COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		B.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
43.6	706.0		11.5	4 WIS.	1	9

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2 TYPICAL CROSS SECTIONS
SHEET NO. 2 ESTIMATE OF QUANTITIES
SHEET NO. 2 MISCELLANEOUS QUANTITIES
SHEET NO. --- RIGHT OF WAY PLAT
SHEET NO. 3-9 PLAN AND PROFILE STA.160+00 TO STA.362+00
SHEET NO. --- STANDARD DETAILS
SHEET NO. --- DRAINAGE STRUCTURES
SHEET NO. --- CROSS SECTIONS

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

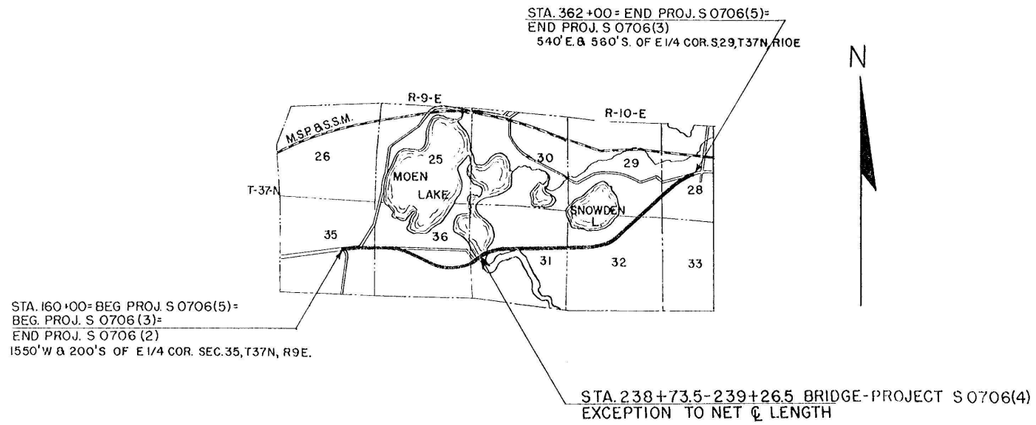
RHINELANDER-GAGEN ROAD

C.T.H. "C"

ONEIDA COUNTY

PROJECT S 0706(5)

SCALES
PLAN 1 IN. 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



CONVENTIONAL SIGNS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
NEW RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
WIRE FENCE { WOVEN / BARBED
LOT LINE
CORPORATE OR CITY LIMITS
PROPERTY LINE — P.L. + 32.6
TRAVELED WAY OR P.E.
RAILROADS
BASE OR SURVEY LINE — 30

CULVERTS IN PLACE
CULVERTS REQUIRED
DROP INLET
POWER POLE
TELEPHONE OR TELEGRAPH POLE
RIGHT OF WAY MARKERS
REFERENCE STAKE FOR HUBS ONLY — 4.81 / 23.9
MARSH
HEDGE
TREES
GROUND ELEVATION — DATUM LINE — 23.9
GRADE ELEVATION — DATUM LINE — 75.16

LAYOUT

SCALE 0 1/2 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 3.817 MI.

STATE HIGHWAY
COMMISSION OF WISCONSIN
MADISON, WIS

SURVEYOR J. KAY NOTE BOOK L.B.M.
DIVISION COMPUTER L.M.P. M. O. CHECKER
DISTRICT CHECKER H.J.D. CORRECT

CORRECT:
DATE 4/28/60 Max Tuttle DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 5/4/60 J. S. Pfiff ENGINEER OF DESIGN

APPROVED:
DATE 5/4/60 E. C. Rettiger STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:
DATE

DIVISION ENGINEER

S 0706(5)

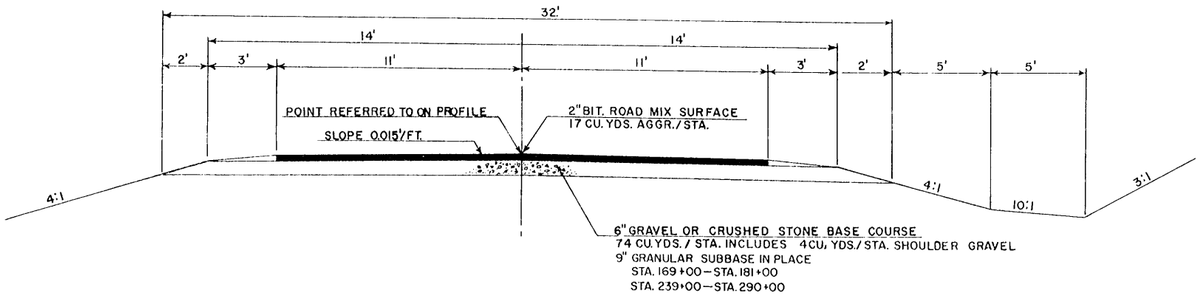
ESTIMATE OF QUANTITIES

CONTRACT NO. J

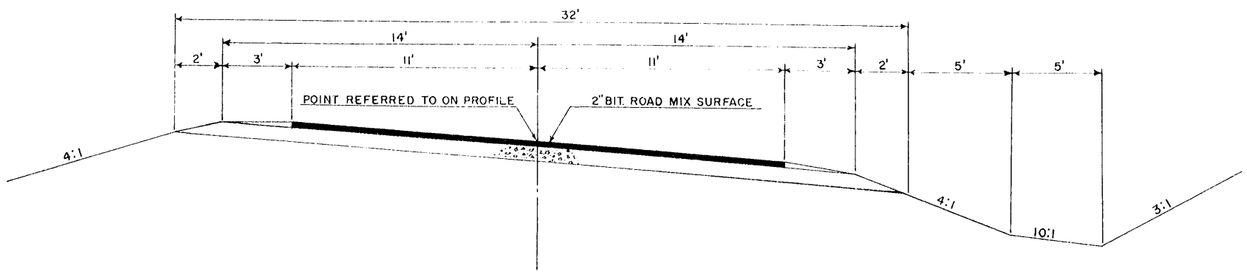
PROJECT	SHEET NUMBER	TOTAL SHEETS
S 0706(5)	2	9

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1957 APPROVED AUGUST 9, 1957 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

STATION TO STATION	NET LENGTH OF CENTER LINE	GRAVEL OR CRUSHED STONE BASE COURSE	BITUMINOUS ROAD MIX SURFACE	AGGREGATES FOR BIT. ROAD MIX SURFACE	BITUMINOUS MATERIAL FOR SURFACE COURSE	SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE COURSE		CULVERT PIPE					RIP-RAP	GUARD FENCE		MARKER POSTS	MARKER POSTS FOR R/W	TOPSOIL		FERTILIZER	SEEDING
ITEM NO.		2203-1	2313-1	2313-2	2313-3	2110-1	2114-1	2116-1	220	23						2512-1	2523-	2523-	2523-5	2523-6	2528-1	2528-2	2531-1	2532-1
UNIT	LIN. FT.	CU. YD.	SQ. YD.	CU. YD.	GAL.	C.Y.	STA.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.		EACH	EACH	SQ. YD.	SQ. YD.	CWT.	SQ. YD.
160+00 – 362+00	20,155	15,800	50,000	3500	70,000																			



TYPICAL SECTION ON TANGENT



TYPICAL SECTION ON CURVES

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

GRAVEL OR CRUSHED STONE BASE COURSE	
STATION – STATION	CU. YDS.
160+00 – 362+00	14,140
SHOULDERS	808
2 APPROACHES	152
21 PRIVATE ENTRANCES	420
7 TOWN ROADS	280
TOTAL	15,800

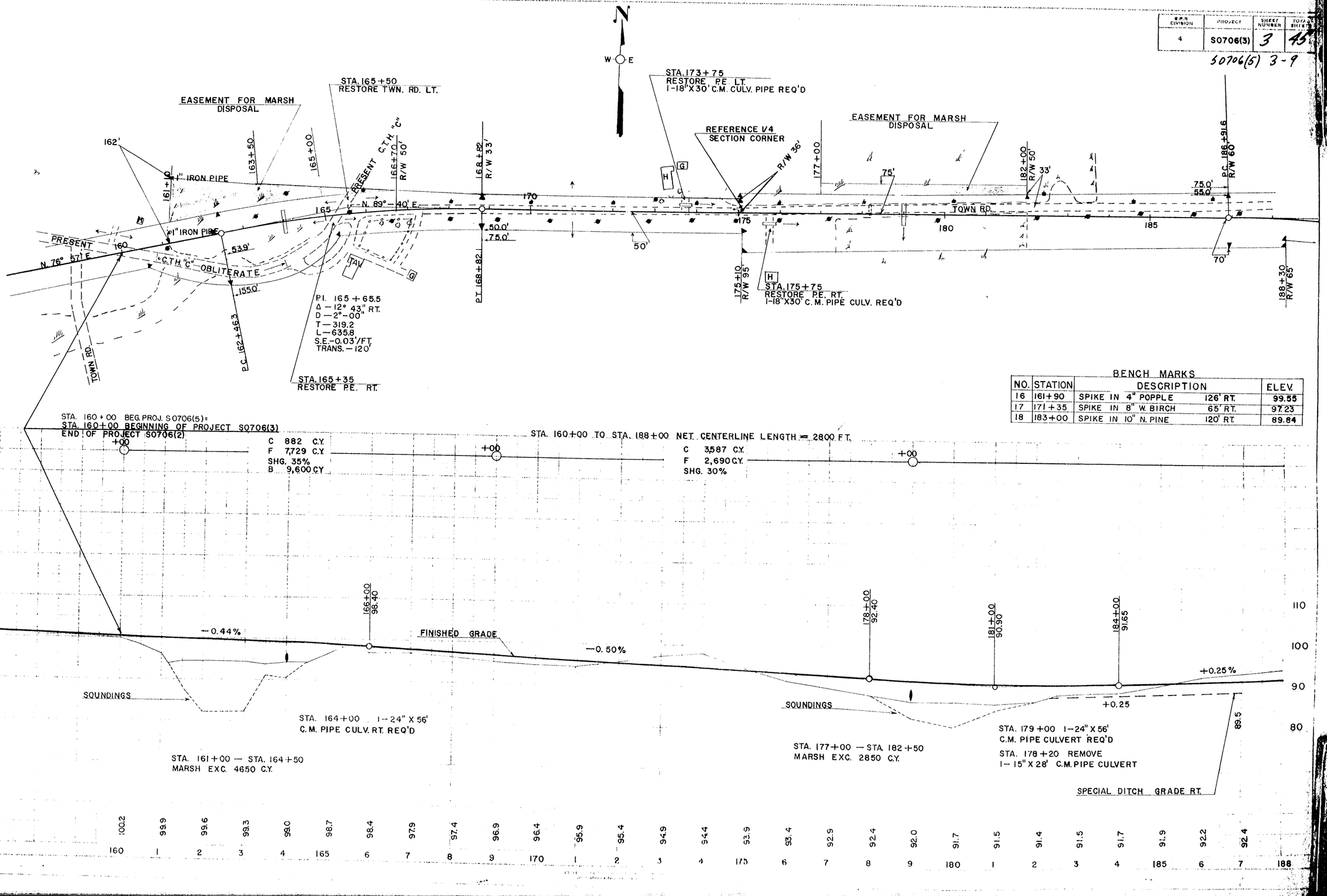
BITUMINOUS ROAD MIX SURFACE	
STATION – STATION	SQ. YDS.
160+00 – 362+00	49,376
APPROACHES & SIDE ROADS	624
TOTAL	50,000

STRAIGHT LINE SLOPES ON ALL CURVES AND ALL PAVEMENT CROWN REMOVED.
SUPERELEVATION TRANSITION OR RUN OFF SHALL BE COMPUTED WITH TWO-THIRDS OF THAT TRANSITION ON THE TANGENT AND ONE-THIRD WITHIN THE CURVE. SEE PLAN SHEETS FOR CURVE DATA.

NOTE:
SHEETS 3 TO 9 ARE INCLUDED TO SHOW PROFILE AND AND ALIGNMENT ONLY. OTHER INFORMATION NOT PERTINENT TO THIS CONTRACT

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL NO. SHEETS
4	S0706(3)	3	45

S0706(5) 3-9

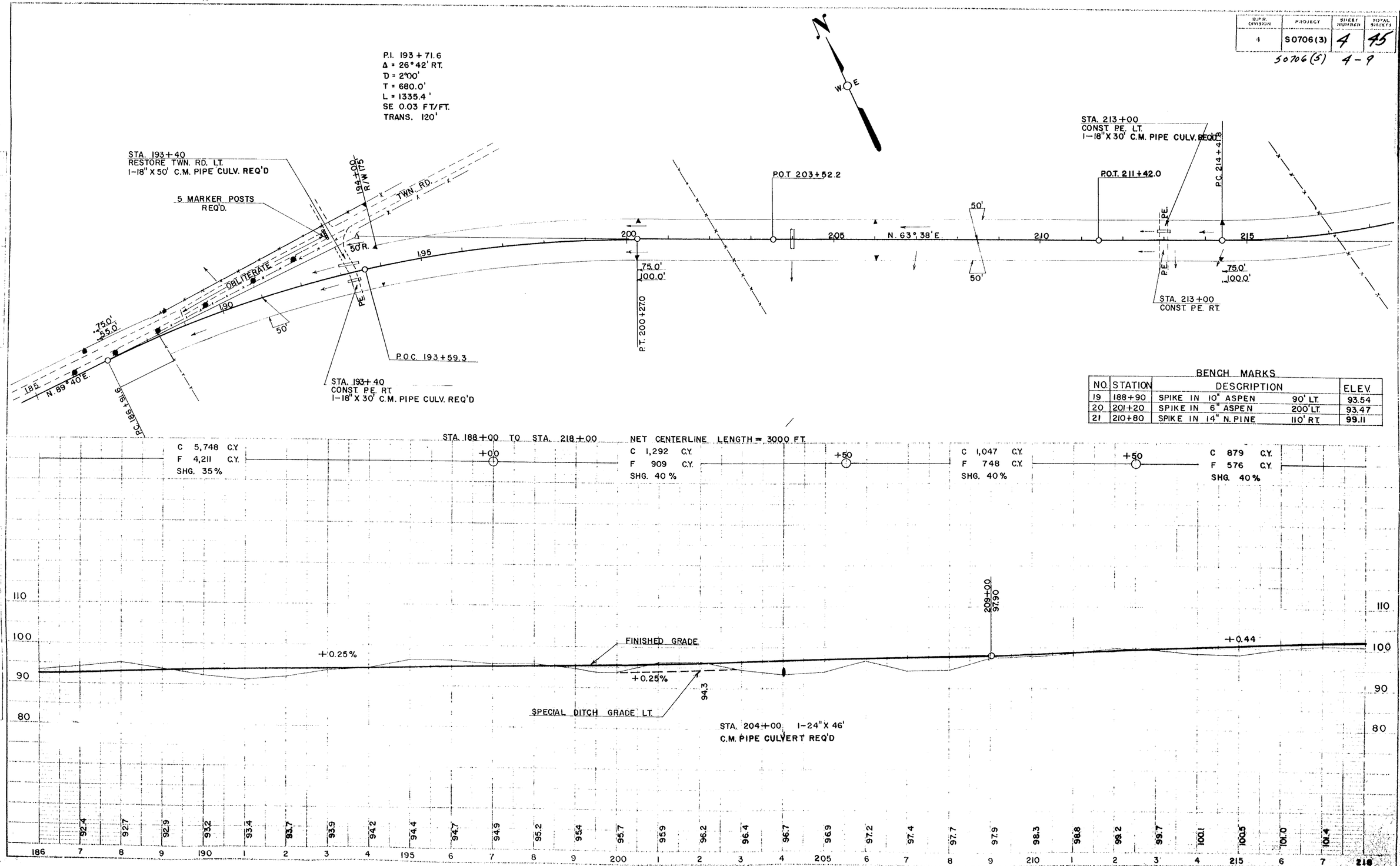


BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
16	161+90	SPIKE IN 4" POPPLE	126' RT.	99.55
17	171+35	SPIKE IN 8" W. BIRCH	65' RT.	97.23
18	183+00	SPIKE IN 10" N. PINE	120' RT.	89.84

D.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0706(3)	4	45

S0706(5) 4-9



BENCH MARKS

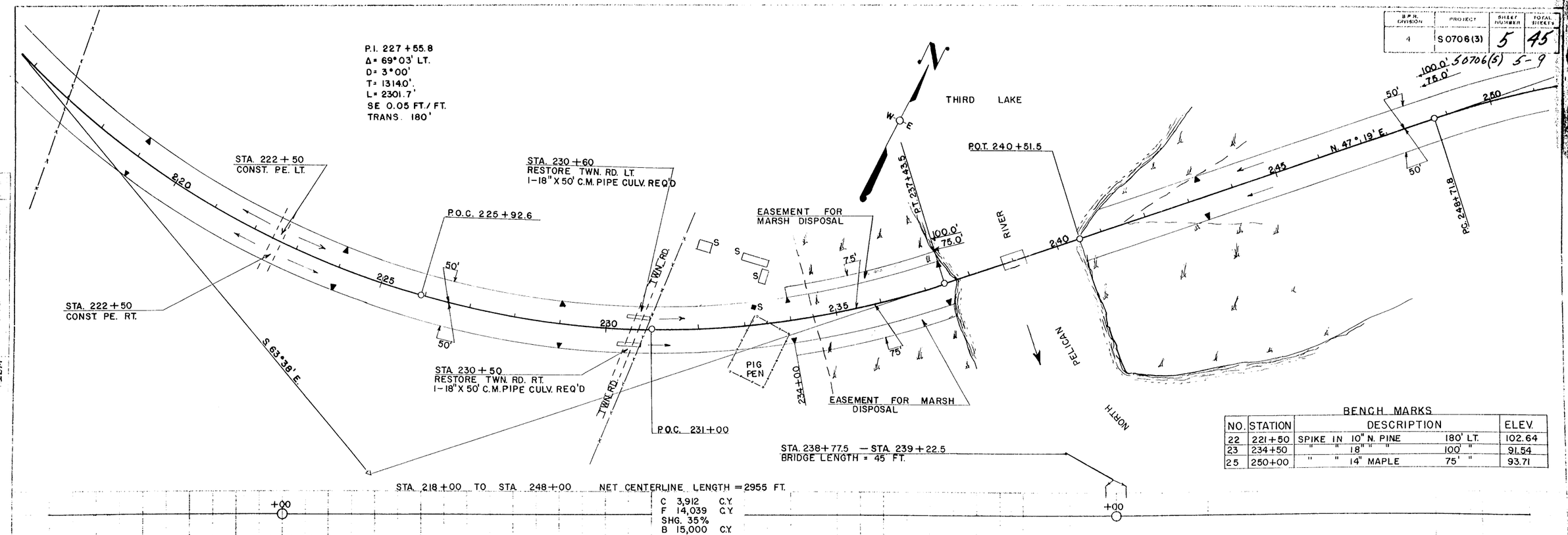
NO.	STATION	DESCRIPTION		ELEV.
19	188+90	SPIKE IN 10" ASPEN	90' LT.	93.54
20	201+20	SPIKE IN 6" ASPEN	200' LT.	93.47
21	210+80	SPIKE IN 14" N. PINE	110' RT.	99.11

PLAN — NOTE BOOK NO. I&M — SURVEYED / PLOTTED / DESIGNED / CHECKED / R. W. STATES / STRUCTURE REPRESENTATIVE — DATE 3-58 / 7-58

PROFILE — NOTE BOOK NO. I&M — SURVEYED / PLOTTED / DESIGNED / CHECKED / R. W. STATES / STRUCTURE REPRESENTATIVE — DATE 9-58 / 7-58

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0706(3)	5	45

100.0' S0706(5) 5-9
75.0'



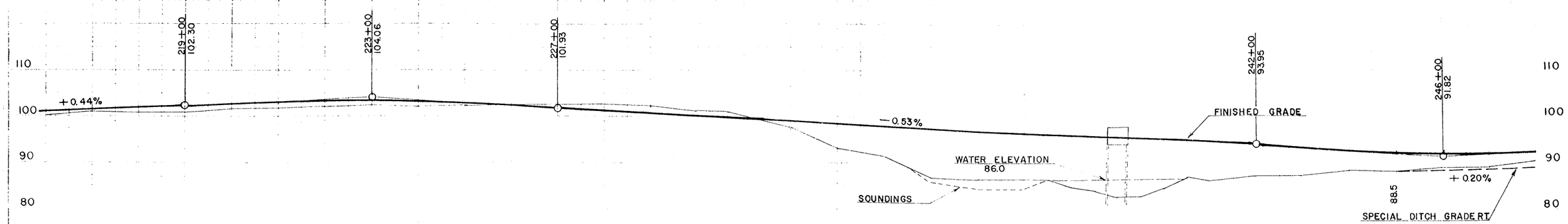
NO.	STATION	DESCRIPTION	ELEV.
22	221+50	SPIKE IN 10" N. PINE 180' LT.	102.64
23	234+50	" " 18" " " 100' "	91.54
25	250+00	" " 14" MAPLE 75' "	93.71

BENCH MARKS

STA. 238+77.5 — STA. 239+22.5
BRIDGE LENGTH = 45 FT.

STA. 218+00 TO STA. 248+00 NET CENTERLINE LENGTH = 2955 FT.

C 3,912 C.Y.
F 14,039 C.Y.
SHG. 35%
B 15,000 C.Y.



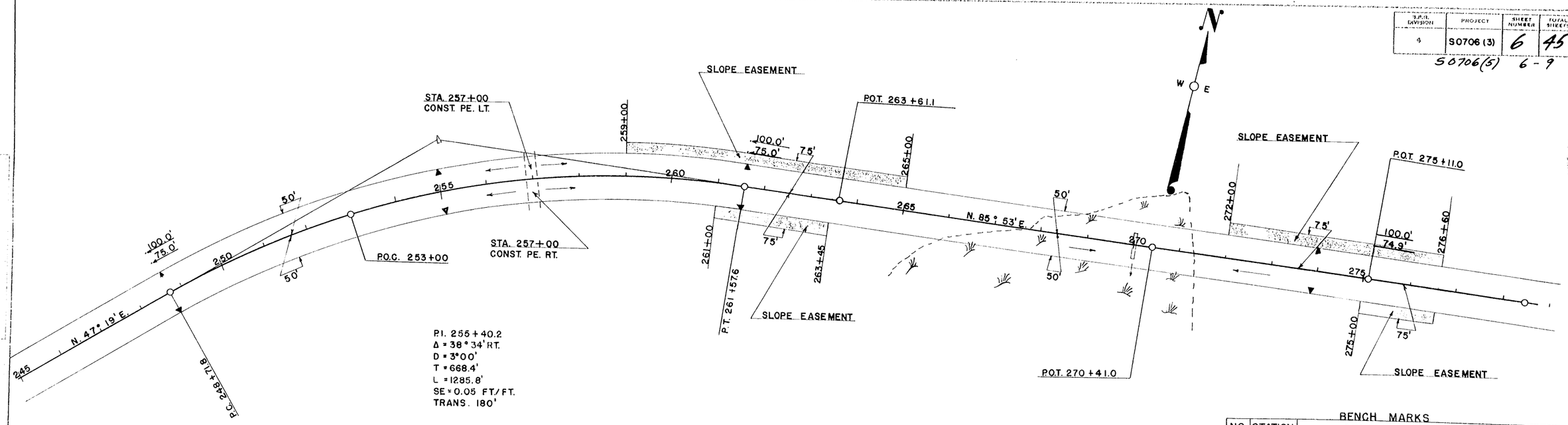
STA. 234+50 — STA. 237+50
MARSH EXC. 560 C.Y.

STA. 239+00 BRIDGE NO B 43-5
1-42' SPAN, PRESTRESSED CONCRETE GIRDER (SLAB TYPE) REQ'D 28' ROADWAY
SEE DRAWING X19934 TO X19936
(NOT PART OF THIS PROJECT)

| | | |

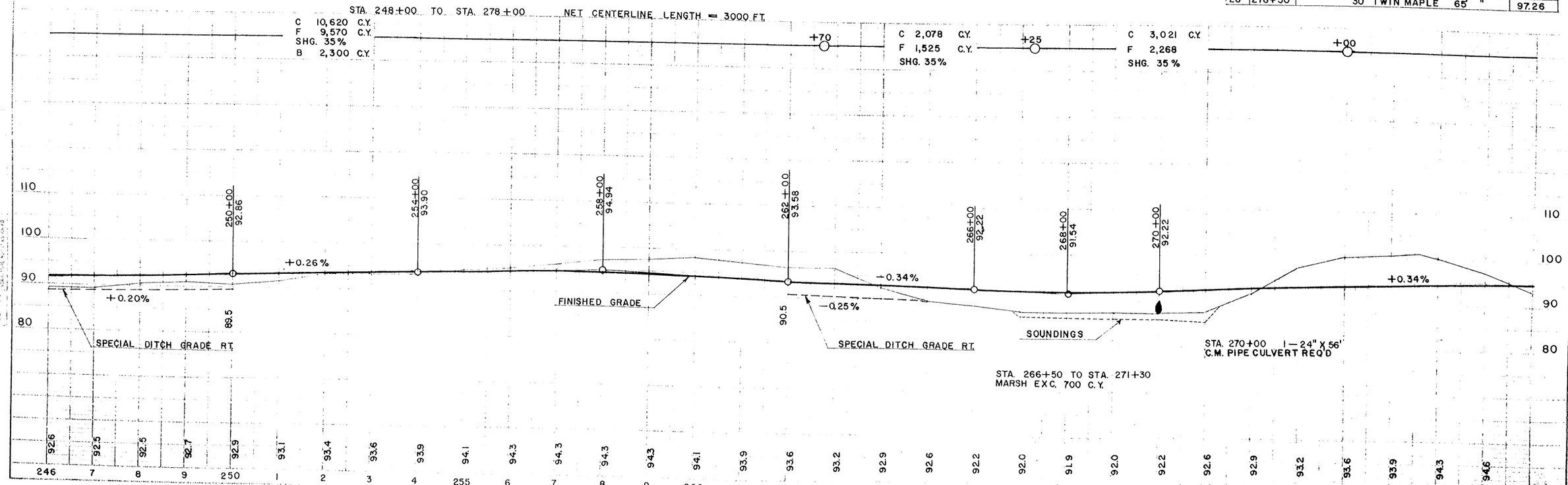
S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0706 (3)	6	45

S0706(5) 6-9



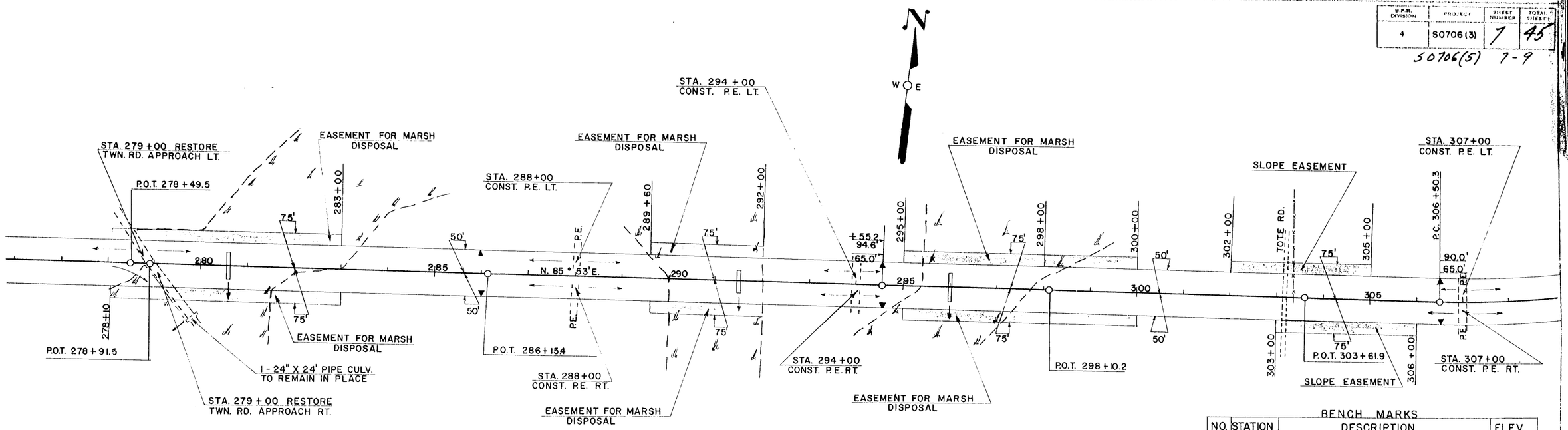
BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
26	261+15	SPIKE IN 14" MAPLE	100' LT.	101.09
27	271+80	" " 8" Y. BIRCH	70' "	91.09
28	278+30	" " 30" TWIN MAPLE	65' "	97.26



B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0706(3)	7	45

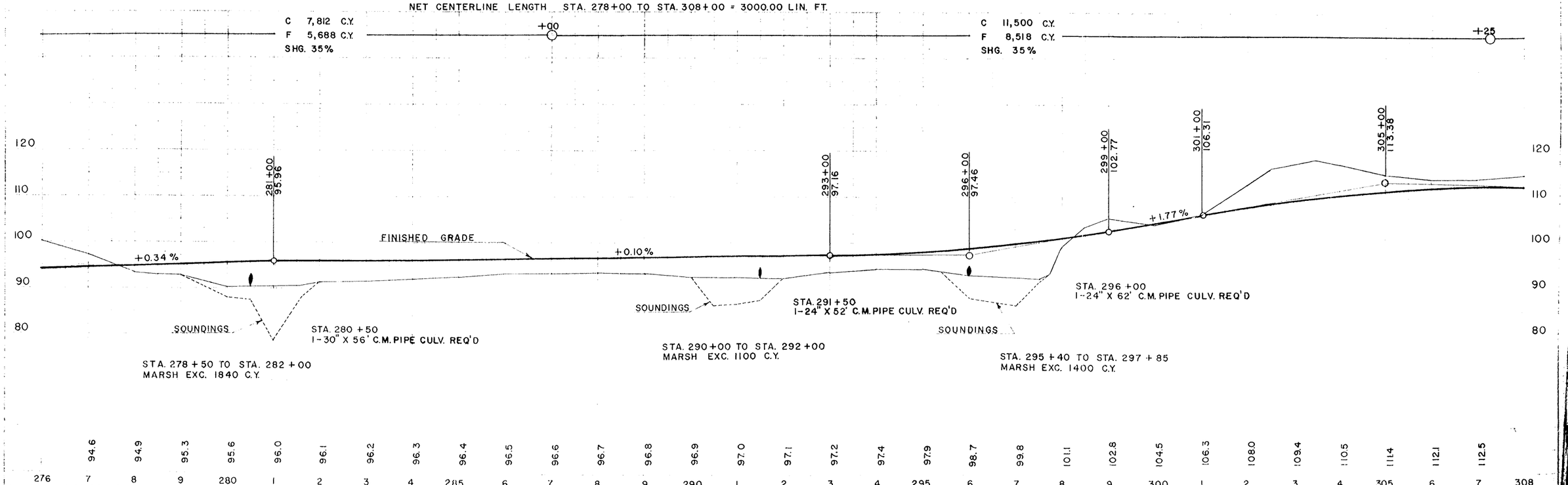
S0706(5) 7-9



BENCH MARKS

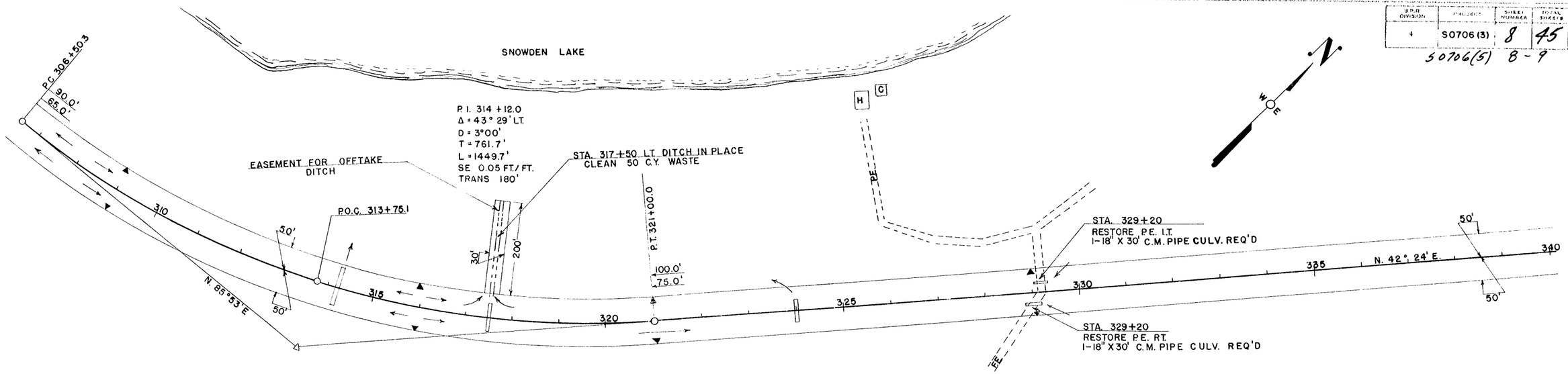
NO.	STATION	DESCRIPTION	ELEV.
29	292+15	SPIKE IN 16" W PINE 60' RT.	93.49
30	302+90	" " 8" " " 90' "	111.73
31	307+50	" " 8" MAPLE 90' LT.	115.24

NET CENTERLINE LENGTH STA. 278+00 TO STA. 308+00 = 3000.00 LIN. FT.



STATE DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0706 (3)	8	45

S0706(5) 8-9



BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
32	317+90	SPIKE IN 8" ASPEN	250' LT.	102.22
33	342+60	" " 16" N. PINE	225' "	121.15
34	355+30	" " 8" TAMRACK	85' "	93.53

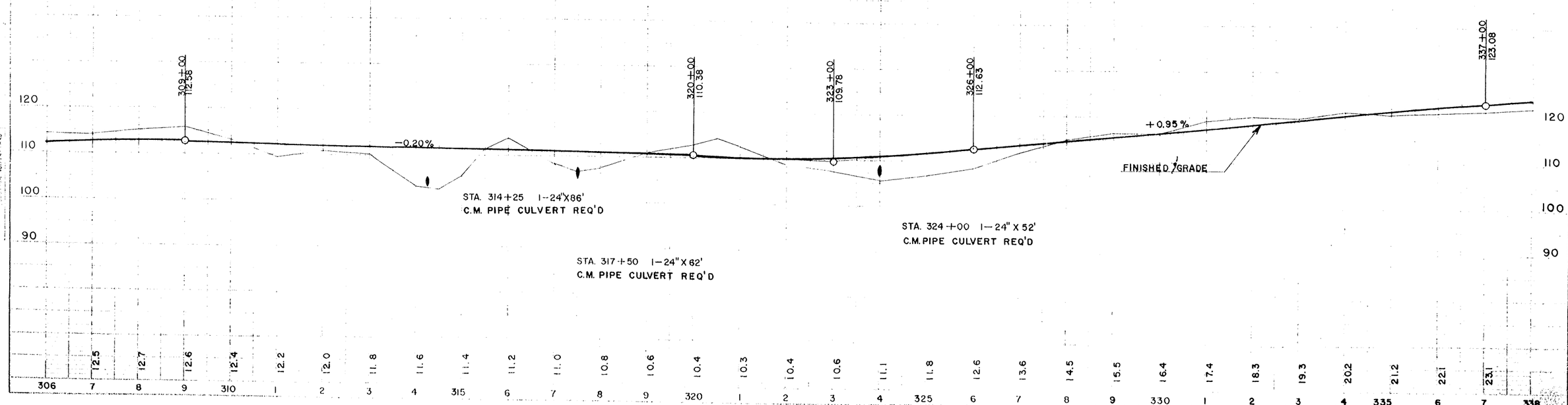
STA. 308+00 TO STA. 338+00 NET CENTERLINE LENGTH = 3000 FT.

+25: C 3,056 C.Y. F 2,246 C.Y. SHG. 35%

+00: C 3,442 C.Y. F 2,705 C.Y. SHG. 30%

+30: C 2,000 C.Y. F 1,503 C.Y. SHG. 35%

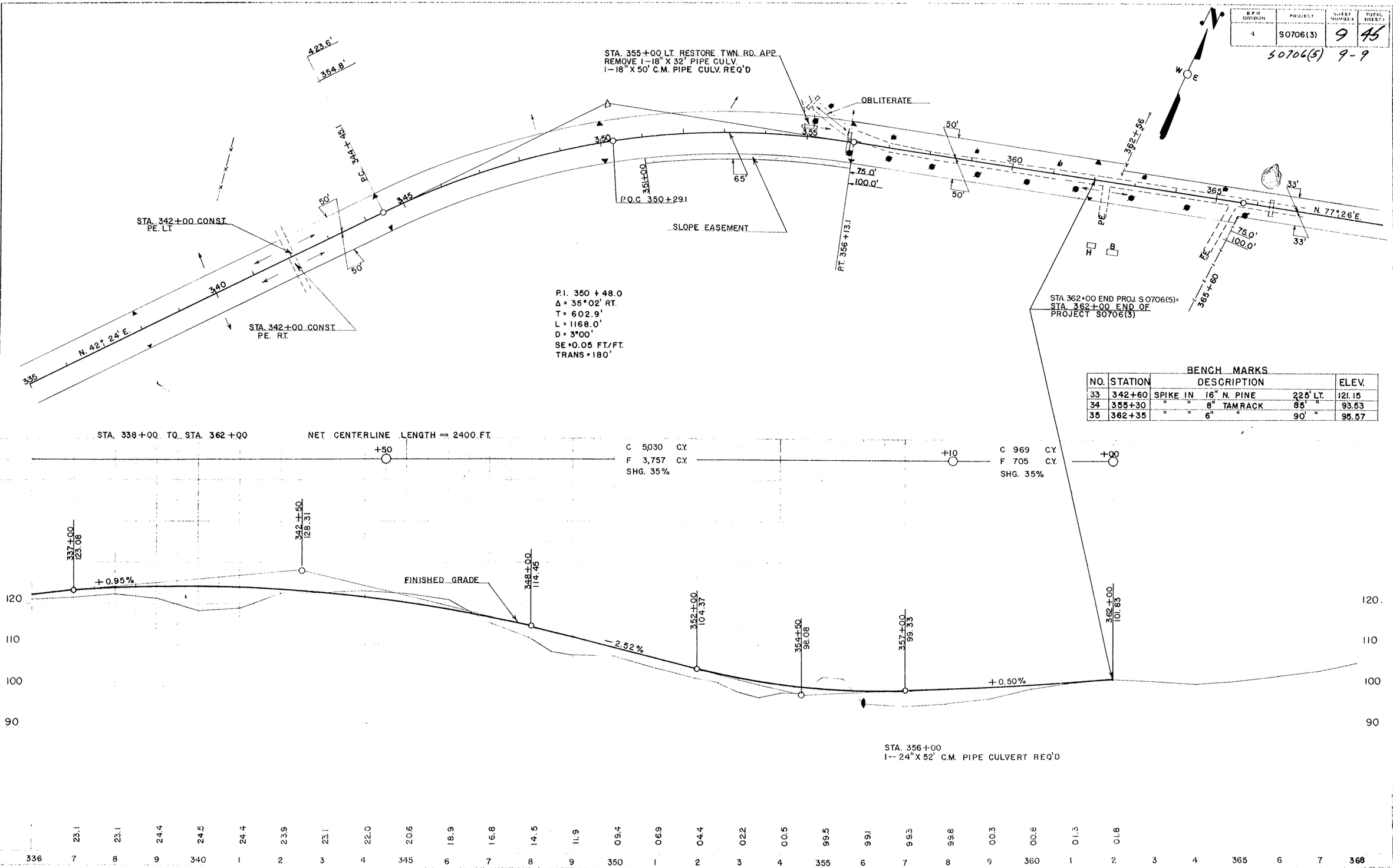
+20: C 3,298 C.Y. F 2,491 C.Y. SHG. 35%



PROFILE

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0706(3)	9	45

S0706(5) 9-9



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
33	342+60	SPIKE IN 16" N. PINE 22.5' LT.	121.15
34	355+30	" " 8" TAMRACK 85' "	93.53
35	362+35	" " 6" " 90' "	95.57