STANDARD PROFILE PLATE A. 4 X 20.
KEUFFEL & ESSER Cº NEW YORK.

MOLE LAKE - JENNINGS ROAD ○ SHEET No.
APPLICATION No. JOB No.

GRADE SHEET — SLOPE STAKES

Stake No. 1.	Dist. Stake to new ctr. line of road. 2.	Dist. ctr. of new subgrade above or below top of stk. 3	Cut or Fill. 4.	Elevation top of stake. 5.	Dist. from new ctr. line to slope stakes: Left of ctr. 6.	Dist. from new ctr. line to slope stakes: Right of ctr. 7.
87	25.0'	BELOW 1.2'	CUT 0.4	92.03	C1.4 16.9	C2.1 17.6
88	25.0'	" 2.0'	" 0.6	92.45	C2.0 17.5	C1.4 16.9
89	25.0'	" 3.2'	GRADE	92.61	C3.4 18.9	C1.3 16.8
90	25.0'	" 1.6'	FILL 1.6	89.91	F1.4 13.8	C0.4 15.9
91	25.0'	ABOVE 1.8'	" 1.2	86.67	F2.2 14.7	F1.5 13.7
92	25.0'	BELOW 0.8'	CUT 0.4	90.11	C1.7 17.2	C2.4 17.9
93	25.0'	" 0.6'	GRADE	89.62	C1.3 16.8	C1.3 16.8
94	25.0'	" 0.2'	FILL 0.6	87.65	C0.6 16.1	C0.9 16.4
+50	25.0'	ABOVE 0.2'	" 0.2	86.19	C0.4 15.9	F0.3 11.6
95	25.0'	BELOW 0.7'	" 1.0	86.37	C1.1 16.6	C1.0 16.5
+50	25.0'	" 0.5'	" 0.2	86.25	C1.5 17.0	C1.0 16.5
96	25.0'	" 0.3'	" 0.4	86.69	C1.3 16.8	F0.6 12.4
97	25.0'	" 1.6'	" 0.2	89.58	C1.7 17.2	F0.9 12.9
+25.5	25.0'		" 0.6		C2.1 17.6	F2.3 14.8
+50	25.0'	" 1.9'	" 0.2	90.39	C2.0 17.5	F0.8 12.7
98	25.0'	" 1.1'	GRADE	90.12	C1.6 17.1	C1.1 16.6
+50	25.0'	" 0.5'	FILL 0.1	89.73	C1.3 16.8	C1.0 16.5
99	25.0'	" 0.4'	" 0.5	89.74	C0.8 16.3	C0.7 16.2
+50	25.0'	" 0.5'	" 0.3	89.74	C1.0 16.5	C0.7 16.2
100	23.0'	" 0.3'	" 0.1	89.54	C1.1 16.6	F0.9 12.8
+29.9	22.0'	" 0.4'	" 0.5	89.53	C0.9 16.4	F0.7 12.5
101	28.7'	" 1.5'	CUT 0.5	90.28	C1.5 17.0	F4.4 18.0
102	18.8'	" 0.9'	FILL 0.2	89.73	C1.3 16.8	F0.5 12.2
103	20.0'	" 0.7'	" 0.3	89.52	C1.5 17.0	C0.6 16.1
104	36.9'	ABOVE 0.9'	" 0.4	87.85	C1.3 16.8	F1.0 13.0
105	33.8'	" 0.8'	CUT 0.4	87.85	C1.5 17.0	C1.0 16.5
106	35.7'	" 1.0'	FILL 0.7	87.62	C0.3 16.8	C0.7 16.2
107	39.5'	BELOW 1.0'	CUT 0.1	87.54	C1.4 16.9	C1.0 16.5
108	25.0'	ABOVE 0.5'	" 0.2	87.68	C1.8 17.3	C1.3 16.8
109	25.0'	BELOW 1.8'	" 1.9	89.02	C2.5 18.0	C2.0 17.5
110	25.0'	ABOVE 2.5'	FILL 0.4	83.52	F4.2 17.8	F1.8 14.1
111	25.0'	" 1.5'	" 0.8	83.72	F3.7 17.0	F1.2 13.3
112	25.0'	" 2.4'	" 0.6	82.55	C0.0 17.0	F3.0 16.0
113	25.0'	" 1.5'	CUT 1.6	83.39	F1.7 14.0	C1.0 16.5
114	25.0'	BELOW 2.5'	" 0.9	87.29	C2.4 17.9	C1.6 17.1
115	25.0'	" 0.2'	FILL 0.5	84.50	C3.7 19.2	C0.6 16.1
116	25.0'	ABOVE 0.6'	" 0.4	83.16	C1.7 17.2	C0.4 15.9
117	30.0'	BELOW 1.5'	" 0.9	84.81	C1.2 16.7	C0.5 16.0
118	25.0'	" 1.0'	" 0.1	83.78	C1.5 17.0	C0.7 16.2

NOTE:- In grading, check height of finished grade by Col. # 3 of the Grade Sheet which shows the height the new subgrade is above or below the top of the station stake

In setting slope stakes face direction in which station numbers increase.

PLAN AND PROFILE OF THE MOLE LAKE - JENNINGS ROAD.

COUNTY OF FOREST

TOWN OF NASHVILLE
Section ;Town ;Range .
Commencing

ESTIMATE OF QUANTITIES

New Right of Way		Acres.
Clearing and Grubbing		Acres.
Excavation	Ditching	Cu. Yds.
	Earth	Cu. Yds.
	Loose Rock	Cu. Yds.
	Solid Rock	Cu. Yds.
	Borrow	Cu. Yds.
Culverts -	Concrete -- Class 'A'	Cu. Yds.
	Steel	Pounds.
Bridges	See Special Plans.	
Guard Fence		Lin. Ft.
	Surfacing	Yds.

SURVEYS AND PLANS
MADE BY THE
WISCONSIN HIGHWAY COMMISSION.
Madison, Wisconsin.

Surveyed:-
Surveyed by:-
Drawn by:-
Computed by:-
Checked by:-
Note Book No:-
Horizontal Scale 1"=80'
Vertical Scale - 1"=8'.

Recommended for Approval:-

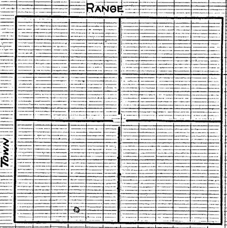
Division Engineer.

Approved:-

State Highway Engineer.

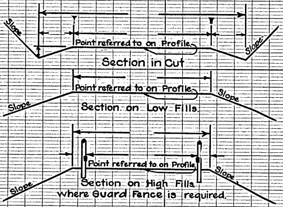
—LEGEND—

Reference Stakes	⟶ •
Present Travelled Way	- - - - - - - -
New Center Line	- - - - - - - -
Profile of Present Centers	━━━━━━━━
Profile Centers New Subgrade	━━━━━━━━
Fence Lines	——— · ——— · —
New Right of Way Lines	————————
Railways	▬▭▬▭▬
Telephone and Telegraph Poles	● ● ● ● ● ●
Marsh	⁂ ⁂ ⁂
Timber	❀ ❀ ❀ ❀



LOCATION DIAGRAM

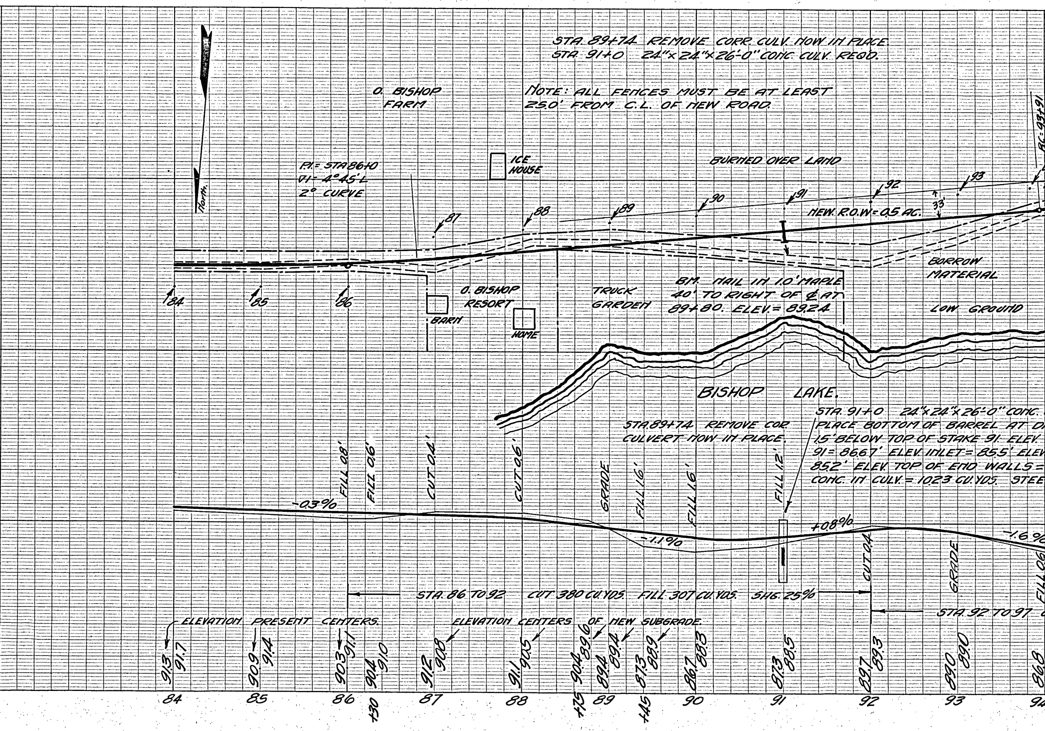
CROSS SECTIONS

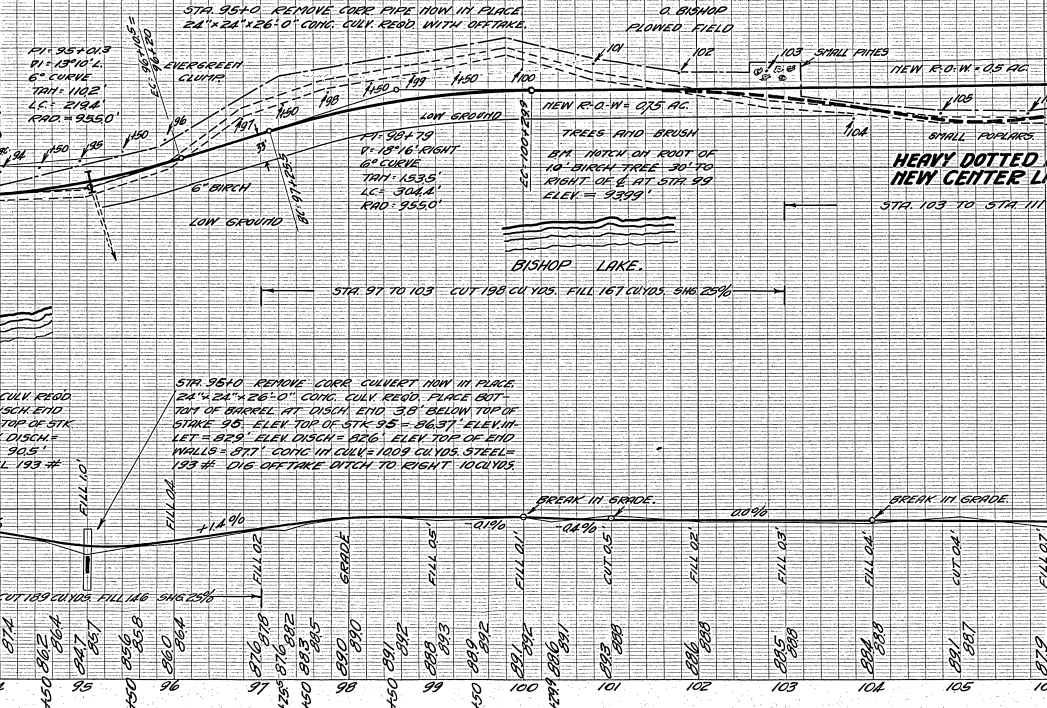

Slope
Point referred to on Profile
Slope
Section in Cut
Slope
Point referred to on Profile
Slope
Section on Low Fills.
Slope
Point referred to on Profile
Slope
Section on High Fills
where Guard Fence is required.

Sections showing finished road.

APPLICATION No.
DIVISION JOB No.
○ SHEET No.
TRUNK
Between Mile and Mile

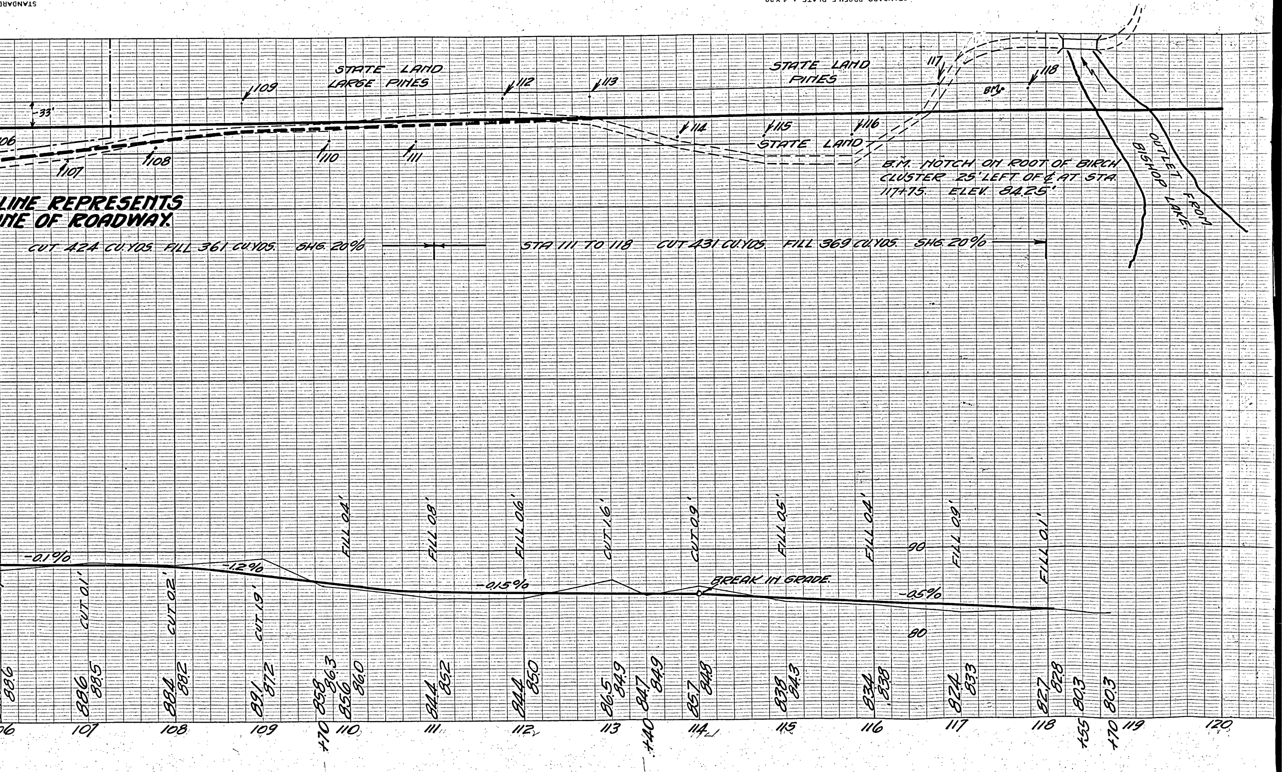
NOTE:- Culverts at all private entrances must be provided by property owner or the ditch kept open. (Section 1326- Wisconsin Statutes)


STA. 89+74 REMOVE CORR. CULV. NOW IN PLACE.
STA. 91+0 24"x24"x26'-0" CONC. CULV. REQD.
NOTE: ALL FENCES MUST BE AT LEAST
25.0' FROM C.L. OF NEW ROAD.
O. BISHOP
FARM
ICE
HOUSE
BURNED OVER LAND
AC: 93+91
North
P.I. = STA 86+0
Δ1 = 4°45' L
2° CURVE
87
88
89
90
91
92
93
33'
NEW R.O.W. = 0.5 AC.
BORROW
MATERIAL
84
85
86
O. BISHOP
RESORT
BARN
HOME
TRUCK
GARDEN
B.M. NAIL IN 1.0' MAPLE
40' TO RIGHT OF ℄ AT
89+80. ELEV. = 89.24
LOW GROUND
BISHOP LAKE.
STA. 89+74 REMOVE COR.
CULVERT NOW IN PLACE.
STA. 91+0 24"x24"x26'-0" CONC.
PLACE BOTTOM OF BARREL AT O
1.5' BELOW TOP OF STAKE 91. ELEV.
91 = 86.67' ELEV. INLET = 85.5' ELEV
85.2' ELEV. TOP OF END WALLS =
CONC. IN CULV. = 10.23 CU. YDS. STEE
FILL 0.8'
FILL 0.6'
CUT 0.4'
CUT 0.6'
GRADE
FILL 1.6'
FILL 1.6'
FILL 1.2'
CUT 0.4
GRADE
FILL 0.
-0.3%
-1.1%
+0.8%
-1.6%
STA. 86 TO 92 CUT 380 CU. YDS. FILL 307 CU. YDS. SHG. 25%
STA. 92 TO 97
ELEVATION PRESENT CENTERS.
ELEVATION CENTERS OF NEW SUBGRADE.
91.3 91.7
90.9 91.4
90.3 91.1
90.4 91.0
91.2 90.8
91.1 90.5
90.4 89.6
89.4 89.4
87.3 88.9
86.7 88.3
87.3 88.5
89.7 89.3
89.0 89.0
86.8
84
85
86
+30
87
88
+75
89
+45
90
91
92
93
94



STA. 95+0 REMOVE CORR. PIPE NOW IN PLACE.
24"×24"×26'-0" CONC. CULV. REQ'D. WITH OFFTAKE.
O. BISHOP
PLOWED FIELD
PI = 95+01.3
ΔI = 13°10' L.
6° CURVE
TAN = 110.2'
L.C. = 219.4'
RAD. = 955.0'
EC = 96+10.5 = 96+20
EVERGREEN CLUMP.
94
+50
95
+50
96
97
+50
98
+50
99
+50
100
101
102
103
104
105
SMALL PINES
NEW R-O-W. = 0.5 AC.
NEW R-O-W = 0.75 AC.
LOW GROUND
33'
EC = 100+29.9
TREES AND BRUSH
SMALL POPLARS.
PI = 98+79
Δ = 18°16' RIGHT
6° CURVE
TAN = 153.5'
LC = 304.4'
RAD = 955.0'
BC = 97+25.5
6" BIRCH
LOW GROUND
BM. NOTCH ON ROOT OF 1.0' BIRCH TREE 30' TO RIGHT OF ℄ AT STA. 99 ELEV. = 93.99'
HEAVY DOTTED
NEW CENTER L
STA. 103 TO STA. 111
BISHOP LAKE.
STA. 97 TO 103 CUT 198 CU. YDS. FILL 167 CU. YDS. SHG. 25%
CULV. REQ'D.
SCH. END
TOP OF STK.
DISCH. =
90.5'
L 193 #
STA. 95+0 REMOVE CORR. CULVERT NOW IN PLACE. 24"×24"×26'-0" CONC. CULV. REQ'D. PLACE BOTTOM OF BARREL AT DISCH. END 3.8' BELOW TOP OF STAKE 95. ELEV. TOP OF STK 95 = 86.37' ELEV. INLET = 82.9' ELEV. DISCH = 82.6' ELEV. TOP OF END WALLS = 87.7' CONC. IN CULV. = 10.09 CU. YDS. STEEL = 193 # DIG OFFTAKE DITCH TO RIGHT 10 CU. YDS.
FILL 1.0'
FILL 0.4'
+1.4%
FILL 0.2'
GRADE
FILL 0.5'
-0.1%
FILL 0.1'
BREAK IN GRADE.
-0.4%
CUT 0.5'
FILL 0.2'
0.0%
FILL 0.3'
BREAK IN GRADE.
FILL 0.4'
CUT 0.4'
FILL 0.7'
CUT 189 CU. YDS. FILL 146 SHG. 25%
87.4
86.2 86.4
84.7 85.7
85.6 85.8
86.0 86.4
87.6 87.8
87.6 88.2
88.3 88.5
89.0 89.0
89.1 89.2
88.8 89.3
88.9 89.2
89.1 89.2
88.6 89.1
89.3 88.8
88.6 88.8
88.5 88.8
88.4 88.8
89.1 88.7
87.9
+50
95
+50
96
97
+25.5
+50
98
+50
99
+50
100
+29.9
101
102
103
104
105

STANDARD PROFILE PLATE A.4X20.
KEUFFEL & ESSER Cº NEW YORK.


STATE LAND
LARGE PINES
STATE LAND
PINES
STATE LAND
33'
106
107
108
109
110
111
112
113
114
115
116
117
118
BM
B.M. NOTCH ON ROOT OF BIRCH
CLUSTER 25' LEFT OF ℄ AT STA.
117+75. ELEV. 84.25'
OUTLET FROM
BISHOP LAKE
LINE REPRESENTS
NE OF ROADWAY.
CUT 424 CU.YDS. FILL 361 CU.YDS. SHG. 20%
STA 111 TO 118 CUT 431 CU.YDS. FILL 369 CU.YDS. SHG. 20%
-0.1%
-1.2%
-0.15%
-0.5%
BREAK IN GRADE.
90
80
CUT 0.1'
CUT 0.2'
CUT 1.9'
FILL 0.4'
FILL 0.8'
FILL 0.6'
CUT 1.6'
CUT 0.9'
FILL 0.5'
FILL 0.4'
FILL 0.9'
FILL 0.1'
88.6
88.6
88.5
88.4
88.2
89.1
87.2
85.8
86.3
85.6
86.0
84.4
85.2
84.4
85.0
86.5
84.9
84.7
84.9
85.7
84.8
83.8
84.3
83.4
83.8
82.4
83.3
82.7
82.8
80.3
80.3
06
107
108
109
+70
110
111
112
113
+40
114
115
116
117
118
+55
+70
119
120