AUTH.	DATE	REVISION
		FINAL R. O. W.

BM No 95 El. 964.39
PK Nail, Tag (M.St.H.)
& Washer on SW.
Root of 10" Hemlock,
122' Rt. of Sta 765+
82

Curve Data
Δ - 24°39'00" Rt
D - 6°00'
R - 955.37'
T - 209.75'
L - 410.8'
E - 22.5'
PC Sta. 762+61.8
PI Sta. 766+70.5
PT Sta. 768+72.6

PI Sta. 766+70.5
1" Pipe
S 22°E 79.70' 7" Heml.
S 25°W 79.19' 20" Tw. H.
S 15°W 45.16' 9" Heml.

BM No 96, El. 963.30
PK Nail, Tag (M.St.H.)
& Washer on S. Root
of 12" Hemlock, 77'
Rt. of Sta. 772+62.

Curve Data
Δ - 42°45'30" Lt.
D - 6°00'
R - 955.37'
T - 374.0'
L - 712.6'
E - 70.6'
PC Sta. 770+41.9
PI Sta. 774+15.9
PT Sta. 777+54.5

PI Sta. 774+15.9
1" Pipe
N 03°E 99.5' 20" Hem.
N 45°E 28.21' 11" Heml.
N 73°E 34.75' 9" Heml.

BM No 97, El. 951.79
PK Nail, Tag (M.St.H.)
& Washer on SE Root
of 24" Hemlock, 86'
Rt. of Sta. 780+72

POT Sta. 781+22.1
1" Pipe
S 20°E 76.45' 15" Maple
S 02°E 82.32' 15" Heml.
S 25°W 69.02' 12" Heml.

Curve Data
Δ - 07°24'00" Lt.
D - 3°00'
R - 1910.08'
T - 123.5'
L - 246.7'
E - 4.0'
PC Sta. 787+34.3
PI Sta. 788+57.8
PT Sta. 789+81.0

PI Sta. 788+57.8
1" Pipe
N 33°W 82.69' 22" Birch
N 10°W 62.57' 10" Heml.
N 12°E 75.08' 18" Heml.

BM No 98, El. 940.38
PK Nail, Tag (M.St.H.)
& Washer on Root
of 4" Ironwood, 86'
Lt. of Sta. 788+61

Const & Curve Data.
Δ - 33°22'30" Lt.
D - 5°00'
R - 1146.28'
T - 311.17'
L - 607.50'
E - 41.49'
PC Sta. 772+11.31
PI Sta. 775+22.43
PT Sta. 778+18.81
Super 0.03'/ft.

R.P.D. DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.	S1020(5)			
ROUTE	STATE PROJECT	COUNTY	Twp.	SHEET NO.	TOTAL SHEETS
FAS 127-48	Gogebic	Wakefield		6	

R.P.D. DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.				
ROUTE	STATE PROJECT	COUNTY		SHEET NO.	TOTAL SHEETS

Gogebic County
Wakefield Twp.
T 50 N, R 45 W

Station Equation
Sta. 775+18.81 Back equals
Sta 778+47.22 Ahead
Line shortens 28.41'

166' of 36" Cl. C Culv. (CMP)
at 30° L to ℄ at Sta. 761+40
25 syds. Plain Rip Rap
Light Brush, 3rd Cl. Hemlock,
1st Cl. Medium Stumps.
Many fallen Logs & Stump Piles

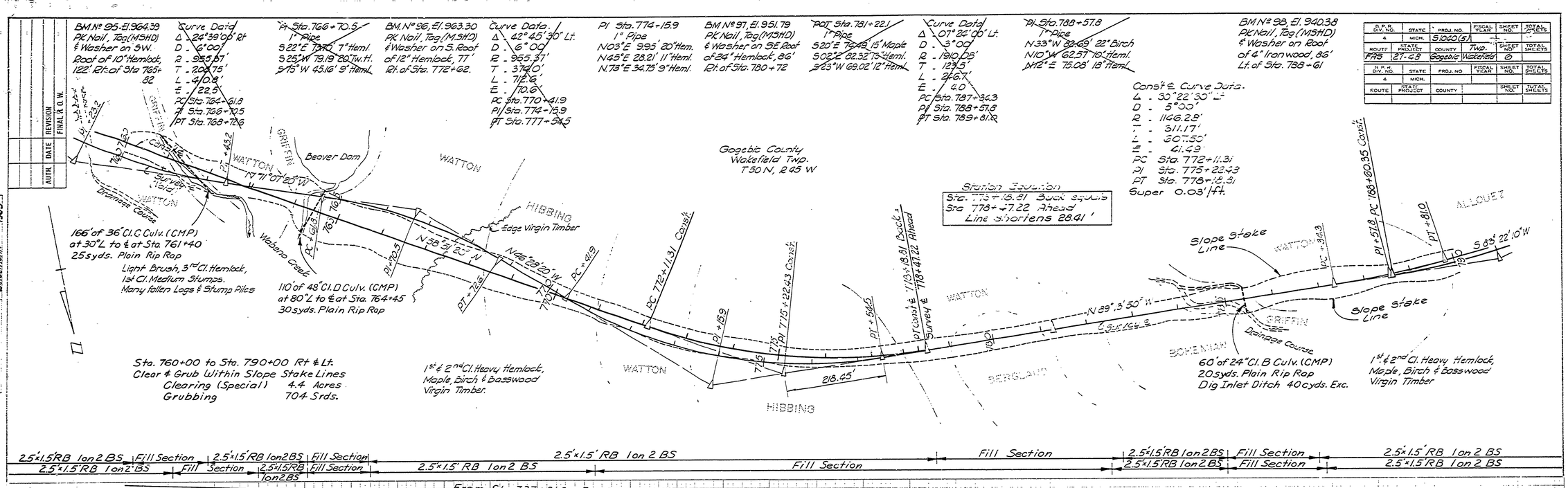
110' of 48" Cl. D Culv. (CMP)
at 80° L to ℄ at Sta. 764+45
30 syds. Plain Rip Rap

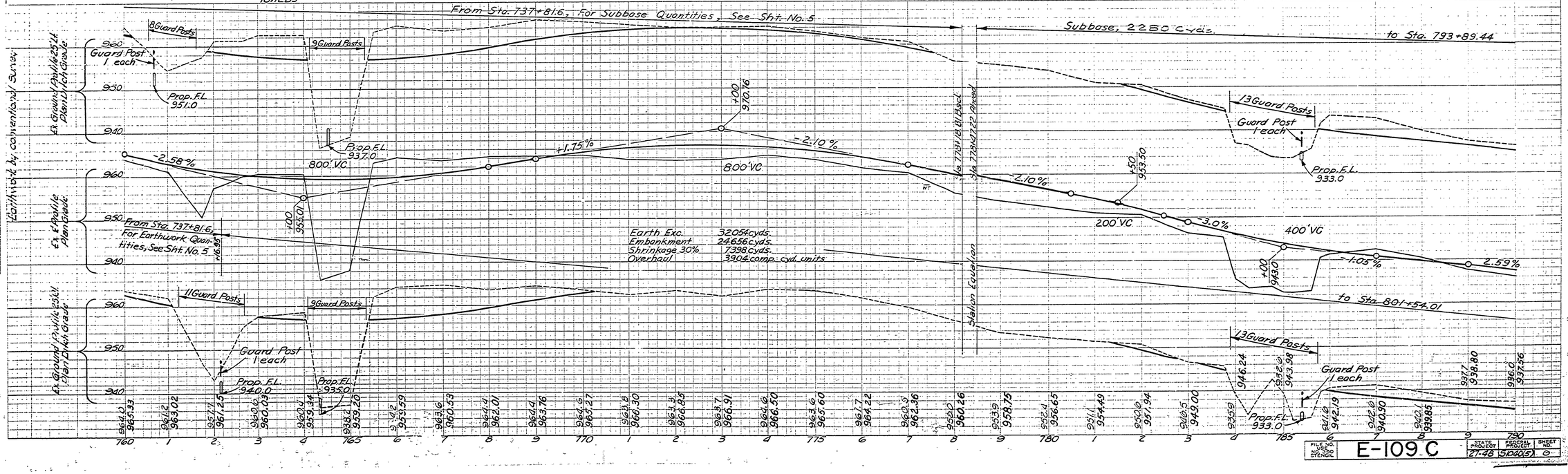
Sta. 760+00 to Sta. 790+00 Rt & Lt.
Clear & Grub Within Slope Stake Lines
Clearing (Special) 4.4 Acres
Grubbing 704 Srds.

1st & 2nd Cl. Heavy Hemlock,
Maple, Birch & Basswood
Virgin Timber.

60' of 24" Cl. B Culv. (CMP)
20 syds. Plain Rip Rap
Dig Inlet Ditch 40 cyds. Exc.

1st & 2nd Cl. Heavy Hemlock,
Maple, Birch & basswood
Virgin Timber





FILE NO.	STATE PROJECT	FEDERAL PROJECT	SHEET NO.
	27-48 S1020(5)		6

E-109 C

DATE	
1962	
1-1-63	
1-1-63	
1-1-63	
1-1-63	
1-1-63	
2-13-63	
2-13-63	

OPERATION	
SURVEYED	Caldwell
PLAN PLOTTED	D. Nowlan
PROFILE PLOTTED	R.C. Binderman
PROFILE CHECKED	R.C. Binderman
HYDRAULIC DATA	K. Rolo
PROFILE CHECKED	K. Rolo
GRADE HORIZ. ALIGNMENT	J.F. Burg
GRADE INSPECTION	J.F. Burg
FEDERAL INSPECTION	C. Eckert

	DATE	BY
PRELIMINARY R.O.W. SELECTED	3-1963	R. Rolo
FINAL DESIGN	3-1963	R.C. Binderman
PLAN PROFILE CHECKED	4-1-63	
FINAL R.O.W. CHECK	4-1-63	J.F. Johnson
FINAL R.O.W. SELECTED	4-1-63	J.F. Johnson
3 SIGNATURES REQUIRED	1963	Binderman
2 SIGNATURES REQUIRED		Eckert