COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		B.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
43.6	704.0		11.5	4 WIS.	1	19

R1118

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2 TYPICAL CROSS SECTIONS
SHEET NO. 2 ESTIMATE OF QUANTITIES
SHEET NO. 3-3A MISCELLANEOUS QUANTITIES
SHEET NO. - RIGHT OF WAY PLAT
SHEET NO. 4-7 PLAN AND PROFILE STA. 65+19 TO STA. 161+00
SHEET NO. 8-8.5 STANDARD DETAILS
SHEET NO. 9-12 TEMPLATE LISTINGS
SHEET NO. 13-19 EARTHWORK ESTIMATES

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

ONEIDA LAKE — RHINELANDER ROAD

C.T.H. "K"

ONEIDA COUNTY

PROJECT S 0704 (5)

As Built Plan

Constructed: 1965-1968

Contractor: Oneida County

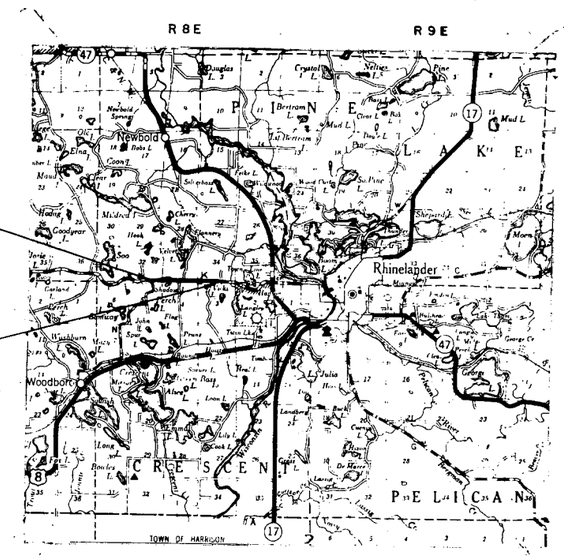
Proj. Eng: J. Martinson

Diary 8644

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.

BEGINNING OF PROJECT S 0704 (5)
STA. 65+19 = STA. 65+19 END PROJ. S 0704 (3) = STA. 241+81 F A P 230
1419' W. & 39' S. OF THE N.E. COR., SEC. 5, T36N, R8E.

END OF PROJECT S 0704 (5)
STA. 161+00 = STA. 141+15 F.A.P. 230
197' E. OF THE N. 1/4, SEC. 3, T36N, R8E.



N

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 — +61.7 / 25.9
MARSH
HEDGE
TREES
GROUND ELEVATION — DATUM LINE — 73.9
GRADE ELEVATION — DATUM LINE — 75.16

LAYOUT

SCALE 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 1.815 MI.

MAP # R1118
DATE FILED 3/1/18
BY MLO
DESCRIPTION
ONEIDA CO. SURVEYOR'S OFFICE

STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.

SURVEYOR OHM NOTE BOOK IBM 2248 226
DIVISION COMPUTER MC NOWN M. O. CHECKER RLC
DISTRICT CHECKER P. JOHNSON CORRECT

CORRECT:
DATE 2/16/65 May Tuttle DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 3/1/65 E. J. Barkid CHIEF DESIGN ENGINEER

APPROVED:
DATE 3/1/65 E. C. Ruettiger STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:
DATE

DIVISION ENGINEER

ESTIMATE OF QUANTITIES

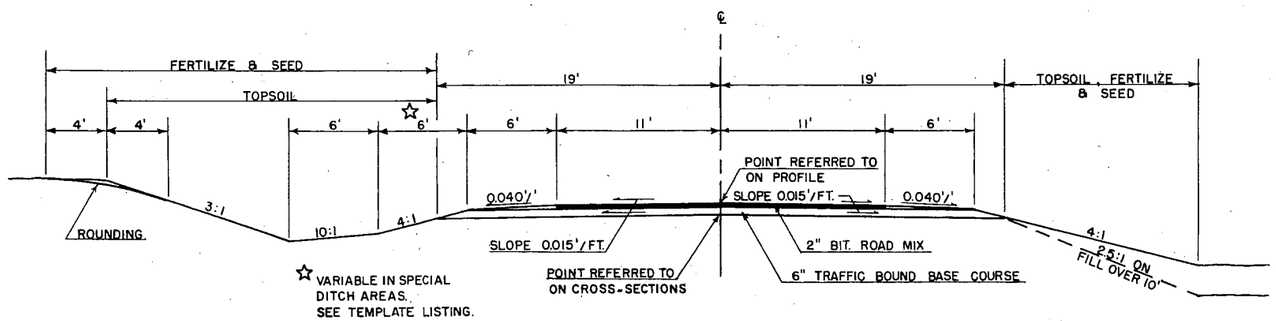
CONTRACT NO. 1

B.P.R. REGION	PROJECT	SHEET NO.
4	S 0704 (5)	2

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.

SEC. NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	CLEARING	GRUBBING	GRUBBING	UNCLASSIFIED EXCAVATION	STONE PILES AND STONE FENCES	MARSH EXCAVATION	BORROW EXCAVATION	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	APRON ENDWALLS FOR CULVERT PIPE, 18-INCH	APRON ENDWALLS FOR CULVERT PIPE, 24-INCH	MARKER POSTS	MARKER POSTS FOR RIGHT-OF-WAY	LANDMARK REFERENCE MONUMENTS	SALVAGED TOPSOIL	FERTILIZER	SEEDING	SODDING
	ITEM NO.		20101	20103	20104	20106	20503	20504	20505	20801	21301	21401	30501	40401	40403	40406	52003	52005	52061	52063	61421	61422	62101	62505	62901	63001	63101
	UNIT	LIN. FT.	STA.	ACRE	STA.	ACRE	CU.YD.	CU.YD.	CU.YD.	CU.YD.	LUMP SUM	STA.	CU.YD.	SQ.YD.	GALLON	CU.YD.	LIN.FT.	LIN.FT.	EACH	EACH	EACH	EACH	EACH	SQ.YD.	CWT.	SQ.YD.	SQ.YD.
	65+19 – 161+00	9581.00	18	8.7	18	6.4	94,152	265	14,332	26,115	1	12.9	9700	24,000	34,000	1700	244	734	18	26	53	75	5	68,000	81	90,000	540
	TOTALS	9581.00	18	8.7	18	6.4	94,152	265	14,332	26,115	1	12.9	9700	24,000	34,000	1700	244	734	18	26	53	75	5	68,000	81	90,000	540

* INCLUDES SHOULDER GRAVEL



FINISHED SECTION

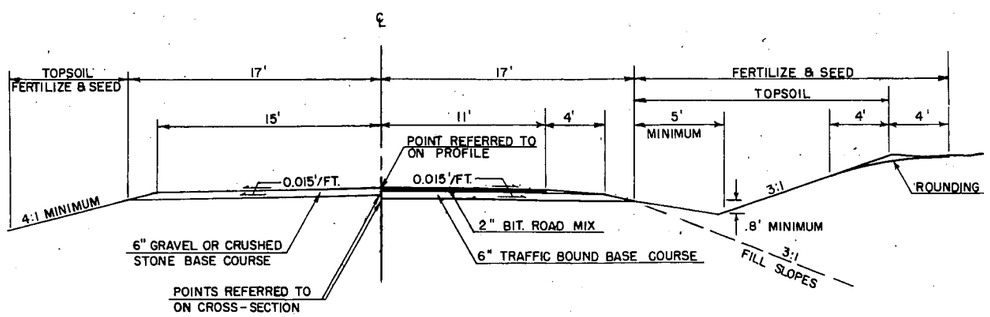
STA. 65+19 – 161+00

GENERAL NOTES

1. WHEN THE QUANTITY OF THE ITEMS OF BASE, SUBBASE 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 AS DIRECTED BY THE ENGINEER.
2. 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 FULL 2" DEPTH WITH THE EXCEPTION OF A 2' VERTICAL CURVE ON THE HIGH SIDE OF THE CURVE, CENTERED 17' FROM CENTERLINE.
3. SALVAGE TOPSOIL SHALL BE PLACED TO AN APPROXIMATE DEPTH OF 3" AT THE TIME OF PLACING.

APPLICABLE STANDARD DETAIL DRAWINGS

6-2.6.3 APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH.
7-1.3.4 MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY.
7-4.1.4 CONSTRUCTION BARRICADE
8-1.3.1 DITCH CHECKS, MORTER RUBBLE MASONRY & SOD.
9-1.1.4 DESIGN AND LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTIONS.
12-1.1.2 LANDMARK REFERENCE MONUMENTS.

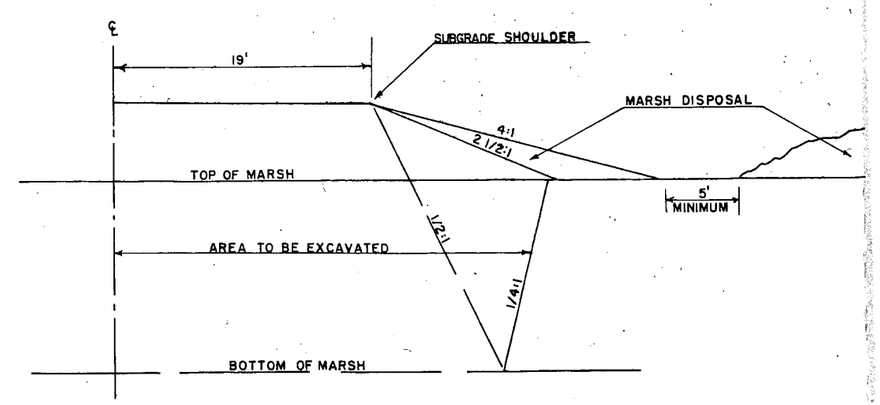


1/2 SECTION SIDE ROAD GRAVEL SURFACE

STA. 106+35 RT.
STA. 153+14 RT.

1/2 SECTION SIDE ROAD BITUMINOUS SURFACE

STA. 66+40 RT.
STA. 112+00 LT.



1/2 SECTION SHOWING MARSH EXCAVATION

R 1118

SHEET NO. 2

PROJECT	SHEET NO.	TOTAL SHEETS
S 0704(5)	3	19

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

CLEARING & GRUBBING

LOCATION	CLEARING ACRE	CLEARING STA.	GRUBBING ACRE	GRUBBING STA.
65+19 - 73+00		0		0
73+00 - 85+00	0.9		0.9	
85+00 - 110+00	5.3		5.3	
110+00 - 115+00		0		0
115+00 - 118+00		3		3
118+00 - 120+00		0		0
120+00 - 121+00		1		1
121+00 - 122+00		0		0
122+00 - 124+00		2		2
124+00 - 126+00		0		0
126+00 - 135+00		9		9
135+00 - 136+00		0		0
136+00 - 139+00		3		3
139+00 - 161+00	2.5		0.2	
TOTALS	8.7	18	6.4	18

STONE PILES & STONE FENCES

LOCATION		CU.YDS.
74+40 - 74+70	Lt.	7
75+10 - 75+20	Lt.	4
75+50 - 76+40	Lt.	100
76+50 - 77+00	Lt.	19
77+30 - 79+40	Lt.	120
102+25 ℄		15
TOTAL		265

TRAFFIC BOUND BASE COURSE

LOCATION	CU.YDS.
65+19 - 161+00	8,000
Shoulders	770
Approach 161+00 - 162+00	80
P.E.s	400
Tn.Rds.	450
TOTAL	9,700

OBLITERATING OLD ROAD

LOCATION	STAS.
Sta. 90+50 - 99+80 Rt.	9.9
Sta. 103+50 - 106+50 Lt.	3.0
TOTAL	12.9

LANDMARK REFERENCE MONUMENTS

LOCATION	NO.
Sta. 79+33 Rt.	1
Sta. 106+13 Lt.	1
Sta. 132+66 Rt.	1
Sta. 159+03 ℄	2
TOTAL	5

MARKER POSTS FOR RIGHT OF WAY

STATION-STATION	NO.
65+19 - 80+00	7
80+00 - 110+00	33
110+00 - 140+00	24
140+00 - 161+00	11
TOTAL	75

MARKER POSTS

LOCATION	NO.
85+50 - 89+50 Lt.	9
86+00 - 90+50 Rt.	10
97+50 - 98+50 Lt.	3
103+25 - 104+25 Lt.	3
102+50 - 105+00 Rt.	6
119+50 - 122+00 Rt.	6
Culvert Schedule	16
TOTAL	53

R1118

PROJECT	SHEET NO.	TO[TAL] SH[EETS]
S 0704(5)	3A	

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

CULVERT SCHEDULE

STATION	APP.	LOCATION ℄	LOCATION LT.	LOCATION RT.	CLASS III 18"	CLASS III 24"	APRON ENDWALLS 18"	APRON ENDWALLS 24"	MARKER POSTS
77+16	P.E.		x		32		2		
80+58	P.E.			x		32		2	
81+98	P.E.		x			34		2	
83+79	P.E.		x			40		2	
85+00	P.E.			x		26		2	
93+35	P.E.		x		26		2		
96+40	P.E.			x	26		2		
97+80		x				88		2	2
103+25		x				102		2	2
106+40	Tn.Rd.			x		50		2	
106+50	P.E.		x		26		2		
113+50	P.E.			x	30		2		
119+00		x				64		2	2
132+50		x				60		2	2
135+45	P.E.		x		26		2		
136+16	P.E.			x	26		2		
141+00		x				86		2	2
146+40		x				46		2	2
148+03	P.E.		x		26		2		
151+00		x				60		2	2
156+95	P.E.		x		26		2		
157+90		x				46		2	2
TOTALS					244	734	18	26	16

SODDING

LOCATION	TYPE	SIZE	NO.	SQ.YDS.
84+00 - 85+50 Lt. & Rt.	Checks	6'x15'	8	80
92+00 - 97+00 Lt. & Rt.	Checks	6'x15'	26	260
130+00 - 132+00 Lt. & Rt.	Checks	6'x15'	8	80
136+50 - 138+50 Lt. & Rt.	Checks	6'x15'	12	120
TOTAL				540

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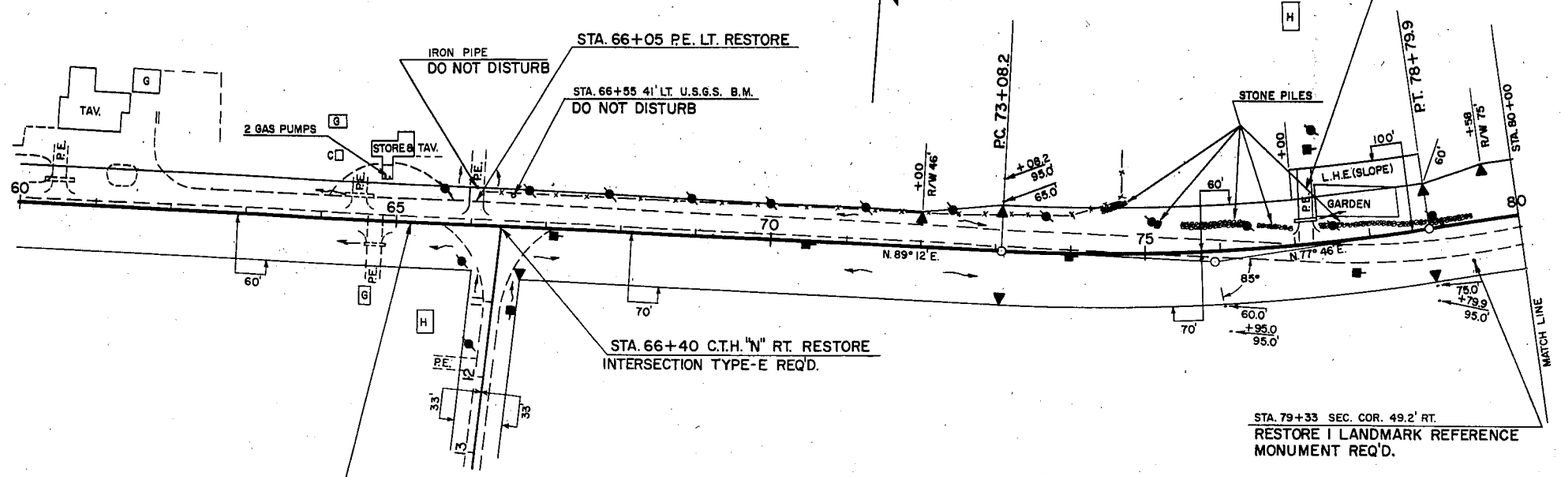
B. P. R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	S 0704(5)	4	19

STA. 65+19 – STA. 80+00
7 R/W POSTS REQ'D.

N

P.I. 75+95.0
Δ. 11° 26' LT.
D. 2° 00'
T. 286.8'
L. 571.7'
S.E. 0.035'/FT.
R.O. 150'

STA. 77+16 P.E. LT. RESTORE
1-18"X32' C.P. CLASS III REQ'D.



STA. 79+33 SEC. COR. 49.2' RT.
RESTORE 1 LANDMARK REFERENCE MONUMENT REQ'D.

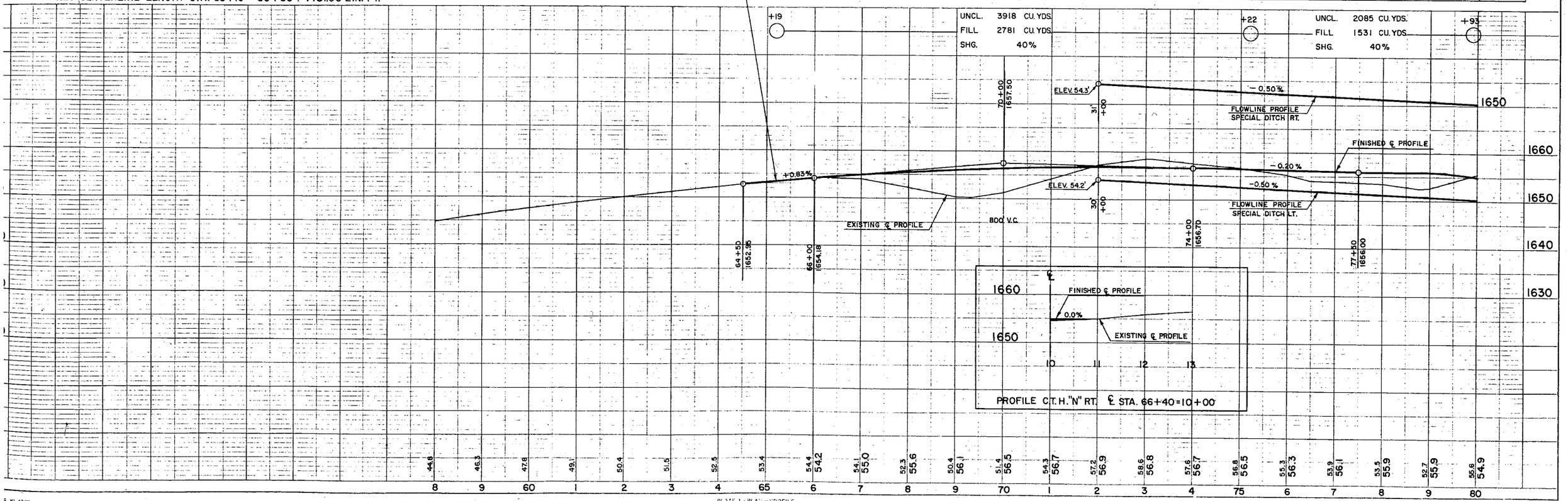
R1118

BEGIN PROJECT S 0704(5) STA. 65+19

NET CENTERLINE LENGTH STA. 65+19 – 80+00 = 1481.00 LIN. FT.

BENCH MARKS

NO.	STATION	DESCRIPTION			ELEV.
11	51+25	SPIKE IN 12" OAK	130' LT.		1644.27
12	63+60	" IN 30" OAK	78' LT.		1653.57
13	72+50	" IN 8" ASPEN	95' LT.		1658.12
14	82+70	" IN 10" OAK	95' LT.		1657.16



PLAN & PROFILE STA. 65+19 – 80+00

PLATE 1 - PLAN & PROFILE

STA. 81+98 P.E. LT. RESTORE
1-24" X 34' C.P. CLASS III REQ'D.

STA. 83+79 P.E. LT. RESTORE
1-24" X ~~40~~ 46' C.P. CLASS III REQ'D.

STA. 90+00 P.E. LT. RESTORE

STA. 93+35 P.E. LT. RESTORE
1-24" X 26' C.P. CLASS III REQ'D.

STA. 80+00 – STA. 110+00
33 R/W POSTS REQ'D.

P.I.	100+78.8
Δ	10° – 44' LT.
D	2° – 00'
T	269.1'
L	536.7
S.E.	0.035'/FT.
R.O.	150'

STA. 100+90 P.E. LT. RESTORE

STA. 101+50 P.E. LT. RESTORE

STA. 106+50 P.E. LT. RESTORE
1-18" X 26' C.P. CLASS III REQ'D.

STA. 85+00 P.E. RT. RESTORE
1-24" X 26' C.P. CLASS III REQ'D.

P.I.	87+91.4
Δ	23° – 17' RT.
D	3° – 00'
T	393.5'
L	776.1'
S.E.	0.050'/FT.
R.O.	150'

STA. 91+40 P.E. RT. CONSTRUCT

STA. ~~80~~ +58 P.E. RT. RESTORE
1-24" X ~~32~~ 34' C.P. CLASS III REQ'D.
Moved To STA. 82+50 RT.

STA. 92+00 P.E. RT. RESTORE

STA. 96+40 P.E. RT. CONSTRUCT
1-18" X 26' C.P. CLASS III REQ'D.

STA. 99+90 P.E. RT. RESTORE

STA. 106+40 TN. RD. RT. RESTORE
1-24" X 50' C.P. CLASS III REQ'D.
INTERSECTION TYPE-E REQ'D.

OBLITERATE OLD ROAD
STA. 90+50 – STA. 99+80 = 9.9 STA.
STA. 103+50 – STA. 106+50 = 3.0 STA.

STA. 106+13 23.4' LT. IRON PIPE 1/4 COR.
RESTORE 1 LANDMARK REFERENCE MONUMENT REQ'D.

BENCH MARKS

NO	STATION	DESCRIPTION				ELEV
14	82+70	SPIKE	IN	10" OAK	9.5' LT.	1657.16
15	91+75	"	IN	8" W. BIRCH	130' RT.	1627.18
16	102+15	"	IN	14" W. PINE	120' LT.	1614.37
17	112+68	PAINT ON 3'X3' BOULDER			61' LT.	1633.22

NET CENTERLINE LENGTH STA. 80+00 – 110+00 = 3000.00 LIN. FT.

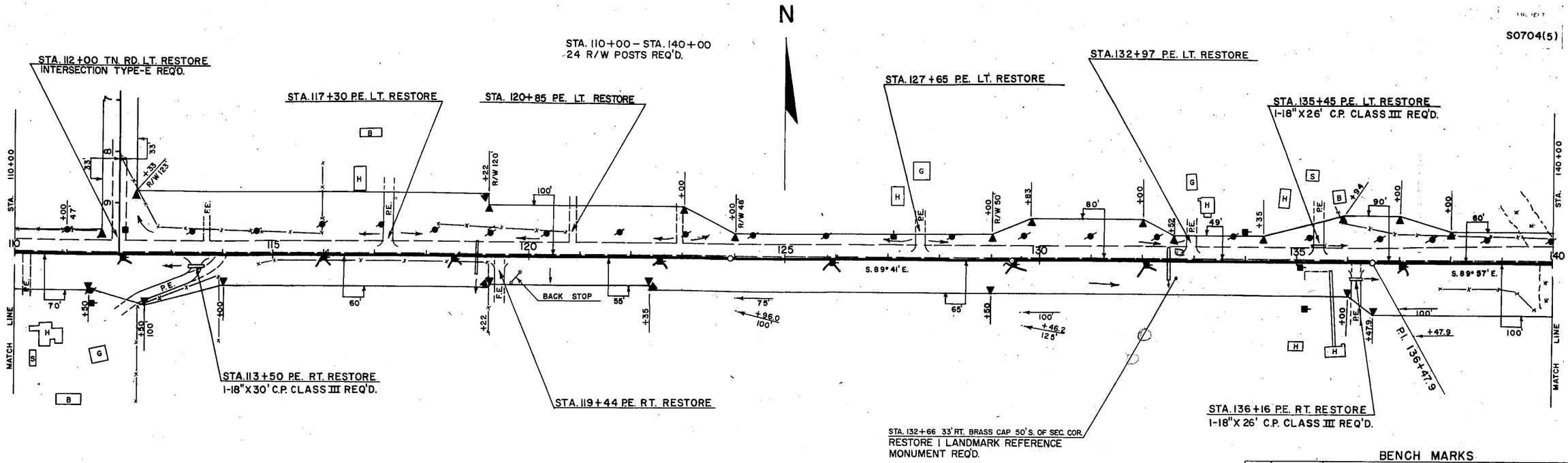
UNCL. 10,031 CU. YDS.
FILL 8,024 CU. YDS.
SHG. 25 %

UNCL. 32,350 CU. YDS.
FILL 25,879 CU. YDS.
SHG. 25 %

UNCL. 15,426 CU. YDS.
FILL 12,062 CU. YDS.
SHG. 25 %
MARSH 245 CU. YDS.

UNCL. 8325 CU. YDS.
FILL 6660 CU. YDS.
SHG. 25 %

FLOWLINE PROFILE SPECIAL DITCH LT.
1000' V.C.
ELEV. 48.2
FLOWLINE PROFILE SPECIAL DITCH RT.
ELEV. 48.8'
EXISTING ℄ PROFILE
FINISHED ℄ PROFILE
PROFILE P.E. LT. ℄ STA. 90+00 = 10+00
PROFILE TN. RD. RT. ℄ STA. 106+40 = 10+00
800' V.C.
ELEV. 16.0'
ELEV. 16.8'
ELEV. 16.3'
ELEV. 25.9'
FLOWLINE PROFILE SPECIAL DITCH RT.
500' V.C.
MARSH SOUNDINGS
STA. 97+80
1-24" X 88' C.P. CLASS III REQ'D.
STA. 103+25
1-24" X 102' C.P. CLASS III REQ'D.



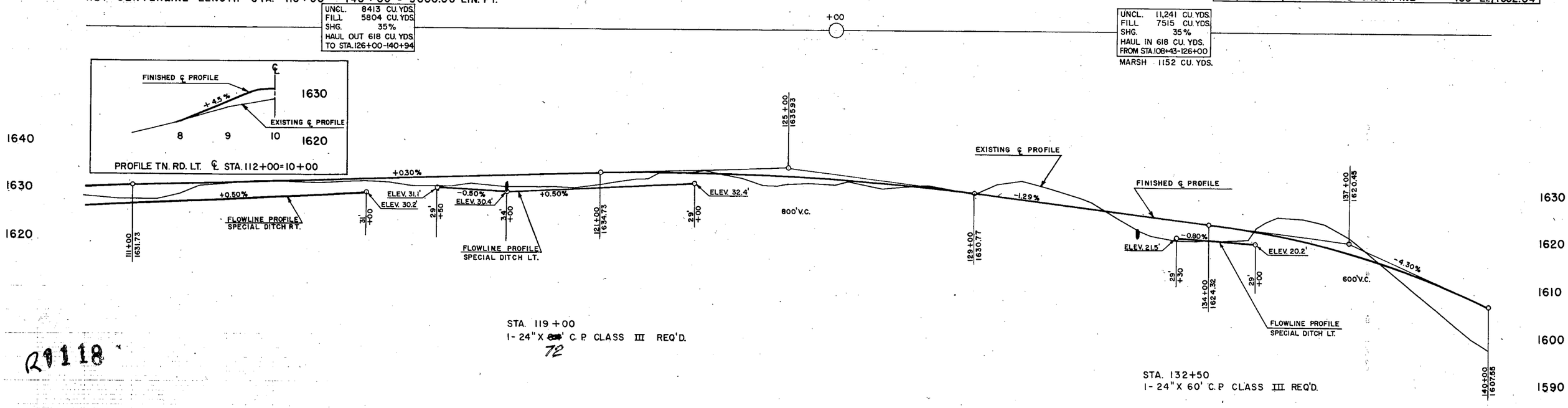
BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
17	112+68	PAINT ON 3'X3' BOULDER 61' LT.	1633.22
18	122+69	SPIKE IN 8" TWIN OAKS 61' LT.	1633.65
19	133+28	PAINT ON S.E. CORNER 1ST. STEP 82' LT.	1624.21
20	140+38	SPIKE IN 8" JACK PINE 105' LT.	1602.04

NET CENTERLINE LENGTH STA. 110+00 — 140+00 = 3000.00 LIN. FT.

UNCL. 8413 CU. YDS.
FILL 5804 CU. YDS.
SHG. 35%
HAUL OUT 618 CU. YDS.
TO STA. 126+00-140+94

UNCL. 11,241 CU. YDS.
FILL 7515 CU. YDS.
SHG. 35%
HAUL IN 618 CU. YDS.
FROM STA. 108+43-126+00
MARSH 1152 CU. YDS.



R 1118

PLAN & PROFILE STA. 110+00-STA. 140+00

STA. 140+00 – STA. 161+00
11 R/W POSTS REQ'D.

STA. 144+10 P.E. LT. RESTORE
1-15"X 28' C.P. REMOVE

STA. 147+00 P.E. LT. RESTORE

STA. 148+03 P.E. LT. RESTORE
1-18"X 26' C.P. CLASS III REQ'D.

STA. 151+75 P.E. LT. RESTORE

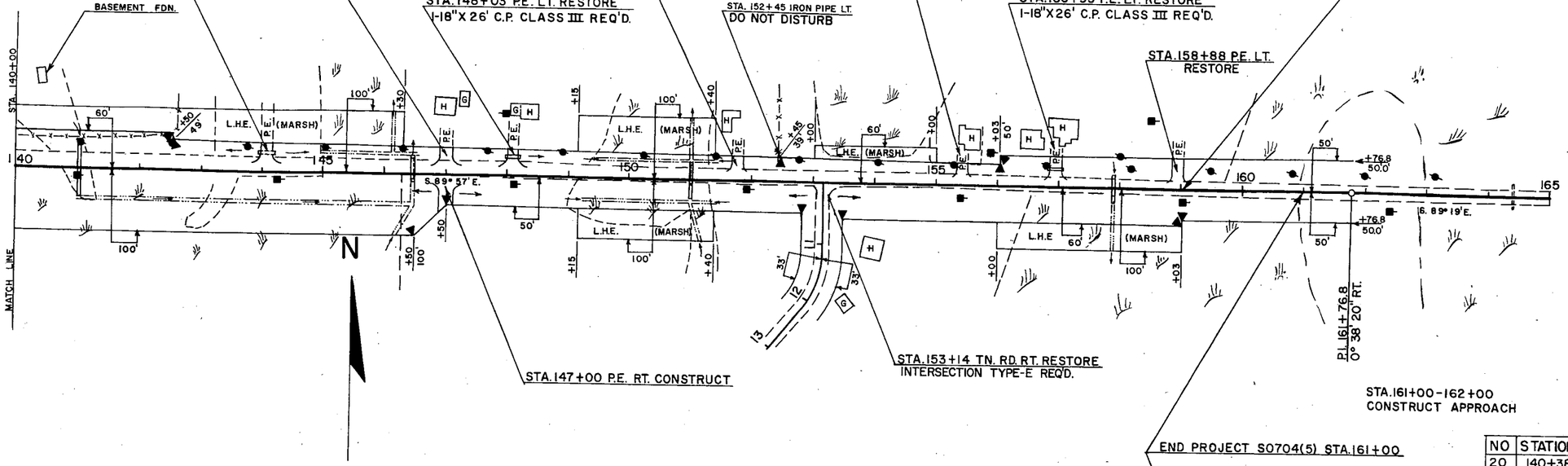
STA. 152+45 IRON PIPE LT.
DO NOT DISTURB

STA. 155+42 P.E. LT. RESTORE

STA. 156+95 P.E. LT. RESTORE
1-18"X26' C.P. CLASS III REQ'D.

STA. 158+88 P.E. LT.
RESTORE

STA. 159+03 I.P. 1/4 COR.
WITNESS 2 LANDMARK REFERENCE
MONUMENTS REQ'D.



STA. 161+00 – 162+00
CONSTRUCT APPROACH

END PROJECT S0704(5) STA. 161+00

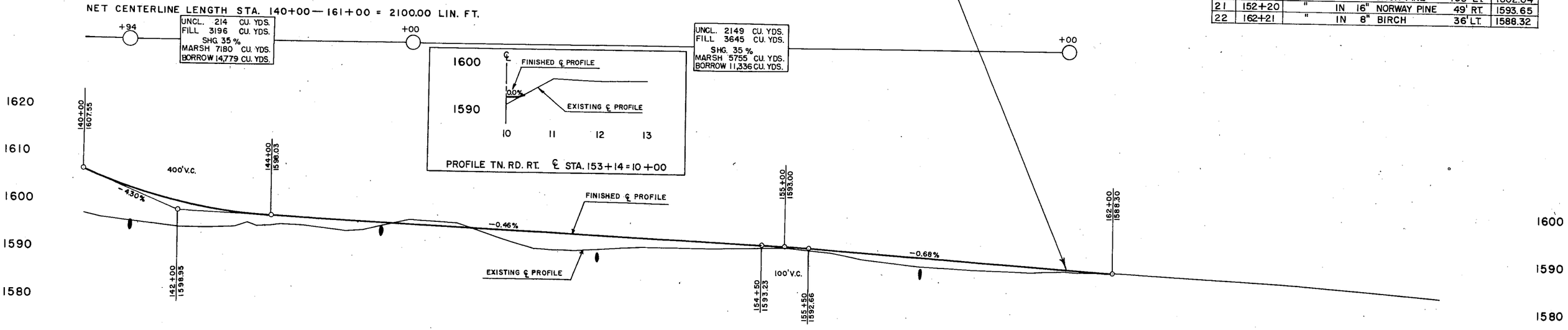
BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
20	140+38	SPIKE IN 8" JACK PINE 105' LT	1602.04
21	152+20	" IN 16" NORWAY PINE 49' RT.	1593.65
22	162+21	" IN 8" BIRCH 36' LT.	1588.32

NET CENTERLINE LENGTH STA. 140+00 — 161+00 = 2100.00 LIN. FT.

UNCL. 214 CU. YDS.
FILL 3196 CU. YDS.
SHG. 35 %
MARSH 7180 CU. YDS.
BORROW 14,779 CU. YDS.

UNCL. 2149 CU. YDS.
FILL 3645 CU. YDS.
SHG. 35 %
MARSH 5755 CU. YDS.
BORROW 11,336 CU. YDS.



STA. 141+00
1-24"X 86' C.P. CLASS III REQ'D.

STA. 146+40
1-24"X 46' C.P. CLASS III REQ'D.
1-24"X 24"X 34' BOX CULV.-REMOVE

STA. 151+00
1-24"X60' C.P. CLASS III REQ'D.
1-18"X 34' C.P.-REMOVE

STA. 157+90
1-18"X32' C.P. REMOVE
1-24"X 46' C.P. CLASS III REQ'D.

R1118

98.4	96.7	95.2	95.3	95.9	95.6	95.2	97.3	96.9	93.7	91.3	91.6	92.2	92.2	92.2	92.5	91.7	90.9	89.0	88.8	88.4	88.4	88.3	88.0	87.2	86.8	86.3	85.4	84.9	84.0
07.6	03.7	00.9	99.0	98.0	97.6	97.1	96.7	96.2	95.8	95.3	94.8	94.4	93.9	93.5	93.0	92.3	91.7	91.0	90.3	89.6	89.0								
140	1	2	3	4	145	6	7	8	9	150	1	2	3	4	155	6	7	8	9	160	1	2	3	4	165	6	7	8	9