

INTERSTATE

95

TITLE SHEETS

TITLE SHEETS

INTERSTATE 83	INTERSTATE 95	INTERSTATE 170
St. Plans	1781	2219
Const. Design	1959	2270
1799	1962	2271 R
1821	1969	2273
1821 R *	1971	2301
1825	1983	2314
1961	1984	2368
1980	1995	2410
2048	1996	2418
2108	1997	2437
2217	1998	
2264	2071	
2335	2072	
2416	2073	
	2115	
	2140	
	2156	
	2157	
	2158	
	2195	
	2198	
	(199)	
	2200	
	2202	
	2203	
	2204 *	
		2084
		2198
		2199 *
		2200 *
		2234
		2234 R
		2235
		2286

ABBREVIATIONS

BIT	BITUMINOUS	PVC	POINT OF VERTICAL CURVATURE
BLDG	BUILDING	PVT	POINT OF VERTICAL TANGENCY
CL	CLASS	R.C.P.	REINFORCED CONCRETE PIPE
COMB	COMBINATION	S/E	SUPERELEVATION
DWY	DRIVEWAY	SAN	SANITARY
EST	ESTABLISHED	S.D.	STORM DRAIN
EX/EXIST	EXISTING	STD	STANDARD
MAC	MACADAM	V.V.	VALVE VAULT
MAT	MATERIAL	P/G.E.	PROFILE GRADE ELEVATION
PC	POINT OF CURVATURE	P/C	POINT OF CROWN
PI	POINT OF INTERSECTION	H.S.D.	HEADLIGHT SIGHT DISTANCE
P.G.L.	PROFILE GRADE LINE	S.S.D.	STOPPING SIGHT DISTANCE
P/G.L.	PROFILE GROUND LINE	P.V.R.C.	POINT OF VERTICAL REVERSE CURVATURE
P.C.C.	POINT OF COMPOUND CURVE		
PT	POINT OF TANGENCY	P/R	POINT OF ROTATION
B.C.C.M.P.	BITUMINOUS COATED CORRUGATED METAL PIPE	G.R.	GUARD RAIL
		M.H.	MANHOLE
BLK	BLOCK	N.B.R.	NORTHBOUND ROADWAY
BM	BENCH MARK	RET. W.	RETAINING WALL
BR	BRICK	S & M	SEED & MULCH
C.I.P.	CAST IRON PIPE	S.D.	SIDE DITCH
CONC	CONCRETE	S.B.R.	SOUTHBOUND ROADWAY
DWG	DWELLING	STA	STATION
ELEV.	ELEVATION	STY.	STORY
F.H.	FIRE HYDRANT	SURF.	SURFACE
FR	FRAME	UD.	UNDERDRAIN
GAR.	JARAGE	V.P.	VITRIFIED PIPE
G.	GAS LINE	W.	WATER LINE
G.M.	GAS MAIN	W.M.	WATER METER
G.V.	GAS VALVE	T.C.	TOP OF COVER
INV.	INVERT	T.G.	TOP OF GRATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

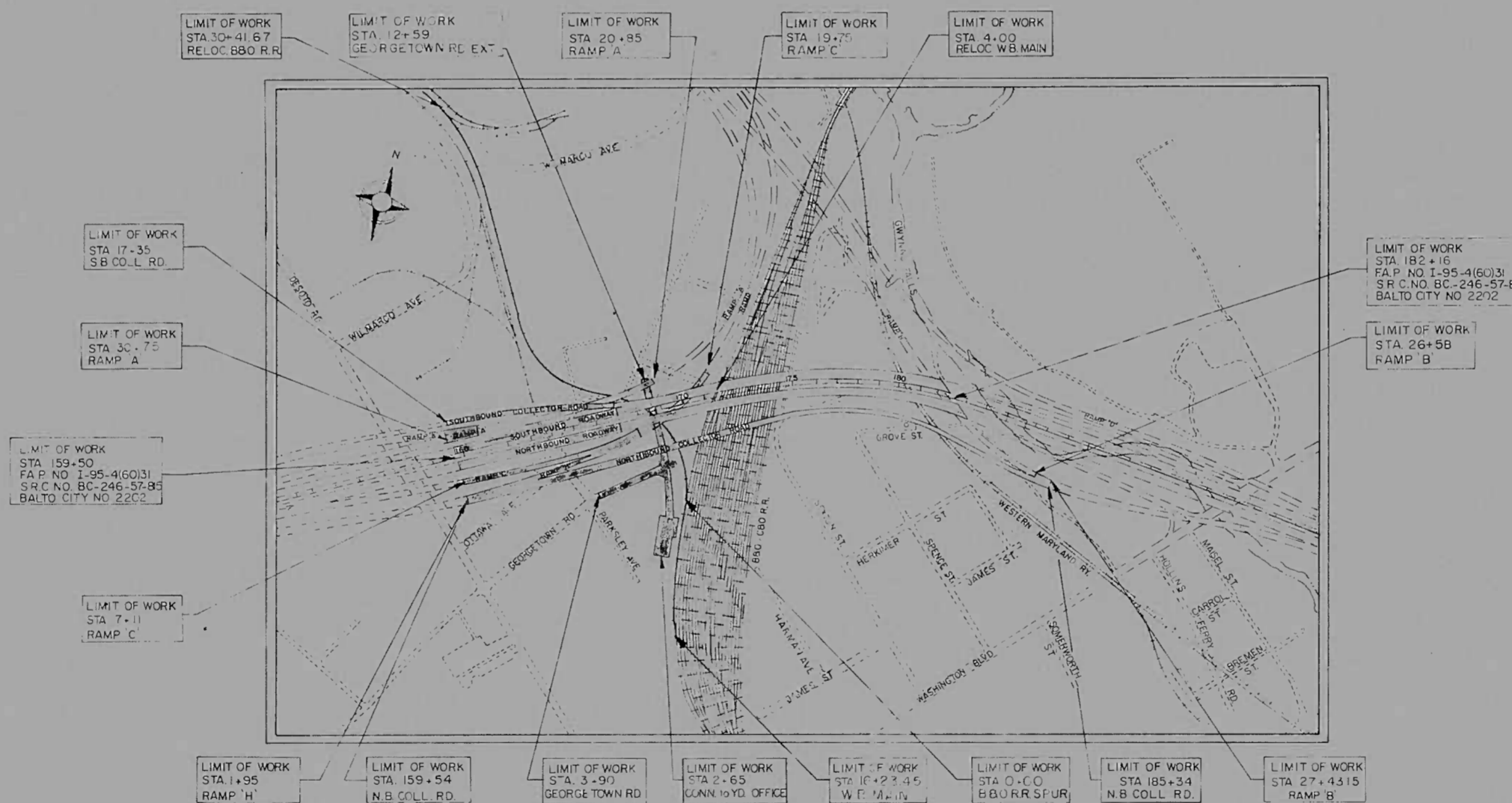
FEDERAL AID PROJECT NO. I-95-4(60)31
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-57-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2202

INTERSTATE ROUTE 95

FROM 200' EAST OF DESOTO ROAD
TO WESTERN MARYLAND RAILROAD

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

FOR INDEX OF SHEETS - SEE SHEET NO. T-2



LOCATION PLAN
SCALE 1" = 400'
DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 0.429 MILE

FIELD BOOKS	
BOOK NO.	DESCRIPTION
INTERSTATE 95	
I-95-036	ALIGNMENT, CONTROLS & CROSS SECTIONS
I-95-037	CROSS SECTIONS
I-95-038	SURVEY BASELINE CONTROLS & CROSS SECTIONS
I-95-039	SURVEY BASELINE CONTROLS & CROSS SECTIONS
I-95-040	SURVEY BASELINE ALIGNMENT & TOPOGRAPHY
I-95-041	SURVEY BASELINE CONTROLS, UTILITY LOCATIONS & CROSS SECTIONS
I-95-042	CROSS SECTIONS

DATA	INTERSTATE 95		DESOTO ROAD	
	1966	1990	1966	1990
ADT	81,400	120,400	5,000	8,000
DHV	6,512	9,632	400	640
%TRUCKS ADT	10%	10%	10%	10%
%TRUCKS DHV	5%	5%	7%	7%
DIRECT				
DISTRIB		60%		

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLAT OR PLATS

CITY OF BALTIMORE APPROVED <i>Francis J. Carlson</i> 5/22/74 REPRESENTATIVE		CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION HIGHWAY MAINTENANCE DIV. CONDUIT SECTION HIGHWAY MAINTENANCE DIV.		INITIALS DATE RJK/BAP 5-24-74 WAB/BAP 5-24-74 WLO 5/24/74 GKN/BAP 5-24-74 GKN/BAP 5-24-74		CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>[Signature]</i> HEAD, BUREAU OF ENGINEERING APPROVED <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS		PREPARED BY BAKER-WIBBERLEY & ASSOC., INC. CONSULTING ENGINEERS HAGERSTOWN, MD. BALTIMORE, MD. APPROVED <i>[Signature]</i> 5-24-74 DATE		STATE ROADS COMMISSION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED <i>[Signature]</i> 5-28-74 CHIEF, BUREAU OF DESIGN APPROVAL RECOMMENDED <i>[Signature]</i> 5/24/74 CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY APPROVED <i>[Signature]</i> 5/24/74 CHIEF ENGINEER		U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED DIVISION ENGINEER DATE	
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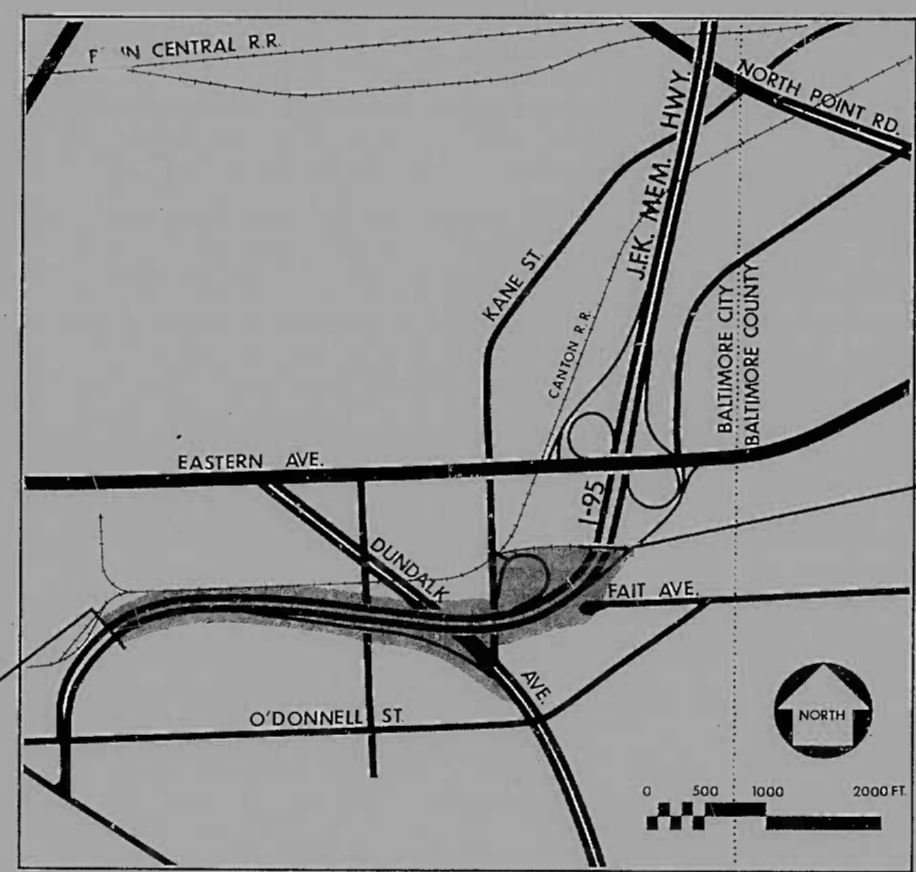
FED. REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-95-418736	1	5

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 AND
 STATE HIGHWAY ADMINISTRATION OF MARYLAND
 INTERSTATE DIVISION FOR BALTIMORE CITY
LANDSCAPING
 FEDERAL AID PROJECT NO. I-95-4(87)36
 STATE ROADS COMMISSION PROJECT NO. BC 246-83-815
I-95

CANTON RAILROAD OVERPASS TO O'DONNELL STREET
 STA. 295+90 I-95 NORTH OF O'DONNELL STREET TO
 STA. 338+00 I-95 & STA. 13+00 RAMP D EASTERN AVE. INTERCHANGE

BALTIMORE CITY BUREAU OF ENGINEERING, HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2437

LEGEND			
PLANT SYMBOLS	OTHER SYMBOLS		
(+)	NEW MAJOR DECIDUOUS TREE	----	ELECT. LINE
(+)	NEW MINOR DECIDUOUS TREE LARGE & SMALL	---	SIGNS
(+)	NEW EVERGREEN TREE	⊙	LIGHT POLE BASE
(+)	NEW SHRUB PLANTING BED (FULLY MULCHED)	---	TRANSIT & TRAFFIC LINE
(+)	EXISTING WOODLAND	---	RIGHT OF WAY
(+)	SELECTIVE THINNING	---	BASELINE STATION
O.C.	ON CENTER	←	NORTH BOUND TRAFFIC
(○)	EXISTING TREE	→	SOUTH BOUND TRAFFIC
(-)	MOW LIMITS	---	SURFACE DRAINAGE
		---	RAILROAD TRACKS
		□	INLET & INLET WITH GUTTER
		====	UNDERGROUND DRAIN OR CONDUIT



LIMIT OF WORK
 STA. 295+90 I-95
 F.A.P. NO. I-95-4(87)36
 S.R.C. NO. BC-246-83-815
 BALTO. CITY NO. 2437

LIMIT OF WORK
 STA. 338+00 I-95
 STA. 13+00 RAMP D
 F.A.P. NO. I-95-4(87)36
 S.H.A. NO. BC-246-83-815
 BALTO. CITY NO. 2437

LOCATION PLAN
 SCALE 1"=1000'

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3	PLAN STA. 322+76 TO 338+00
4	PLAN STA. 300+56 TO 322+76
5	PLAN STA. 295+90 TO 300+56

INTERSTATE DIVISION FOR BALTIMORE CITY
 APPROVED:
Donald J. ... 3/11/77
 SEDIMENTATION AND EROSION CONTROL
 OFFICER

CHECKED BY	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	RJK/BAP	1-21-77
WASTE WATER DIVISION	WAH/BAP	1-21-77
SEDIMENTATION & EROSION CONTROL		
HIGHWAY ENGINEERING DIVISION	WZO	3/18/77
SURVEY AND RECORDS DIVISION	JFM	3-9-77
BUREAU OF OPERATIONS		
LIGHTING SECTION	IW/BAP	1-31-77
CONDUIT SECTION	IW/BAP	1-31-77
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E.	3-10-77
	INITIALS	DATE

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 APPROVAL RECOMMENDED
Michael E. ...
 HEAD, BUREAU OF ENGINEERING
 APPROVED
Corwin M. ...
 DIRECTOR OF PUBLIC WORKS

PREPARED BY
ROGER E. HOLTMAN & ASSOCIATES LTD.
 LANDSCAPE ARCHITECTS & SITE PLANNERS
 304 E. LOMBARD ST., BALTIMORE, MARYLAND 21202
 JAN. 1977
 DATE

STATE HIGHWAY ADMINISTRATION OF MARYLAND
 REVIEWED AND APPROVAL RECOMMENDED
John ...
 CHIEF, BUREAU OF DESIGN
 APPROVAL RECOMMENDED
Robert ... 3/10/77
 CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY
 APPROVED
...
 CHIEF ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 APPROVED
 DIVISION ADMINISTRATOR
 DATE

1065

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T-3 TYPICAL SECTIONS RAMP
T-4 RAILROAD ENTRANCE AND PAVEMENT DETAILS
T-5 CONTROL COORDINATES
T-6 SUPERELEVATION TABLE
T-7 SUPERELEVATION TABLE
T-8 BARRIER INLET DETAILS
T-9 EXPLANATORY NOTES AND REFERENCES
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R-2 RAMP 'A' STA. 411 TO STA. 381
RAMP 'B' STA. 599+ TO STA. 603+
RAMP 'F' STA. 599+ TO STA. 603+
R-3 PLAN SHEET - I-95 STA. 392+ TO STA. 398+
RAMP 'A' STA. 381 TO STA. 321
RAMP 'B' STA. 110+ TO STA. 110+
RAMP 'E' STA. 499+ TO STA. 500+
RAMP 'F' STA. 603+ TO STA. 610+
R-4 PLAN SHEET - I-95 STA. 398+ TO STA. 404+
RAMP 'A' STA. 321 TO STA. 261
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RAMP 'E' STA. 500+ TO STA. 506+
RAMP 'F' STA. 610+ TO STA. 616+
R-5-R-6 GRADING PLAN
MECHANICAL AND ELECTRICAL PLAN AND PROFILE
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GENERAL PLAN AND ELEVATION
S-1 S-13 ABUTMENTS
S-14 S-18 APPROACH SLAB
S-19 S-26 PIER FOOTING PLANS
S-27 S-33 PIER CAP PLANS
S-34 S-43 PIERS
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S-47 S-57 CROSS SECTIONS
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S-62 S-63 DECK PLANS AND POURING SEQUENCE
S-64 S-66 CROSS FRAMES
S-67 SIGN SUPPORT BRACKET
S-68 EXPANSION JOINTS - MODULAR
S-69 EXPANSION JOINTS - NEOPRENE
S-70 GORE DETAILS
S-71 BEARING DETAILS
S-72 DRAINAGE DETAILS
S-73 LIGHTING FOUNDATIONS
S-74 LIGHTING DETAILS
S-75 RAILROAD BARRIER
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S-77 S-86 BORING LOGS
R-1 R-19 RAILROAD ELECTRIFICATION
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CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND

STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(37)34
STATE ROADS COMMISSION PROJECT NO. BC 246-34-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1996

INTERSTATE ROUTE 95
VIADUCT FROM SOUTH OF CANTON RAILROAD AT BAYVIEW
AVENUE TO NORTH OF HERRING RUN



LIMIT OF WORK
STA. 368+42 TO STA. 379+00
S.P.C. NO. I-95-4(37)34
BALTO. CITY NO. 1996

LIMIT OF WORK
STA. 379+00 TO STA. 392+00
S.P.C. NO. I-95-4(37)34
BALTO. CITY NO. 1996

LOCATION PLAN
SCALE: 1" = 100'
DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 0.645 MI.

LIMIT OF WORK
STA. 392+00 TO STA. 404+00
S.P.C. NO. I-95-4(37)34
BALTO. CITY NO. 1996

LIMIT OF WORK
STA. 404+00 TO STA. 405+00
S.P.C. NO. I-95-4(37)34
BALTO. CITY NO. 1996

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.	I-95-4(37)34	T-1	T-9 (159)

RIGHT OF WAY PLATS
I-95-018 AND I-95-019
I-95-038 THROUGH I-95-035 B
I-95-082
FOR SOIL LEGEND SEE SHEET NOS 3-77-S-86

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-001	HORIZONTAL CONTROL, CROSS-SECTIONS
I-95-003	TOPO, CROSS-SECTIONS
I-95-004	TOPO
I-95-005	HORIZONTAL CONTROL
I-95-007	TOPO
I-95-009	HORIZONTAL CONTROL, CROSS-SECTIONS
I-95-011	HORIZONTAL CONTROL
I-95-017	TOPO, CROSS-SECTIONS

TRAFFIC DATA		
INTERSTATE ROUTE 95	EASTERN AVE TO W-M INTERCHANGE	W-M INTERCHANGE TO PULASKI HWY
1967 ADT	65,700	42,400
1990 ADT	125,800	91,400
1990 DDHV	6,690	4,570
TRUCKS DDHV	13%	13%

	MAX. CURVATURE	MAX. GRADE
MAINLINE	Dc 9°-30'-00"	3.00%
RAMPS	Dc 6°-30'-00"	4.16%

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CITY OF BALTIMORE APPROVED <i>David A. Cross</i> DAVID A. CROSS SEDIMENTATION & EROSION CONTROL REPRESENTATIVE		CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>C. Edmund</i> HEAD, BUREAU OF ENGINEERING APPROVED <i>A. P. S.</i> DIRECTOR OF PUBLIC WORKS		PREPARED BY: KNOERLE, BENDER, STONE & ASSOCIATES, INC. AND MATZ, CHLDS, & ASSOCIATES, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND LEG. F. Flander 5/19/71		CANTON RAILROAD COMPANY REVIEWED AND APPROVED BY <i>Wright W. Davis, Jr.</i> DATE: 6/17/71 REVIEWED AND APPROVED BY <i>W. J. P.</i> DATE:		STATE ROADS COMMISSION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED BY <i>James H. ...</i> CHIEF, BUREAU OF ENGINEERING APPROVAL RECOMMENDED BY <i>W. J. P.</i> CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY		APPROVAL RECOMMENDED BY <i>Paul G. ...</i> DEPUTY CHIEF ENGINEER - DEVELOPMENT APPROVED BY <i>W. J. P.</i> CHIEF ENGINEER		U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION - APPROVED DIVISION ENGINEER DATE	
CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION CONDUIT SECTION HIGHWAY MAINTENANCE DIV.		INITIALS DATE RJK/BAP -1-71 WAB/BAP 6-1-71 W.E.P. 6-1-71 J.P. 6-1-71 G.L.H./BAP 6-1-71 J.W.E. 6-1-71		DEPARTMENT OF TRANSIT AND TRAFFIC		DEPARTMENT OF PUBLIC WORKS		STATE ROADS COMMISSION OF MARYLAND		U.S. DEPARTMENT OF TRANSPORTATION		FEDERAL HIGHWAY ADMINISTRATION	

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2. TYPICAL SECTIONS
3. PLAN STA. 0+04.65 TO STA. 5+20
4. PLAN STA. 5+20 TO STA. 15+90
5. PLAN STA. 15+90 TO STA. 19+73
6. PLAN
7. PROFILE STA. 0+04.65 TO STA. 19+73
8. REFERENCES, COORDINATES, GRADE CROSSING PROTECTION
9. DETAILS- CHAIN LINK FENCE, 48" STORM DRAIN
10. RETAINING WALL AT RAMP 'D'
11. GENERAL PLAN AND ELEVATION
12. FOUNDATION PLAN
13. ABUTMENTS
14. PIERS
15. FRAMING SPANS 1 & 2 AND DETAILS
16. FRAMING SPANS 3, 4 & 5 AND DETAILS
17. MISCELLANEOUS DETAILS
18. BORING LOGS
19. EARTHWORK SUMMARY
20. SUMMARY OF QUANTITIES

FILE NO.	DATE	REVISED	BY	TOTAL SHEETS
2	MD. 7-95-412936			20

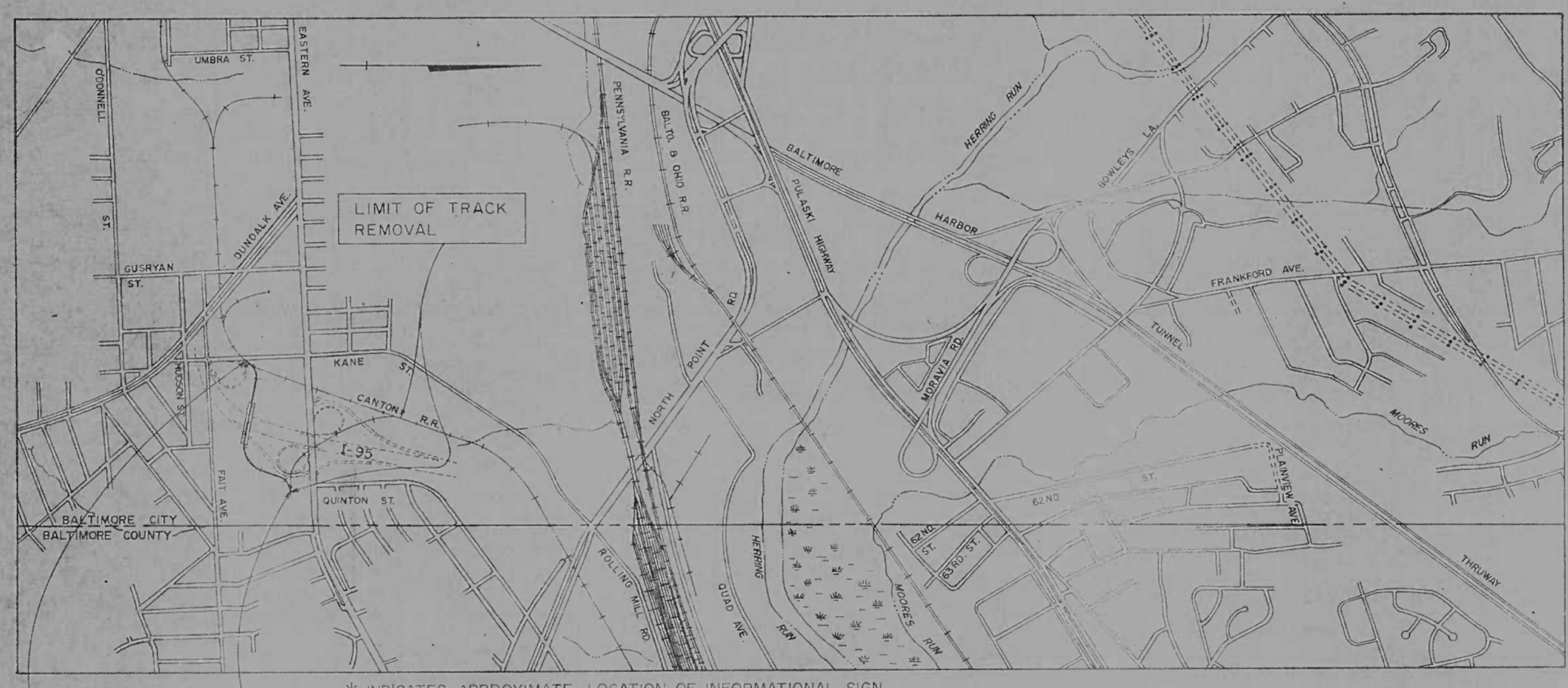
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
FEDERAL AID PROJECT NO. I-95-4(28)36
STATE ROADS COMMISSION PROJECT NO. BC 246-25-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1962

INTERSTATE ROUTE 95

RELOCATED CANTON RAILROAD SPUR OVER INTERSTATE ROUTE 95

SOIL LEGEND

	A-2-4, SILTY SAND		A-7, CLAY
	A-2-7, CLAYEY SAND		A-7-2, SANDY CLAY
	A-4, SILT		A-7-4, SILTY CLAY
	A-3, SAND, NON-PLASTIC		A-4-7, CLAYEY SILT
	PLAN LOCATION OF SOIL BORINGS		PLAN LOCATION OF GOW BORINGS
	IN PLACE DRY DENSITY (DEPTH)		GENERAL LOCATION OF REQUIRED MATERIAL REMOVAL
	P.C.F. 0 % MOISTURE (DATE)		
	PROFILE VERTICAL SCALE 1"=10'		



FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95 003	Topo, Cross Sections
I-95 005	Traverse
I-95 007	Topo, Cross Sections
Reference Sheet No. 8	Control Points

LL- LIQUID LIMIT PI- PLASTICITY INDEX N.P.- NON-PLASTIC
M.D.D. B O.M.C.- MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT AS DETERMINED BY A.A.S.H.O. DESIGNATION T-99 METHOD °C
UNLESS OTHERWISE NOTED ON PLANS ALL SOIL SURVEY BORINGS FOR CONSTRUCTION WERE LEFT OPEN FOR 24 HOURS WITH NO EXCESS MOISTURE OR FREE WATER ENCOUNTERED DURING TIME OF SOIL SURVEY (10/68 & 1/69-2/69) BORING DATA FOR STRUCTURES IS INDICATED ON RESPECTIVE PLAN SHEETS

LIMIT OF WORK
STA. 0+04.65

LIMIT OF WORK
STA. 19+39.33 SOUTH TRACK
STA. 19+73 NORTH TRACK

LOCATION PLAN
SCALE: 1"=1000'

LENGTH OF PROJECT = 0.374 MI

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	INITIALS DATE <i>R. J. K. BAW</i> 8/20/69 <i>W. A. H. GARY</i> 8/20/69 <i>V. E. S.</i> 8/21/69 <i>J. W. E.</i> 8/20/69	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>C. Edward Madhewie</i> HEAD, BUREAU OF ENGINEERING APPROVED <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS	PREPARED BY KNOERLE, BENDER, STONE & ASSOCIATES, INC. AND MATZ, CHILDS, & ASSOCIATES, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND AUGUST 15, 1969 DATE	CANTON RAILROAD COMPANY REVIEWED AND APPROVED <i>[Signature]</i> DATE	STATE ROADS COMMISSION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED <i>[Signature]</i> 8/20/69 CHIEF OF BUREAU OF ENGINEERING APPROVAL RECOMMENDED <i>[Signature]</i> INTERSTATE DIVISION FOR BALTIMORE CITY APPROVAL RECOMMENDED <i>[Signature]</i> 9/4/69 DEPUTY CHIEF ENGINEER - DEVELOPMENT APPROVED <i>[Signature]</i> CHIEF ENGINEER	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION - BUREAU OF PUBLIC ROADS APPROVED DIVISION ENGINEER DATE
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
2	MD.	U-100-1(14) 1-95-4(16)28	1 103

ABBREVIATIONS

AZ.	AZIMUTH	P/G.L.	PROFILE GROUND LINE
BLDG.	BUILDING	HSD	HEADLIGHT SIGHT DISTANCE
CL.	CLASS	SSD	STOPPING SIGHT DISTANCE
COMB.	COMBINATION	PVRC	POINT OF VERTICAL REVERSE CURVATURE
DWY.	DRIVEWAY		
EST.	ESTABLISHED		
EX. EXIST.	EXISTING		
MAC.	MACADAM		
MAT.	MATERIAL		
P.C.	POINT OF CURVATURE		
P.I.	POINT OF INTERSECTION		
P.G.L.	PROFILE GRADE LINE		
P.C.C.	POINT OF COMPOUND CURVE		
P.T.	POINT OF TANGENCY		
P.V.C.	POINT OF VERTICAL CURVATURE		
P.V.T.	POINT OF VERTICAL TANGENCY		
R.C.P.	REINFORCED CONCRETE PIPE		
S/E	SUPERELEVATION		
SAN	SANITARY		
SD	STORM DRAIN		
STD.	STANDARD		
V.V.	VALVE VAULT		
P/G.E.	PROFILE GRADE ELEVATION		
P/C	POINT OF CROWN		

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
GRADING, CURBING, PAVING, DRAINAGE AND STRUCTURES
INTERSTATE ROUTE 95
SOUTHWEST CITY LINE TO CATON AVENUE
INCLUDING JOH AVENUE STRUCTURES AND APPROACHES
CATON AVENUE STRUCTURES AND INTERCHANGE
FEDERAL AID PROJECT NO. I-95-4(16)28
STATE ROADS COMM. PROJECT NO. BC 246-13-815
CITY OF BALTIMORE BUREAU OF ENGINEERING CONTRACT NO. 1781

SOIL LEGEND

	A-3, Sand Non-Plastic		A-4-7, Clayey Silt
	A-2, Sand & Fines		Maceo Silt and/or A-5, Decomposed Rock
	A-2-4, Silty Sand		A-7, Clay
	A-2-7, Clayey Sand		A-7-2, Sandy Clay
	A-4, Silt		A-7-4, Silty Clay
	A-4-2, Sandy Silt		A-6, Collodial Clay

Plan Location of Soil Borings In-Place Dry Density (Depth) P.C.F. or % Moisture (Date)

PROFILE VERTICAL SCALE: 1" = 10'

L.L. - Liquid Limit A. Opt. - Above Optimum Grav. - Gravel
P.I. - Plasticity Index Opt. Moist. - Optimum Moisture Conc. - Concrete
N.P. - Non-Plastic Max. Den. - Maximum Density Dio. - Diatomaceous
Frag. - Fragments Bit. - Bituminous P.C.F. - Pounds Per Cubic Foot

Unless otherwise noted on plans, all soil survey borings for roadway construction were left open for 24 hours with no excess moisture or free water encountered during time of soil survey. (11-66)
Boring data for structures is indicated on respective plan sheets.
The system of soil classification shall be in accordance with A.A.S.H.O. designation M-145, as amended to date, shown in Standard Specifications for Highway Materials and Method of Sampling and Testing, Part I.

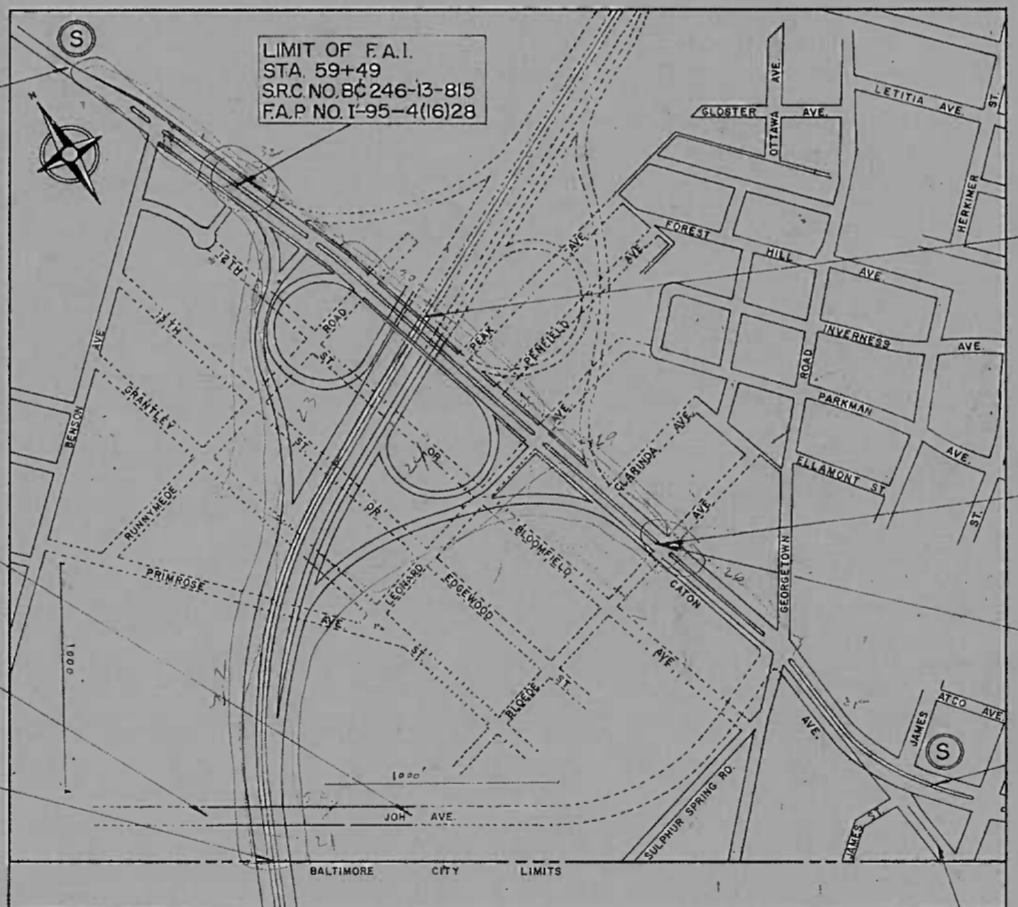
CONVENTIONAL SYMBOLS

	SURVEY OR BASELINE		STAKE		HUB
	PROPERTY OR BLDG. LINE				
	CITY BOUNDARY LINE				
	UTILITY POLE		EXISTING		PROPOSED
	LIGHT POLE				
	FRAME STRUCTURE				
	LIGHT BASE				
	H COMB. INLET AND STD. MANHOLE				
	TREE		HEDGE		
	WATER METER		WATER VALVE		
	BRICK				
	INLET		PROPOSED		EXISTING
	DRAIN PIPE		EXISTING		PROPOSED
	MANHOLE DESIGNATION				
	FIRE HYDRANT				

CATON AVENUE
FROM PATAPSCO AVENUE TO BENSON AVENUE EXCLUDING INTERCHANGE AREA
FEDERAL AID PROJECT NO. U-100-1(14)
STATE ROADS COMM. PROJECT NO. BC 253-2-815

FIELD BOOKS

BOOK NO.	DESCRIPTION
INTERSTATE 95	
1	ALIGNMENT, PROFILE & CROSS SECTIONS
2	CONTROLS & TOPOGRAPHY
3	CROSS SECTIONS
4	CROSS SECTIONS
5	CONTROLS & PROFILES
CATON AVENUE	
L-968	LOCATION
L-959	CROSS SECTIONS & LOCATION
L-962	CROSS SECTIONS & LOCATION
L-972	CROSS SECTIONS & LOCATION



TRAFFIC DATA

DATA	INTERSTATE 95		CATON AVENUE		JOH. AVE.
	1967	1990	1966	1988	1985
ADT	76,100	108,500	39,450	60,300	8,300
DHV	11,950	11,950	8% OF ADT	8% OF ADT	800
% TRUCKS ADT	4%	10%	10%	10%	70%
% TRUCKS DHV	5%	5%	5%	5%	-
DIRECT DISTRIB.	-	60%	-	-	50%

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

REVISIONS

1	REVISED 12/23/70 G.R.
2	REVISED 6/26/71 E.L.V.

INFORMATIONAL SIGNS

THIS PROJECT WILL REQUIRE TWO INFORMATIONAL SIGNS REFER TO STANDARD PLATE SF-5 AND THE "REQUIRED PROVISIONS INFORMATIONAL SIGNS FEDERAL AID CONTRACTS". THE "S" DESIGNATION ON THE LOCATION PLAN IS THE SUGGESTED POSITIONS FOR THESE SIGNS.

REMOVAL OF RAMP 'E' S.B. WASH. BLVD TO W.B. BALT. BELTWAY TO BE INCLUDED IN CONTRACT - SEE SHEET NO. 35

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	INITIALS <i>R.V. K. [Signature]</i> <i>W.A.H. [Signature]</i> <i>G.L.N. [Signature]</i> <i>G.L.N. [Signature]</i> J.W.E.	DATE 11/26/69 11/26/69 11/26/69 11/26/69 11/26/69	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED HEAD BUREAU OF ENGINEERING APPROVED DIRECTOR OF PUBLIC WORKS	PREPARED BY BAKER-WIBBERLEY & ASSOCIATES, INC. CONSULTING ENGINEERS HAGERSTOWN, MD. - BALTIMORE, MD. APPROVAL RECOMMENDED DATE 11/26/69	STATE ROADS COMMISSION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED CHIEF, BUREAU OF ENGINEERING APPROVAL RECOMMENDED CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY	APPROVAL RECOMMENDED DEPUTY CHIEF ENGINEER - DEVELOPMENT APPROVED CHIEF ENGINEER	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION - BUREAU OF PUBLIC ROADS APPROVED DIVISION ENGINEER DATE
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ABBREVIATIONS

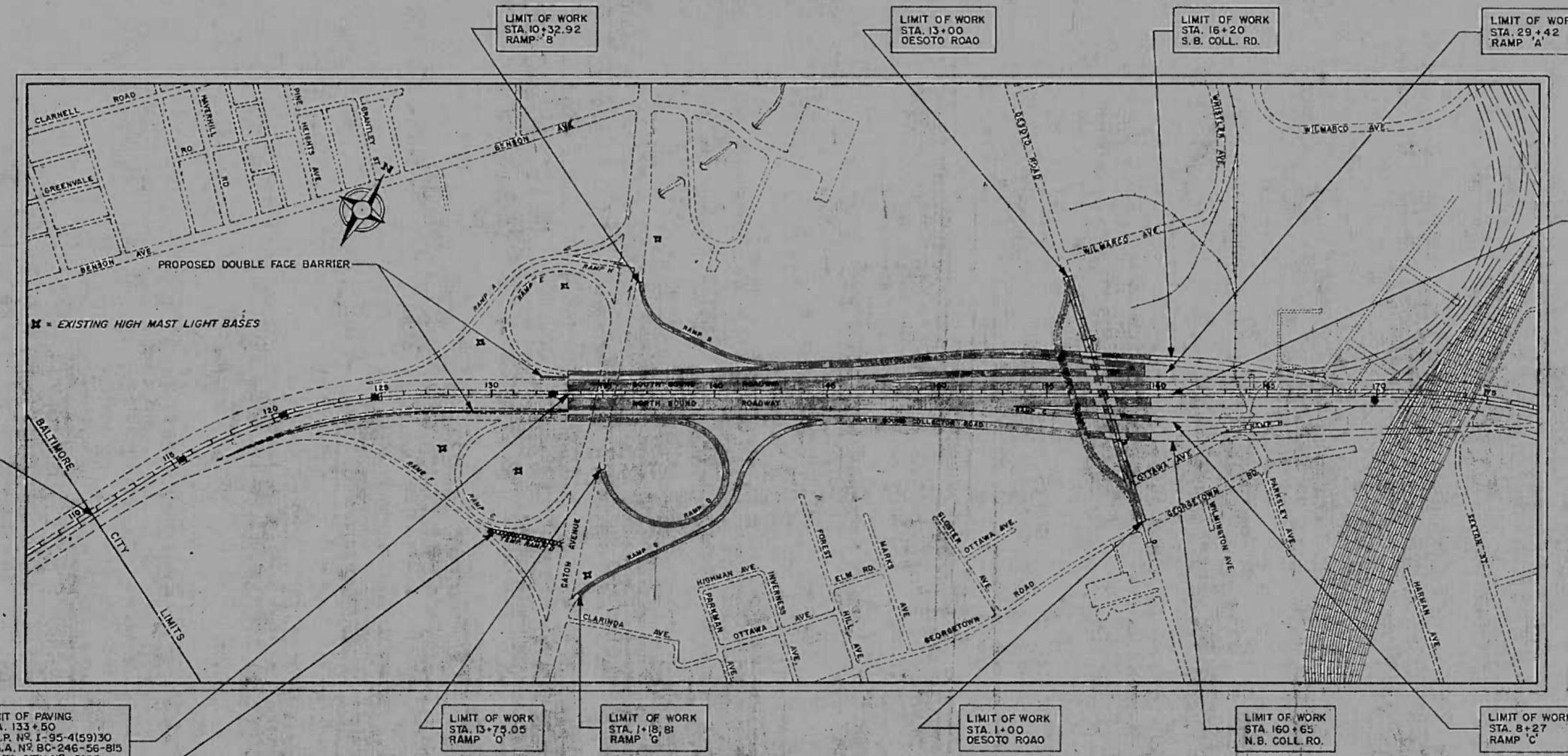
BIT. BITUMINOUS	P.V.C. POINT OF VERTICAL CURVATURE
BLDG. BUILDING	P.V.T. POINT OF VERTICAL TANGENCY
CL. CLASS	R.C.P. REINFORCED CONCRETE PIPE
COMB. COMBINATION	S/E SUPERELEVATION
DWY. DRIVEWAY	SAN. SANITARY
EST. ESTABLISHED	S.D. STORM DRAIN
EX/EXIST EXISTING	STD. STANDARD
MAC. MACADAM	V.V. VALVE VAULT
MAT. MATERIAL	P/G.E. PROFILE GRADE ELEVATION
P.C. POINT OF CURVATURE	P/C POINT OF CROWN
P.I. POINT OF INTERSECTION	H.S.D. HEADLIGHT SIGHT DISTANCE
P.G.L. PROFILE GRADE LINE	S.S.D. STOPPING SIGHT DISTANCE
P/GL. PROFILE GROUND LINE	R.V.R.C. POINT OF VERTICAL REVERSE CURVATURE
P.C.C. POINT OF COMPOUND CURVE	
P.T. POINT OF TANGENCY	P/R. POINT OF ROTATION
B.C.C.M.P. BITUMINOUS COATED CORRUGATED METAL PIPE	G.R. GUARD RAIL
	M.H. MANHOLE
BLK. BLOCK	N.B.R. NORTHBOUND ROADWAY
B.M. BENCH MARK	RET. W. RETAINING WALL
BR. BRICK	S. & M. SEED & MULCH
C.I.P. CAST IRON PIPE	S.D. SIDE DITCH
CONC. CONCRETE	S.B.R. SOUTHBOUND ROADWAY
DWG. DWELLING	STA. STATION
ELEV. ELEVATION	STY. STORY
F.H. FIRE HYDRANT	SURF. SURFACE
FR. FRAME	UD. UNDERDRAIN
GAR. GARAGE	VP. VITRIFIED PIPE
G. GAS LINE	W. WATER LINE
G.M. GAS MAIN	W.M. WATER METER
G.V. GAS VALVE	T.C. TOP OF COVER
INV. INVERT	T.G. TOP OF GRATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
FEDERAL AID PROJECT NO. I-95-4(59)30
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-56-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2195
INTERSTATE ROUTE 95
FROM CATON AVENUE TO 200 FEET
EAST OF DESOTO ROAD

FED. AID PROJ. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-95-4(59)30	T-1	(112)

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY. WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION."

FOR INDEX OF SHEETS - SEE SHEET NO. T-2



FIELD BOOKS	
BOOK NO.	DESCRIPTION
INTERSTATE 95	
I-95-030	ALIGNMENT, PROFILE & CROSS SECTIONS
I-95-031	CONTROLS & TOPOGRAPHY
I-95-032	CROSS SECTIONS
I-95-033	CROSS SECTIONS
I-95-034	CONTROLS & PROFILES
I-95-036	CROSS SECTIONS
I-95-037	CROSS SECTIONS

DATA	INTERSTATE 95		DESOTO ROAD	
	1966	1990	1966	1990
ADT	81,400	120,400	5,000	8,000
DHV	6,512	9,632	400	640
% TRUCKS ADT	10%	10%	10%	10%
% TRUCKS DHV	5%	5%	7%	7%
DIRECT DISTRIB.		60%		50%

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CITY OF BALTIMORE
APPROVED
David A. Coopers 5/21/74
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

LIMIT OF PAVING
STA. 133+00
F.A.P. NO. I-95-4(59)30
S.H.A. NO. BC-246-56-815
BALTO. CITY NO. 2195

LIMIT OF WORK
STA. 137+00
RAMP D

LIMIT OF WORK
STA. 146+81
RAMP E

LIMIT OF WORK
STA. 140+00
DESOTO ROAD

LIMIT OF WORK
STA. 160+65
N.S. COLL. RD.

LIMIT OF WORK
STA. 8+27
RAMP C

REMOVAL OF TEMP. RAMP D
From "RAMP F" TO "CATON AVE."
See SHEET NO. P-5

LOCATION PLAN
SCALE: 1"=400'
DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 0.514 MILE

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	INITIALS DATE <i>R.J.K./BMD</i> 5/21/74 <i>W.A.H./BMD</i> 5/21/74 <i>V.S.E.</i> 5/21/74 <i>G.F.H.</i> 5/21/74 <i>G.L.N./DAP</i> 5/21/74 <i>G.L.N./DAP</i> 5/21/74	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>Thomas W. Finkler</i> 5/21/74 LEAD, BUREAU OF ENGINEERING APPROVED <i>Thomas W. Finkler</i> 5/21/74 DIRECTOR OF PUBLIC WORKS	PREPARED BY BAKER-WIBBERLEY & ASSOC., INC. CONSULTING ENGINEERS HAGERSTOWN, MD. BALTIMORE, MD. <i>Robert D. Wadsworth</i> 5/21/74 DATE	STATE ROADS COMMISSION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED <i>William F. Holloman</i> 5/21/74 CHIEF, BUREAU OF DESIGN APPROVAL RECOMMENDED <i>Kill W. Brown</i> 5/21/74 CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY APPROVED <i>Hugh H. Downer</i> 5/21/74 CHIEF ENGINEER	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED DIVISION ENGINEER _____ DATE _____
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- 6-8. TYPICAL SECTIONS 2-95
- 9. PAVEMENT DETAILS
- 10. TYPICAL SECTIONS - EASTERN AVENUE
- 11. TYPICAL SECTIONS - DETOUR ROAD
- 12. BARRIER CURB TRANSITION
- 13-15. CONTINUOUSLY REINFORCED CONCRETE PAVEMENT DETAILS
- 16. INTERCHANGE LAYOUT
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- 19. CONTROL COORDINATES
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- 22. GENERAL NOTES - SOIL LEGEND
- 23. DRAINAGE NOTES & DETAILS
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- 30-35. GORE DETAILS
- 36-38. INTERSECTION DETAILS
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- 45-48. GRADING PLANS
- 49. PLAN SHEET INDEX
- 50. PLAN SHEET - I-95 STA. 329+ TO STA. 333+ RAMP 1A STA. 6+ TO STA. 9+ 50A EASTERN AVENUE HIGH MAST LIGHTING
- 51. PLAN SHEET - I-95 STA. 333+ TO STA. 342+ RAMP 1B STA. 5+ TO STA. 6+ 51A "
- 52. PLAN SHEET - I-95 STA. 342+ TO STA. 348+ EASTERN AVENUE - STA. 7+ TO STA. 20+ RAMP 1C STA. 0+ TO STA. 9+ RAMP 1D STA. 0+ TO STA. 2+ RAMP 1E STA. 17+ TO STA. 22+ RAMP 1F STA. 0+ TO STA. 2+ 52A "
- 53. PLAN SHEET - EASTERN AVENUE - STA. 0+ TO STA. 7+ 53A "
- 54. PLAN SHEET - I-95 - STA. 348+ TO STA. 355+ RAMP 1G STA. 7+ TO STA. 16+ RAMP 1H STA. 4+ TO STA. 9+ RAMP 1I STA. 2+ TO STA. 10+ 54A "
- 55. PLAN SHEET - I-95 - STA. 355+ TO STA. 367+ RAMP 1J STA. 0+ TO STA. 7+ RAMP 1K STA. 10+ TO STA. 11+ 55A "
- 56. PLAN SHEET - I-95 - STA. 367+ TO STA. 369+ EASTERN AVENUE DETOUR ROAD 56A, 56B "
- 57. INLET & STORM DRAIN - MANHOLE SCHEDULE
- 59-60. STORM DRAIN SCHEDULE
- 61. PROFILE SHEET - I-95 - STA. 329+ TO STA. 342+
- 62. PROFILE SHEET - I-95 - STA. 342+ TO STA. 367+
- 63. PROFILE SHEET - I-95 - STA. 367+ TO STA. 369+
- 64. PROFILE SHEET - EASTERN AVENUE - STA. 0+ TO STA. 19+
- 65. PROFILE SHEET - RAMP 1A
- 66. PROFILE SHEET - RAMP 1B & 1B' SPUR
- 67. PROFILE SHEET - RAMP 1C
- 68. PROFILE SHEET - RAMP 1E
- 69. PROFILE SHEET - QUINTON STREET AND DRIVEWAYS
- 70. EASTERN AVENUE UTILITY RELOCATION - STA. 7+ TO STA. 21+
- 71. EASTERN AVENUE UTILITY RELOCATION - STA. 0+ TO STA. 7+
- 72. WATER RELOCATION PROFILE & DETAILS
- 73-77. STORM DRAIN PROFILES
- 78. SANITARY SEWER PROFILES
- 79-91. EASTERN AVENUE STRUCTURE
- 92-94. RETAINING WALL - RAMP 1A & 1B
- 95. RETAINING WALL - I-95 - STA. 330+ TO STA. 331+
- 96-108. SUMMARY OF QUANTITIES
- 109-110. PARTIAL SURVEY
- 111-113. SUMMARY OF QUANTITIES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
FEDERAL AID PROJECT NO. I-95-4(32)36
STATE ROADS COMMISSION PROJECT NO. BC 246-29-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1959

INTERSTATE ROUTE 95

EASTERN AVENUE INTERCHANGE



LIMIT OF WORK
STA 5+00 RAMP F
F A P NO I-95-4(32)36
S R C NO BC 246-29-815
BALTO CITY NO 1959

LIMIT OF WORK
STA 0+52 EASTERN AVE
F A P NO I-95-4(32)36
S R C NO BC 246-29-815
BALTO CITY NO 1959

LIMIT OF WORK
STA 328+86 I-95
F A P NO I-95-4(32)36
S R C NO BC 246-29-815
BALTO CITY NO 1959

LIMIT OF WORK
STA 20+92 EASTERN AVE
F A P NO I-95-4(32)36
S R C NO BC 246-29-815
BALTO CITY NO 1959

LIMIT OF WORK
STA 369+63 I-95
F A P NO I-95-4(32)36
S R C NO BC 246-29-815
BALTO CITY NO 1959

LOCATION PLAN
SCALE 1"=1000'
DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 0.772 MI.

79A EASTERN AVENUE
UNDERPASS LIGHTING
84A Pier Footings for Pedestrian
Overpass

FED. ROAD DIST. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	MD	I-95-4(32)36	1	113

RIGHT OF WAY PLATS
I-95-035 THROUGH I-95-042
FOR SOIL LEGEND SEE SHEET NO. 22

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-003	CROSS-SECTIONS
I-95-005	HORIZONTAL CONTROL
I-95-006	UTILITIES, TOPO
I-95-007	UTILITIES & CROSS-SECTIONS
I-95-008	CROSS-SECTIONS
I-95-012	CONTOUR CHECK
I-95-013	CROSS-SECTIONS, TOPO

TRAFFIC DATA		
INTERSTATE ROUTE 95	O'Donnell St to Eastern Ave	Eastern Ave to W-M Interchange
1967 ADT	72,800	65,700
1990 ADT	132,200	133,800
1990 DDHV	6,610	6,630
Trucks DHV	10%	3%
EASTERN AVE East of I-95	West of I-95	
1967 ADT	29,900	21,400
1990 ADT	40,000	32,500
1990 DDHV	2,000	1,625
Trucks DHV	8%	8%

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

<p>CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION HIGHWAY MAINTENANCE DIV. CONDUIT SECTION HIGHWAY MAINTENANCE DIV.</p> <p>INITIALS: [Signatures] DATE: 6/3/70</p>	<p>CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS</p> <p>APPROVAL RECOMMENDED C. Edward [Signature] HEAD, BUREAU OF ENGINEERING</p> <p>APPROVED [Signature] DIRECTOR OF PUBLIC WORKS</p>	<p>PREPARED BY KINDERLE, BENDER, STONE & ASSOCIATES, INC. AND MATZ, CHILDS, & ASSOCIATES, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND</p> <p>CANTON RAILROAD COMPANY</p> <p>REVIEWED AND APPROVED BY: [Signature] Vice President DATE: 6/5/70</p>	<p>STATE ROADS COMMISSION OF MARYLAND</p> <p>REVIEWED AND APPROVAL RECOMMENDED [Signature] CHIEF, BUREAU OF ENGINEERING</p> <p>APPROVAL RECOMMENDED [Signature] DEPUTY CHIEF ENGINEER - DEVELOPMENT</p> <p>APPROVED [Signature] CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY</p>	<p>U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION - BUREAU OF PUBLIC ROADS</p> <p>APPROVED [Signature] DIVISION ENGINEER</p> <p>DATE</p>
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- GENERAL NOTES
- SIGN INDEX AND QUANTITY SUMMARY
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- SIGNING PLAN SHEET STA 362+00 TO STA 387+00
- SIGNING PLAN SHEET STA 397+00 TO STA 414+00
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- SIGNING PLAN SHEET STA 434+00 TO STA 462+00
- SIGNING PLAN SHEET STA 462+00 TO STA 482+00
- SIGNING PLAN SHEET STA 482+00 TO STA 482+00
- SIGNING PLAN SHEET STA 482+00 TO STA 482+00
- SIGNING PLAN SHEET STA 116+00 JFK TO STA 144+00 JFK
- GUIDE SIGN MESSAGES DETAILS AND DIMENSION
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- SIGN PANEL MOUNTING DETAILS
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- LIGHTING PLAN SHEET STA 227+00 TO STA 252+00
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- LIGHTING PLAN SHEET STA 414+00 TO STA 434+00
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- CONDUIT PLAN SHEET STA 414+00 TO STA 420+00
- CONDUIT PLAN SHEET STA 420+00 TO STA 420+00
- CONDUIT PLAN SHEET STA 108+20 TO STA 13+84 PULASKI HWY
- CONDUIT PLAN SHEET STA 423+00 TO STA 424+00
- CONDUIT PLAN SHEET STA 434+00 TO STA 434+00
- CONDUIT PLAN SHEET STA 439+00 TO STA 445+00
- CONDUIT PLAN SHEET STA 449+00 TO STA 460+00
- CONDUIT PLAN SHEET STA 460+00 TO STA 470+00
- CONDUIT PLAN SHEET STA 470+00 TO STA 467+00
- CONDUIT PLAN SHEET STA 467+00 TO STA 481+00
- CONDUIT PLAN SHEET STA 481+00 TO STA 118+00 (JFK)
- CONDUIT PLAN SHEET STA 118+00 (JFK) TO STA 112+00 (JFK)
- CONDUIT INSTALLATION DETAILS
- SIGN AND LIGHT FOUNDATION DETAILS
- BORING DATA
- QUANTITY SHEET
- ROADSIDE SIGN SUPPORT DETAILS

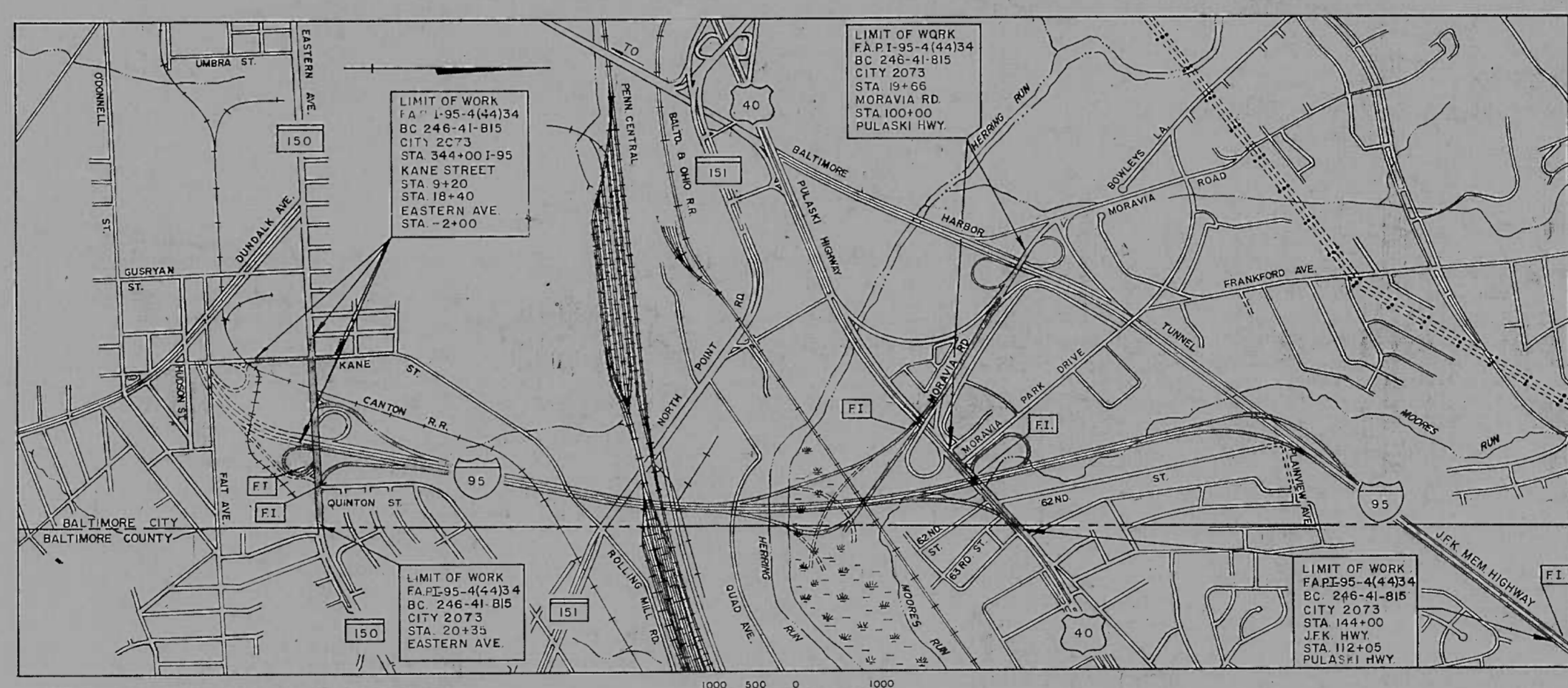
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(44)34
STATE ROADS COMMISSION PROJECT NO. BC 246-41-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2073

INTERSTATE ROUTE 95

HIGHWAY SIGNING AND LIGHTING PLANS

EASTERN AVENUE NORTH TO JOHN F. KENNEDY MEMORIAL HIGHWAY



NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION."

INTERSTATE ROUTE 95	Eastern Ave to W-M Interchange	W-M Interchange to PULASKI HWY.	PULASKI HWY to J.F.K. HWY.
1970 ADT	69,700	42,400	26,800
1990 ADT	133,800	84,500	53,125
1990 DDHV	6,690	6,670	4,250
Trucks DHV	13%	7%	7%

CITY OF BALTIMORE
APPROVED
David A. Carafios
DAVID A. CARAFIOS
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 3.20 MILES

CHECKED BY	INITIALS	DATE
BUREAU OF ENGINEERING	<i>RJK/184</i>	4-30-73
WASTE WATER DIVISION	<i>LOU/184</i>	4-30-73
HIGHWAY ENGINEERING DIVISION	<i>WSE</i>	5/1/73
SURVEY AND RECORDS DIVISION	<i>Am</i>	5/1/73
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION	<i>W.N./184</i>	4-30-73
CONDUIT SECTION	<i>G.L.H./184</i>	4-30-73
DEPARTMENT OF TRANSIT AND TRAFFIC	<i>J.W.E.</i>	4/30/73

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
HEAD: BUREAU OF ENGINEERING
APPROVED
J.L. Cannon
JOHN L. CANNON
APRIL 30, 1973
DATE

PREPARED BY
KNOERLY, BENDER, STONE & ASSOCIATES, INC.
AND
MATZ CHILDS & ASSOCIATES, INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND
J.L. Cannon
JOHN L. CANNON
APRIL 30, 1973
DATE

STATE ROADS COMMISSION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
Irwin C. Hulse 4/30/73
CHIEF, BUREAU OF ENGINEERING
APPROVAL RECOMMENDED
Joseph M. Capeloni 4/30/73
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

STATE ROADS COMMISSION OF MARYLAND
APPROVAL RECOMMENDED
Hugh D. Downs 5/1/73
DEPUTY CHIEF ENGINEER - DEVELOPMENT
APPROVED
Walter W. ... 5/1/73
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER
DATE

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**CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS**

**AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY**

FEDERAL AID PROJECT NO. I-95-4(75)32 & IG-95-4(92)32
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-74-815 & BC 246-87-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2368

INTERSTATE ROUTE 95

200' EAST OF HANOVER STREET
TO 1200' WEST OF KEY HIGHWAY



LOCATION PLAN

SCALE: 1" = 1000'

DESIGN SPEED - 60 MPH
LENGTH OF PROJECT - 0.473 MILES

INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVED: *[Signature]* #431
9-9-77
SEDIMENTATION AND EROSION CONTROL OFFICER

NOTICE
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE THE "STATE HIGHWAY ADMINISTRATION".

NOTICE TO CONTRACTOR
IT SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR ON THIS CONTRACT TO COORDINATE ALL OF HIS ACTIVITIES, INCLUDING THOSE OF HIS SUBCONTRACTORS WITH THE CONTRACTORS, SUBCONTRACTORS AND BALTIMORE CITY FORCES WORKING ON ADJACENT PROJECTS, NAMELY BALTIMORE CITY CONTRACT NO. 2277 AND ADJOINING CONTRACT OF DESIGN SEGMENT 'N'.

* 'G' FUNDING - FAP NO. IG-95-4(92)32

Revision T, 3/23/78 Sheets S4, S9, S12, S17, S48, S51, S60, S64, S73, S74, S76, S81, S83, S89, R1, B2, Q6, U1.

FIELD BOOKS	
BOOK No.	DESCRIPTION
I-95-188	LEVEL, TOPO
I-95-189	CROSS SECTIONS - B L - 1
I-95-190	CROSS SECTIONS - B L - 1
I-95-191	CROSS SECTIONS - B L - 2
I-95-192	CROSS SECTIONS - MAINLINE
I-95-193	CROSS SECTIONS - B L - 1
I-95-194	CROSS SECTIONS - B L - 2
I-95-195	CROSS SECTIONS - MAINLINE
I-95-197	TEST PITS
I-95-198	UTILITIES
I-95-202	REFERENCES

TRAFFIC DATA	
INTERSTATE ROUTE 95	
1977 ADT	70,300
1997 ADT	77,000
1997 DHV	11,500
D.D.	50% - 50%
PEAK HR FACTOR	1.0
TRUCK DHV	11%
McCOMAS STREET	
1977 ADT	9,300
1997 ADT	13,000
1997 DHV	1,300
D.D.	60% - 40%
PEAK HR FACTOR	1.0
TRUCK DHV	5%

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION SEE THE APPROPRIATE RIGHT OF WAY PLATS.

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING	<i>[Signature]</i>	9/14/77
WATER DIVISION	<i>[Signature]</i>	9/13/77
WASTE WATER DIVISION		
HIGHWAY ENGINEERING DIVISION	<i>[Signature]</i>	9/13/77
SURVEY AND RECORDS DIVISION	<i>[Signature]</i>	9/13/77
BUREAU OF OPERATIONS		
LIGHTING SECTION	<i>[Signature]</i>	9/14/77
CONDUIT SECTION	<i>[Signature]</i>	9/14/77
HIGHWAY MAINTENANCE DIV.	<i>[Signature]</i>	9/14/77
BUREAU OF UTILITIES - IDBC	<i>[Signature]</i>	9/14/77
DEPARTMENT OF TRANSIT AND TRAFFIC	<i>[Signature]</i>	9/14/77

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
[Signature]
HEAD, BUREAU OF ENGINEERING
APPROVED
[Signature]
DIRECTOR OF PUBLIC WORKS

PREPARED BY
KNOERLE, BENDER, STONE & ASSOC., INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND
[Signature]
10/11/77
DATE

STATE HIGHWAY ADMINISTRATION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
[Signature]
9/13/77
CHIEF, BUREAU OF DESIGN
APPROVAL RECOMMENDED
[Signature]
9/13/77
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVED
[Signature]
9/14/77
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ADMINISTRATOR
DATE

ADDENDUM NO. 1, 11-4-77 SHEETS AFFECTED:
G-7, G-8, G-16, G-19, G-20, R-1, R-2, R-3, R-11, R-14, R-20, R-21, R-22, R-24, R-25, R-27, R-28, R-29, R-30, R-32, R-33, R-34, R-35, R-36, R-39, U-1, U-3, U-7, U-9, U-10, U-11, U-12, S-7, S-9, S-14, S-75, S-76, S-78, S-86, S-89, T-4, T-16, T-17, T-19, T-20, L-1, L-2, L-9, L-10a (ADDED), Q-2, Q-3, Q-4, Q-5, Q-6, Q-7 & Q-8.

ADDENDUM NO. 2, 11-21-77 SHEETS AFFECTED:
G-2, G-17, G-18, R-1, R-3, R-27, R-29, R-31, U-1, U-3, U-5, U-9, S-1, S-12, S-23, S-73, S-89, T-17, L-9, Q-9.

ADDENDUM NO. 4, 11-30-77 SHEETS AFFECTED: S-77, Q-3, S-86.

ADDENDUM NO. 5, 12-2-77 SHEETS AFFECTED: Q-9.

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CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(69)34
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-66-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2273

INTERSTATE ROUTE 95

MIDDLE BRANCH OF PATAPSCO RIVER TO 200 FEET EAST OF HANOVER ST. WITH RAMPS 'J' & 'K' AND RELOC. DICKMAN ST.

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE THE "STATE HIGHWAY ADMINISTRATION".

NOTICE TO CONTRACTOR

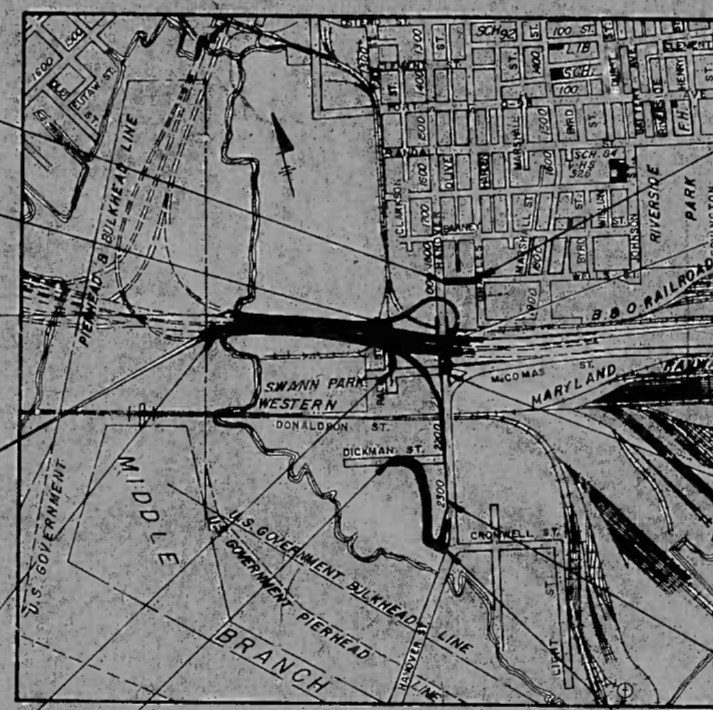
IT SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR ON THIS CONTRACT TO COORDINATE ALL OF HIS ACTIVITIES, INCLUDING THOSE OF HIS SUBCONTRACTORS WITH THE CONTRACTORS, SUBCONTRACTORS AND BALTIMORE CITY FORCES WORKING ON ADJACENT PROJECTS, NAMELY BALTIMORE CITY CONTRACT NO. 2271-R AND ADJOINING CONTRACT OF DESIGN SEGMENT "N" BC CONTRACT NO. 2-68.

FHWA REGION	STATE	FED. ID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I-95-4(69)34	G-1	230

FIELD BOOKS	
BOOK No.	DESCRIPTION
I-95-46	ALIGNMENT
I-95-47	ALIGNMENT
I-95-48	LEVEL
I-95-49	ALIGNMENT
I-95-50	LEVEL
I-95-52	LEVEL
I-95-53	CROSS SECTION
I-95-55	TOPO
I-95-58	TEST PIT, BORING
I-95-153	TOPO
I-95-154	ALIGNMENT
I-95-155	LEVEL
I-95-156	CROSS SECTION
I-95-157	TOPO
I-95-159	CROSS SECTION

TRAFFIC DATA		
INTERSTATE ROUTE 95 MIDDLE BRANCH OF PATAPSCO RIVER TO 200 FEET EAST OF HANOVER STREET WITH RAMPS 'J' & 'K' AND RELOC. DICKMAN ST.		
1975 ADT		74,200
1995 ADT		80,000
1995 DHV		8,200
D.D.		60% - 40%
PEAK HR. FACTOR		1.0
TRUCK DHV		7%
RAMP 'E'		
1995 ADT		800
1995 DHV		180
RAMP 'F'		
1995 ADT		10,800
1995 DHV		1,080
RAMP 'J'		
1995 ADT		7,400
1995 DHV		740
RAMP 'K'		
1995 ADT		9,400
1995 DHV		940
MAX. CURVATURE		MAX. GRADE
MAIN LINE 1°40'09.8"		+1.24%
RAMPS 36°00'00"		-5.06%

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENTS. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION SEE THE APPROPRIATE RIGHT OF WAY PLATS.



LOCATION PLAN
SCALE: 1" = 1000'
DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 0.364 MILES

LIMIT OF WORK
STA. 15+99.18 @ RACE ST.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 0+25.00 @ WELLS ST.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 3+12.11 @ WELLS ST.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 19+52.88 @ HANOVER ST.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 10+38.00 @ RAMP 'E'
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 292+40.00 @ I-95 S.B.R.
STA. 292+20.00 @ I-95 N.B.R.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 273+88.00 @ I-95 S.B.R.
STA. 272+27.00 @ I-95 N.B.R.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 16+75.00 @ HANOVER ST.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 10+25.00 @ RACE ST.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 29+34.00 @ RAMP 'F'
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 20+77.96 @ RAMP 'K'
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 9+00.00 @ RELOC. DICKMAN ST.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

LIMIT OF WORK
STA. 20+47.67 @ RELOC. DICKMAN ST.
F.A.P. No. I-95-4(69)34
S.H.A. No. BC 246-66-815
BALTIMORE CITY No. 2273

INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVED
[Signature] 3/3/77
SEDIMENTATION AND EROSION CONTROL OFFICER

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION SEDIMENTATION & EROSION CONTROL HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. G.L.N./DAP CONDUIT SECTION - HIGHWAY MAINTENANCE DIV. G.L.N./DAP DEPARTMENT OF TRANSIT AND TRAFFIC	INITIALS DATE R.A.K./DAP 2/2/77 G.A.H./DAP 2/2/77 W.S.P. 2/2/77 J.E.H./DAP 2/2/77 G.L.N./DAP 2/2/77 G.L.N./DAP 2/2/77 D.W.P. 2/2/77	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>[Signature]</i> 3/3/77 HEAD, BUREAU OF ENGINEERING APPROVED <i>[Signature]</i> 3/3/77 DIRECTOR OF PUBLIC WORKS	PREPARED BY EWELL, BOMHARDT & ASSOC. SANDERS & THOMAS INC. Consulting Engineers BALTIMORE, MARYLAND	STATE HIGHWAY ADMINISTRATION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED <i>[Signature]</i> 3-3-77 CHIEF, BUREAU OF DESIGN APPROVAL RECOMMENDED <i>[Signature]</i> 3/3/77 CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY APPROVED <i>[Signature]</i> 3/3/77 CHIEF ENGINEER	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED DIVISION ADMINISTRATOR DATE
--	--	--	---	--	---

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I-95-4(67)34	G-1	(330) G-13

NOTE

- 1 FOR INDEX OF DRAWINGS SEE SHEET NO. G-2A & G-2B
- 2 ALL PLAN SHEETS CONTAINED IN THIS SET INCLUDING ADDENDUM AND MARKED 2271 ARE MADE A PART OF 2271R. PLAN SHEETS WHICH CONTAIN CHANGES OR REVISIONS ISSUED AFTER NOVEMBER 26, 1975 WILL BE IDENTIFIED AS 2271R.

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
 FEDERAL AID PROJECT NOS. I-95-4(67)34
 STATE HIGHWAY ADMINISTRATION PROJECT NOS. BC 246-64-815
 CITY OF BALTIMORE BUREAU OF ENGINEERING
 HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2271R

NOTE

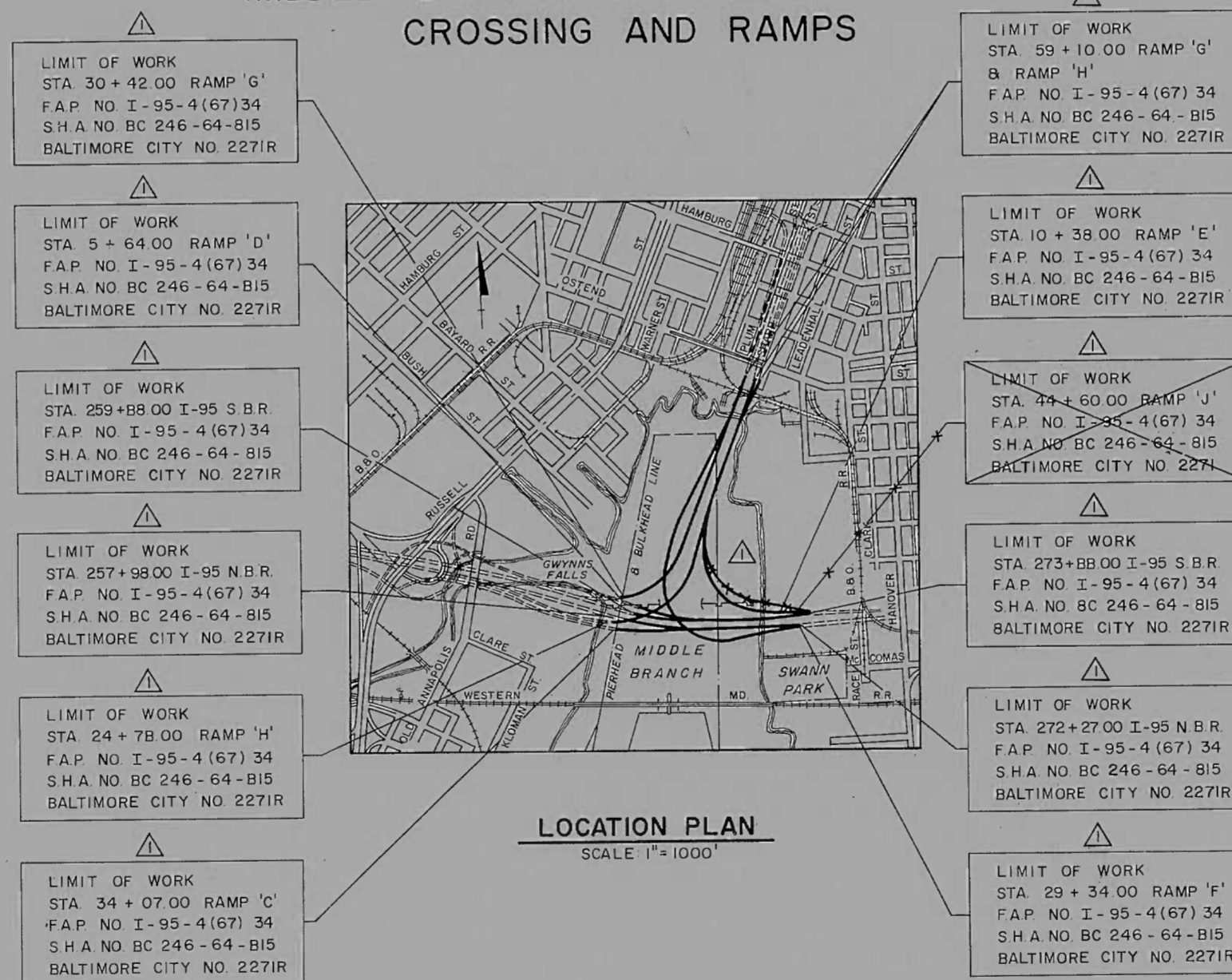
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM "COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

NOTICE TO CONTRACTOR

IT SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR ON THIS CONTRACT TO COORDINATE ALL OF HIS ACTIVITIES, INCLUDING THOSE OF HIS SUB-CONTRACTORS WITH THE CONTRACTORS, SUBCONTRACTORS AND BALTIMORE CITY FORCES WORKING ON ADJACENT PROJECTS, NAMELY BALTIMORE CITY CONTRACT NO. 2270 AND CONTRACT NO. 2273.

INTERSTATE ROUTE 95

MIDDLE BRANCH OF PATAPSCO RIVER CROSSING AND RAMPS



DESIGN SPEED

I-95 NBR	60 MPH
I-95 SBR	60 MPH
RAMP 'C'	40 MPH
RAMP 'D'	40 MPH
RAMP 'E'	40 MPH
RAMP 'F'	40 MPH
RAMP 'G'	50 MPH
RAMP 'H'	50 MPH
RAMP 'A'	35 MPH
RAMP 'B-B'	50 MPH

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-43	TRAVERSE
I-95-46	TRAVERSE
I-95-49	TRAVERSE
I-95-50	LEVELS
I-95-52	LEVELS
I-95-53	TOPO
I-95-57	TOPO
I-95-63	SOUNDING
I-95-64	SOUNDING
I-95-160	SOUNDINGS
I-95-161	SOUNDINGS
I-95-162	SOUNDINGS

TRAFFIC DATA		
INTERSTATE ROUTE 95 MIDDLE BRANCH PATAPSCO RIVER CROSSING AND RAMPS		
1975 ADT		71,900
1995 ADT		78,800
1995 DHV		7,800
D D		60% - 40%
PEAK HR FACTOR		1.0
TRUCK DHV		7%
RAMP 'C'		
1995 ADT		6,100
1995 DHV		610
RAMP 'D'		
1995 ADT		5,000
1995 DHV		500
RAMP 'E'		
1995 ADT		9,200
1995 DHV		920
RAMP 'F'		
1995 ADT		10,800
1995 DHV		1,080
RAMP 'G'		
1995 ADT		33,300
1995 DHV		3,330
RAMP 'H'		
1995 ADT		32,900
1995 DHV		3,290
MAX CURVATURE		MAX GRADE
MAINLINE 1°-16'-41.9"		+1.24%
RAMPS 13°-29'-56.5"		-6.32%

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT. INFORMATION SEE THE APPROPRIATE RIGHT OF WAY PLATS.

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION SEDIMENTATION & EROSION CONTROL HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	INITIALS R.J.K./BAP W.A.H./BAP J.F. J.F.H./S.W. G.L.H./BAP G.L.H./BAP J.W.S. J.W.S.	DATE 6-12-75 6-12-75 6-12-75 6-12-75 6-12-75 6-12-75 6-12-75 6-12-75	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED HEAD, BUREAU OF ENGINEERING APPROVED DIRECTOR OF PUBLIC WORKS	PREPARED BY EWELL, BOMHARDT & ASSOC. SANDERS & THOMAS INC. Consulting Engineers BALTIMORE, MARYLAND JUNE 12, 1975 DATE	REVISED FOR CONTRACT NO. 2271R REVISED FIELD BOOK NOS FOR SOUNDINGS 7/13/76	STATE HIGHWAY ADMINISTRATION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED CHIEF, BUREAU OF DESIGN APPROVAL RECOMMENDED CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY APPROVED CHIEF ENGINEER	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED DIVISION ENGINEER DATE
---	---	--	--	--	--	---	--

INDEX OF SHEETS

1	TITLE SHEET AND LOCATION MAP
2	ARCHITECTURAL RENDERING
3	GENERAL PLAN AND ELEVATION
4	SECTIONS, PROFILES AND GENERAL NOTES
5	ABUTMENTS
6	ABUTMENT SECTIONS AND DETAILS
7	PIERS 1 AND 2
8	PIER 3 AND DETAILS
9	FRAMING PLAN AND GIRDER DETAIL
10	DIAPHRAGM AND LATERAL BRACING DETAILS
11	TYPICAL DECK SECTION & PED BARRIER DETAIL
12	BEARING DETAILS
13	CAMBER DIAGRAM & SUPERSTRUCTURE ELEVATION
14	EXPANSION DAM AND MISCELLANEOUS DETAILS
15	BORING DATA
16	GRADING PLAN
17	GRADING PLAN
18	SUMMARY OF QUANTITIES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD	I-95-4(52)35	1	18

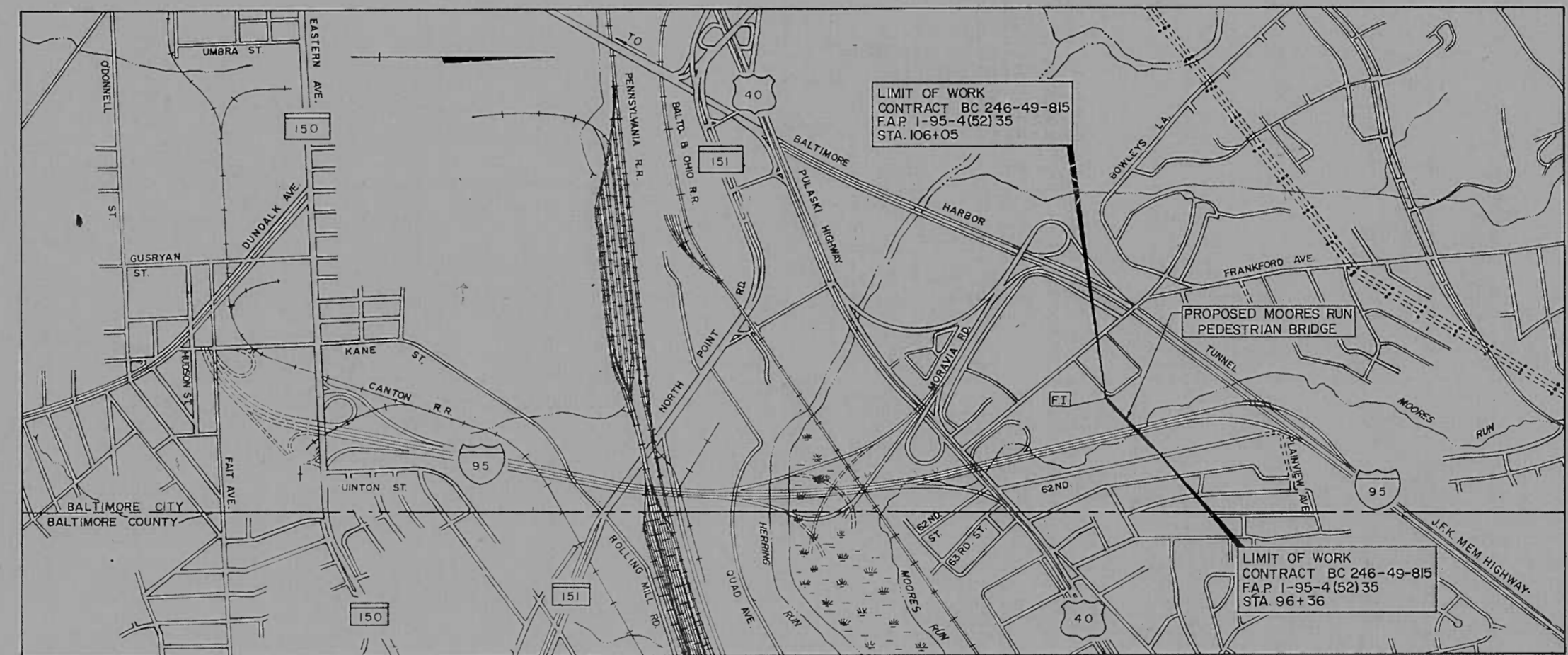
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(52)35
STATE ROADS COMMISSION PROJECT NO. BC 246-49-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2140

INTERSTATE ROUTE 95
MOORES RUN PEDESTRIAN BRIDGE

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION."

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-001	ALIGNMENT
I-95-002	"
I-95-005	"
I-95-015	"
I-95-022	"
I-95-026	"
I-95-006	TOPO
I-95-007	"
I-95-008	"
I-95-026	"
I-95-003	CROSS-SECTIONS
I-95-008	"
I-95-015	"



FT DENOTES INFORMATIONAL SIGNS STATE OF MARYLAND STANDARD 104-41 (5 REQUIRED) COST TO BE INCLUDED IN THE PRICE BID FOR "MAINTENANCE OF TRAFFIC"

LOCATION PLAN
SCALE: 1"=1000'

LENGTH OF PROJECT-0.022MILES

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CITY OF BALTIMORE
APPROVED
David A. Cearfoss
DAVID A. CEARFOSS
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

CHECKED BY	INITIALS	DATE
BUREAU OF ENGINEERING	<i>R.K. [unclear]</i>	4-30-73
WATER DIVISION	<i>W.H.H. [unclear]</i>	4-30-73
WASTE WATER DIVISION	<i>[unclear]</i>	5-1-73
HIGHWAY ENGINEERING DIVISION	<i>[unclear]</i>	5/1/73
SURVEY AND RECORDS DIVISION	<i>[unclear]</i>	5/1/73
BUREAU OF UTILITY OPERATIONS	<i>[unclear]</i>	4-30-73
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	<i>[unclear]</i>	4-30-73
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	<i>[unclear]</i>	4-30-73
DEPARTMENT OF TRANSIT AND TRAFFIC	<i>J.W.E.</i>	4/30/73

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
HEAD, BUREAU OF ENGINEERING
APPROVED
DIRECTOR OF PUBLIC WORKS

PREPARED BY
KNOERLE, BENDER, STONE & ASSOCIATES, INC
AND
MATZ, CHILDS, & ASSOCIATES, INC
CONSULTING ENGINEERS
BALTIMORE, MARYLAND
Fred F. Mirmiran
FRED F. MIRMIRAN
APR 30, 1973
DATE

STATE ROADS COMMISSION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
Irvin C. Huescher 4/30/73
CHIEF, BUREAU OF ENGINEERING
APPROVAL RECOMMENDED
[unclear] 4/30/73
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVAL RECOMMENDED
Hubert G. Damm 5/1/73
DEPUTY CHIEF ENGINEER - DEVELOPMENT
APPROVED
[unclear] 5/1/73
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER
DATE

FED. AID DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD	I-95-4(31)-38 U-955-1(31)	1	35

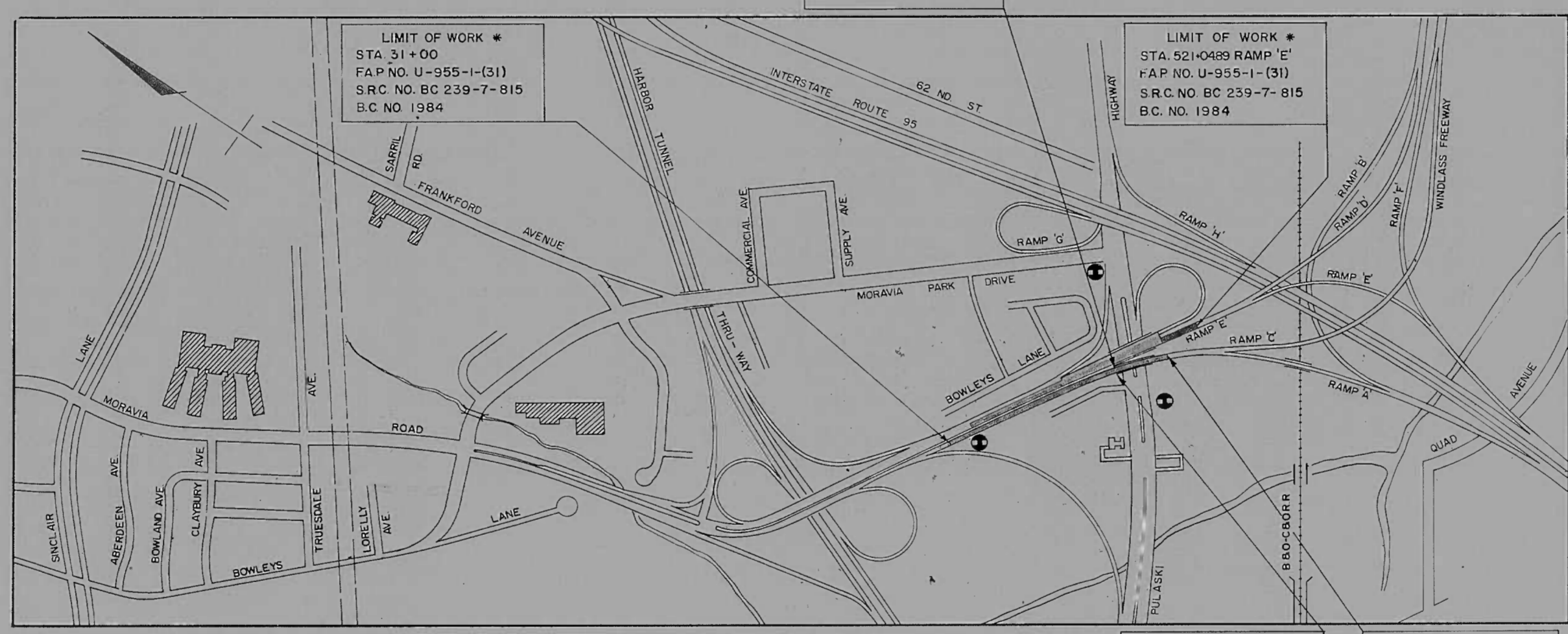
SHEET NO.	DESCRIPTION
1	TITLE SHEET
1-A	LEGEND - ABBREVIATIONS - NOTES
2	TYPICAL CROSS SECTIONS
3	TYPICAL DETAILS
4	PLAN AND PROFILE - STA. 31+00 TO STA. 38+00
5	PLAN - STA. 38+00 MORAVIA RD TO STA. 520+00 RAMP 'E' & STA. 38+00 MORAVIA RD. TO STA. 206+00 RAMP 'C'
6	PROFILES - STA. 38+00 MORAVIA RD. TO STA. 520+00 RAMP 'E' & STA. 38+00 MORAVIA RD. TO STA. 206+00 RAMP 'E'
STRUCTURES	
7	RAMP 'C' - GENERAL PLAN AND ELEVATION
8	RAMP 'C' - ABUTMENTS
9	RAMP 'C' - APPROACH SPAN DETAILS
10	RAMP 'C' - PIER 1 & PIER 2
11	RAMP 'C' - PIER 3 & SECTIONS
12	RAMP 'C' - FRAMING PLAN
13	RAMP 'C' - TYPICAL DECK SECTION & SUPERSTRUCTURE ELEVATION
14	RAMPS 'C' & 'E' - BEARING & EXPANSION JOINT DETAILS
15	RAMP 'E' - GENERAL PLAN AND ELEVATION
16	RAMP 'E' - ABUTMENTS
17	RAMP 'E' - APPROACH SPAN DETAILS
18	RAMP 'E' - PIER 1 & PIER 2
19	RAMP 'E' - PIER 3 & SECTIONS
20	RAMP 'E' - FRAMING PLAN
21	RAMP 'E' - TYPICAL DECK SECTION & SUPERSTRUCTURE ELEVATION
22	MISC. DETAILS - EXISTING RAMP 'E' BRIDGE
23	RETAINING WALL
24	SUBSTRUCTURE DETAILS
25	SUPERSTRUCTURE DETAILS
UTILITIES	
26	36" WATER MAIN RELOCATION
27	ROADWAY LIGHTING PLAN
28	ROADWAY LIGHTING DETAILS
29	ROADWAY LIGHTING DETAILS
QUANTITIES	
30	GRADING TABLE AND EARTHWORK ANALYSIS
31	SUMMARY OF QUANTITIES
32	SUMMARY OF QUANTITIES
33	SUMMARY OF QUANTITIES
34	SUMMARY OF QUANTITIES
35	NOT USED

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(31)-38
 U-955-1-(31)
 STATE ROADS COMMISSION PROJECT NO. BC 246-28-815
 BC 239-7-815
 CITY OF BALTIMORE BUREAU OF ENGINEERING,
 HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1984

MORAVIA ROAD BRIDGES
RAMPS 'C' & 'E' OVER PULASKI HIGHWAY

LIMIT OF WORK *
 STA. 43+20.22
 FAP NO. U-955-1-(31)
 S.R.C. NO. BC 239-7-815
 B.C. NO. 1984



LIMIT OF WORK *
 STA. 31+00
 FAP NO. U-955-1-(31)
 S.R.C. NO. BC 239-7-815
 B.C. NO. 1984

LIMIT OF WORK *
 STA. 521+0489 RAMP 'E'
 FAP NO. U-955-1-(31)
 S.R.C. NO. BC 239-7-815
 B.C. NO. 1984

LIMIT OF WORK *
 STA. 43+20.22
 FAP NO. I-95-4(31)-38
 S.R.C. NO. BC 246-28-815
 B.C. NO. 1984

LIMIT OF WORK *
 STA. 202+09.57 RAMP 'C'
 FAP NO. I-95-4(31)-38
 S.R.C. NO. BC 246-28-815
 B.C. NO. 1984

NOTE:
 EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 926 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION".

* MODIFICATION TO EXISTING LIGHTING & 3" WATER MAIN RELOCATION SHALL BE PERFORMED BY THE CONTRACTOR ALL AS INDICATED ON THE PLANS EVEN THOUGH THE WORK MAY NOT BE WITHIN THE LIMIT OF WORK SHOWN.

FIELD BOOKS	
BOOK NO.	DESCRIPTION
1712-A	TRAVERSE CONTROLS
1712-B	TOPOGRAPHY
1712-C	CROSS SECTIONS
1	TRAVERSE CONTROLS AND REFERENCES
2	TOPOGRAPHY & CROSS SECTIONS

TRAFFIC DATA		
	1963	1980
ADT	12,800	26,880
DHV	1,280	2,688
D.D.	60-40%	60-40%
% COMMERCIAL TRUCKS	6.65%	6.65%
	850	1,785

PROJECT LENGTH = 0.292 MILES
 DESIGN SPEED = 50 M.P.H.

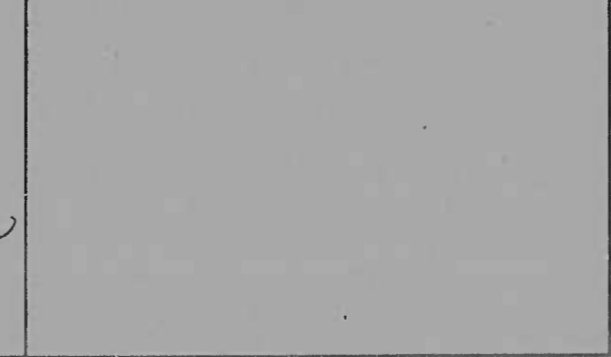
RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CITY OF BALTIMORE
 APPROVED
David A. Cearfoss DATE
 DAVID A. CEARFOSS

CHECKED BY
 BUREAU OF ENGINEERING
 WATER DIVISION
 WASTE WATER DIVISION
 HIGHWAY ENGINEERING DIVISION
 SURVEY AND RECORDS DIVISION
 BUREAU OF UTILITY OPERATIONS
 LIGHTING SECTION HIGHWAY MAINTENANCE DIV.
 CONDUIT SECTION HIGHWAY MAINTENANCE DIV.

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 APPROVAL RECOMMENDED
Edward J. [Signature]
 HEAD BUREAU OF ENGINEERING
 APPROVED
 DIRECTOR OF PUBLIC WORKS

PREPARED BY
 MATZ CHILDS & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 BALTIMORE, MARYLAND
Fred F. [Signature]
 4-19-1972
 DATE



STATE ROADS COMMISSION OF MARYLAND
 REVIEWED AND APPROVAL RECOMMENDED
[Signature]
 CHIEF BUREAU OF ENGINEERING
 APPROVAL RECOMMENDED
[Signature]
 CHIEF INTERSTATE DIVISION FOR BALTIMORE CITY

STATE ROADS COMMISSION OF MARYLAND
 APPROVAL RECOMMENDED
[Signature]
 DEPUTY CHIEF ENGINEER DEVELOPMENT
 APPROVED
[Signature]
 CHIEF ENGINEER
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 APPROVED
 DIVISION ENGINEER
 DATE 4/28

FED. AID DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD	I-95-4(40)38	1	12

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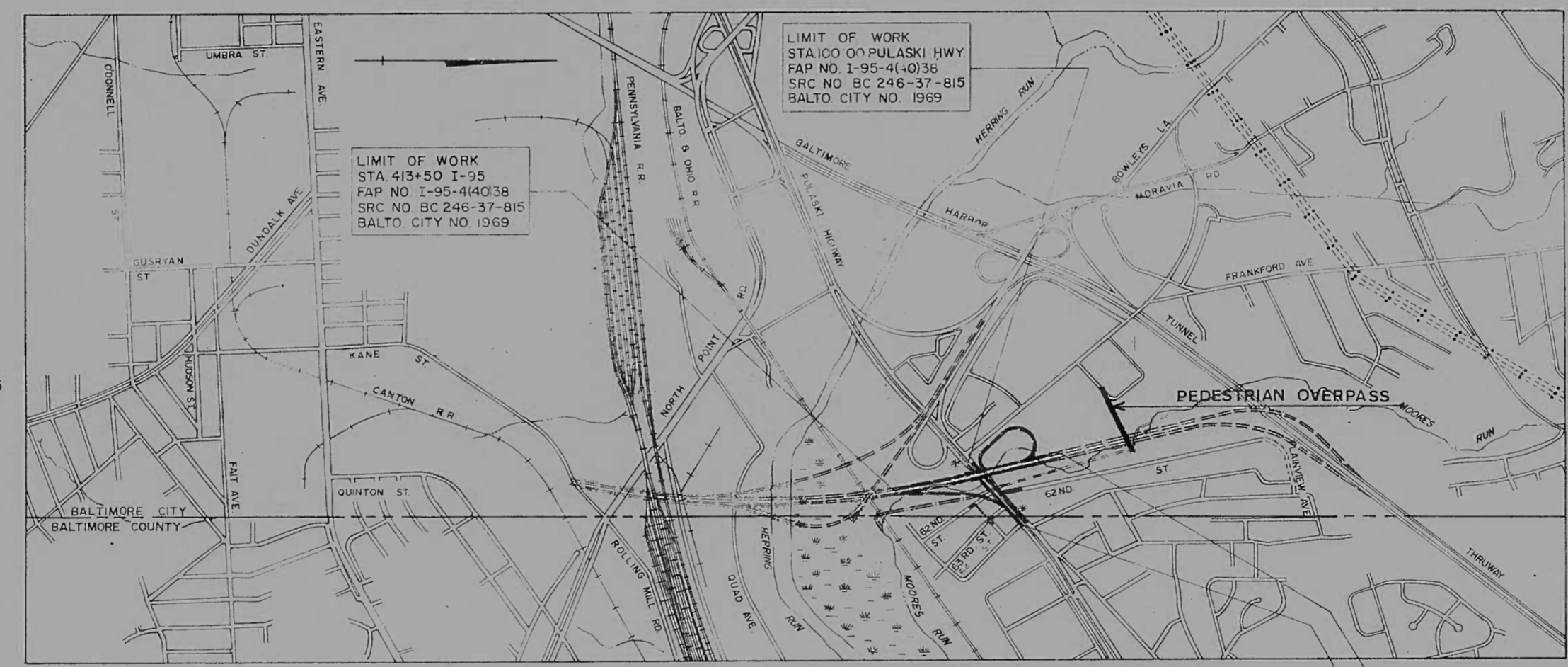
- 1 TITLE SHEET
 - 2-5 ROADWAY TYPICAL SECTIONS
 - 6 MOORES RUN RELOCATED TYPICAL SECTIONS
 - 7 GENERAL NOTES
 - 8 GEOMETRY
 - 9 REFERENCES
 - 10 SUPERELEVATION TABLES
 - 1-18 DETAILS
 - 19 PLAN SHEET STA 413+50 TO STA 414+00 I-95
 - 20 PLAN SHEET STA 414+00 TO STA 420+00 I-95
 - 21 PLAN SHEET STA 420+00 TO STA 429+00 I-95
 - 22 PLAN SHEET STA 108+20 TO STA 113+84 PULASKI HIGHWAY
 - 23 PLAN SHEET STA 429+00 TO STA 434+00 I-95
 - 24 25 GRADING AND JOINT LAYOUT
 - 26 PULASKI HIGHWAY 20' SCALE PLAN
 - 27 PROFILE I-95
 - 28 PROFILE PULASKI HIGHWAY
 - 29 PROFILE RAMP "G"
 - 30 PROFILE RAMP "H"
 - 31 PROFILE MOORES RUN RELOCATED STA 12+50 TO STA 25+00
 - 32 PROFILE MOORES RUN RELOCATED STA 25+00 TO STA 32+00
62ND - 63RD STREET CONNECTOR ROAD
62ND STREET NORTH
 - 33 STORM DRAIN SCHED LE
 - 34 37 STORM DRAIN PROFILES
 - 38 40 UTILITY RELOCATION
 - 41-45 6" AND 8" WATER MAIN RELOCATION
 - 46 48 MAINTENANCE OF TRAFFIC
 - 49 95 OVER PULASKI
 - 49 GENERAL PLAN AND ELEVATION
 - 50 SECTIONS AND DETAILS
 - 51 SOUTH ABUTMENT-SBR
 - 52 SOUTH ABUTMENT-NBR
 - 53 NORTH ABUTMENT-SBR
 - 54 NORTH ABUTMENT-NBR
 - 55 APPROACH SPAN DETAILS
 - 56 NBR AND SBR PIER DETAILS
 - 57 FRAMING PLAN
 - 58 CROSS GIRDER DETAILS
 - 59 DECK SECTION AND DETAILS
 - 60 CAMBER DIAGRAMS AND TABLES
 - 61 NB AND SB SUPERSTRUCTURE ELEVATIONS
 - 62 BEARING DETAILS
 - 63 EXPANSION JOINT AND MISCELLANEOUS DETAILS
 - 64 ERECTION PLAN
 - 65 UNDERBRIDGE LIGHTING AND CONDUIT DETAILS
 - 66 BORING DATA
 - TRIPLE CELL 19'-0" X 9'-0" BOX CULVERT PULASKI HWY STA 107+2013
 - 67 GENERAL PLAN AND ELEVATION
 - 68 CULVERT DETAILS
 - 69 WINGWALL DETAILS
 - 70 RETAINING WALL, RAMP "G"
 - 71 METHODS OF SEDIMENTATION AND EROSION CONTROL
 - 72-82 SUMMARY OF QUANTITIES
- * NOTE SHEET 43A ADDED
 * NOTE SHEET 39A ADDED
 * NOTE SHEET 28A ADDED
 * NOTE SHEET 40A ADDED
 * NOTE SHEET 20B ADDED
 * NOTE SHEET 38A ADDED
 * NOTE SHEET 38B ADDED

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 AND
 STATE ROADS COMMISSION OF MARYLAND
 INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(40)38
 STATE ROADS COMMISSION PROJECT NO. BC 246-37-815
 CITY OF BALTIMORE BUREAU OF ENGINEERING,
 HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1969

INTERSTATE ROUTE 95

I-95 FROM NORTH OF THE B&O RAILROAD TO
 NORTH OF PULASKI HIGHWAY



FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-001	LEVELS
I-95-002	TRAVERSE
I-95-004	TOPO. & UTILITIES
I-95-005	STREAM SPURS
I-95-009	SPURS AND CROSS SECTIONS
I-95-010	SPURS AND CROSS SECTIONS
I-95-011	ALIGNMENT
I-95-012	ALIGNMENT
I-95-015	CROSS SECTIONS

TRAFFIC DATA			
INTERSTATE I-95	N. PULASKI HWY	S. PULASKI HWY	
1970 ADT	26,800	42,400	
1990 ADT	53,125	84,500	
1990 DHV	4,250	6,750	
1990 D	60 %	60 %	
1990 % TRUCKS ADT	13	13	
1990 % TRUCKS DHV	7	7	
PULASKI HWY		EAST I-95	WEST I-95
1970 ADT	25,600	7,500	
1990 ADT	56,375	25,000	
1990 DHV	4,510	2,000	
1990 D	60 %	60 %	
1990 % TRUCKS ADT	7	20	
1990 % TRUCKS DHV	7	7	
MAX CURVE Dc = 33'18"41"			
MAX GRADE = 5.66 %			

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING	K.R.B.B.	11/11/70
WATER DIVISION	A.H.G.H.	12/10/70
WASTE WATER DIVISION		
HIGHWAY ENGINEERING DIVISION		
SURVEY AND RECORDS DIVISION		
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION	G.N.P.	12/10/70
CONDUIT SECTION	G.N.P.	12/10/70

CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
HEAD, BUREAU OF ENGINEERING
APPROVED

PREPARED BY
 KNOERLE, BENDER, STONE & ASSOCIATES, INC.
 AND
 MATZ, CHILDS, & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 BALTIMORE, MARYLAND

John P. Calton
 NOVEMBER 19, 1970

LOCATION PLAN
 SCALE 1"=1000'
 DESIGN SPEED - 60 MPH
 LENGTH OF PROJECT 0.3356 M.

STATE ROADS COMMISSION OF MARYLAND	
REVIEWED AND APPROVAL RECOMMENDED	APPROVAL RECOMMENDED
CHIEF, BUREAU OF ENGINEERING	DEPUTY CHIEF ENGINEER - DEVELOPMENT
APPROVAL RECOMMENDED	APPROVED
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY	CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ENGINEER	

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.	I-95-4(36)36	T-1	(92) T-15

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- T-1 TITLE SHEET
- T-2 T-5A ROADWAY TYPICAL SECTIONS & DETAILS [1]
- T-6 GENERAL NOTES
- T-7 GEOMETRY
- T-8 COORDINATE TABLES
- T-9 LINE REFERENCES
- T-10 SUPERELEVATION TABLES
- T-11-T-15 MISCELLANEOUS ROADWAY & DRAINAGE DETAILS
- P-1 PLAN SHEET
 - I-95 STA. 401+00 TO STA 408+00
 - RAMP 'A' STA 22+00 TO STA 29+00
 - FUTURE RAMP 'B' STA 100+57 TO STA 108+20
 - FUTURE RAMP 'C' STA 212+50 TO STA 222+50
 - RAMP 'E' STA 503+00 TO STA 510+50
 - FUTURE RAMP 'F' STA 612+97 TO STA 619+00
- P-1A
- P-2 PLAN SHEET
 - I-95 STA 408+00 TO STA 414+00
 - RAMP 'A' STA 17+00 TO STA 22+00
 - FUTURE RAMP 'B' STA 95+00 TO STA 100+57
 - FUTURE RAMP 'C' STA 207+00 TO STA 212+50
 - FUTURE RAMP 'D' STA 328+00 TO STA 338+00
 - RAMP 'E' STA 510+50 TO STA 518+70
- P-2A
- P-3 PLAN SHEET P-3A, 3B [3]
 - I-95 STA 414+00 TO STA 420+00
 - RAMP 'A' STA 15+29.49 TO STA 17+00
 - RAMP 'C' STA 201+93 TO STA 207+00
 - RAMP 'D' STA 338+00 TO STA 339+17.56
 - RAMP 'E' STA 518+70 TO STA 523+83.50
- P-4 GRADING PLAN & JOINT LAYOUT (MATCH STA'S SHEET P-1)
- P-4 GRADING PLAN FOR BOTTOM OF DUMP MATERIAL [1]
- P-5 GRADING PLAN & JOINT LAYOUT (MATCH STA'S SHEET P-2)
- P-6 GRADING PLAN & JOINT LAYOUT (MATCH STA'S SHEET P-3)
- P-7 GRADING PLAN FOR DUMP DISPOSAL
- P-8 PROFILE I-95 & RAMP 'H'
- P-9 PROFILE RAMP 'A'
- P-10 PROFILE RAMP 'C'
- P-11 PROFILE RAMP 'D' & ACCESS RD.
- P-12 PROFILE RAMP 'E'
- P-13 STORM DRAIN SCHEDULE
- P-14-P-15 STORM DRAIN PROFILES
- STRUCTURAL DRAWINGS
 - S-1-S-9 RAMP 'A' OVER B&O RAILROAD
 - S-10-S-11 RAMP 'C' OVER RAMP 'B', 'E', 'F', I-95 & B&O RAILROAD
 - S-12-S-13 RAMP 'D' OVER RAMP 'B', I-95 & B&O RAILROAD
 - S-14-S-30 RAMP 'E' OVER RAMP 'B', I-95 & B&O RAILROAD
 - S-31-S-53 I-95 OVER RAMP 'B' & B&O RAILROAD
 - S-54 SUBSTRUCTURE DETAILS
 - S-55 SUPERSTRUCTURE DETAILS
 - S-55A to 55C
- Q-1-Q-7 SUMMARY OF QUANTITIES

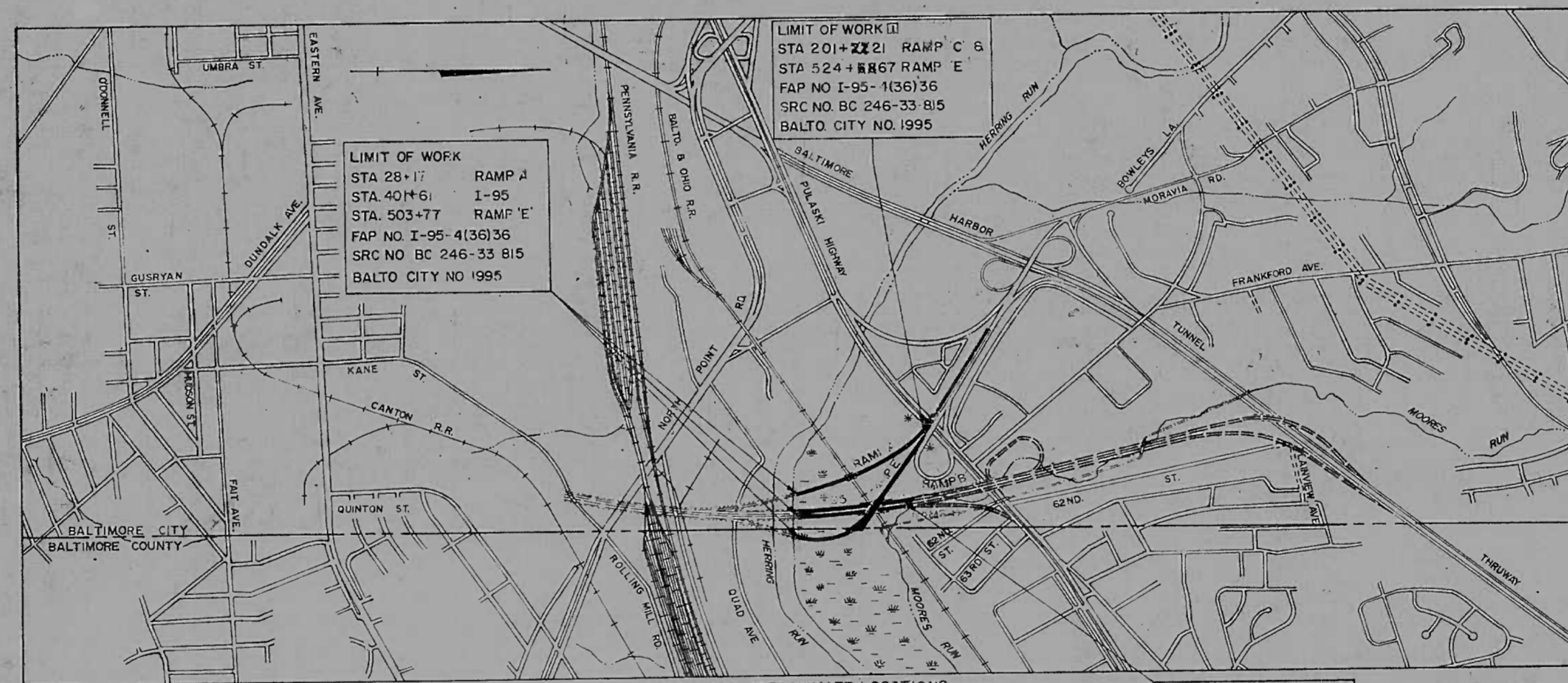
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(36)36
STATE ROADS COMMISSION PROJECT NO. BC 246-33-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1995

INTERSTATE ROUTE 95

FROM NORTH OF HERRING RUN
TO NORTH OF B & O RAILROAD

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION".



FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-001	BENCH LEVELS
I-95-002	MAIN TRAVERSE, ANGLES & DISTANCES
I-95-011	TEST HOLE LOCATIONS
I-95-012	TEST HOLE LOCATIONS
I-95-016	TEST HOLE LOCS, TRAVERSE & X-SECTIONS
I-95-017	B&O RR SPUR, TRAVERSE & X-SECTIONS
I-95-018	TEST HOLE LOCATIONS, X-SECTIONS
I-95-021	CONTROL REFERENCES

TRAFFIC DATA		
INTERSTATE I-95 S. PULASKI HWY.		
1970 ADT	42,400	
1990 ADT	84,500	
1990 DHV	6,760	
1990 D	60%	
1990 % TRUCKS ADT	13	
1990 % TRUCKS DHV	7	
RAMP 'A'		
1990 DHV	1,180	
RAMP 'E'		
1990 DHV	1,180	
MAINLINE	MAX. CURVATURE	MAX GRADE
RAMPS	Dc = 0° 45' 00"	1.273 %
	Dc = 6° 30' 00"	5.604 %

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

ADDENDUM NO. 3, AUG. 3, 1971.
DELETE SHEET NO. 15, ADD NEW TYPICAL SHEET NO. T-5A AND NEW GRADING PLAN SHT. NO. P-4A

REVISIONS	
1	72 LIMITS OF WORK
2	ADDITION NEW PLAN SHEETS P-4B, TYPICAL T-1A II-272
3	ADDITION 10 PLAN SHEETS P-1A to 3A, 3B, 55A to 55C 2/28/73

* INDICATES APPROXIMATE LOCATIONS OF INFORMATIONAL SIGNS
LOCATION PLAN
SCALE: 1"=1000'

LIMIT OF WORK
STA 414+90.00 I-95
STA 8+92.31 RAMP 'H'
FAP NO I-95-4(36)36
SRC NO BC 246-33-815
BALTO CITY NO. 1995

DESIGN SPEED M 60 MPH
RAMPS 45 MPH
LENGTH OF PROJECT 0 2517 MI

<p>CITY OF BALTIMORE APPROVED <i>David A. Dearfoss</i> DAVID A. DEARFOSS SEDIMENTATION & EROSION CONTROL REPRESENTATIVE</p>	<p>CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>[Signature]</i> HEAD, BUREAU OF ENGINEERING</p> <p>APPROVED <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS</p>	<p>PREPARED BY KNOERLE, BENDER, STONE & ASSOCIATES, INC. AND MATZ, CHILDS & ASSOCIATES, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND</p> <p>THOMAS J. LIND 5/23/71 DATE</p>	<p>BALTIMORE AND OHIO RAILROAD COMPANY</p> <p>REVIEWED AND APPROVED BY <i>[Signature]</i> 6/3/71 DATE</p>	<p>STATE ROADS COMMISSION OF MARYLAND</p> <p>REVIEWED AND APPROVAL RECOMMENDED <i>[Signature]</i> CHIEF, BUREAU OF ENGINEERING</p> <p>APPROVAL RECOMMENDED <i>[Signature]</i> 6/3/71 DEPUTY CHIEF ENGINEER - DEVELOPMENT</p> <p>APPROVED <i>[Signature]</i> CHIEF ENGINEER</p>	<p>U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION</p> <p>APPROVED DIVISION ENGINEER DATE</p>
---	---	--	---	--	---

INDEX OF SHEETS

- ✓ 1 TITLE SHEET
- ✓ 2-4 TYPICAL SECTIONS
- ✓ 5 GENERAL NOTES
- ✓ 6 SUPERELEVATION TABLES
- ✓ 7-16 DETAILS
- ✓ 17 PLAN SHEET
- ✓ 18 PROFILE SHEET
- ✓ 19 PLAN SHEET
- ✓ 20 PROFILE SHEET
- ✓ 21 PROFILE SHEET MOORES RUN
- ✓ 22 PLAN SHEET
- ✓ 23 PROFILE SHEET
- ✓ 24 PROFILE SHEET
- ✓ 25 PLAN SHEET
- ✓ 26 PROFILE SHEET
- ✓ 27 PLAN SHEET
- ✓ 28 PROFILE SHEET
- ✓ 29 PLAN SHEET
- ✓ 30 PROFILE SHEET
- ✓ 31 PROFILE SHEET
- ✓ 32 PLAN SHEET
- ✓ 33-35 PROFILE SHEETS
- ✓ 36-39 MAINTENANCE OF TRAFFIC
- ✓ 40-41 BOX CULVERT
- ✓ 42-45 SUMMARY OF QUANTITIES
- ✓ 12A-12B TYPICAL AND SPECIFIC SECTIONS

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.	I-95-4 (35)35	1	45

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(35)35
STATE ROADS COMMISSION PROJECT NO. BC 246-32-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1983

INTERSTATE ROUTE 95

I-95 FROM NORTH OF PULASKI HIGHWAY TO JOHN F. KENNEDY MEMORIAL HIGHWAY

LIMIT OF WORK
NBR 8 SBR 433+00
I-95-4(35)35
BC 246-32-815
1983

LIMIT OF WORK
SBR 455+99.37
and
SBR 459+59.89

LIMIT OF WORK
NBR 487+82.66
SBR 490+59.56
I-95-4(35)35
BC 246-32-815
1983



* INDICATES APPROXIMATE LOCATION OF INFORMATIONAL SIGN

LOCATION PLAN
SCALE 1"=1000'

DESIGN SPEED - 60 MPH
LENGTH OF PROJECT - 10.22 miles

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-009	CROSS SECTIONS
I-95-011	
I-95-001	
I-95-004	TRAVERSE
I-95-002	
I-95-009	CENTERLINE SURVEY
I-95-010	

TRAFFIC DATA			
	1970	1990	
ADT	26,800	53,800	
DHV		4,300	
D		60%	
% Trucks ADT		13%	
% Trucks DHV		7%	
MAX. CURVE Dc = 4°-00'-00"			
MAX. GRADE = 2.67%			

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

<p>CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.</p>	<table border="0"> <tr> <td>INITIALS</td> <td>DATE</td> </tr> <tr> <td>R.J.K./BBP</td> <td>5-19-70</td> </tr> <tr> <td>W.A.H./BBP</td> <td>5-19-70</td> </tr> <tr> <td>J.P.</td> <td>5-20-70</td> </tr> <tr> <td>G.L.N./BAP</td> <td>5-19-70</td> </tr> <tr> <td>G.L.N./BAP</td> <td>5-19-70</td> </tr> </table>	INITIALS	DATE	R.J.K./BBP	5-19-70	W.A.H./BBP	5-19-70	J.P.	5-20-70	G.L.N./BAP	5-19-70	G.L.N./BAP	5-19-70	<p>CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS</p> <p>APPROVAL RECOMMENDED <i>C. Samuel White, Esq.</i> HEAD, BUREAU OF ENGINEERING</p> <p>APPROVED <i>H. Paine Johnson</i> DIRECTOR OF PUBLIC WORKS</p>	<p>PREPARED BY KNDERLE, BENDER, STONE & ASSOCIATES, INC. AND MATZ, CHILDS, & ASSOCIATES, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND</p> <p>MAY 19 1970 DATE</p>	<p>STATE ROADS COMMISSION OF MARYLAND</p> <p>REVIEWED AND APPROVAL RECOMMENDED <i>James C. Hughes</i> 5/25/70 CHIEF, BUREAU OF ENGINEERING</p> <p>APPROVAL RECOMMENDED <i>Walter W. Cebalrod</i> CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY</p>	<p>APPROVAL RECOMMENDED <i>Harold S. Downs</i> 5/25/70 DEPUTY CHIEF ENGINEER - DEVELOPMENT</p> <p>APPROVED <i>Walter W. Cebalrod</i> 5/25/70 CHIEF ENGINEER</p>	<p>U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION - BUREAU OF PUBLIC ROADS</p> <p>APPROVED DIVISION ENGINEER DATE</p>
INITIALS	DATE																	
R.J.K./BBP	5-19-70																	
W.A.H./BBP	5-19-70																	
J.P.	5-20-70																	
G.L.N./BAP	5-19-70																	
G.L.N./BAP	5-19-70																	

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD	I-95-4(39)34	T-1	T-13

INDEX OF SHEETS

T-1	TITLE SHEET
T-2	GENERAL NOTES
T-3	GEOMETRY
T-4	LINE REFERENCES
T-6 - T-12	ROADWAY TYPICAL SECTIONS AND DETAILS
T-13	SUPERELEVATION TABLES

P-1 & P-2	PLAN SHEET O'DONNELL ST CUT-OFF BOSTON ST O'DONNELL ST RAMP-"K" RAMP-"L"
P-3	PLAN SHEET I-95 STA 287+00 TO STA 298+00 RAMP-"K" RAMP-"L"
P-4	CANTON RAIL ROAD PLAN SHEET I-95 STA 298+00 TO STA 309+00
P-5	CANTON RAIL ROAD PLAN SHEET I-95 STA 309+00 TO STA 316+00 RAMP-"L"

P-6	PROFILE I-95 (STA 287+00 TO 307+00)
P-7	PROFILE I-95 (STA 307+00 TO 317+00) RAMP-"L"
P-8	PROFILE I-83 NORTH
P-9	PROFILE RAMP-"K" & RAMP-"L"
P-10	PROFILE RAMP-"L" FREE RIGHT TURN PROFILE RAMP-"K" FREE RIGHT TURN PROFILE TEMPORARY CONNECTION PROFILE BOSTON STREET PROFILE O'DONNELL STREET

P-12	PROFILE CANTON RAILROAD
P-13	PROFILE CHANNEL RELOCATION
P-14-P-18	STORM DRAINAGE PROFILES
P-19-P-20	STORM DRAINAGE SCHEDULES
P-21-P-24	GRAVING PLANS
U-1	UTILITY PLAN O'DONNELL ST BOSTON ST O'DONNELL ST CUT-OFF
U-2	UTILITY PLAN I-95 I-83

U-3	CANTON RR UTILITY PLAN (20' SCALE) O'DONNELL ST
U 4-U-6	UTILITY PROFILES
U 7-U-9	UTILITY DETAILS
S1 1	GENERAL NOTES
S1 2	INDEX & SUMMARY
S1 3-S1 5	100' SCALE PLANS
S1 6-S1 8	GUIDE SIGN MESSAGES DETAILS AND DIMENSIONS
S1 9-S1 10	STANDARD SIGN DETAILS
S1 11	GUIDE SIGN SHIELD & ARROW DETAILS
S1 12	SIGN PANEL MOUNTING DETAILS
S1 13&S1 14	ROADSIDE SIGN SUPPORT DETAILS
S1 15	DELINEATOR DETAILS
S1 16&S1 17	ENERGY ABSORBING DEVICES
L1 13	100 SCALE PLAN
L4&L5	LIGHT STANDARD DETAILS
L6&L7	MISC. DETAILS
L8	SIGN ILLUMINATION
S 1	RETAINING WALL 'A'
S 2 S 3	RETAINING WALL 'B'
S 4 S 6	RETAINING WALL 'C'
S 7 S 8	RETAINING WALL SECTIONS
S 9	BOX CULVERT EXTENSION AT O'DONNELL ST. CUT OFF
S 10 S 11	BOX CULVERT AT O'DONNELL AND BOSTON STS.
S 12 S 15	BORING DATA
S 17	CONCRETE CRIB WALLS 'D' and 'E'
S 18 S 25	I 95 AND RAMP 'J' OVER GUSRYAN ST. ABUTMENTS AND APPROACH SPANS
S 26	SOLDER PILE TIMBER LAGGING WALL
S 27	SIGNING FOUNDATION DETAILS
S 28	LIGHTING FOUNDATION DETAILS
S 29 S 31	OVERHEAD SIGN STRUCTURES
S 32	MISC. SIGN STRUCTURE DETAILS
S 33	SUPPORTS FOR SPECIAL SIGNS
D-1-Q-15	QUANTITIES & ESTIMATES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(39)34
STATE ROADS COMMISSION PROJECT NO. BC 246-36-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1998

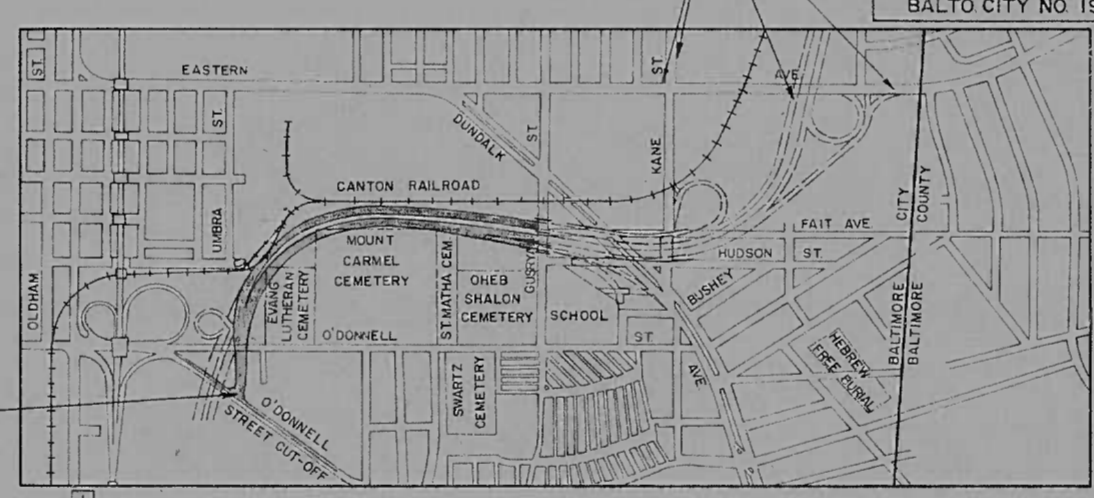
INTERSTATE ROUTE 95
FROM O'DONNELL STREET
TO WEST OF GUSRYAN STREET

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-001	ALIGNMENT
I-95-002	
I-95-005	
I-95-015	
I-95-022	
I-95-026	
I-95-006	TOPOGRAPHY
I-95-007	
I-95-008	
I-95-026	
I-95-003	CROSS-SECTIONS
I-95-008	
I-95-015	

LIMIT OF WORK
STA 343+00 I-95
STA 2+00 @ STA 20+36
EASTERN AVE.
STA 18+40 KANE ST.
F.A.P. NO. I-95-4(39)34
S.R.C. NO. BC 246-36-815
BALTO CITY NO. 1998

LIMIT OF WORK
STA 282+36 BOSTON STREET
F.A.P. NO. I-95-4(39)34
S.R.C. NO. BC 246-36-815
BALTO CITY NO. 1998



LOCATION PLAN
SCALE 1"=1000'

DESIGN SPEED-60 MPH
LENGTH OF PROJECT-0.464 MILE

TRAFFIC DATA	
INTERSTATE 95 FROM O'DONNELL ST TO GUSRYAN ST	
1967 ADT	75,200
1990 ADT	180,500
1990 DHV	14,440
TRUCK DHV	10%
RAMP "K"	
1990 DHV	330
RAMP "L"	
1990 DHV	520
MAINLINE	MAX CURVATURE Dc = 03°45' 00" - 3.00%
RAMPS	Dc = 22°30' 00" - 7.00%

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CITY OF BALTIMORE
APPROVED
David A. Cearfoss
DAVID A. CEARFOSS
SEDIMENTATION & EROSION CONTROL
REPRESENTATIVE

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING	<i>R.K.K.</i>	4-30-73
WATER DIVISION	<i>W.A.H.</i>	4-30-73
WASTE WATER DIVISION	<i>W.A.H.</i>	4-30-73
HIGHWAY ENGINEERING DIVISION	<i>W.A.H.</i>	4-30-73
SURVEY AND RECORDS DIVISION	<i>W.A.H.</i>	4-30-73
BUREAU OF UTILITY OPERATIONS	<i>W.A.H.</i>	4-30-73
LIGHTING SECTION	<i>G.H.N.</i>	4-30-73
CONDUIT SECTION	<i>G.H.N.</i>	4-30-73
DEPARTMENT OF TRANSIT AND TRAFFIC	<i>J.L.E.</i>	4/30/73

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
[Signature]
HEAD, BUREAU OF ENGINEERING
APPROVED
[Signature]
DIRECTOR OF PUBLIC WORKS

PREPARED BY
KINDER, BENDER, STONE & ASSOCIATES, INC.
AND
MATZ, CHILDS & ASSOCIATES, INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND
[Signature]
JOHN L. CAHON
APRIL 30, 1973
DATE

ADDENDUM NO 5 SEPT. 13, 1973

STATE ROADS COMMISSION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
[Signature] 4/30/73
CHIEF, BUREAU OF ENGINEERING
APPROVAL RECOMMENDED
[Signature] 5/1/73
DEPUTY CHIEF ENGINEER - DEVELOPMENT
APPROVAL RECOMMENDED
[Signature] 4/30/73
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVED
[Signature]
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER _____ DATE _____

FILE NO.	STATE	FILE NO.	SHEET NO.	TOTAL SHEETS
2	MD.	I-95-4(42)34	1	36

- INDEX OF SHEETS
- 1 TITLE SHEET & LOCATION PLAN
 - 2 EXPLANATORY NOTES & DETAILS
 - 3 PLAN - PEDESTRIAN OVERPASS
 - 4 PLAN - PEDESTRIAN OVERPASS & QUINTON ST.
 - 5 PROFILE - PEDESTRIAN OVERPASS
 - 6 PROFILE - QUINTON ST & ACCESS RD.
 - 7 MISC. DETAILS
 - 8 TRANSIT AND TRAFFIC FACILITIES
 - 9 - II EASTWOOD PARK PLAN & DETAILS
 - 12 PLAN - ACCESS ROAD
 - 13 PLAN - I-95 STA 361+00 TO STA 364+00 & MISC. DETAILS
 - 14 DRAINAGE DETAILS
 - 15 - 28 PEDESTRIAN OVERPASS
 - 29-36 SUMMARY OF QUANTITIES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

RIGHT OF WAY PLATS
I-95-035 THRU I-95-037, I-95-040,
I-95-101, I-95-102, I-95-104 & I-95-105

1 ADDENDUM NO 1 JULY 31, 1972

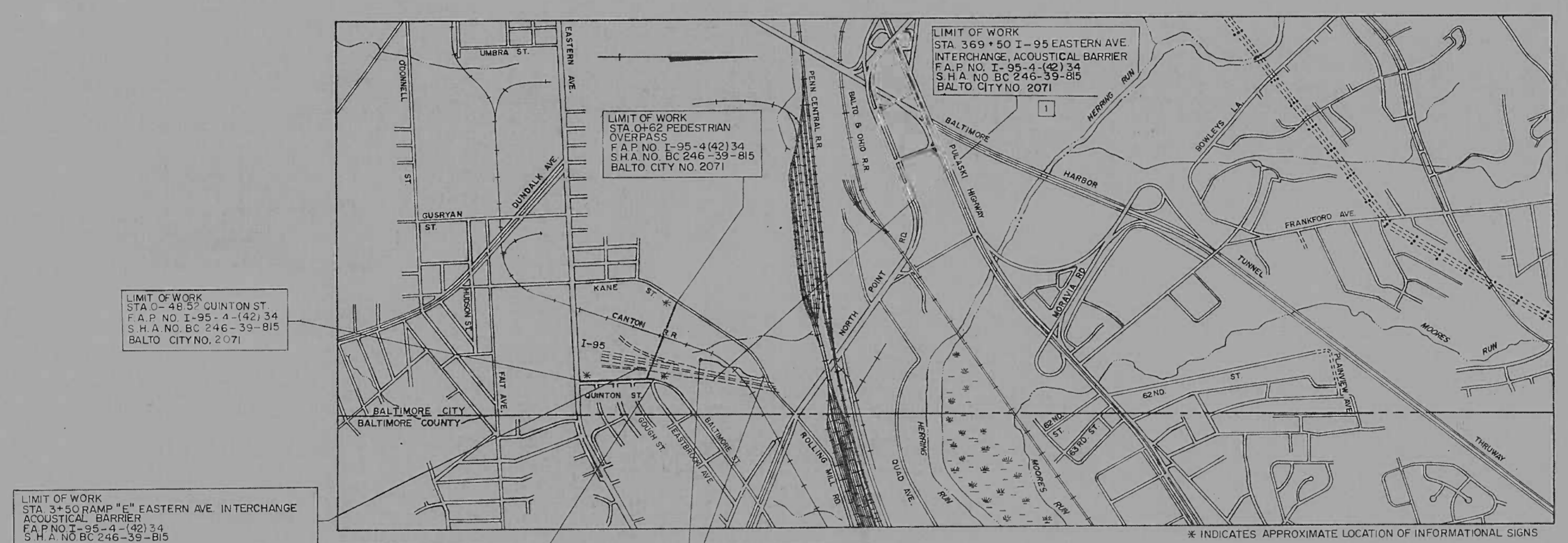
20A
20B
20C

FEDERAL AID PROJECT NO. I-95-4(42)34
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-39-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2071

INTERSTATE ROUTE 95

PEDESTRIAN OVERPASS - KANE STREET TO QUINTON STREET

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-019	HORIZONTAL CONTROL, TOPO, CROSS-SECTIONS
I-95-020	TOPO. CROSS SECTIONS



LIMIT OF WORK
STA 0+48.59 QUINTON ST
F.A.P. NO. I-95-4(42)34
S.H.A. NO. BC 246-39-815
BALTO. CITY NO. 2071

LIMIT OF WORK
STA 0+62 PEDESTRIAN
OVERPASS
F.A.P. NO. I-95-4(42)34
S.H.A. NO. BC 246-39-815
BALTO. CITY NO. 2071

LIMIT OF WORK
STA 369+50 I-95 EASTERN AVE
INTERCHANGE, ACOUSTICAL BARRIER
F.A.P. NO. I-95-4(42)34
S.H.A. NO. BC 246-39-815
BALTO. CITY NO. 2071

LIMIT OF WORK
STA 3+50 RAMP "E" EASTERN AVE. INTERCHANGE
ACOUSTICAL BARRIER
F.A.P. NO. I-95-4(42)34
S.H.A. NO. BC 246-39-815
BALTO. CITY NO. 2071

LIMIT OF WORK
STA 11+03.5 QUINTON ST
F.A.P. NO. I-95-4(42)34
S.H.A. NO. BC 246-39-815
BALTO. CITY NO. 2071

LIMIT OF WORK
STA 10+50 ACCESS RD
F.A.P. NO. I-95-4(42)34
S.H.A. NO. BC 246-39-815
BALTO. CITY NO. 2071

LIMIT OF WORK
STA 0+00 ACCESS RD
F.A.P. NO. I-95-4(42)34
S.H.A. NO. BC 246-39-815
BALTO. CITY NO. 2071

LOCATION PLAN
SCALE: 1"=1000'

LENGTH OF PROJECT
PEDESTRIAN OVERPASS 1102.67 FT
QUINTON STREET 1152 FT
ACCESS ROAD 1050 FT

* INDICATES APPROXIMATE LOCATION OF INFORMATIONAL SIGNS

EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM "COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION."

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CITY OF BALTIMORE
APPROVED
David A. Cearfoss
DAVID A. CEARFOSS
SEDIMENTATION & EROSION CONTROL
REPRESENTATIVE

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING	RJK/BAL	5-26-72
WATER DIVISION	W.A.H./BAL	5-26-72
HIGHWAY ENGINEERING DIVISION	2071	5-26-72
SURVEY AND RECORDS DIVISION	A.P.M.	5-26-72
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	G.L.N./BAL	5-26-72
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	G.L.N./BAL	5-26-72
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E.	6-30-72

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
[Signature]
HEAD BUREAU OF ENGINEERING
APPROVED
[Signature]
DIRECTOR OF PUBLIC WORKS



PREPARED BY
KNOERLE, BENDER, STONE & ASSOCIATES, INC
AND
MATZ, CHILDS, & ASSOCIATES, INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND
[Signature]
LEO F. FIANDER
DATE
6/24/72

CANTON RAILROAD COMPANY
REVIEWED AND APPROVED
[Signature]
By Doughty W. Davis
Vice President
DATE
6-13-1972

STATE ROADS COMMISSION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
[Signature]
CHIEF BUREAU OF ENGINEERING
APPROVAL RECOMMENDED
[Signature]
CHIEF INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVAL RECOMMENDED
[Signature]
DEPUTY CHIEF ENGINEER - DEVELOPMENT
APPROVED
[Signature]
CHIEF ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
[Signature]
DIVISION ENGINEER

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I-95-4(6)	EX-1	10

INDEX OF DRAWINGS

- EX-1 TITLE SHEET
- EX-2 GENERAL PLAN & ELEVATION
- EX-3 TUNNEL ENTRANCE PITS & DETAILS
- EX-4 TUNNEL SECTION & DETAILS
- EX-5 TUNNEL DRAINAGE DETAILS
- EX-6 UTILITY PLAN & DETAILS
- EX-7 DETOUR ROAD
- EX-8 SUGGESTED CONSTRUCTION SEQUENCE
- EX-9 BORING LOGS
- EX-10 SUMMARY OF QUANTITIES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(6)
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC-246-3-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2314

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS

INTERSTATE ROUTE 95

PIPE TUNNEL

(UNDER BOSTON STREET - WEST OF HAVEN STREET)



LOCATION PLAN
SCALE: 1"=500'
LENGTH OF PROJECT 0.042 MI.

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-152	TOPOGRAPHY & CROSS SECTIONS

- LEGEND
- WOODEN POLE (G & E, C & P, ETC.)
 - UTILITY - AIR VENT

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION SEDIMENTATION & EROSION CONTROL HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	INITIALS <i>R.N./BAP</i> <i>W.A./BAP</i> <i>E.L./WZ</i> <i>W.Z.O.</i> <i>G.L.N./BAP</i> <i>G.L.N./BAP</i>	DATE 4-24-75 4-24-75 4-25-75 4-25-75 4-24-75 4-24-75	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED HEAD, BUREAU OF ENGINEERING APPROVED DIRECTOR OF PUBLIC WORKS	PREPARED BY CENTURY ENGINEERING, INC. AND LISIECKI, DORSEY, KOHLER AND PUROY, INC. ASSOCIATED ENGINEERS BALTIMORE, MARYLAND DATE 4/24/75	EXXON COMPANY, U.S.A. REVIEWED AND APPROVED BY <i>Paul Quinn</i> DATE MAY 6 1975	STATE HIGHWAY ADMINISTRATION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED CHIEF, BUREAU OF DESIGN APPROVAL RECOMMENDED CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY APPROVED CHIEF ENGINEER	U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED DIVISION ENGINEER _____ DATE _____
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD	I-95-4(43)36		16

SH. NO. INDEX OF SHEETS

1 TITLE SHEET
 2 TYPICAL SECTIONS
 3 GEOMETRY & REFERENCES

RAILROAD DRAWINGS

4 PLAN & PROFILE SHEET
 C & O / B & O RR STA 99+00 TO STA 108+00
 5 PLAN & PROFILE SHEET
 C & O / B & O RR STA 108+00 TO STA 115+00
 6 MOORE'S RUN RELOCATED STA 5+75 TO STA 12+50
 PLAN & PROFILE SHEET
 C & O / B & O RR STA 115+00 TO STA 121+00
 7 PROFILE SHEET
 MOORE'S RUN RELOCATED STA 5+75 TO STA 12+50

STRUCTURAL DRAWINGS

8 GENERAL PLAN AND ELEVATION
 9 DEMOLITION AND CONSTRUCTION STAGES
 * 10 WEST ABUTMENT
 11 EAST ABUTMENT
 12 PIER
 13 FRAMING PLAN
 14 MISCELLANEOUS SUBSTRUCTURE DETAILS AND BORING LOGS

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 AND
 STATE ROADS COMMISSION OF MARYLAND
 INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(43)36
 STATE ROADS COMMISSION PROJECT NO. BC 246-40-815
 CITY OF BALTIMORE BUREAU OF ENGINEERING,
 HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2072

INTERSTATE ROUTE 95

C & O / B & O RAILROAD BRIDGE OVER MOORE'S RUN

NOTES

1) EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM "COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

2) WHEREVER THE TITLE "C & O / B & O RAILROAD" AND/OR TERM "RAILROAD" IS USED IN THE PLANS OR SPECIAL PROVISIONS, IT SHALL BE CONSTRUED TO BE "B & O RAILROAD"

SUMMARY OF QUANTITIES

15 SUMMARY OF QUANTITIES
 16 SUMMARY OF QUANTITIES

* 10A ADDED 9-6-73

FIELD BOOKS	
BOOK NO	DESCRIPTION
I-95-001	SPUR
I-95-005	SPUR
I-95-015	CROSS SECTIONS & TOPOGRAPHY
I-95-018	CROSS SECTIONS
I-95-022	CROSS SECTIONS
I-95-023	SPUR & TOPOGRAPHY
I-95-024	CROSS SECTIONS
I-95-025	SPUR & CROSS SECTIONS



LIMIT OF WORK
 STA 99+00
 F.A.P. NO. I-95-4(43)36
 S.R.C. NO. BC 246-40-815
 B.C. NO. 2072

LOCATION PLAN
 SCALE 1"=1000'
 DESIGN SPEED - 45 MPH
 LENGTH OF PROJECT - 0.4167 MILES

LIMIT OF WORK
 STA 121+00
 F.A.P. NO. I-95-4(43)36
 S.R.C. NO. BC 246-40-815
 B.C. NO. 2072

EXISTING	LEGEND	PROPOSED
	BENCH MARK	
	HEDGE	
	MARSH	
	STREAM	
	RIGHT OF WAY LINE	
	RAILROAD	
	STORM DRAIN	
	END SECTION	
	SLOPE LIMITS (TOE OF FILL)	
	DITCH, GRASS (SEED & MULCH) (SOD)	
	PLACED RIPRAP 18" THICK	
	UTILITY - ABANDONED - TO BE ABANDONED	
	WOODEN POLE	

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CITY OF BALTIMORE APPROVED: <i>David A. Cearfoss</i> DAVID A. CEARFOSS SEDIMENTATION & EROSION CONTROL REPRESENTATIVE		BALTIMORE COUNTY APPROVED: <i>Albert B. Kaltenbach</i> ALBERT B. KALTENBACH DIRECTOR OF PUBLIC WORKS		PREPARED BY KRIGERLE, BENDER, STONE & ASSOCIATES, INC. AND MATZ CHILDS & ASSOCIATES, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND		STATE ROADS COMMISSION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED <i>Richard M. Evans</i> for 9/10/72 CHIEF, BUREAU OF ENGINEERING		U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVAL RECOMMENDED <i>Hugh B. Danner</i> 6/14/72 DEPUTY CHIEF ENGINEER - DEVELOPMENT	
CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION HIGHWAY MAINTENANCE DIV. CONDUIT SECTION HIGHWAY MAINTENANCE DIV.		CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>[Signature]</i> HEAD, BUREAU OF ENGINEERING		APPROVED <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS		APPROVAL RECOMMENDED <i>[Signature]</i> CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY		APPROVED <i>[Signature]</i> DIVISION ENGINEER	
DEPARTMENT OF TRANSIT AND TRAFFIC INITIALS: <i>[Initials]</i> DATE: <i>[Date]</i>		INITIALS: <i>[Initials]</i> DATE: <i>[Date]</i>		INITIALS: <i>[Initials]</i> DATE: <i>[Date]</i>		INITIALS: <i>[Initials]</i> DATE: <i>[Date]</i>		INITIALS: <i>[Initials]</i> DATE: <i>[Date]</i>	

INDEX OF DRAWINGS

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G-3	TYPICAL SECTIONS
G-5	MISCELLANEOUS ROADWAY DETAILS
G-6	GEOMETRIC CONTROLS
G-7	REFERENCE HUBS
G-8	REFERENCE HUBS AND DETAILS
G-9	SUPERELEVATION DIAGRAMS
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R-2	PLAN SHEET I-95 STA 232+00 TO STA 241+00
R-3	PLAN SHEET I-95 STA 241+00 TO STA 243+71
R-4	PLAN SHEET RAMP 'C' & 'D'
R-5 - R-12	ROADWAY PROFILES
R-13	DETAIL OF RAMP 'C'
R-14	DETAIL OF RAMP 'D'
R-15 - R-17	STORM DRAIN PROFILES
R-18 - R-19	STORM DRAIN DETAILS
R-20	GRADING PLAN
T-1	GENERAL NOTES AND LEGEND - TRAFFIC DEVICES
T-2	PLAN - TRAFFIC DEVICES
T-3	ATTENUATION DEVICE
E-1 - E-4	CONDUIT PLANS
E-5 - E-6	CONDUIT INSTALLATION DETAILS
S-1	LOCATION PLAN & GENERAL NOTES
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S-4	FOUNDATION PLAN - I-95 N.B.R. & S.B.R.
S-5 - S-6	ANCHOR BOLT LAYOUT - I-95 N.B.R. & S.B.R.
S-7 - S-12	PIER ELEVATIONS & DETAILS - I-95 N.B.R. & S.B.R.
S-13 - S-15	PIER FOOTINGS - I-95 N.B.R. & S.B.R.
S-16	SLAB REINFORCING - I-95 N.B.R. & S.B.R.
S-17 - S-22	FRAMING UNITS - I-95 N.B.R. & S.B.R.
S-23 - S-29	CAMBER SCHEDULES - I-95 N.B.R. & S.B.R.
S-30 - S-35	DECK ELEVATIONS - I-95 N.B.R. & S.B.R.
S-36 - S-37	PLANS & ELEVATIONS - RAMP 'C'
S-38	FOUNDATION PLAN - RAMP 'C'
S-39	WEST ABUTMENT - RAMP 'C'
S-40	WINGWALL DETAILS - RAMP 'C' & 'D'
S-41 - S-43	RETAINING WALLS - RAMP 'C'
S-44	ANCHOR BOLT LAYOUT - RAMP 'C'
S-45	PIER ELEVATIONS & DETAILS - RAMP 'C'
S-46	PIER FOOTINGS - RAMP 'C'
S-47	SLAB REINFORCING & MISC. DETAILS - RAMP 'C' & 'D'
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S-50 - S-51	CAMBER SCHEDULES - RAMP 'C'
S-52 - S-53	DECK ELEVATIONS - RAMP 'C'
S-54 - S-55	PLANS & ELEVATIONS - RAMP 'D'
S-56	FOUNDATION PLAN - RAMP 'D'
S-57	WEST ABUTMENT - RAMP 'D'
S-58	ANCHOR BOLT LAYOUT - RAMP 'D'
S-59 - S-60	PIER ELEVATIONS & DETAILS - RAMP 'D'
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S-91	JOINT DETAILS - RUSSELL ST. WIDENING
S-92	MISC. DETAILS - RUSSELL ST. WIDENING
S-93	ROADWAY ELEVATIONS - RUSSELL ST. WIDENING
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S-20A	TYPE 'D' SIGN SUPPORT STRUCTURE
Q-1	EARTHWORK SUMMARY
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CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
FEDERAL AID PROJECT NO. I-95-4(63)33
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-60-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2219

INTERSTATE ROUTE 95
WEST OF RUSSELL STREET TO OLD ANNAPOLIS ROAD
AND RAMPS 'C' & 'D'

NOTE:

EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE 'STATE ROADS COMMISSION' AND/OR 'TERM COMMISSION' IS USED, IT SHALL BE CONSTRUED TO BE 'THE STATE HIGHWAY ADMINISTRATION'.

NOTICE TO CONTRACTOR

IT SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR ON THIS CONTRACT TO COORDINATE ALL OF HIS ACTIVITIES, INCLUDING THOSE OF HIS SUB-CONTRACTORS WITH THE CONTRACTORS, SUBCONTRACTORS AND BALTIMORE CITY FORCES WORKING ON ADJACENT PROJECTS, NAMELY BALTIMORE CITY CONTRACT NO. 2204 AND CONTRACT NO. 2270.

FED. AID REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I-95-4(63)33	6-1	152 G-10

FIELD BOOKS	
BOOK No.	DESCRIPTION
I-95-43	ALIGNMENT
I-95-44	ALIGNMENT
I-95-46	ALIGNMENT
I-95-47	ALIGNMENT
I-95-48	ALIGNMENT
I-95-49	ALIGNMENT
I-95-54	TOPO
I-95-55	TOPO
I-95-56	TOPO
I-95-57	TOPO
I-95-58	TOPO
I-95-50	LEVEL
I-95-51	LEVEL
I-95-59	CROSS SECTION
I-95-61	CROSS SECTION
I-95-65	CROSS SECTION

TRAFFIC DATA	
INTERSTATE ROUTE 95 WEST OF RUSSELL STREET TO OLD ANNAPOLIS ROAD AND RAMPS 'C' & 'D'	
1975 A D T	118,500
1995 A D T	133,900
1995 D H V	13,390
D. D.	60% - 40%
PEAK HR. FACTOR	1.0
TRUCK D H V	7%
RAMP C	
1995 A D T	6,100
1995 D H V	610
RAMP D	
1995 A D T	5,000
1995 D H V	500
MAX. CURVATURE	MAX GRADE
MAINLINE 0°18'05.6"	+2.0%
RAMPS 18°10'14.7"	-7.0%



LOCATION PLAN
SCALE 1"=1000'

I-95
DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 0.252 MILES

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION SEDIMENTATION & EROSION CONTROL HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	INITIALS R. J. K. / 10/20 W. A. H. / 10/20 B. G. / 10/20 W. L. O. / 10/20 G. L. N. / 10/20 G. L. M. / 10/20 J. W. E. / 10/20	DATE 6-12-75 6-12-75 6-12-75 6-12-75 6-12-75 6-12-75 6-12-75	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED BY William E. Riley HEAD BUREAU OF ENGINEERING APPROVED [Signature] DIRECTOR OF PUBLIC WORKS	PREPARED BY EWELL, BOMHARDT & ASSOC. SANDER & THOMAS Consulting Engineers BALTIMORE, MARYLAND APPROVED [Signature] DATE JUNE 12, 1975	ADDENDUM NO 2 8-15-75 INDEX ADDITION BY J.J.K. 5-25-77 STATE HIGHWAY ADMINISTRATION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED BY [Signature] CHIEF, BUREAU OF DESIGN APPROVAL RECOMMENDED BY [Signature] CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY APPROVED [Signature] CHIEF ENGINEER	U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED [Signature] DIVISION ENGINEER DATE
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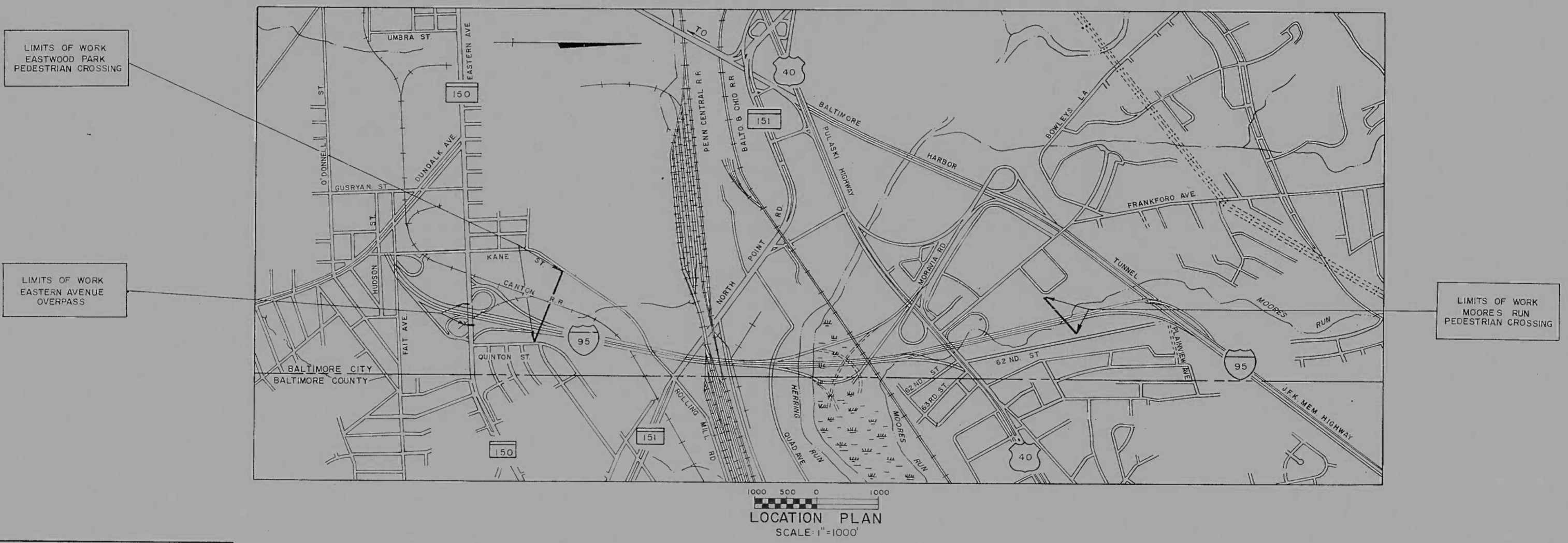
FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-95-4(89)39	1	6

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PEDESTRIAN PROTECTIVE BARRIER MOORE'S RUN PEDESTRIAN CROSSING
3	PEDESTRIAN PROTECTIVE BARRIER EASTWOOD PARK PEDESTRIAN CROSSING
4	HANDRAIL & BARRICADE DETAILS
5	PEDESTRIAN PROTECTIVE BARRIER EASTERN AVE. & EASTWOOD PARK
6	QUANTITIES & MISCELLANEOUS DETAILS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
 FEDERAL AID PROJECT NO. I-95-4(89)39
 STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-84-815
 CITY OF BALTIMORE BUREAU OF ENGINEERING
 HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2418

I-95 SAFETY IMPROVEMENTS TO THE
PEDESTRIAN BARRIERS ON EASTERN AVE.,
EASTWOOD PARK, and MOORE'S RUN STRUCTURES



INTERSTATE DIVISION FOR BALTIMORE CITY <i>E. P. Kramer, E.P.</i> 1-31-77 SEDIMENTATION AND EROSION CONTROL APPROVAL		CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS		STATE HIGHWAY ADMINISTRATION OF MARYLAND		U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
CHECKED BY CITY OF BALTIMORE: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION	INITIALS <i>RJK/BGP</i> <i>WAH/11849</i>	DATE 2-4-77 2-4-77	PREPARED BY THE INTERSTATE DIVISION FOR BALTIMORE CITY	REVIEWED AND APPROVAL RECOMMENDED <i>[Signature]</i> 2/10/77 CHIEF, BUREAU OF DESIGN	APPROVAL RECOMMENDED <i>[Signature]</i> 2/10/77 CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY	APPROVED DIVISION ADMINISTRATOR	DATE
HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	INITIALS <i>WLO</i> <i>JW</i> <i>IW/1849</i> <i>IW/1849</i>	DATE 2-8-77 2-8-77 2-4-77 2-4-77	APPROVAL RECOMMENDED <i>[Signature]</i> 2-9-77 HEAD, BUREAU OF ENGINEERING	APPROVED CHIEF ENGINEER	APPROVED DIVISION ADMINISTRATOR	DATE	DATE
DEPARTMENT OF TRANSIT AND TRAFFIC	INITIALS <i>J.W.E.</i>	DATE 2-7-77	APPROVED DIRECTOR OF PUBLIC WORKS	APPROVED CHIEF ENGINEER	APPROVED DIVISION ADMINISTRATOR	DATE	DATE

1 of 6

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 PLAN SHEET
- 3 PROFILE SHEET
- 4 MISC DETAILS
- 5 MISC DETAILS
- 6-9 S.B.R. I-95 BRIDGE OVER KENNEDY MEMORIAL HIGHWAY
- 10 EARTHWORK SUMMARY
- 20 SUMMARY OF QUANTITIES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4-(33)36
STATE ROADS COMMISSION PROJECT NO. BC 246-30-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1971

INTERSTATE ROUTE 95

S.B.R. I-95 OVER KENNEDY MEMORIAL HIGHWAY

LIMIT OF WORK
SBR STA 454+00
I-95-4-(33)36
BC 246-30-815
1971

CONVENTIONAL SIGNS

EXISTING

- EXISTING STORM DRAIN
- GUARD RAIL
- TELEPHONE POLES
- POWER POLES
- HEDGE
- WOODS LINE
- MARSH
- STREAM
- FENCES WOOD
WIRE
- BENCH MARK
- EXISTING ROADWAY

PROPOSED

- PROPOSED STORM DRAIN STRUCTURES
- RIGHT OF WAY LINE
- CORPORATE LIMITS
- PROPOSED GUARD RAIL
- APPROXIMATE GRADING LIMITS
- DITCHES S.B.M.
SOD
CONCRETE
PLACED RIPRAP

ABBREVIATIONS

- | | |
|--|---|
| MD S.R.C. MARYLAND STATE ROADS COMMISSION | B.C.C.M.P. BIT COATED CORRUGATED METAL PIPE |
| B SURVEY BASE LINE OF SURVEY | R.C.C.P. REINFORCED CONCRETE CULVERT PIPE |
| CONSTR. BASE LINE OF CONSTRUCTION | U.D. UNDERDRAIN |
| B.M. BENCH MARK | S.P.P. STRUCTURAL PLATE PIPE |
| S.E. SUPERELEVATION RATE | S.S.D. STOPPING SIGHT DISTANCE |
| P.G.L. PROFILE GRADE LINE | N.B.R. NORTH BOUND ROADWAY |
| P/GI. PROFILE OF GROUND LINE | S.B.R. SOUTH BOUND ROADWAY |
| P/AE. POINT OF APPLICATION OF PROFILE GRADE LINE | S.D. SIDE DITCH |
| P/C. POINT OF CROWN | B.D. BERM DITCH |
| P/R. POINT OF ROTATION | O.D. OUTLET DITCH |
| V.D. VERTICAL DEPTH | S.D.D. SURFACE DRAIN DITCH |
| S.B.M. SEED B MULCH | CH. CH. CHANNEL CHANGE |
| M.H. MANHOLE | U.D.O. UNDERDRAIN OUTLET PIPE |
| H.W. HEADWALL | G.R. GUARD RAIL |
| I.D. INLET DITCH | M.D. MEDIAN DIVIDER |
| M.V.D. MEDIAN VEE DITCH | E.S. PIPE CULVERT END SECTION |



* INDICATES REFERENCE LOCATION OF INFORMATIONAL SIGN
LOCATION PLAN
SCALE: 1"=1000'
DESIGN SPEED 60 MPH.
LENGTH OF PROJECT 0.142 miles

SOIL LEGEND

- A-4-2
- A-3
- A-4-7

FIELD BOOKS

BOOK NO.	DESCRIPTION
I-95-001	CROSS SECTIONS
I-95-002	TRAVERSE
I-95-009	TRAVERSE
I-95-010	CROSS SECTIONS

TRAFFIC DATA

	1970	1990
ADT	26,800	62,000
DHV		4,960
D		60%
% Trucks ADT		13%
% Trucks DHV		7%
MAX. CURVE	Dc = 4" 00' 00"	
MAX. GRADE	2.52%	

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND MAPPING DIVISION BUREAU OF UTILITIES LIGHTING DIVISION MAINTENANCE DIVISION MAINTENANCE DIVISION	INITIALS DATE	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED HEAD OF BUREAU OF ENGINEERING APPROVED DEPARTMENT OF PUBLIC WORKS	PREPARED BY: KNOERLE, BENJAMIN S. JR. AND MATZ, DONALD W. JR. CYPRELL, DONALD BELLWORK, JOHN	STATE ROADS COMMISSION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED APPROVAL RECOMMENDED APPROVED APPROVED	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION BUREAU OF TRUCK BOARDS APPROVED
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD	I-95-4(50)28	1	20

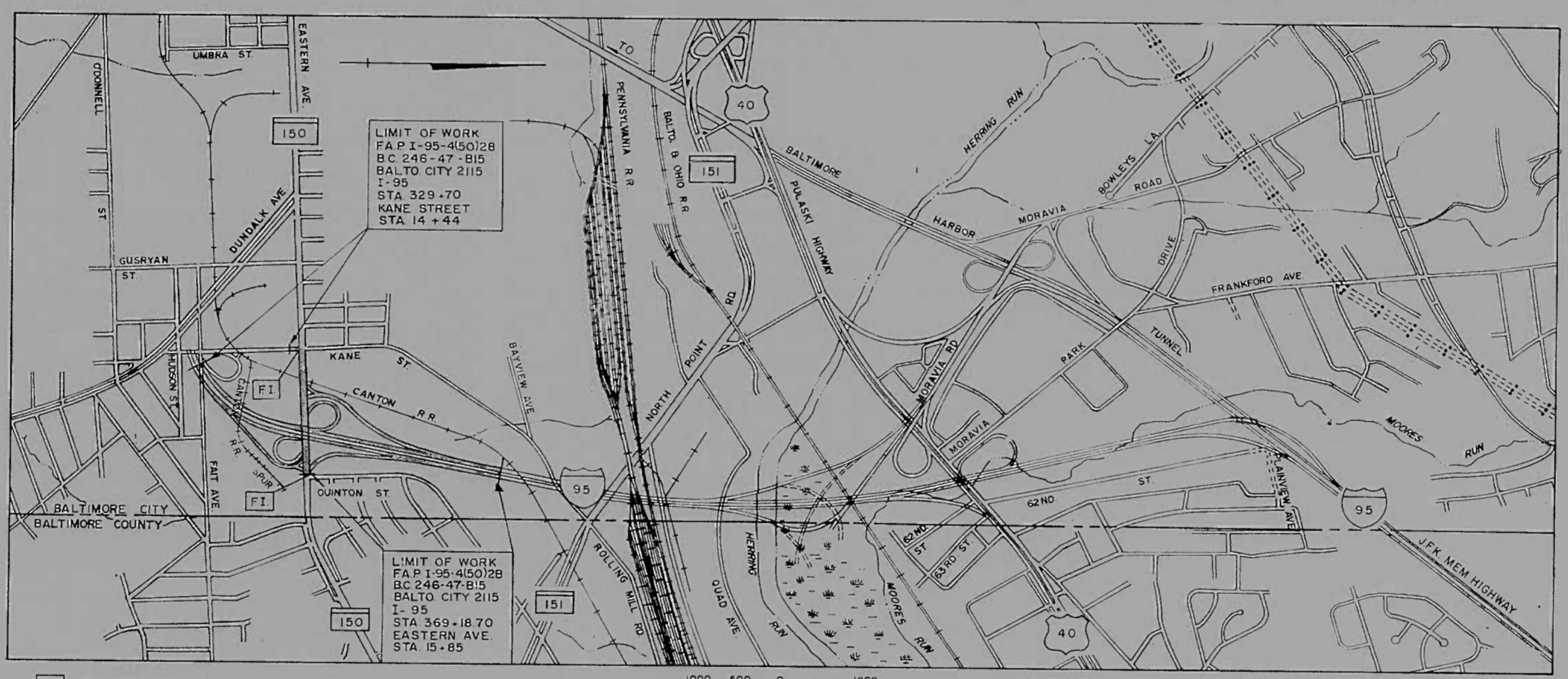
- INDEX OF SHEETS**
- 1 TITLE SHEET AND LOCATION MAP
 - 2 GENERAL NOTES, PROPOSAL ITEMS AND SIGN INDEX
 - 3 SIGN MESSAGES, DETAILS AND DIMENSIONS
 - 4 PLAN - EASTERN AVENUE TO STA 367+50
 - 5 SHIELDS FOR GUIDE SIGNS
 - 6 SIGN FOUNDATION DETAILS
 - 7 SIGN STRUCTURE ELEVATIONS NUMBERS 1, 2, 3, 4 AND 8
 - 8 SIGN STRUCTURE ELEVATIONS NUMBERS 5, 6, 7, AND 9.
 - 9 MISCELLANEOUS SUPERSTRUCTURE DETAILS
 - 10 SIGN PANEL ASSEMBLY DETAILS
 - 11 SIGN STRUCTURE ILLUMINATION DETAILS
 - 12 TEST BORING DATA
 - 13 INTERCHANGE LAYOUT - GEOMETRY PLAN
 - 14 PLAN - STA. 329+70 TO STA 333+00
 - 15 PLAN - STA. 333+00 TO STA 342+00
 - 16 PLAN - STA 342+00 TO STA 348+00 & EASTERN AVE. STA. 7+20 TO STA. 15+85
 - 17 PLAN - KANE STREET & EASTERN AVE. TO STA 7+20
 - 18 PLAN - STA. 348+00 TO STA 355+00
 - 19 PLAN - STA 355+00 TO STA 367+00
 - 20 PLAN - STA 367+00 TO STA 369+18.70
- SIGNING PLANS**
- UTILITY PLANS**

**CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY**

FEDERAL AID PROJECT NO. I-95-4(50)28
STATE ROADS COMMISSION PROJECT NO. BC 246-47-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2115

INTERSTATE ROUTE 95 HIGHWAY SIGNING PLANS

SOUTH OF KANE STREET AT BAYVIEW AVENUE TO EAST OF KANE STREET AT FAIT AVENUE



FI DENOTES INFORMATIONAL SIGNS STATE OF MARYLAND STANDARD 104 41 (2 REQUIRED) COST TO BE INCLUDED IN THE PRICE BID FOR "MAINTENANCE OF TRAFFIC"

LOCATION PLAN
SCALE 1"=1000'

DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 0.75 MILES

NOTE
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

INTERSTATE ROUTE 95	O'Donnell St to Eastern Ave.	Eastern Ave. to W-M Interchange
1967 ADT	72,500	65,700
1990 ADT	132,200	133,800
1990 DDHV	6,610	6,690
Trucks DHV	10%	13%
EASTERN AVE	East of I-95	West of I-95
1967 ADT	29,900	21,400
1990 ADT	40,000	32,500
1990 DDHV	2,000	1,625
Trucks DHV	8%	8%

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION - HIGHWAY MAINTENANCE DIV. CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	INITIALS RJK/BAP WAH/BAP WCE	DATE 12-21-72 12-21-72 12-21-72	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>Edmund Dalton</i> HEAD, BUREAU OF ENGINEERING APPROVED <i>V. C. ...</i> DIRECTOR OF PUBLIC WORKS	PREPARED BY KNOERLE, BENDER, STONE & ASSOCIATES, INC. AND MATZ, CHILDS & ASSOCIATES, INC. CONSULTING ENGINEERS BALTIMORE, MARYLAND John L. Caroon JOHN L. CAROON November 1, 1972 DATE	STATE ROADS COMMISSION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED <i>J. ...</i> CHIEF, BUREAU OF ENGINEERING APPROVAL RECOMMENDED <i>Walter F. Woodhull</i> CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY	APPROVAL RECOMMENDED <i>Harold J. ...</i> DEPUTY CHIEF ENGINEER - DEVELOPMENT APPROVED <i>Walter F. Woodhull</i> CHIEF ENGINEER	U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED DIVISION ENGINEER DATE
	DEPARTMENT OF TRANSIT AND TRAFFIC INITIALS JWC DATE 12-21-72						

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.	I-95-4(55)30	1	3

INDEX OF SHEETS	
NO	DESCRIPTION
1	TITLE SHEET AND LAYOUT
2	PLAN - STA 8+00.00 I-95 TO STA 136+00.00 I-95
3	SUMMARY OF QUANTITIES

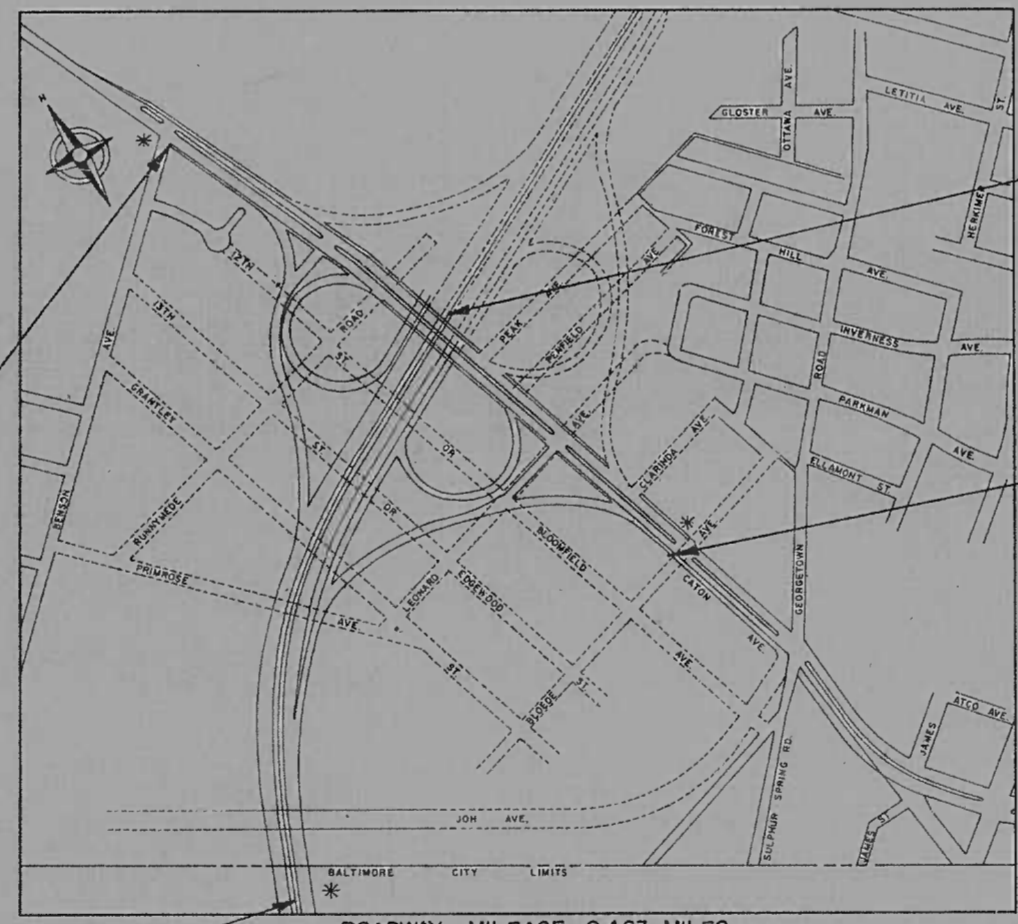
CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 AND
 STATE ROADS COMMISSION OF MARYLAND
 INTERSTATE DIVISION FOR BALTIMORE CITY
FENCING PROJECT
STATE HIGHWAY
INTERSTATE ROUTE 95
SOUTHWEST CITY LINE TO CATON AVE.

TRAFFIC DATA					
DATA	INTERSTATE 95		CATON AVENUE		JOH AVE
	1967	1990	1966	1988	1985
ADT	76,100	108,500	39,450	60,300	8,300
DHV	11,950	11,950	8% OF ADT	8% OF ADT	800
%TRUCKS ADT	4%	10%	10%	10%	70%
%TRUCKS DHV	5%	5%	5%	5%	—
DIRECT DISTRIB.	•	60%			50%

FEDERAL AID PROJECT NO. I-95-4(55)30
 S.H.A. CONTRACT NO. BC-246-52-815
 BALTIMORE CITY CONTRACT NO. 2156

FIELD BOOKS	
BOOK NO.	DESCRIPTION
1	INTERSTATE 95 ALIGNMENT
5	CONTROLS

NOTE: EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM "COMMISSION" IS USED IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION".



LIMIT OF WORK
 STA. 63+42.00 CATON AVE.
 F.A.P. NO. I-95-4(55)30
 S.H.A. CONTRACT NO. BC-246-52-815
 BALTO CITY CONTRACT NO. 2156

LIMIT OF WORK
 STA. 136+00.00
 F.A.P. NO. I-95-4(55)30
 S.H.A. CONTRACT NO. BC-246-52-815
 BALTO CITY CONTRACT NO. 2156

LIMIT OF WORK
 STA. 36+52.00 CATON AVE.
 F.A.P. NO. I-95-4(55)30
 S.H.A. CONTRACT NO. BC-246-52-815
 BALTO CITY CONTRACT NO. 2156

EXPLANATORY NOTES AND REFERENCES
 SPECIFICATIONS
 MARCH, 1968 SPECIFICATIONS AND SPECIAL PROVISIONS
 TERMINAL POSTS
 TERMINAL POST SHALL BE AS CLOSE AS POSSIBLE ADJACENT BRIDGE ABUTMENTS OR HANDRAILS AS DIRECTED BY THE ENGINEER.

*DENOTES SUGGESTED LOCATION OF INFORMATIONAL SIGN REQUIRED FOR THIS PROJECT SEE STANDARD PLATE SF 5 FOR DETAILS.

CITY OF BALTIMORE
 APPROVED
David A. Bearossi
 DAVID A. BEAROSS
 SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING	RJK/BSP	4-30-73
WATER DIVISION	WAB/CSP	4-30-73
WASTE WATER DIVISION	WSE	5-1-73
HIGHWAY ENGINEERING DIVISION	WSE	4/22
SURVEY AND RECORDS DIVISION		
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	LH N. BARR	4-30-73
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	GHM/BSP	4-30-73
DEPARTMENT OF TRANSIT AND TRAFFIC	JWE	4/30/73

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 APPROVAL RECOMMENDED
[Signature]
 HEAD, BUREAU OF ENGINEERING
 APPROVED
[Signature]
 DIRECTOR OF PUBLIC WORKS

PREPARED BY
 BAKER-WIBBERLEY & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 HAGERSTOWN, MD. BALTIMORE, MD.

Robert D. Vandenberg
 4/30/73
 DATE

STATE ROADS COMMISSION OF MARYLAND
 REVIEWED AND APPROVAL RECOMMENDED
[Signature] 4/30/73
 CHIEF, BUREAU OF ENGINEERING
 APPROVAL RECOMMENDED
[Signature] 4/30/73
 CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVAL RECOMMENDED
[Signature] 5/1/73
 DEPUTY CHIEF ENGINEER - DEVELOPMENT
 APPROVED
[Signature] 5/1/73
 CHIEF ENGINEER

U S DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 APPROVED
 DIVISION ENGINEER
 DATE

2	MD	1-95-4156130	1	4
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CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

EXPLANATORY NOTE
STANDARD PLATES
WHENEVER REFERENCE IS MADE TO STANDARD PLATES
IT WILL BE THE CONTRACTOR'S RESPONSIBILITY THAT
THE STANDARD PLATES IN HIS POSSESSION ARE THE
LATEST S.R.C. STANDARD PLATES

INDEX OF SHEETS

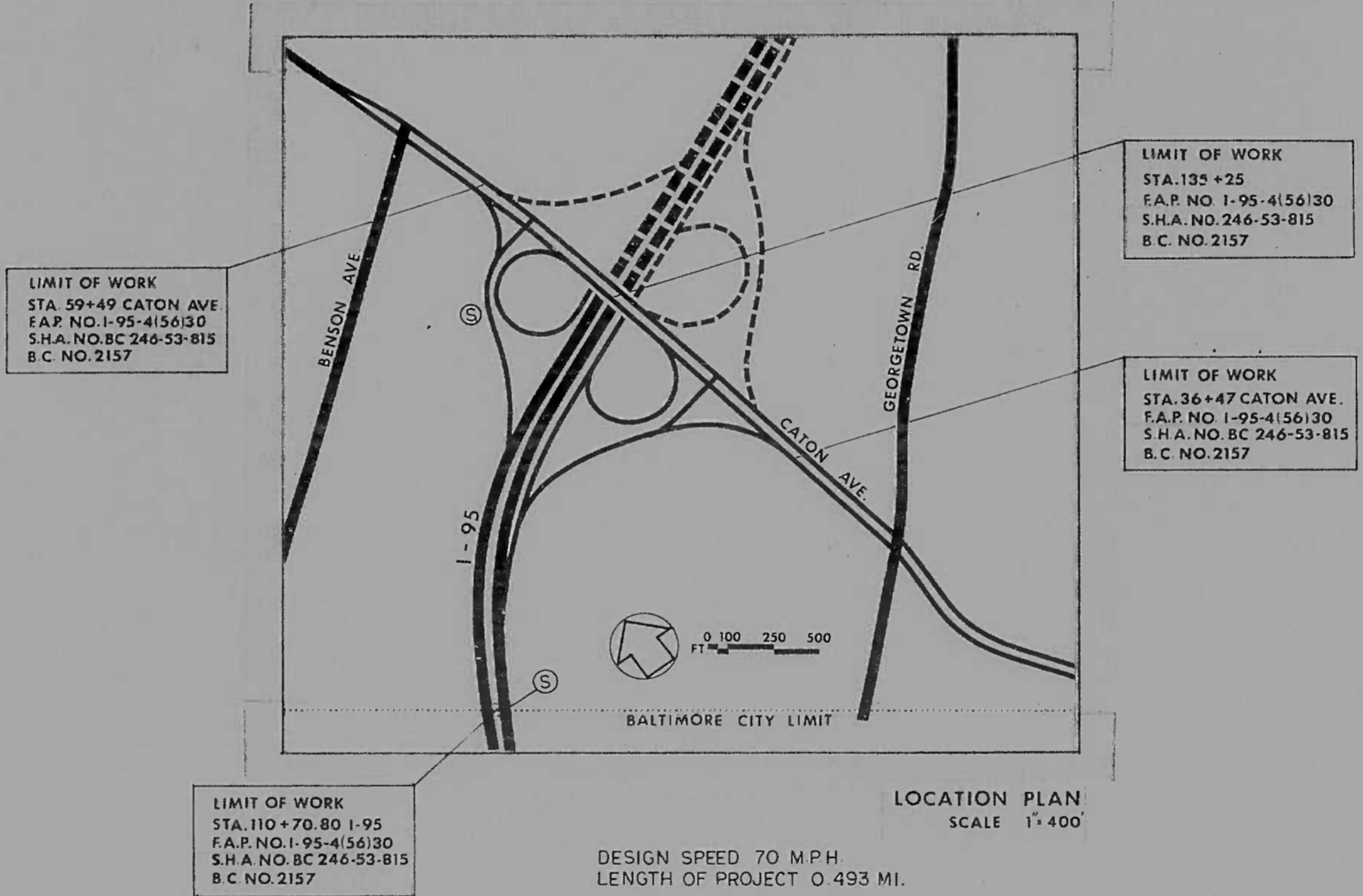
SHEET 1	LAYOUT PLAN LEGEND
2	DISTRIBUTION OF MATERIAL
3	PLAN STA. 110+70.80 TO STA. 121+50
4	PLAN STA. 121+50 TO STA. 135+25 & STA. 59+49 TO STA. 36+47 CATON AVE

LANDSCAPING

FEDERAL AID PROJECT NO. 1-95-4(56)30
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-53-815

1-95
SOUTHWEST CITY LINE TO CATON AVENUE
STA. 110+70.80 I-95 CONTINUING NORTH TO CATON AVE. INTERCHANGE AREA
BALTIMORE CITY BUREAU OF ENGINEERING HIGHWAY CONTRACT NO. 2157

LEGEND	
PLANT SYMBOLS	OTHER SYMBOLS
(+)	--- ELECT. LINE (PROPOSED)
(+)	— SIGNS
(+)	⊕ LIGHT POLE BASE
(+)	— GUARD RAILS
(+)	--- RIGHT OF WAY
(+)	— BASELINE STATION
(+)	← NORTH BOUND TRAFFIC
(+)	→ SOUTH BOUND TRAFFIC
(+)	— SURFACE DRAINAGE
(+)	— RAILROAD TRACKS
(+)	⊕ INLET & INLET WITH GUTTER
(+)	⊕ INFORMATIONAL SIGN



TRAFFIC DATA

DATA	INTERSTATE ROUTE 95		CATON AVE	
	1967	1990	1966	1988
ADT	76,100	108,500	39,450	60,300
DHV	11,950	11,950	8% OF ADT	8% OF ADT
TRUCKS ADT	4%	10%	10%	10%
TRUCKS DHV	5%	5%	5%	5%

CITY OF BALTIMORE
APPROVED
David A. Cearfoss
DAVID A. CEARFOSS
SEDIMENTATION & EROSION CONTROL
REPRESENTATIVE

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING	RJK/BAP	6-26-73
WATER DIVISION	WBY/BAP	6-26-73
WASTE WATER DIVISION	W.E.R.	6-26-73
HIGHWAY ENGINEERING DIVISION	W.E.R.	6/26/73
SURVEY AND RECORDS DIVISION	W.E.R.	6/26/73
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION	G.L.H./BAP	6-26-73
HIGHWAY MAINTENANCE DIV.	G.L.H./BAP	6-26-73
CONDUIT SECTION	G.L.H./BAP	6-26-73
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E.	6-26-73

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
C. Edward Walters
HEAD, BUREAU OF ENGINEERING
APPROVED
A. Paul
DIRECTOR OF PUBLIC WORKS

PREPARED BY
ROGER E. HOLTMAN & ASSOCIATES
LANDSCAPE ARCHITECTS
SITE PLANNERS
304 E LOMBARD ST. BALTIMORE MD
Roger E. Holtman
6-25-73
DATE

DESIGN SPEED 70 MPH.
LENGTH OF PROJECT 0.493 MI.

STATE ROADS COMMISSION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
Irvin C. Hughes
CHIEF, BUREAU OF ENGINEERING
APPROVAL RECOMMENDED
William K. Hellmann
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVAL RECOMMENDED
N. G. Vase
DEPUTY CHIEF ENGINEER - DEVELOPMENT
APPROVED
Hugh J. Down
CHIEF ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER
DATE

INDEX OF SHEETS

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- T-2-T-4 ROADWAY TYPICAL SECTIONS & DETAILS
- T-5 GENERAL NOTES
- T-6 GEOMETRY
- T-7 LINE REFERENCES
- T-8 SUPERELEVATION TABLES
- T-9 SHOULDER TRANSITION DIAGRAMS
- T-10 MISCELLANEOUS ROADWAY & DRAINAGE DETAILS

ROADWAY DRAWINGS

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I-95 STA. 316+20 TO STA. 321+00
RAMP 'J' STA. 10+28 TO STA. 14+93
- P-2 PLAN SHEET
I-95 STA. 321+00 TO STA. 327+00
RAMP 'J' STA. 14+93 TO STA. 21+46.07
JOPLIN ROAD CONNECTION STA. 10+00 TO STA. 13+75
- P-3 PLAN SHEET
I-95 STA. 327+00 TO STA. 329+73.27 S.B.R.
I-95 STA. 327+00 TO STA. 329+87.00 N.B.R.
RAMP 'F' STA. 0+00 TO STA. 5+00
RAMP 'F' STA. 8+93 TO STA. 10+61.22
SPUR 'F' STA. 0+24.28 TO STA. 1+82.20
RAMP 'D' STA. 1+62.27 TO STA.
- P-4 PLAN SHEET
OPTIONAL CONSTRUCTION
- P-5 GRADING PLANS & JOINT LAYOUT (MATCH STA'S SHEET P-1)
- P-6 GRADING PLANS & JOINT LAYOUT (MATCH STA'S SHEET P-2)
- P-7 GRADING PLANS & JOINT LAYOUT (MATCH STA'S SHEET P-3)
- P-8 PROFILE I-95
- P-9 PROFILE RAMP 'J'
- P-10 PROFILE RAMP 'F', SPUR 'F' & JO. LIN ROAD CONNECTION
- P-11 STORM DRAIN SCHEDULES
- P-12 STORM DRAIN PROFILES
- P-13 DOWN SPOUTS & OUTFALLS OF BRIDGE SCUMMERS
- P-14 UTILITY RELOCATIONS (MATCH STA'S SHEET P-1)
- P-15 UTILITY RELOCATIONS (MATCH STA'S SHEET P-2)
- P-16 UTILITY RELOCATIONS (MATCH STA'S SHEET P-3)
- P-17-P-18 UTILITY DETAILS
- P-19 MAINTENANCE OF TRAFFIC

STRUCTURAL DRAWINGS

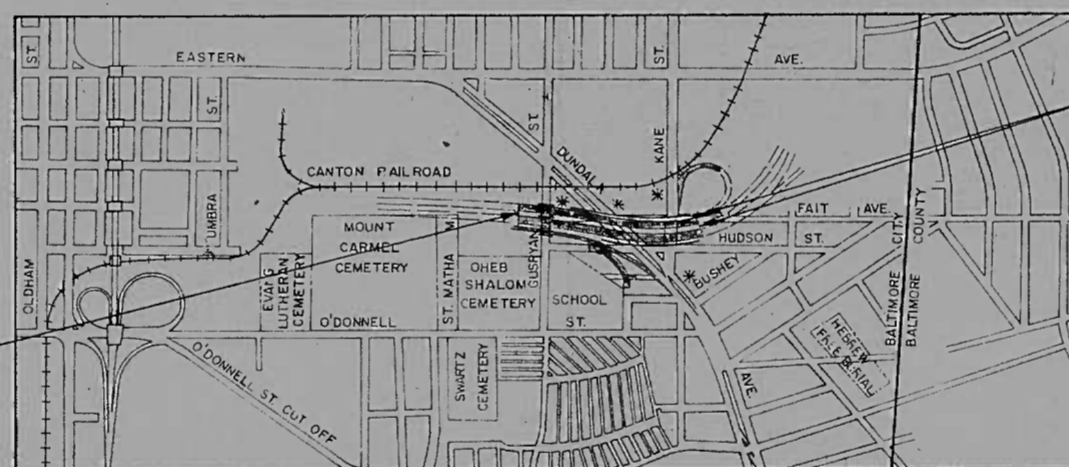
- S-1-S-12 I-95 & RAMP 'J' OVER GUSRYAN STREET
- S-13-S-54 I-95 OVER DUNDALK AVE. & KANE STREET & UNDERPASS LIGHTING
- S-55 SUBSTRUCTURE DETAILS
- S-56 SUPERSTRUCTURE DETAILS
- S-57 RETAINING WALL I-95 N.B.R.
- S-58 RETAINING WALL RAMP 'J'
- S-59-S-60 SIGNING & HIGH MAST LIGHTING FOUNDATIONS
- Q-1-Q-8 SUMMARY OF QUANTITIES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4(38)35
STATE ROADS COMMISSION PROJECT NO. BC 246-35-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1997

INTERSTATE ROUTE 95

FROM THE WEST SIDE OF GUSRYAN STREET
TO THE EAST SIDE OF KANE STREET



LIMIT OF WORK
STA 307+75 I-95
FAP NO. I-95-4(38)35
SRC NO. BC 246-35-815
BALTO. CITY NO. 1997

LIMIT OF WORK
STA 329+73.27 I-95 S.B.R.
STA 329+87 I-95 N.B.R.
STA 8+93 RAMP 'F'
FAP NO. I-95-4(38)35
SRC NO. BC 246-35-815
BALTO. CITY NO. 1997

LOCATION PLAN
SCALE: 1"=1000'

DESIGN SPEED-60 M.P.H.
LENGTH OF PROJECT 0.3068 MI.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD	I-95-4(38)35	T-1	(97)

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION."

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-001	LEVELS
I-95-002	MAINLINE TRAVERSE
I-95-004	UTILITIES
I-95-006	TOPOGRAPHY
I-95-008	CROSS SECTIONS
I-95-013	CROSS SECTIONS
I-95-014	TOPOGRAPHY
I-95-016	SPURS & TOPOGRAPHY
I-95-022	UTILITIES

TRAFFIC DATA		
INTERSTATE 95 FROM GUSRYAN STREET TO KANE STREET		
1967 ADT	72,500	
1990 ADT	182,250	
1990 DHV	14,580	
TRUCK DHV	10%	
RAMP 'F'		
1990 DHV	770	
RAMP 'J'		
1990 DHV	520	
DUNDALK AVENUE		
NORTH I-95		
1990 DHV	600	1,120
SOUTH I-95		
MAX CURVATURE		
MAINLINE	Dc=5°00'00"	-2.62%
MAX GRADE		
RAMPS	Dc=32°34'36"	-7.00%

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAN OR PLATS.

CITY OF BALTIMORE
APPROVED
David A. Cearfoss
DAVID A. CEARFOSS
SEDIMENTATION & EROSION CONTROL
REPRESENTATIVE

CHECKED BY:
BUREAU OF ENGINEERING -
WATER DIVISION
WASTE WATER DIVISION
HIGHWAY ENGINEERING DIVISION
SURVEY AND RECORDS DIVISION
BUREAU OF UTILITY OPERATIONS
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.

INITIALS DATE
R.J.K./BAP 5-1-72
W.R.H./BAP 5-1-72
W.C.R./BAP 5-1-72
W.C.R./BAP 5-1-72
G.L.N./BAP 5-1-72
G.L.N./BAP 5-1-72

DEPARTMENT OF TRANSIT AND TRAFFIC

J.W.F. 5-1-72
INITIALS DATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
HEAD BUREAU OF ENGINEERING

APPROVED
DIRECTOR OF PUBLIC WORKS

PREPARED BY
KNOERLE, BENDER, STONE & ASSOCIATES, INC.
AND
MATZ CHILDS & ASSOCIATES, INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND



John L. Cannon
JOHN L. CANNON
JUN 2 1972
DATE

CANTON RAILROAD COMPANY

REVIEWED AND APPROVED

BY *Dwight W. Davis* 5/1/72
Vice President DATE

STATE ROADS COMMISSION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
David A. Cearfoss 5/4/72
CHIEF, BUREAU OF ENGINEERING

APPROVAL RECOMMENDED
Boyd H. Gilchrist 5/1/72
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVAL RECOMMENDED
Hugh B. Downes 5/4/72
DEPUTY CHIEF ENGINEER - DEVELOPMENT

APPROVED
Walter J. Simpson 5/1/72
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

DIVISION ENGINEER DATE

K&E BALTIMORE 10 1130

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- R-1 TITLE SHEET
- R-2 GENERAL NOTES AND LEGEND
- R-3 SIGN INDEX QUANTITY SUMMARY
- R-4 GEOMETRIC CONTROLS
- R-5 REFERENCE HUBS
- R-6 REFERENCE HUBS
- R-7 SIGNING PLAN I-95
- R-8 SIGNING PLAN RAMP 'A', 'B' & 'G'
- R-9 GUIDE SIGN LEGENDS
- R-10 GUIDE SIGN LEGENDS
- R-11 SPECIAL SIGN AND ARROW DETAILS
- R-12 DELINEATOR PLAN I-95
- R-13 DELINEATOR PLAN RAMP 'A', 'B' & 'G'
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- S-1 SIGN BRIDGE
- S-2 CANTILEVER SIGNS & ROADWAY SIGN
- S-3 STANDARD SIGN SUPPORTS
- S-4 CAISSONS & TIE BACK DETAILS
- S-5 SIGN PANEL ASSEMBLY DETAILS
- S-6 BORING LOGS
- S-7 BORING LOCATION PLAN & BORING LOGS
- S-8 BORING LOGS
- E-1 CONDUIT PLAN
- E-2 CONDUIT PLAN
- E-3 CONDUIT PLAN
- E-4 CONDUIT PLAN
- E-5 CONDUIT PLAN
- E-6 CONDUIT PLAN
- E-7 ELECTRICAL DISTRIBUTION
- E-8 LIGHTING DETAILS
- E-9 LIGHTING DETAILS
- E-10 LIGHTING DETAILS
- E-11 LIGHTING DETAILS
- E-12 LIGHTING DETAILS
- E-13 CAISSON DETAILS
- E-14 LIGHTING DETAILS
- E-15 SERVICE PLATFORM
- E-16 ROADWAY PLANS FOR ELECTRICAL CLARIFICATION
- E-17 ROADWAY PLANS FOR ELECTRICAL CLARIFICATION
- E-18 ROADWAY PLANS FOR ELECTRICAL CLARIFICATION
- E-19 ROADWAY PLANS FOR ELECTRICAL CLARIFICATION
- Q-1 SUMMARY OF QUANTITIES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-95-4 (84)30
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-82-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2410

INTERSTATE ROUTE 95

I-95 HIGHWAY SIGNING AND LIGHTING
1500 FEET EAST OF WASHINGTON BOULEVARD TO RUSSELL STREET

HIGHWAY SIGNING & LIGHTING PLANS



LOCATION PLAN
SCALE 1"=1000'
DESIGN SPEED - 60 M.P.H.
LENGTH OF PROJECT - 0.338 MI.

FHWY REGION	STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I-95-4(84)30	R-1	44

NOTE: EFFECTIVE JULY 1, 1971 IN ACCORDANCE WITH THE PROVISION OF CHAPTER 526 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

FIELD BOOKS	
INTERSTATE 95	
BOOK No.	DESCRIPTION
I-95-43	ALIGNMENT
I-95-44	ALIGNMENT
I-95-45	ALIGNMENT
I-95-46	ALIGNMENT
I-95-47	ALIGNMENT
I-95-48	ALIGNMENT
I-95-49	ALIGNMENT
I-95-50	LEVELS
I-95-51	LEVELS
I-95-52	LEVELS

TRAFFIC DATA	
I-95 HIGHWAY SIGNING AND LIGHTING 1500 FEET EAST OF WASHINGTON BOULEVARD TO RUSSELL STREET	
1970 ADT	76,600
1990 ADT	114,800
1990 DHV	11,480
D.O.	60% - 40%
PEAK HR. FACTOR	1.0
TRUCK DHV	7%
1990 ADT	RAMP A 4,300
1990 ADT	RAMP B 4,300
1990 DHV	RAMP G 430
1990 ADT	500
1990 DHV	50

INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVED: *[Signature]* #721 7-28-77
SEDIMENTATION AND EROSION CONTROL OFFICER

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF OPERATIONS LIGHTING SECTION HIGHWAY MAINTENANCE DIV. CONDUIT SECTION HIGHWAY MAINTENANCE DIV. BUREAU OF UTILITIES-1 DBC	INITIALS RJK 8/4/77 FHC 8/4/77 WLO 8/4/77 JHA 8/4/77 JHA 8/4/77 CAP 8-4-77 JWC 8-3-77	DATE 8/4/77 8/4/77 8-4-77 8-4-77 8-4-77 8-3-77	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>[Signature]</i> HEAD, BUREAU OF ENGINEERING APPROVED <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS	PREPARED BY EWELL, BOMHARDT & ASSOC. SANDERS & THOMAS INC. Consulting Engineers BALTIMORE, MARYLAND APPROVED <i>[Signature]</i> AUGUST, 1977 DATE	STATE HIGHWAY ADMINISTRATION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED <i>[Signature]</i> 8/5/77 CHIEF, BUREAU OF DESIGN APPROVAL RECOMMENDED <i>[Signature]</i> 8/5/77 CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY APPROVED CHIEF ENGINEER	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED DIVISION ADMINISTRATOR DATE
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- ADDENDUM 1 7-17-74

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
FEDERAL AID PROJECT NO. I-95-4(62)32
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-59-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2204

INTERSTATE ROUTE 95

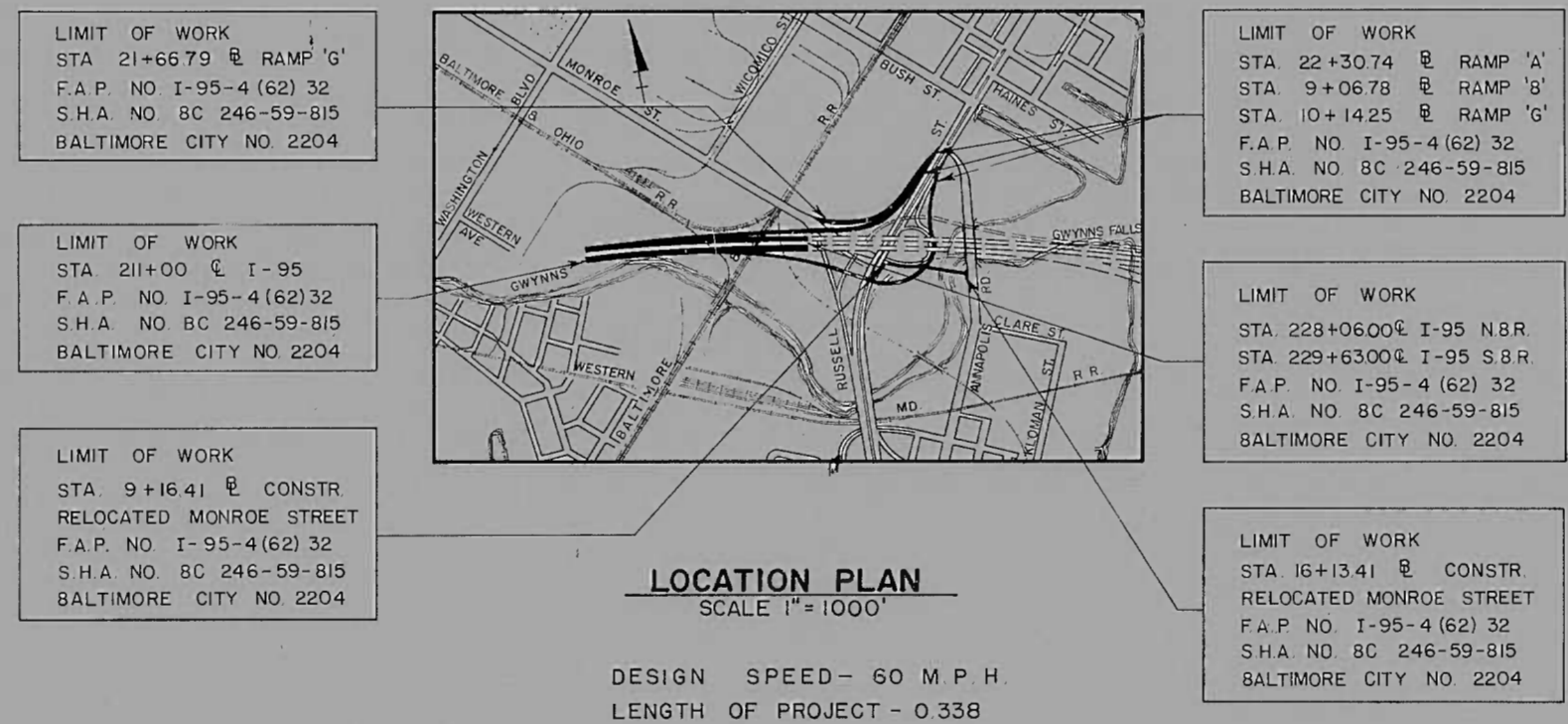
1500 FEET EAST OF WASHINGTON BOULEVARD TO
WEST OF RUSSELL STREET AND RAMP A, B & G

FHYA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I-95-4(62)32	G-1	6-14

NOTE
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM "COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

FIELD BOOKS	
BOOK NO.	DESCRIPTION
I-95-43	ALIGNMENT
I-95-44	ALIGNMENT
I-95-45	ALIGNMENT
I-95-46	ALIGNMENT
I-95-47	ALIGNMENT
I-95-48	ALIGNMENT
I-95-49	ALIGNMENT
I-95-50	LEVEL
I-95-51	LEVEL
I-95-52	LEVEL
I-95-53	TOPO
I-95-54	TOPO
I-95-55	TOPO
I-95-56	TOPO
I-95-57	TOPO
I-95-58	TOPO
I-95-59	CROSS SECTIONS
I-95-60	CROSS SECTIONS
I-95-61	CROSS SECTIONS
I-95-62	CROSS SECTIONS
I-95-63	CROSS SECTIONS
I-95-64	CROSS SECTIONS
I-95-65	CROSS SECTIONS

TRAFFIC DATA		
INTERSTATE 95 1500 FT. EAST OF WASHINGTON BOULEVARD TO WEST OF RUSSELL ST. AND RAMP A, B & G		
1970 ADT		76,600
1990 ADT		114,800
1990 DHV		11,480
D.D.		60% - 40%
PEAK HR FACTOR		1.0
TRUCK DHV		7%
1990 ADT RAMP A 4,300		
1990 ADT RAMP B 430		
1990 ADT RAMP G 500		
1990 DHV RAMP A 50		
MAX. CURVATURE MAX GRADE		
MAINLINE	0° 18' 05.6"	+4.00%
RAMP A	18° 15' 00"	-6.80%



RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION SEE THE APPROPRIATE RIGHT OF WAY PLAN OR PLATS.

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION SEDIMENTATION & EROSION CONTROL HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION CONDUIT SECTION DEPARTMENT OF TRANSIT AND TRAFFIC	INITIALS DATE R.J.K./BAP 5-24-74 W.A.H./BAP 5-24-74 BAC 5/24/74 W.Z.O. 5/24/74 G.L.N./BAP 5-24-74 G.L.N./BAP 5-24-74 J.W.E. 5/24/74	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED HEAD, BUREAU OF ENGINEERING APPROVED DIRECTOR OF PUBLIC WORKS	PREPARED BY EWELL BOMHARDT & ASSOC. SANDERS & THOMAS CONSULTING ENGINEERS BALTIMORE, MD JUNE 14, 1974 DATE	STATE HIGHWAY ADMINISTRATION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED CHIEF, BUREAU OF DESIGN APPROVAL RECOMMENDED CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED DIVISION ENGINEER DATE
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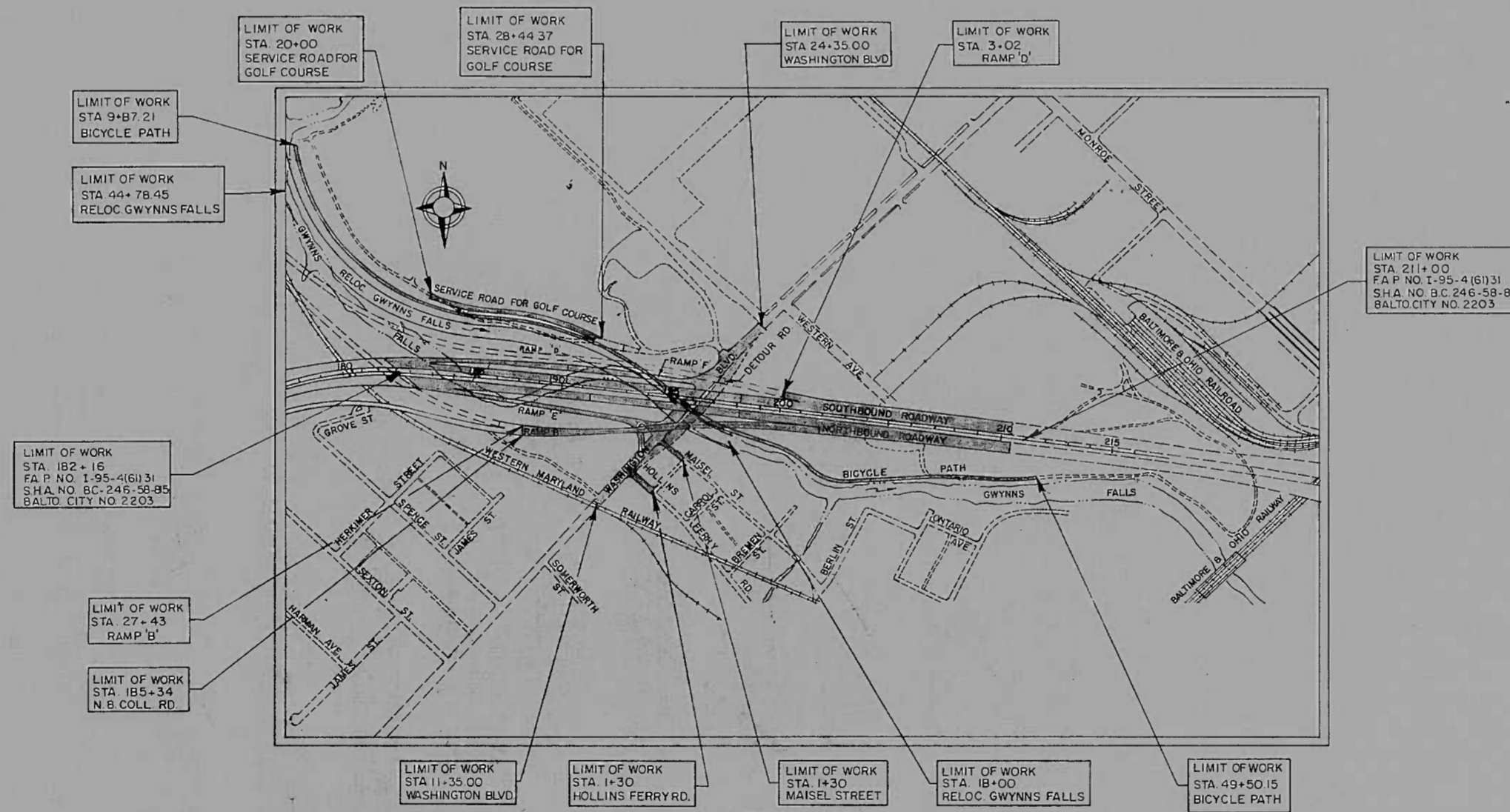
ABBREVIATIONS

BIT	BITUMINOUS	P.V.C.	POINT OF VERTICAL CURVATURE
BLDG	BUILDING	P.V.T.	POINT OF VERTICAL TANGENCY
CL.	CLASS	R.C.P.	REINFORCED CONCRETE PIPE
COMB	COMBINATION	S/E	SUPERELEVATION
DWY	DRIVEWAY	SAN	SANITARY
EST	ESTABLISHED	S.D.	STORM DRAIN
EX/EXISTING		STD.	STANDARD
MAC	MACADAM	V.V.	VALVE VAULT
MAT	MATERIAL	P/G.E.	PROFILE GRADE ELEVATION
PC	POINT OF CURVATURE	P/C	POINT OF CROWN
PI	POINT OF INTERSECTION	H.S.D.	HEADLIGHT SIGHT DISTANCE
P.G.L.	PROFILE GRADE LINE	S.S.D.	STOPPING SIGHT DISTANCE
P/G.L.	PROFILE GROUND LINE	P.V.R.C.	POINT OF VERTICAL REVERSE CURVATURE
P.C.C.	POINT OF COMPOUND CURVE		
PT	POINT OF TANGENCY	P/R.	POINT OF ROTATION
BC.C.M.P.	BITUMINOUS COATED CORRUGATED METAL PIPE	G.R.	GUARD RAIL
		M.H.	MANHOLE
BLK	BLOCK	N.B.R.	NORTHBOUND ROADWAY
B.M.	BENCH MARK	RET.W.	RETAINING WALL
BR.	BRICK	S.B.M.	SEED & MULCH
C.I.P.	CAST IRON PIPE	S.D.	SIDE DITCH
CONC.	CONCRETE	S.B.R.	SOUTHBOUND ROADWAY
DWG.	DWELLING	STA.	STATION
ELEV.	ELEVATION	STY.	STORY
F.H.	FIRE HYDRANT	SURF.	SURFACE
FR.	FRAME	UD.	UNDERDRAIN
GAR.	GARAGE	VP.	VITRIFIED PIPE
G.	GAS LINE	W.	WATER LINE
G.M.	GAS MAIN	W.M.	WATER METER
GV.	GAS VALVE	T.C.	TOP OF COVER
INV.	INVERT	T.G.	TOP OF GRATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
FEDERAL AID PROJECT NO. I-95-4(6)31
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 246-58-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2203
INTERSTATE ROUTE 95
WESTERN MARYLAND RAILROAD TO
1500' EAST OF WASHINGTON BOULEVARD

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

FOR INDEX OF SHEETS - SEE SHEET NO. T-2



LOCATION PLAN
 SCALE 1" = 400'
 DESIGN SPEED - 60 M.P.H.
 LENGTH OF PROJECT - 0.546 MILE

FIELD BOOKS	
BOOK NO.	DESCRIPTION
INTERSTATE 95	
I-95-036	ALIGNMENT, CONTROLS & CROSS SECTIONS
I-95-037	CROSS SECTIONS
I-95-038	SURVEY BASELINE CONTROLS & CROSS SECTIONS
I-95-039	SURVEY BASELINE CONTROLS & CROSS SECTIONS
I-95-040	SURVEY BASELINE ALIGNMENT & TOPOGRAPHY
I-95-041	SURVEY BASELINE CONTROLS, UTILITY LOCATIONS & CROSS SECTIONS
I-95-042	CROSS SECTIONS

TRAFFIC DATA			
DATA	INTERSTATE 95		
	1966	1990	
ADT	81,400	120,400	
DHV	6,512	9,632	
%TRUCKS ADT	10%	10%	
%TRUCKS DHV	5%	5%	
DIRECT DISTRIB.		60%	

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

CITY OF BALTIMORE
APPROVED
David A. Conner 5/24/74
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

CHECKED BY:
BUREAU OF ENGINEERING
WATER DIVISION
WASTE WATER DIVISION
HIGHWAY ENGINEERING DIVISION
SURVEY AND RECORDS DIVISION
BUREAU OF UTILITY OPERATIONS
LIGHTING SECTION
CONDUIT SECTION
HIGHWAY MAINTENANCE DIV.
HIGHWAY MAINTENANCE DIV.

INITIALS DATE
R.N.K./B.A.P. 5-24-74
W.A.H./J.A.P. 5-24-74
W.L.O. 5/24/74
H. 5/24/74
G.H.N./B.A.P. 5-24-74
G.H.N./B.A.P. 5-24-74

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
Robert E. DeW...
HEAD, BUREAU OF ENGINEERING
APPROVED
John E. ...
DIRECTOR OF PUBLIC WORKS

PREPARED BY
BAKER-WIBBERLEY & ASSOC., INC.
CONSULTING ENGINEERS
HAGERSTOWN, MD. BALTIMORE, MD.
APPROVED
Robert D. Underberg
5-24-74
DATE

STATE ROADS COMMISSION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
William K. Hellmann 5-24-74
CHIEF, BUREAU OF DESIGN
APPROVAL RECOMMENDED
Paul ... 5/24/74
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVED
Hugh ... 5/24/74
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER
DATE

DEPARTMENT OF TRANSIT AND TRAFFIC

INITIALS DATE
J.W.E. 5/24/74
DATE