

RM9

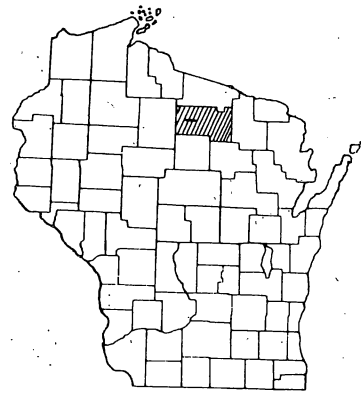
R1119

INDEX OF SHEETS

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- SHEET NO. 3 MISCELLANEOUS QUANTITIES
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- SHEET NO. 4-8 PLAN AND PROFILE STA. 92+00 TO STA. 208+00
- SHEET NO. 9-9.8 STANDARD DETAILS
- SHEET NO. — DRAINAGE STRUCTURES
- SHEET NO. 10-20 MACHINE COMPUTATIONS

STATE OF WISCONSIN
 STATE HIGHWAY COMMISSION OF WISCONSIN

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		S.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
43.6	704.0		11.6	4 WIS.	1	20



PLAN AND PROFILE OF PROPOSED
 U.S.H. 51 - S00 LAKE ROAD
 C.T.H. "K"
 ONEIDA COUNTY
 PROJECT S 0704 (6)

MAP # R1119
 DATE FILED 10-23-2023
 BY CH
 DESCRIPTION FILED
 ONEIDA CO. SURVEYOR'S OFFICE

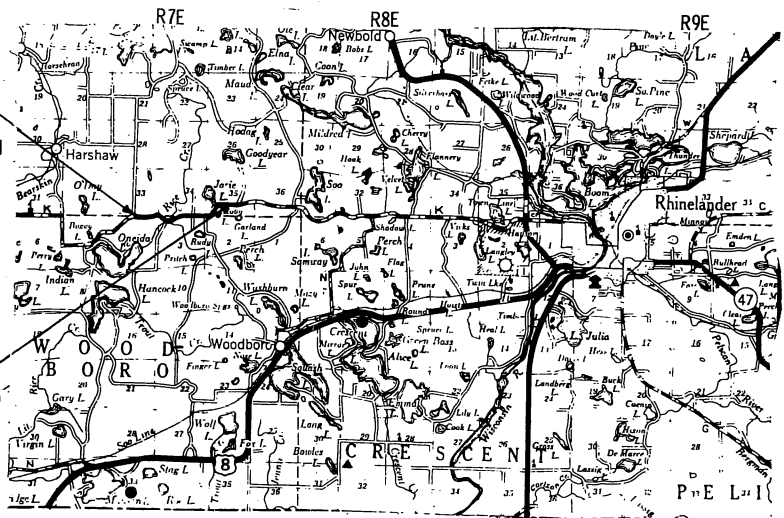
PLAN 1 IN. = 100 FT.
 PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
 CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.

DESIGN DESIGNATION

- ADT 1966 = 330
- ADT 1986 = 660
- DHV = 100
- D = 65%
- T = 15%
- V = 50 mph

BEGINNING OF PROJECT S 0704(6)
 STA. 92+00
 4' E. & 169' S. of the N. 1/4 cor.
 sec. 4, T. 36 N., R. 7 E.

END OF PROJECT S 0704(6)
 STA. 208+00 = STA. 208+00 BEG. PROJ. S 0704(4)
 371.0 E. & 1356.7' N. of S. 1/4 cor.
 sec. 35, T. 37 N., R. 7 E.



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 (+51.7, +28.9)
- MARSH
- HEDGE
- TREES
- GROUND ELEVATION DATUM LINE (73.9)
- GRADE ELEVATION DATUM LINE (75.6)

LAYOUT

SCALE 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 2.197 MI.

STATE HIGHWAY COMMISSION OF WISCONSIN
 MADISON, WIS.

SURVEYOR: Sonnenberg
 DISTRICT CHECKER: WINAT

NOTE BOOK: 207-288
 M.O. CHECKER: W.H.B.

CORRECT: DATE 7/28/66

RECOMMENDED FOR APPROVAL: DATE 10/7/66 E.J. Byrkit, Ch. Design Engineer

APPROVED: DATE 11-1-66 J.J. Burmeister, STATE HIGHWAY ENGINEER

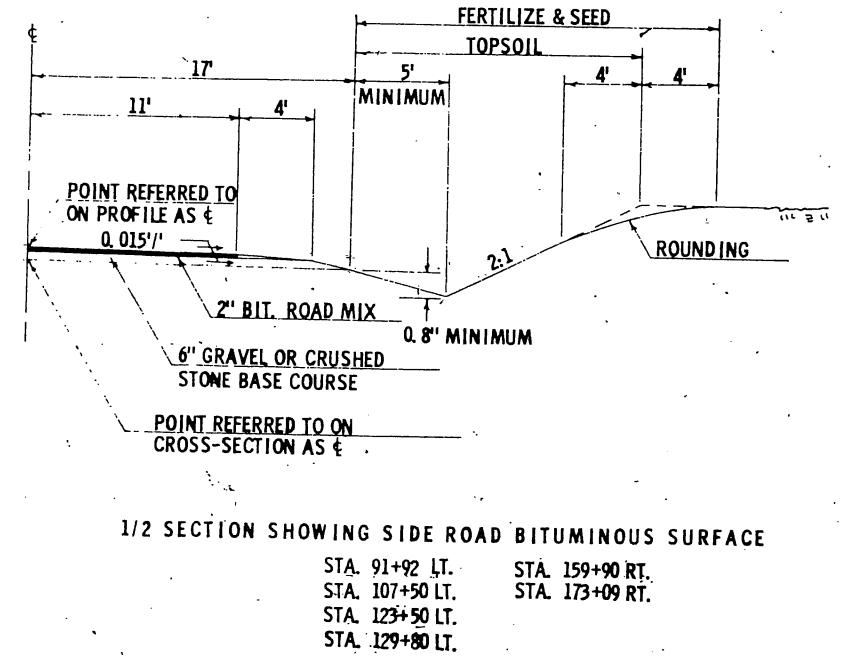
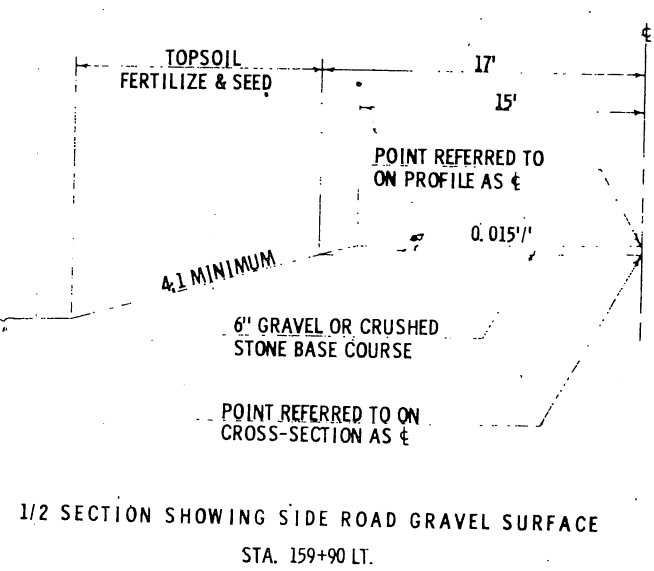
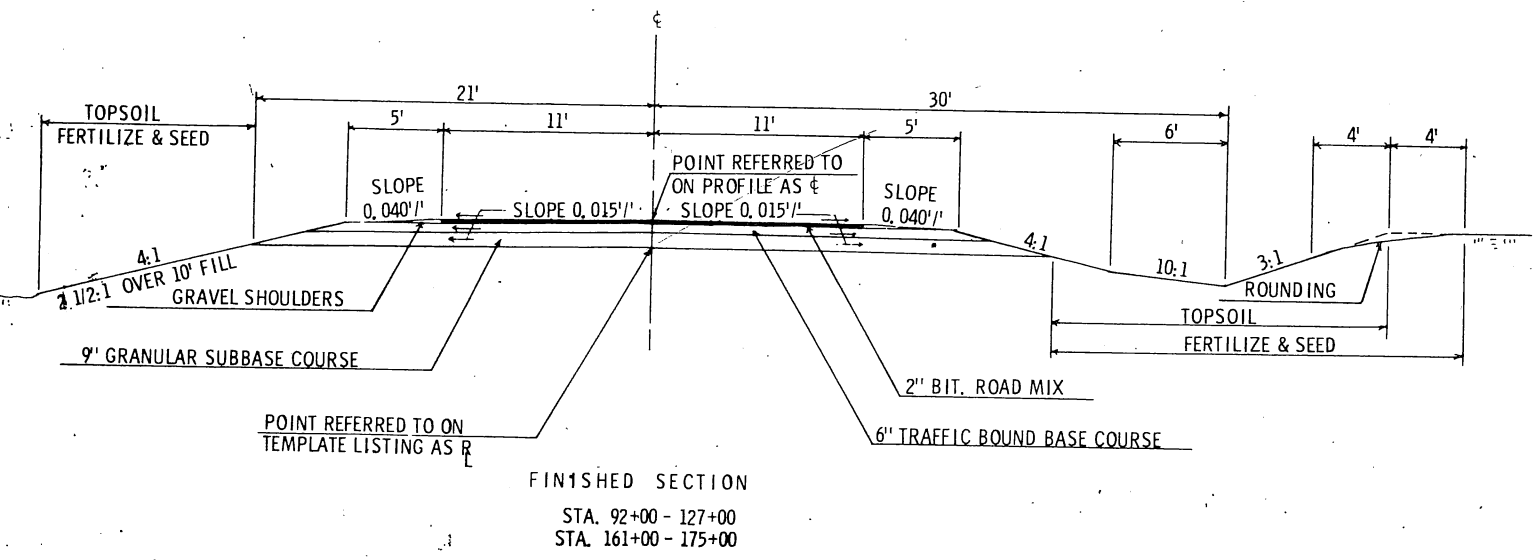
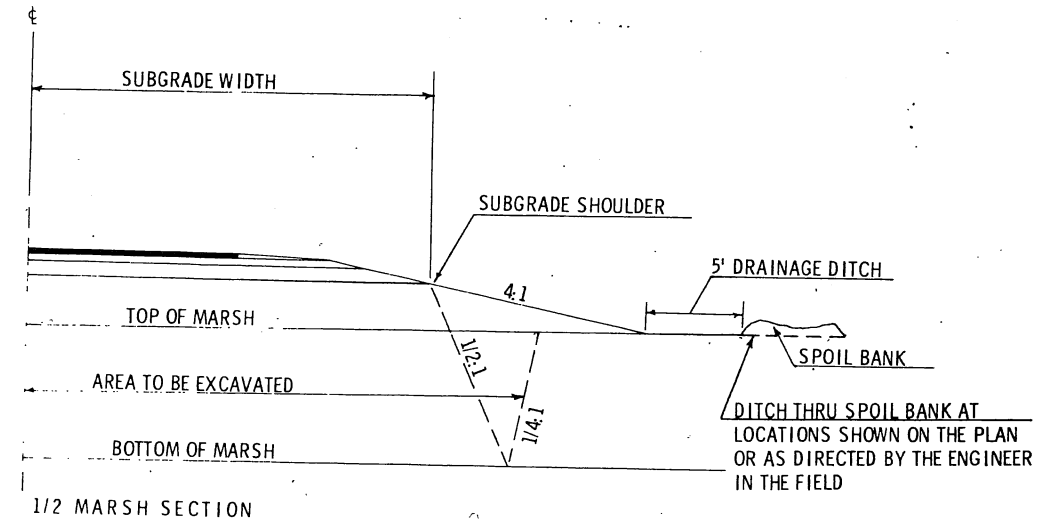
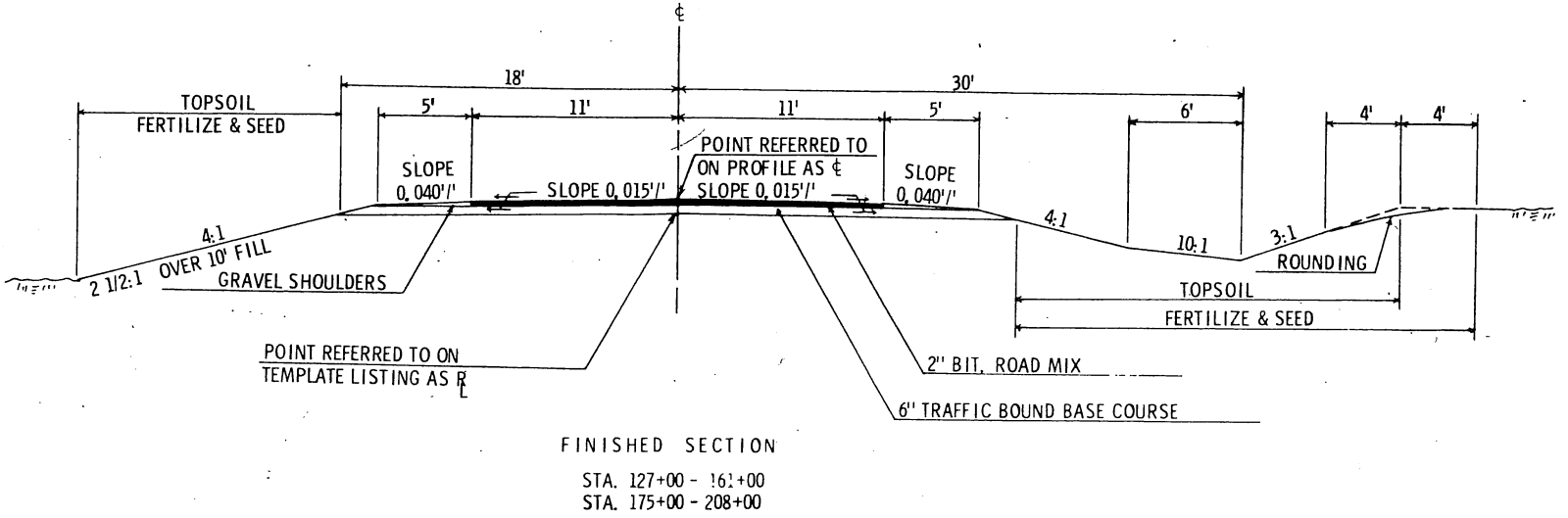
DEPARTMENT OF COMMERCE
 BUREAU OF PUBLIC ROADS

APPROVED: DATE

R1119
 DIVISION ENGINEER

R1119

B.P.P. REG.	PROJECT	SHEET	TOTAL SHEETS
	S 0704(6)	2	20



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ESTIMATE OF QUANTITIES

B. P. R. REGION	PROJECT	SHEET NO.	TOTAL SHEETS
	S 0704(6)	3	20

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1963 APPROVED OCTOBER 16, 1963. FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED OCTOBER 29, 1963 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

CONTRACT NO. 1

SEC. NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	REMOVING OLD BRIDGE STA. 127+30	UNCLASSIFIED EXCAVATION	MARSH EXCAVATION	BORROW EXCAVATION	GRANULAR SUBBASE COURSE	FINISHING ROADWAY	OBLITERATING OLD ROAD	TRAFFIC BOUND BASE COURSE	BITUMINOUS ROAD MIX SURFACE	BITUMINOUS MATERIAL FOR SURFACE COURSE	AGGREGATES FOR BITUMINOUS ROAD MIX SURFACE*	CULVERT PIPE CLASS III 18-INCH	CULVERT PIPE CLASS III 24-INCH	CULVERT PIPE CLASS III 36-INCH	CULVERT PIPE CLASS III 42-INCH	APRON ENDWALLS FOR CULVERT PIPE 18-INCH	APRON ENDWALLS FOR CULVERT PIPE 24-INCH	APRON ENDWALLS FOR CULVERT PIPE 36-INCH	APRON ENDWALLS FOR CULVERT PIPE 42-INCH	STRUCTURAL PLATE PIPE ARCH 15-FT. SPAN	RIPRAP	STEEL PLATE BEAM GUARD	ANCHORAGES FOR STEEL PLATE BEAM GUARD	MARKER POSTS	MARKER POSTS FOR RIGHT-OF-WAY	LANDMARK REFERENCE MONUMENTS
	STA. 92+00 - 208+00	11,600.0	18.3	8.9	1	111,005	50,367	36,059	6,800	1	40	16,320	31,000	42,000	4,640	138	270	128	132	8	14	4	4	58	42	283	4	4	58	5
TOTAL		11,600.0	18.3	8.9	1	111,005	50,367	36,059	6,800	1	40	16,320	31,000	42,000	4,640	138	270	128	132	8	14	4	4	58	42	283	4	4	58	5

*INCLUDES SHOULDERS

SEC. NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	SALVAGED TOPSOIL	FERTILIZER	SEEDING	SODDING	FIELD OFFICE	MAINTENANCE AND REPAIR OF HAUL ROADS
	STA. 92+00 - 208+00	11,600.0	66,700	100	110,000	2,160	1	1
TOTAL		11,600.0	66,700	100	110,000	2,160	1	1

MARKER POSTS FOR RIGHT-OF-WAY

STA. - STA.	NO.
92+00 - 100+00	4
100+00 - 130+00	18
130+00 - 160+00	13
160+00 - 190+00	15
190+00 - 208+00	8
TOTAL	58

EXCAVATION

STA. - STA.	UNCLASSIFIED			BORROW			MARSH		
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.			
92+00 - 99+26	5,044								
99+26 - 135+00	81,617		19,228		41,872				
135+00 - 165+00	11,049		16,533		8,495				
165+00 - 181+00	2,115		277						
181+00 - 186+44	2,830								
186+44 - 197+50	6,091		21						
197+50 - 208+00	2,259								
TOTAL	111,005		36,059		50,367				

OBLITERATING OLD ROAD

STA. - STA.	STA.
105+83 - 107+70	2.0
128+00 - 129+00	1.0
138+00 - 152+00	14.6
176+00 - 179+40	3.6
179+60 - 183+10	3.9
185+75 - 190+00	4.5
190+00 - 198+50	10.4
TOTAL	40.0

CULVERT PIPE SCHEDULE

STATION	APP.	LOCATION	CULVERT PIPE CLASS III				STRUCTURAL PLATE PIPE ARCH 15' SPAN	APRON ENDWALLS				RIPRAP CU. YD.
			18"	24"	36"	42"		18"	24"	36"	42"	
100+50	P. E.		X									
107+50	TN. RD.		X									
118+20			X									
123+50	TN. RD.		X									
127+80			X									
129+80	TN. RD.			X								
133+50			X									
155+50	P. E.		X									
155+50	P. E.			X								
159+90	TN. RD.			X								
159+90	TN. RD.			X								
165+30	P. E.			X								
179+00	P. E.			X								
188+00			X									
192+00	P. E.		X									
TOTAL												

SODDING

LOCATION	TYPE	SIZE	NO.	SQ. YDS.
100+00 - 111+50 LT. & RT. CHECKS		6'x15'	106	1,060
147+50 - 165+00 LT. & RT. CHECKS		6'x15'	110	1,100
TOTAL				2,160

CLEARING AND GRUBBING

STA. - STA.	CLEARING ACRE	GRUBBING ACRE
92+00 - 108+50	3.1	3.1
108+50 - 124+50	5.3	3.2
124+50 - 155+60	9.1	1.8
155+60 - 185+50	0	0
185+50 - 190+15	0.8	0.8
TOTAL	18.3	8.9

STEEL PLATE BEAM GUARD

STA. - STA.	LOCATION	LIN. FT.	ANCHORS	MARKER POSTS
127+10 - 128+51.5	LT.	141.5	2	2
127+10 - 128+51.5	RT.	141.5	2	2
TOTAL		283.0	4	4

APPLICABLE STANDARD DETAIL DRAWINGS

- 6-2.4.3 Mortar Rubble Masonry or Riprap for Culvert & Cattle Pass End Walls -
- 6-2.6.4 Apron Endwalls for Culvert Pipe and Pipe Arch -
- 6-5.3.2 Structural Plate Pipe Arch & Corrugated Metal Pipe Arch -
- 7-1.3.5 Marker Post & Marker Posts for Right of Way -
- 7-2.4.12 Steel Plate Beam Guard & Steel Beam Median Guard -
- 7-4.1.4 Construction Barricade -
- 8-1.3.1 Ditch Checks, Mortar Rubble Masonry & Sod -
- 9-1.1.4 Design and Layout Details for Side Road at Grade Intersections -
- 12-1.1.2 Landmark Reference Monuments -

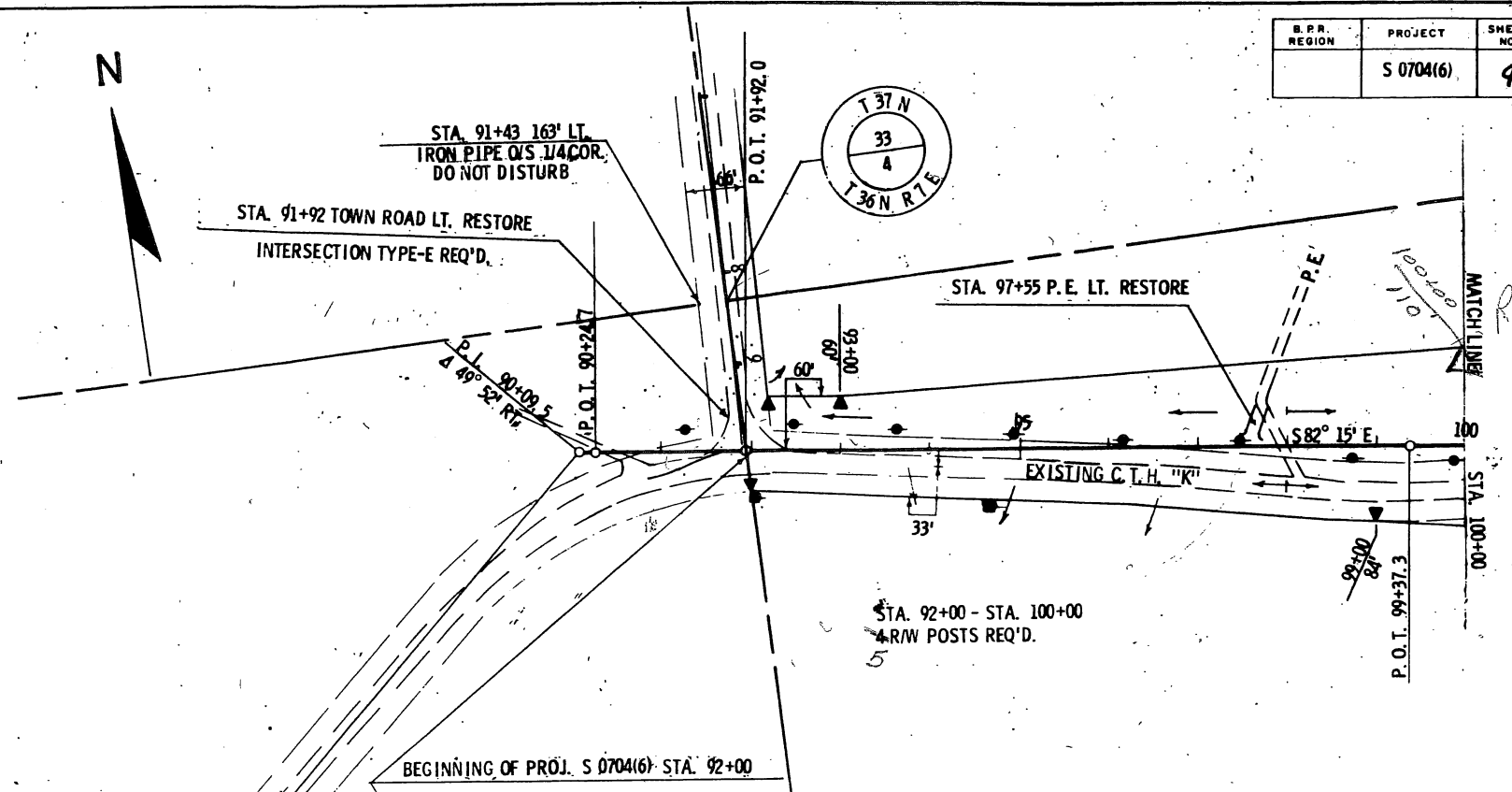
GENERAL NOTES

- When the quantity of the items of subbase, base or surface course is measured for payment by the ton or cubic yard, the depth or thickness of the course shown on the plans is approximate and the actual thickness will depend on the distribution of the material directed by the engineer.
- Length of runoff shall be computed with two-thirds of the total runoff on the tangent approach and one-third within the curve. See plan for rate of superelevation. The shoulders shall be built to a full 2" depth with the exception of a 2' vertical curve on the high side of the curve, centered 16' from centerline.
- Salvaged topsoil shall be placed to an approximate depth of 3" at the time of placing.
- In balances containing marsh excavation, the fill quantity shown in the balance total on the plan sheets includes 10% of the marsh excavation as estimated subsidence.
- E. B. S. all mouths of cuts as directed by the engineer in the field.

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B.P.R. REGION	PROJECT	SHEET NO.	TOTAL SHEETS
	S 0704(6)	4	20

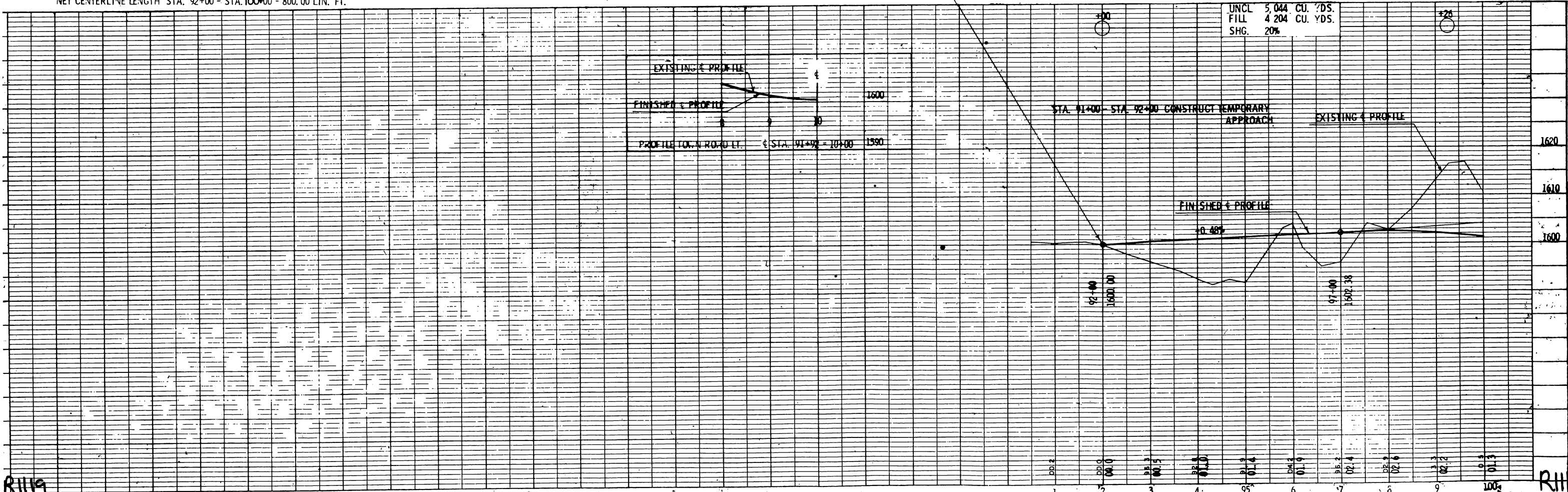


BENCH MARKS

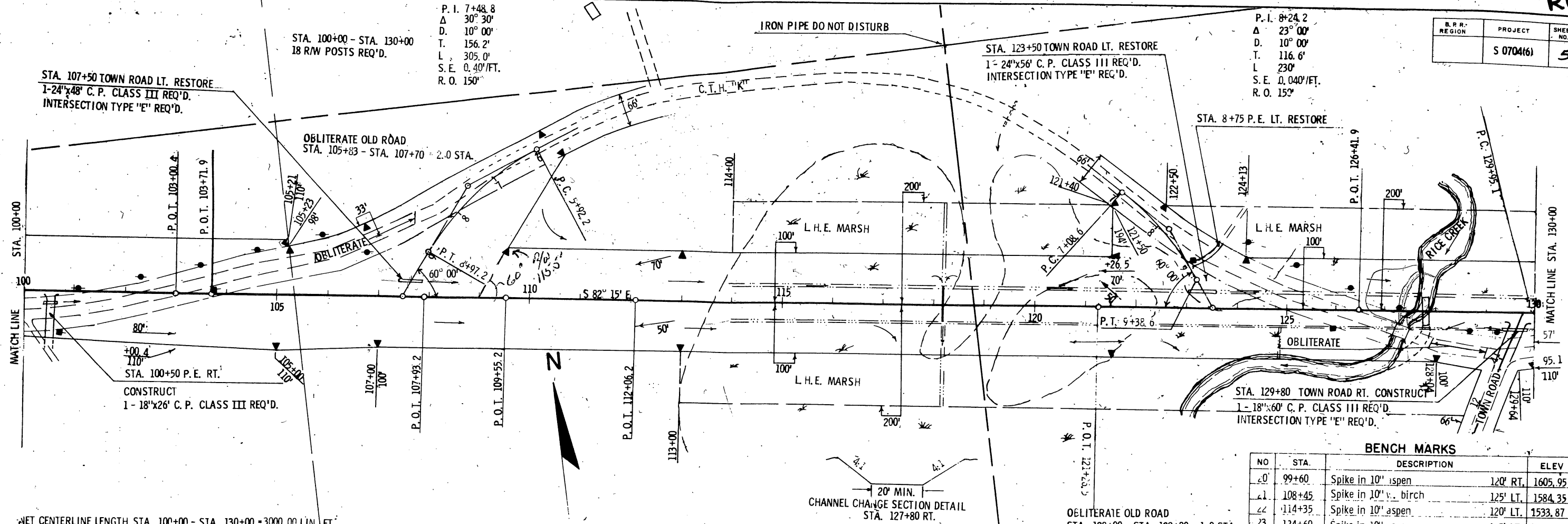
NO.	STA.	DESCRIPTION	ELEV.
19	91+25	Spike in 20' W. Pine	65' RT. 1602.86
20	99+60	Spike in 10' Aspen	120' RT. 1605.95

NET CENTERLINE LENGTH STA. 92+00 - STA. 100+00 = 800.00 LIN. FT.

UNCL	5,044	CU. YDS.
FILL	4,204	CU. YDS.
SHG.	20%	



B.R.R. REGION	PROJECT	SHEET NO.	TOTAL SHEETS
	S 0704(6)	5	20

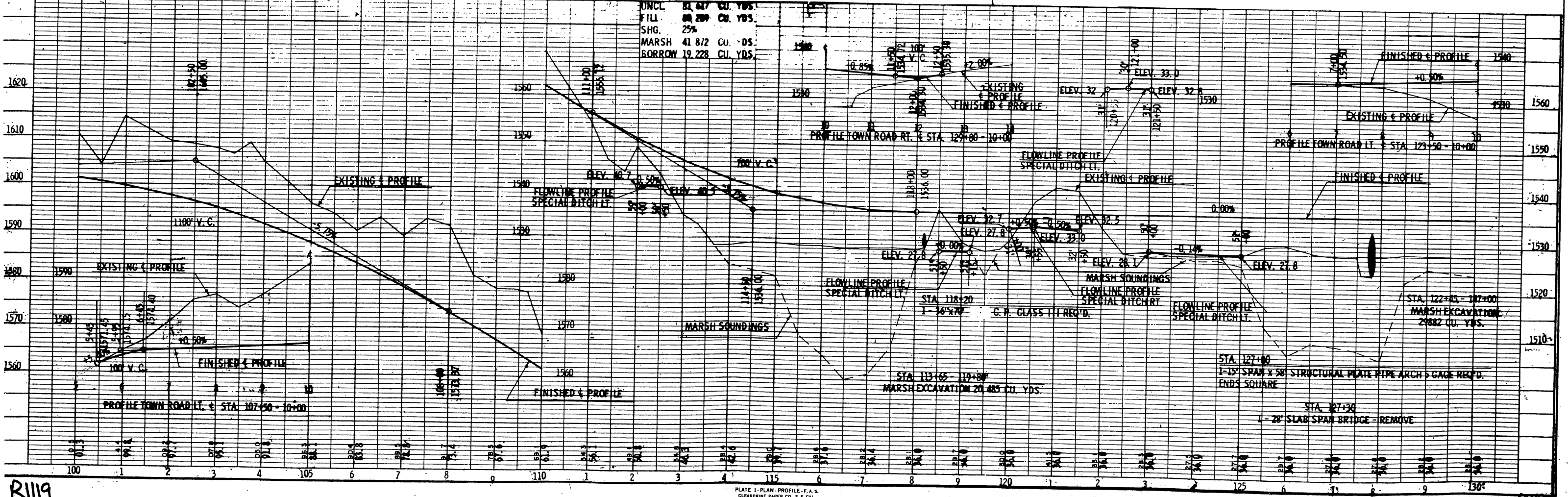


BENCH MARKS

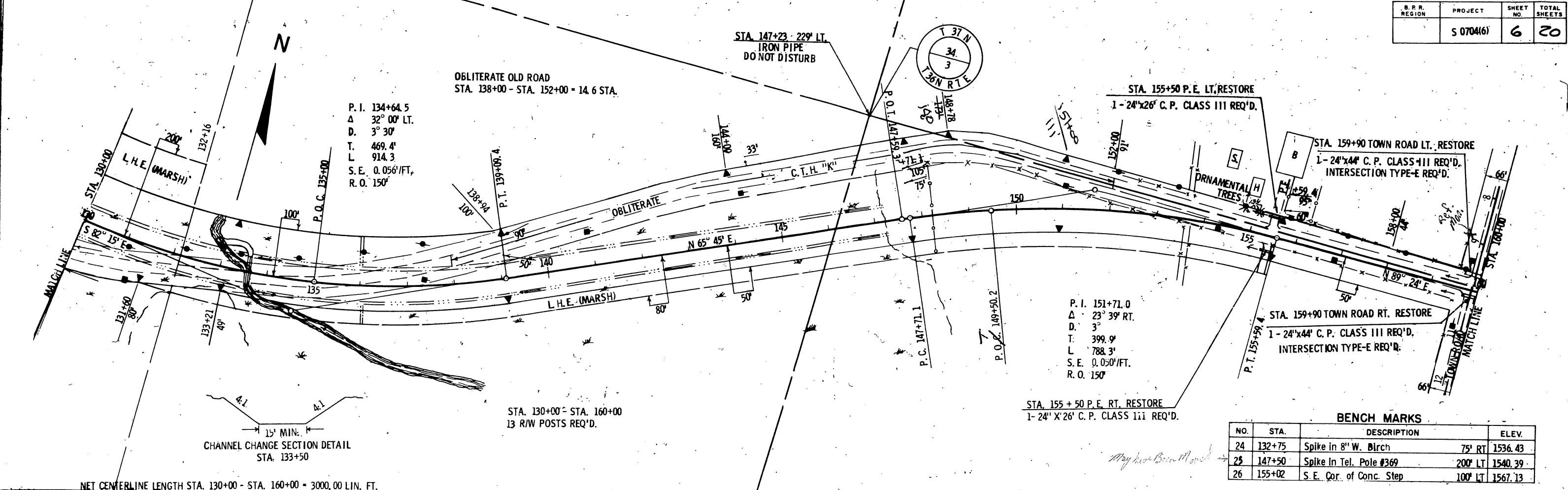
NO.	STA.	DESCRIPTION	ELEV.
20	99+60	Spike in 10' aspen	120' RT. 1605.95
21	108+45	Spike in 10' v. birch	125' LT. 1584.35
22	114+35	Spike in 10' aspen	120' LT. 1533.87
23	124+60	Spike in 10' aspen	125' LT. 1529.44

NET CENTERLINE LENGTH STA. 100+00 - STA. 130+00 = 3000.00 LIN. FT.

UNCL. 81.47 CU. YDS.
 FILL 88.28 CU. YDS.
 SHG. 25%
 MARSH 41.87 CU. YDS.
 BORROW 19.228 CU. YDS.



B.P.R. REGION	PROJECT	SHEET NO.	TOTAL SHEETS
S 070416)		6	20

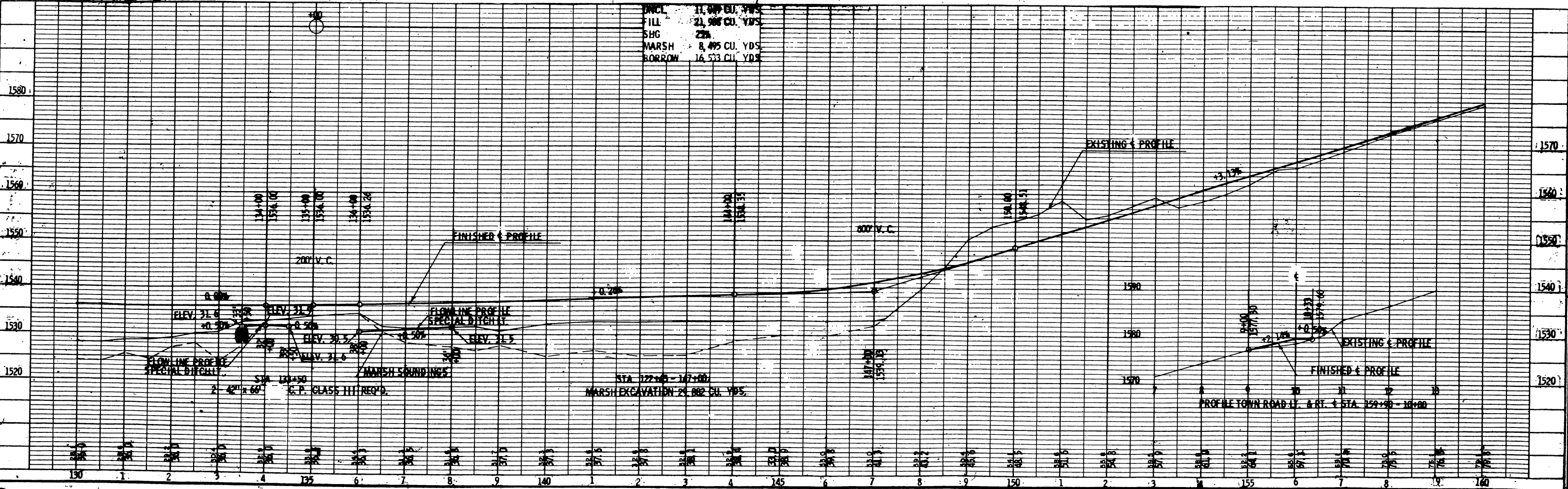


BENCH MARKS

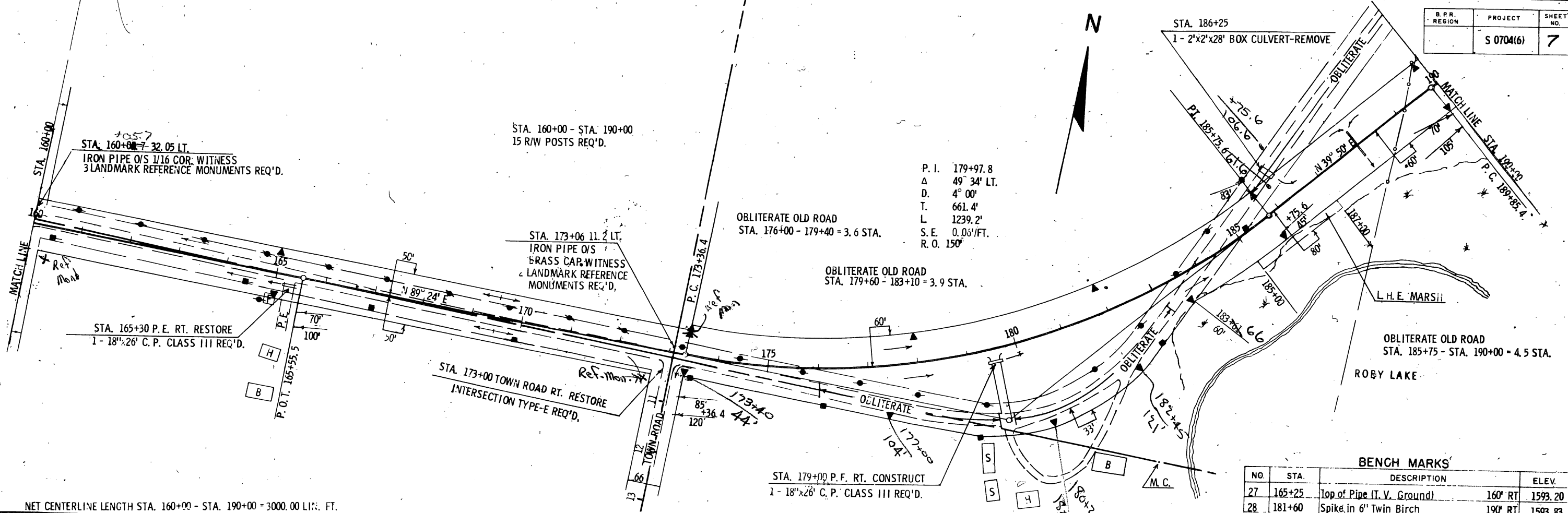
NO.	STA.	DESCRIPTION	ELEV.
24	132+75	Spike in 8" W. Birch	75' RT 1536.43
25	147+50	Spike in Tel. Pole #369	200' LT 1540.39
26	155+02	S.E. Cor. of Conc. Step	100' LT 1567.13

Summary of earthwork quantities:

CUT	11,440 CU. YDS
FILL	21,986 CU. YDS
SHG	278
MARSH	8,495 CU. YDS
BORROW	16,533 CU. YDS

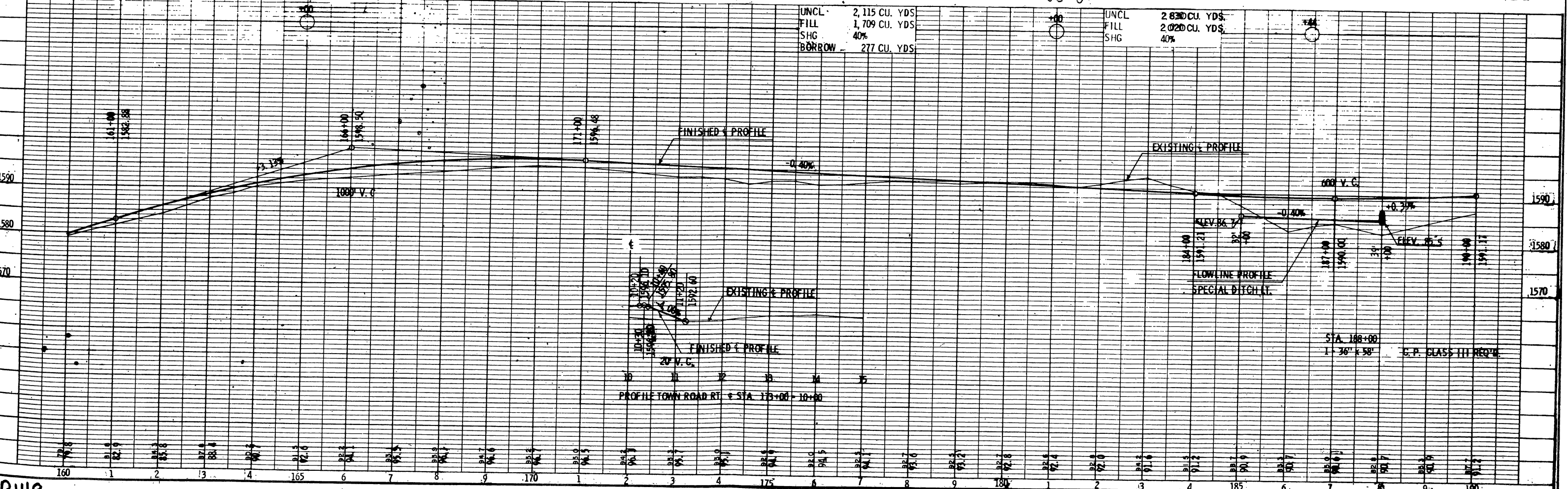


B.P.R. REGION	PROJECT	SHEET NO.	TOTAL SHEETS
	S 0704(6)	7	20

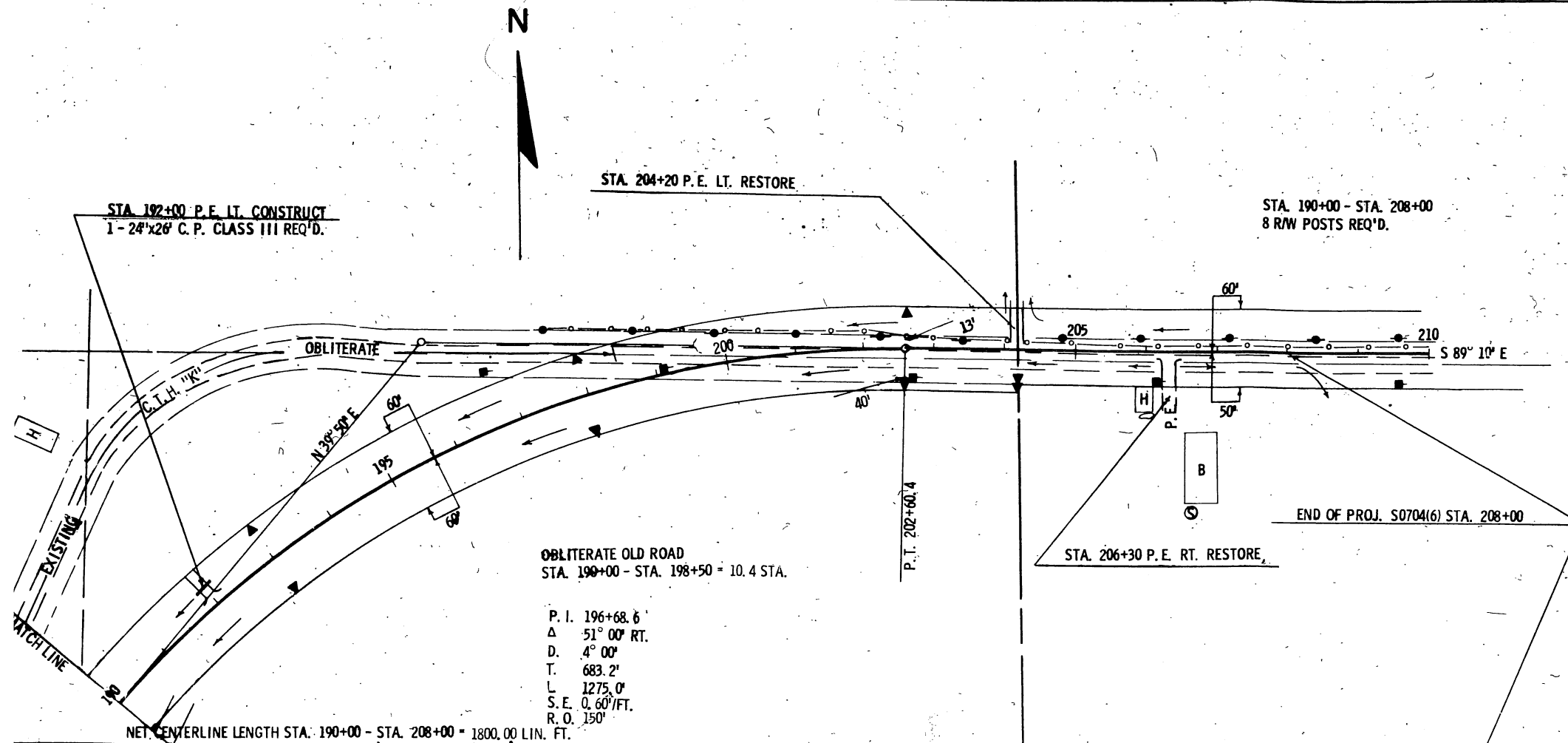


NET CENTERLINE LENGTH STA. 160+00 - STA. 190+00 = 3000.00 LIN. FT.

UNCL	2,115 CU. YDS	UNCL	2,830 CU. YDS
FILL	1,709 CU. YDS	FILL	2,020 CU. YDS
SHG	40%	SHG	40%
BORROW	277 CU. YDS		



B. F. R. REGION	PROJECT	SHEET NO.	TOTAL SHEETS
	S 0704(6)	8	20



OBLITERATE OLD ROAD
STA. 190+00 - STA. 198+50 = 10.4 STA.

P. I. 196+68.6
Δ 51° 00' RT.
D. 4° 00'
T. 683.2'
L. 1275.0'
S. E. 0.60'/FT.
R. O. 150'

NET CENTERLINE LENGTH STA. 190+00 - STA. 208+00 = 1800.00 LIN. FT.

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
29	196+80	Spike in tel. pole #325	150' LT, 1595.60
30	210+30	Spike in 18" w. pine	105' LT, 1599.47

UNCL. 6,091 CU. YDS.
FILL 4,366 CU. YDS.
SHG 40%
BORROW 21 CU. YDS.

UNCL. 2,259 CU. YDS.
FILL 1,612 CU. YDS.
SHG 40%

