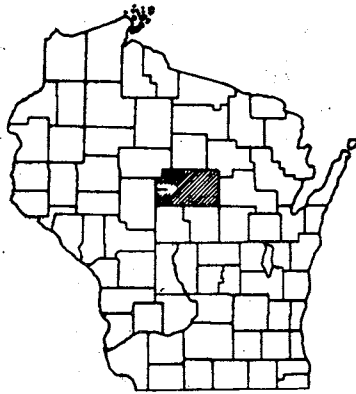


INDEX OF SHEETS

SHEET NO. 1	TITLE
SHEET NO. 1	TYPICAL CROSS SECTIONS
SHEET NO. 2	ESTIMATE OF QUANTITIES
SHEET NO. —	MISCELLANEOUS QUANTITIES
SHEET NO. —	RIGHT OF WAY PLAT
SHEET NO. 3-10	PLAN AND PROFILE STA. 6 + 03 TO STA. 248 + 70.4
SHEET NO. 11	STANDARD DETAILS
SHEET NO. —	DRAINAGE STRUCTURES
SHEET NO. —	CROSS SECTIONS



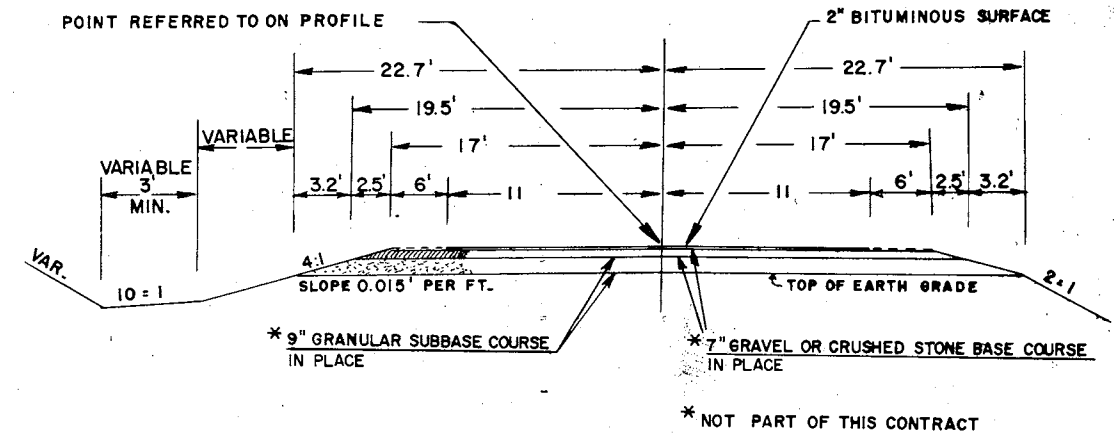
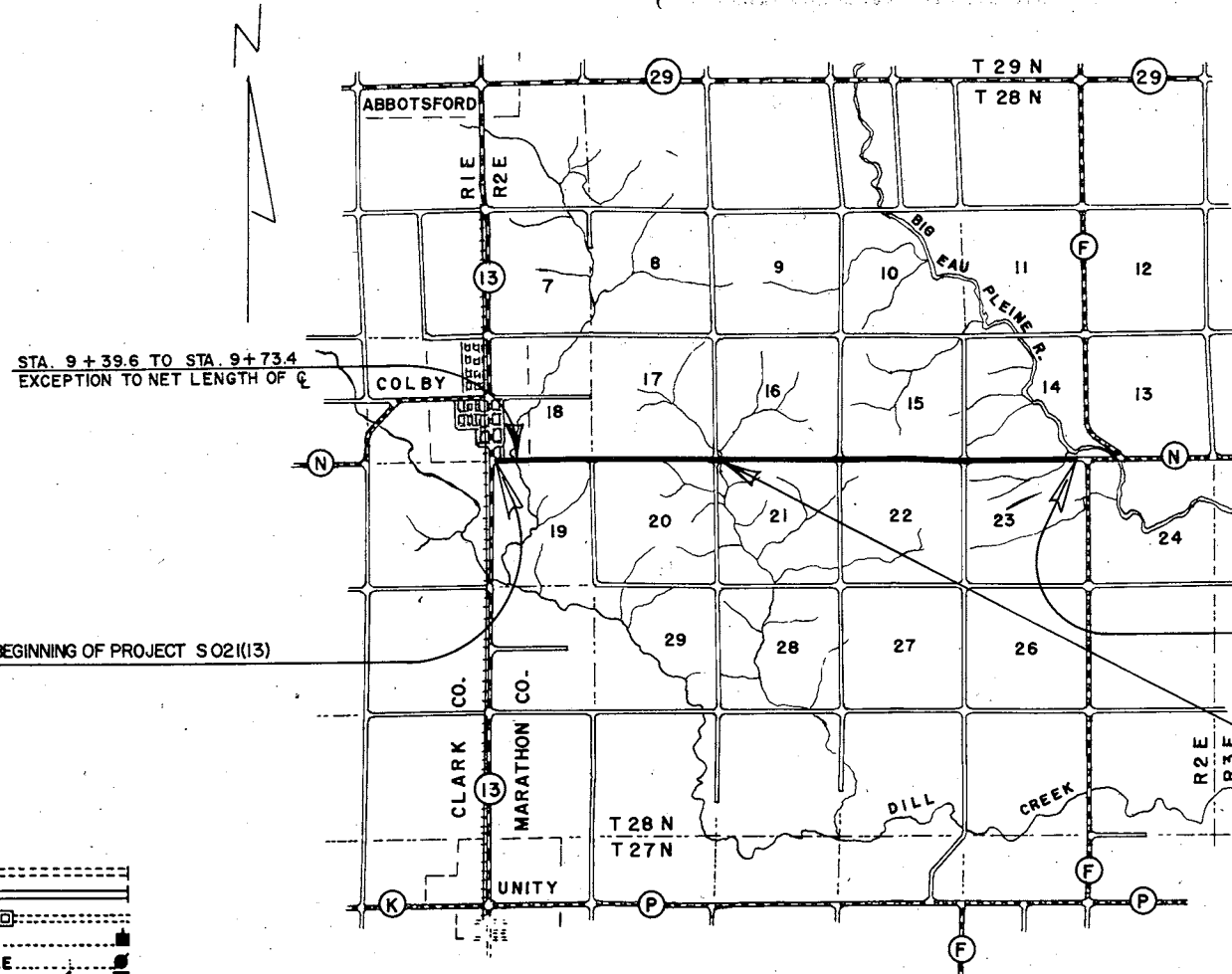
STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
37.6	21.0		11.14	WIS. 4	1	11

PLAN AND PROFILE OF PROPOSED
COLBY - CHEROKEE ROAD
MARATHON COUNTY
PROJECT S 021 (14)

C.T.H. N

SCALES { PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.



BEGINNING OF PROJECT S 021(14)=BEGINNING OF PROJECT S 021(13)
STA. 6 + 03 =
951.0 W. OF N. 1/4 COR. SEC. 19

END OF PROJECT S 021(14)=END OF PROJECT S 021(13)
STA. 248 + 70.4 = 300' W. OF NE COR. OF SEC. 23 =
STA. 7 + 00 BEGINNING OF PROJECT S 021(11)

STA. 95 + 54.5 TO STA. 95 + 81.6
EXCEPTION TO NET LENGTH OF C

CONVENTIONAL SIGNS

STATE LINE	.....	CULVERTS IN PLACE	.....
COUNTY LINE	-----	CULVERTS REQUIRED	.....
TOWNSHIP OR RANGE LINE	-----	DROP INLET	.....
SECTION LINE	-----	POWER POLE	.....
NEW RIGHT OF WAY LINE	-----	TELEPHONE OR TELEGRAPH POLE	.....
PRESENT RIGHT OF WAY LINE	-----	RIGHT OF WAY MARKERS	.....
WIRE FENCE { WOVEN	-----	REFERENCE STAKE FOR HUBS ONLY	.....
{ BARBED	-----	MARSH	.....
LOT LINE	-----	HEDGE	.....
CORPORATE OR CITY LIMITS	-----	TREES	.....
PROPERTY LINE	-----	GROUND ELEVATION	DATUM LINE 73.9
TRAVELED WAY OR P.E.	-----	GRADE ELEVATION	DATUM LINE 73.6
RAILROADS	-----		
BASE OR SURVEY LINE	-----		

LAYOUT

SCALE | ONE MILE |

TOTAL NET LENGTH OF CENTERLINE - 4.585 MI.

STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WISCONSIN	
SURVEYOR: C. E. C.	NOTE BOOK: N-78
DISTRICT COMPUTER: M. O. CHECKER: W. H. B.	DISTRICT CHECKER: CORRECT
CORRECT:	
DATE: 3/1/65	<i>E. J. Borkitt</i> DISTRICT ENGINEER
RECOMMENDED FOR APPROVAL:	
DATE: 3/1/65	<i>E. J. Borkitt</i> ENGINEER OF DESIGN
APPROVED:	
DATE: 3/1/65	<i>E. C. Rustin</i> STATE HIGHWAY ENGINEER
DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
APPROVED:	DATE:
DISTRICT ENGINEER	

ESTIMATE OF QUANTITIES

CONTRACT NO. _____

PROJECT	SHEET NUMBER	TOTAL SHEETS
S021 (14)	2	//

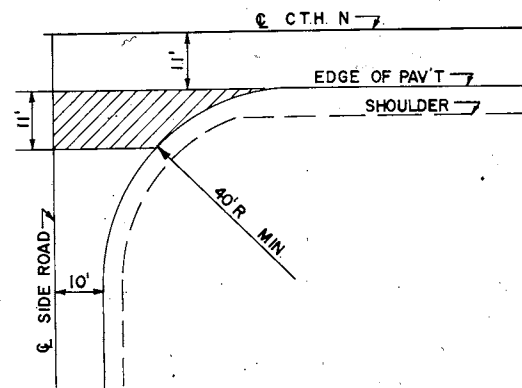
THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1963, APPROVED OCTOBER 16, 1963, FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED OCTOBER 29, 1963, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

STATION TO STATION	NET LENGTH OF CENTER LINE	PREPARATION OF FOUNDATION FOR BITUMINOUS PAVING	GRAVEL OR CRUSHED STONE BASE COURSE	BITUMINOUS MATERIAL FOR PRIME COAT	SINGLE AGGREGATE BITUMINOUS SURFACE	BITUMINOUS MATERIAL FOR SURFACE COURSE	SUBBASE		BASE		SURFACE		TOTAL	
							TON	CY	TON	CY	TON	CY	TON	CY
ITEM NO.		21101	30402	40202	40601	40602								
UNIT	LIN. FT.	LUMP SUM	TON	GALLONS	TON	TON								
6 + 03 - 248 + 70.4	24,206.5	1	4050	16,500	6630	400								
TOTAL	24,206.5	1	4050	16,500	6630	400								

GENERAL NOTE

WHEN THE QUANTITY OF THE ITEMS OF SUBBASE, BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR BY CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF MATERIAL AS DIRECTED BY THE ENGINEER. SHEETS 3-10 INCLUDED TO SHOW PROFILE AND ALIGNMENT ONLY. OTHER INFORMATION NOT PERTINENT TO THIS CONTRACT.

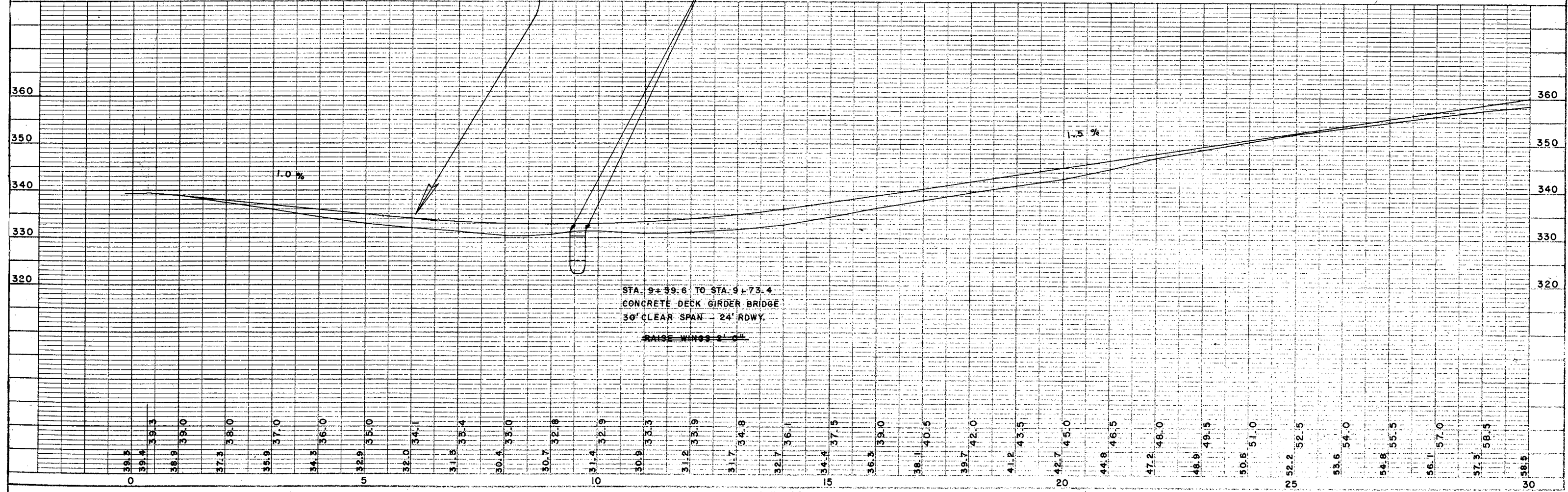
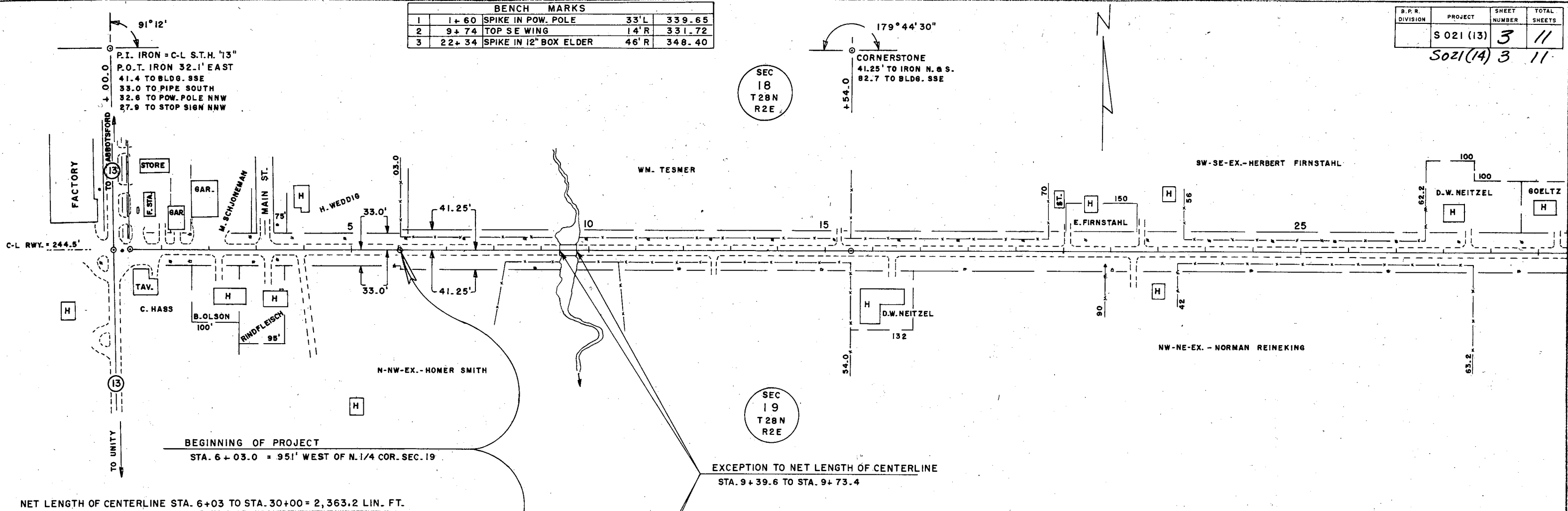
APPLICABLE STANDARD DETAIL DRAWING
7-4.1.4 CONSTRUCTION BARRICADE



HALF SECTION FOR SIDE ROAD INTERSECTION
SHOWING ADDITIONAL BITUMINOUS PAV'T. REQ'D.

BENCH MARKS			
1	1+60	SPIKE IN POW. POLE	33'L 339.65
2	9+74	TOP SE WING	14'R 331.72
3	22+34	SPIKE IN 12" BOX ELDER	46'R 348.40

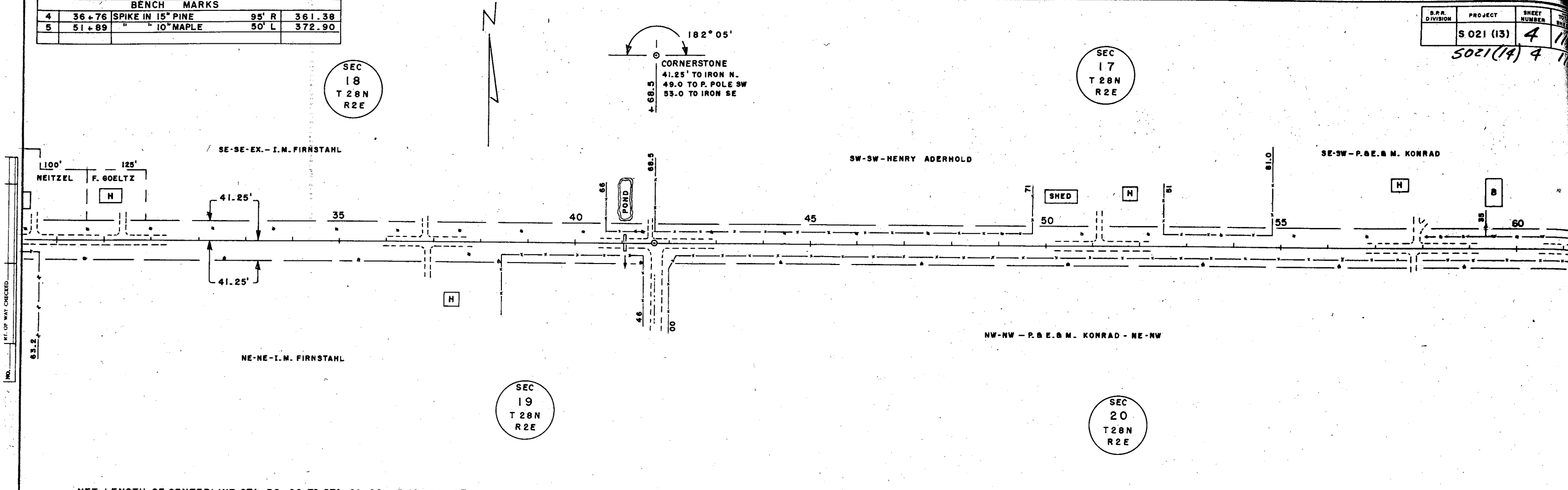
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	S 021 (13)	3	11
	Sozi (14)	3	11



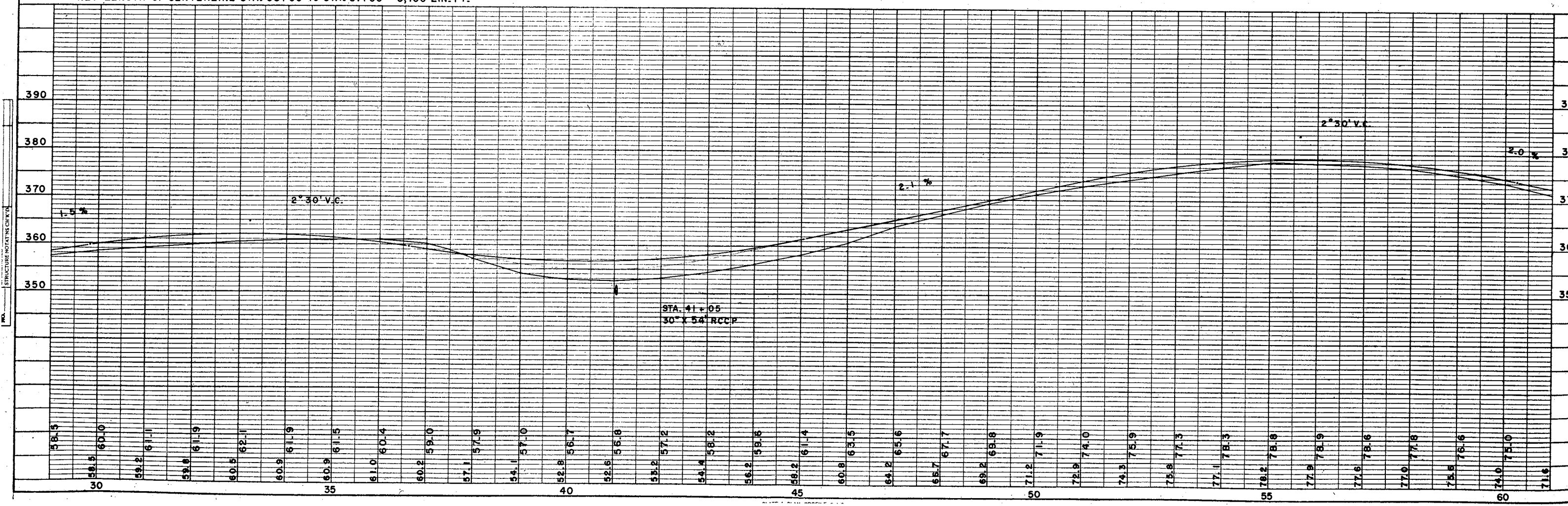
BENCH MARKS				
4	36+76	SPIKE IN 15" PINE	95' R	361.38
5	51+89	" " 10" MAPLE	50' L	372.90

B.P.R. DIVISION	PROJECT	SHEET NUMBER
	S 021 (13)	4

5021(14) 4



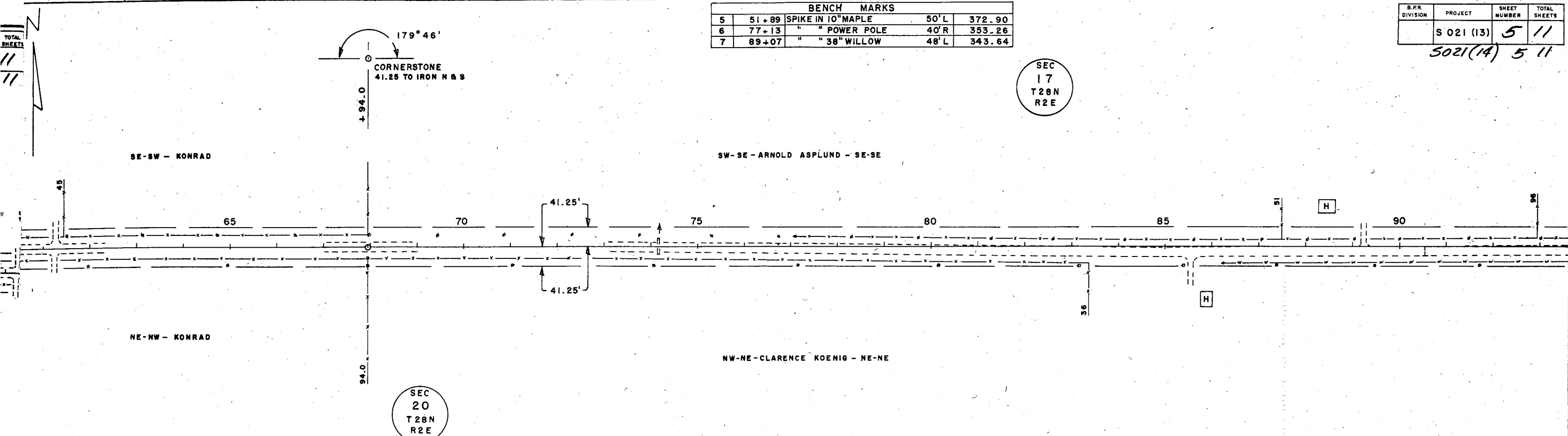
NET LENGTH OF CENTERLINE STA. 30+00 TO STA. 61+00 = 3,100 LIN. FT.



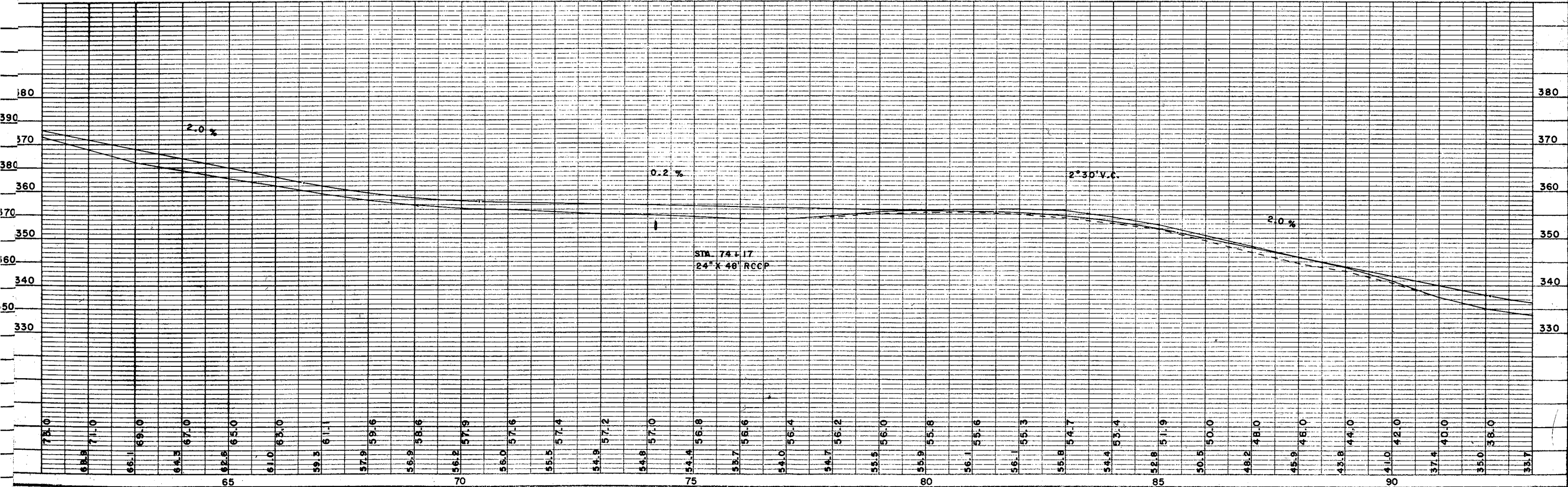
BENCH MARKS				
5	51+89	SPIKE IN 10" MAPLE	50' L	372.90
6	77+13	" " POWER POLE	40' R	353.26
7	89+07	" " 38" WILLOW	48' L	343.64

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	S 021 (13)	5	11

5021(14) 5 11

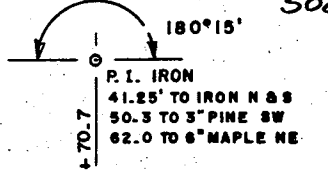
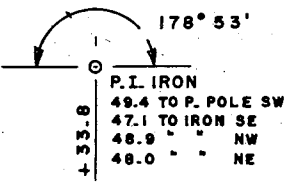


NET LENGTH OF CENTERLINE STA. 61+00 TO STA. 93+00 = 3,200 LIN. FT.



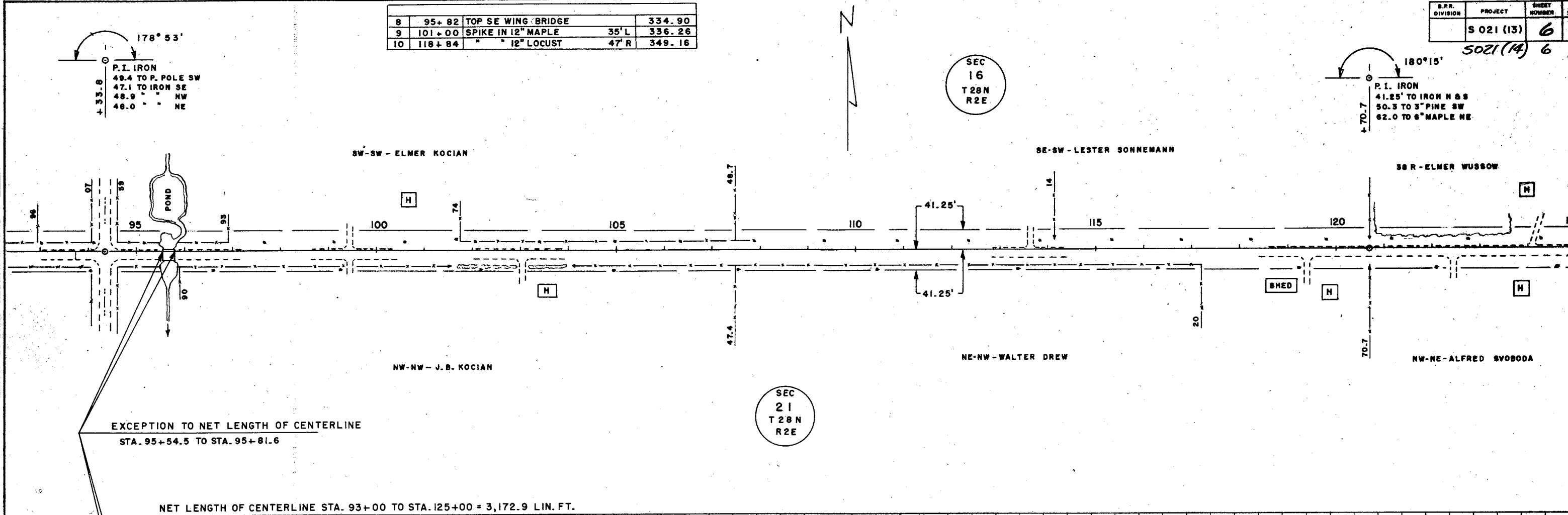
8	95+82	TOP SE WING BRIDGE	334.90
9	101+00	SPIKE IN 12" MAPLE	35' L 336.26
10	118+84	" " 12" LOCUST	47' R 349.16

S.P.R. DIVISION	PROJECT	SHEET NUMBER
	S 021 (13)	6
	S 021 (14)	6

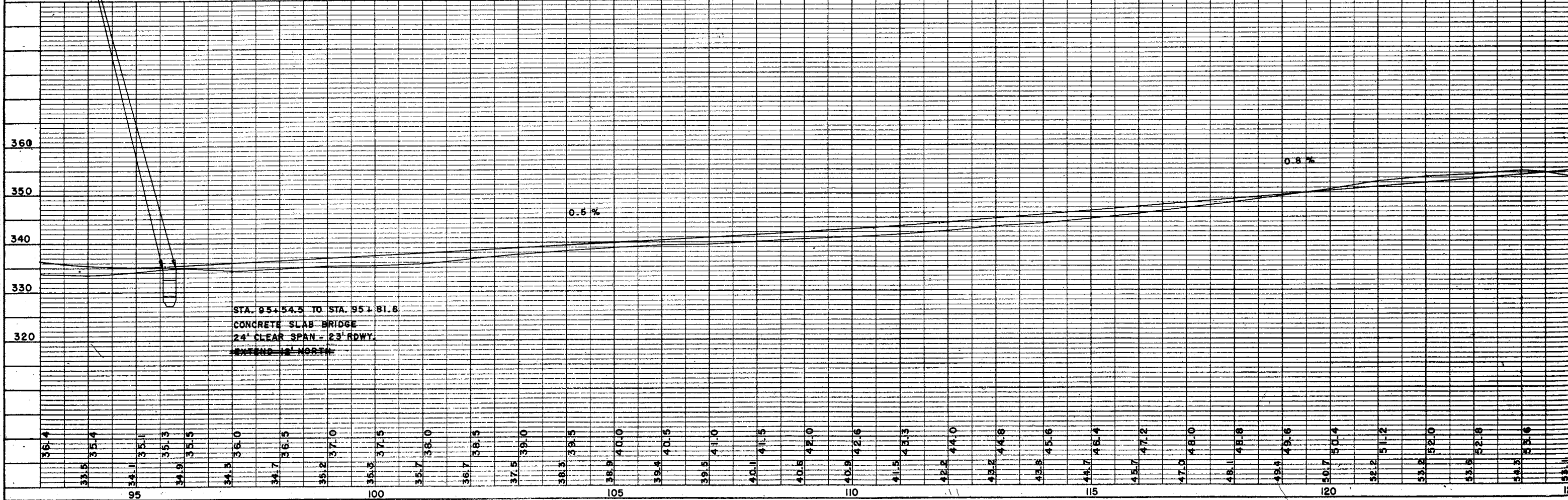


NOTE BOOK ALIGNMENT CHECKED RT. OF WAY CHECKED NO.

NOTE BOOK GRADES CHECKED B. W. A. NOTED STRUCTURE NOTATIONS CHECKED NO.



NET LENGTH OF CENTERLINE STA. 93+00 TO STA. 125+00 = 3,172.9 LIN. FT.



STA. 95+54.5 TO STA. 95+81.6
 CONCRETE SLAB BRIDGE
 24' CLEAR SPAN - 23' RDWY.
 EXTEND 12' NORTH

BENCH MARKS				
10	118+84	SPIKE IN 12" LOCUST	47'R	349.16
11	143+44	TOP SE COR. TANK	43'L	377.99
12	146+62	TOP U.S.G.S.-B.M.	43'L	374.69

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	S 021 (13)	7	11

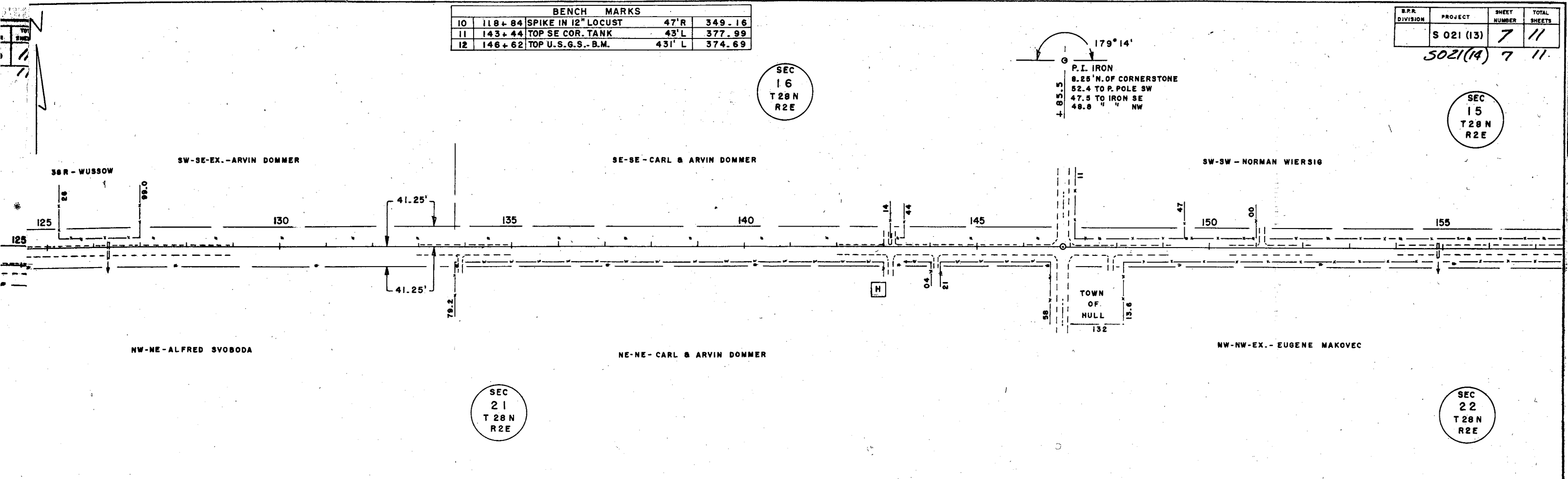
5021(14) 7 11

SEC
16
T28N
R2E

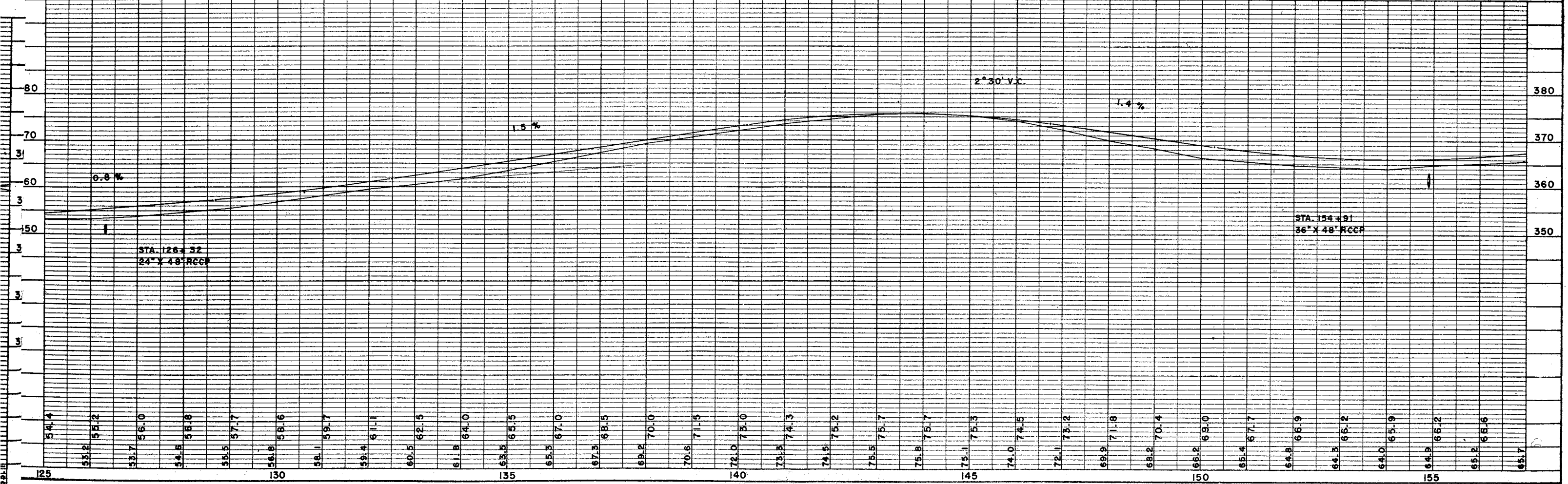
SEC
15
T28N
R2E

SEC
21
T28N
R2E

SEC
22
T28N
R2E



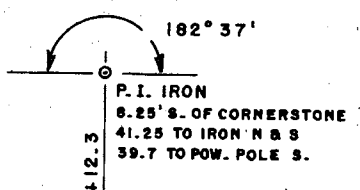
NET LENGTH OF CENTERLINE STA. 125+00 TO STA. 157+00 = 3,200 LIN. FT.



BENCH MARKS			
13	168+91	SPIKE IN 15" MAPLE	56' L 389.75
14	173+12	" " POW. POLE	40' R 400.56
15	183+75	TOP C. & GEO. B. M.	50' L 406.74

S. P. R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	S 021 (13)	8	
	SO21(A)	8	

SEC
15
T 28N
R 2E



SW-SW - NORMAN WIERSIG - SE-SW

SW-SE - HAROLD WIERSIG

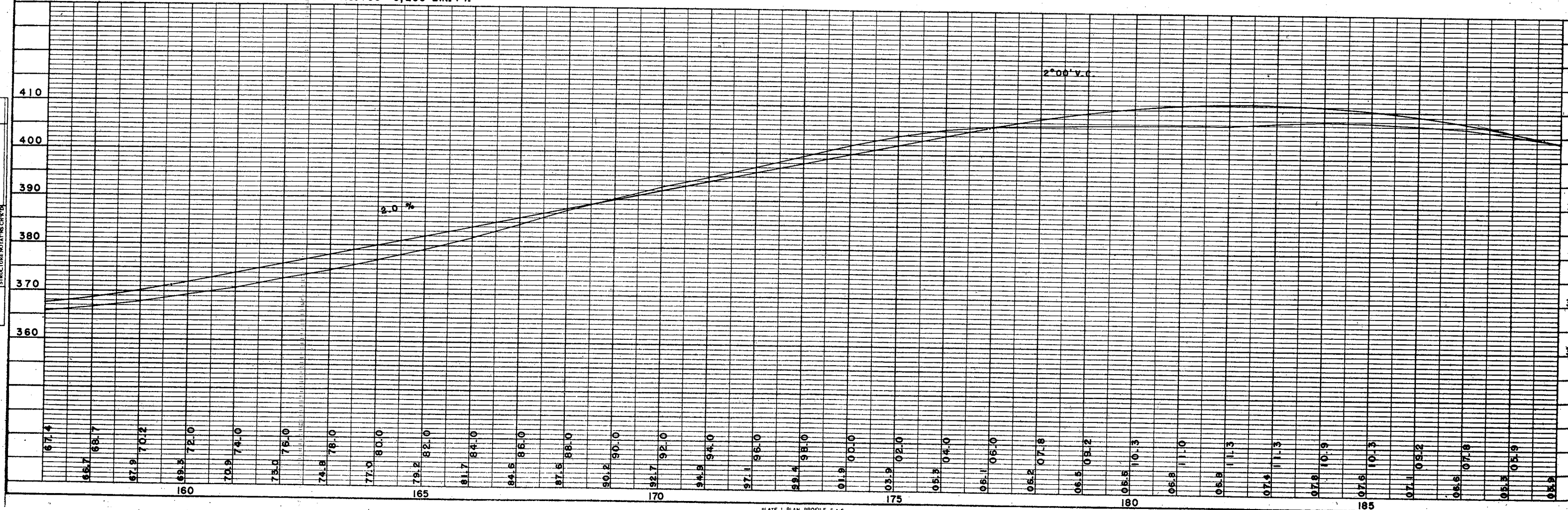
SE-SE - MILLER

NW-NW-EX. - EUGENE MAKOVEC - NE-NW-EX.

E. I ROD NE-NW - WILBER BECKER - NW-NE

SEC
22
T 28N
R 2E

NET LENGTH OF CENTERLINE STA. 157+00 TO STA. 189+00 = 3,200 LIN. FT.



TOTAL SHEETS

BENCH MARKS				
16	198+17	SPIKE IN POW. POLE	40'R	383.80
17	212+70	" " " "	39'L	374.95

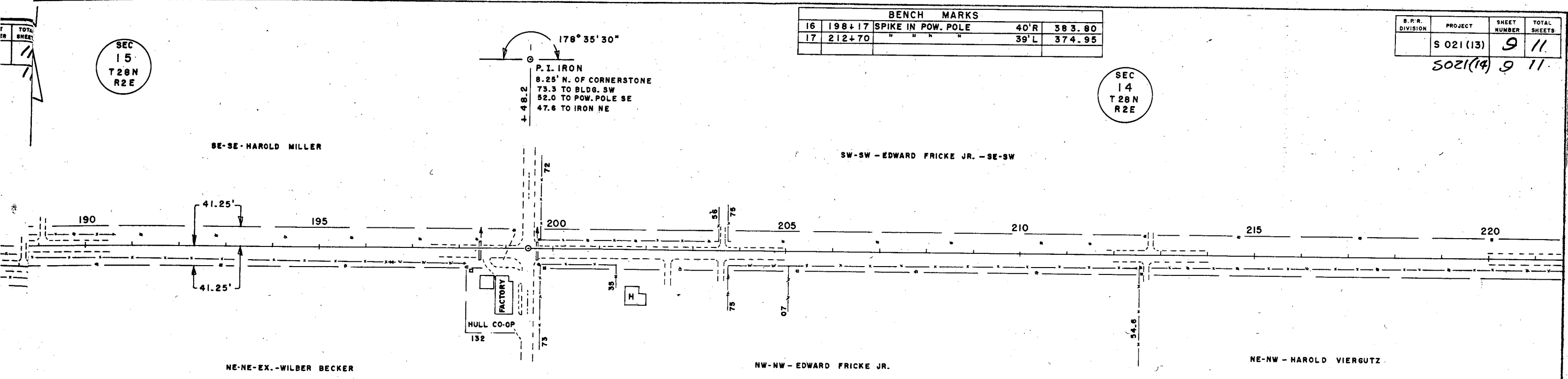
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	S 021 (13)	9	11
	5021(14)	9	11

SEC 15
T 28 N
R 2 E

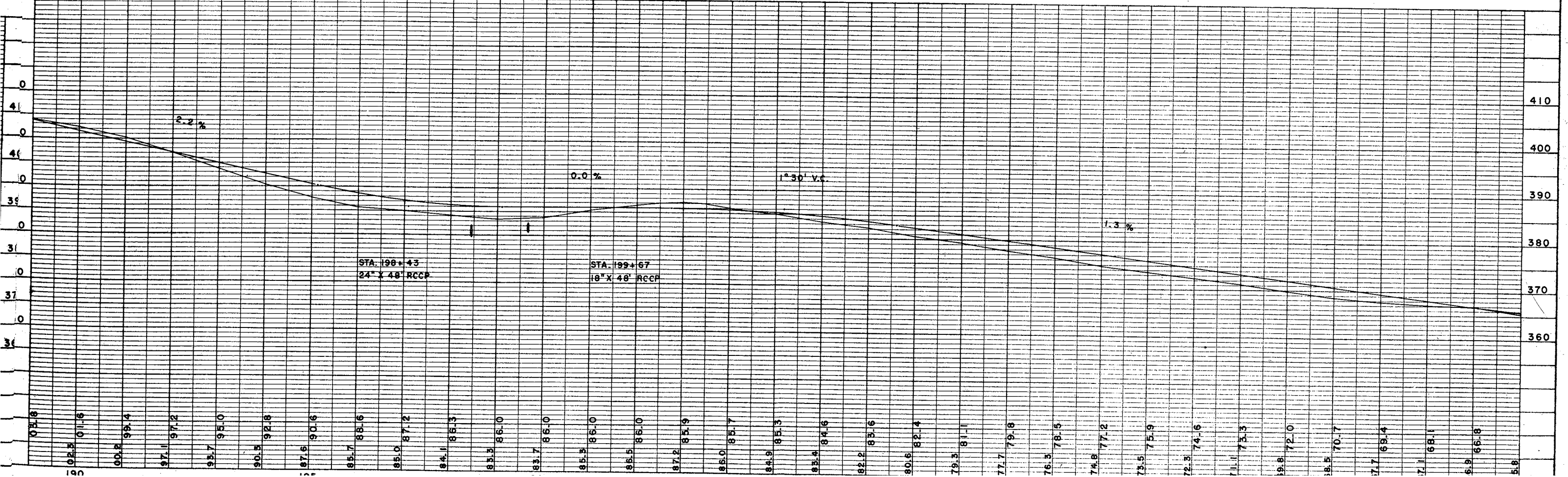
SEC 14
T 28 N
R 2 E

SEC 22
T 28 N
R 2 E

SEC 23
T 28 N
R 2 E



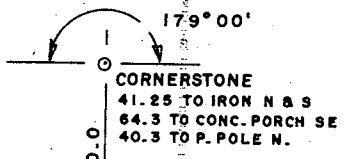
NET LENGTH OF CENTERLINE STA. 189+00 TO STA. 221+00 = 3,200 LIN. FT.



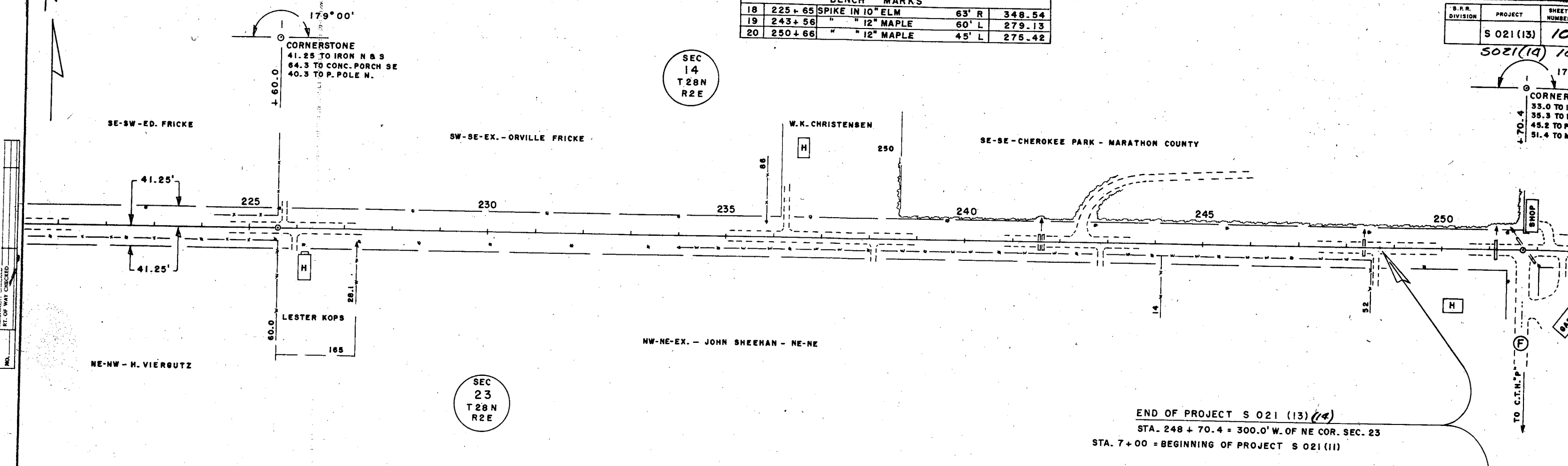
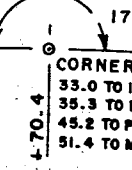
BENCH MARKS			
18	225+65	SPIKE IN 10" ELM	63' R 348.54
19	243+56	" " 12" MAPLE	60' L 279.13
20	250+66	" " 12" MAPLE	45' L 275.42

B.R.R. DIVISION	PROJECT	SHEET NUMBER
	S 021 (13)	10

5021(13) 10

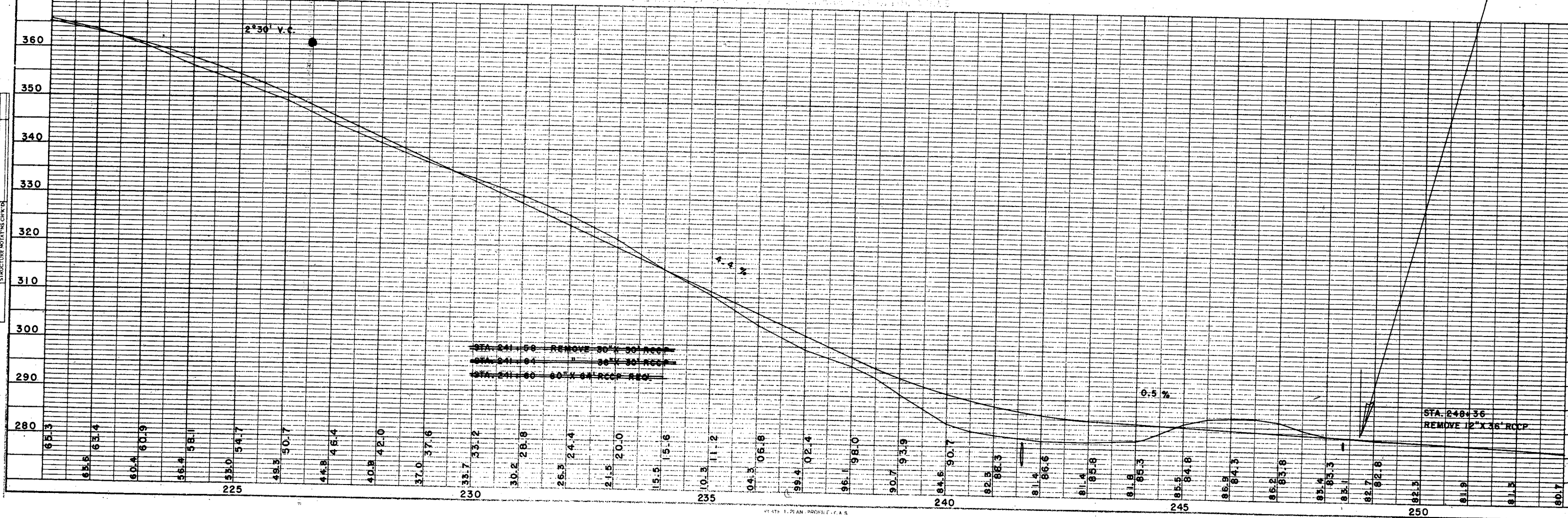


SEC 14
T28N
R2E



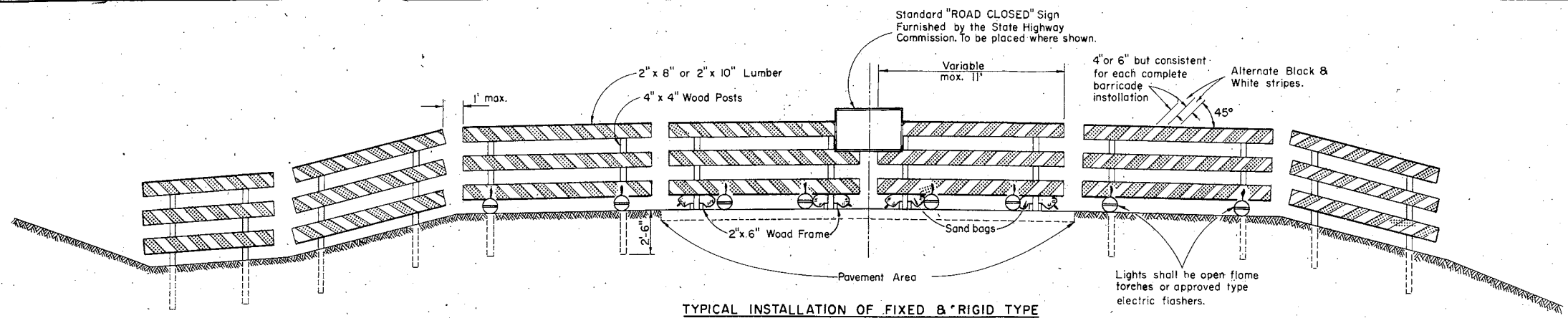
END OF PROJECT S 021 (13) (14)
STA. 248+70.4 = 300.0' W. OF NE COR. SEC. 23
STA. 7+00 = BEGINNING OF PROJECT S 021 (11)

NET LENGTH OF CENTERLINE STA. 221+00 TO STA. 248+70.4 = 2,770.4 LIN. FT.

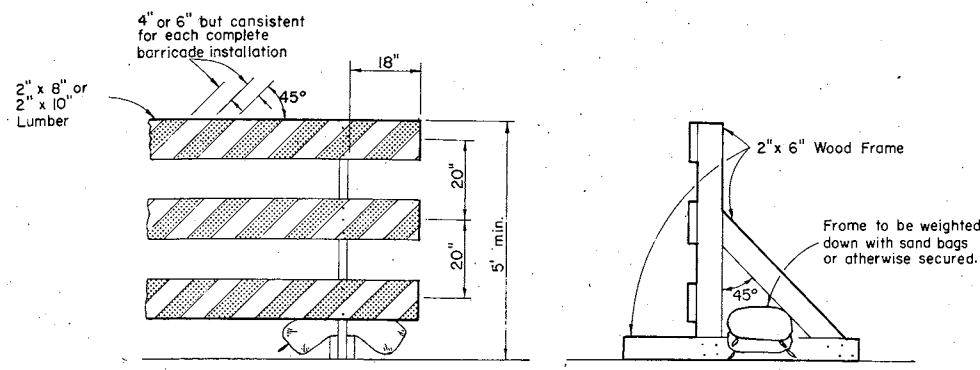


NO. RT. OF WAY CHECKED

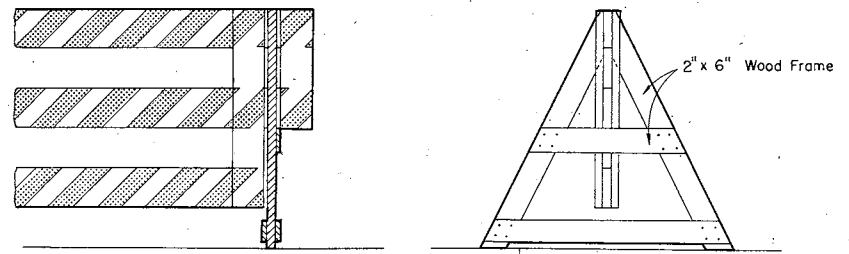
NO. IN. & FURTHER STRUCTURE NOT WITHIN CURVE



TYPICAL INSTALLATION OF FIXED & RIGID TYPE



ALTERNATE TYPE INSTALLATION (RIGID)



ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

CLASS I BARRICADE

GENERAL NOTES:
 The Contractor shall construct, place and maintain barricades as shown on this drawing and as required by the Standard Specifications for the duration of the project at all points of highway closure. Barricades shall be painted as shown hereon and structurally maintained for maximum visibility at all times, for the duration of the respective project.

CLASS I BARRICADE
 Shall be used at points of closure where road is closed to traffic. Gates or movable sections of barricade shall be provided when necessary, for access of equipment or other authorized vehicles only.

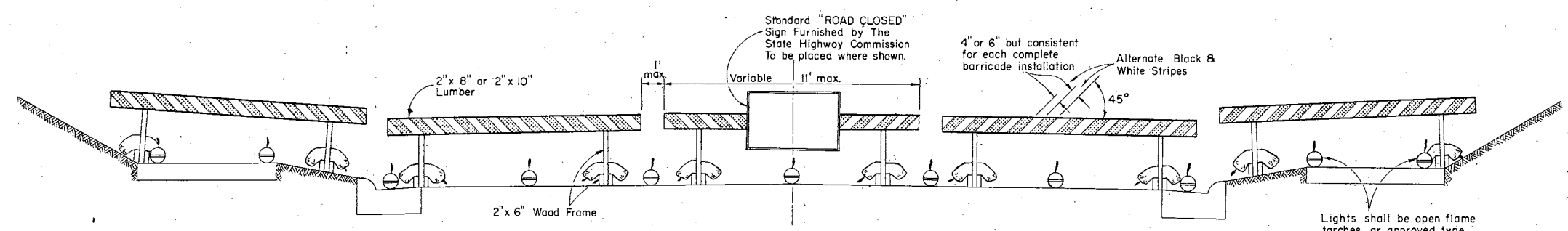
CLASS II BARRICADE
 May be used only where the hazard to traffic is relatively small, and for the more or less continuous delimiting of a restricted roadway, or for temporary daytime use.

LUMBER & FABRICATION
 Lumber shall be of a grade structurally sound and sufficiently rigid to satisfactorily support and maintain the purpose and intent of a barricade facility. The fabrication of the barricade shall be in accord with good pertinent wood-working practices.

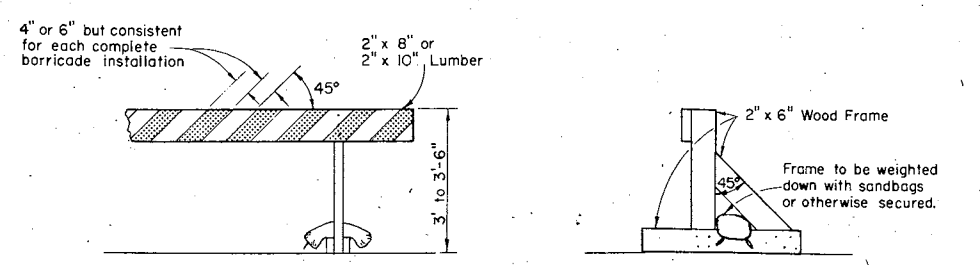
PAINTING
 Barricades shall be painted as shown hereon in alternate black and white stripes. Black stripes shall be painted with weather resistant and durable black paint. White stripes shall be painted a prime coat of good grade wood primer, followed by two coats of white 'Codit Reflective Liquid' (Minnesota Mining Co.) or equivalent, or reflective sheeting wide angle, flat top 'Scatchite' brand material (Minnesota Mining Co.) or equivalent.

DIRECTION OF DIAGONAL STRIPES
 Where a barricade extends entirely across the roadway and no vehicle access provision, the stripes shall slope downward toward the highway centerline. Where vehicle access is permitted, the stripes shall slope downward in the direction toward which vehicles must turn in detouring. Where both right and left turns are provided for, the stripes shall slope downward in both directions from the center.

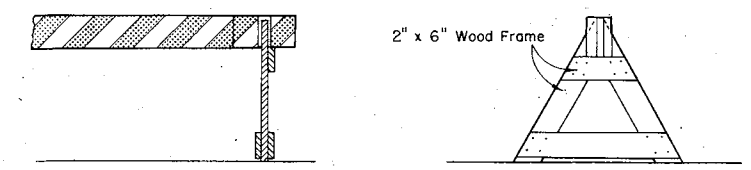
MEASUREMENT & PAYMENT
 All barricades, unless otherwise provided for in the plans and/or special provisions shall be furnished, placed, and maintained as noted above, and no additional compensation will be allowed but shall be construed to be included in the price bid for other items.



TYPICAL INSTALLATION OF RIGID TYPE



ALTERNATE TYPE INSTALLATION (RIGID)



ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

CLASS II BARRICADE

NOTE:
 Lighting devices for barricades shall conform to the requirements of the Standard Specifications.

NOTE:
 All lumber or timber dimensions shown hereon are nominal.

CONSTRUCTION BARRICADE	
STATE HIGHWAY COMMISSION OF WISCONSIN	
RECOMMENDED FOR APPROVAL:	
DATE: 2-5-63	J. J. Pitt ENGINEER OF DESIGN
APPROVED:	
DATE: 2/16/63	E. C. Reutimann STATE HIGHWAY ENGINEER
PLATE NO. 7-4.1.4	

CERTIFIED BY-
 TITLE-
 DATE-

STATE HIGHWAY COMMISSION OF WISCONSIN
 REPORT OF BIDS RECEIVED

PAGE NO 1
 MAY 6, 1965

PROP 17 PROJECT 1
 CODE 37.6-0021.0-11.014 CONTR 1 LENGTH- 4.585 MI. LOCATION MARATHON COUNTY
 NO. S 21/14/ COLBY - CHEROKEE ROAD
 C.T.H. N

TYPE OF WORK SINGLE AGGREGATE BITUMINOUS SURFACE

BIDDER NO 1 GOTTSCHALK BROTHERS, INC. ROUTE 2 EDGAR, WISCONSIN
 BIDDER NO 2 HIGHWAY PAVERS, INC. 10815 WATERTOWN PLANK RD. WAUWATOSA 13, WISCONSIN
 BIDDER NO 3 D. L. GASSER CONSTRUCTION CO., INC. & D. L. GASSER LAKE DELTON, WISCONSIN

ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	ESTIMATED QUANTITY	BIDDER NO 1 UNIT BID PRICE	BIDDER NO 1 AMOUNT	BIDDER NO 2 UNIT BID PRICE	BIDDER NO 2 AMOUNT	BIDDER NO 3 UNIT BID PRICE	BIDDER NO 3 AMOUNT
21101	PREPARATION OF FOUNDATION FOR BITUMINOUS PAVING	L.S.	1.0	1500.00	1500.00	2000.00	2000.00	2420.00	2420.00
30402	GRAVEL OR CRUSHED STONE BASE COURSE	TON	4050.0	2.00	8100.00	2.45	9922.50	2.45	9922.50
40202	BITUMINOUS MATERIAL FOR PRIME COAT	GAL.	16500.0	.22	3630.00	.20	3300.00	.19	3135.00
40601	SINGLE AGGREGATE BITUMINOUS SURFACE	TON	6630.0	4.75	31492.50	5.90	39117.00	6.00	39780.00
40602	BITUMINOUS MATERIAL FOR SURFACE COURSE	TON	400.0	28.00	11200.00	29.00	11600.00	29.50	11800.00
TOTAL					\$55,922.50		\$65,939.50		\$67,057.50

CERTIFIED BY-
 TITLE-
 DATE-

STATE HIGHWAY COMMISSION OF WISCONSIN
 REPORT OF BIDS RECEIVED

PAGE NO 2
 MAY 6, 1965

PROP 17 PROJECT 1
 CODE 37.6-0021.0-11.014 CONTR 1 LENGTH- 4.585 MI. LOCATION MARATHON COUNTY
 NO. S 21/147 COLBY - CHEROKEE ROAD
 C.T.H. N

TYPE OF WORK SINGLE AGGREGATE BITUMINOUS SURFACE

BIDDER NO 4	JAY W. CRAIG COMPANY	650 NORTH EMERSON STREET	CAMBRIDGE, MINNESOTA 55008
BIDDER NO 5	BLOOMER BITUMINOUS CO.	341 WEST COLLEGE AVENUE	APPLETON, WISCONSIN
BIDDER NO 6	REIN, SCHULTZ, AND DAHL, INC.	ROUTE 2, NESBITT ROAD	MADISON 5, WISCONSIN

ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	ESTIMATED QUANTITY	BIDDER NO 4		BIDDER NO 5		BIDDER NO 6	
				UNIT BID PRICE	AMOUNT	UNIT BID PRICE	AMOUNT	UNIT BID PRICE	AMOUNT
21101	PREPARATION OF FOUNDATION FOR BITUMINOUS PAVING	L.S.	1.0	2200.00	2200.00	2000.00	2000.00	500.00	500.00
30402	GRAVEL OR CRUSHED STONE BASE COURSE	TON	4050.0	3.05	12352.50	2.55	10327.50	2.65	10732.50
40202	BITUMINOUS MATERIAL FOR PRIME COAT	GAL.	16500.0	.16	2640.00	.18	2970.00	.20	3300.00
40601	SINGLE AGGREGATE BITUMINOUS SURFACE	TON	6630.0	5.80	38454.00	6.50	43095.00	6.50	43095.00
40602	BITUMINOUS MATERIAL FOR SURFACE COURSE	TON	400.0	31.00	12400.00	28.00	11200.00	30.00	12000.00
TOTAL					\$68,046.50		\$69,592.50		\$69,627.50

CERTIFIED BY-
TITLE-
DATE-

STATE HIGHWAY COMMISSION OF WISCONSIN
REPORT OF BIDS RECEIVED

PAGE NO 3
MAY 6, 1965

PROP 17 PROJECT 1

CODE 37.6-0021.0-11.014 CONTR 1 LENGTH= 4.585 MI. LOCATION MARATHON COUNTY
NO. S 21/147 COLBY - CHEROKEE ROAD
C.T.H. N

TYPE OF WORK SINGLE AGGREGATE BITUMINOUS SURFACE

BIDDER NO 7 MATHY CONSTRUCTION COMPANY
BIDDER NO 8 RELIANCE CONSTRUCTION COMPANY

190 CAMERON AVENUE
REISS BUILDING

LA CROSSE, WISCONSIN
SHEBOYGAN, WISCONSIN

ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	ESTIMATED QUANTITY	BIDDER NO 7 UNIT BID PRICE	BIDDER NO 7 AMOUNT	BIDDER NO 8 UNIT BID PRICE	BIDDER NO 8 AMOUNT
21101	PREPARATION OF FOUNDATION FOR BITUMINOUS PAVING	L.S.	1.0	1940.00	1940.00	3000.00	3000.00
30402	GRAVEL OR CRUSHED STONE BASE COURSE	TON	4050.0	2.70	10935.00	2.90	11745.00
40202	BITUMINOUS MATERIAL FOR PRIME COAT	GAL.	16500.0	.18	2970.00	.25	4125.00
40601	SINGLE AGGREGATE BITUMINOUS SURFACE	TON	6630.0	6.30	41769.00	6.10	40443.00
40602	BITUMINOUS MATERIAL FOR SURFACE COURSE	TON	400.0	31.00	12400.00	29.30	11720.00
	TOTAL				\$70,014.00		\$71,033.00