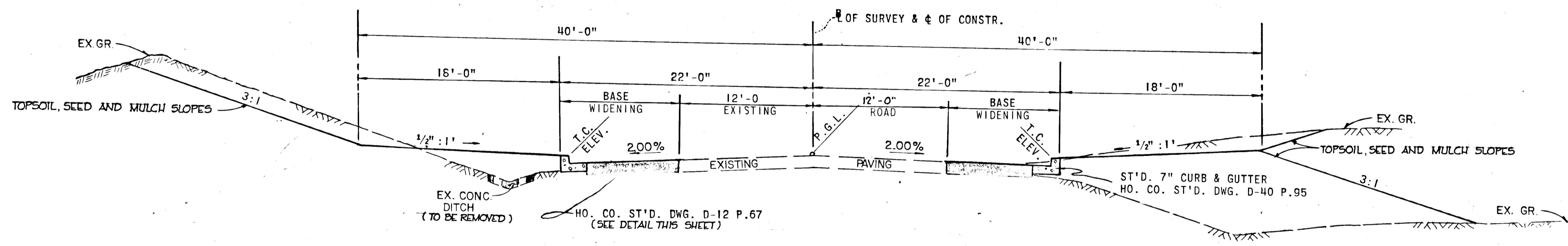


OUTFALL DITCH IMPROVEMENTS
SCALE: 1" = 10'

* DITCH TO BE SODDED TO A MINIMUM DEPTH OF 2'-0"



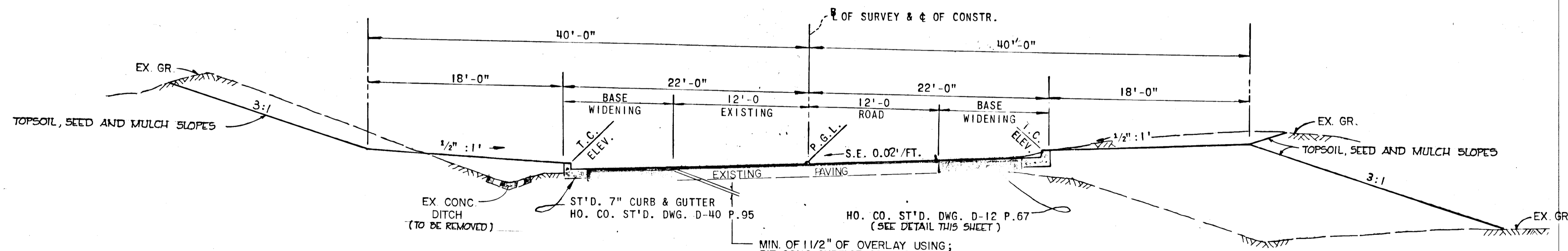
OAKLAND MILLS ROAD

STA. 98+59.10 TO STA. 99+00.00

**BASE WIDENING
NORMAL**

SCALE: 1" = 6'-0"

NOTE: TRANSITION BETWEEN STA. 96+59.10 & STA. 98+59.10



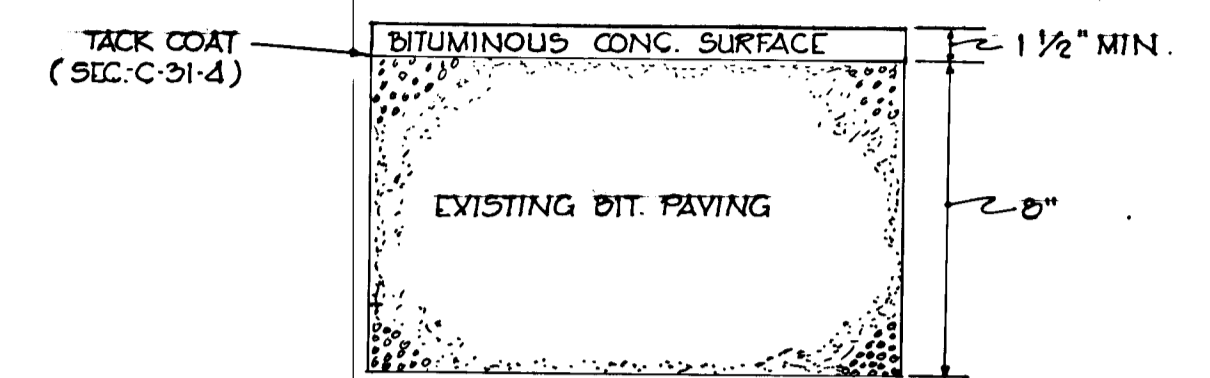
OAKLAND MILLS ROAD

STA. 95+00.00 TO STA. 96+59.10

BASE WIDENING & RESURFACING SECTION

SCALE: 1" = 6'-0"

SUPERELEVATED



RESURFACING PAVING SECTION

SURFACE COURSE ARTICLE C-31

BITUMINOUS CONCRETE SURFACE	1 1/2" BAND C-3	FINAL PHASE
BITUMINOUS CONCRETE BINDER	3" BAND C-2	FIRST PHASE
BITUMINOUS CONCRETE BASE	5" BAND C-2 OR G-3	

CLEARING AND GRADING	ARTICLE C-1
SUBGRADE	ARTICLE C-2
BASE COURSE	ARTICLE C-31 OR C-33
BINDER COURSE	ARTICLE C-31
SURFACE COURSE	ARTICLE C-31

- 1 BASE WILL BE PRIMED IN ACCORDANCE WITH C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
- 2 TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
- 3 TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.

SECTION D-12

DEPARTMENT OF PUBLIC WORKS
J. H. McCreath 1/14/75
 CHIEF, BUREAU OF HIGHWAYS DATE
 OFFICE OF PLANNING AND ZONING
J. T. J. JR. 1/12/75
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING DATE

GREEN ASSOCIATES, INC.
 CONSULTING ENGINEERS
 TOWSON, MARYLAND

2-G-74	1	REV. TYPICAL SECTIONS Q.M.R.D.
Rev. Date	Rev. No.	Revision Description

COLUMBIA
 MARYLAND
 6TH ELECTION DISTRICT HOWARD COUNTY
 HOWARD RESEARCH AND DEVELOPMENT CORP.

1-22-74
 Date
 PROJECT AREA: E.G.U. SUBDIVISION SECTION 1 AREA 4
 PROJECT TITLE: OAKLAND MILLS ROAD TYPICAL SECTIONS
 Des. By: A.W.R. Scale: AS SHOWN Dwg No: 2 OF 4
 Din. By: J.T.J. JR. Date: 1-21-74 C.C.F. No.
 Chk. By: J.T.J. Approved

APPROVED
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 10/30/74
J. T. J. JR.

1-22-74
 Date
 Reg. No. 5407

PLAN
SCALE 1"=50'

TEST PITS

NO	STA	OFFSET	UTILITY	TOP ELEVATION
1	92+00	17'-LT.	4" GAS	381.10
2	92+50	17'-LT.	4" GAS	374.35
3	92+50	25'-LT.	4" GAS	382.33
4	92+70	25'-LT.	4" GAS	382.18
5	92+77	25'-LT.	TEL. CABLE	381.57
6	92+77	31'-LT.	12" WATER	381.27

¢ CURVE DATA
 $\Delta = 64^\circ - 18' - 08''$
 $D = 12^\circ - 00' - 00''$
 $R = 477.47'$
 $T = 300.11'$
 $L = 535.85'$
 $E = 86.48'$
 $CHD. = N04^\circ 18' 23'' E, 508.17'$

STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	INV. IN	INV. OUT	T.C. ELEV.	REMARKS
I-1	DBLE. 'S' COMB.	98+80 RT.	362.25	362.15	366.60	HO. CO. STD. D-99, PG. 154
I-2	DBLE. 'S' COMB.	98+80 LT.	362.25	362.55	366.60	"
I-3	DBLE. 'S' COMB. DEPRESSED	95+50 LT.	373.05	372.25	379.41	"
I-4	DBLE. 'S' COMB. DEPRESSED	93+00 LT.	383.17	381.00	387.45	"
I-5	A-5@deflector	92+50 RT.	--	362.75	362.75	HO. CO. STD. D-99, PG. 154
S-1	STD. 'E' ENDWALL	99+15 - 55' RT.	--	361.72	361.72	HO. CO. STD. D-54, PG. 109

NOTE:
 FOR INFORMATION ON INTERSECTION OF BERGER AND OAKLAND MILLS ROAD SEE WHITMAN EQUADRT #15500, ROAD CONSTRUCTION DWGS. FOR E.G.U., SECT. 2, AREA 5, OAKLAND MILLS ROAD, AND THE VILLAGE OF OWEN BROWN, SECT. 2, AREA 3, BERGER ROAD.

DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF HIGHWAYS
 DATE 1/14/75

OFFICE OF PLANNING AND ZONING
 CHIEF DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 DATE 1/13/75

GREEN ASSOCIATES, INC.
 CONSULTING ENGINEERS
 TOWSON, MARYLAND

3-13-74 2 REV. S.D. FROM 1-3-OUT
 2-6-74 1 REV. OVERLAY LIMITS IN PLAN

Rev. Date Rev. No. Revision Description

COLUMBIA
 M A R Y L A N D
 6TH ELECTION DISTRICT HOWARD COUNTY

OWNER AND DEVELOPER
 HOWARD RESEARCH AND DEVELOPMENT CORP.
 COLUMBIA, MARYLAND

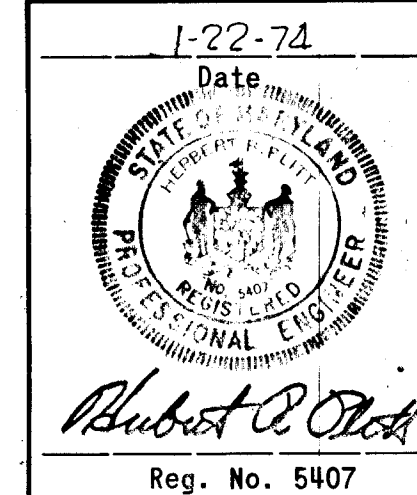
PROJECT AREA
 E.G.U. SUBDIVISION
 SECTION 1 AREA 4

PROJECT TITLE
 OAKLAND MILLS ROAD
 PLAN AND PROFILE

Des. By A.W.R. Scale AS SHOWN Dwg. No. 1-74-700
 Drn. By A.W.R. Date 1-21-74 C.C.F. No.
 Chk. By J.T.J. Approved

* LOCATION SHOWN IS APPROXIMATE, EXACT LOCATION SHOULD BE DETERMINED BY EXISTING FIELD CONDITIONS.

EXISTING 4" GAS, 12" WATER AND UNDERGROUND CABLES TO BE RELOCATED



LEGEND
 --- EX. GROUND 65' LT.
 --- EX. GROUND 65' RT.
 --- EX. GROUND @ ¢
 --- FINISHED GRADE @ P.G.L.

