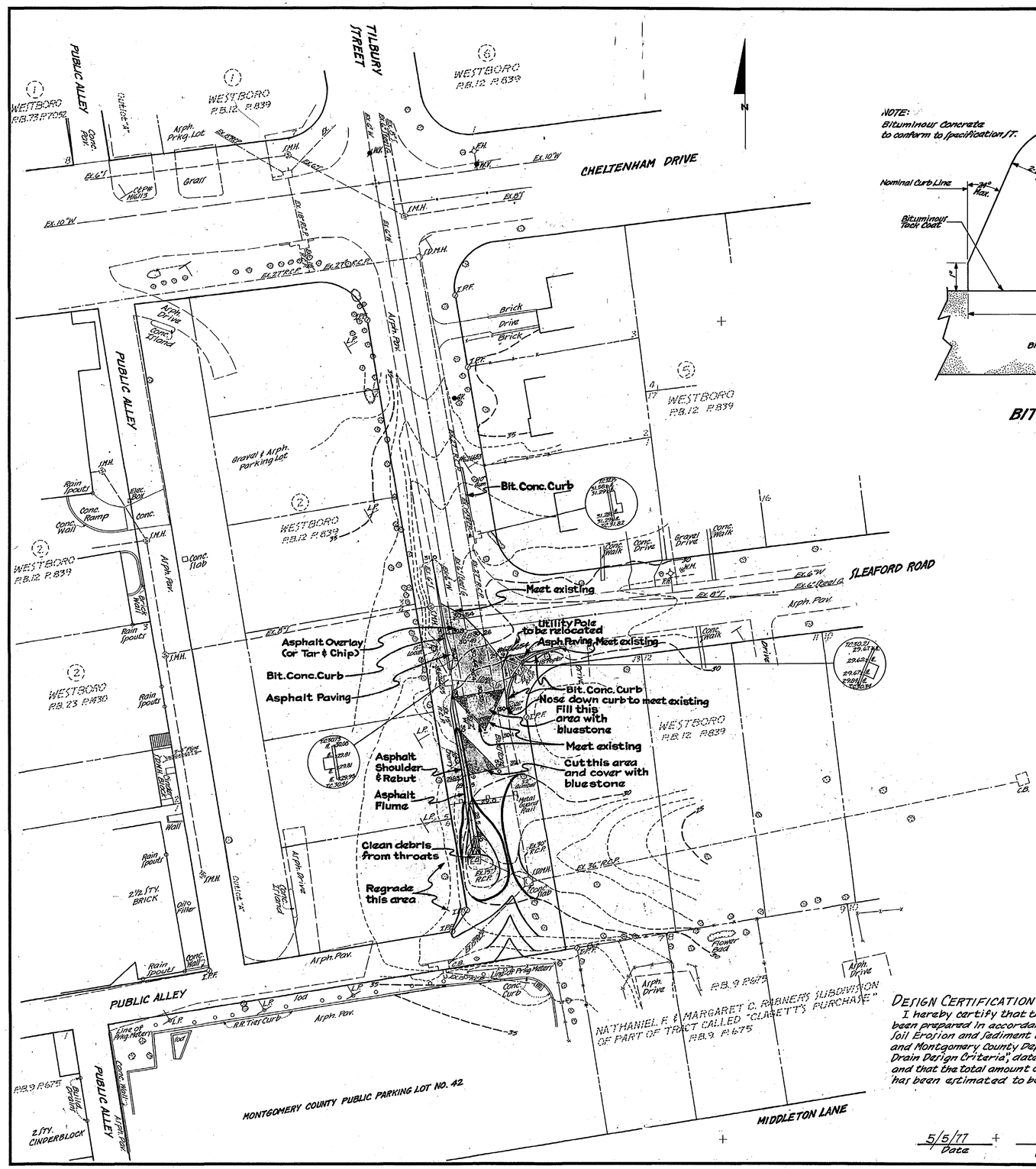
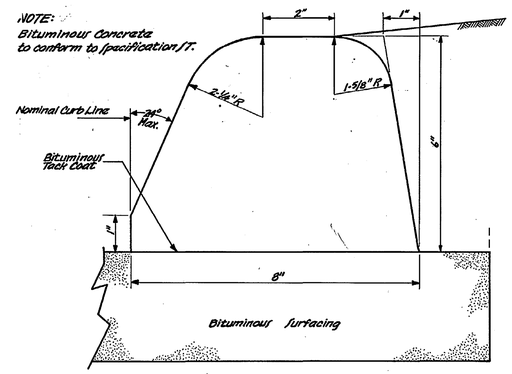
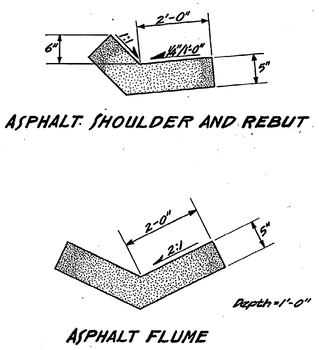




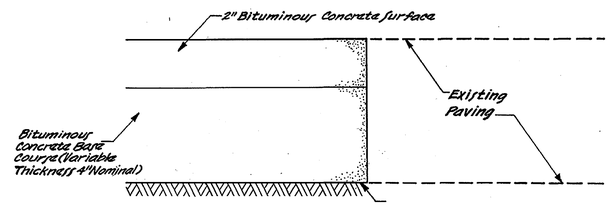
BITUMINOUS CURB
No Scale



ASPHALT SHOULDER AND REBUT

ASPHALT FLUME

TYPICAL SECTIONS
No Scale



TYPICAL PAVING SECTION
No Scale

GENERAL NOTES

1. All erosion and sediment control measures are to be constructed in accordance with applicable "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas".
2. All sediment will be prevented from entering any storm drainage system (i.e., through use of sand bags, gravel, boards or other applicable method.)
3. Sod or seed and mulch all disturbed areas in accordance with the above-mentioned standards and specifications immediately after finished grading.
4. Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevations 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 6 (six) inches, whichever is less, contact Montgomery County Department of Transportation before proceeding with construction.
5. Maintain minimum ¼"/1'-0" cross slope on asphalt overlay area.

BUILDER'S CERTIFICATION

I hereby certify that all clearing, grading, construction and/or development will be done pursuant to this plan.

6/7/77
Date

Richard J. Lynch
Richard J. Lynch, Director
Department of Transportation

DESIGN CERTIFICATION

I hereby certify that the Sediment Control Plan for this project has been prepared in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas," dated July 1975, and Montgomery County Department of Transportation's "Interim Storm Drain Design Criteria", dated July 1, 1968 and as amended December 1, 1975, and that the total amount of excavation and fill as shown on these plans has been estimated to be balanced between cut and fill.

STATE OF MARYLAND — JAMES ALBERT TAYLOR — NO. 10059 — REGISTERED PROFESSIONAL ENGINEER

5/5/77
Date

James A. Taylor
James A. Taylor
Maryland P.E. No. 10059

NUMBER	REVISION	DATE

DES. JAT
DR. SVS
CHK. [illegible]
REVISIONS

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MD.

MISCELLANEOUS GENERAL BENEFITS-STORM DRAIN
TILBURY STREET
WESTBORO

Scale: 1" = 30' April, 1977

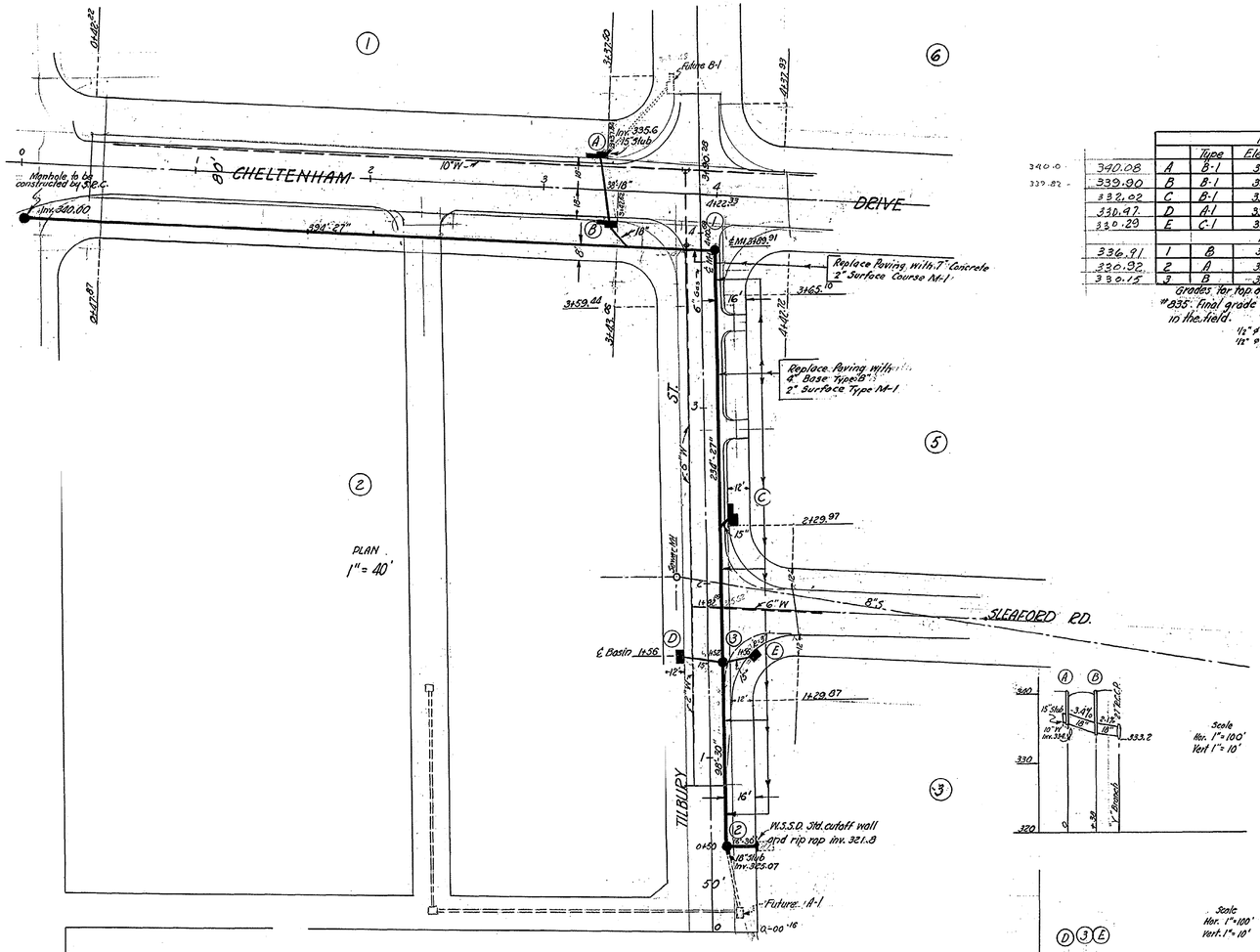
APPROVED June 7, 1977
E. James Sayer — CHIEF, DIV. OF TRANS. ENG'G
Richard J. Lynch — DIRECTOR, DEPT. OF TRANS.

PROJECT: 778144 DWG: 1 OF 1

SD FILE NO. 61

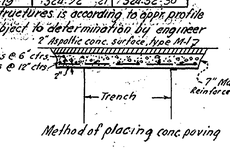
CE487-60-1

Maryland State Archives

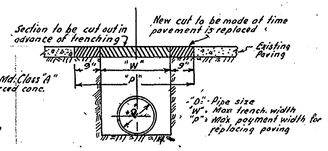


INLET SCHEDULE					
		Type	Elev. Top	Invert Inlet	Inv. outlet
340.08	A	B-1	340.30	335.6 -15"	335.5 -18"
339.90	B	B-1	340.13	334.2 -18"	334.0 -18"
332.02	C	B-1	332.03		327.2 -15"
330.97	D	A-1	330.56		326.6 -15"
330.29	E	C-1	330.39		326.4 -15"
MANHOLE SCHEDULE					
336.91	1	B	336.97	332.25 -27"	332.0 -27"
330.92	2	A	331.21	322.50 -30"	322.25 -30"
330.15	3	B	330.19	324.92 -27"	324.52 -30"

Grades for top of structures is according to appr. profile #835. Final grade subject to determination by engineer in the field.



Method of placing conc. paving



Cost of removing paving for trench widths shown shall be included in the unit price bid for pipe in place. Additional removal of paving where required by the engineer will be paid as a separate item.

Nominal Pipe Diam.	Payment Widths	
	Trenches	Paving
"D"	"W"	"P"
27"	4'-9"	6'-9"
30"	5'-1"	6'-7"

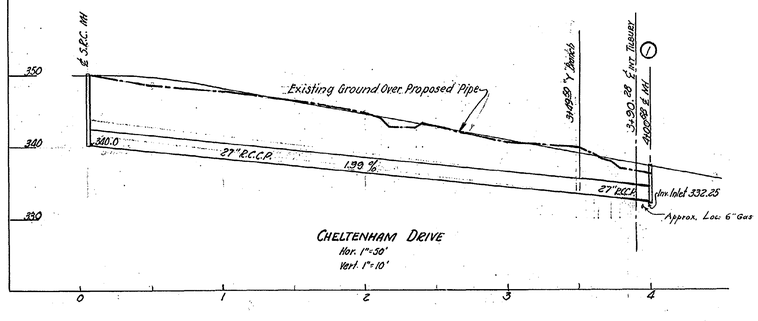
GENERAL NOTES

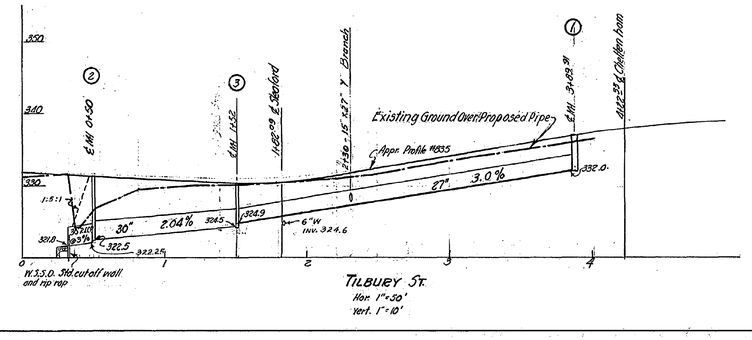
1. ALL THROUGH INLETS SHALL BE CHANNELED AS SPECIFIED IN W.S.S.D. STD. MANHOLE & INLET DETAILS
2. PIPE JOINTS SHALL BE MADE CAREFULLY AND SHALL BE FILLED COMPLETELY WITH CEMENT MORTAR INSIDE AND OUT; EXCESS MORTAR SHALL BE REMOVED FROM INSIDE ALL PIPE. REFER TO W.S.S.C. SPECIFICATIONS FOR JOINTS.
3. ALL STUBS SHALL BE BRICKED SHUT.
4. ALL PIPES SHALL BE RCCP A.S.T.M. STANDARD C-76-41 TABLE NO. 1.
5. JOINING MORTAR SHALL BE MIXED IN PROPORTION BY VOLUME OF ONE (1) PART CEMENT AND TWO (2) PARTS SAND.
6. ALL TEES AND Y BRANCHES SHALL BE SHOP FABRICATED.
7. ARTIFICIAL FOUNDATIONS OF 1-3-5 CONCRETE SHALL BE PROVIDED WHERE NATURAL FOUNDATIONS ARE INSUFFICIENT AND AS DIRECTED BY THE ENGINEER. in the field
8. EXACT ELEVATIONS OF INLET TOPS TO BE DETERMINED WHEN CURB AND PAVEMENT ARE DESIGNED.
9. ALL BRICK IN STRUCTURES SHALL BE LAID WITH FULL MORTAR JOINTS.
10. ALL BRICK USED FOR LINING WATERWAY CHANNELS SHALL CONFORM TO A.S.T.M. SPECIFICATION C-32-42-SP. ALL OTHER BRICK SHALL CONFORM TO A.S.T.M. SPECIFICATION C-32-42-MA.
11. ALL ELEVATIONS SHOWN REFER TO INVERTS UNLESS OTHERWISE NOTED.
12. ALL WATER, SEWER, AND GAS MAIN CROSSINGS SHALL BE HAND EXCAVATED IN ADVANCE OF MACHINE EXCAVATION.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PROPER AUTHORITIES TO MAKE NECESSARY ADJUSTMENTS IN EXISTING UTILITIES.

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED Sept. 23, 1949
FOR STORM DRAINS ONLY
George E. Gilbert
SENIOR DESIGNING ENGINEER

* Approval does not give authority to discharge on private property. See letter dated Sept 23, 1949

NOTE:
This plan is a revision of plan prepared the Office of the County Engineer for Montg. Co. Md. Aug. 1948, and approved by W.S.S.C. Sept. 20 1948.





PLAN OF
STORM DRAIN
WESTBORO
MONTGOMERY CO. MD.
SEPT. 1949 SCALES AS NOTED
PREPARED BY THE DEPT. OF PUBLIC WORKS
DIVISION OF HIGHWAY ENGINEERING

CONTRACT No.

82|J|3

Drawn by McCollum

7-638

CE487-60-2

FILED

K&E C-T 10 1183 6-72 81666+

Floyd J Perry 1/21/75

DES.	MONTGOMERY COUNTY · MARYLAND DEPARTMENT OF TRANSPORTATION ROCKVILLE, MD.
DR.	
CHK.	
REVISIONS	TOPOGRAPHIC SURVEY WESTBORO VICINITY OF TILBURY ST. Scale 1" = 30' Contour Interval = 1' APPROVED
	CHIEF, DIV. OF TRANS. ENG'G. — DIRECTOR, DEP'T. OF TRANS.
	PROJECT: DAR 74 C52 — DWG: 1 OF 1

Traverse Added 1/21/75 FJP

NUMBER	REVISION	DATE

SO File No. 61

CE 487-60-3