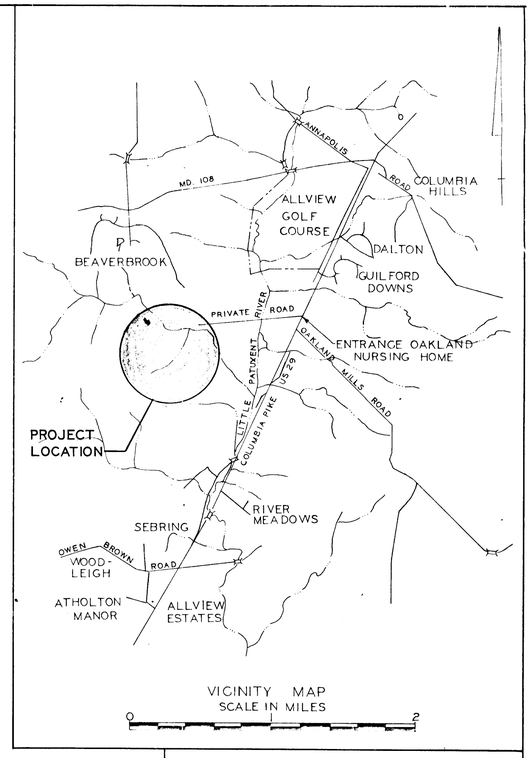
COLUMBIA

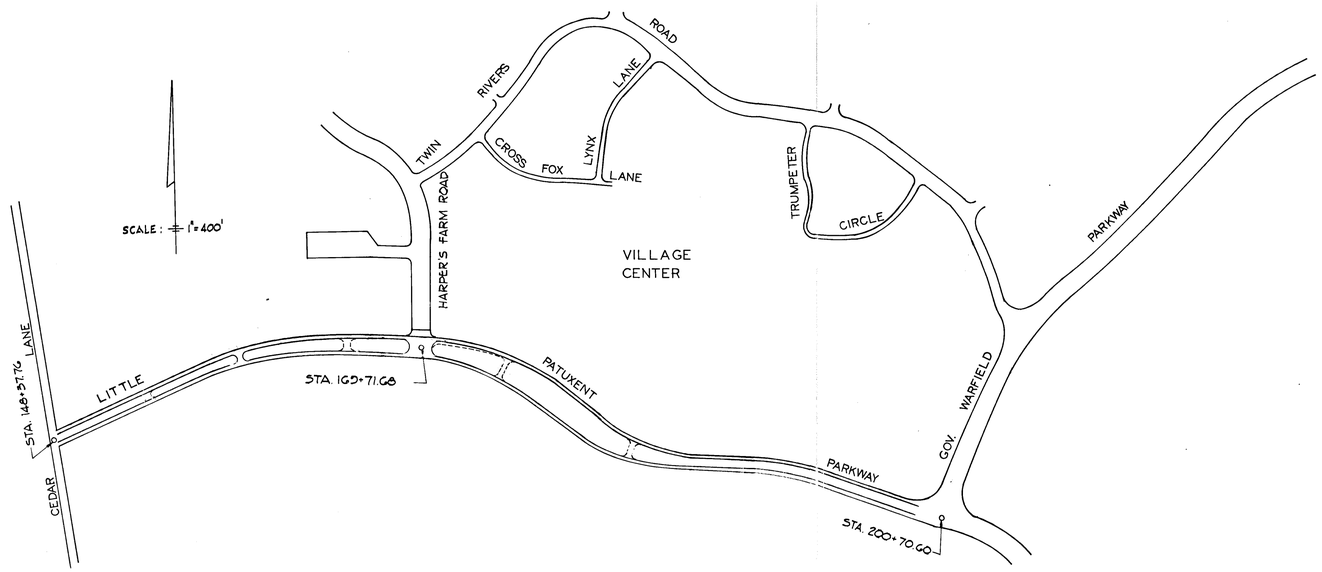
ELECTION DISTRICT 5

LITTLE PATUXENT PARKWAY

HOWARD RESEARCH & DEVELOPMENT CORP.

HOWARD COUNTY, MARYLAND





INDEX

DESCRIPTION	STREET NAME	DRAWING NO.
Title Sheet	Little Patuxent Pkwy	1
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Jan 2, 1968
DATE

Reg. Nº 3407

Approved: Howard County Planning Commission
Senior Engineer — 5-20-68 Date

Approved: Howard County Roads Department
Road Superintendent — April 18, 1968 Date

Approved: Howard County Metropolitan Commission
Chief Engineer — 4-23-68 Date

PURDUM & JESCHKE
CONSULTING ENGINEERS
& LAND SURVEYORS
1023 N. CALVERT STREET
BALTIMORE, MARYLAND 21202

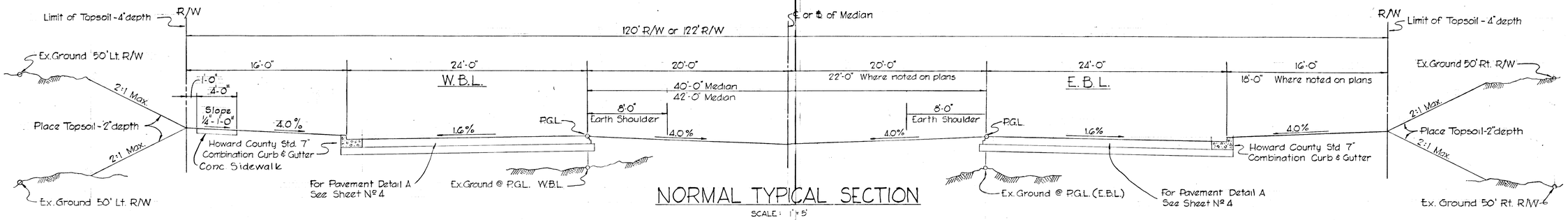
CONVENTIONAL SIGNS & SYMBOLS

362.51	Finished Grade Elevation
	Drainage Flow - Typical Section, Gutter, and Grading
0.0% Sta+83.31	Superelevation Transition Locations & Pavement Slope in %
	Top of Slope
	Toe of Fill
350	Existing Topography Lines
	Right of Way

#103

F-68-1 4-3-68

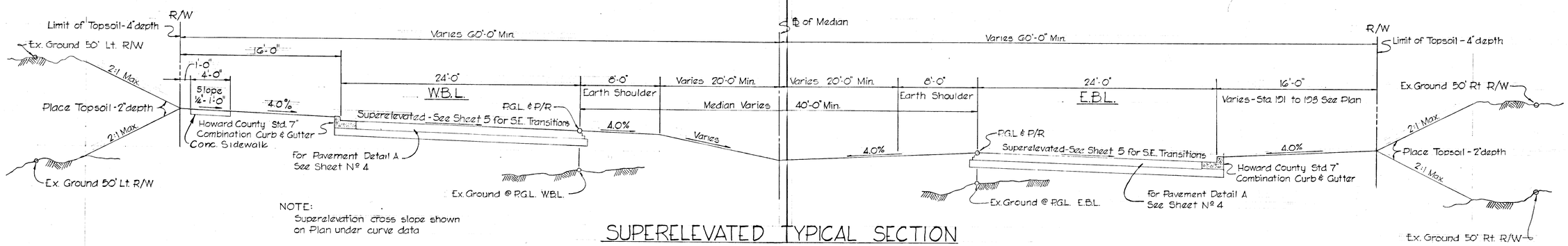
APPROVED
PLANNING COMMISSION
OF HOWARD COUNTY
DATE MAY 20 1968



NORMAL TYPICAL SECTION

SCALE: 1" = 5'

STA 148 to STA 154
STA 189
STA 196 to STA 200



NOTE:
Superelevation cross slope shown on Plan under curve data

SUPERELEVATED TYPICAL SECTION

SCALE: 1" = 5'

STA 157 to STA 166
STA 184
STA 191 to STA 198

FOR GENERAL NOTES SEE SHEET Nº 4

STATE OF MARYLAND
PROFESSIONAL ENGINEER
No. 3210
REGISTERED

PURDUM & JESCHKE
CONSULTING ENGINEERS
1023 N. CALVERT St.
BALTIMORE 21202 Md.

ABBREVIATIONS
P.G.L. = Profile Grade Line
P/R = Point of Rotation
E.B.L. = East Bound Lane
W.B.L. = West Bound Lane
R/W = Right of Way
℄ = Center Line
⊕ = Base Line
S.E. = Superelevation

COLUMBIA
THE ROUSE COMPANY

TYPICAL SECTIONS
LITTLE PATUXENT PKWY.

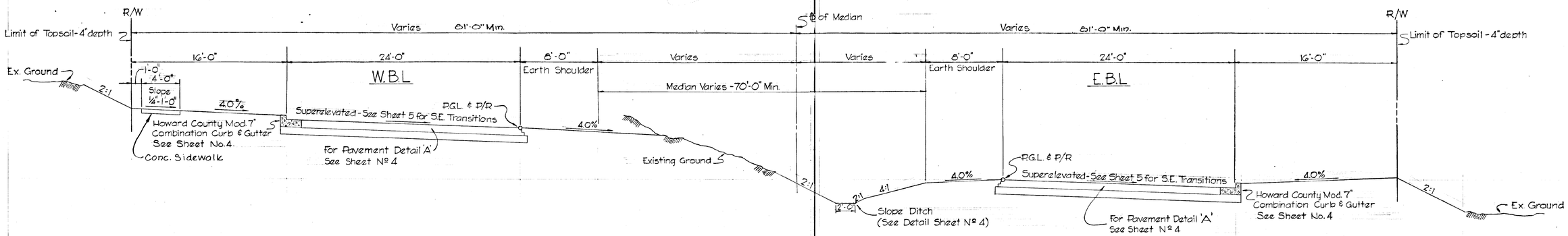
DES: E.L.B.	SCALE: 1" = 5'	SHT NO: 2 of 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO:
CHK: B.M.J.		

#103

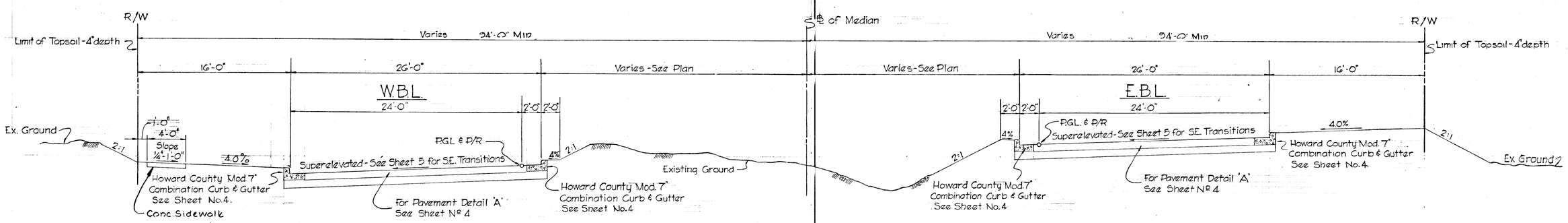
F-68-1

4-3-68

APPROVED
PLANNING COMMISSION
OF HOWARD COUNTY
DATE MAY 20 1968



SUPERELEVATED TYPICAL SECTION
SCALE 1"=5'
STA 170 to STA 174



SUPERELEVATED TYPICAL SECTION
SCALE: 1"=5'
STA 174+ to STA 183+ STA 180 to STA 182 STA 175+ to STA 179+

STATE OF MARYLAND
BENJAMIN M. JOHNSON
No. 5707
REGISTERED PROFESSIONAL ENGINEER

PURDUM & JESCHKE
CONSULTING ENGINEERS
1023 N. CALVERT St.
BALTIMORE 21202 Md

COLUMBIA
THE ROUSE COMPANY

TYPICAL SECTIONS
LITTLE PATUXENT PKWY.

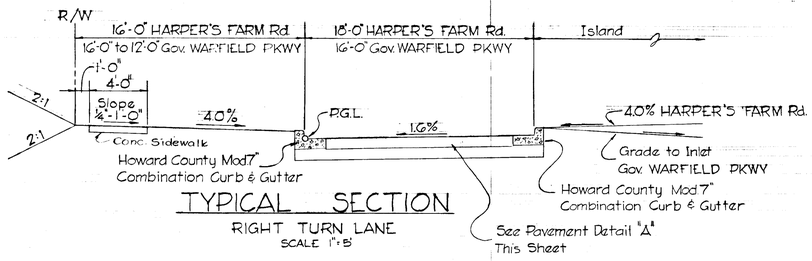
DES: E.L.B.	SCALE: 1"=5'	SHT NO: 3 of 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO:
CHK: B.M.J.		

#103

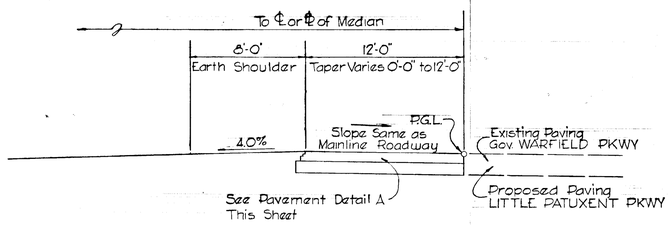
F-68-1

4-3-68

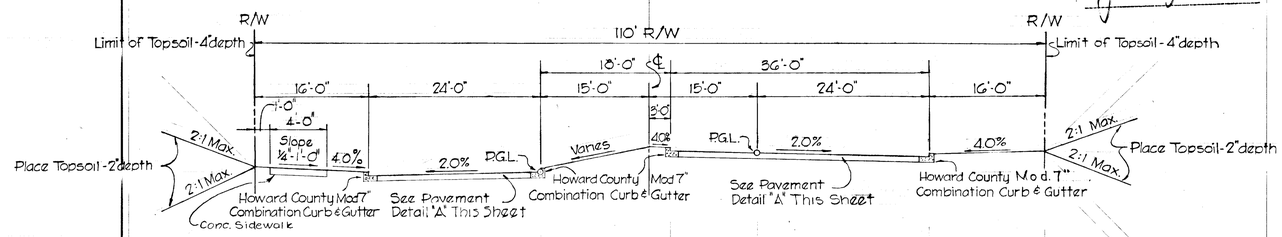
APPROVED
PLANNING COMMISSION
DATE MAY 20 1968



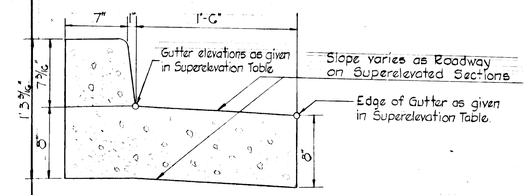
TYPICAL SECTION
RIGHT TURN LANE
SCALE 1" = 5'



PARTIAL SECTION
LEFT TURN LANE
SCALE 1" = 5'



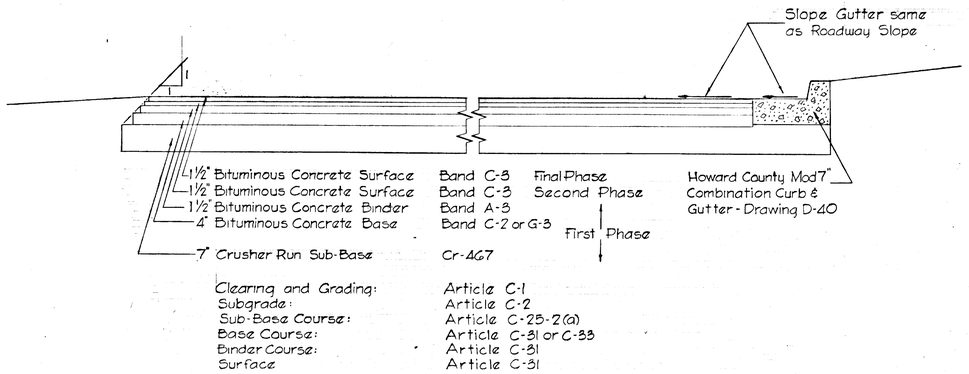
TYPICAL SECTION
HARPER'S FARM ROAD



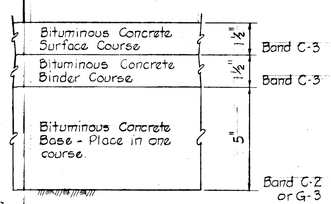
DETAIL - MODIFIED COMBINATION CURB & GUTTER
SCALE: 1½" = 1'0"

GENERAL NOTES

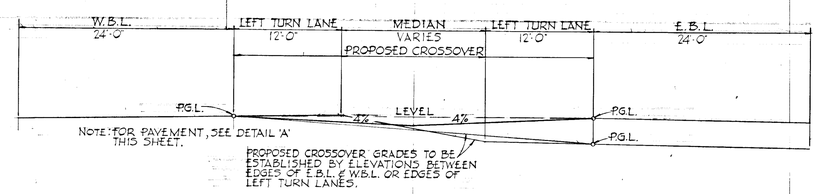
1. Coordinates: Coordinates shown are based on the Maryland State Grid System
2. Datum: U.S.G.S.
3. Standards: Reference made to Standard Drawing Numbers are Howard County Road Construction Code and Standard Specifications
4. Topsoil: Place 4" Topsoil on all slopes less than 4:1; Place 2" Topsoil on all slopes 4:1 or greater
5. Seeding: Not part of this Contract
6. Crossovers: Use Paving Detail A for all crossovers
7. Top of Structure Elevations:
   - "K" Inlet top elevations given at top of wall
   - "S" Combination Inlet top elevations given at top of curb
   - "C" Endwall top elevations given at top of wall
   - Manhole top elevations given at top of casting



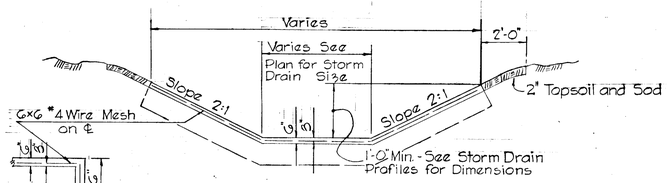
PAVEMENT DETAIL A
MAIN ARTERIAL STREET
SCALE: ½" = 1'



PAVEMENT DETAIL B
CEDAR LANE
NO SCALE

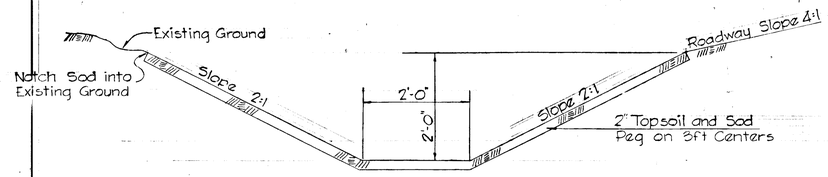


TYPICAL CROSS - OVER DETAIL
NO SCALE
STA. 159+85; STA. 169+71.68; (STA. 154+00; STA. 165+50; STA. 174+50; STA. 182+75 FUTURE)



TOE WALL DETAIL
NO SCALE

CONCRETE CHANNEL
NO SCALE



SOD CHANNEL
NO SCALE
LEFT of EAST BOUND LANE
STA 170+ to 174+
STA 181+ to 182+

STATE OF MARYLAND

PURDUM & JESCHKE
CONSULTING ENGINEERS
1023 N CALVERT St.
BALTIMORE 21202 Md.

COLUMBIA
THE ROUSE COMPANY

STANDARD DETAILS
LITTLE PATUXENT PKWY

DES: E.L.B.	SCALE: as shown	SHT. NO: 4 of 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO:
CHK: B.M.J.		

#103

F. 68-1 4-3-68

TRANSITION SCHEDULES

APPROVED
PLANNING COMMISSION
OF HOWARD COUNTY, MARYLAND
DATE MAY 20 1968

WEST BOUND LANE

24' TRAFFIC LANE					12' DECELERATION LANE			
Left Gutter	Left Corr.	Rate	P.G.L. Elev.	Station	Slope	Distance Rt. P.G.L.	Right Corr.	Decel. La. Edg. Elev.
	-.80	.0048		154+79.88				
479.29	-.28		479.57	155+00				
479.51	-.16		479.67	+25				
479.65	-.04		479.69	+50				
	0.00			+50.88				
479.71	+.07		479.64	+75				
479.71	+.19		479.52	156+00				
479.64	+.31		479.33	+25				
479.38	+.51		479.07	+42.88				
479.49	+.48		479.06	+50				
479.28	+.55		478.73	+75				
478.99	+.67		478.32	157+00				
478.68	+.79		477.04	+25				
	+.84	.0048		+34.88				
	+.84	.0048		167+62.05				
472.52	+.78		471.74	+75				
472.22	+.69		471.53	+93.72				
472.12	+.66		471.46	168+00				
471.70	+.54		471.16	+25				
471.28	+.42		470.81	+50				
	+.30	.0048		+57.05				
	+.38	.0048		169+15.09	1.6%	3.4	-.05	
469.99	+.43		469.56	+25	1.8%	8.0	-.14	469.42
469.68	+.55		469.08	+50	2.3%	12.0	-.28	468.80
469.22	+.67		468.55	+75	2.8%	12.0	-.34	468.21
469.25	+.77		468.48	+78.42	3.2%	12.0	-.38	468.10
468.78	+.79		467.99	170+00	3.3%	12.0	-.40	467.59
	+.84	.0048		+10.09	3.5%	12.0	-.42	
	+.84	.0048		173+08.09	3.5%	9.5	-.33	
458.86	+.92		457.44	+25	3.6%	8.0	-.30	457.14
457.41	+1.04		456.37	+50	4.3%	6.9	-.30	456.07
457.10	+1.08		456.02	+58.09	4.5%	6.3	-.28	455.74
456.48	+1.16		455.27	+75	4.8%	5.6	-.27	455.00
455.42	+1.28		454.14	174+00	5.3%	5.3	-.28	453.86
	+1.32	.0048		+08.09	5.5%	5.0	-.28	
	+1.32	.0048		177+24.69				
440.00	+1.32		438.68	+25				
438.69	+1.20		437.49	+50				
437.38	+1.08		436.30	+75				
436.07	+.96		435.11	178+00				
434.76	+.84		433.92	+25				
433.45	+.72		432.73	+50				
432.14	+.60		431.54	+75				
430.83	+.48		430.35	179+00				
430.43	+.44		429.99	+07.75				
429.52	+.36		429.16	+25				
428.21	+.24		427.77	+50				
426.90	+.12		426.78	+75				
	0.00			+99.69				
425.59	0.00		425.59	180+00				
424.92	-.12		424.44	+25				
423.13	-.24		423.37	+50				
422.02	-.36		422.30	+75				
421.05	-.47		421.52	+98.30				
420.99	-.48		421.47	181+00				
420.08	-.60		420.68	+25				
419.16	-.72		419.88	+50				
418.26	-.84		419.20	+75				
417.65	-.96		418.61	182+00				
417.01	-1.08		418.09	+25				
416.45	-1.20		417.65	+50				
415.97	-1.32		417.29	+75				
	-1.44	.0048		+99.60				

24' TRAFFIC LANE											
Left Edg. Elev.	Left Corr.	Rate	P.G.L. Elev.	Station	Lt. Edge Of Gutter	Rt. Edge Of Gutter	Station	Lt. Edge of Gutter	Rt. Edge of Gutter
	-1.44	.0048		185+99.16			184+79.88		
411.60	-1.44		413.04	186+00	411.69		155+00	479.31	
411.08	-1.32		412.40	+25	411.16		+25	479.52	
410.51	-1.20		411.71	+50	410.58		+50	479.65	
409.97	-1.08		410.95	+75	409.94		+50.88		
409.17	-.96		410.13	187+00	409.23		+75	479.71	
408.41	-.84		409.25	+25	408.47		156+00	479.70	
408.04	-.80		408.84	+38.49	408.09		+25	479.62	
407.59	-.72		408.31	+50	407.64		+49.88	479.36	
406.74	-.60		407.34	+75	406.78		+50	479.46	
405.89	-.48		406.37	188+00	405.92		+75	479.25	
405.04	-.36		405.40	+25	405.07		157+00	478.95	
404.19	-.24		404.43	+50	404.21		+25	478.58	
403.34	-.12		403.46	+75	403.35		+34.88		
	0.00			+99.16					
	0.00		402.49	189+00	401.70		167+62.05		
				W.B.L. 189+28.29 Bk. ℄ Med. 189+00 Ahd.			+75	472.47	
401.71	+.12		401.59				+93.72	472.18	
400.86	+.24		400.62	+25	400.84		168+00	472.08	
400.01	+.36		399.65	+50	399.98		+25	471.67	
399.16	+.48		398.68	+75	399.13		+50	471.20	
398.31	+.60		397.71	190+00	398.27		+57.05		
397.51	+.67		397.14	+14.62	397.77				
397.50	+.72		396.78	+25	397.45		169+15.09		
395.43	+.84		395.94	+50	396.73		+25	469.96	
394.14	+.96		395.18	+75	396.08		+50	469.60	
395.58	+1.08		394.50	191+00	395.51		+75	469.18	
	+1.08	.0048		+00.87			+78.42	469.20	
				193+47.00			170+00	468.73	
	+1.08	.0048		+50			+10.09		
393.42	+1.07		392.35	+75	393.35		173+08.09		
393.55	+.95		392.60	194+00	393.49		+25	458.30	
393.76	+.83		392.93	+25	393.70		+50	457.34	
394.05	+.71		393.34	+50	394.00		+58.09	457.03	
394.41	+.60		393.81	+80.67	394.36		+75	456.36	
394.43	+.50		393.84	+50	394.39		174+00	455.34	
394.89	+.47		394.42	+75	396.02		+08.09		
395.43	+.35		395.05	195+00	396.75		177+24.69		
	+.23		395.83	+25	396.04		+25		
397.50	+.11		396.67	+50	396.77		+50	438.62	437.47
398.16	0.00			+72.00			+75	437.31	436.28
398.76	-.01		397.51	+75	397.50		178+00	436.01	435.09
399.30	-.13		398.29	196+00	398.17		+25	434.70	433.90
	-.25		399.01	+25	398.78		+50	433.40	432.71
	-.37		399.67	+50	399.33		+75	432.10	431.53
	-.38	.0048		+52.00			179+00	430.82	430.34
	-.38	.0048					+07.75	430.40	429.98
402.00	-.33		402.33	199+61.88	402.03		+25	429.50	429.15
401.95	-.27		402.22	+75	401.97		+50	428.19	427.96
401.79	-.15		401.94	200+00	401.81		+75	426.89	
401.68	-.06		401.69	+18.60	401.64		+99.69		
401.57	-.03		401.60	+25	401.57		180+00		
401.54	0.00		401.54	+80.60	401.54		+25	424.33	
401.28	+.09		401.19	+50	401.27		+50	423.14	
400.98	+.21		400.72	+75	400.91		+75	422.04	422.39
400.51	+.33		400.18	201+00	400.48		+98.30	421.03	421.53
400.01	+.45		399.56	+25	399.98		181+00	421.02	421.48
399.46	+.57		399.89	+50	399.42		+25	420.07	420.64
398.88	+.69		398.14	+75	398.79		+50	419.19	419.90
398.14	+.81		397.33	202+00	398.09		+75	418.41	419.22
397.33	+.93		396.45	+25	397.33		182+00	417.71	418.63
396.55	+1.05		395.50	+50	396.49		+25	417.08	418.11
395.66	+1.17		394.49	+75	395.60		+50	416.52	417.67
394.70	+1.29		393.41	203+00	394.63		+75	416.05	417.32
393.67	+1.41		392.26	+25	393.59		+99.69		
	+1.44	.0048							

PURDUM & JESCHKE
CONSULTING ENGINEERS
1023 N. CALVERT St.
BALTIMORE 21202 Md.
Beverly M. Johnson 3/67

STATE OF MARYLAND — BEVERLY M. JOHNSON — REGISTERED PROFESSIONAL ENGINEER

EAST BOUND LANE

12' DECELERATION LANE				24' TRAFFIC LANE				
Decel. La. Edg. Elev.	Left Corr.	Distance Left P.G.L.	Slope	Station	P.G.L. Elev.	Rate	Right Corr.	Right Edge
				155+41.94		.0048	-.38	
				+50	479.69		-.42	479.27
				+51.94	479.68		-.43	479.25
				+75	479.64		-.54	479.10
				156+00	479.52		-.66	478.86
				+25	479.32		-.78	478.54
				+36.94		.0048		
	+.15	4.2	3.5%	166+10.78		.0048	-.84	
472.31	+.16	5.2	3.2%	+25	472.15		-.77	471.38
472.28	+.19	7.0	2.7%	+50	472.09		-.65	471.44
472.18	+.20	9.0	2.2%	+75	471.98		-.53	471.45
472.04	+.20	11.0	1.8%	+95.78	471.84		-.43	471.41
472.00	+.19	11.3	1.7%	167+00	471.81		-.41	471.40
	+.19	11.7	1.6%	+05.78		.0048	-.38	
	+.19	12.0	1.6%	168+82.27		.0048	-.30	
468.65	+.24	12.0	2.0%	169+00	468.41		-.47	467.94
468.08	+.30	12.0	2.5%	+25	467.73		-.59	467.14
467.35	+.36	12.0	3.0%	+50	466.99		-.71	466.28
467.08	+.37	12.0	3.1%	+58.94	466.71		-.75	465.96
466.62	+.42	12.0	3.5%	+75	466.20		-.83	465.37
465.84	+.48	12.0	4.0%	170+00	465.36		-.95	464.41
464.58	+.18	2.8	4.5%	+25	464.45		-1.07	463.38
				+50	463.49		-1.19	462.30
				+75	462.48		-1.31	461.17
				+77.27		.0048	-1.32	
				174+62.80		.0048	-1.32	
				+75	444.91		-1.26	443.65
				175+00	443.81		-1.14	442.67
				+25	442.71		-1.02	441.69
				+50	441.61		-.90	440.71
				+75	440.51		-.78	439.73
				+81.13	440.24		-.75	439.49
				176+00	439.41		-.66	438.75
				+25	438.31		-.54	437.77
				+50	437.21		-.42	436.79
				+57.80	436.06		-.33	436.48
				+75	436.11		-.30	435.81
				177+00	435.01		-.00	434.83
				+25	433.91		-.06	433.85
				+37.80			+.18	
				+50	432.81		+.30	432.87
				+75	431.71		+.42	431.89
				178+00	430.61		+.54	430.91
				+25	429.51		+.54	429.93
				+49.31	428.43		+.66	428.97
				+50	428.41		+.78	428.99
				+75	427.31		+.90	428.01
				179+00	426.21		+1.02	425.03
				+25	425.11		+1.14	424.05
				+50	424.01		+1.25	423.06
				+75	422.91		+1.32	
				180+00	421.81	.0048		
				+12.80				

24' TRAFFIC LANE											
Station	Lt. Edge of Gutter	Rt. Edge of Gutter	Lt. Edge of Gutter	Rt. Edge of Gutter	Station	P.G.L. Elev.	Rate	Right Corr.	Right Gutter*
155+41.94		473.30		413.28	184+65.47		.0048	+1.32	
+50		473.28		412.92	+75	412.09		+1.27	413.36
+51.94		473.14		412.54	185+00	411.85		+1.15	413.00
+75		478.50		412.08	+25	411.50		+1.03	412.61
156+00		478.59		411.58	+50	411.24		+.91	412.15
+25				411.39	+75	410.85		+.79	411.64
+36.94				411.02	+83.80	410.70		+.75	411.45
166+10.78				410.39	186+00	410.40		+.67	411.07
+25		471.43		409.31	+25	409.89		+.55	410.44
+50		471.48		408.56	+50	409.31		+.43	409.74
+75		471.49		408.15	+75	408.68		+.31	408.99
+95.78		471.44		407.28	187+00	407.98		+.19	408.17
167+00		471.43		406.36	+25	407.22		+.07	407.29
+05.78				405.38	+40.47			0+00	
168+00		467.97		404.33	+50	406.40		-.05	406.35
+25		467.18			+75	405.58		-.17	405.36
+50		466.33			188+00	404.59		-.29	404.30
+58.94		465.41			+20.47		.0048	-.38	
+75		465.43		398.22	189+52.19		.0048	-.38	
170+00		464.47		397.21	+75	398.68		-.48	398.20
+25		463.45		397.14	+96.82	397.77		-.59	397.18
+50		462.37		396.10	190+00	397.71		-.60	397.11
+75		461.25		395.15	+25	396.70		-.72	396.06
174+62.80				394.28	+50	395.94		-.84	395.10
+75		443.73		393.45	+75	395.18		-.96	394.22
175+00		442.74			191+00	394.50		-1.08	393.42
+25		441.76		391.68	191+00.19		.0048	-1.08	
+50		440.77		392.13	192+54.28		.0048	-1.08	
+75		439.79		393.65	+75	392.60		-.98	391.62
+81.13		439.54		393.26	194+00	392.98		-.86	392.07
176+00		438.80		393.82	+25	394.34		-.74	393.60
+25		437.81		393.95	+50	395.84		-.62	393.22
+50		436.83			+55.95	397.37		-.59	393.78
+57.80		436.51			+75	398.42		-.50	393.92
+75		435.84			194+99.28		.0048	-.38	
177+00		434.85		399.13	201+02.16		.0048	-.38	
+25		433.86		398.35	+25	399.86		-.46	399.10
+37.80				397.48	+50	398.89		-.58	398.81
+50		432.88		396.36	+75	398.14		-.70	397.44
+75		431.87		395.56	202+00	397.13		-.82	396.81
178+00		430.88		394.50	+25	396.45		-.94	395.51
+25		429.90		393.38	+50	395.50		-1.06	394.44
+49.31		428.93		392.19	+75	394.49		-1.18	393.31
+50		428.91		390.93	203+00	393.41		-1.30	392.11
+75		427.93			203+25	392.26		-1.42	390.84
179+00		426.94					.0048	-1.44	
+25		425.95							
+50		424.96							
+75		422.60							
180+00		421.70							

COLUMBIA
THE ROUSE COMPANY

LITTLE PATUXENT PKWY

DES: J.C.T.	SCALE: NONE	DWG NO: 3 of 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO:
CHK: F.T.		

#103

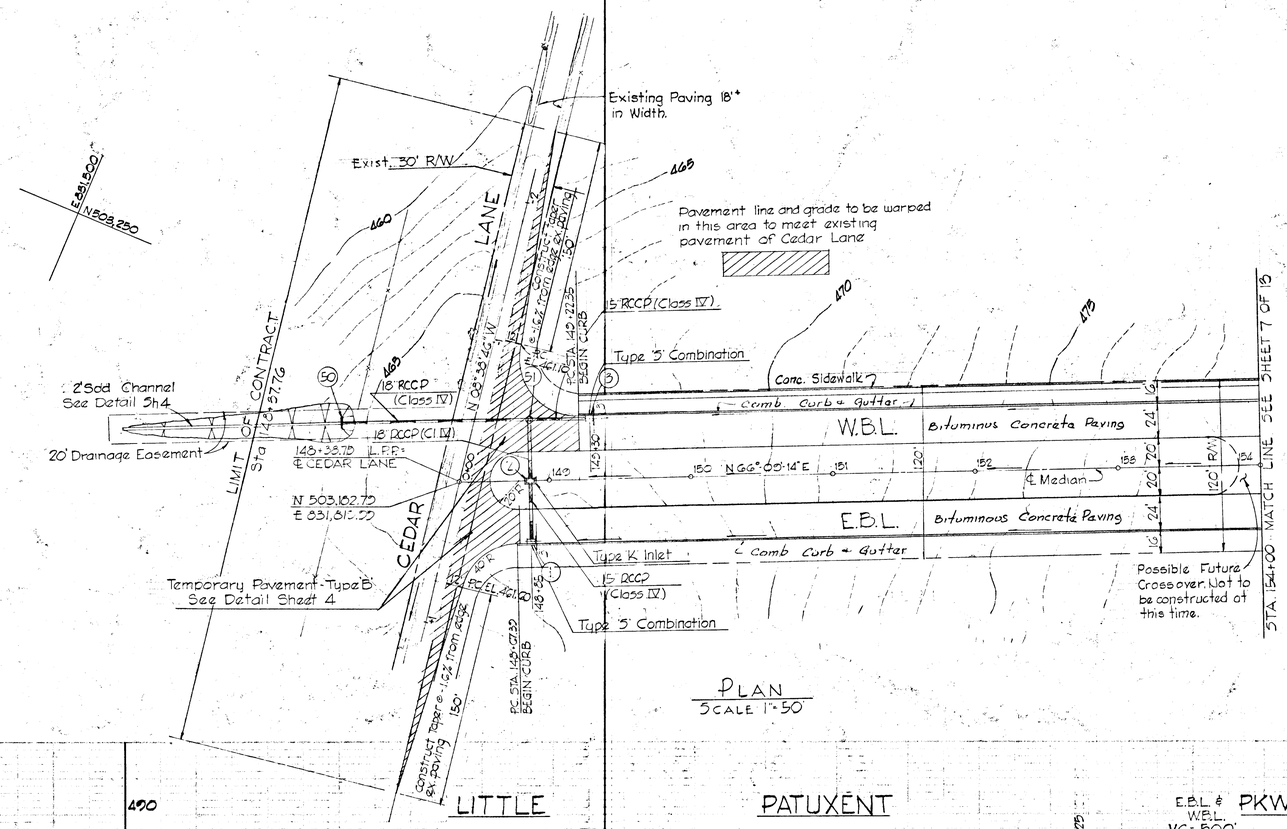
F-68-1

4-3-68

APPROVED
PLANNING COMMISSION
OF HOW
DATE MAY 20 1968
J H C Jr

STRUCTURE SCHEDULE

NO.	TYPE	TOP EL.	REMARKS
1	'S' COMB.	466.02	Std. Drwg. D-99 for 15"D See Struct. Notes Sht. 3
2	"K"	465.27	Std. Drwg. D-93 for 18"D See Struct. Notes Sht. 3
3	'S' COMB.	467.16	Std. Drwg. D-99 for 15"D See Struct. Notes Sht. 3
50	'C'	460.85	Howard Co. Standard Endwall Drwg. D-52
51	MH	465.48	Howard Co. Standard Manhole Drwg. D-103



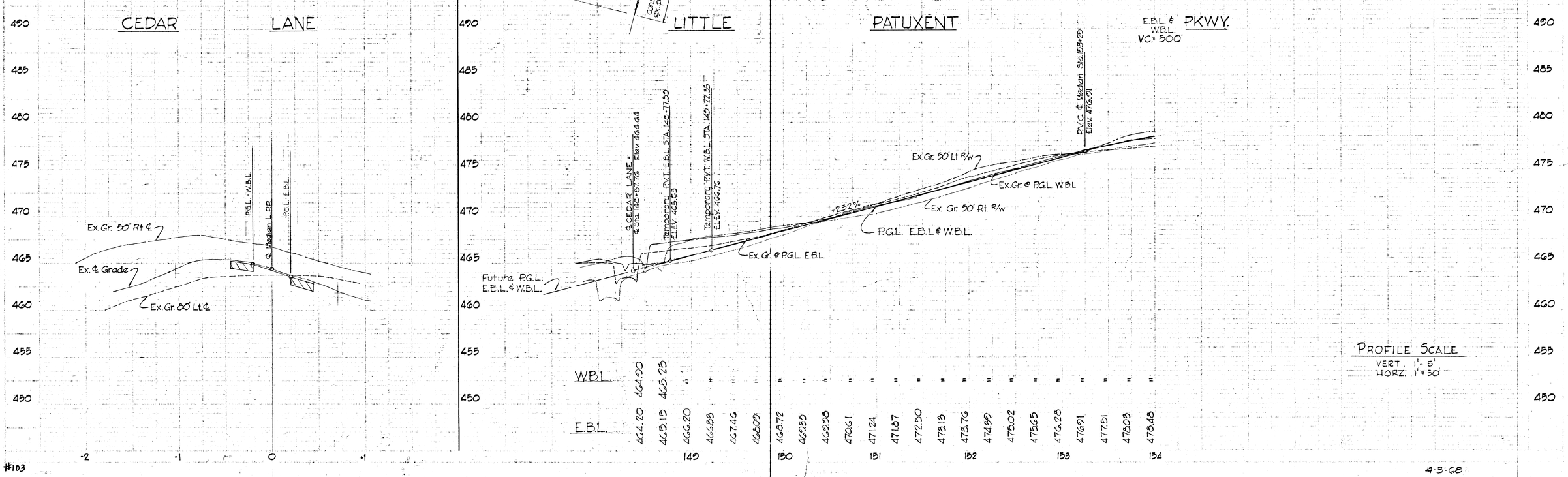
PLAN
SCALE 1"=50'

PURDUM & JESCHKE
CONSULTING ENGINEERS
1023 N. CALVERT St
BALTIMORE 21202 Md.

COLUMBIA
THE ROUSE COMPANY

LITTLE PATUXENT PARKWAY
Sta. 148+37.76 to 154+00

DES: E.L.B.	SCALE: AS SHOWN	SHT. NO: 6 of 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO.
CHK: B.M.J.		

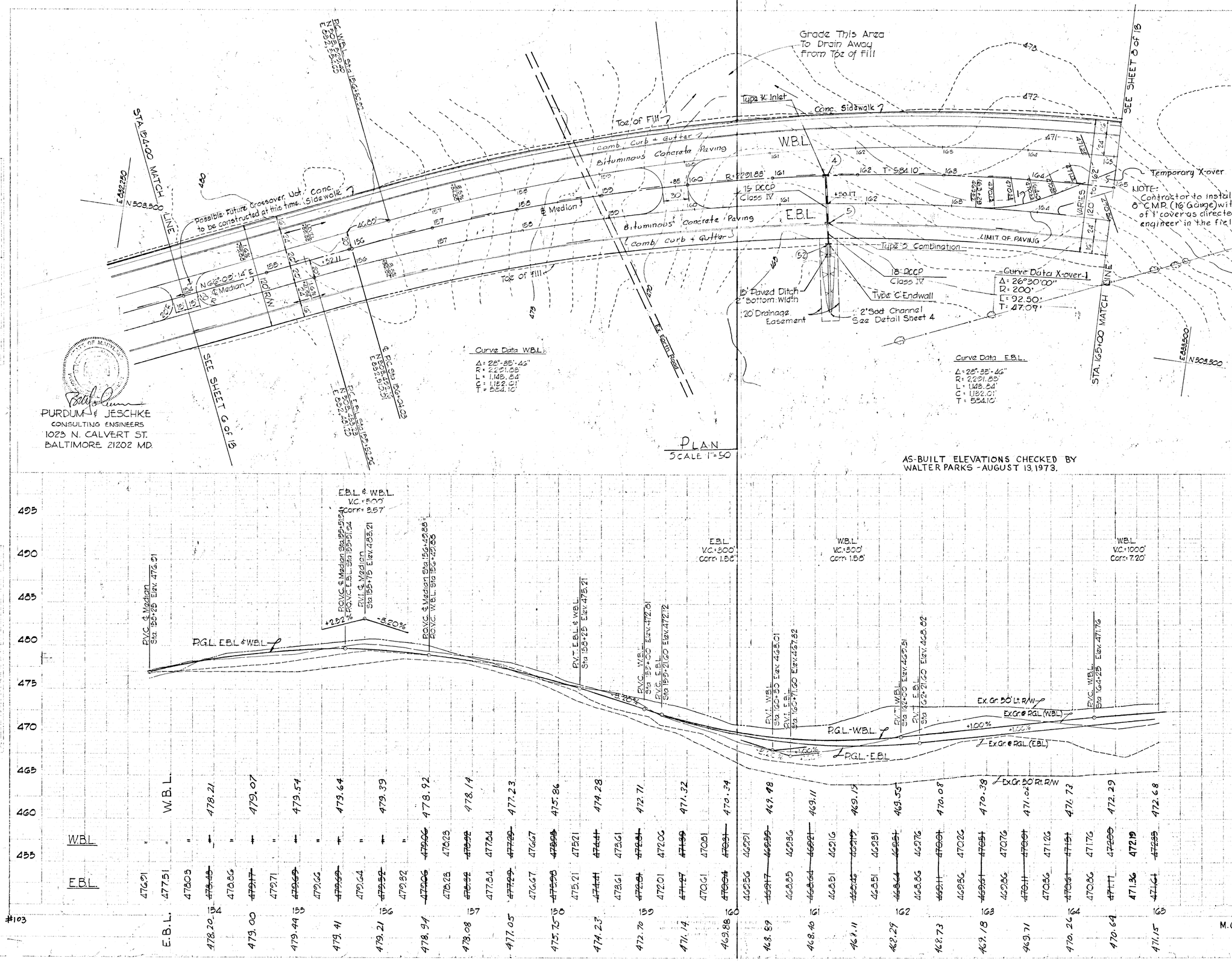


PROFILE SCALE
VERT. 1"=5'
HORZ. 1"=50'

#103

4-3-68

F-68-1



PLAN
SCALE 1"=50

AS-BUILT ELEVATIONS CHECKED BY WALTER PARKS - AUGUST 13, 1973.

APPROVED
PLANNING COMMISSION
OF HOWARD COUNTY
DATE MAY 20 1968
J H C Jr
APPROVED FOR REVISION
BY- Francis W. Neheard
DATE- 7/20/70

STRUCTURE SCHEDULE

NO.	TYPE	TOP. EL.	REMARKS
4	K	467.43	Std. Drwg. D-98 for 15" D See Struct. Notes Sht.5
5	S COMB.	468.72	Std. Drwg. D-99 for 15" D See Struct. Notes Sht.3
52	K	465.01	Howard County Std. Endwall Drwg. D-52

PURDUM & JESCHKE
CONSULTING ENGINEERS
1023 N. CALVERT ST.
BALTIMORE 21202 MD.

COLUMBIA
THE ROUSE COMPANY

LITTLE PATUXENT PARKWAY
Sta. 154+00 to 165+00

DES: E.L.B.	SCALE: AS SHOWN	SHT. NO 7 of 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO
CHK: B.M.J.		

PROFILE SCALE
VERT. 1"=5'
HORZ. 1"=50'

M. CARSKI, 3-13-74: 4-3-68

F-68-1

#103

APPROVED
PLANNING COMMISSION
OF
DATE MAY 20 1968

APPROVED FOR REVISION
BY - Granville M. Mehrens
DATE- 7/20/70

N

Curve Data W.B.L.
Δ: 25°-55'-49"
R: 2291.83
L: 1148.34
C: 1132.01'
T: 584.10'

Curve Data E.B.L.
Δ: 25°-55'-49"
R: 2291.83
L: 1148.34
C: 1132.01
T: 584.10'

Curve Data Rt Turn Lane
Δ: 90°-00'-00"
R: 100.00'
L: 157.08'
T: 100.00'
De: 57°-17'-25"

Curve Data Rt Turn Lane
Δ: 86°-06'-35"
R: 100.00'
L: 150.29'
T: 93.43'
De: 57°-17'-25"

Curve Data - 2
Δ: 30°00'00"
R: 200.00'
L: 104.72'
T: 53.59'

Curve Data - 3
Δ: 30°00'00"
R: 176.00'
L: 92.15'
T: 47.16'

X-over

HARPER'S FARM ROAD

See sheet No. 11 for Intersection Detail

LIMIT OF CONTRACT

LIMIT OF TYPE 'A' PAVING

Possible future Left Turn Lane Not To be Constructed At This Time

Top of Cut

Possible Future Crossover Not to be constructed at this time.

Possible Future Crossover Not to be constructed at this time.

Conc. Sidewalk

Comb. Curb & Gutter

Bituminous Concrete Paving

W.B.L.

E.B.L.

P.G.L.

15" RCCP (Class IV)

Type 'C' Endwall

Type 'K' Inlet

Type 3 Combination

15" Paved Ditch

2' Sod Channel

18" RCCP (Class IV)

Curb & Gutter

20' Paved Ditch - 2' Bottom Width

Natural Swale

10' Paved Ditch - 2' Bottom Width

15" RCCP Class IV

Toe of Fill

Temporary X-over

STA. 165+00 MATCH LINE SEE SHT. 7 of 13

STA. 177+60 MATCH LINE SHT. 9 of 13

NOTE: Contractor to install 60 L.F. of 8" C.M.P. (16 Gauge) with a minimum of 1' cover as directed by the engineer in the field

2' Sod Channel See Detail Sheet No. 4

Curve Data W.B.L. For P.C. Sta. 160+
Δ: 10°-41'-12"
R: 2,085.59'
L: 372.67'
C: 372.12'
T: 186.89'

Curve Data W.B.L. For P.C. Sta. 173+
Δ: 26°-[illegible]
R: 1176.00'
L: 549.66'
C: 545.01'
T: 279.85'

Curve Data E.B.L.
Δ: 38°-45'-13"
R: 1156.00'
L: 782.19'
C: 768.24'
T: 406.42'

Ⓐ N 503,701.83 E 833,855.00

Label Paving (Type, etc)
" Curb (" ")
" Sw (" ")

PURDUM & LESCHKE
CONSULTING ENGINEERS
1023 N. CALVERT ST.
BALTIMORE 21202 MD.

STRUCTURE SCHEDULE

NO.	TYPE	TOP EL	REMARKS
6	'K'	468.10	Std. Drwg. D-93 for 15" D See Struct. Notes Sht
7	3 COMB.	465.96	Std. Drwg. D-90 for 15" D See Struct. Notes Sht
8	3 COMB.	458.49	Std. Drwg. D-90 for 15" D See Struct. Notes Sht.
9	3 COMB.	446.61	Std. Drwg. D-90 for 15" D See Struct. Notes Sht
16	C	447.60	Howard Co. Standard Endwall Drwg. D-92
10	3 COMB.	437.60	Std. Drwg. D-90 for 15" D See Struct. Notes Sht.
53	C	462.92	Howard Co. Standard Endwall Drwg. D-92
54	C	456.33	Howard Co. Standard Endwall Drwg. D-92
55	C	443.64	Howard Co. Standard Endwall Drwg. D-92
56	C	434.00	Howard Co. Standard Endwall Drwg. D-92

COLUMBIA

THE ROUSE COMPANY

LITTLE PATUXENT PARKWAY

Sta. 165+00 to 177+26.68

DES: E.L.B.	SCALE: AS SHOWN	SHT. NO. 8 of 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO.
CHK:		

PLAN
Scale: 1"=50'

Sta. 160+20.27 2'R
Elev. 470.05

Sta. 160+38.88 5'R
Elev. 469.73

Sta. 170+32.74 5'R
Elev. 468.15

Sta. 170+46.73 2'R
Elev. 467.80

+1.00%
-4.76%
-4.40%
-2.84%
+.20%

℄ HARPER'S FARM RD.

P.G.L. W.B.L.

P.G.L. E.B.L.

Ex. Gr. 80' Lt. R/W

Ex. Gr. @ P.G.L. (W.B.L.)

Ex. Gr. @ P.G.L. (E.B.L.)

Ex. Gr. 80' Rt R/W

P.V.C. E.B.L. Sta. 165+00 Elev. 471.61

P.V.I. E.B.L. Sta. 168+00 Elev. 472.63

P.V.I. W.B.L. Sta. 169+25 Elev. 476.74

P.V.T. E.B.L. Sta. 171+00 Elev. 461.41

P.V.T. W.B.L. Sta. 174+25 Elev. 452.96

W.B.L. 472.68 472.86

E.B.L. 471.15 471.64 471.95 472.06 471.78 471.36 470.72 469.67 468.66

W.B.L. 452.96 451.77 450.55 449.39 448.20 447.01 445.82 444.63 443.44 442.25 441.06 439.87

E.B.L. 447.11 446.01 444.91 443.81 442.71 441.61 440.51 439.41 438.31 437.21 436.11 435.01

Sta. 168+46.73 2'R
Sta. 0+00
Elev. 470.46
-1.72%

P.V.C. Sta. 0+57.88 Elev. 470.05
Sta. 0+65.73 2'R

Sta. 0+22.22 5'R
Elev. 470.11

P.V.T. Sta. 1+07.88 Elev. 469.45

Sta. 0+22.27 2'R
P.V.T. Sta. 1+57.88

0.00%
-1.72%

V.C. = 100'
Corr. = .215'

RIGHT TURN LANE
N.W. CORNER

E.B.L.
V.C. = 600'
Corr. = 4.05'

W.B.L.
V.C. = 1000'
Corr. = 7.20'

V.C. 100'
Corr. .35'

P.V.C. 0+00
Elev. 446.45

P.V.T. 1+00
Elev. 447.15

Sta. 0+22.27 2'R
P.V.T. Sta. 1+57.88

Sta. 0+46.73 2'R
Elev. 447.80

Sta. 0+46.73 2'R
Elev. 447.74

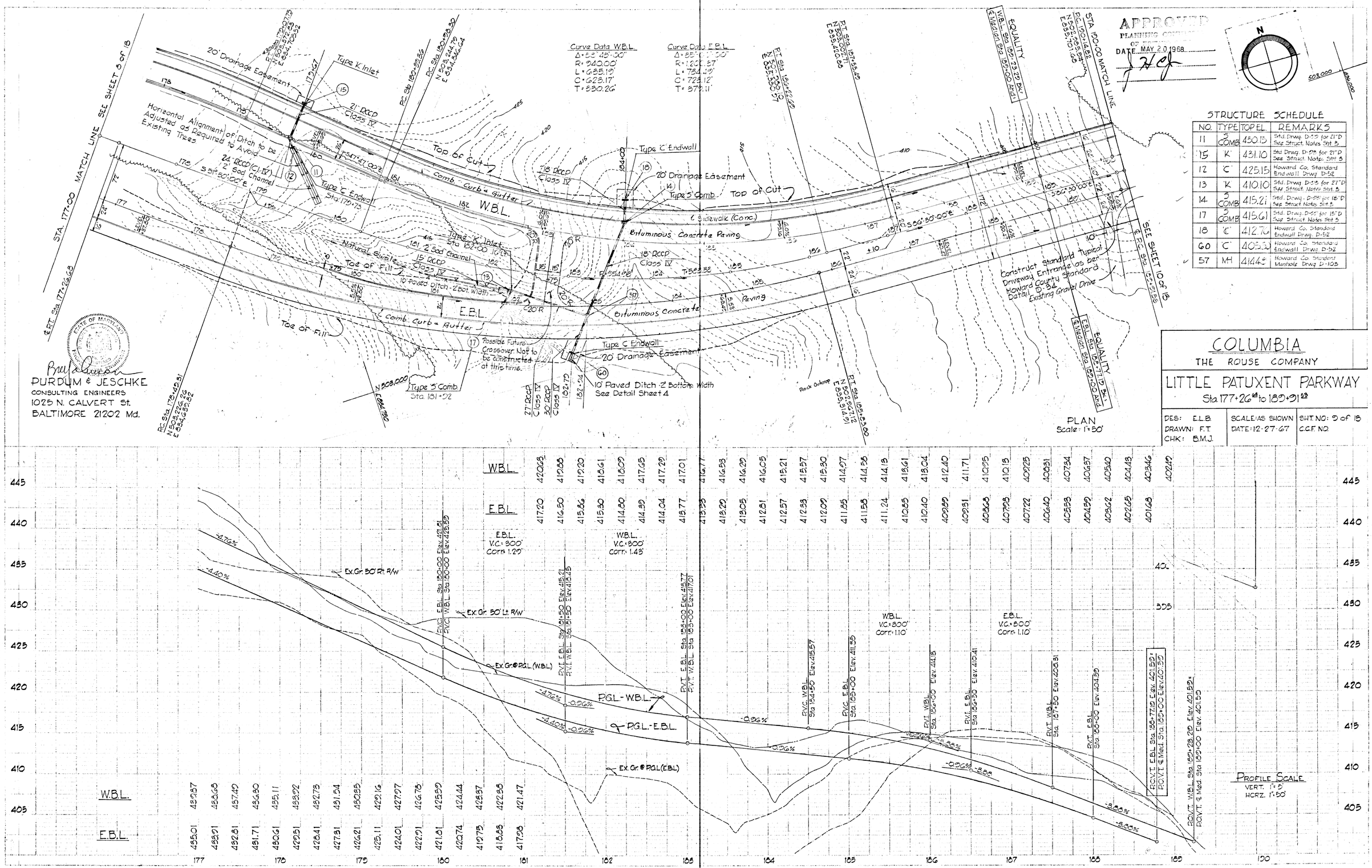
RIGHT TURN LANE
N.E. CORNER

PROFILE SCALE
VERT. 1"=5'
HORZ. 1"=50'

#103

4-3-68

F-68-1



STRUCTURE SCHEDULE

NO.	TYPE	TOP EL.	REMARKS
11	S COMB	430.15	Std. Drwg. D-59 for 21"D See Struct. Notes Sht. 3
15	'K'	431.10	Std. Drwg. D-98 for 21"D See Struct. Notes Sht. 3
12	'C'	425.15	Howard Co. Standard Endwall Drwg. D-52
13	'K'	410.10	Std. Drwg. D-98 for 27"D See Struct. Notes Sht. 3
14	S COMB	415.21	Std. Drwg. D-98 for 18"D See Struct. Notes Sht. 3
17	S COMB	415.61	Std. Drwg. D-98 for 15"D See Struct. Notes Sht. 3
18	'C'	412.76	Howard Co. Standard Endwall Drwg. D-52
60	'C'	405.50	Howard Co. Standard Endwall Drwg. D-52
57	MH	414.43	Howard Co. Standard Manhole Drwg. D-103

COLUMBIA
THE ROUSE COMPANY

LITTLE PATUXENT PARKWAY
Sta. 177+26.68 to 189+91.53

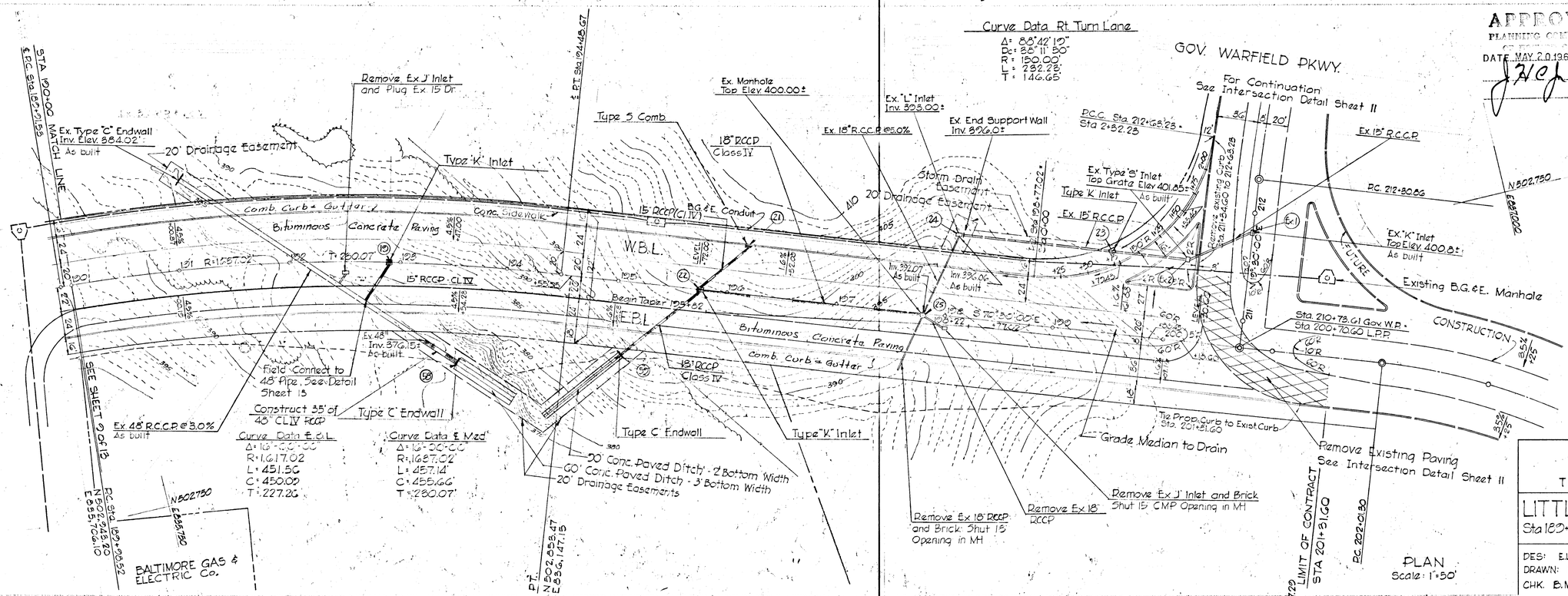
DES: E.L.B.	SCALE: AS SHOWN	SHT. NO: 9 of 18
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO.
CHK: B.M.J.		

#103

4-3-68

APPROVED
PLANNING COMMISSION
DATE MAY 20 1968

Curve Data Rt Turn Lane
Δ: 88°42'19"
Dc: 38°11'50"
R: 150.00'
L: 232.28'
T: 146.65'



STRUCTURE SCHEDULE

NO	TYPE	TOP El.	REMARKS
19	'K'	391.56	Std Drwg D-93 for 15 Dr See Struct Notes Sh3
21	5 COMB	399.00	Std Drwg D-93 for 15 Dr See Struct Notes Sh3
22	'K'	396.96	Std Drwg D-93 for 15 Dr See Struct Notes Sh3
23	'K'	402.3	Std Drwg D-93 for 15 Dr See Struct. Notes Sh3
58	'C'	380.10	Howard Co Standard Endwall Drwg D-5.2
59	'C'	390.87	Howard Co Standard Endwall Drwg D-5.2

COLUMBIA
THE ROUSE COMPANY

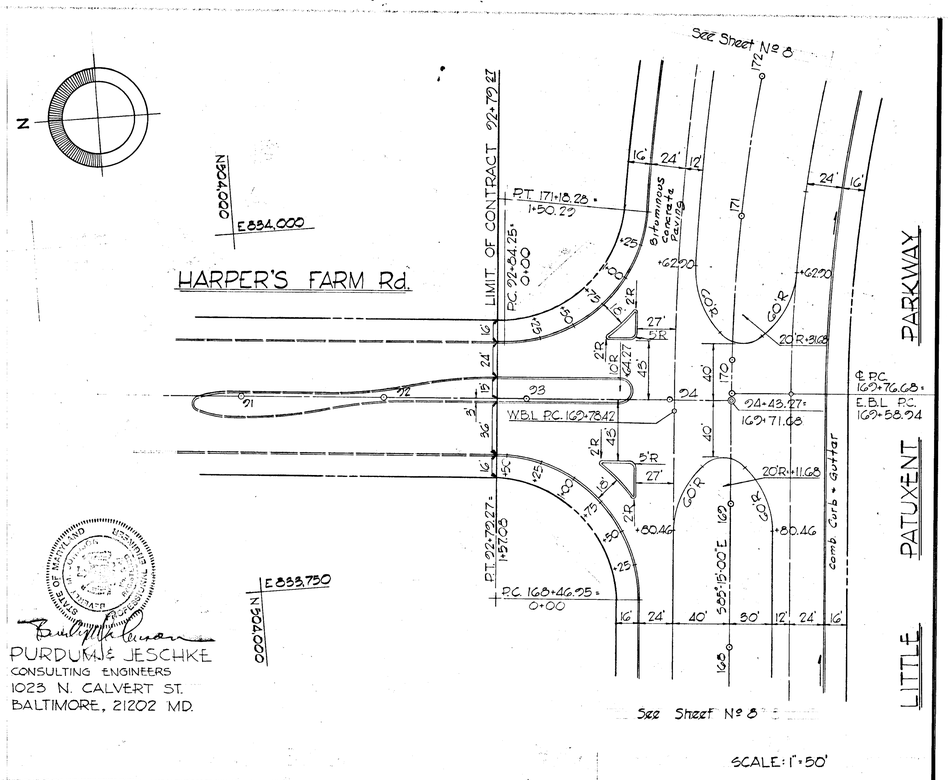
LITTLE PATUXENT PARKWAY
Sta 189+91.58 to Gov. WARFIELD PARKWAY

DES: E.L.B.	SCALE: AS SHOWN	SHT. NO. 10 of 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO.
CHK. B.M.J.		

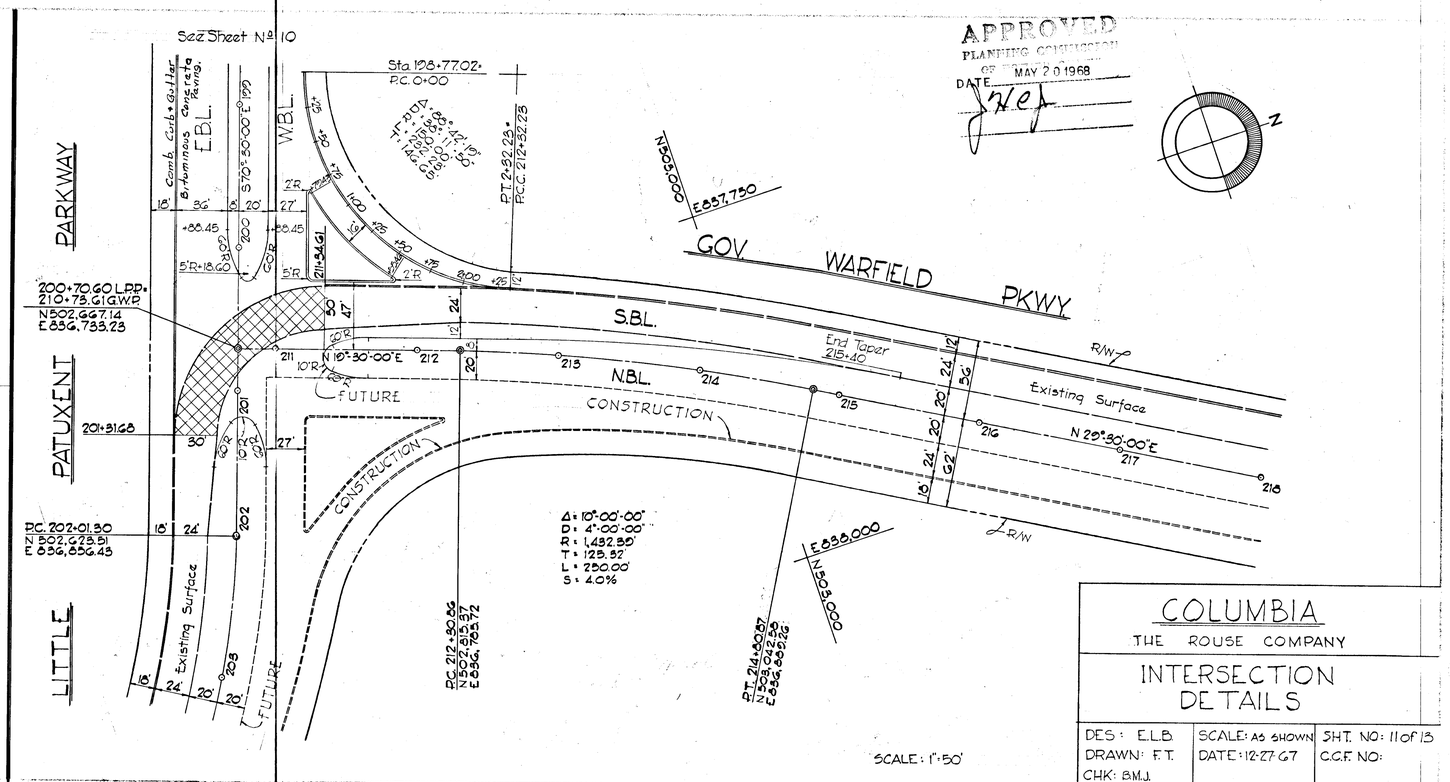
#103

4-3-68

F-68



PURDUM & JESCHKE
CONSULTING ENGINEERS
1023 N. CALVERT ST.
BALTIMORE, 21202 MD.

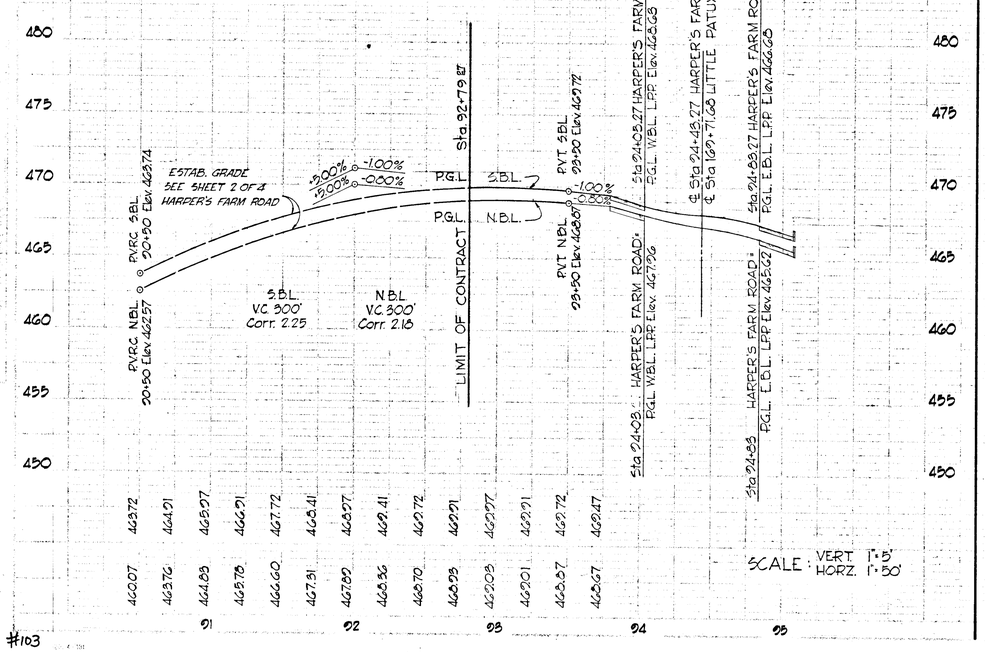


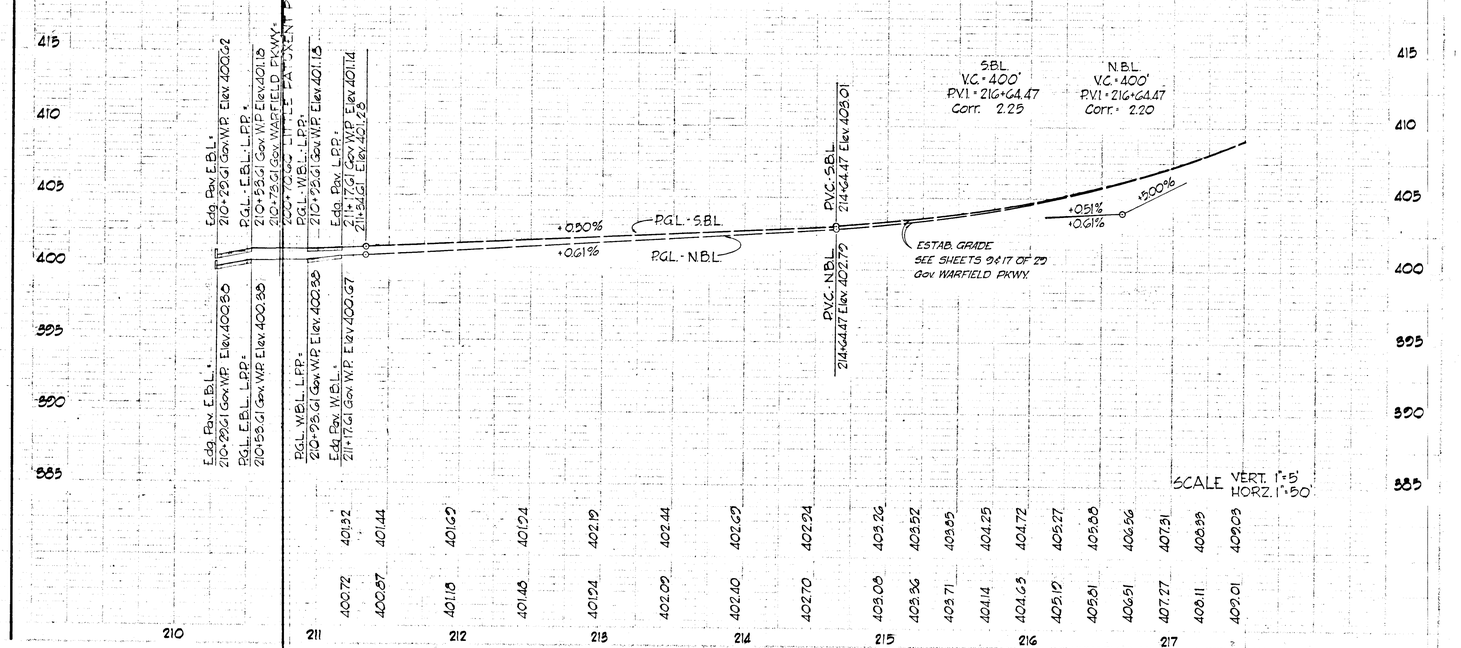
APPROVED
PLANNING COMMISSION
OF HOWARD COUNTY
DATE MAY 20 1968

COLUMBIA
THE ROUSE COMPANY

INTERSECTION DETAILS

DES: E.L.B.	SCALE: AS SHOWN	SHT. NO: 11 OF 13
DRAWN: F.T.	DATE: 12-27-67	C.C.F. NO:
CHK: B.M.J.		





#103

4-3-68

F-68-1

COLUMBIA
LITTLE PATUXENT PARKWAY

STORM DRAIN DETAIL SHEET NO. 12
FIFTH ELECTION DISTRICT HOWARD COUNTY, MD.
SCALE: HOR. 1"=50' & VERT. 1"=5'

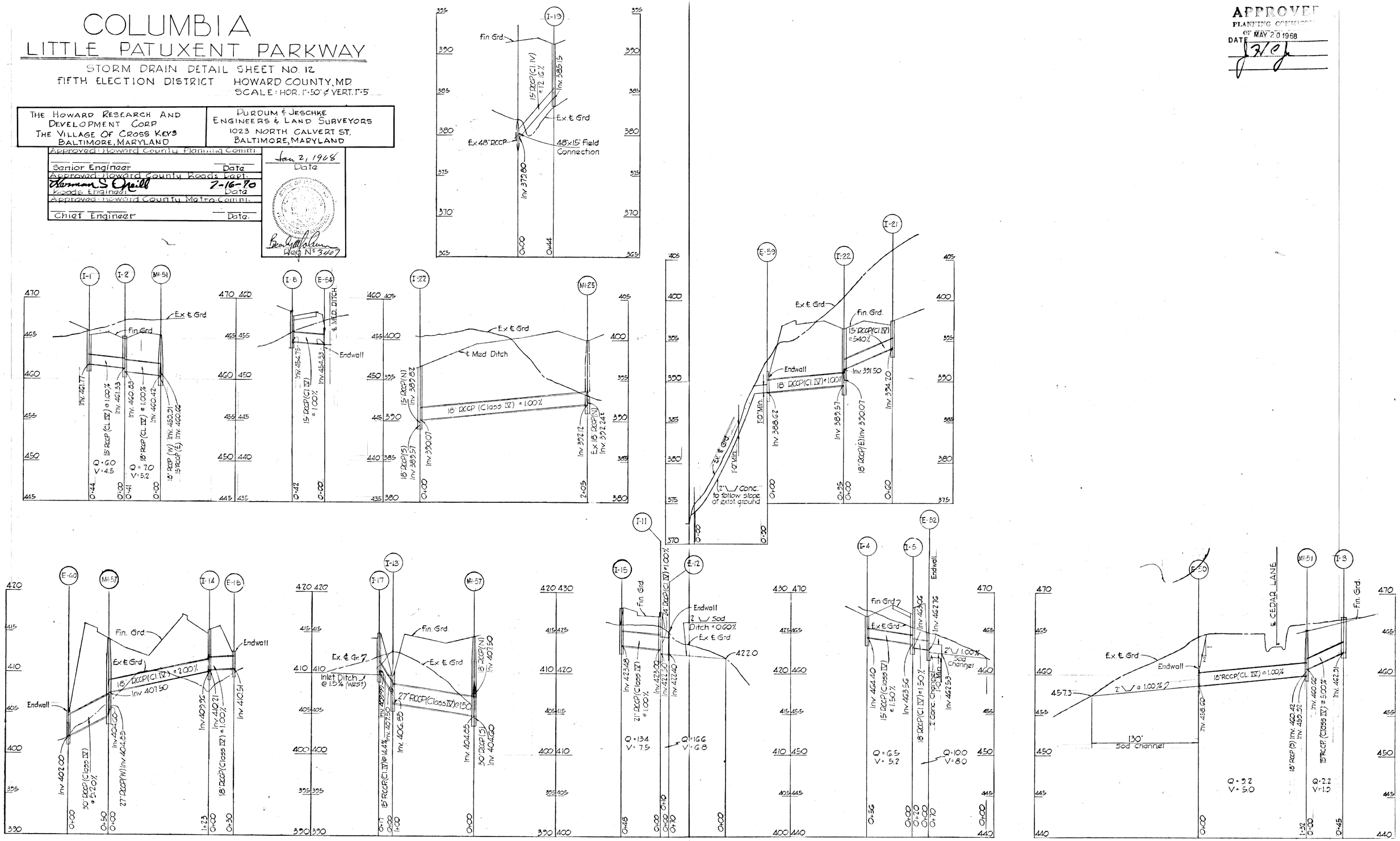
THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE VILLAGE OF CROSS KEYS BALTIMORE, MARYLAND	PURDUM & JESCHKE ENGINEERS & LAND SURVEYORS 1023 NORTH CALVERT ST. BALTIMORE, MARYLAND

Approved: Howard County Planning Comm.
Senior Engineer — Date
Approved: Howard County Roads Dept.
Herman S. O'Neill — 7-16-70
Roads Engineer — Date
Approved: Howard County Metro. Comm.
Chief Engineer — Date

Jan 2, 1968
Date

Reg. No. 3407

APPROVED
PLANNING COMMISSION
OF MAY 20 1968
DATE



#103

SHEET NO 12 of 18

F-68-1 4-3-68

COLUMBIA
LITTLE PATUXENT PARKWAY

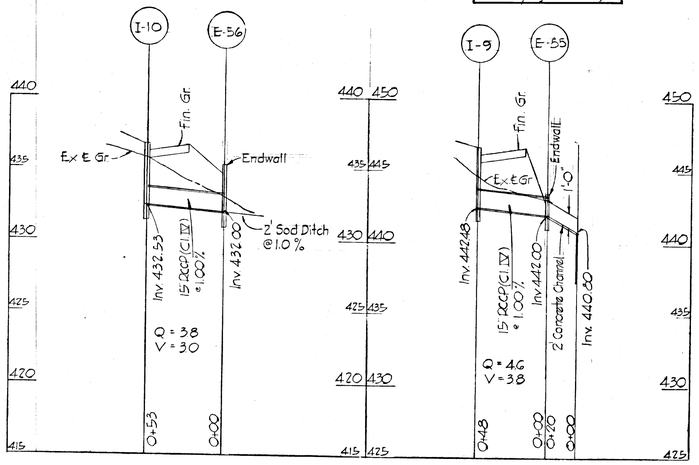
STORM DRAIN PROFILE & DETAIL SHEET 13
FIFTH ELECTION DISTRICT HOWARD COUNTY, MD.
SCALE: HOR-1"=50' & VER.-1"=5'

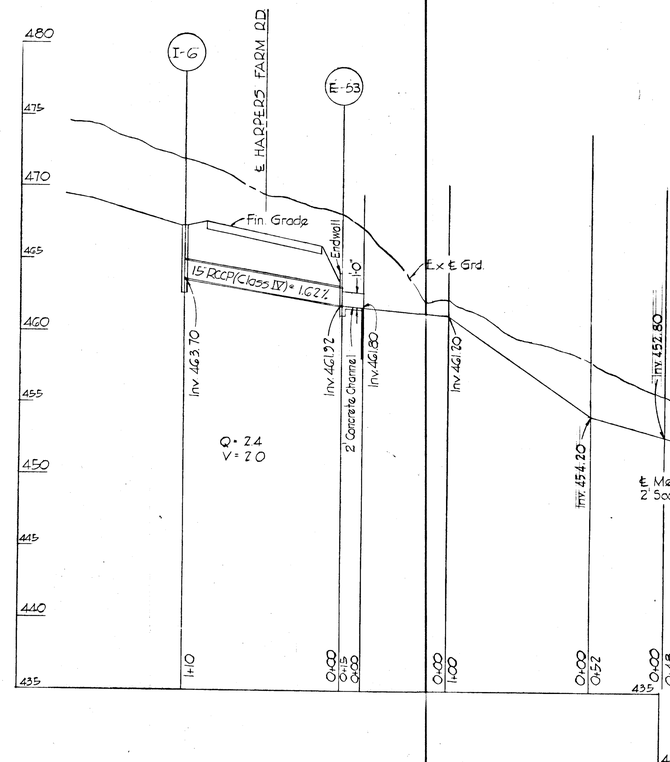
THE HOWARD RESEARCH AND DEVELOPMENT CORP. THE VILLAGE OF CROSS KEYS BALTIMORE, MARYLAND	PURDUM & JESCHKE ENGINEERS & LAND SURVEYORS 1023 NORTH CALVERT ST. BALTIMORE, MARYLAND

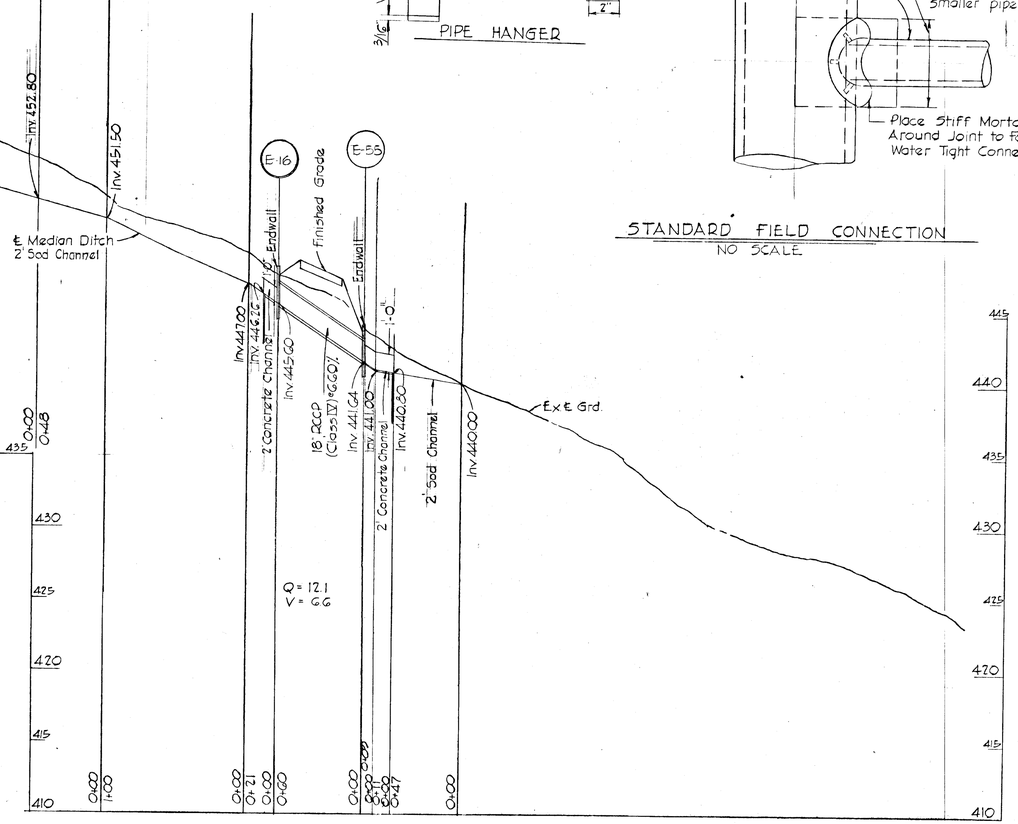
Approved: Howard County Planning Comm.
Senior Engineer — Date: Jan 2, 1968
Approved: Howard County Roads Dept.
Norman S. Mull — Roads Engineer — Date: 7-16-70
Approved: Howard County Metro. Comm.
Chief Engineer — Date

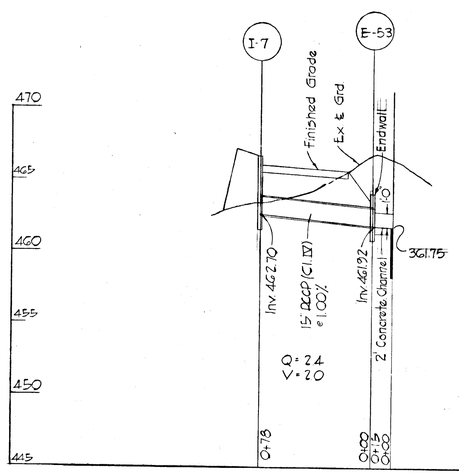
STATE OF MARYLAND — REGISTERED PROFESSIONAL ENGINEER
Reg. No. 3407

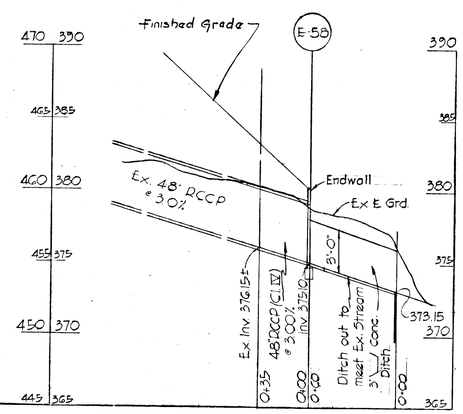
APPROVED
PLANNING COMMISSION
OF HOWARD COUNTY
DATE MAY 20 1968

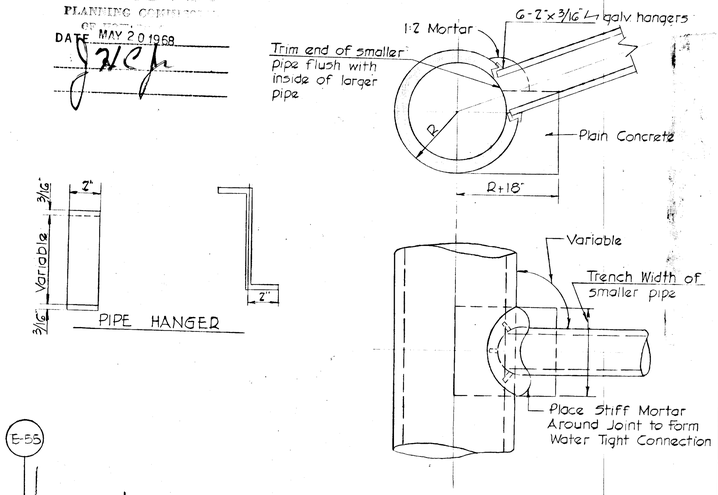












STANDARD FIELD CONNECTION
NO SCALE

#103

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