

REVISED	NO.	DESCRIPTION	DATE	BY
3	MD. M325(I)	1	NO	

SOIL LEGEND

A-3 SAND	A-4-7 CLAYEY SILT
A-2 SAND & FINES	A-7-4 SILTY CLAY
A-2-4 SILTY SAND	A-7 CLAY
A-4-2 SANDY SILT	A-8 COLLOIDAL CLAY
A-2-7 CLAYEY SAND	A-5 MICA, DIATOMS, DECOMPOSED ROCK
A-7-2 SANDY CLAY	A-9 SWAMP MUCK
A-4 SILT	A-6 ROCK REFUSAL

⊕ PLAN LOCATION OF SOIL BORINGS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
GRADING, CURBING, PAVING, DRAINAGE, AND UTILITY ADJUSTMENTS
ELITE STREET

THE SYSTEM OF SOIL CLASSIFICATION SHALL BE IN ACCORDANCE WITH A.S.H.Q. DESIGNATION M-145, AS AMENDED TO DATE, SHOWN IN "STANDARD SPECIFICATIONS FOR HIGHWAY MATERIALS AND METHODS OF SAMPLING AND TESTING, PART 1"

ABBREVIATIONS

AZ	AZIMUTH
B	BASELINE
PGL	PROFILE GRADE LINE
P/G/L	PROFILE OF THE GROUND LINE
P/E	PROFILE GRADE ELEVATION
P/C	POINT OF CROWN
P/R	POINT OF ROTATION
P/C	POINT OF CURVATURE
P/I	POINT OF INTERSECTION
P/C	POINT OF COMPOUND CURVE
T	POINT OF TANGENCY
V/C	POINT OF VERTICAL CURVE
P.V.I.	POINT OF VERTICAL INTERSECTION
P.V.T.	POINT OF VERTICAL TANGENCY
V.C.C.	POINT OF VERTICAL COMPOUND CURVE
V.R.C.	POINT OF VERTICAL REVERSE CURVE
H.S.D.	HEADLIGHT SIGHT DISTANCE
S.D.D.	STOPPING SIGHT DISTANCE
T.S.	TANGENT TO SPIRAL
S.C.	SPIRAL TO CURVE
C.S.	CURVE TO SPIRAL
S.P.	SPIRAL TO TANGENT
S.E.	SUPERELEVATION
R.C.P.	REINFORCED CONCRETE PIPE
S.D.	STORM DRAIN
M.H.	MANHOLE
E.W.	ENDWALL
S.T.D.	STANDARD
V.V.	VALVE VAULT
W.M.	WATER METER
W.V.	WATER VALVE
G.V.	GAS VALVE

NOTE: BORINGS SHOWN ON PLANS WERE CLASSIFIED BY THE UNITED SOIL CLASSIFICATION SYSTEM BY THE FOLLOWING SURVEYOR. THE SELECTION OF THE A.S.H.Q. SYMBOL WAS MADE BY DESIGNER & BASED ON THE DESCRIPTIONS IN THE LOGS.

MADISON ST. TO MARTIN LUTHER KING BLVD.
FEDERAL HIGHWAY NO. M325(I)
THE STATE HIGHWAY PROJECT NO. BC 231-87-815
CITY OF BALTIMORE CONTRACT NO. 2978

FIELD BOOKS

NO.	DESCRIPTIONS
L-1150	LOCATIONS, CROSS SECTIONS

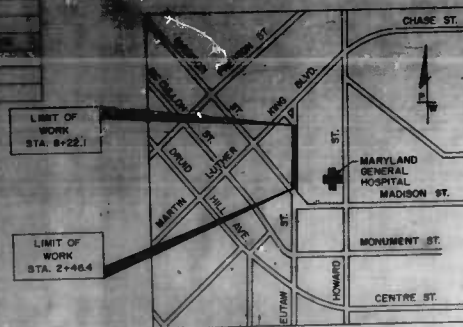
CONVENTIONAL SYMBOLS

GENERAL	
BASE OF SURVEY LINE	
CENTERLINE OF CONSTRUCTION	
BUILDINGS TO BE REMOVED	
BENCH MARKS	
EXISTING	
POLES	
WATER MAIN	
STORM DRAIN	
GAS MAIN	
TELEPHONE CONDUIT	
ELECTRIC CONDUIT	
HEDGE	
FENCE LINE	
STREET WITH CURB & GUTTER	
PROPERTY LINE	
RIGHT OF WAY LINE	
FIRE HYDRANT	
PROPOSED	
RIGHT OF WAY LINE	
CONCRETE SIDEWALK	
COMB CONC CURB & GUTTER	
STORM DRAIN STRUCTURES	
LIGHT POLE PEDESTAL, BRIDGE	
LIGHT POLE PEDESTAL, ROADWAY	
HANDS ON FOR TRAFFIC SIGNAL DEVICES	
SENSOR ELEMENT FOR TRAFFIC SIGNALS	
TRAFFIC SIGNAL POLE	
3" METALLIC CONDUIT	
GUARD RAIL	
WATER MAIN	
DITCH, SOLID SODDING	
DITCH, CONCRETE	
DITCH, PLACED RIPRAP	
NEW ROADWAY PAVEMENT	
STRIPPING EXISTING PAVEMENT	
REMOVAL OF EXISTING PAVEMENT	
WATER METER	

INDEX OF SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2	DETAIL SECTION & DETAILS
3	PLAN: MADISON ST. TO STA. 5+50.0
4	PLAN: STA. 5+50.0 TO MARTIN LUTHER KING BLVD.
5	PROFILE: STA. 2+ TO STA. 8+
6	UTILITY PLAN: MADISON ST. TO STA. 5+50.0
7	UTILITY PLAN: STA. 5+50.0 TO MARTIN LUTHER KING BLVD.
8	TRAFFIC CONTROL PLAN - PHASE I
9	TRAFFIC CONTROL PLAN - PHASE II & PHASE III
10	SUMMARY OF QUANTITIES

PROJECT LENGTH - 0.11 MILES
DESIGN SPEED - 25 M.P.H.



CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS

BY CHIEF ENGINEERING DIVISION	<i>[Signature]</i>	11/2/87
BY CHIEF SURVEYING DIVISION	<i>[Signature]</i>	11/2/87
BY CHIEF DESIGN DIVISION	<i>[Signature]</i>	11/2/87
BY CHIEF UTILITY SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF TRAFFIC CONTROL SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF PAVING SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF CONSTRUCTION SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF MATERIALS SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF INSPECTION SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF RECORDS SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF OFFICE OF THE CITY ENGINEER	<i>[Signature]</i>	11/2/87

THE STATE HIGHWAY ADMINISTRATION OF MARYLAND

BY CHIEF ENGINEER	<i>[Signature]</i>	11/2/87
BY CHIEF DESIGN DIVISION	<i>[Signature]</i>	11/2/87
BY CHIEF UTILITY SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF TRAFFIC CONTROL SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF PAVING SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF CONSTRUCTION SECTION	<i>[Signature]</i>	11/2/87
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BY CHIEF INSPECTION SECTION	<i>[Signature]</i>	11/2/87
BY CHIEF RECORDS SECTION	<i>[Signature]</i>	11/2/87



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

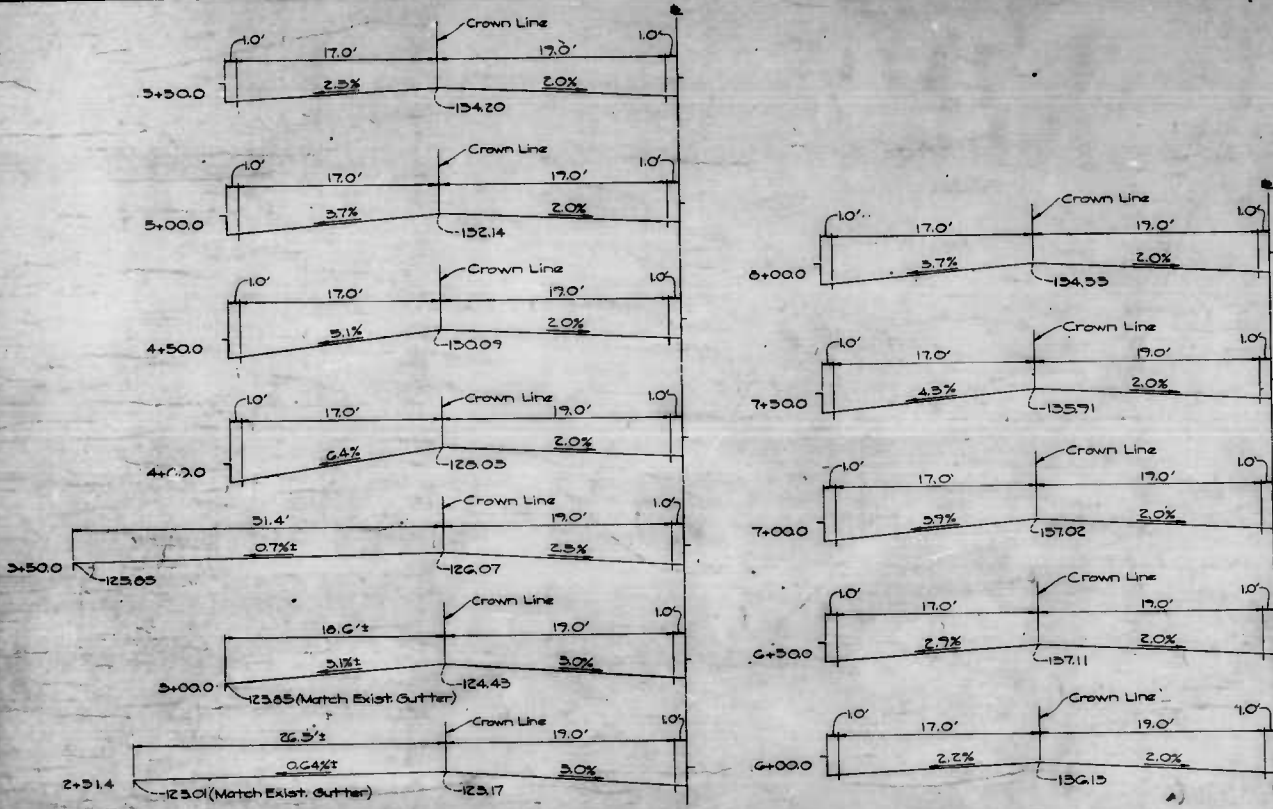
DIVISION ADMINISTRATOR

AS BUILT 3-10-87

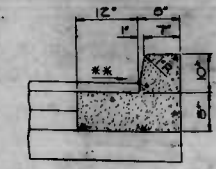
DATE	BY	REVISION
11/2/87	W.M.	11/2/87

FILE REF.

PAGE & SECTION	REVISE	PER. AND DATE	SHEET NO.	TOTAL SHEETS	REVISIONS		
					NO.	DESCRIPTION	DATE BY
3	MD.	M 3/28/10	2	10			

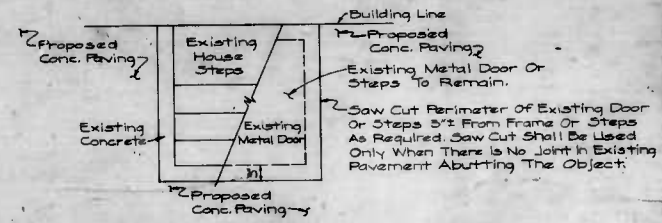


TRANSITION DIAGRAM
Sta. 2+51.4 ~ Sta. 8+00.0

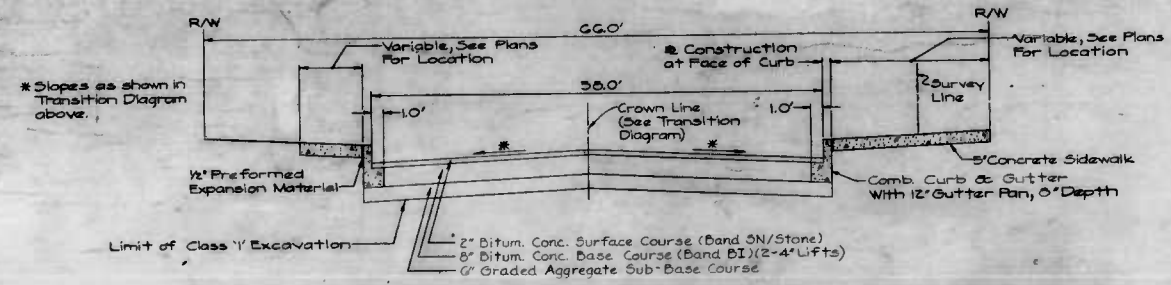


COMBINATION CURB & GUTTER
** Gutter Slope To Match X-Slope Of Pavement - 2% Minimum.

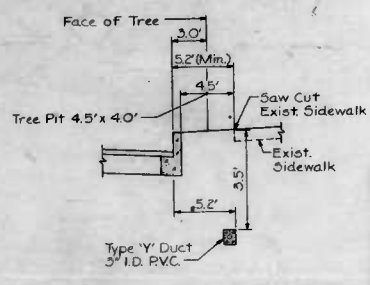
- SYMBOLS**
- Approx. Limit Of Proposed Concrete Walk (5" Depth)
 - Area to be milled 2" depth and resurfaced with 2" Bituminous Surface Course Band 5N



TYPICAL SIDEWALK AT DOOR OR STEPS



DETAIL SECTION
Sta. 2+ ~ Sta. 8+



DETAIL AT TREE PIT AND DUCT

DRAWN BY R.V. Decate
EXAMINED BY J.A. Cizslak

BEATH COMPANY
Engineers - Surveyors
BALTIMORE, MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 2710

EUTAW STREET
MADISON ST. - MARTIN LUTHER KING BLVD
DETAIL SECTION
& DETAILS

SCALE None DATE 1-21-05
HIGHWAY ENGINEERING DIVISION SHEET 2 OF 10

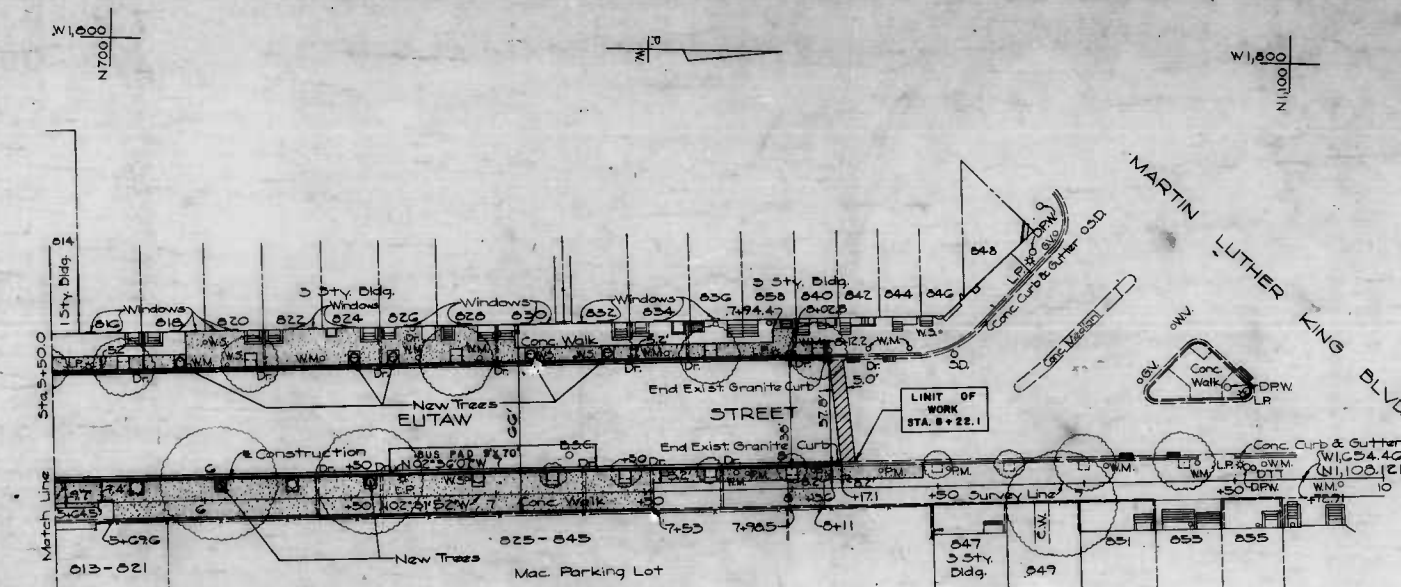
FILE REF.

FILE REF.

Bench Mark #917G Elev. 129.26
 Brass Screw in East Corner of Concrete
 Street Light Base West Side Eutaw St.
 15 3/4 North of Martin Luther King
 Jr. Blvd.

P.N.E.A. DESIGN	DATE	FOR APP. PROJ. NO.	SHEET NO.	TOTAL SHEETS	NO.	REVISIONS	DATE	BY
3.	MD.	M358(W)	4	10				

Note: Any rain leaders (whether shown or not) shall be reconnected as per specification.



Station	Offset & Const.	Dia.	Spread
G+055	2' Rt.	1.9'	40'
G+57	2' Rt.	2.3'	57'

Note: All New Trees to be planted are Tilia Cordata (Little Leaf Linden) 7-Trees this sheet.

W1,500
N700

DRAWN BY R.V. Drozda
 EXAMINED BY J.A. Cieslak

AS BUILT 3-10-87

BEAVER COMPANY
 Engineers - Surveyors
 BALTIMORE, MARYLAND

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 2973

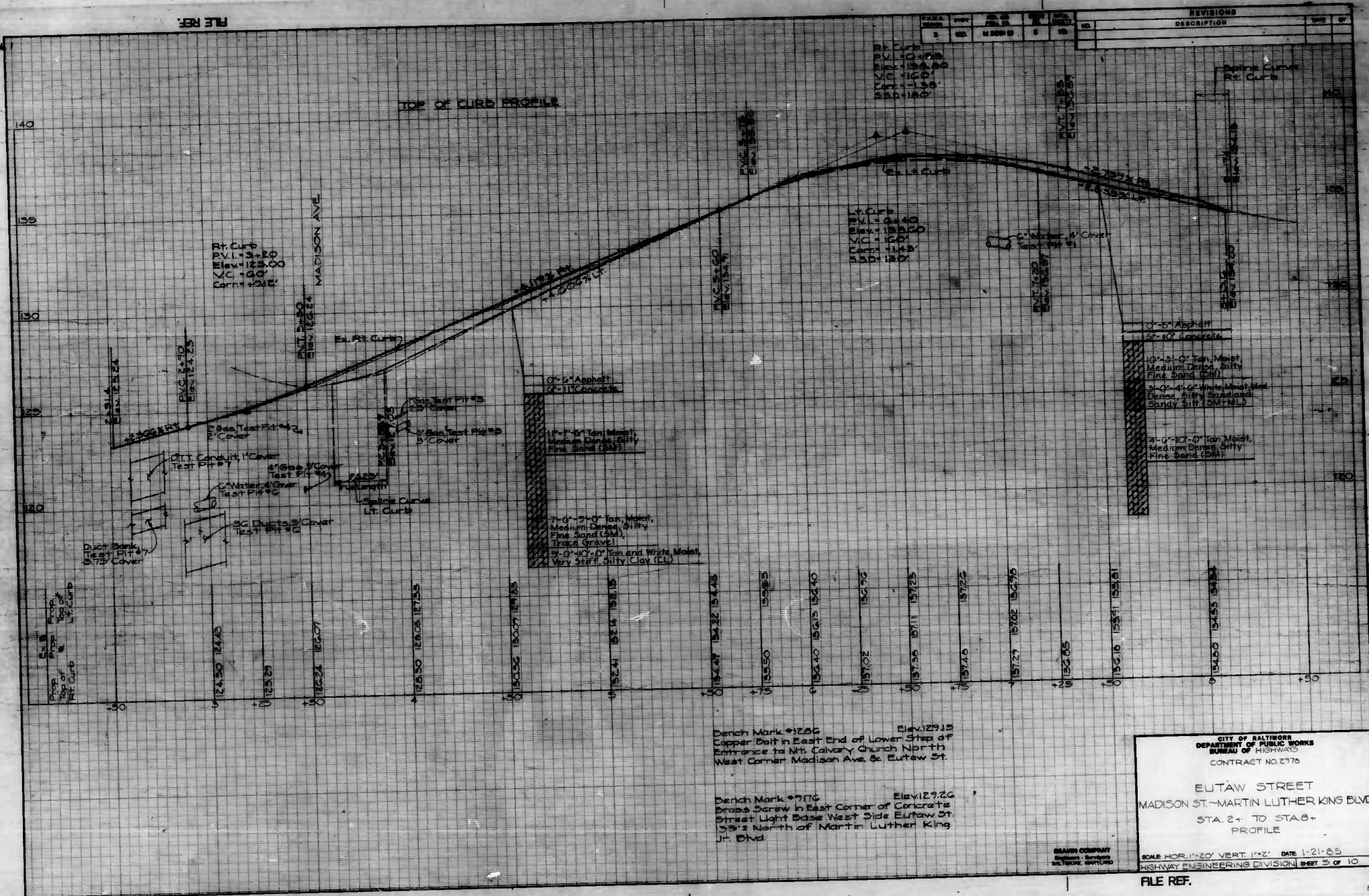
EUTAW STREET
 MADISON ST. - MARTIN LUTHER KING BLVD.
 STA. 5+50.0 TO MARTIN LUTHER KING BLVD.
 PLAN

SCALE 1" = 20'
 DATE 1-21-85
 HIGHWAY ENGINEERING DIVISION SHEET 4 OF 10

FILE REF.

FILE REF.

REVISIONS		NO.	DATE	DESCRIPTION	BY	CHK.
1	ADD	12/28/55				



Bench Mark #1202 Elev. 129.15
Copper Bolt in East End of Lower Step of
Entrance to Mt. Calvary Church North
West Corner Madison Ave. & Eutaw St.

Bench Mark #976 Elev. 129.26
Brass Screw in East Corner of Concrete
Street Light Base West Side Eutaw St.
15' 2" North of Martin Luther King
Jr. Blvd.

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 2776

EUTAW STREET
MADISON ST.-MARTIN LUTHER KING BLVD
STA. 2+ TO STA. 8+
PROFILE

SCALE HOR. 1"=20' VERT. 1"=2' DATE 1-21-55
HIGHWAY ENGINEERING DIVISION SHEET 5 OF 10

FILE REF.

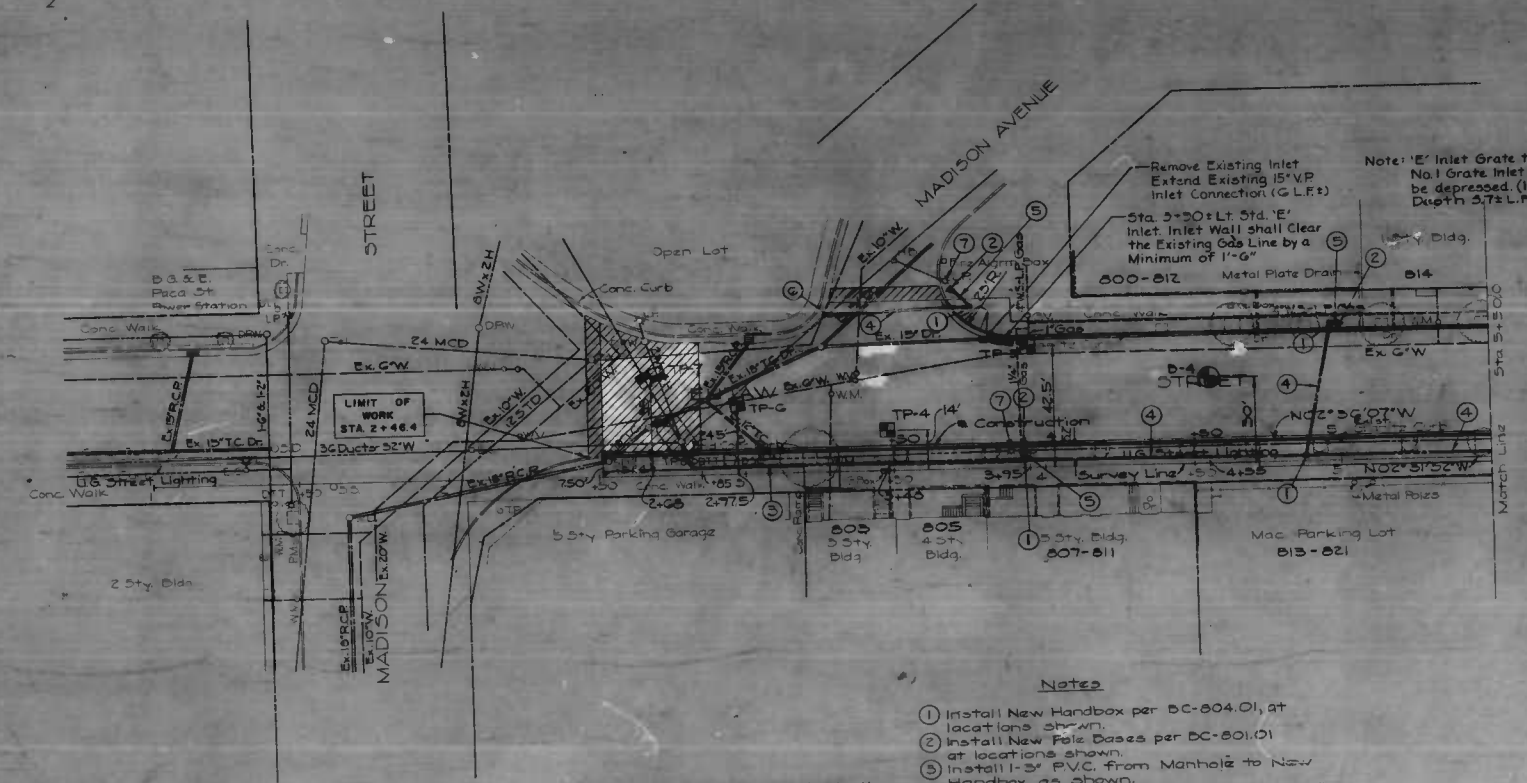
FILE REF.

General Note: 100' Copper Bolt in East End of Lower Step of Entrance to Mt. Calvary Church North West Corner Madison Ave. & Eutaw St.

PN & A REGION	STATE	FED. AID PROJ. NO.	FED. AID DIST. NO.	TOTAL SHEETS	NO. OF SHEETS	REVISIONS
3	MD	M-286(1)	6	10	6	DESCRIBED

W 1,500
N 2,000

W 1,500
N 700



Remove Existing Inlet
Extend Existing 15" V.P.
Inlet Connection (G.L.F.)

Note: 'E' Inlet Grate to be No. 1 Grate. Inlet shall be depressed. (Inlet Depth 3.75' L.F.)

Sta. 2+50.0 Lt. Std. 'E' Inlet. Inlet Wall shall Clear the Existing Gas Line by a Minimum of 1'-6"

800-812 Metal Plate Draw

Notes

- ① Install New Handbox per DC-804.01, at locations shown.
- ② Install New Pole Bases per DC-801.01 at locations shown.
- ③ Install 1-3" P.V.C. from Manhole to New Handbox as shown.
- ④ Install 1-3" P.V.C. from Handbox to Handbox as shown.
- ⑤ Install 1-3" P.V.C. from Handbox to Pole Base as shown.
- ⑥ Install New Handbox on Existing Street Light Duct, as indicated by Conduit Inspector.
- ⑦ Remove Existing Light Pole Bases after New Lights are in operation.

Note: Contractor shall adjust all utilities to meet the new finished pavement grade.

New Handboxes & Pole Bases

Light Station	Offset	Handboxes Station	Offset
3+70	55' Lt.	3+29	48' Lt.
5+23	25' Rt.	3+76	
5+00	40' Lt.	3+33	52' Rt.
6+12	25' Rt.	4+08	52' Rt.
7+26	40' Lt.	4+97	40' Lt.
8+42	25' Rt.	6+12	52' Rt.
		7+12	52' Rt.
		7+22	40' Lt.
		8+42	52' Rt.

Note: All Offsets For Light Bases & Handboxes were measured from the Baseline of Construction.

DRAWN BY R.V. Brocato
EXAMINED BY J.A. Cieslak

BEAVER COMPANY
Engineers - Surveyors
BALTIMORE, MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 2976

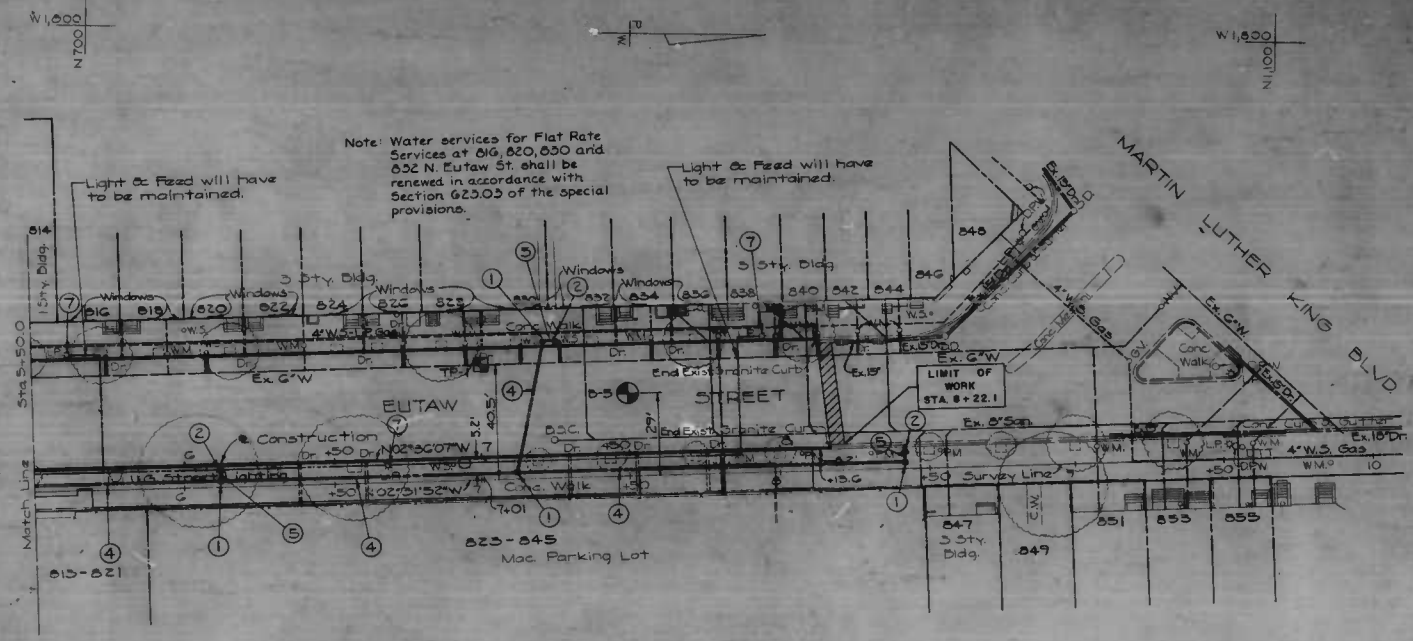
EUTAW STREET
MADISON ST. - MARTIN LUTHER KING BLVD
MADISON ST. TO STA. 5+50.0
UTILITY PLAN

SCALE 1" = 20'
DATE 1-21-65
HIGHWAY ENGINEERING DIVISION SHEET 6 OF 10

FILE REF.

Demark * 15
 Brass Screw in East Corner of Concrete
 Street Light Base West Side Eutaw St
 15.5' North of Martin Luther King
 Jr. Blvd.

NO.	DATE	BY	DESCRIPTION
3	MD.	M 3291U1	7 10



Note: Water services for Flat Rate
 Services at 816, 820, 830 and
 832 N. Eutaw St. shall be
 renewed in accordance with
 Section 620.03 of the special
 provisions.

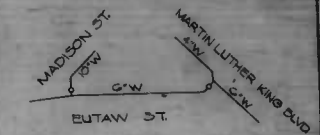
Light & Fixd will have
 to be maintained.

Light & Fixd will have
 to be maintained.

WATER NOTES

- ① Notify The Bureau Of Water & Waste
 Water Maintenance Division at 576-0243
 One (1) Week Before Starting Work.
- ② All Exist. Valves Shall be Operated by The
 Bureau Of Water & Waste Water
 Maintenance Division Forces Only.
- ③ All Water Supply Services, Fire
 Hydrants, and/or Water Relocations
 Shall be Done in Accordance With
 The Contract Documents and
 The Book Of Standards.
- ④ Contractor Shall Observe Extreme
 Caution When Working Near Or
 Over Exist. Water Facilities.
- ⑤ Replace Exist. Water Supply
 Services, and/or Meters in
 Eutaw St.

Working Pressure... 99 p.s.i.
 Test Pressure... 150 p.s.i.



SHUT OFF DIAGRAM
 Not To Scale

Notes:
 For locations on New Handboxes &
 Pole Bases, see sheet G.
 For Lighting Notes, see sheet G.

Note: Contractor shall adjust all
 utilities to meet the new
 finished pavement grade.

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO 2978

EUTAW STREET
 MADISON ST. - MARTIN LUTHER KING BLVD
 STA. 5+50.0 TO MARTIN LUTHER KING BLVD
 UTILITY PLAN

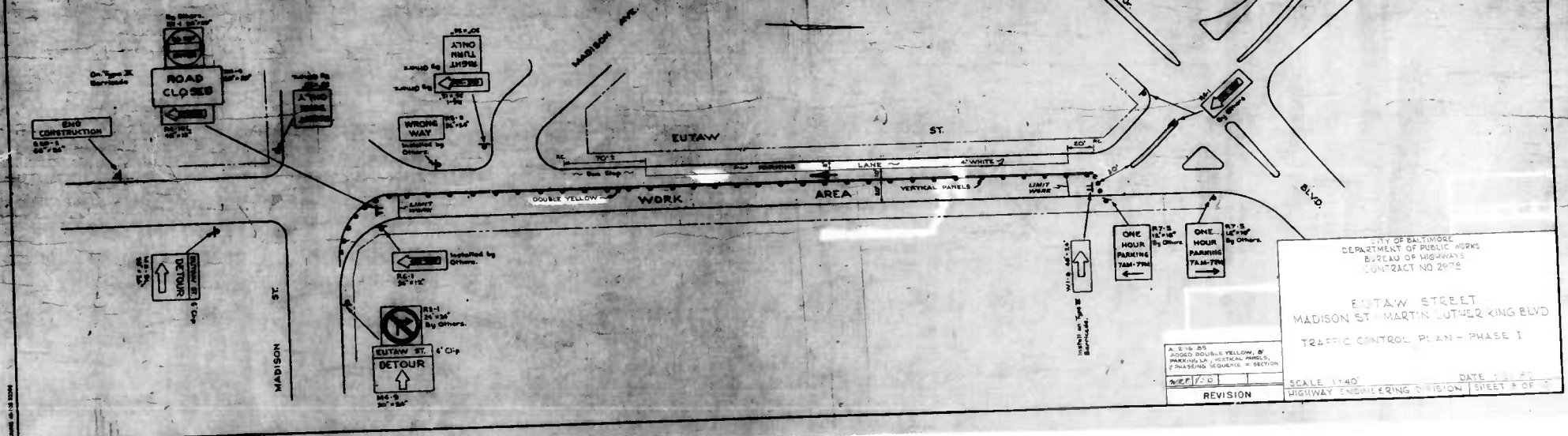
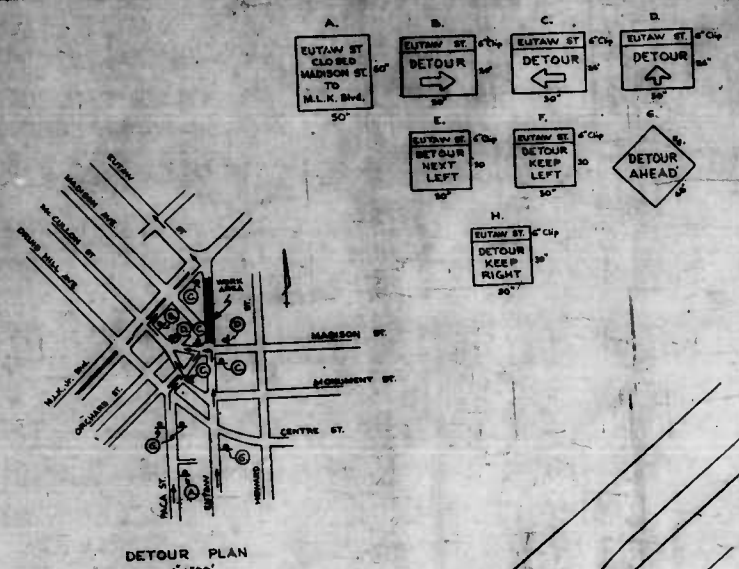
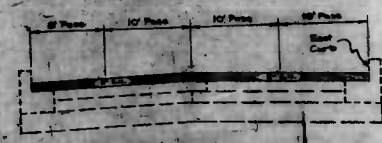
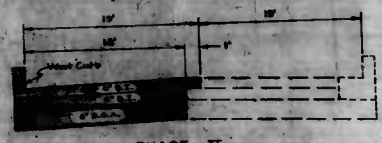
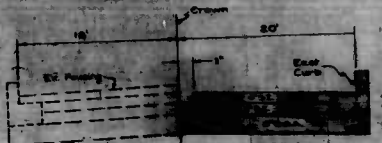
BEAVIN COMPANY
 Engineers - Surveyors
 BALTIMORE, MARYLAND

SCALE 1" = 20'
 DATE 1-21-85
 HIGHWAY ENGINEERING DIVISION SHEET 7 OF 10

DRAWN BY R.V. Brocato
 EXAMINED BY J.A. Cizlak

FILE REF.

- NOTE:**
- A. PLACEMENT OF SIGNS TO BE DIRECTED BY ENGINEER
 - B. ONE LANE OF TRAFFIC SHALL BE MAINTAINED ON EUTAW ST. BETWEEN MADISON / M.L.K. JR. BLVD. AT ALL TIMES.
 - C. ALL TRAFFIC SIGNALS, SIGNALS AND SIGNS SHALL CONFORM TO THE "M.U.T.C.D." CURRENT EDITION.
 - D. REGULATORY SIGNS TO BE INSTALLED BY DEPT. OF TRANSPORTATION.
 - E. CONTRACTOR TO MAINTAIN ALL SIGNS.
 - F. CONTRACTOR TO BE RESPONSIBLE FOR INSTALLATION AND REMOVAL OF ALL TEMPORARY ROADMARKINGS.
 - G. CONTRACTOR TO NOTIFY T.F.T. ONE (1) WEEK PRIOR TO OPENING COMPLETED ROADWAY FOR INSTALLATION OF PERMANENT PAINT PATTERNS.



CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 2975

EUTAW STREET
MADISON ST. - MARTIN LUTHER KING BLVD.
TRAFFIC CONTROL PLAN - PHASE I

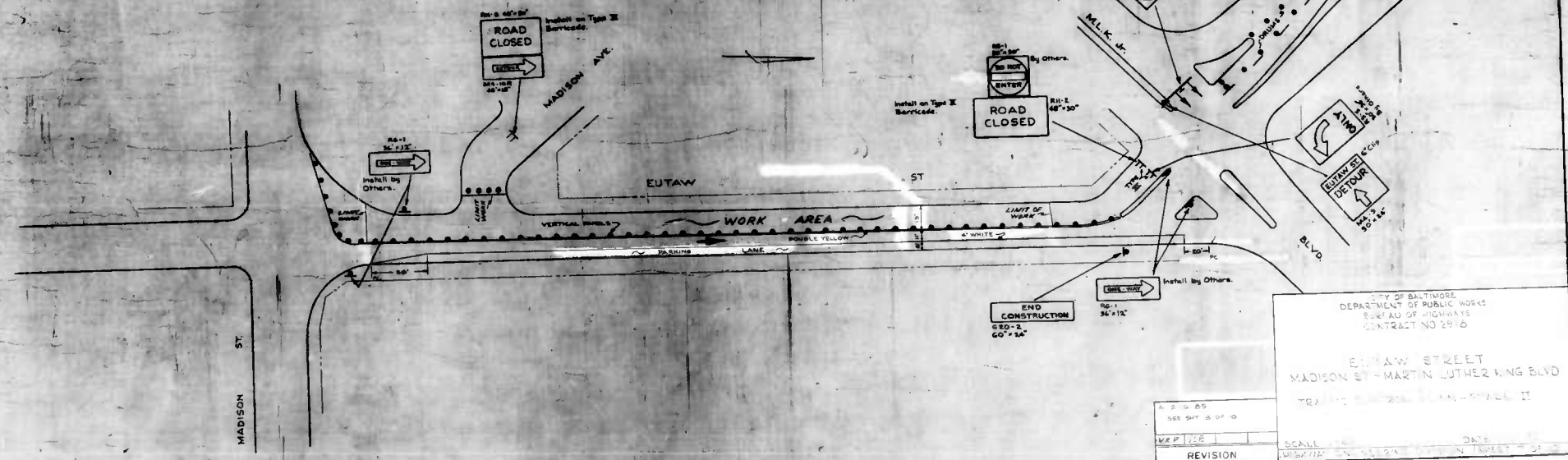
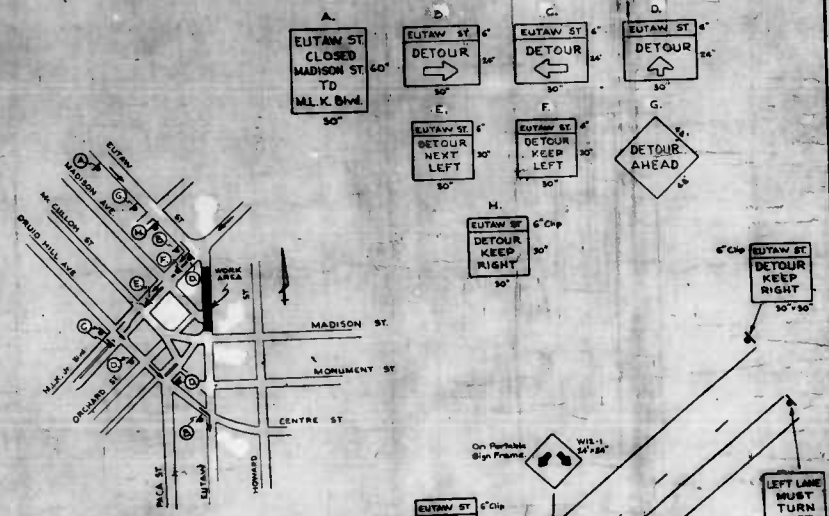
SCALE 1" = 40'

DATE: _____

REVISION _____

HIGHWAY ENGINEERING DIVISION | SHEET # OF _____

- NOTE:**
- A. PLACEMENT OF SIGNS TO BE DIRECTED BY CHANGER.
 - B. ONE LANE OF TRAFFIC SHALL BE MAINTAINED ON EUTAW ST. BETWEEN MADISON / M.L.K. JR. BLVD. AT ALL TIMES.
 - C. ALL TRAFFIC CONTROL DEVICES AND SIGNS SHALL CONFORM TO THE "M.U.T.C.D." CURRENT EDITION.
 - D. REGULATORY SIGNS TO BE INSTALLED BY DEPT. OF TRANSPORTATION.
 - F. CONTRACTOR TO PLACE ALL SIGNS.
 - G. CONTRACTOR TO BE RESPONSIBLE FOR INSTALLATION AND REMOVAL OF ALL TEMPORARY PAVEMENT MARKINGS.
 - H. CONTRACTOR TO NOTIFY T/T ONE (1) WEEK PRIOR TO OPENING COMPLETED ROADWAY FOR INSTALLATION OF PERMANENT PAVEMENT.



CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 29-0

EUTAW STREET
 MADISON ST - MARTIN LUTHER KING BLVD
 TRAFFIC CONTROL PLAN - SHEET II

SCALE: 1" = 50'

DATE: 10/15/00

REVISION

DRAWING NO. 100-1100

FILE REF

SUMMARY OF QUANTITIES

FNUA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	REVISIONS	
					NO.	DATE BY
3	MD.	M 32810	10	10		

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
CATEGORY 1 - PRELIMINARY					
1001	ENGINEERS OFFICE NO. 2	L.S.	LUMP SUM		LUMP SUM
1002	MAINTENANCE OF TRAFFIC	L.S.	LUMP SUM		LUMP SUM
1003	TEMPORARY PAINTED STRIPE MARKING	L.S.	1500		1500
1004	CONSTRUCTION STAKEOUT	L.S.	LUMP SUM		LUMP SUM
1005	MOBILIZATION	L.S.	LUMP SUM		LUMP SUM
1006	REMOVAL OF TREES	E.A.	20		20
1007	PLASTIC TRAFFIC DRUMS AND STEADY BURNING LIGHTS	E.A.	3		3
1008	TYPE 3 BARRIAGE WITH TRAFFIC CONTROL SIGN	S.F.	220		220
1009	TEMPORARY TRAFFIC SIGNS	L.F.	1400		1400
1010	TEMPORARY STRIPING - YELLOW	L.F.	600		600
1011	TEMPORARY STRIPING - WHITE	L.F.	40		40
1012	VERTICAL PANELS	E.A.	700		700
1013	TEMPORARY PREFORMED PLASTIC PAVEMENT MARKINGS - WHITE	L.F.	1400		1400
1014	TEMPORARY PREFORMED PLASTIC PAVEMENT MARKINGS - YELLOW	L.F.	2,100		2,100
1015	REMOVAL OF TEMPORARY PREFORMED PLASTIC PAVEMENT MARKINGS	L.F.			
CATEGORY 2 - GRADING					
2001	CLASS I EXCAVATION	C.Y.	1,428	24	1,450
2002	CLASS I-A EXCAVATION	C.Y.	100		100
2003	CONTINGENT BORROW EXCAVATION TYPE II	C.Y.		100	100
2004	TEST PIT EXCAVATION	C.Y.	10		10
2005	CONCRETE SAW CUTTING, 2' DEPTH	L.F.	340		340
CATEGORY 3 - DRAINAGE					
3001	SELECTED BACKFILL USING AASHTO #57 STONE OR GRAVEL	C.Y.	10		10
3002	STANDARD TYPE E INLET	L.F.	37		37
3003	8 INCH PERFORATED CIRCULAR PIPE UNDERDRAIN	L.F.	30		30
3004	UNDERDRAINS 3 INCH OR 4 INCH PVC UNDERDRAIN OUTLETS	L.F.	200		200
3005	REMOVAL OF OLD INLETS ANY SIZE OR TYPE	E.A.	1		1
3006	18 INCH VITRIFIED PIPE INLET CONNECTION	L.F.	6		6

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
CATEGORY 5 - PAVEMENT					
5001	6 IN SUB-BASE USING GRADED AGGREGATE FOR SUB-BASE CRSE	S.Y.	2,439	11	2,450
5002	BITUMINOUS CONCRETE USING SAND SM/STONES	TON	275	5	280
5003	BITUMINOUS CONCRETE USING SAND SP	TON	15	1	20
5004	BITUMINOUS CONCRETE USING SAND S	TON	550	10	560
5005	REMOVAL OF BITUMINOUS PAVING MATERIAL 2 INCH DEPTH	S.Y.	221	4	225
5006	BITUMINOUS MATERIAL FOR TACK COAT	GAL	50		50
5007	ROADWAY STRUCTURE ADJUSTMENT 12 INCH TO LESS THAN 30 INCH DIAMETER COVER	E.A.	4		4
CATEGORY 6 - SHOULDERS					
6001	8 INCH CONCRETE SIDEWALK	S.F.	7,640		7,640
6002	COMBINATION CURB AND GUTTER 12 IN GUTTER MAX 8 IN DEPTH	L.F.	1,020		1,020
6003	5 INCH EXPOSED AGGREGATE CONCRETE SIDEWALK	S.F.	45		50
CATEGORY 7 - ROADSIDE IMPROVEMENTS					
7001	WATERING	M.G.	3		3
7002	TILIA CORNUTA 3.5-4 IN. CAL. 8.8.8	E.A.	8		8
CATEGORY 8 - UTILITIES					
8001	ROADWAY PEDESTAL BASES 11 INCH BOLT CIRCLE	E.A.	6		6
8002	TYPE Y DUCT SECTION 1-3 IN. I.D.	L.F.	728	2	730
8003	RELOC. 3/4 IN. WATER SERV. / 5/8 IN. MET.	E.A.	2		2
8004	RELOC. 1 IN. WATER SERV. / 3/4 IN. MET.	E.A.	1		1
8005	RELOC. 3/4 IN. WATER SERV.	E.A.	3		3
8006	RELOC. 3/4 IN. WATER SERV. / 3/4 IN. MET.	E.A.	3		3
8007	REMOVE EXISTING POLE BASE ANY SIZE	E.A.	5		5
8008	HANDBOX CONDUIT	E.A.	9		9
8009	RELOC. 3/4 IN. UNMETERED WATER SERVICE FLAT RATE	E.A.	4		4

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 2973

EUTAW STREET
 MADISON ST.-MARTIN LUTHER KING BLVD
 SUMMARY OF QUANTITIES

BEAVIN COMPANY
 Engineers-Surveyors
 BALTIMORE, MARYLAND

SCALE: NONE DATE: 1-21-65
 HIGHWAY ENGINEERING DIVISION SHEET 10 OF 10

FILE REF.

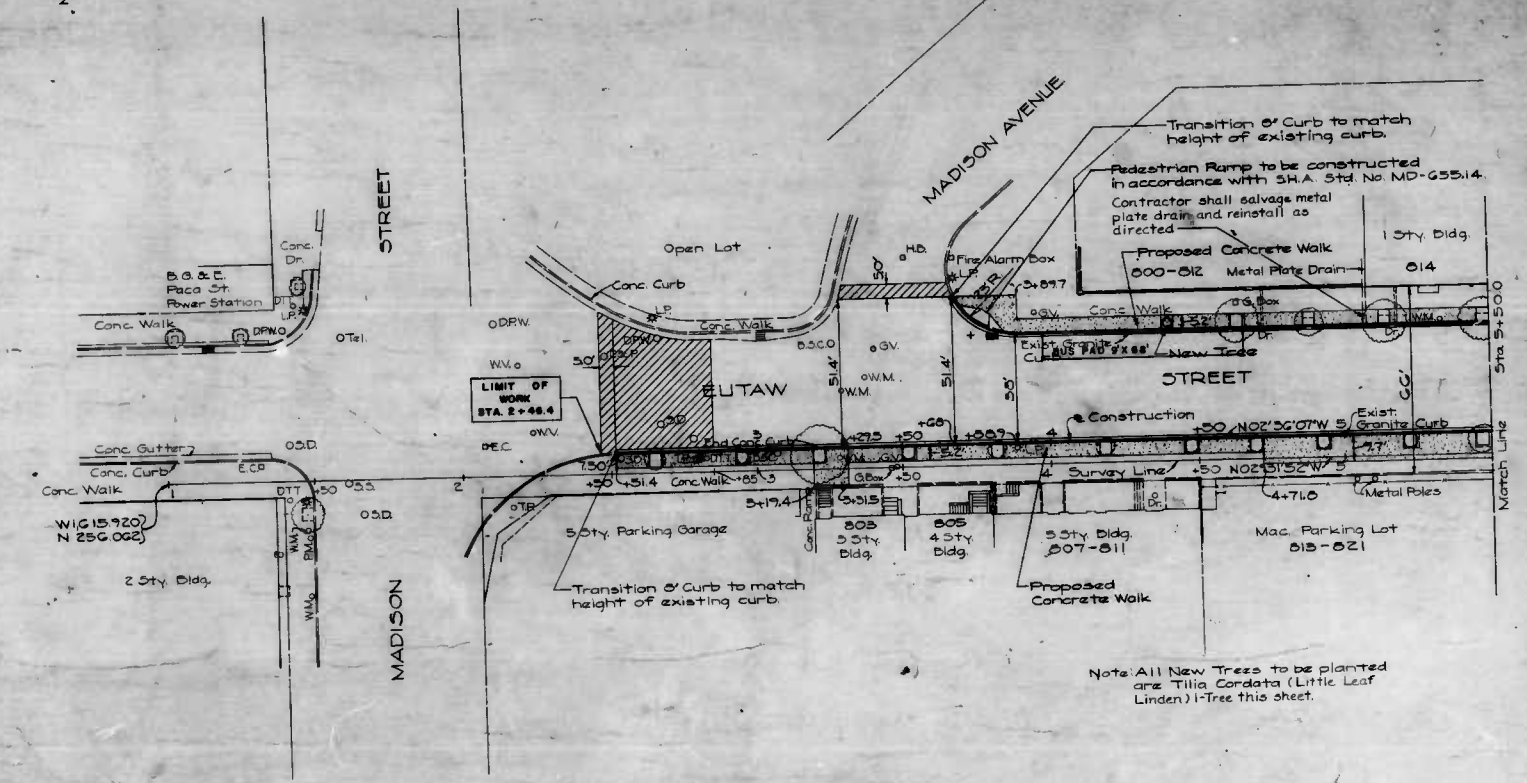
Bench Mark *1206 Elev. 129.15
Copper Bolt in East End of Lower Step of
Entrance to Mt. Calvary Church North
West Corner Madison Ave. & Eutaw St.

DATE	BY	DESCRIPTION
3-10-87	AS BUILT	

Note: Any rain leaders (whether shown or not) shall be reconnected as per specification.

W1,000
N 200

W1,000
N 700



Note: All New Trees to be planted are Tilia Cordata (Little Leaf Linden) 1-Tree this sheet.

W1,500
N 200

DRAWN BY R.V. Decato
EXAMINED BY J.A. Cieslak

AS BUILT 3-10-87

BEAVER COMPANY
Engineers - Surveyors
BALTIMORE, MARYLAND

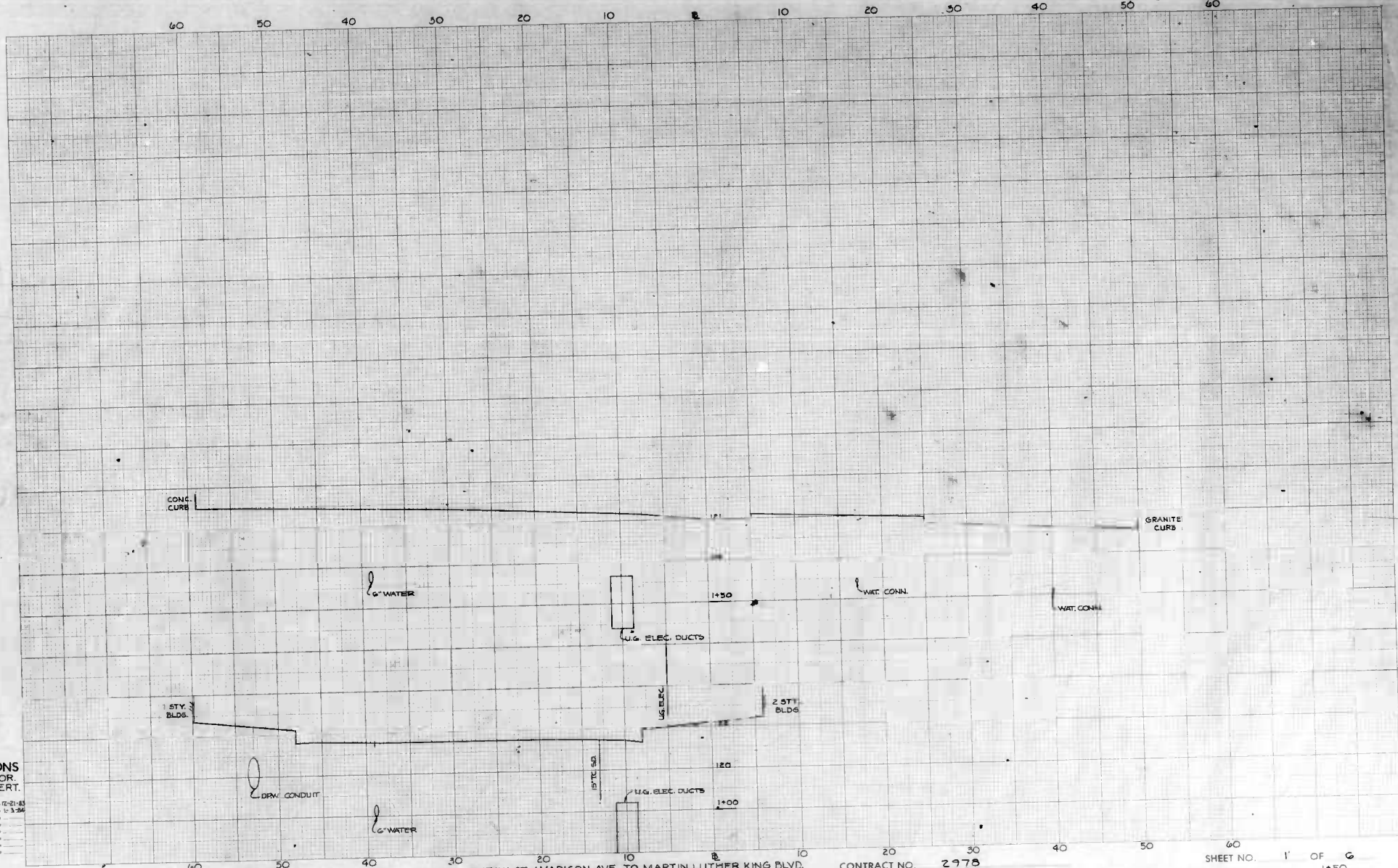
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 2976

EUTAW STREET
MADISON ST. ~ MARTIN LUTHER KING BLVD
MADISON ST. TO STA. 5+50.0
PLAN

SCALE 1" = 20'
DATE 1-21-65
HIGHWAY ENGINEERING DIVISION SHEET 5 OF 10

FILE REF.

60 50 40 30 20 10 0 10 20 30 40 50 60



CROSS SECTIONS
Scale 1 inch = 5' HOR.
2" VERT.

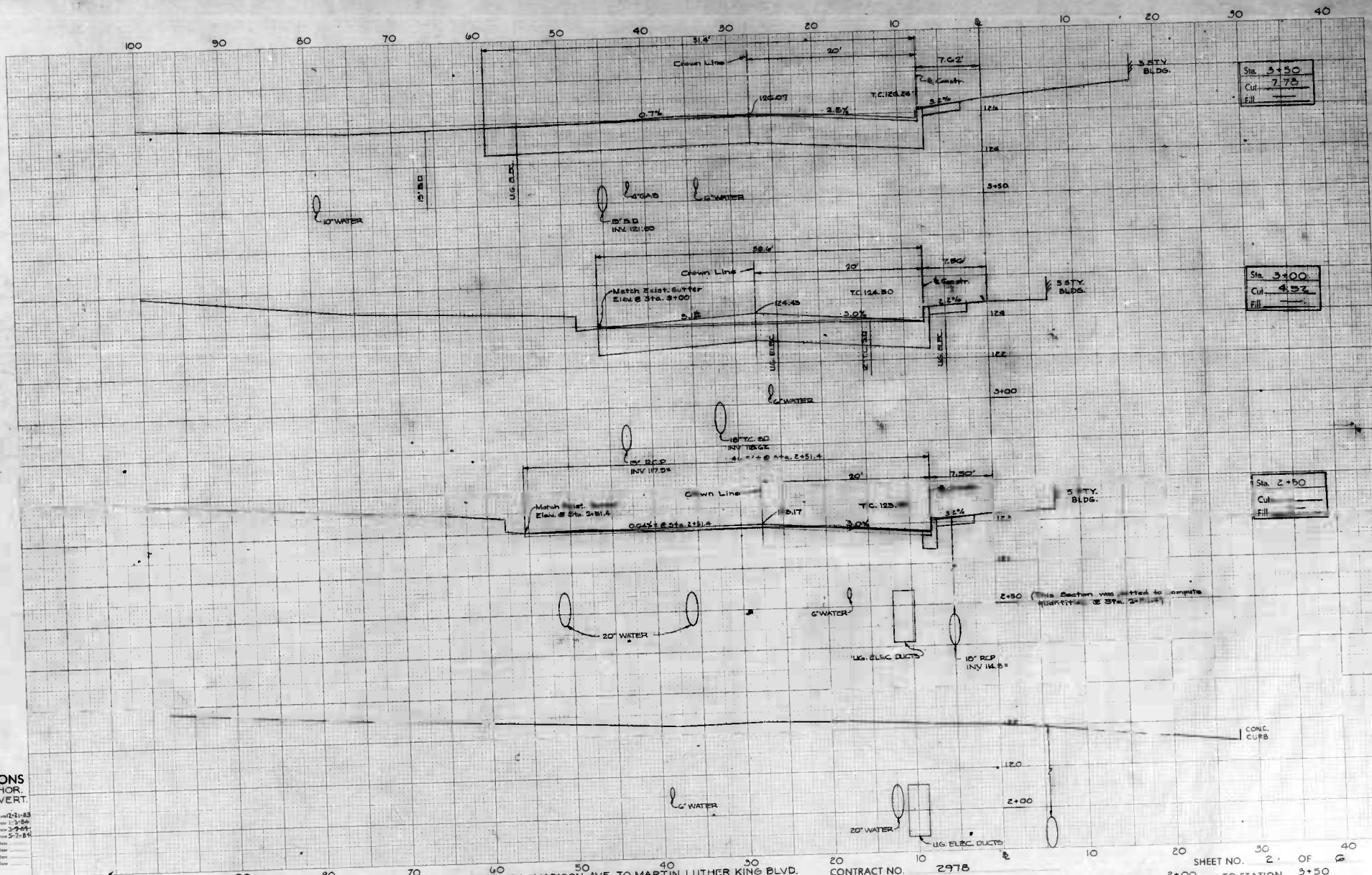
Original Prepared by	K.A.K.	Date	7-21-53
Original Checked by	C.D.T.	Date	5-3-54
Revised by		Date	
Final Checked by		Date	
As by		Date	
As by Checked by		Date	

BOOK NO. L-1150

PROJECT EUTAW ST. / MADISON AVE. TO MARTIN LUTHER KING BLVD.
DESCRIPTION EUTAW ST. - CROSS SECTIONS

CONTRACT NO. 2978

STATION 1+00 SHEET NO. 1 OF 6 TO STATION 1+50



Sta. 3+50
Cut: 7.75
Fill: —

Sta. 3+00
Cut: 4.52
Fill: —

Sta. 2+50
Cut: —
Fill: —

2+50 (This Section was added to compute right-of-way @ Sta. 2+50)

CONC. CURB

CROSS SECTIONS
Scale 1 inch = 5' HOR.
2' VERT.

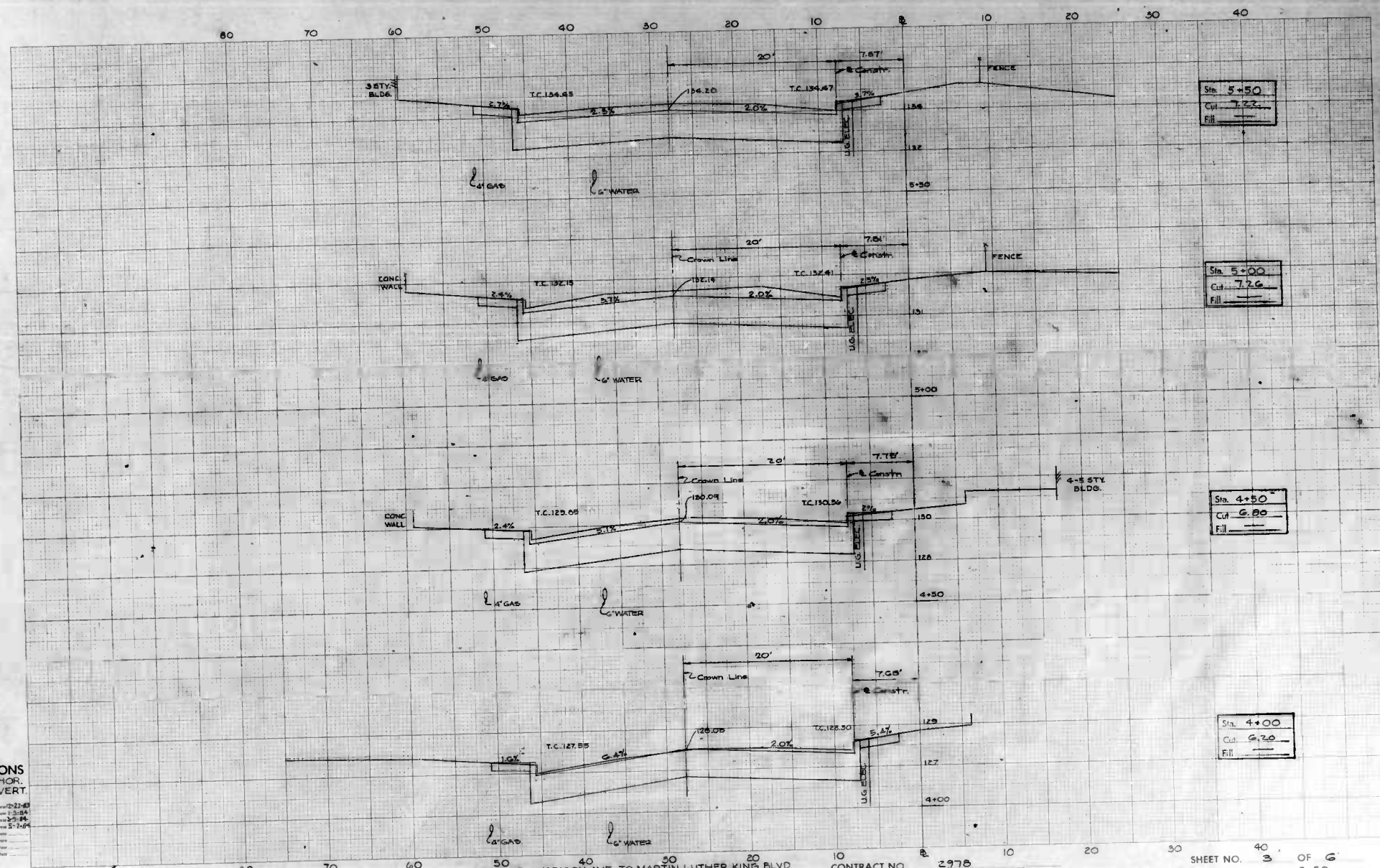
Original Prepared by: K.A.K. Date: 12-21-83
Designed/Checked by: C.D.T. Date: 1-3-84
Transmitted by: R.V.B. Date: 3-2-84
As by: K.A.K. Date: 5-7-84
Field Checked by: Date:
Area Checked by: Date:

BOOK NO. L-1150

PROJECT EUTAW ST. / MADISON AVE. TO MARTIN LUTHER KING BLVD.
DESCRIPTION EUTAW ST. - CROSS SECTIONS

CONTRACT NO. 2978

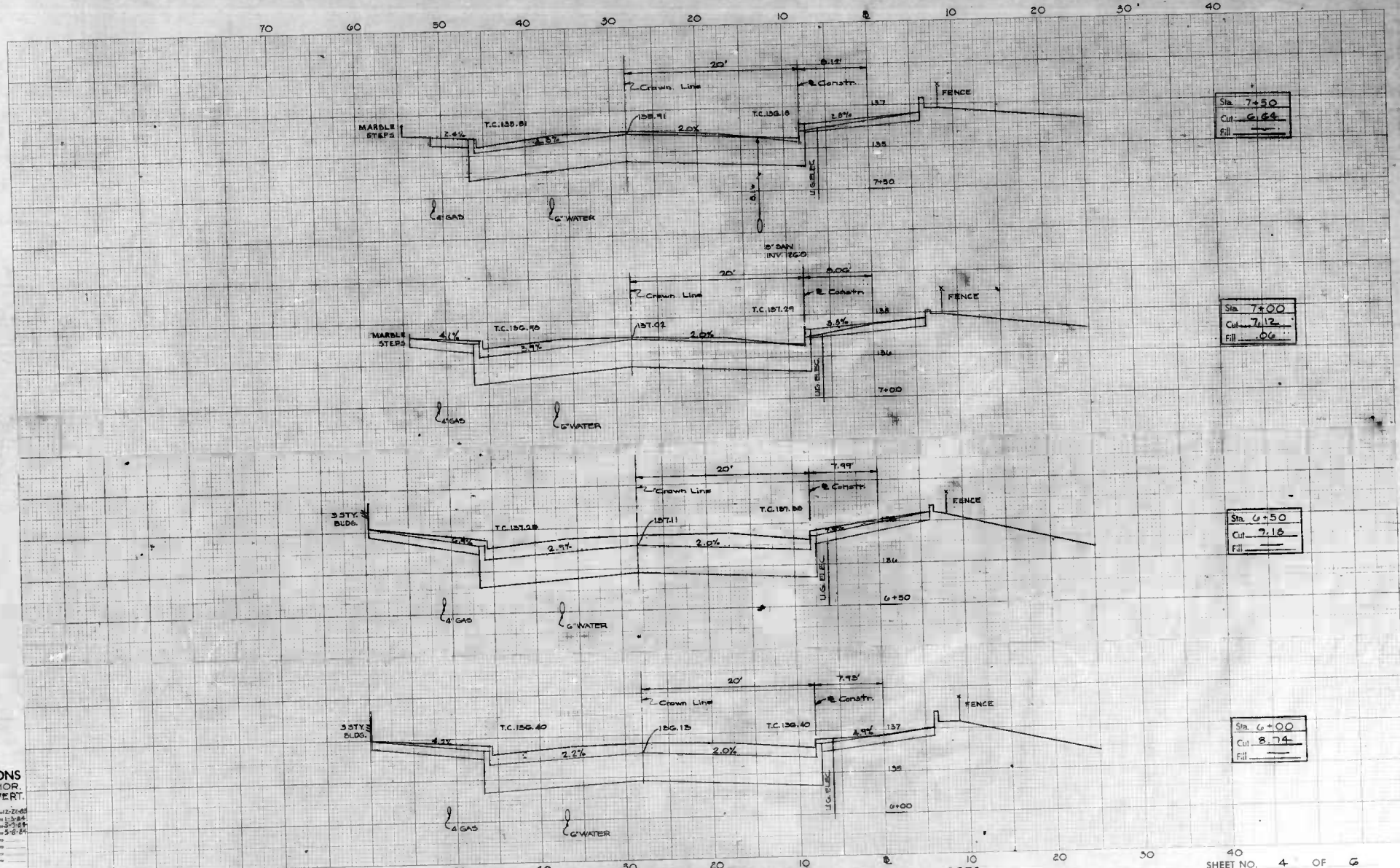
SHEET NO. 2 OF 2
STATION 2+00 TO STATION 3+50



CROSS SECTIONS
Scale 1 inch = 5' HOR.,
2" VERT.

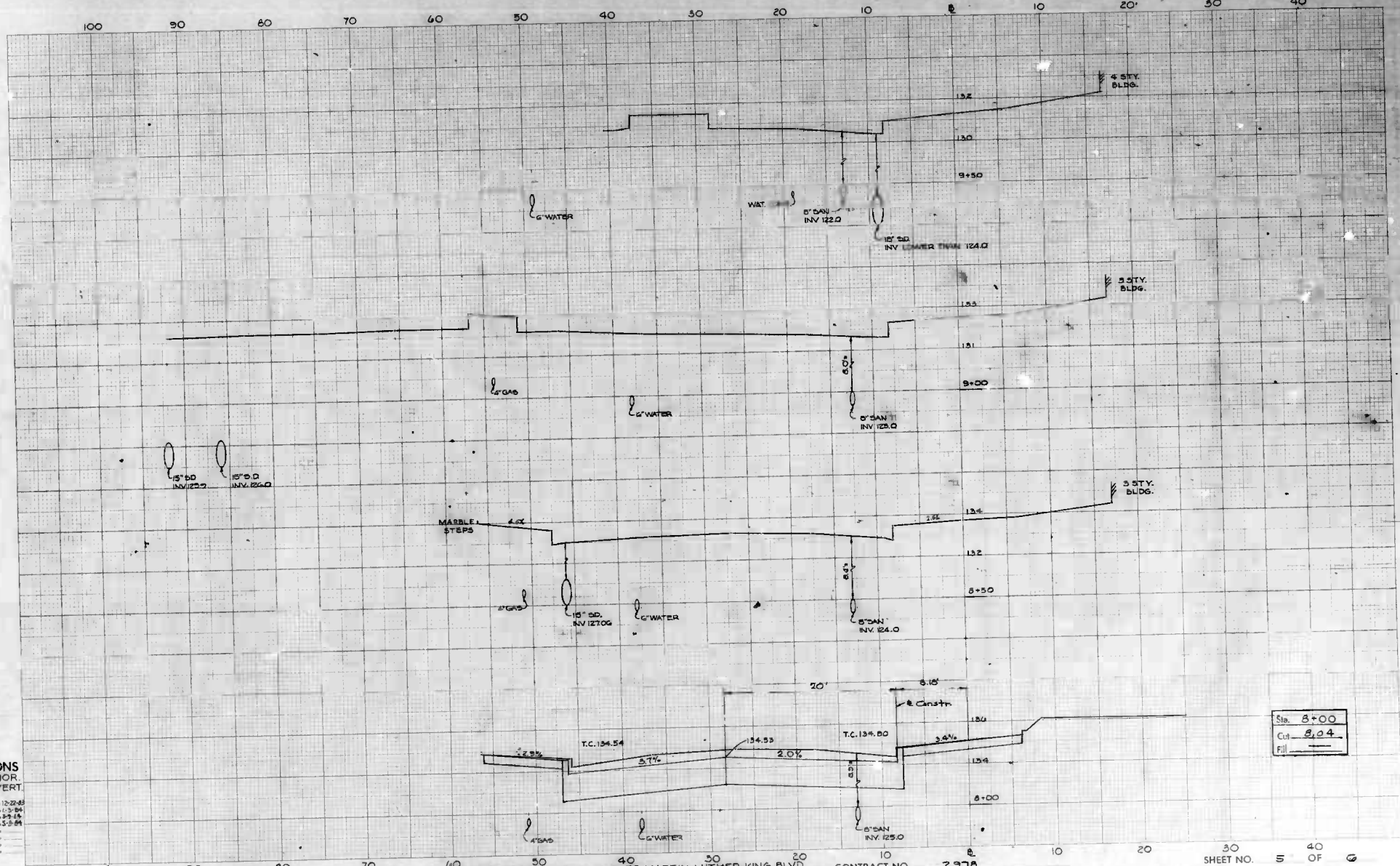
Original Prepared by: K.A.K. Date: 2-23-61
Original Checked by: C.D.T. Date: 3-3-61
Reviewed by: R.V.S. Date: 3-16-61
Area by: K.A.K. Date: 5-7-61
Final Prepared by: Date:
Final Checked by: Date:
Area Checked by: Date:

DESCRIPTION EUTAW ST. - CROSS SECTIONS



CROSS SECTIONS
Scale 1 inch = 5' HOR.
2' VERT.

Original Plan by KAK Date 2-27-58
Original Crossed by KAK Date 1-3-58
Verified by R.J.B. Date 3-11-58
Area by KAK Date 5-8-58
Plotted by _____ Date _____
Checked by _____ Date _____
Area by _____ Date _____
Any Check by _____ Date _____



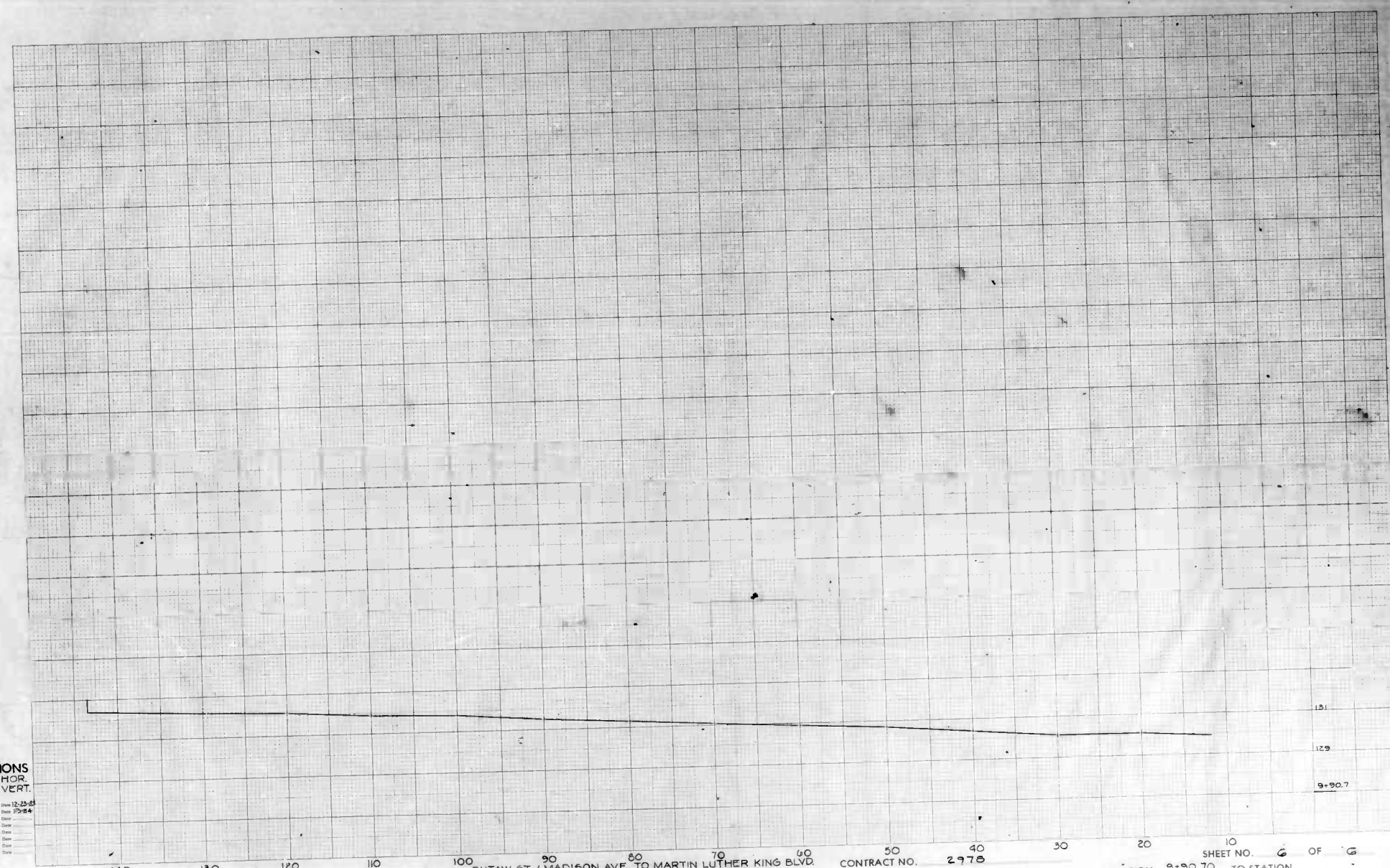
Sta.	8+00
Cut	8.04
Fill	—

CROSS SECTIONS

Scale 1 inch = 5' HOR.
2' VERT.

Original Plan by K.A.K. Date 12-22-85
 Original Section by E.C.T. Date 1-13-86
 Titled by S.T.B. Date 3-9-86
 Drawn by K.A.K. Date 5-3-89
 Field Checked by _____
 Area by _____
 Area Checked by _____

BOOK NO. L-1150 PROJECT EUTAW ST. / MADISON AVE. TO MARTIN LUTHER KING BLVD CONTRACT NO. 2978 SHEET NO. 5 OF 6
 DESCRIPTION EUTAW ST. - CROSS SECTIONS STATION 8+00 TO STATION 9+50



CROSS SECTIONS
 Scale 1 inch = 5' HOR.
 2" VERT.

Original Planned by K.A.K. Date 12-22-63
 Original Checked by G.D.C. Date 12-24-63
 Prepared by _____ Date _____
 Plotted by _____ Date _____
 Field Checked by _____ Date _____
 Area by _____ Date _____
 Area Checked by _____ Date _____

140 130 120 110 100 90 80 70 60 50 40 30 20 10
 BOOK NO. L-1150 PROJECT EUTAW ST. / MADISON AVE. TO MARTIN LUTHER KING BLVD. CONTRACT NO. 2978 SHEET NO. 6 OF 6
 DESCRIPTION EUTAW ST. - CROSS SECTIONS STATION 9+90.70 TO STATION 9+90.7