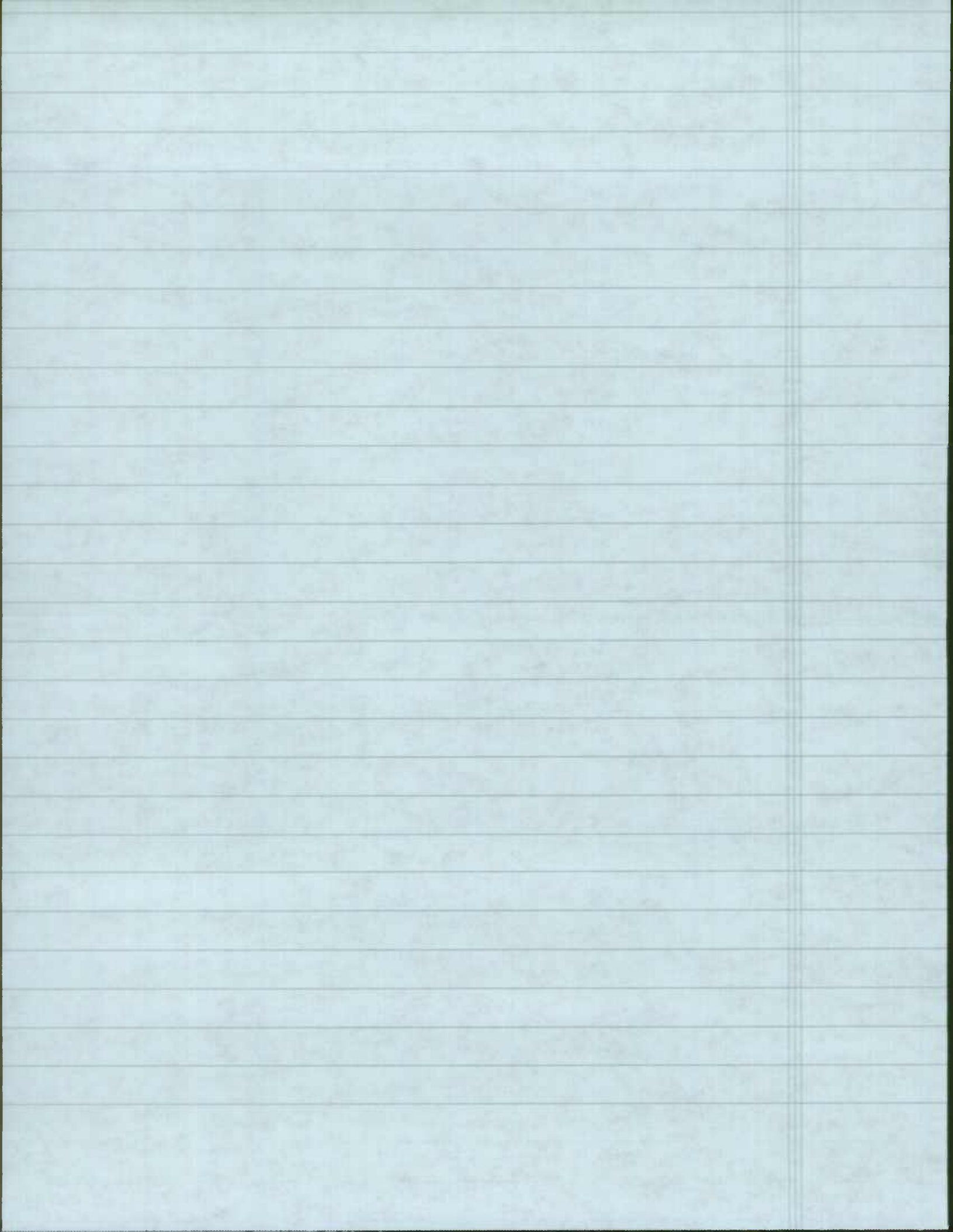


Charles Co MD 224 Reloc.

MD 805-A, Co 152, Co 142



m) 484 - From m) 865A to m) 224  
Bought by  
The SHAW  
NO RECORDS  
OF MAINT. Co 152? or Stat.

m) 866 ?? - Sold NO RECORDS

m) 865 c - R) END TO m) 224?  
m) 224 TO m) 224?  
ENT TO photo?

~~Tom~~ - Kidwell Lo Plata

DANE MUSEL - 1605  
PROP. MANAGEMENT

150 (4) of A2228 - 282 (11)  
P. 111  
P. 112

150 (4) of A2228 - 282 (11)

150 (4) of A2228 - 282 (11)  
150 (4) of A2228 - 282 (11)  
150 (4) of A2228 - 282 (11)

150 (4) of A2228 - 282 (11)

150 (4) of A2228 - 282 (11)  
150 (4) of A2228 - 282 (11)

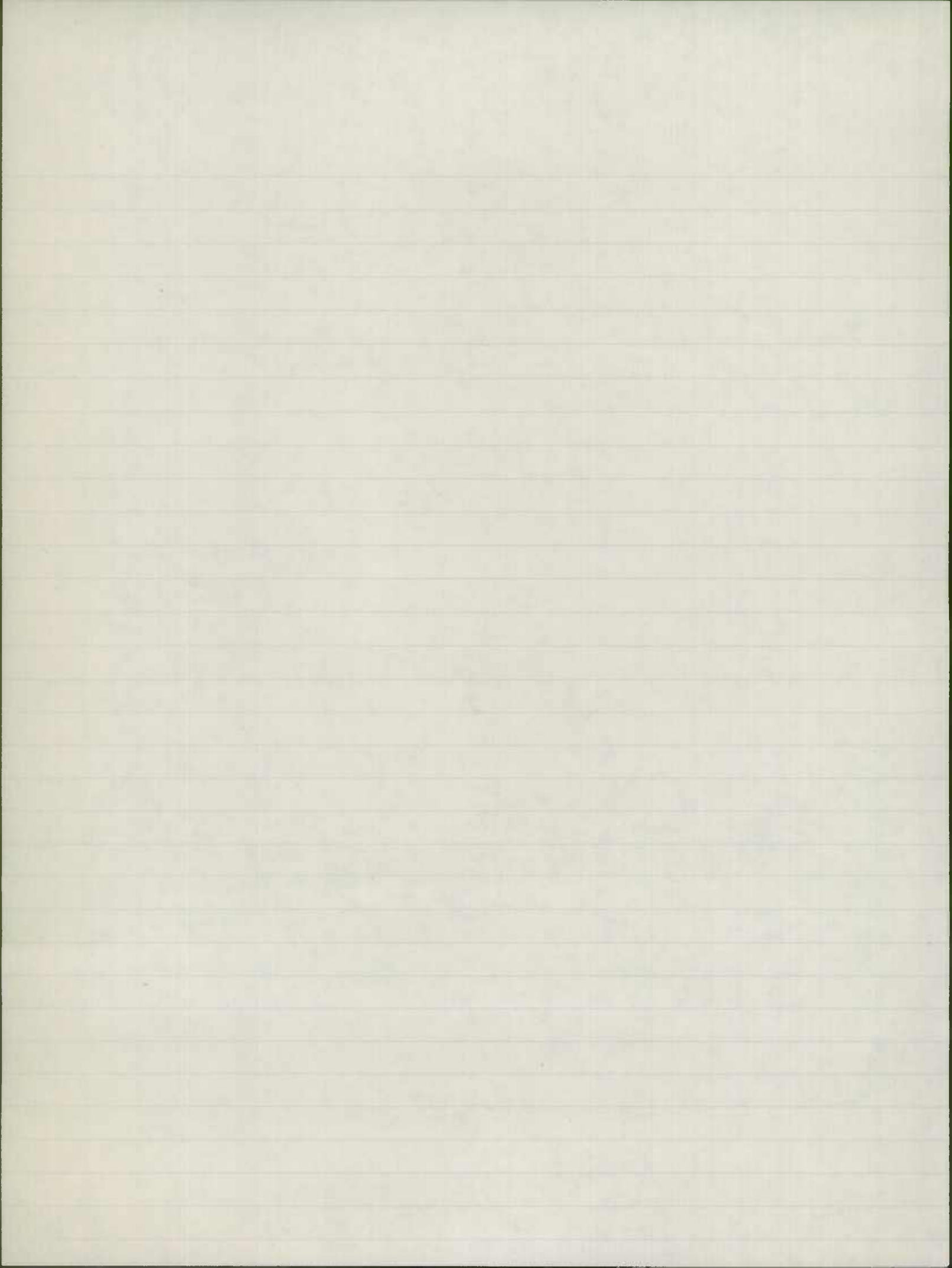
Start Research 12-24-87

Charles Co. Md 224 Reloc. as applied to  
MD 865A, Co 152, Co 412, (OP 92).

Contract # CH 297-2-520

Awd. - 3-27-57 Work started 4-15-57 - Complete 7-2-58

- check Const. Plans for Co 152, 142, OP 92.



ROAD INVENTORY SHEET

Party Chief C. FORREST  
 Recorder T. LONDON  
 Chainman D. PLUMMER

MD 865  
 POSTED IN FIELD  
 MARBURY

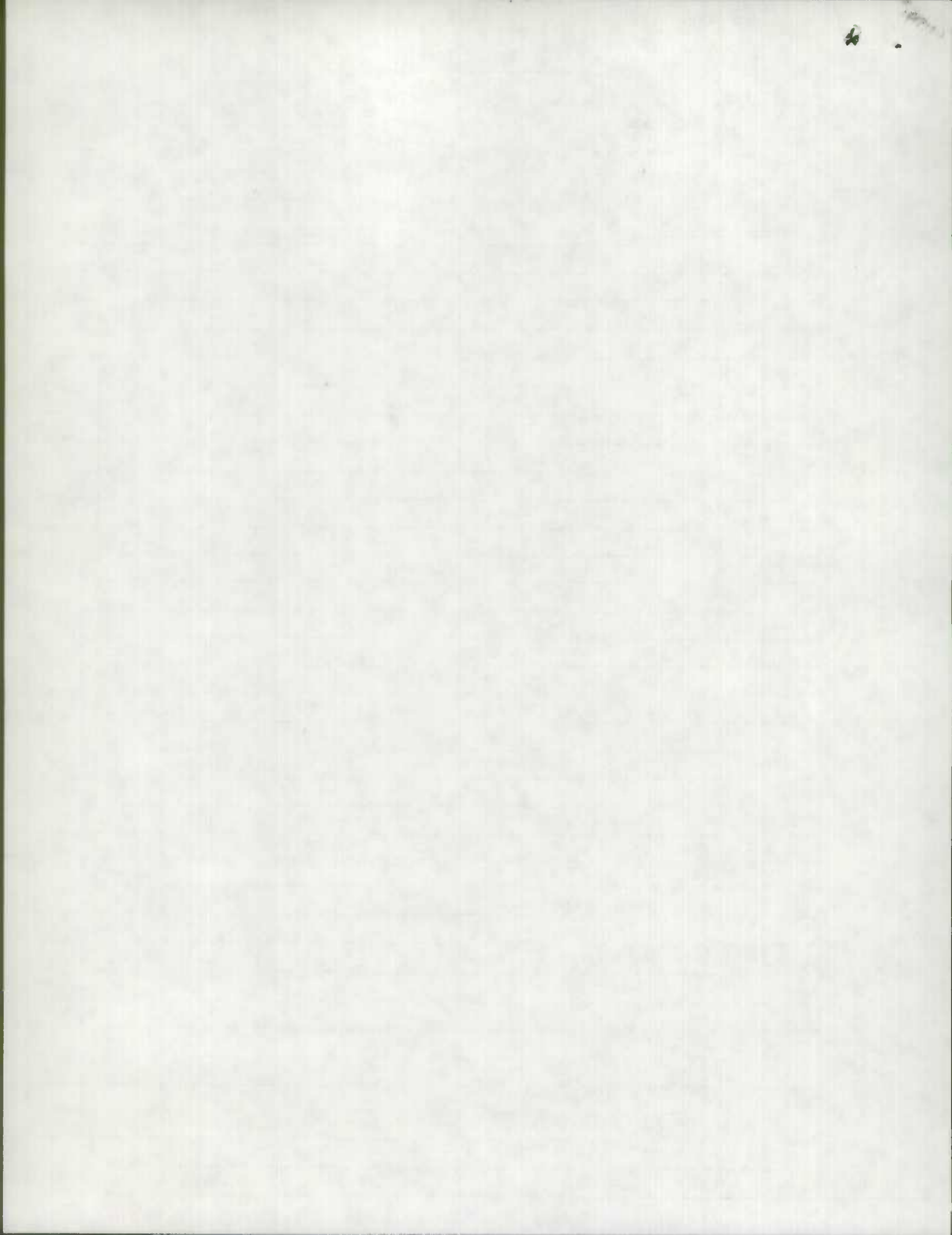
Road No. MD 865-A  
 Name \_\_\_\_\_  
 Sheet No. 10 F.3  
 Date 10-19-67  
 County CHARLES

		032	H	
		030	H	
	H	029	H	
	H	027		
		026	H	
		022	H	
		021	H	
		020	OP 108	
		CREEDS MILL RD		
		Co 142	019	
		017	H	
		014		DR
		006	H	
		spur Md 224-B		17' H
		24' I / 002	005	B-GAS & GROC
				2-2' ES HD
				30' CW
		003		✓
				19' I
		001		90°
				2-2' ES HD
				30' CW
		S.S.		
		MD	000	224
		← MASON SPRINGS		→ RISON
			OP	

027  
 026  
 022  
 021  
 020  
 019

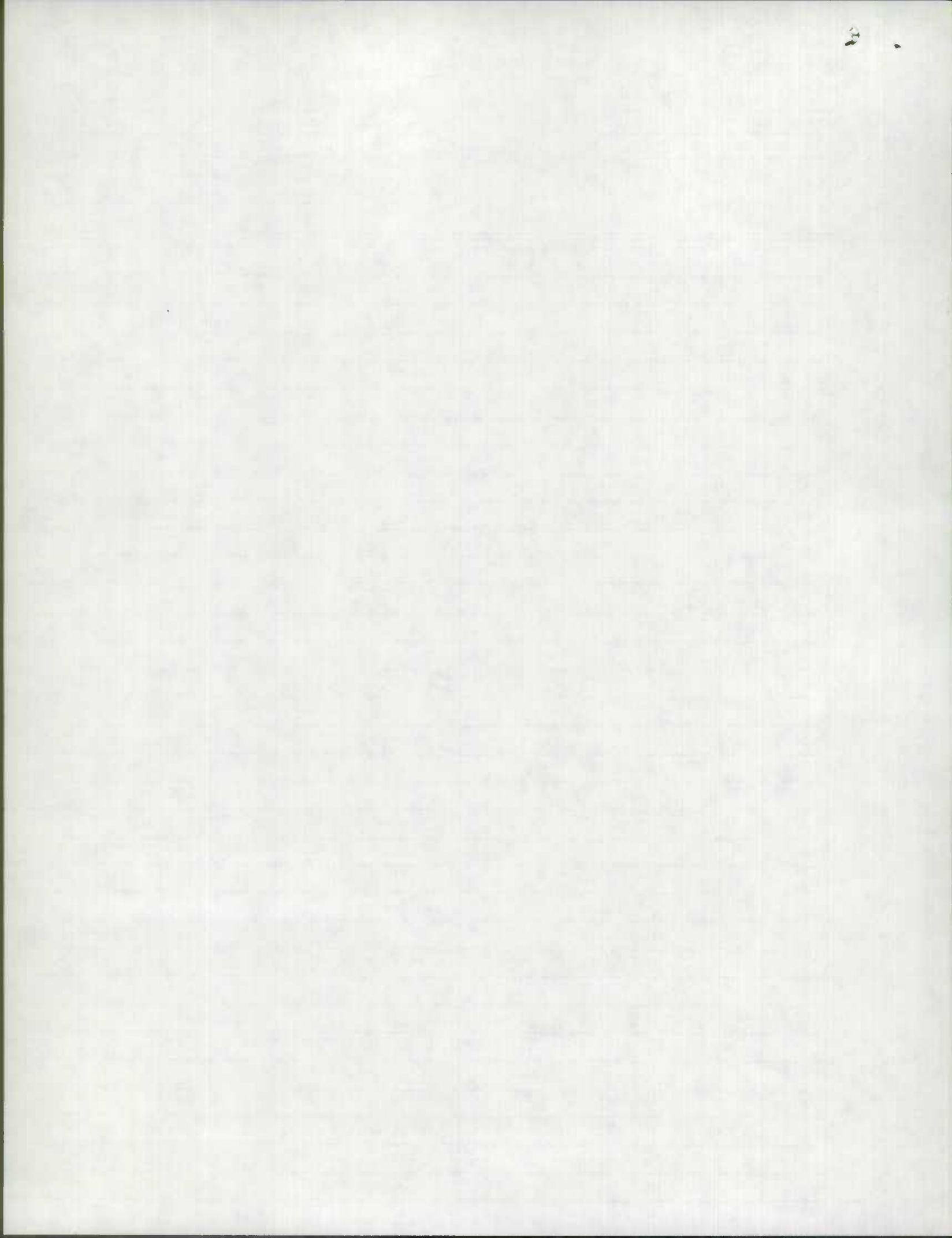
MD 224

OP

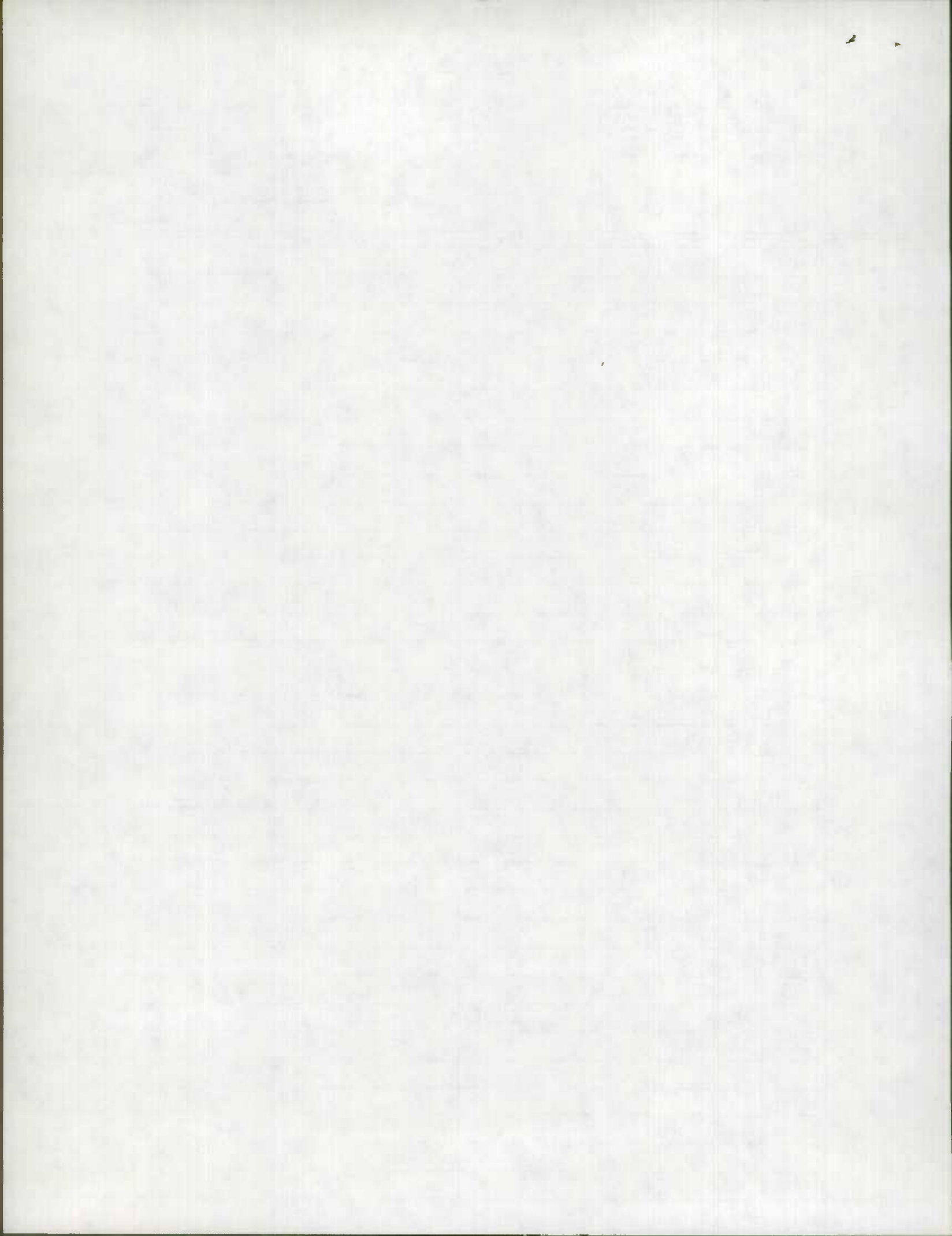




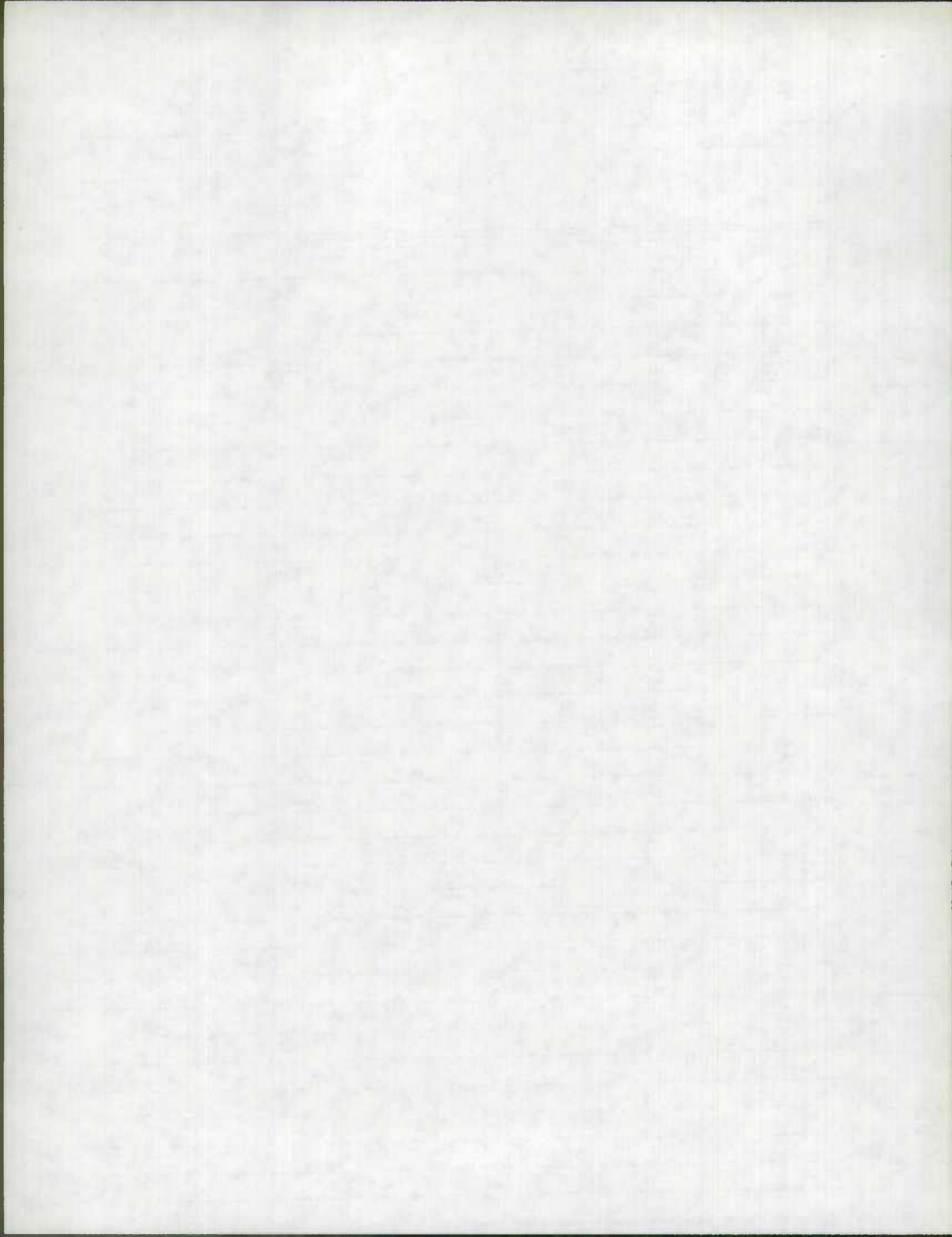












W

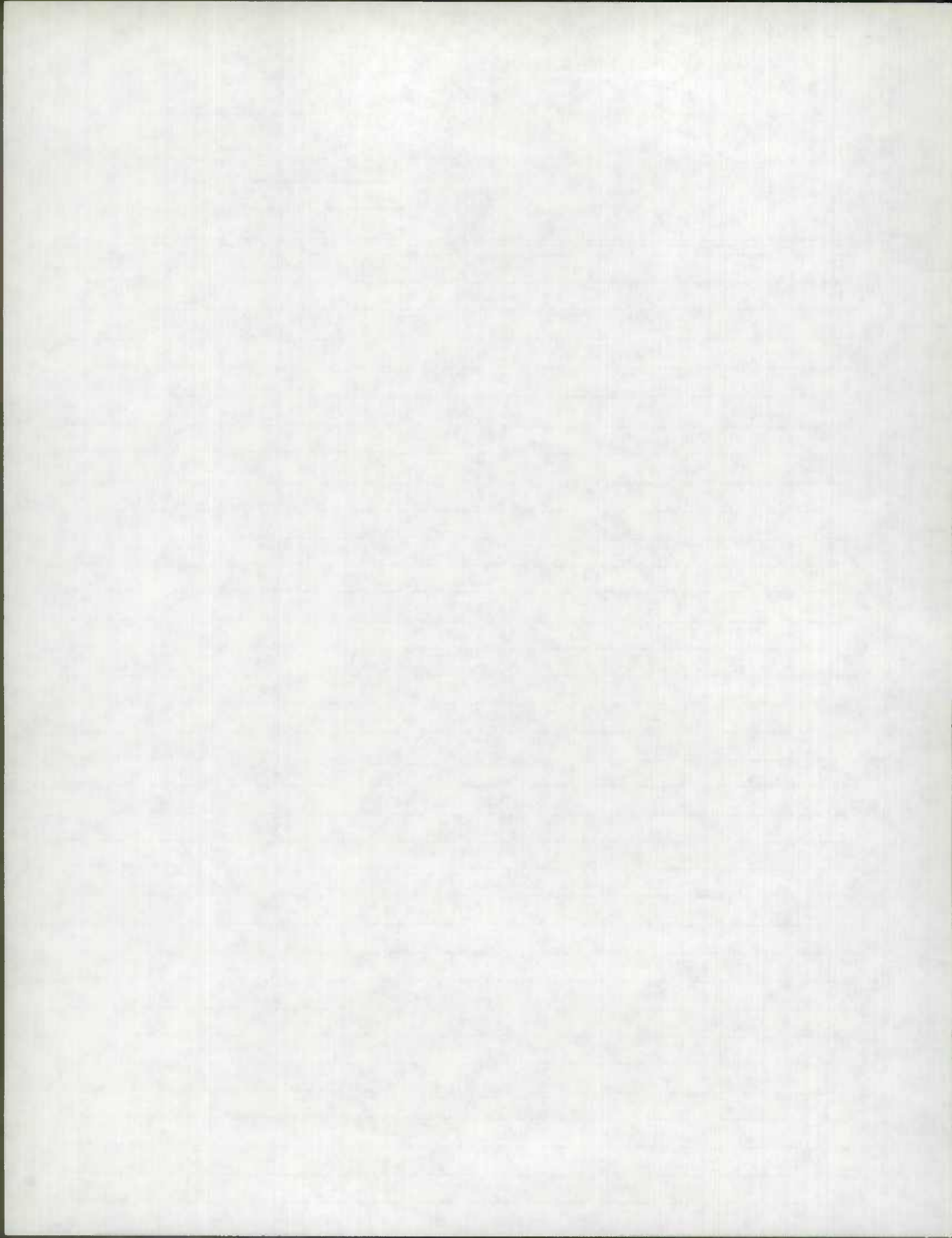
ROAD INVENTORY SHEET

City Chief C. FORREST  
 Recorder T. LANDON  
 Assessor

Road No. Co 142  
 Name CREEDS MILL RD  
 Sheet No. 1071  
 Date 10-5-67  
 County CHARLES

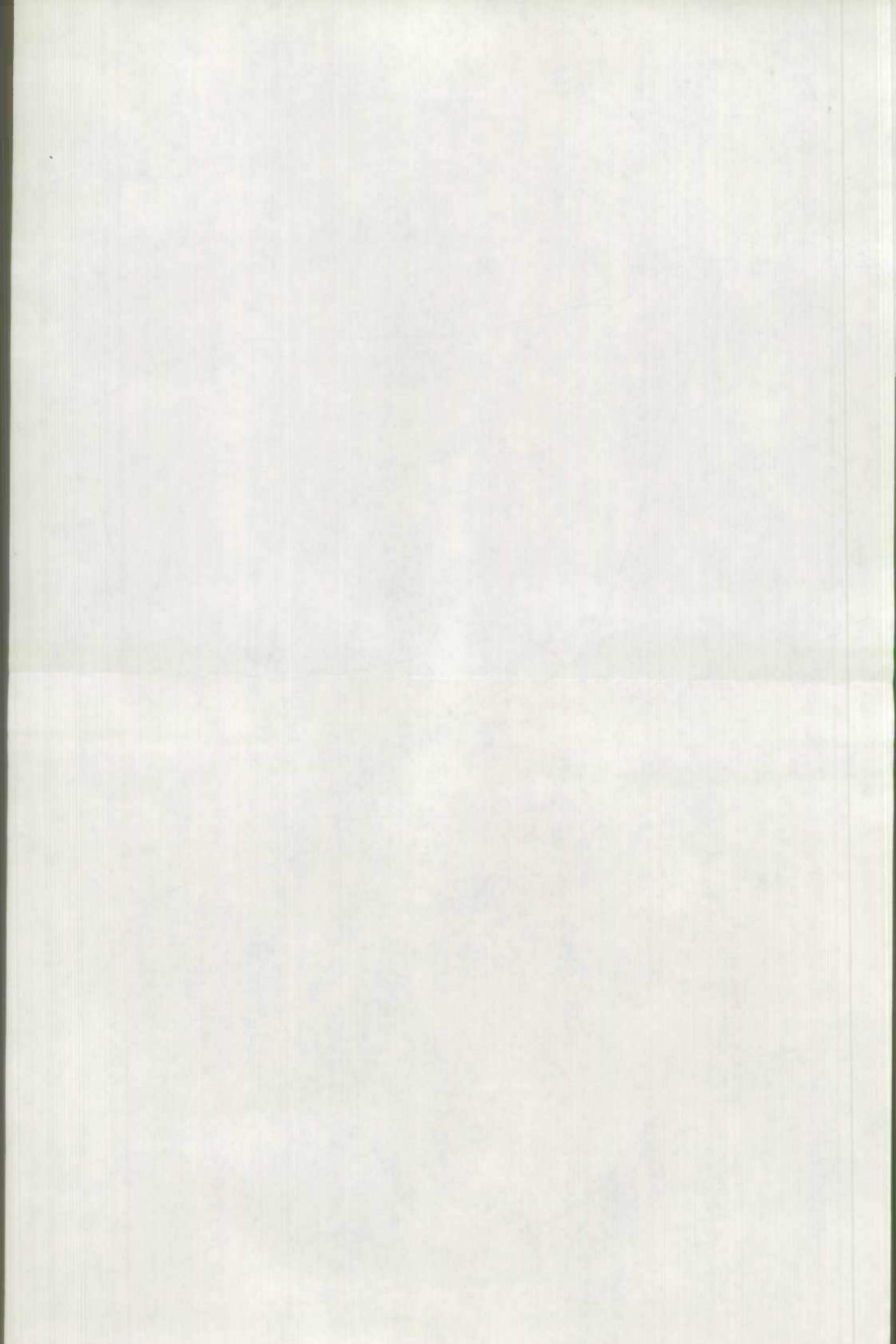
MARBURY

	MD	0.51	865-A
	MD	0.45	224
		0.40	DR
		0.39	H
			Co 444
		0.35	PIPER LANE 71-34
			20' F 40' CW
		0.34	
			AK
	H	0.32	H
		0.31	H
			OP 278
		0.30	Judy La. 70.7
		0.25	H
		0.24	H
			SALES 67-9
		0.18	
			AH
		0.09	
			16' F 20' CW
	H	0.04	
			MATTAWOMACK CREEK RD
	Co	0.00	152
			V









**INDEX OF SHEETS**

SHEET NO.	1-	TITLE SHEET & LAYOUT
"	2-	TYPICAL CROSS SECTIONS OF IMPROVEMENT
"	3-	"
"	4-	"
"	5-	PLAN STA. 0+00 TO STA. 10+50
"	6-	PROFILE STA. 0+00 TO STA. 10+50
"	7-	PLAN & PROFILE STA. 10+50 TO STA. 22+50
"	8-	" " " " 22+50 " " 34+50
"	9-	" " " " 34+50 " " 46+50
"	10-	" " " " 46+50 " " 58+50
"	11-	" " " " 58+50 " " 71+00
"	12-	" " " " 71+00 " " 84+00
"	13-	" " " " 84+00 " " 96+ 63.68
"	14-	PLAN STA. 96+63.68 TO STA. 108+50
"	15-	STA. 108+50 TO STA. 121+00
"	16-	PROFILE STA. 96+63.68 TO STA. 121+00
"	17-	PLAN & PROFILE STA. 121+00 TO STA. 134+00
"	18-	PROFILE SPUR LT. & RT. STA. 131+87
"	19-	" " " " 134+00 " " 147+00
"	20-	" " " " 147+00 " " 159+92.95
"	21-	" " " " 159+92.95 " " 172+00
"	22-	" " " " 172+00 " " 185+00
"	23-	" " " " 185+00 " " 197+50
"	24-	" " " " 197+50 " " 211+
"	25-	SPURS RT. & LT. STA. 204+47.51
"	26-	PROFILE SPURS RT. & LT. STA. 204+47.51
"	27-	PLAN STA. 211+ TO STA. 212+40
"	28-	PROFILE STA. 211+ TO STA. 212+40
"	29-	SINGLE 12'x7' REINFORCED CONC. BOX CULVERT STA. 50+81.92
"	30-	DOUBLE 10'x9' REINFORCED CONC. BOX CULVERT STA. 95+30
"	31-	SUMMARY OF QUANTITIES
"	32-	"
"	33-	"
"	34-	"
"	35-	"
"	36-	"

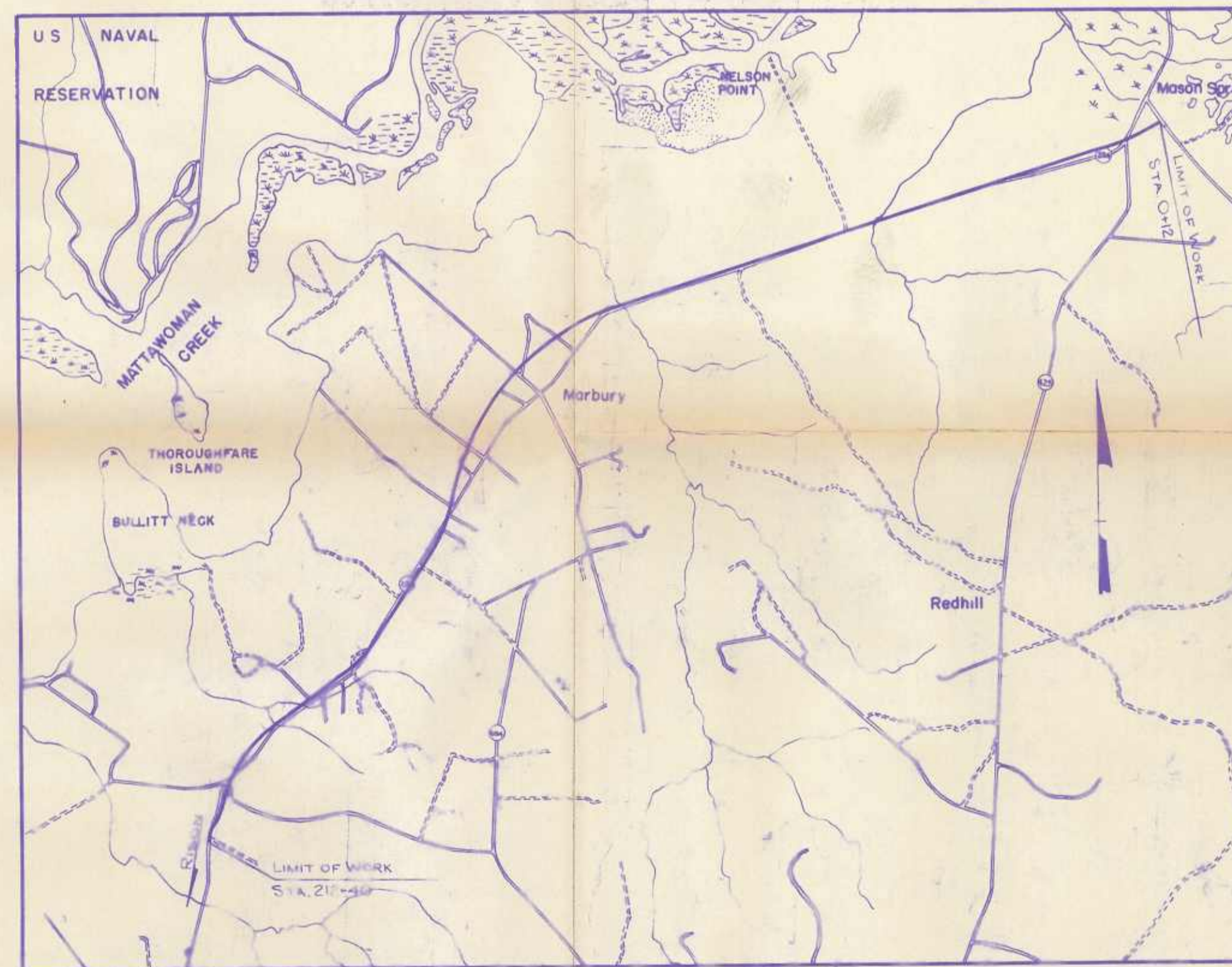
**STATE OF MARYLAND  
STATE ROADS COMMISSION**

**PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY**

FEDERAL AID PROJECT NO.

MD. RTE. \*224 MASON SPRINGS TWDS. RISON

CONTRACT NO. CH.-297-2-520



LOCATION PLAN  
SCALE - 1" = 2000'

**SOIL LEGEND**

- A-3 SAND, ZERO P.I.
- A-2 SAND & FINES
- A-2-4 SILTY SAND
- A-2-7 CLAY SAND
- A-4 SILT
- A-4-2 SANDY SILT
- A-4-7 CLAY SILT
- A-5 MICACEOUS SILT
- A-7 CLAY
- A-7-2 SANDY CLAY
- A-7-4 SILTY CLAY
- PLAN LOCATION OF SOIL BORINGS

DESIGN SPEED LIMIT 60 M.P.H.

TRAFFIC COUNT  
Mason Springs to Marbury 1462 Vehicles per day  
Marbury to Doncaster 527 Vehicles per day

**CONVENTIONAL SIGNS**

STATE AND NATIONAL LINE	-----	CULVERTS	=====
COUNTY LINE	-----	RETAINING WALL	=====
CITY OR VILLAGE	-----	DROP INLET	=====
GUARD RAIL	-----	TROLLEY POLE	=====
FENCE LINE	-----	POWER POLE	=====
UNFENCED PROPERTY	-----	TELEPHONE OR TELEGRAPH POLE	=====
RIGHT OF WAY LINE	-----	MARSH	=====
TRAVELED WAY	-----	HEDGE	=====
RAILROADS	=====	GROUND ELEVATION	DATUM LINE
BASE OR SURVEY LINE	-----	GRADE ELEVATION	DATUM LINE

FOR DETAILS OF CULVERTS, ETC. SEE STANDARD SHEET.  
STATE SPECIFICATIONS AND STANDARD PLANS ON FILE IN BUREAU OF PUBLIC ROADS.

**ABBREVIATIONS**

LSD	LEFT SIDE DITCH
RSD	RIGHT SIDE DITCH
LSDD	LEFT SURFACE DRAIN DITCH
RSDD	RIGHT SURFACE DRAIN DITCH
PG	PROFILE GRADE
NB OR N	NORTH BOUND LANE
SB OR S	SOUTH BOUND LANE

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED \_\_\_\_\_  
DISTRICT ENGINEER

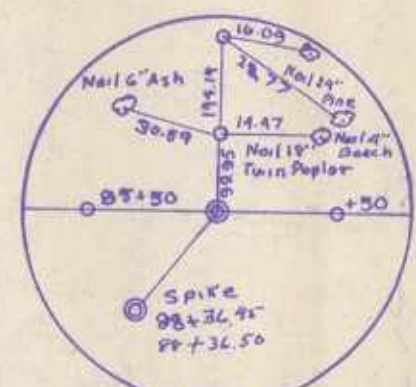
DATE \_\_\_\_\_

REVIEWED AND APPROVAL RECOMMENDED  
*W. A. Kollmer* 12/24/56  
ASST ENGINEER OF ROAD DESIGN

APPROVAL RECOMMENDED  
*C. A. Goldstein* 12/26/56  
ASSISTANT CHIEF ENGINEER - CONSTRUCTION

APPROVED  
*W. A. Kollmer*  
Dist. Chief Engineer, STATE ROADS COMMISSION

**MICROFILM**



Bench Mark \*10  
Spike in 8" Gum  
173' RT 87+85  
Elevation 38.19

Mason Springs

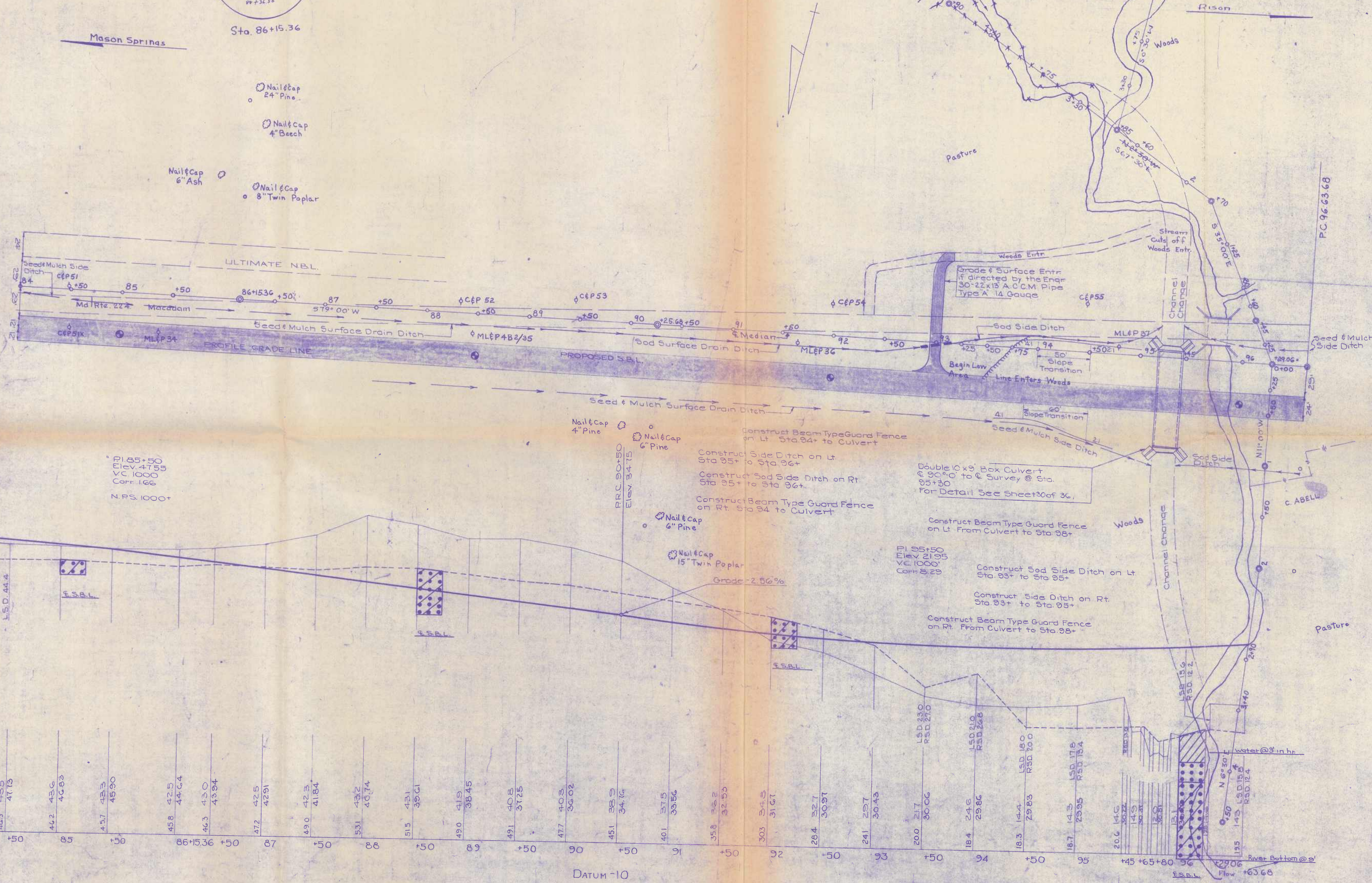
Sta. 86+15.36

Nail & Cap  
24" Pine

Nail & Cap  
4" Beech

Nail & Cap  
6" Ash

Nail & Cap  
8" Twin Poplar



FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.		13	36

QUANTITIES				
No.	ITEM	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
1	Surveying, Staking Lines & Grades	LS	LS	
2	Clearing & Grubbing	LS	LS	
3	Class #1 Excavation	CY	7576	
5	Class #2 Excavation	CY	225	
6	Class #3 Excavation	CY	780	
7	Class #4 Excavation	CY	300	
8	Class #5 Excavation	CY	2800	
9	Borrow Excavation	CY	See Gr Table	
13	Removal of Existing Masonry	LS	Lump Sum	
16	Stabilized Shoulders (Compacted Gravel)	SY	3370	
17	Gravel Base Course (3-4" Layers)	SY	3510	
18	Gravel Surface Course for Entrances, 6" Compacted Depth	SY	120	
21	Calcium Chloride	Ton	70	
25	1 1/2" Bit Conc. Bank Run Gravel Agg. Surface Course	Ton	296	
26	Bit Conc. Bank Run Gravel Agg. Leveling Course	Ton	94	
36	22"x13" Asphalt Coated Corr. Metal Arch Pipe 14 Gauge Type A	LF	30	
60	Class A Conc. Box Culvert, Double 10'x9'	LS	LS	
75	5 1/2" Beam Type Guard Fence	LF	450	
83	Maintenance of Traffic	LS	LS	
84	Placing Stock piled Topsoil, 2" Depth	SY	4699	
85	Seeding & Mulching	SY	4699	
86	Solid Seeding	SY	666	

SCALE PLAN: 1 IN. = 50 FT.  
PROFILE: HOR. 1 IN. = 50 FT.; VERT. 1 IN. = 10 FT.

REVISIONS
Revised - 4-29-57

STATE OF MARYLAND  
STATE ROADS COMMISSION  
DIVISION OF ROAD DESIGN  
MASON SPRINGS TOWNSHIP, RISON (MD. RTE 224)  
CONT. NO. CH-2972-520 F. A. P. NO. SHEET NO. 13 OF 36  
PREL. TRAC. BY Lindner 8-10-56 FINAL TRAC. BY Group A 12-26-56

MICROFILMED

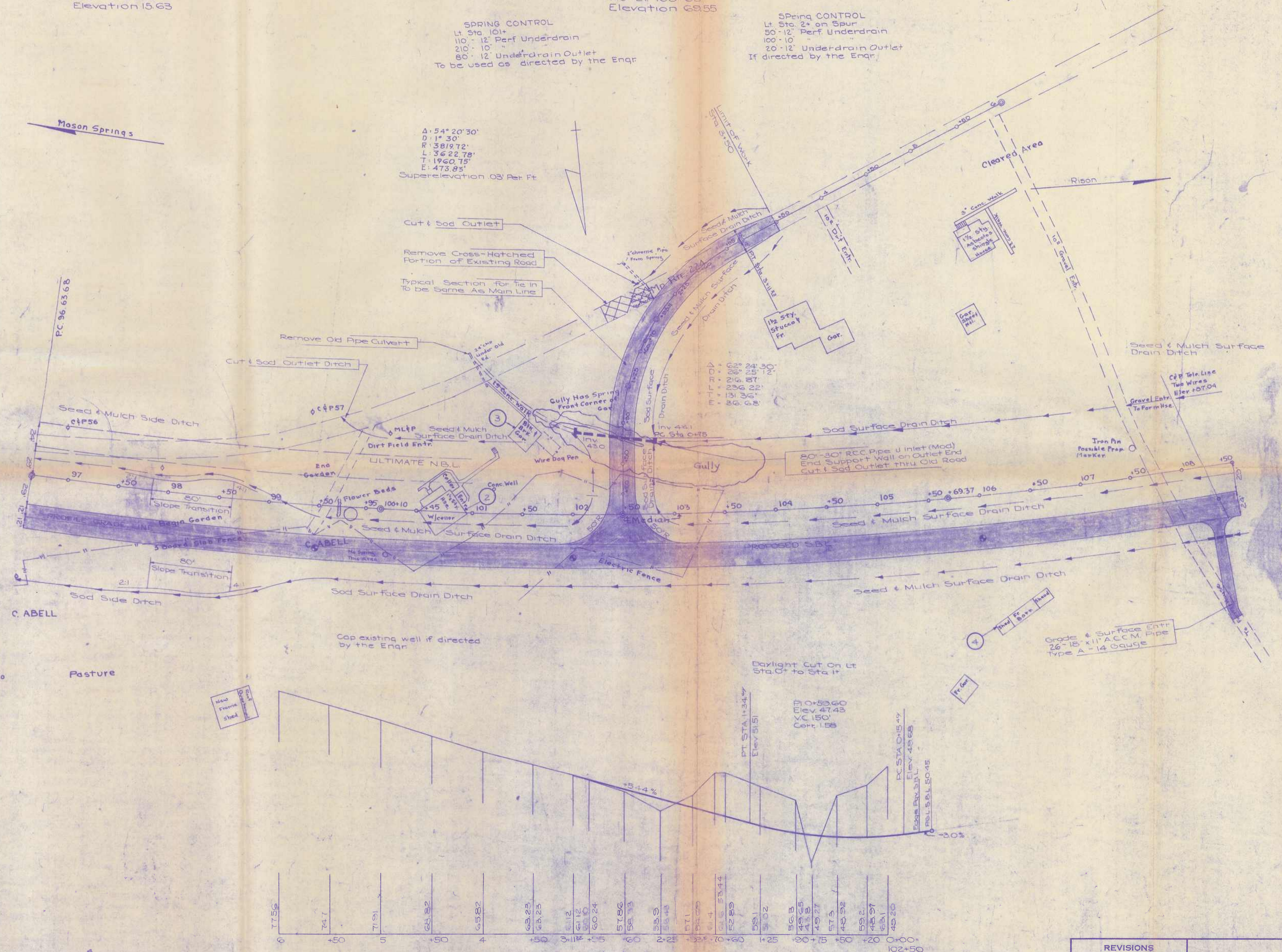
651

Bench Mark # 11  
Spike in 24" Elm  
150' RT 96+90  
Elevation 15.63

Bench Mark # 12  
Spike in 12" Oak  
175' LT 103+05  
Elevation 69.55

SPRING CONTROL  
Lt Sta 101+  
10' - 12" Perf Underdrain  
20' - 10"  
80' - 12" Underdrain Outlet  
To be used as directed by the Engr

SPRING CONTROL  
Lt Sta 2+ on Spur  
30' - 12" Perf Underdrain  
100' - 10"  
20' - 12" Underdrain Outlet  
If directed by the Engr.



QUANTITIES				
No.	ITEM	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
1	Surveying, Staking Lines & Grades	LS	LS	
2	Clearing & Grubbing	LS	LS	
3	Class #1 Excavation	CY	74.613	
5	Class #2 Excavation	CY	273	
6	Class #3 Excavation	CY	105	
9	Borrow Excavation	CY	See G-Table	
11	Removal of Existing Pavement	SY	100	
14	Removal & Disposal of Existing Buildings	LS	LS	
16	Stabilized Shoulders (6" Compacted Gravel)	SY	4088	
17	Gravel Base Course (3-4" Layers)	SY	4490	
18	Gravel Surf Course for Entry (6" Comp. Depth)	SY	88	
21	Calcium Chloride	Ton	8.7	
25	1/2" Bit Conc. Bank Run Gravel Agg. Surface Course	Ton	363	
26	Bit Conc. Bank Run Gravel Agg. Leveling Course	Ton	119	
29	30" Reinf. Conc. Pipe	LF	80	
35	18" x 11" Asph. Coated Corr. Metal Arch Pipe 14 Gauge, Type 'A'	LF	26	
40	Removal of Old Pipe Culverts (Any Size)	LF	38	
47	Std. End Support Wall (Endwall) for 30" Pipe	Ea.	1	
56	Type 'J' Inlet for 30" Pipe Vertical Depth	LF	30	
58	Std. Type 'J' Inlet, Grate & Fittings 6'-0" Length	Ea.	1	
69	Aggregate Back Fill for Underdrain	CY	65	
65	10" Perf. Pipe Underdrain	LF	310	
66	12" Perf. Pipe Underdrain	LF	160	
68	12" Pipe Underdrain Outlets	LF	100	
75	Std. Beam Type Guard Fence	LF	325	
82	Reinf. Patching Conc. Pavement 9" in Depth	SY	7	
83	Maintenance of Traffic	LS	LS	
84	Placing Stockpiled Topsoil, 2" Depth	SY	20,595	
85	Seeding & Mulching	SY	20,595	
86	Solid Sodding	SY	1,353	

MICROFILMED

SCALE PLAN: 1 IN. = 50 FT. PROFILE: HOR. 1 IN. = 50 FT.; VERT. 1 IN. = 10 FT.

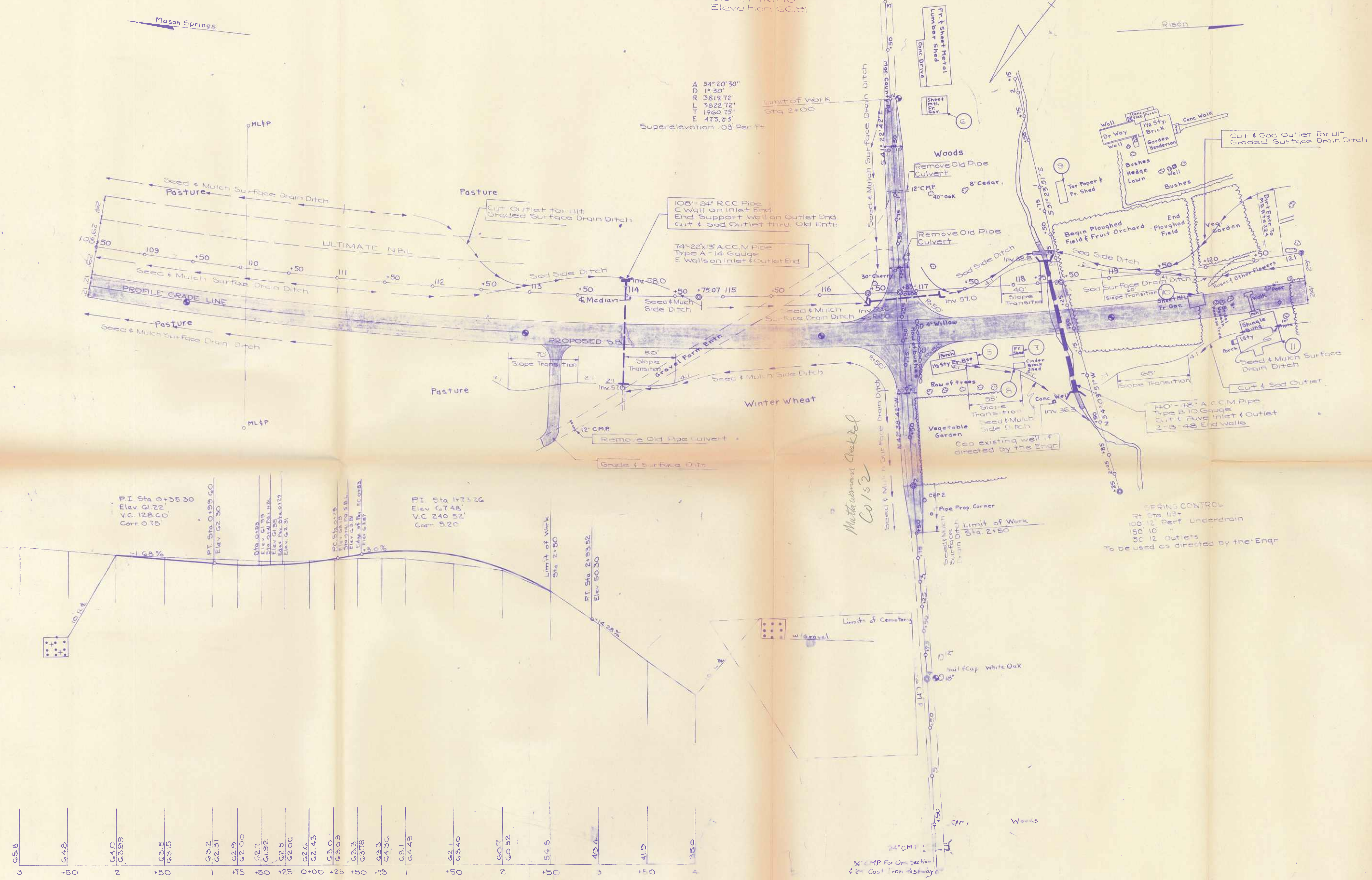
DATUM 30' SPUR LT STA. 102+50

REVISIONS

STATE OF MARYLAND  
STATE ROADS COMMISSION  
DIVISION OF ROAD DESIGN  
MASON SPRINGS TOWNSHIP RISEN (MD. RTE 224)  
CONT. NO. CH-297-2-520 F. A. P. NO. SHEET NO. 14 OF 36  
PREL. TRAC. BY Hubbard 8-10-56 FINAL TRAC. BY Group A 12-26-56

Bench Mark #13  
Spike in Pole  
310' LT 11670  
Elevation 66.91

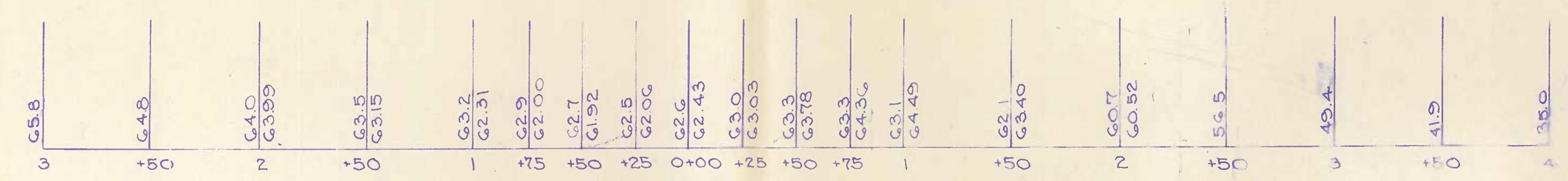
A 54°20'30"  
D 1°30"  
R 3619.72'  
L 3822.72'  
T 1960.75'  
E 473.83'  
Superelevation .03 Per Ft



PI Sta 0+35.30  
Elev G122'  
V.C. 128.60'  
Covr 0.75'

PT Sta 0+92.50  
Elev G2.30

PI Sta 1+73.26  
Elev G148'  
V.C. 240.52'  
Covr 5.20'



Datum O  
Rd. Spur Rt # Lt. Sta. 116+83=0+00

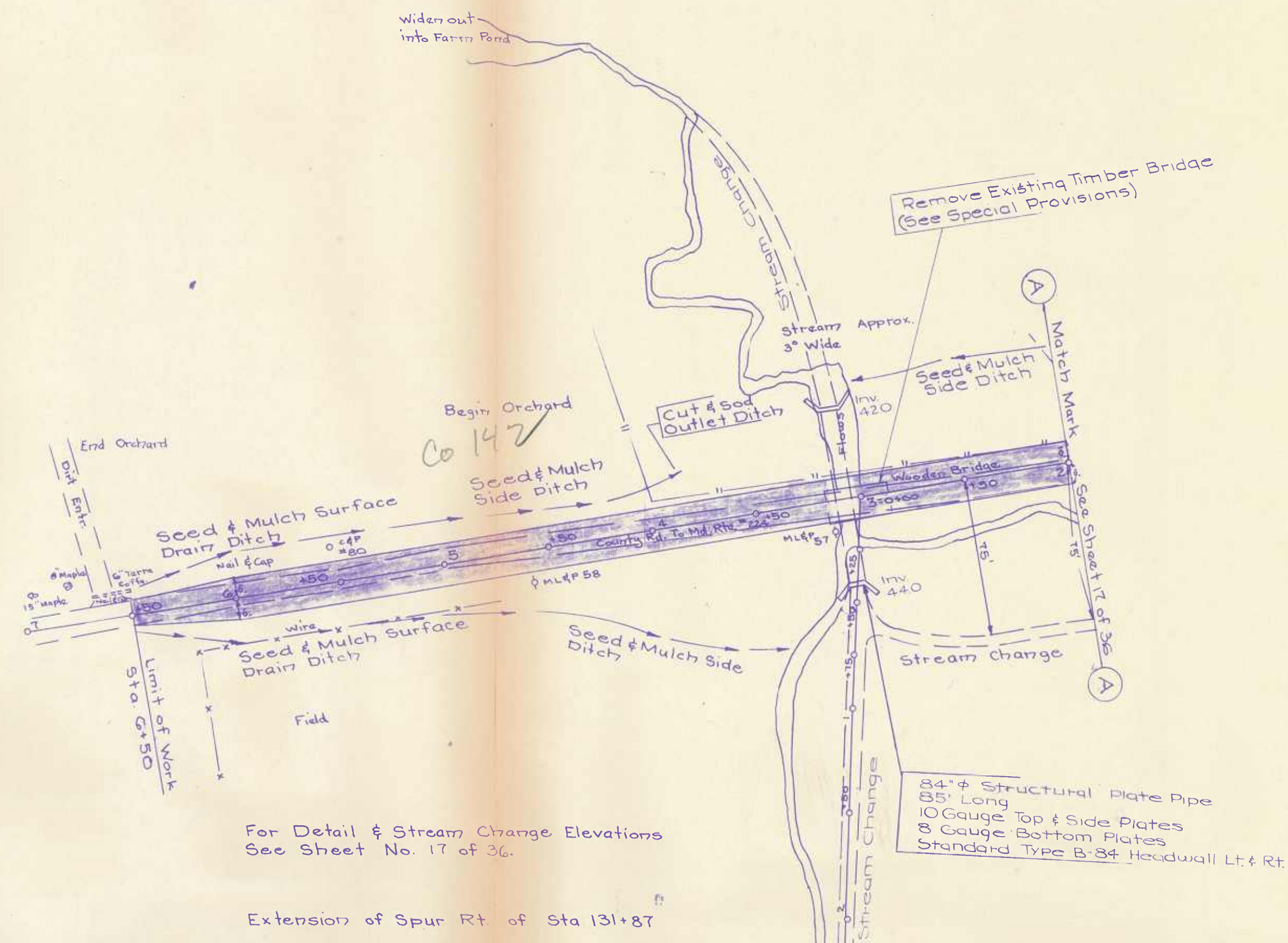
SCALE | PLAN 1 IN. = 50 FT.  
PROFILE HOR: 1 IN. = 50 FT.; VERT 1 IN. = 10 FT.

QUANTITIES				
No.	ITEM	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
1	Surveying, Staking Lines and Grades	LS	LS	
2	Clearing and Grubbing	LS	LS	
3	Class #1 Excavation	CY	24,109	
5	Class #2 Excavation	CY	279	
6	Class #3 Excavation	CY	56	
9	Borrow Excavation	CY	See G-Table	
14	Removal and Disposal of Existing Buildings	LS	LS	
16	Stabilized Shoulders, 6" Compacted Gravel	S.Y.	3141	
17	Gravel Base Course, 3-4" Layers	S.Y.	3444	
18	Gravel Surface Course for Entrances, 6" Compacted Depth	S.Y.	403	
19	Gravel Surface Course for Road Approaches, 2" Comp. Depth	S.Y.	1305	
21	Calcium Chloride	Ton	8.1	
25	1-1/2" Bit Conc. Bank Run Gravel Agg. Surface Course	Ton	388	
26	8" Bit Conc. Bank Run Gravel Agg. Leveling Course	Ton	127	
28	24" Reinforced Conc. Pipe	L.F.	108	
34	48" Asph. Coated Cor. Metal Pipe, 10 Ga. Type B	L.F.	140	
36	22"x13" Asph. Coated Cor. Metal Arch Pipe, 14 Gauge Type A	L.F.	74	
40	Removal of Old Pipe Culverts (any size)	L.F.	60	
42	Std. C Wall (Endwall) for 24" Pipe	Eq	1	
46	Std. End Support Wall (Endwall) for 24" Pipe	Eq	1	
50	Std. B Wall (Endwall) for 48" Pipe	Eq	2	
53	Class P-1 Concrete	CY	2.30	
69	Agg. Backfill for Underdrain	CY	36	
65	10" Perforated Pipe Underdrain	L.F.	150	
66	12" Perforated Pipe Underdrain	L.F.	100	
68	12" Pipe Underdrain Outlets	L.F.	50	
70	3" Concrete Gutter	S.Y.	37	
75	Std. Beam Type Guard Fence	L.F.	425	
82	Reinforced Patching Conc. Pavement 9" in Depth	S.Y.	7	
83	Maintenance of Traffic	LS	LS	
84	Placing Stockpiled Top Soil, 2" Depth	S.Y.	10,984	
85	Seeding & Mulching	S.Y.	10,984	
86	Solid Sodding	S.Y.	693	

REVISIONS	STATE OF MARYLAND STATE ROADS COMMISSION DIVISION OF ROAD DESIGN	
	MASON SPRINGS TWDS RISON (MD. RTE. 224)	
	CONT. NO. CH-297-2-520	F. A. P. NO. SHEET NO. 15 OF 36
	PREL. TRAC. BY Hubbard B. B. et al	FINAL TRAC. BY Group 4 12-26-54

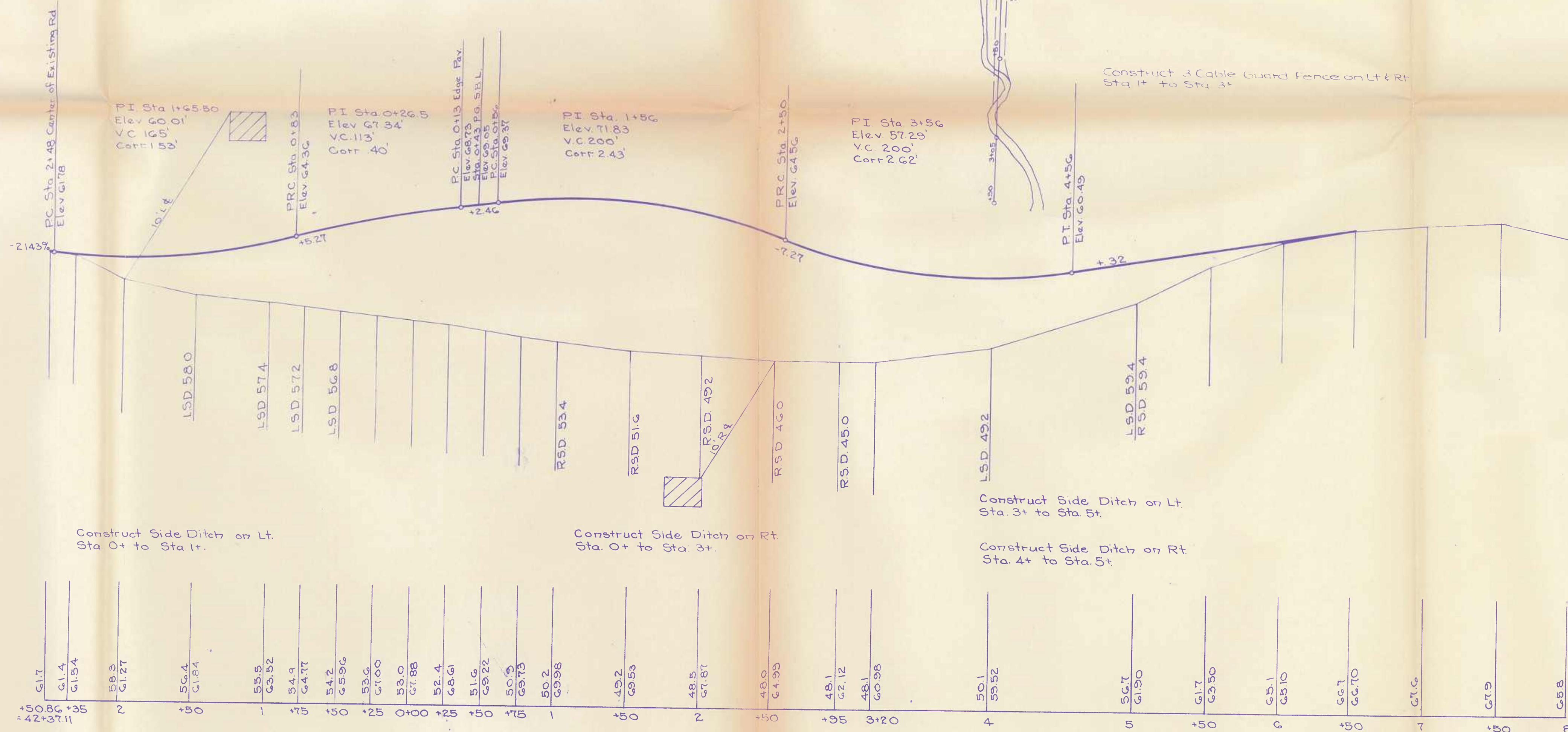
MICROFILMED





For Detail & Stream Change Elevations See Sheet No. 17 of 36.

Extension of Spur Rt of Sta 131+87



SCALE: PLAN: 1 IN. = 50 FT. PROFILE: HOR. 1 IN. = 50 FT., VERT. 1 IN. = 10 FT.

Datum 0  
Rd. Spur Lt & Rt of Sta 131+87+0+00  
See Sheet 12 for Topo

REVISIONS

STATE OF MARYLAND  
STATE ROADS COMMISSION  
DIVISION OF ROAD DESIGN  
MASON SPRINGS TWDS RISON (MD. RTE. 224)

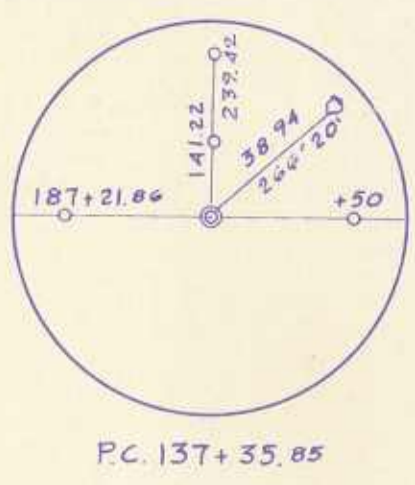
CONT. NO. CH-297-2-520 F. A. P. NO. SHEET NO. 18 OF 36  
PREL. TRAC. BY \_\_\_\_\_ FINAL TRAC. BY Group-4 12-26-56

MICROFILMED

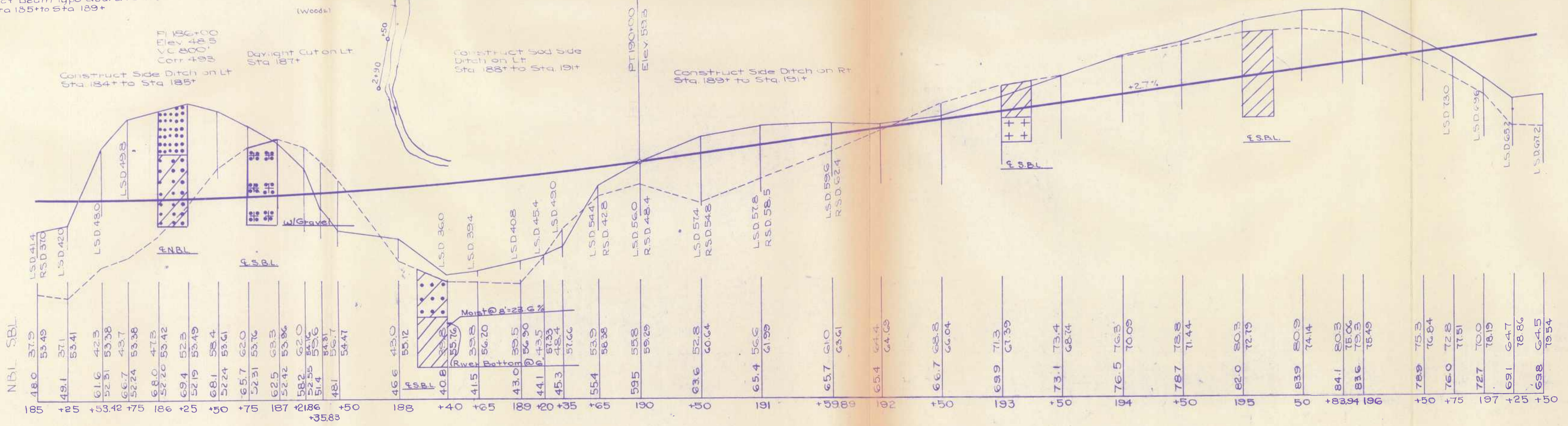
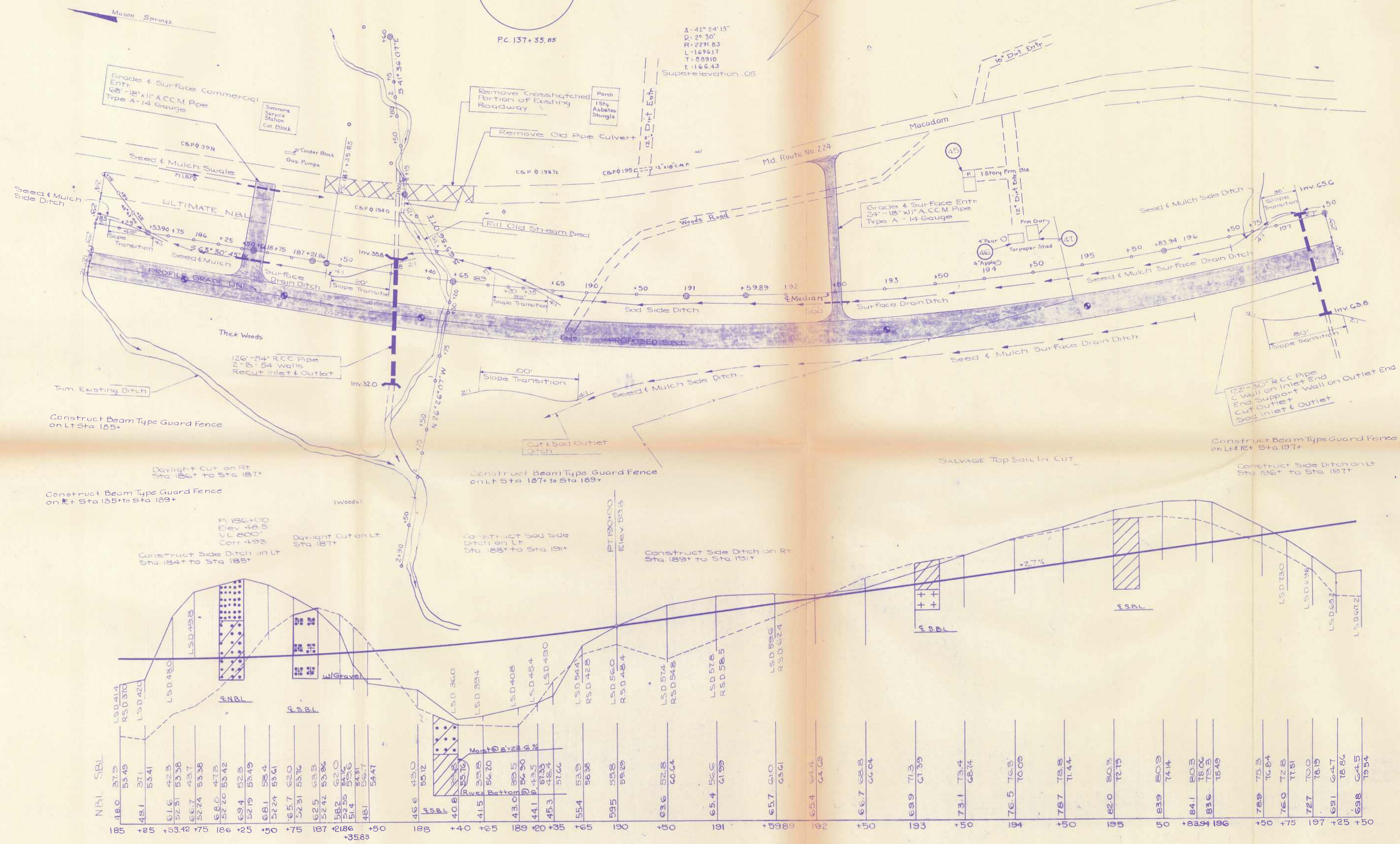


Note: Between Sta 185+ to 187+ Construct \* Seed & Mulch Swale Between Old Road and Graded Section of North Bound Lane

Bench Mark #22  
S.R.C. Spike in 16" Pipe  
222.5' Lt. of STA. 194+42  
Elevation 82.87



A = 42° 24' 15"  
D = 2° 30'  
R = 2291.83  
L = 1696.17  
T = 889.10  
E = 166.43  
Superelevation .05



QUANTITIES				
No.	ITEM	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
1	Surveying, Staking Lines and Grades	L.S.	L.S.	
2	Clearing and Grubbing	L.S.	L.S.	
3	Class 1' Excavation	C.Y.	14,199	
5	Class 2' Excavation	C.Y.	464	
9	Borrow Excavation	C.Y.	See Grading Table	
10	Trimming Existing Ditches	L.F.	300	
11	Removal of Existing Pav.	S.Y.	300	
14	Removal and Disposal of Existing Buildings	L.S.	L.S.	
16	Stabilized Shoulders (6" Compacted Gravel)	S.Y.	3333	
17	Gravel Base Course (3-4 Layers)	S.Y.	3,472	
18	Gravel Surface Course for Entr's (6" Compacted Depth)	S.Y.	358	
21	Calcium Chloride	Ton	69	
25	1/2" Bit. Conc. Bank Run Gravel Agg. Surface Course	Ton	283	
26	Bit. Conc. Bank Run Gravel Agg. Leveling Course	Ton	93	
29	30" Reinforced Conc. Pipe	L.F.	122	
33	54" Reinforced Conc. Pipe	L.F.	126	
35	18" x 18" Asph. Coated Cor. Met Arch Pipe (14 Gauge Type A)	L.F.	92	
40	Removal of Old Pipe Culvert	L.F.	32	
43	Standard C Wall (Endwall) For (30" Pipe)	Ea.	1	
47	Standard End Support Wall (Endwall) For (30" Pipe)	Ea.	1	
51	Standard 'B' Wall (Endwall) For (30" Pipe)	Ea.	2	
75	Standard Beam Type Guard Fence	L.F.	775	
83	Maintenance of Traffic	L.S.	L.S.	
84	Placing Stockpiled Topsoil, 2" Depth	S.Y.	6611	
85	Seeding and Mulching	S.Y.	6611	
86	Solid Sodding	S.Y.	605	

MICROFILMED

STATE OF MARYLAND  
STATE ROADS COMMISSION  
DIVISION OF ROAD DESIGN  
MASON SPRINGS TWDS RISON (MD. RTE. 224)

CONT. No. CH-297-2-520 F. A. P. No. SHEET No. 23 OF 36  
PREL. TRAC. BY: FINAL TRAC. BY: Group 4-12-26-56

SCALE PLAN: 1 IN. = 50 FT.  
PROFILE: HOR. 1 IN. = 50 FT. VERT. 1 IN. = 10 FT.

DATUM 20

Bench Mark #23  
S.R.C. Spike in Roof of 16" Oak  
20.3' Lt. of Sta. 1+68  
Elevation 115.64

Spring Control Rt Sta 198+  
110' - 12" Perforated Underdrain  
240' - 10" Perforated Underdrain  
50' - 12" Underdrain Outlets  
To be used as directed by the Engineer

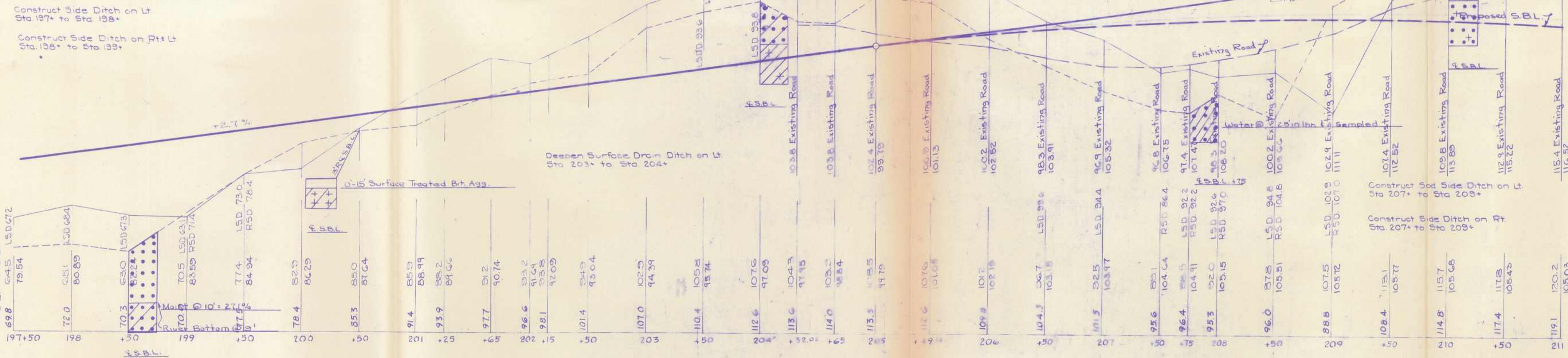
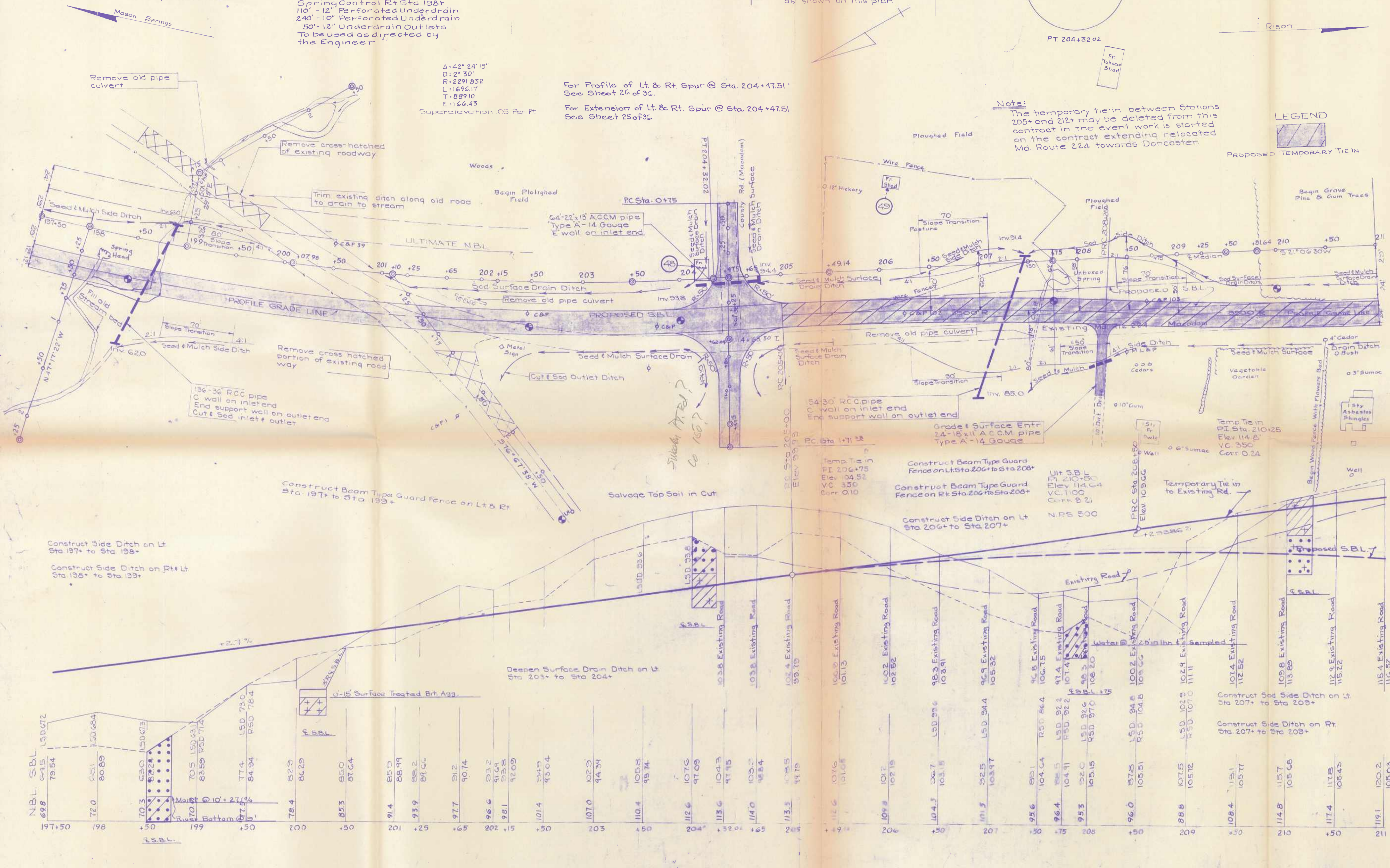
$\Delta = 42^\circ 24' 15"$   
 $D = 2' 30"$   
 $R = 2291.832$   
 $L = 1696.17$   
 $T = 889.10$   
 $E = 166.43$   
Superelevation .05 Per Ft

For Profile of Lt. & Rt. Spur @ Sta. 204+41.51  
See Sheet 26 of 36.  
For Extension of Lt. & Rt. Spur @ Sta. 204+47.51  
See Sheet 25 of 36.

Spring Control on Rt Sta 207+  
110' - 12" Perforated Underdrain  
240' - 10" Perforated Underdrain  
50' - 12" Underdrain Outlets  
To be used as Directed by the Engineer

QUANTITIES

NO.	ITEM	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
1	Surveying, Staking Lines and Grades	L.S.	L.S.	
2	Clearing and Grubbing	L.S.	L.S.	
3	Class 1' Excavation	C.Y.	23,175	
5	Class 2' Excavation	C.Y.	488	
6	Class 3' Excavation	C.Y.	72	
9	Borrow Excavation	C.Y.	See Grading Table	
10	Trimming Existing Ditches	C.Y.	110	
11	Removal of Existing Pav.	S.Y.	678	
14	Removal and Disposal of Existing Buildings	L.S.	L.S.	
16	Stabilized Shoulders (6" Compacted Gravel)	S.Y.	1808	
17	Gravel Base Course (3-4" Layers)	S.Y.	2056	
18	Gravel Surface Course for Entrs (6" Compacted Depth)	S.Y.	111	
19	Gravel Surface Course for Rd Approaches, 8" Comp. Depth	S.Y.	2924	
21	Calcium Chloride	Ton	69	
25	1 1/2" Bit Conc. Bank Run Gravel Agg. Surface Course	Ton	406	
26	Bit Conc. Bank Run Gravel Agg. Leveling Course	Ton	133	
29	30" Reinforced conc. Pipe	L.F.	80	
30	36" Reinforced Conc. Pipe	L.F.	136	
35	18"x18" Asph. Coated Corr. Met. Arch Pipe (14 Gauge Type A)	L.F.	24	
36	22"x18" Asph. Coated Corr. Met. Arch Pipe (14 Gauge Type A)	L.F.	64	
40	Removal of Old Pipe Cul. (any size)	L.F.	98	
44	Standard C Wall (Endwall) For (36" Pipe)	Ea.	1	
48	Standard End Support Wall (Endwall) For (36" Pipe)	Ea.	1	
53	Class 'P-1' Conc.	C.Y.	1.14	
65	10" Perforated Pipe Underdrain	L.F.	240	
66	12" Perf. Pipe Underdrain	L.F.	110	
69	Agg. Backfill for Underdrains	C.Y.	47	
68	12" Pipe Underdrain Outlets	L.F.	50	
75	Standard Beam Type Guard Fence	L.F.	350	
76	3 Cable Guard Rail using Steel Posts	L.F.	350	
78	End Anchors for 3 Cable Guard Rail using Steel Posts	Ea.	4	
82	Reinforced Patching Conc. Pav. 5" in depth	S.Y.	7	
83	Maintenance of Traffic	L.S.	L.S.	
84	Placing stockpiled Topsoil, 2" Depth	S.Y.	7261	
85	Seeding and Mulching	S.Y.	7261	
86	Solid Sodding	S.Y.	447	



SCALE PLAN: 1 IN. = 50 FT.  
PROFILE: HOR. 1 IN. = 50 FT. VERT. 1 IN. = 10 FT.

MICROFILMED

REVISIONS

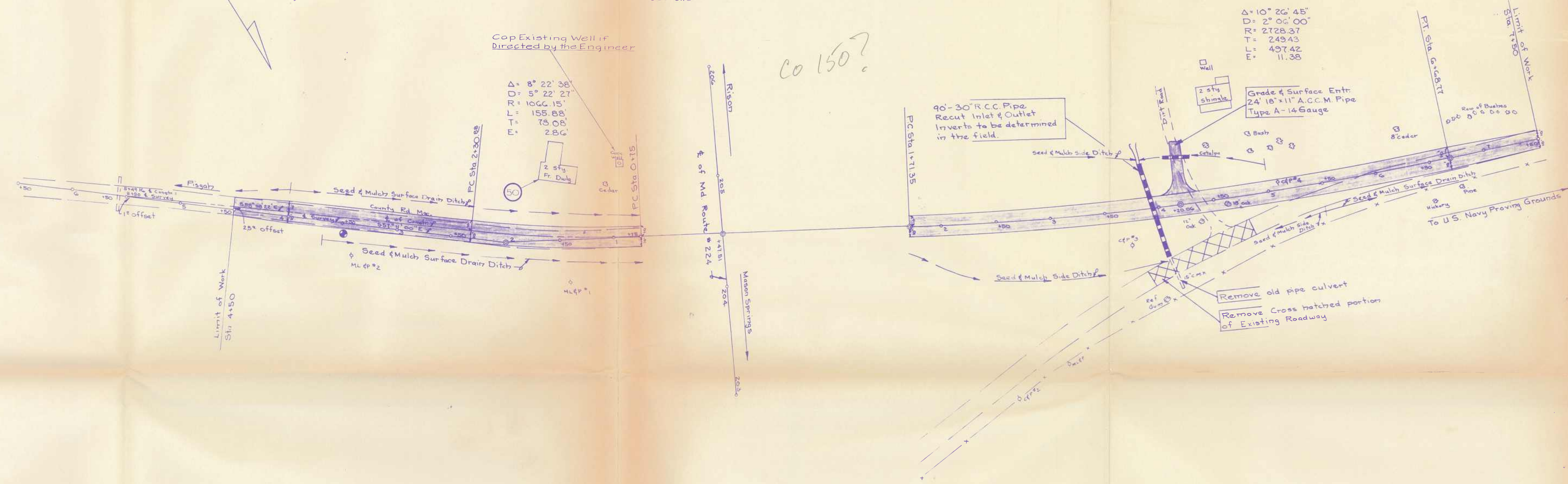
STATE OF MARYLAND  
STATE ROADS COMMISSION  
DIVISION OF ROAD DESIGN  
MASON SPRINGS TWDs RISON (MD. RTE 224)

CONT. NO. CH: 297-2-520 F. A. P. NO. SHEET NO. 24 of 36  
PREL. TRAC. BY: FINAL TRAC. BY: Group 4-12-26-56

For Profile of Lt & Rt Spur @ Sta. 204+47.51  
See Sheet 26 of 36.

For Beginning of Lt & Rt Spur @ Sta. 204+47.51  
See Sheet 24 of 36.

Co 150?



Δ = 10° 26' 45"  
D = 2° 06' 00"  
R = 2728.37  
L = 249.43  
T = 497.42  
E = 11.38

Quantities for Road Spur  
Included on Sheet 24 of 36

SCALE PLAN: 1 IN. = 50 FT.  
PROFILE: HOR. 1 IN. = 50 FT.; VERT. 1 IN. = 10 FT.

MICROFILMED

REVISIONS	STATE OF MARYLAND STATE ROADS COMMISSION DIVISION OF ROAD DESIGN MASON SPRINGS TWDS RISON (MD.RTE 224)
	CONT. NO. CH-297-2-520 F. A. P. NO. SHEET NO. 25 OF 36 PREL. TRAC. BY _____ FINAL TRAC. BY GROUP 4122656

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