FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.	US 598 (3)	1	8

INDEX OF SHEETS

SHEET NO. 1 TITLE SHEET
" " 2 TYPICAL SECTIONS AND DETAILS
" " 3 PLAN & PROFILE STA. 0+00 TO STA. 16+00
" " 4 " " " " 16+00 TO STA
" " 5 STORM DRAIN PROFILE
" " 6 " " "
" " 7 " " "
" " 8 SPECIAL DETAILS NOTES & SCHEDULES

MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

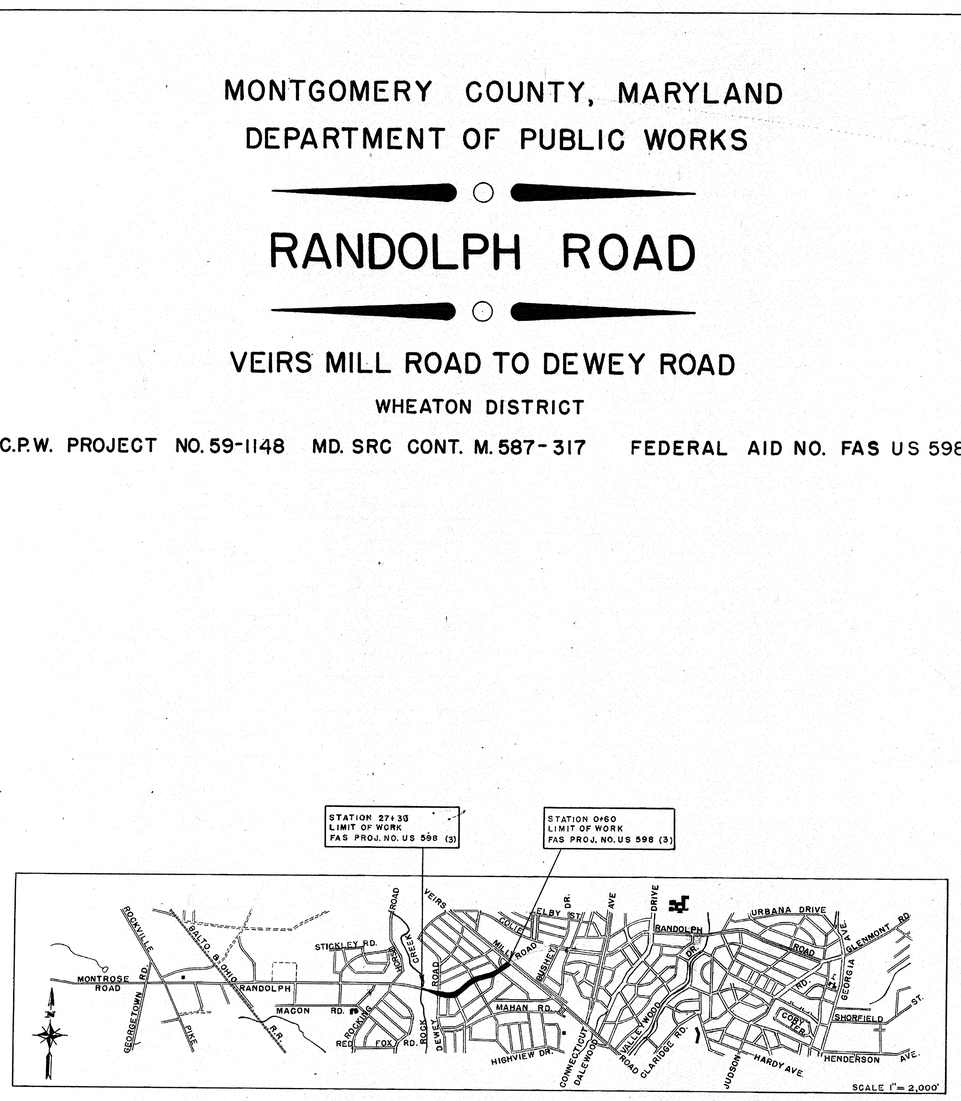
RANDOLPH ROAD

VEIRS MILL ROAD TO DEWEY ROAD

WHEATON DISTRICT

M.C.P.W. PROJECT NO. 59-1148 MD. SRC CONT. M. 587-317 FEDERAL AID NO. FAS US 598 (3)

V. (DESIGN SPEED) 30 M.P.H.
A.D.T. (1965) 11,000 (EST.)
A. D.T. (1959) 6,350



REVIEWED AND APPROVAL RECOMMENDED
Hugh G. Downs, CWC 6/23/60
ENGINEER OF ROAD DESIGN

APPROVAL RECOMMENDED
C. A. Goldiesen 6/24/60
DIRECTOR OF HIGHWAY CONSTRUCTION

APPROVED
Norman M. Pritchett 6/27/60
CHIEF ENGINEER, STATE ROADS COMMISSION

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED

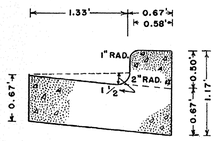
DISTRICT ENGINEER DATE

KWC

SD FILE NO. 526

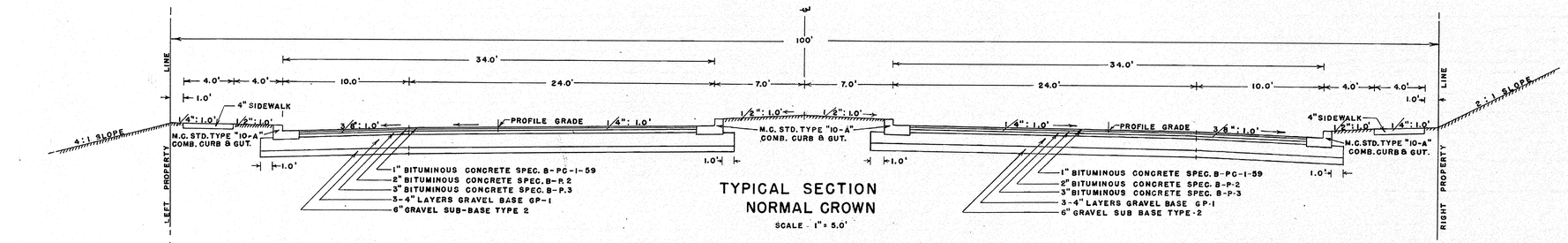
CE487-520-1

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.	U.S. 598 (3)	2	8

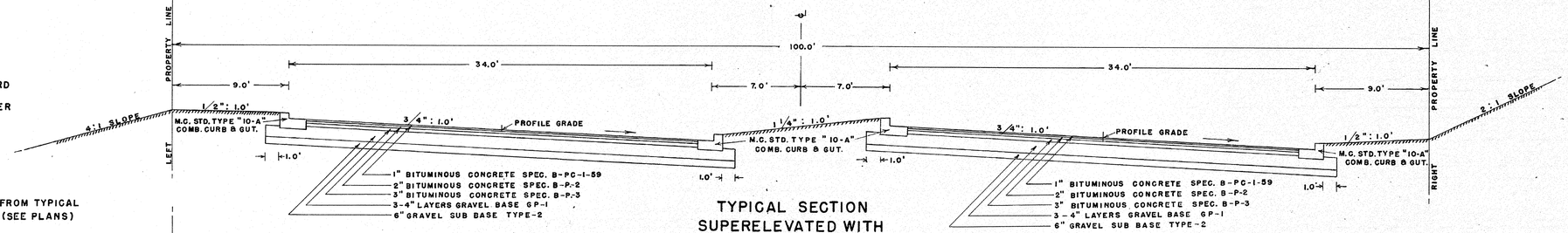


MONTGOMERY COUNTY STANDARD
TYPE "10-A"
COMBINATION CURB AND GUTTER
SCALE 1" = 1.0'

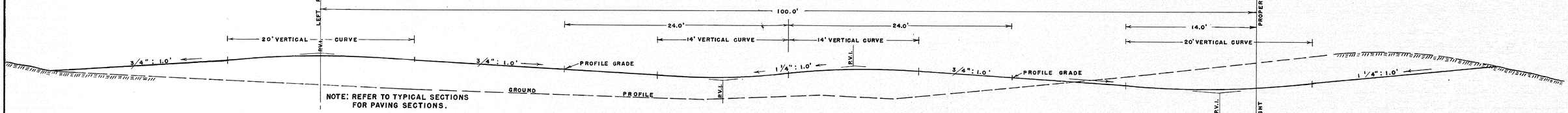
NOTE: LOCATION OF SIDEWALKS VARIES FROM TYPICAL SECTION AT CERTAIN LOCATIONS (SEE PLANS)



TYPICAL SECTION
NORMAL CROWN
SCALE - 1" = 5.0'

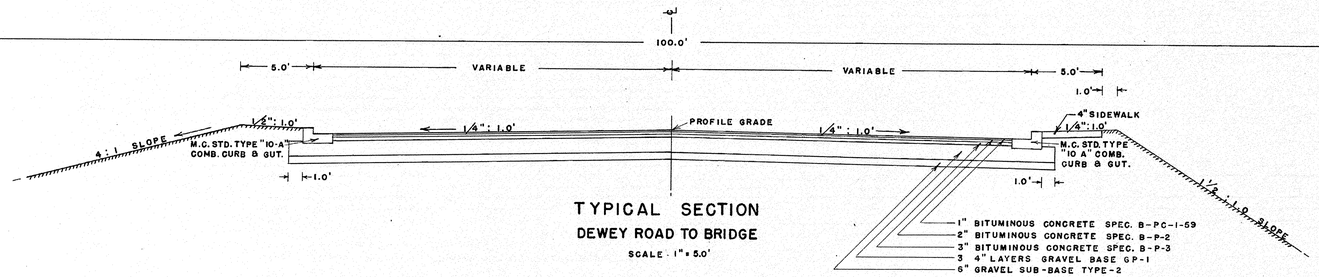


TYPICAL SECTION
SUPERELEVATED WITH
MEDIAN
SCALE 1" = 5.0'



NOTE: REFER TO TYPICAL SECTIONS FOR PAVING SECTIONS.

TYPICAL CROSS SECTIONAL TREATMENT
FOR SUPERELEVATED SECTION AT
INTERSECTION WITH
BENNION RD., CHARLES RD., COLLIN RD., AND
SAINT DUNSTON LANE INTERSECTIONS
SCALE : 1" = 5.0'



TYPICAL SECTION
DEWEY ROAD TO BRIDGE
SCALE - 1" = 5.0'

NUMBER	REVISION	DATE

DES.	MONTGOMERY COUNTY MARYLAND
CHK.	DEPARTMENT OF PUBLIC WORKS
DR. K.W.C.	ROCKVILLE, MD.
CODE REQ.	**RANDOLPH ROAD**
STORM DRAINS	VEIRS MILL ROAD TO DEWEY ROAD
RIGHT OF WAY	SRC CONTRACT NO. M-587-318
UTILITIES	
CONTRACT	PROJ. / FILE / DWG. 2 OF 8

CE 487-520-2

SD FILE NO. 526

Maryland State Archives

S.R.C. CONT. M-587-318

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	MD.	U.S. 598-(3)	3	8

PLAN — SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / RT. OF WAY CHECKED — BY / DATE — NOTE BOOK / NO.

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED — BY / DATE — NOTE BOOK / NO. / STRUCTURE NO'S & TANS CH NO.

RANDOLPH ROAD — CONCRETE PAVEMENT — EDGE CONCRETE PAVEMENT EXISTING

MILL VIERS ROAD — 16'0" ASPHALT — 15'0" ASPHALT

BENNION ROAD — SELLRIDGE ROAD — CHARLES ROAD

D = 05°58'06"
CURVE DATA ℄ 100' R/W
RAD = 960.00'
Δ = 12°32'40"
ARC = 210.18'
CHD. = 209.76'
T.D. = 105.51'
STA. 8+74.83 TO 10+85.01
S.E. = 0.036':1'

CURVE DATA ℄ OF INSIDE LANE
Δ = 18°42'00"
TURNING R. = 272.84' = 21°+D
S.E. = 0.06':1'

D = 12°43'37"
CURVE DATA ℄ 100' R/W
RAD = 450.00'
Δ = 29°30'00"
ARC = 192.42'
CHD. = 190.96'
T.D. = 97.70' Δ
STA 4+59.73 TO 6+52.15
S.E. = 0.053':1'

D = 05°03'57"
CURVE DATA ℄ 100' R/W & ROADWAY
RAD. = 1131.05'
Δ = 12°23'42"
ARC. = 382.87
CHD. = 381.04
T.D. = 193.28
STA. 14+55.13 TO 18+38.00
S.E. = 0.035':1'

REMOVE EL. 10'6" CA. TO 7' & SET BACK. LIGHT POLE, COLLST. SPEC. CD.

STATION CONTROL 100+00 = 1+00 BEARING & DISTANCE

ASPHALT PARKING AREA — SEE SHEET OF ... FOR DETAILS

Underground Telephone conduit

Underground Telephone Conduit

CONCRETE — STORES — 9AS STATION — GAS PUMPS — ONE STEP — ANCHOR FENCE — WIRE FENCE — PICKET FENCE — BLUESTONE DRIVE — CONC. DRIVE — SLOPE EASEMENT — 60' R/W — 80' V.C. — ℄ 100' V.C.

LEGEND
℄ 100' RIGHT OF WAY
PROP. LINE 50' RIGHT OF ℄
PROP. LINE 50' LEFT OF ℄
75' RIGHT OF ℄
75' LEFT OF ℄
PROPOSED ℄ GRADE
APPROVED ℄ GRADE

MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION APPROVED PROFILE NO. 2868 - JULY 6th 1948

S.E. TRANSITION N.C. TO 0.053':1' — FULL S.E. 0.053':1' — S.E. TRANSITION 0.053':1' TO N.C. — S.E. TRANSITION N.C. TO 0.036':1' — CONSTANT S.E. 0.036':1' — S.E. TRANSITION 0.036':1' TO 0.06':1' — MAX. S.E. 0.06':1' — S.E. TRANSITION 0.06':1' TO N.C. — S.E. TRANSITION N.C. TO 0.033':1' — CONSTANT S.E. 0.033':1'

100' VERT. CURVE E = 0.67

℄ OF A 1"x1" C/P TELEPHONE CONDUIT

℄ BENNION ROAD — ℄ SELLRIDGE ROAD — ℄ SELLRIDGE ROAD - S 41°25'42" W 413.43'

S.D. # D 24, 60157-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED AUGUST 19, 1960
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. THIS COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS OR TO OWNERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
John A. Mayo
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

NUMBER	REVISION	DATE

DES. — DR. K.W.C. — CHK. — CODE REQ. — STORM DRAIN — RIGHT OF WAY — UTILITIES — CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE MARYLAND

PLAN AND PROFILE

RANDOLPH ROAD
VIERS MILL RD. TO DEWEY RD.

SCALE 1" = 50' — NOVEMBER 1959.

S.R.C. CONTRACT NO. M-587-318

PROJECT	FILE	DWG.
59-1148		3 of 8

PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD
261 FM-3 AGEPROOF FILM MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO., CHICAGO

SD FILE NO. 526

CE487-520-3

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	MD.	U.S.-598(3)	4	8

PLAN — SURVEYED / PLOTTED / GRADES CHECKED / NOTE BOOK / NO. / ALIGNMENT CHECKED / RT. OF WAY CHECKED / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / NOTE BOOK / NO. / B. M.= NOTED / STRUCTURE NOTATIONS OK'D. / BY / DATE

N

D=08°03'57"
CURVE DATA ℄ 100' R/W LEFT
RAD.= 1191.05'
Δ = 19°23'42"
ARC = 361.51'
CHD = 359.87'
T.D. = 182.38'
STA. 14+56.13 TO 18+38.00
S.E. 0.033':1'
7.08 "To ℄ chamber

RANDOLPH ROAD

COLIN ROAD

ST. DUNSTON LANE

DEWEY ROAD

ROCK CREEK BRIDGE ROAD

NOTE: Removal of existing concrete masonry headwalls shall not be a seperate pay item but shall be included in the price bid for other items.

NOTE: ROADWAY CURVE IS NOT CONCENTRIC WITH EXISTING R/W FOR THIS CURVE ONLY.

CURVE DATA ℄ 100' R/W.
RAD = 259.89'
Δ = 33°25'40"
ARC = 151.63'
CHD = 149.48'
T.D. = 78.04'
STA. 18+62.99 TO 20+14.62

D=17°52'19"
CURVE DATA ℄ CONSTRUCTION
RAD=320.59'
Δ=34°41'38"
ARC. 194.12'
CHD. 191.17'
T.D. 100.14'
STA. 18+38.00 TO 20+32.12 BACK
20+33.21 AHEAD
S.E. 0.06':1'

SD #D24.60157-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED AUGUST 19, 1960
SUBJECT TO PRIOR INSTALLATION OF WATER SEWER AND PAVING OF MOVING ANY WATER FACILITIES
SENIOR DESIGN ENGINEER
W.S.S.C. CONSTRUCTION DIV.
NOTIFY THREE DAYS IN ADVANCE BEFORE BEGINNING CONSTRUCTION.

MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION APPROVED PROFILE NO. 28GB JULY 8th 1948

CONSTANT S.E. 0.033':1' | S.E. TRANSITION 0.033':1' TO 0.06':1' | MAX S.E. 0.06':1' | S.E. TRANSITION 0.06':1' TO N.C. | N.C. 2.1%

RATE -3.80%
RATE -3.50%
RATE -1.40%
100' VERT. CURVE
50' V.C.
BRIDGE

LEGEND
℄ 100' RIGHT OF WAY
PROP LINE 50' RIGHT OF ℄
PROP LINE 50' LEFT OF ℄
75' RIGHT OF ℄
75' LEFT OF ℄
PROPOSED ℄ GRADE
APPROVED ℄ GRADE

SPECIAL DETAILS FOR ASPHALT PARKING AREA AT SELFRIDGE RD.
1/2" SCALE
MOVE EXISTING POLE AS SHOWN AND CONSTRUCT CONC. BASE
REMOVE EXISTING ASPH. PAVMT TO WIDEN. WATERPROOF SEAL AT JOINT
SPECIAL CURB 30" WIDE BY 1'-6" DEEP STD 10 ACURB FACE & TOP, BOTH SIDES TO BE CONSTRUCTED WHERE ADJACENT TO EXISTING PARKING LOT AND NOTED ON PLAN
TOP VIEW
DETAIL OF PEDESTAL

RANDOLPH ROAD
PROJECT NO. 59-1148
S.P.&A. CONTRACT NO. M-587-318

PLATE 1—PLAN-PROFILE O. P. R. & R. E. STANDARD
261 FM-3 AGEPROOF FILM MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO., CHICAGO

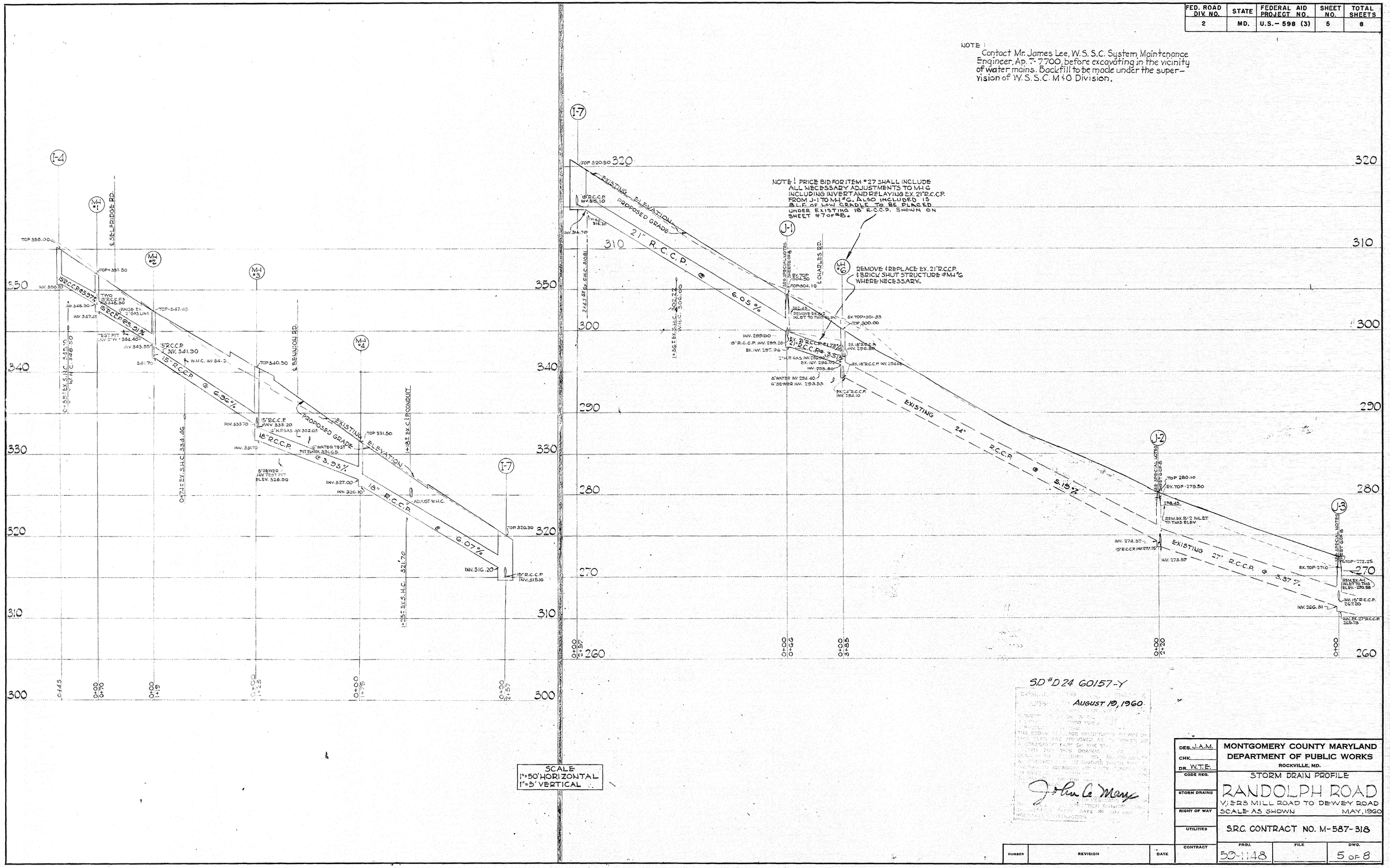
SHEET No. 4 OF 8

CE487-520-4

SHEET 526

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	MD.	U.S.– 598 (3)	5	8

NOTE :
Contact Mr. James Lee, W.S.S.C. System Maintenance Engineer, Ap. 7-7700, before excavating in the vicinity of water mains. Backfill to be made under the supervision of W.S.S.C. M&O Division.



S.D. # D 24 60157-Y
AUGUST 10, 1960

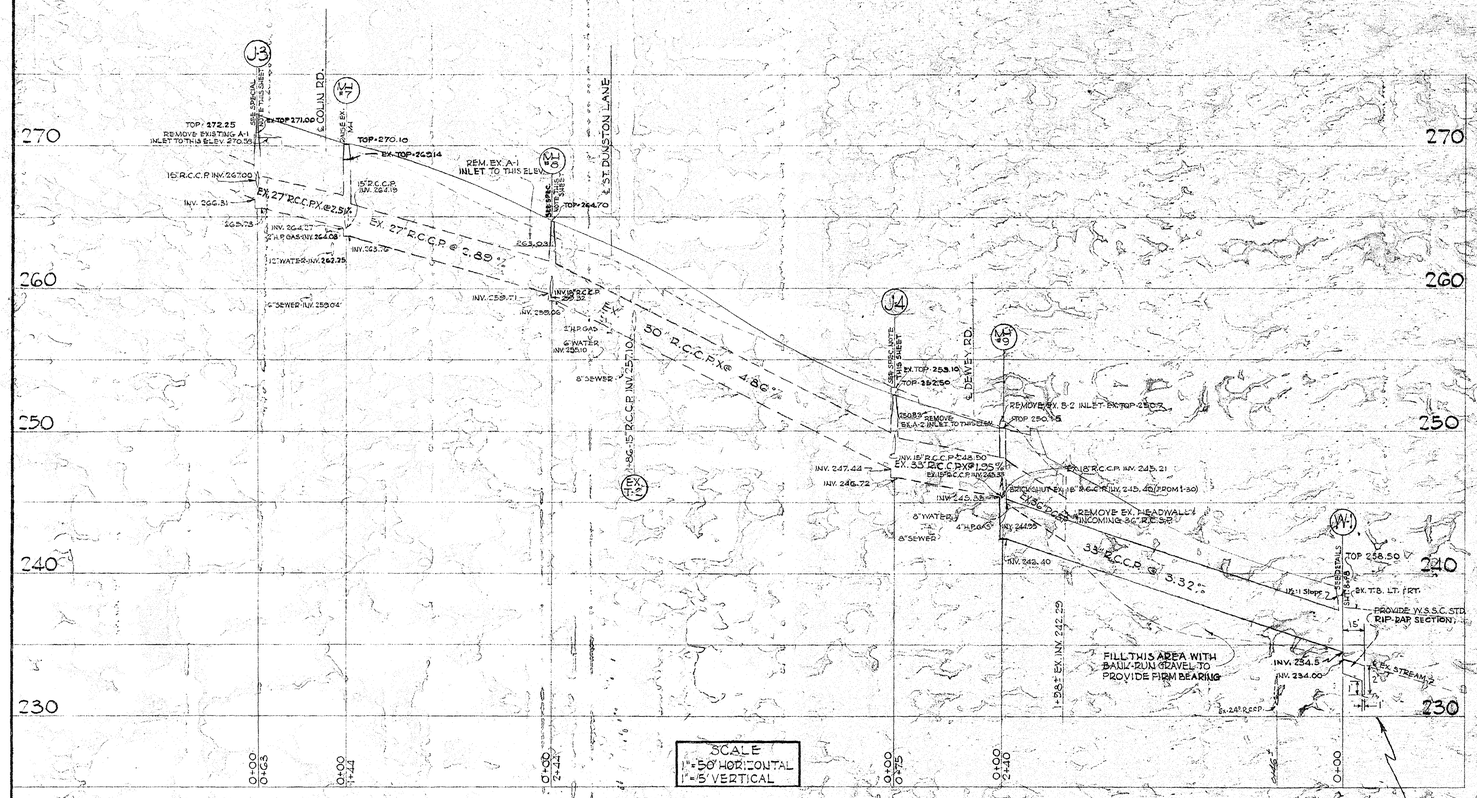
DES. J.A.M.	MONTGOMERY COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS ROCKVILLE, MD.	
CHK.		
DR. W.T.E.	STORM DRAIN PROFILE	
CODE REQ.	RANDOLPH ROAD	
STORM DRAINS	VIERS MILL ROAD TO DEWEY ROAD	
RIGHT OF WAY	SCALE AS SHOWN MAY, 1960	
UTILITIES	S.R.C. CONTRACT NO. M-587-318	
CONTRACT	PROJ. 50-1148 / FILE / DWG. 5 OF 8	

NUMBER	REVISION	DATE

CE487-520-5

526

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	MD.	U.S. - 698 (3)	6	8



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

Note:
When constructing std. W.S.S.C. rip-rap section, place stones so as to produce a rough finish. Let the stones project above the mortar line elevation approx. 6" to accomplish this type of finish.

SPECIAL NOTES ON STRUCTURES

STRUCTURE J-1 1. Remove the existing B-1 inlet slab and walls until reaching the bottom of the proposed roadway sub-grade, this elevation being-262.45. Then construct on the remaining existing chamber walls a rectangular concrete slab & add a brick stack similar to that of a W.S.S.C. std. type B manhole.
2. Break out the existing chamber wall where new pipe enters, and repair any excess breakout.

STRUCTURE J-2 1. Remove the existing B-2 inlet slab and walls until reaching the bottom of the proposed roadway sub-grade, this elevation being-270.45. Then construct on the remaining existing chamber walls a rectangular conc. slab & add a brick stack similar to that of a W.S.S.C. std. type B. manhole.
2. Break out the existing chamber wall where new pipe enters, and repair any excess breakout.

STRUCTURE J-3 1. Remove the existing A-1 inlet slab and walls until reaching the bottom of the proposed roadway sub-grade, this elevation being-270.58. Then construct on the remaining existing chamber walls a rectangular conc. slab & add a brick stack similar to that of a W.S.S.C. std. type B manhole.
2. Break out the existing chamber wall where new pipe enters, and repair any excess breakout.

STRUCTURE J-4 1. Remove the existing A-2 inlet slab and walls until reaching the bottom of the proposed roadway sub-grade, this elevation being-258.65. Then construct on the remaining existing chamber walls a rectangular conc. slab & add a brick stack similar to that of a W.S.S.C. std. type B manhole.
2. Break out the existing chamber wall where new pipe enters, and repair any excess breakout.

STRUCTURE M-10 1. Remove the existing B-2 inlet slab and walls until reaching an elevation of 248.53. Then construct on the remaining existing chamber walls a rectangular conc. slab & add a brick stack similar to that of a W.S.S.C. std. type B manhole.
2. Break out the existing chamber wall where new pipe enters, and repair any excess breakout.

STRUCTURE M-8 1. Remove the existing A-1 inlet slab and walls until reaching an elevation of 263.03. Then construct on the remaining existing chamber walls a rectangular conc. slab & add a brick stack similar to that of a W.S.S.C. std. type B manhole.
2. Break out the existing chamber wall where new pipe enters, and repair any excess breakout.

SPEC. STRUCTURE I-12 1. Remove existing B-1 inlet slab and the backwall at the elongated end of the basin.
2. Lengthen the existing 10' throat opening to a 25 foot throat opening and construct a new concrete slab for this inlet.
3. See std. W.S.S.C. "F" inlet for steel size, spacing, slab thickness, etc. of slab.

SPEC. STRUCTURE I-22 1. Remove existing B-1 inlet slab and the backwall at the elongated end of the basin.
2. Lengthen the existing 10 foot throat opening to a 20 foot throat opening and construct a new concrete slab for this inlet.
3. See std. W.S.S.C. "F" inlet for steel size, spacing, slab thickness, etc. of slab.

SD # D24, 60157-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED August 19, 1960
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. THE COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS, OR TO OWNERS OF UNDERGROUND PROPERTY BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
[signature]
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING 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 DRAIN PROFILE
RANDOLPH ROAD
VIERS MILL ROAD TO DEWEY ROAD
SCALE AS SHOWN MAY, 1960

S.R.C. CONTRACT NO. M-587-318

PROJ.	FILE	DWG.
59-1148		6 of 8

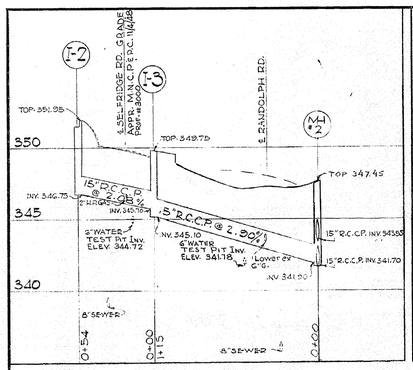
CE 487-520-6

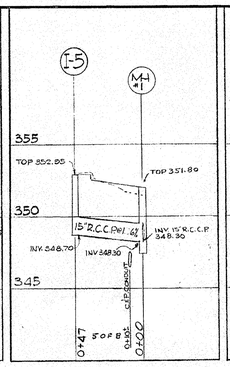
MICROFILM NO. 526

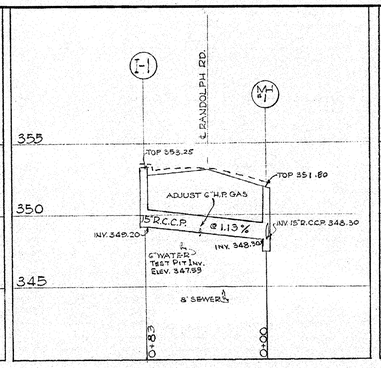
Maryland State Archives

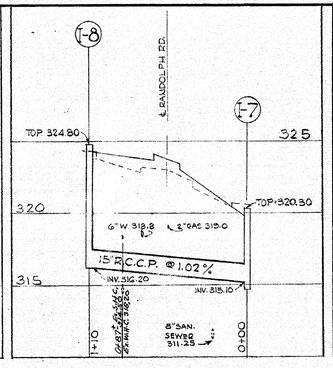
FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	MD.	U.S.—598 (3)	7	8

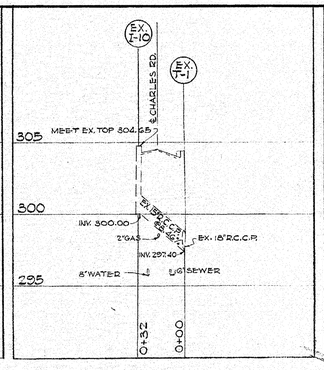
NOTE :
Contact Mr. James Lee, W.S.S.C. System Maintenance Engineer, Ap. 7-7700, before excavating in the vicinity of water mains. Backfill to be made under the supervision of W.S.S.C. M&O Division.

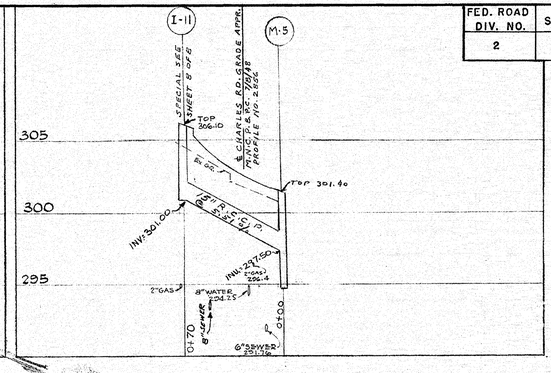


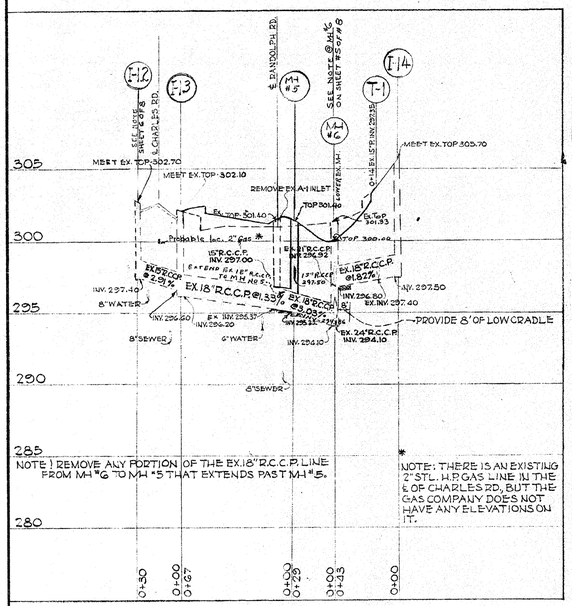




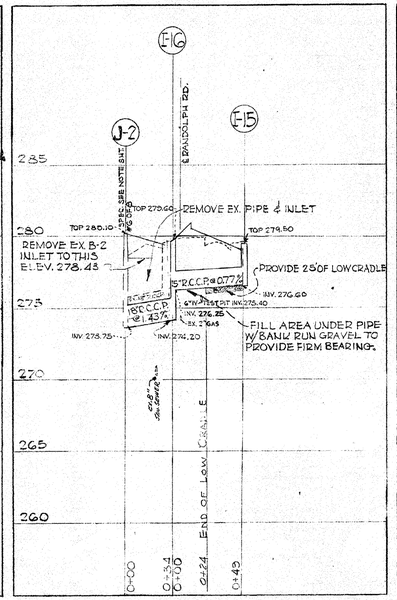


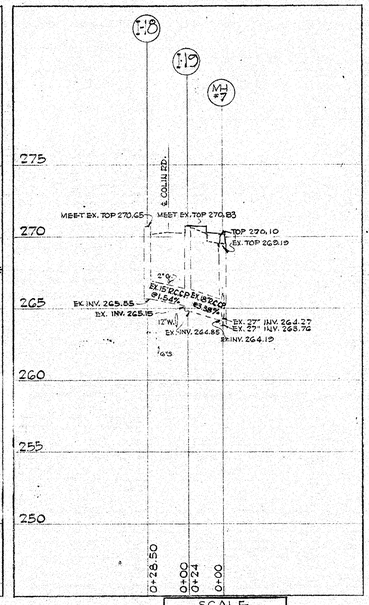


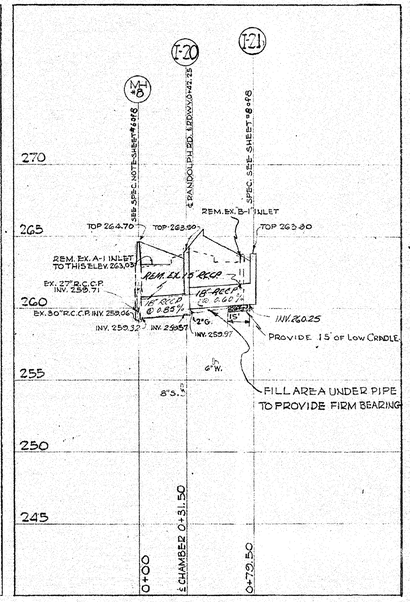


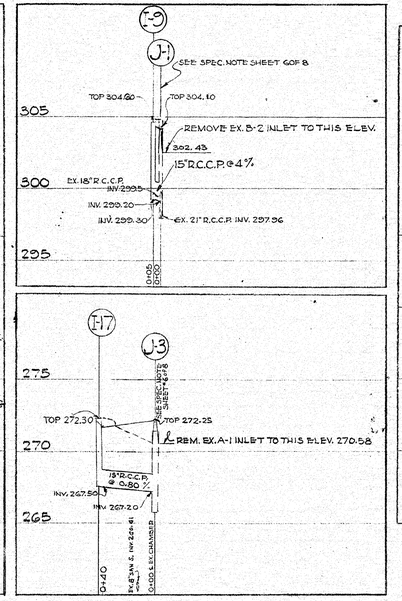


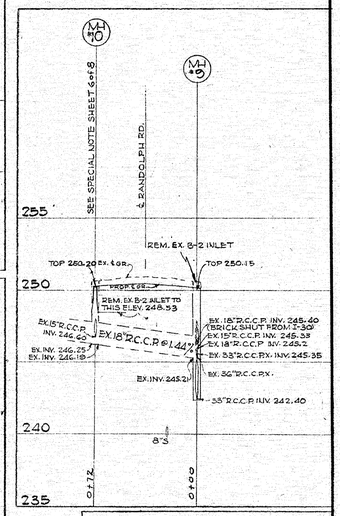
NOTE 1 REMOVE ANY PORTION OF THE EX. 18" R.C.C.P. LINE FROM MH "G" TO MH "5" THAT EXTENDS PAST M-H "5".

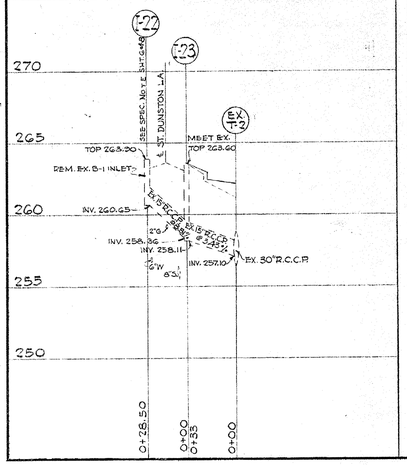


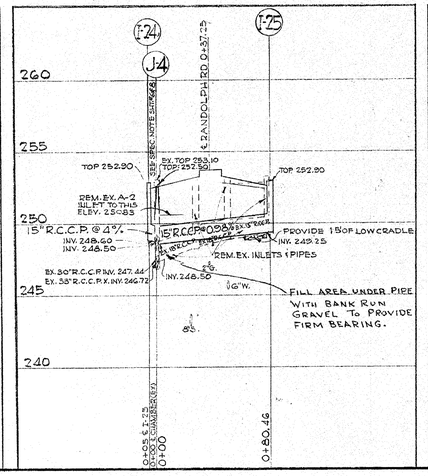


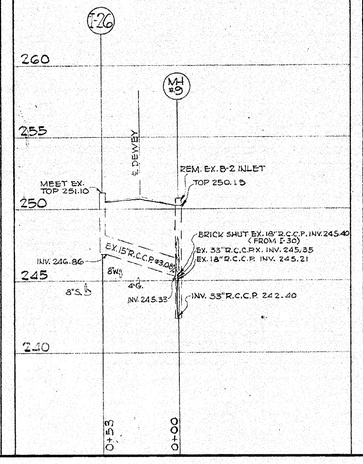


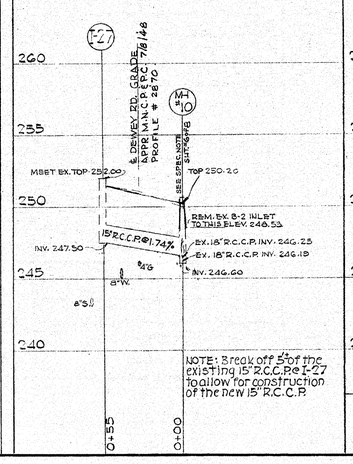




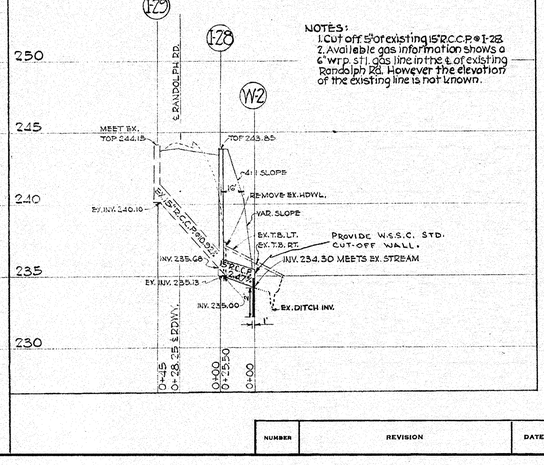








NOTE: Break off 5' of the existing 15" R.C.C.P. at T-27 to allow for construction of the new 15" R.C.C.P.



NOTES:
1. Cut off 5' of existing 15" R.C.C.P. at T-28.
2. Available gas information shows a 6" W.P. St. gas line in the ℄ of existing Randolph Rd. However the elevation of the existing line is not known.

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

SD# D 24, 60157-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED August 19, 1960
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS OR TO OWNERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
John A. Marx
ENGR. DESIGNATED AGENT OF THE W.S.S.C.
CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING 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
RANDOLPH ROAD
VIERS MILL ROAD TO DEWEY ROAD
SCALE AS SHOWN MAY, 1960

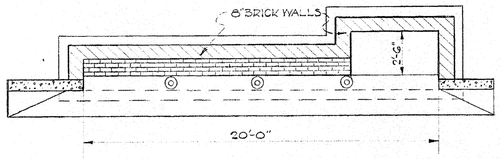
S.R.C. CONTRACT NO. M-587-318

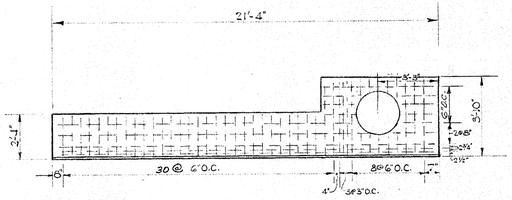
PROJ.	FILE	DWG.
59-1148		7 OF 8

CE487-520-7

NOTED 526

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	MD.	U.S.-598 (3)	8	8





SPECIAL DETAILS
INLETS-I-11, I-16 & I-21
NO SCALE

NOTE: For other details and information not shown see W.S.S.C. Std. "F-1 Inlets.

STRUCTURE SCHEDULE

NO.	TYPE	TOP ELEV.	REMARKS
I-1	F-1	358.25	W.S.S.C. STD. INLET
I-2	S. SINGLE GRATE	351.05 (CURB)	S.R.C. STDS. # 75-C, & #75-D
I-3	F-1	349.75	W.S.S.C. STD. INLET
I-4	S. COMB.	355.00	S.R.C. STD. #75-E 175-F INLET (WITH DOUBLE GRATE-TANDEM)
I-5	B-1	352.95	W.S.S.C. STD. INLET
M-1	B	351.80	" " MANHOLE (SIZE-48")
M-2	B	347.45	" " " SIZE 48"
I-6	F-1	339.50	W.S.S.C. STD. INLET
I-7	SPECIAL	320.80	SEE DETAILS THIS SHEET
I-8	F-1	324.80	W.S.S.C. STD. INLET
I-9	F-1	304.60	" " "
I-10	EX. B-1	304.65	MEET EXISTING INLET FOR LINE AND GRADE
I-11	SPECIAL	306.10	SEE SPECIAL DETAILS - THIS SHEET
I-12	SPECIAL	302.70	SEE NOTE SHEET #6 OF #8
I-13	EX-B-1	302.10	MEET EXISTING INLET FOR LINE & GRADE
I-14	EX. B-2	305.70	MEET EXISTING INLET FOR LINE AND GRADE
I-15	F-1	279.60	W.S.S.C. STD. INLET
M-3	A	340.50	W.S.S.C. STD. MANHOLE (SIZE 48")
M-4	B	331.50	" " " (" ")
I-16	SPEC.	279.60	SEE SPECIAL DETAILS THIS SHEET
I-17	F-1	272.30	W.S.S.C. STD. INLET
I-18	EX B-1	270.65	MEET EXISTING INLET FOR LINE AND GRADE
I-19	EX. B-1	270.83	MEET EXISTING INLET FOR LINE AND GRADE
I-20	B-1	263.90	W.S.S.C. STD. INLET
M-5	B	301.40	" " MANHOLE (SIZE 48")
M-6	EX A	300.00	LOWER EXISTING MANHOLE TO GRADE
I-21	SPECIAL	263.80	SEE SPECIAL DETAILS THIS SHEET
I-22	SPECIAL	263.80	SEE SPECIAL NOTE SHEET #6 OF 8.
I-23	EX B-1	263.60	MEET EXISTING INLET FOR LINE AND GRADE
I-24	B-1	252.90	W.S.S.C. STD. INLET
I-25	F-1	252.90	W.S.S.C. STD. INLET
I-26	EX. B-2	251.10	MEET EXISTING INLET FOR LINE AND GRADE
I-27	EX B-2	252.00	" " " " " " "
I-28	B-1	243.85	W.S.S.C. STD. INLET
I-29	EX. A-1	244.15	MEET EXISTING INLET FOR LINE AND GRADE
M-7	EX. A	270.10	RAISE EXISTING MANHOLE TO GRADE
M-8	SPECIAL	264.70	SEE SPECIAL STRUCTURE NOTE SHEET #6 OF #8.
EX. T-1	—	—	EXISTING PIPE TEE AT CHARLES ROAD.
EX. T-2	—	—	" " " ST. DUNSTON ROAD.
J-1	SPECIAL	304.10	SEE SPECIAL STRUCTURE NOTE SHEET #6 OF #8
J-2	"	280.10	" " " " " " "
J-3	"	272.25	" " " " " " "
J-4	"	252.50	" " " " " " "
W-1	SPECIAL	238.50	SEE DETAILS THIS SHEET
W-2	—	234.93	STD. W.S.S.C. CUT-OFF WALL FOR 15" PIPE
M-10	SPECIAL	250.20	SEE SPECIAL STRUCTURE NOTE SHEET #6 OF #8
M-9	B	250.15	REMOVE EX. B-2 INLET & CONSTR. STD. W.S.S.C. MH (SIZE 54")

PIPE SCHEDULE

LENGTH	SIZE	TYPE & REMARKS
1,017 L.F.	15"	R.C.C.P. WITH 40° OF LOW CRADLE
424 L.F.	18"	R.C.C.P. " 15° " " "
257 L.F.	21"	R.C.C.P.
240 L.F.	33"	R.C.C.P.
8 L.F. OF LOW CRADLE UNDER EXISTING 18" RCCP.		

← Note! Price bid for item # 27 shall include all necessary adjustment to M-6 including invert and relaying existing 21" R.C.C.P. from J-1 to M-6. Also included is 8 L.F. of low cradle to be placed under existing 18" R.C.C.P. shown on sheet #7 of #8.

GENERAL NOTES

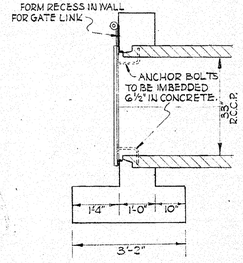
1. All storm drains shall be constructed in accordance with the General Specifications of the W.S.S.C. adopted Sept. 30, 1954.

2. Types of structures refer to the W. S. S. C.'s Std. Storm Drainage Details unless otherwise noted.

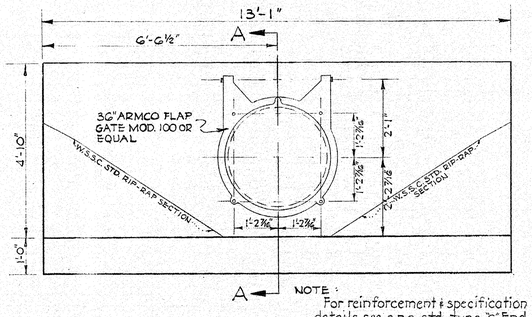
3. Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevation of the mains by digging test pits by hand at all utility crossings well in advance of trenching. If clearances are less than shown on plan or six (6) inches, whichever is less, contact the Storm Drain Section of the W. S. S. C. before proceeding with construction.

4. Steps shall be provided in the channels of the structures involving pipes larger than 27" in accordance with the w.s.s.c. standard detail.

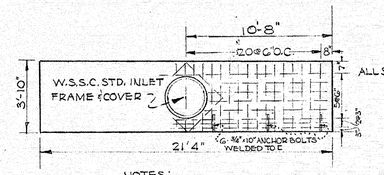
NOTE: Flapgate shall be furnished with brass studs, bushings & nuts, and bronze cotter pins.



SECTION "A-A"
SCALE ½"=1'



DETAIL OF ENDWALL & FLAPGATE FOR USE AT W-1
SCALE ½"=1'



NOTES:
1. The throat opening and the inside chamber length of this inlet shall be 20'-0".
2. All other details & specifications are to conform to W.S.S.C. std. type "F-1" inlet.

SLAB DETAIL
I-7
NO SCALE

SD #D 24, 60157-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED AUGUST 19, 1960
FOR STORM DRAINS ONLY
Fred A. Wilson
CHIEF ENGINEER-MANAGER

DES. J.A.M.	MONTGOMERY COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS	
CHK.	ROCKVILLE, MD.	
DR. W.T.E.	SPECIAL DETAILS, NOTES & SCHEDULES	
CODE REQ.	RANDOLPH ROAD	
STORM DRAINS	VIERS MILL ROAD TO DEWEY ROAD	
RIGHT OF WAY	SCALE AS SHOWN — MAY, 1960	
UTILITIES	S.R.C. CONTRACT NO. M-587-318	
CONTRACT	PROJ. 59-1148 / FILE / DWG. 8 OF 8	

NUMBER	REVISION	DATE

CE 487-520-8

SD FILE NO. 526

Maryland State Archives