

INDEX OF SHEETS			
SHEET NO.	TITLE PAGE	TYPICAL CROSS-SECTION OF IMPROVEMENT	PLAN AND PROFILE STA. TO STA.
1			
2			

MISSOURI STATE HIGHWAY COMMISSION PLAN AND PROFILE OF PROPOSED STATE ROAD FEDERAL AID PROJECT MARIES COUNTY

Shipping Point - Belle Mo.

PLAN 1 IN. = 100 FT.
PROFILE HOR 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS-SECTIONS 1 IN. = 5 FT.
TITLE SHEET 1 IN. = 3000 FT.

3 House Tracks - 45 Cars
2 Switch Tracks - 90 Cars



CONVENTIONAL SIGNS	
STATE AND NATIONAL LINE	LEVEE
COUNTY LINE	CULVERTS
CITY, VILLAGE OR BOROUGH	DROP INLET
TOWNSHIP LINE	TROLLEY POLE
SECTION LINE	POWER POLE
GRANT LINE	TELEPHONE OR TELEGRAPH POLE
FENCE LINE	MARSH
GUARD RAIL	HEDGE
UNFENCED PROPERTY	GROUND ELEVATION
RIGHT OF WAY LINE	GRADE ELEVATION
TRAVELED WAY	SURFACE LINE
RAILROADS	GRADE LINE
RETAINING WALL	
BASE OF SURVEY LINE	

EXCEPTIONS

EQUATIONS

LENGTH OF PROJECT.

36.21427 Pa + 215.615 An + 361E	APPARENT LENGTH	FT =	MILES
36.236413 Pa + 203.912 An + 27661	GROSS LENGTH	1.1	
36.34114 Pa + 341.63 An - 19	NET LENGTH	1.1	

SUBMITTED

CHIEF ENGINEER MO. STATE HIGHWAY COMMISSION

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER - DISTRICT NO. 5

RECOMMENDED FOR APPROVAL

CHIEF ENGINEER BUREAU PUBLIC ROADS

APPROVED

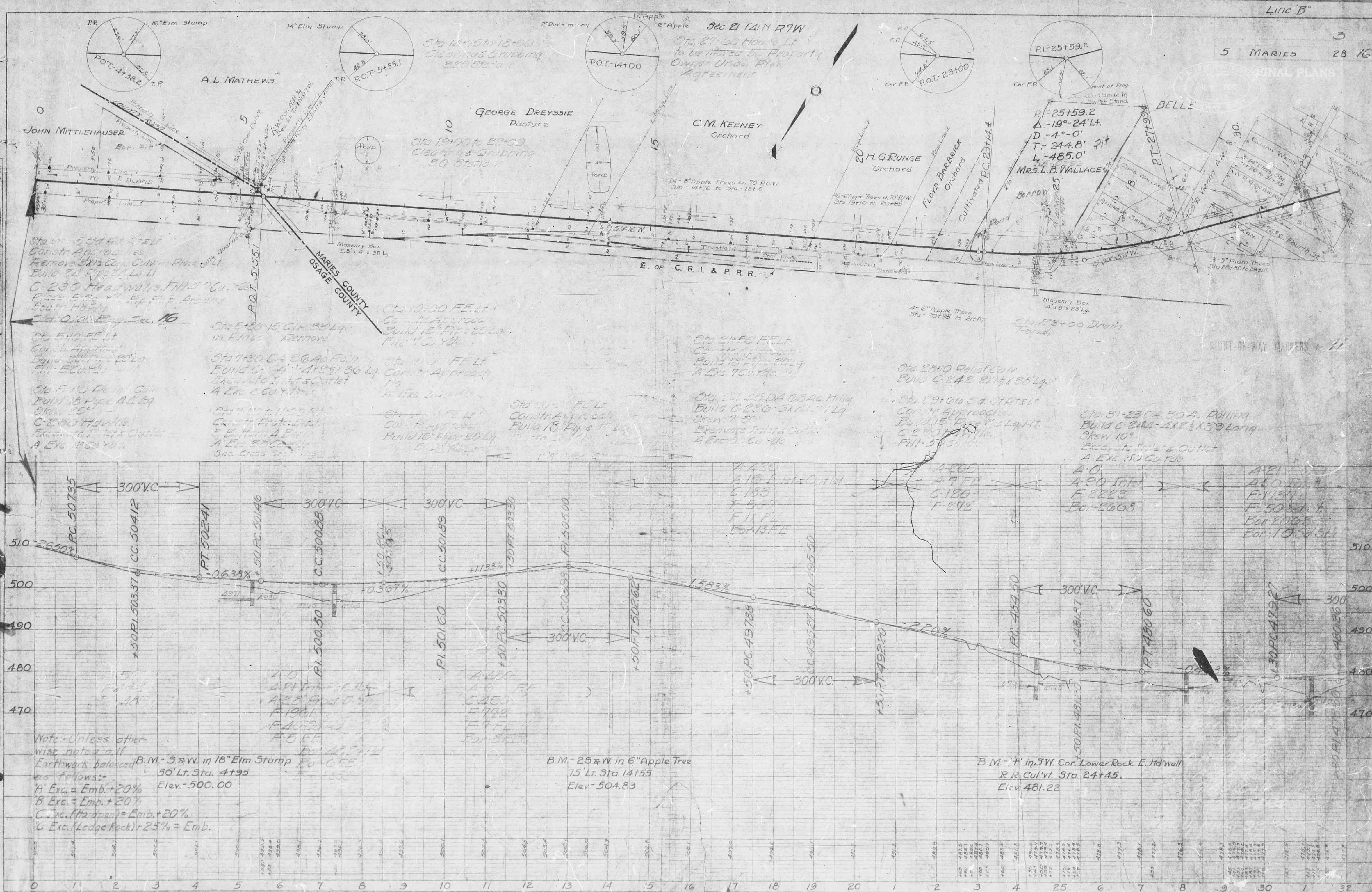
DIRECTOR BUREAU OF PUBLIC ROADS

162

Type of Improvement 18' GRAVEL SURFACEMISSOURI STATE HIGHWAY COMMISSION
ESTIMATE SHEETCounty of Maries
Length 4.933 Miles5 MO. 24
5 MARIES 28 16Prepared by Frank BerryDate June 30, 1930Name of road OSAGE CO. LINE- SOUTH

FINAL

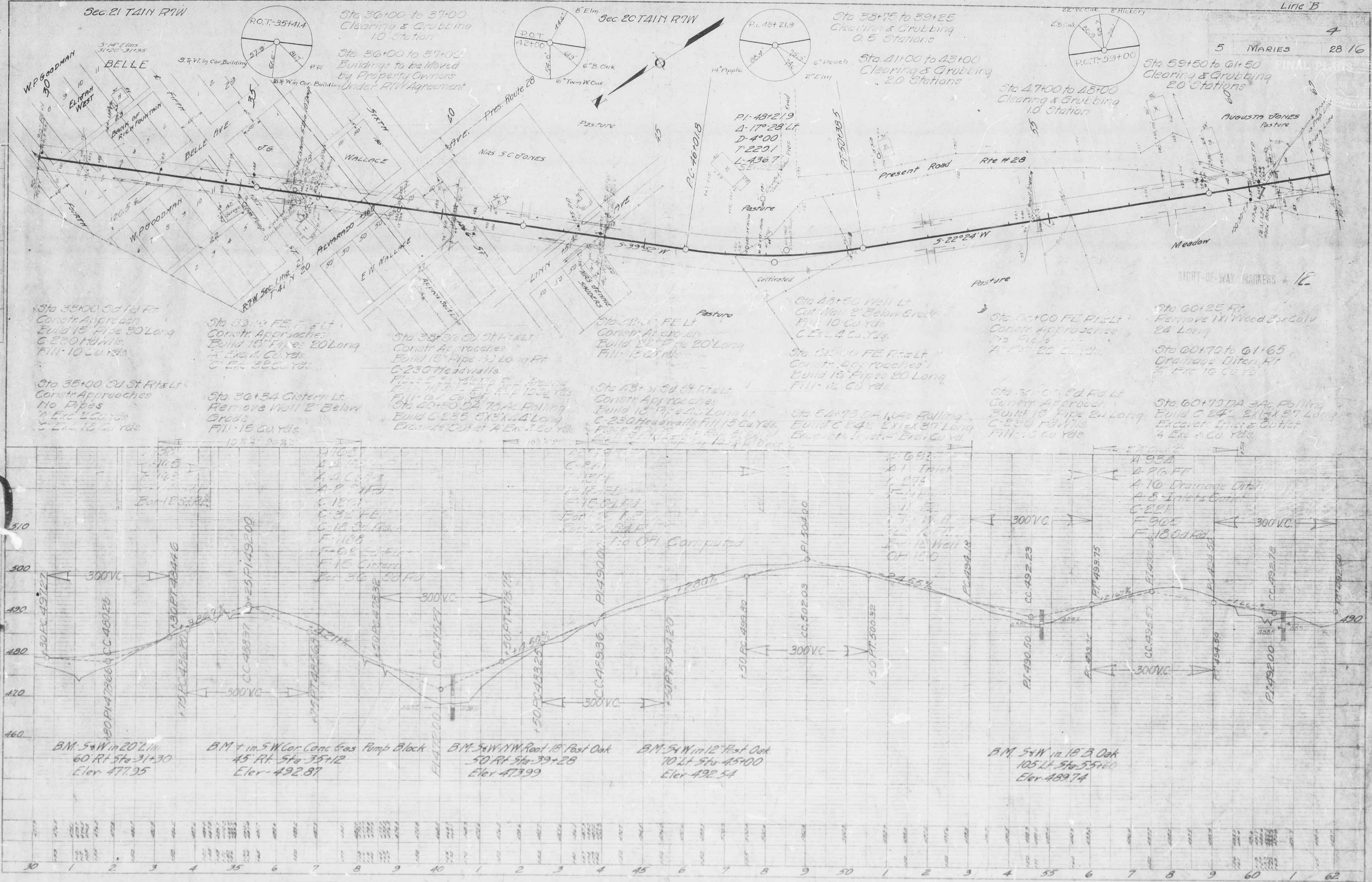
EXCAVATION										GRAVEL SURFACE				CONCRETE				CULVERTS				SUMMARY							
Sta.	Cl. A	Cl. B	Cl. C	Borrow	Box Cl. C	Pick up Rock	O.H.	FE & SR	Double Unit Price Cl. A	Book #	Sta.	Sta.	Cu Yds	Sta.	Sta.	Size	Length	Conc.	Steel	Excav	Remarks	CONC.	ITEM	DESCRIPTION	UNIT	NO. UNITS			
0+00	44			600						1	63+07.5	71+00	158.5	7+30	7+30	4x2.5	36	12.79	1774	A B C		2A	2A	Cleaning and Grubbing	Station	116.9			
14+00	917			2399		18			9	2	60+00	63+07.5		24+47	24+47	6x4	38	28.31	2548	26	48	2.3.11	2C	2C	Class A Excavation	Cu Yd	17560		
21+00	550									3	71+00	76+15	164.5	28+10	28+10	2x1.5	38	1.58	1194	6		2.3.11	2D	2D	Class B Excavation	Cu Yd	207		
23+62	222					8				4	76+15	84+32.5	163.5	31+23	31+23	2x1.5	39	13.68	1892	18		2.11	2E	2E	Class C Excavation	Cu Yd	22327		
32+10	10			4436	1478	93	4920			5	84+32.5	92+52.5	164.0	40+30	40+30	3x3	44	22.48	2263	31			2F	2F	Borrow Excavation	Cu Yd	18563		
34+45	260									6	92+52.5	100+51.5	161.0	54+70	54+70	2x1.5	37	7.42	1169			11	2H	2H	Overhaul	Sta Yd	5016		
40+35	860			760		36				7	100+51.5	108+90	158.5	60+70	60+70	2x1.5	37	7.42	1169			9	8A	8A	Gravel Surface	Cu Yd	21726		
48+00	1264			372		21				8	108+90	116+62.5	162.5	67+00	67+00	2x1.5	49	9.47	1474	9		3	8B	8B	Gravel in Stockpiles	Cu Yd	9780		
55+00	738									9	116+62.5	124+70	161.5	140+30	140+30	3x2	46	12.42	1847	17		5	20D	20D	15' Corrugated Pipe Culverts	Lin. Ft.	696		
62+50	1501									10	124+70	128+00		150+80	150+80	2x1.5	47	9.10	1420	15		5	20D	20D	18' Corrugated Pipe Culverts	Lin. Ft.	650		
67+63	469			726		32				11	130+30	139+00	160.0	182+80	182+80	3x2	61	15.38	2224	39		5	20D	20D	24' Corrugated Pipe Culverts	Lin. Ft.	152		
72+00	352			552		10				12	139+00	140+70	160.0	197+22	197+22	2x1.5	72	13.43	2285	39		7	22E	22E	30' Corrugated Pipe Culverts	Lin. Ft.	0		
73+90	277			225		25				13	140+70	146+00		203+14	203+14	2x1.5	57	11.10	1745	33		7	23A	23A	Cobblestone Gutter	Lin. Ft.	62		
77+50	486			222		30				14	146+00	151+00		220+82	220+82	2x1.5	36	7.25	1144	23		7	23B	23B	Right of Way Markers	Each	97		
84+00	1079					23				15	151+00	156+25	168.0	212+10	212+10	2x1.5	39	7.75	1219	24		9	59A	59A	Plain Rip Rap	Sq Yd	89.6		
90+50	497			942						16	156+25	161+50	171.0	226+00	226+00	3x2	43	11.58	1668	20		1	59B	59B	Class B Concrete Masonry	Cu Yd	222.72		
97+00	696			170						17	161+50	166+75	169.0	Total										1	60A	60A	Reinforcement for Concrete Structures	Lb	28830
104+00	70			17						18	166+75	171+00	171.0	STANDARD PIPE CULVERTS										9			Pick up Rock	Cu Yd	955
109+00	64	31		1121		21				19	171+00	176+25	171.0	Sta	18"	24"	C230 Hw's	Excav	Remarks			11				Double Unit Price Cl. A Excav	Cu Yd	38	
113+50	274	48				2				20	176+25	181+50	172.5	5-34	44		123	82	10			10				Borrow Excav. Class C	Cu Yd	2548	
120+00	302	56								21	181+50	186+75	170.5	72+14	44		176	163				10				18' C.I.P. Material Allowance	Lin. Ft.	44	
128+80	632	12		405		45	96			22	186+75	191+00	170.5	75+81	50		131	85				11				24' C.I.P. Material Allowance	Lin. Ft.	10	
136+00	492			898		46				23	191+00	196+25	170.5	80+32	40		97	74	5			11				30' C.I.P. Material Allowance	Lin. Ft.	20	
141+00	153			1322		65				24	196+25	201+50	172.5	83+30	42		97	74	2										
146+35	485			821						25	201+50	206+75	172.5	84+30	40		97	74	7										
149+00	167			670		31				26	206+75	211+00	174.0	87+30	40		97	74	12										
152+50	129			1334		32				27	211+00	216+25	174.0	89+30	40		97	74	4										
159+50	272			186		7				28	216+25	221+50	174.0	90+30	40		97	74	12										
165+00	209									29	221+50	226+75	174.0	93+30	40		97	74	12										
170+00	290			402						30	226+75	231+00	174.0	94+30	40		97	74	4										
174+66				4613						31	231+00	236+25	174.0	97+30	40		97	74	12										
178+16										32	236+25	241+50	174.0	100+30	40		97	74	12										
182+50				1818	904	42				33	241+50	246+75	174.0	103+30	40		97	74	12										
186+25				1064		21				34	246+75	251+00	174.0	106+30	40		97	74	12										
190+00	31			713		62				35	251+00	256+25	174.0	109+30	40		97	74	12										
194+00	51			412		40				36	256+25	261+50	174.0	112+30	40		97	74	12										
198+30				1277		72				37	261+50	266+75	174.0	115+30	40		97	74	12										
202+50				716		40				38	266+75	271+00	174.0	118+30	40		97	74	12										
206+25				1362		17				39	271+00	276+25	174.0	121+30	40		97	74	12										
210+25				633	53	4				40	276+25	281+50	174.0	124+30	40		97	74	12										
214+75				185	53	3				41	281+50	286+75	174.0	127+30	40		97	74	12										
218+00	464				185	552				42	286+75	291+00	174.0	130+30	40														



PLAN
 DATE
 BY
 CHECKED
 APPROVED
 NOTE BOOK
 NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED

PROFILE
 DATE
 BY
 CHECKED
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 NOTE BOOK
 NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED

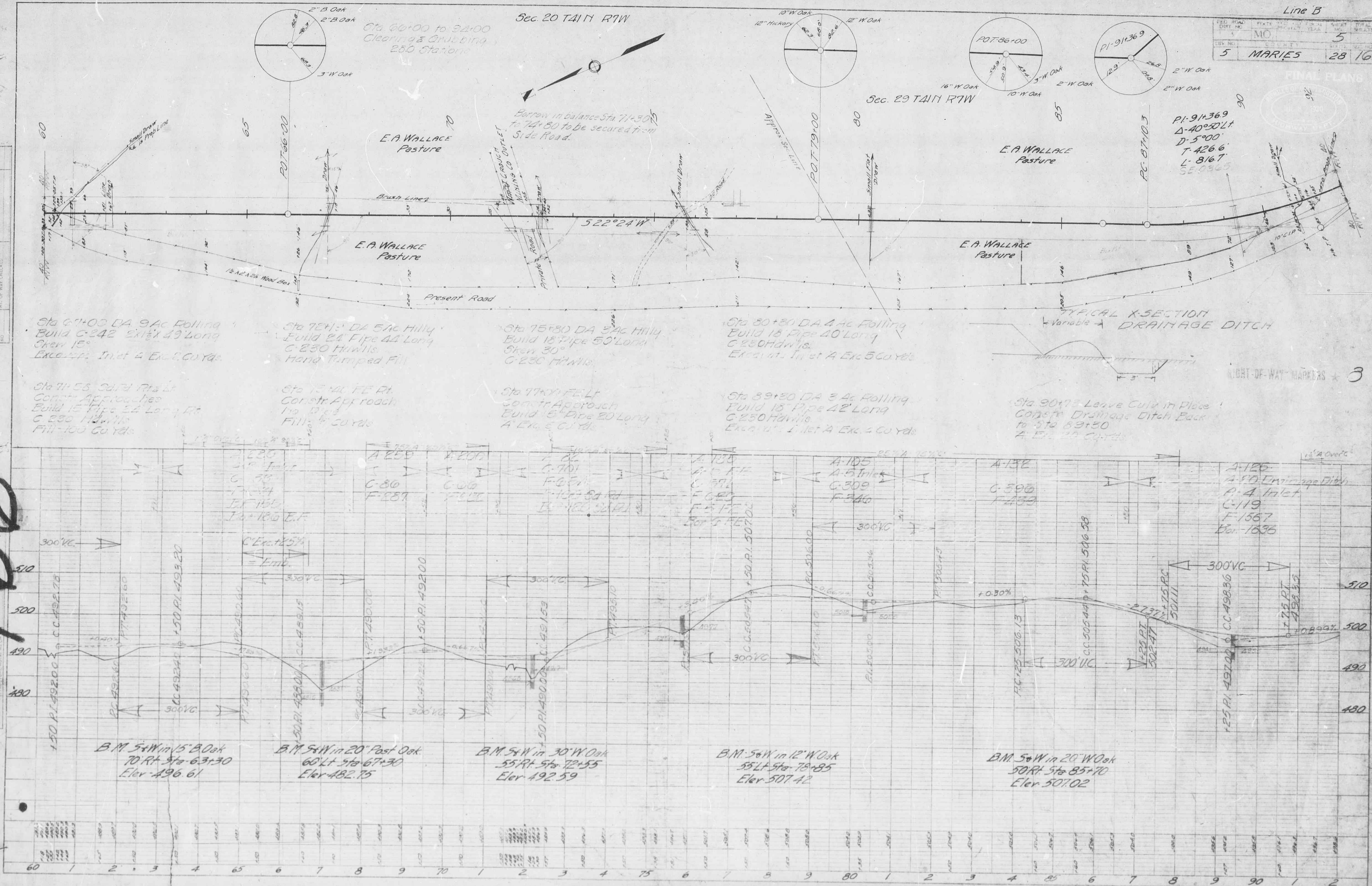
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Line B	
MO	5
COUNTY	28
MARIES	16



Sta 122+00 to 123+00
Clearing & Grubbing
10 Station

Sec. 29 T41N R7W

Sec. 32 T41N R7W

Lines B & C		FED. ROAD DIST. NO.		STATE		FISCAL YEAR		SHEET NO.		TOTAL SHEETS	
MO		7		MARIES		28		16			



Sta 122+40 FE Rd
Const. Approach
Build 13' Pipe 24 Long
Fill 13.00 Yds

Sta 128+80 Rt
Const. Offtake Ditch
A Exc 10.00 Yds

Sta 128+40 SD Full
Const. Approach
Build 13' Pipe 24 Long
Fill 13.00 Yds

Sta 134+25 DA 2AC Hilly
Build 13' Pipe 40 Long
C230 Handrails
Exc 10.00 Yds

Sta 140+00 DA 2AC Rolling
Build 13' Pipe 50 Long
C230 Handrails
Exc 10.00 Yds

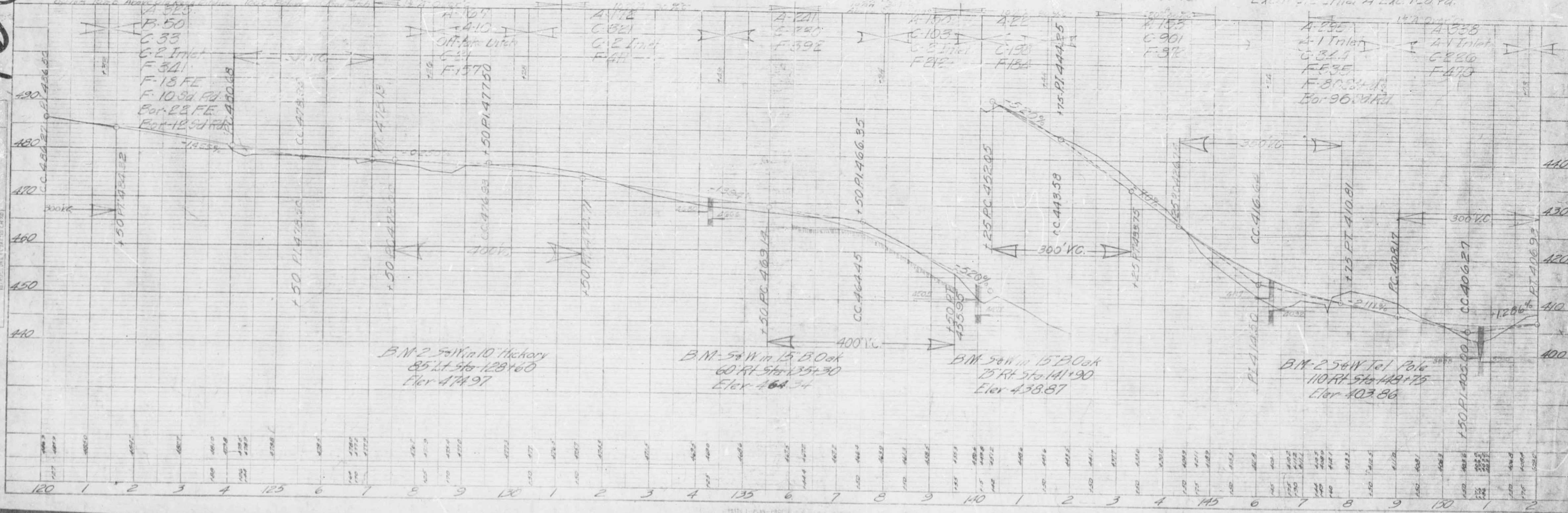
Sta 147+00 SD Full
Const. Approach
Build 13' Pipe 24 Long
C230 Handrails
Exc 10.00 Yds

Sta 140+15 DA 2AC Hilly
Build C 242 3x12x16 Long
Skew 30°
Exc 10.00 Yds

Sta 147+50 SD Full Rt
Const. Approach
No Pipe
Fill 4.00 Yds

Sta 150+50 DA 2AC Hilly
Build C 242 2x12x17 Long
Skew 10°
Exc 10.00 Yds

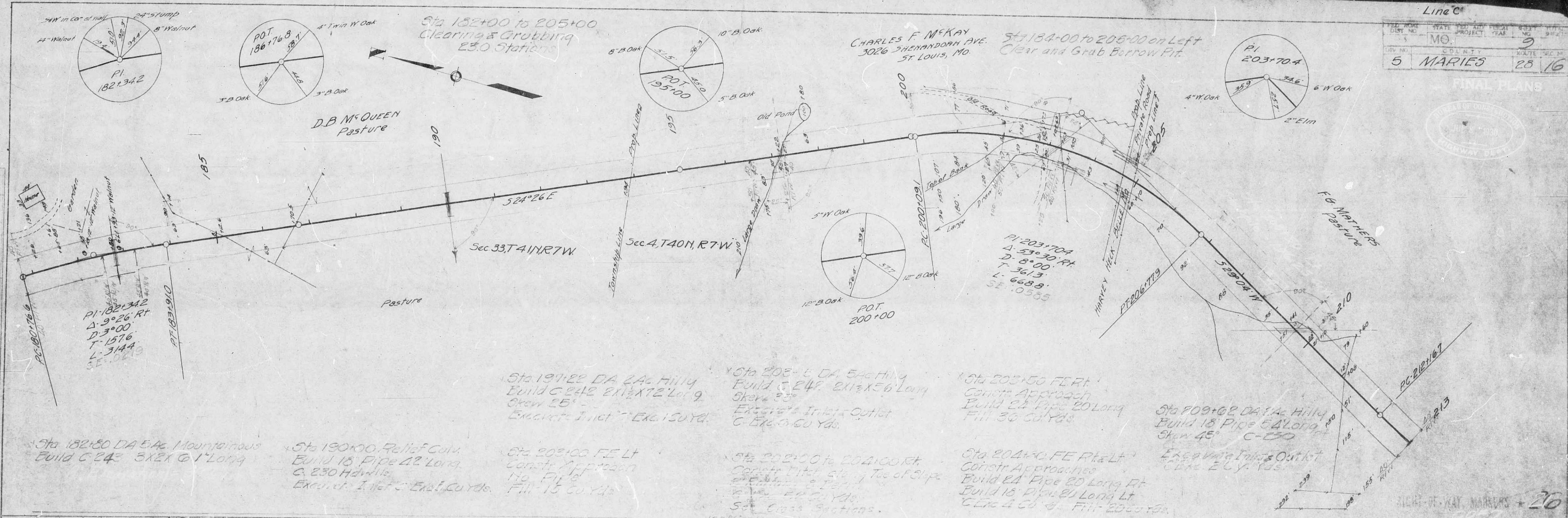
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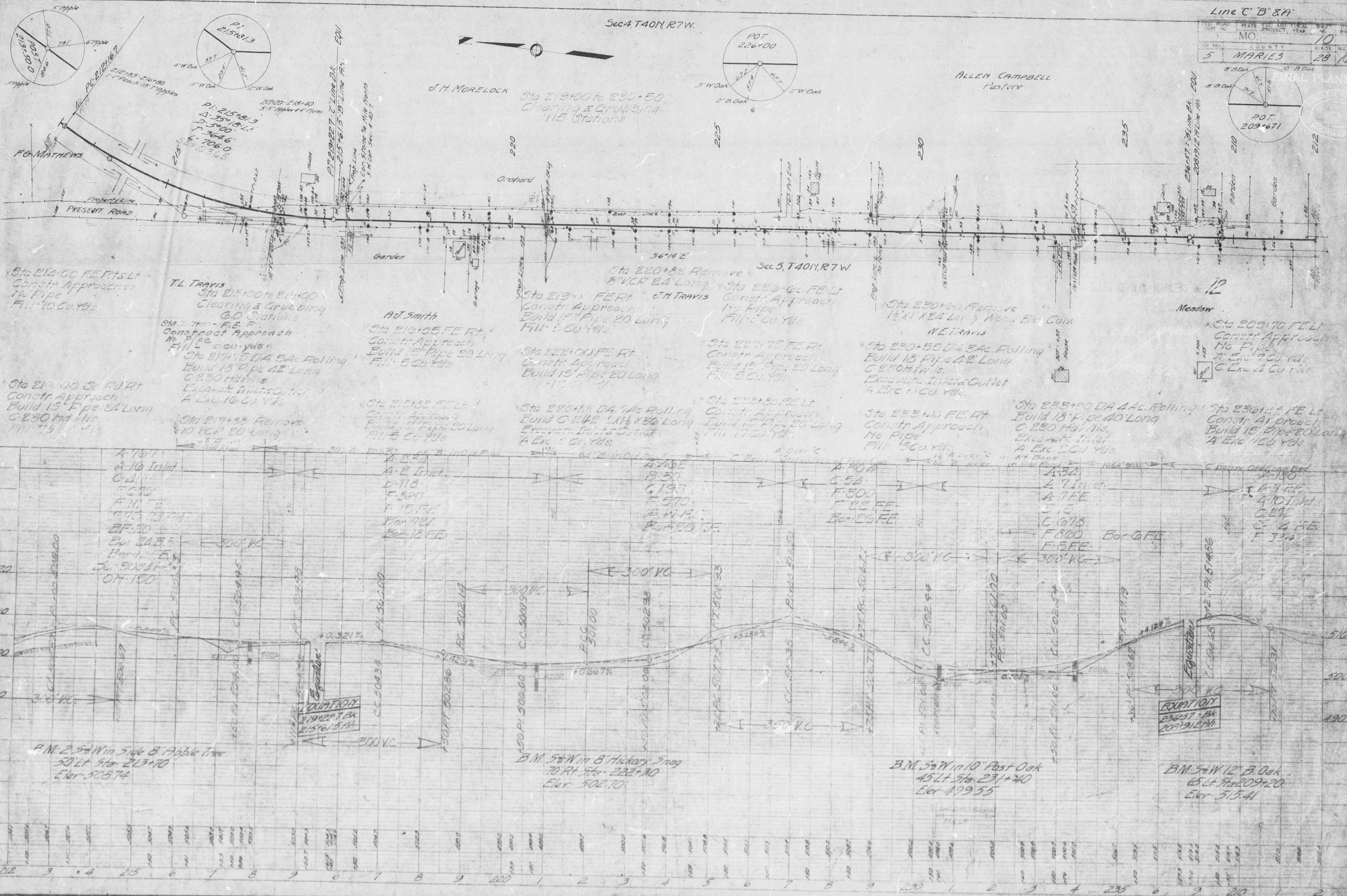


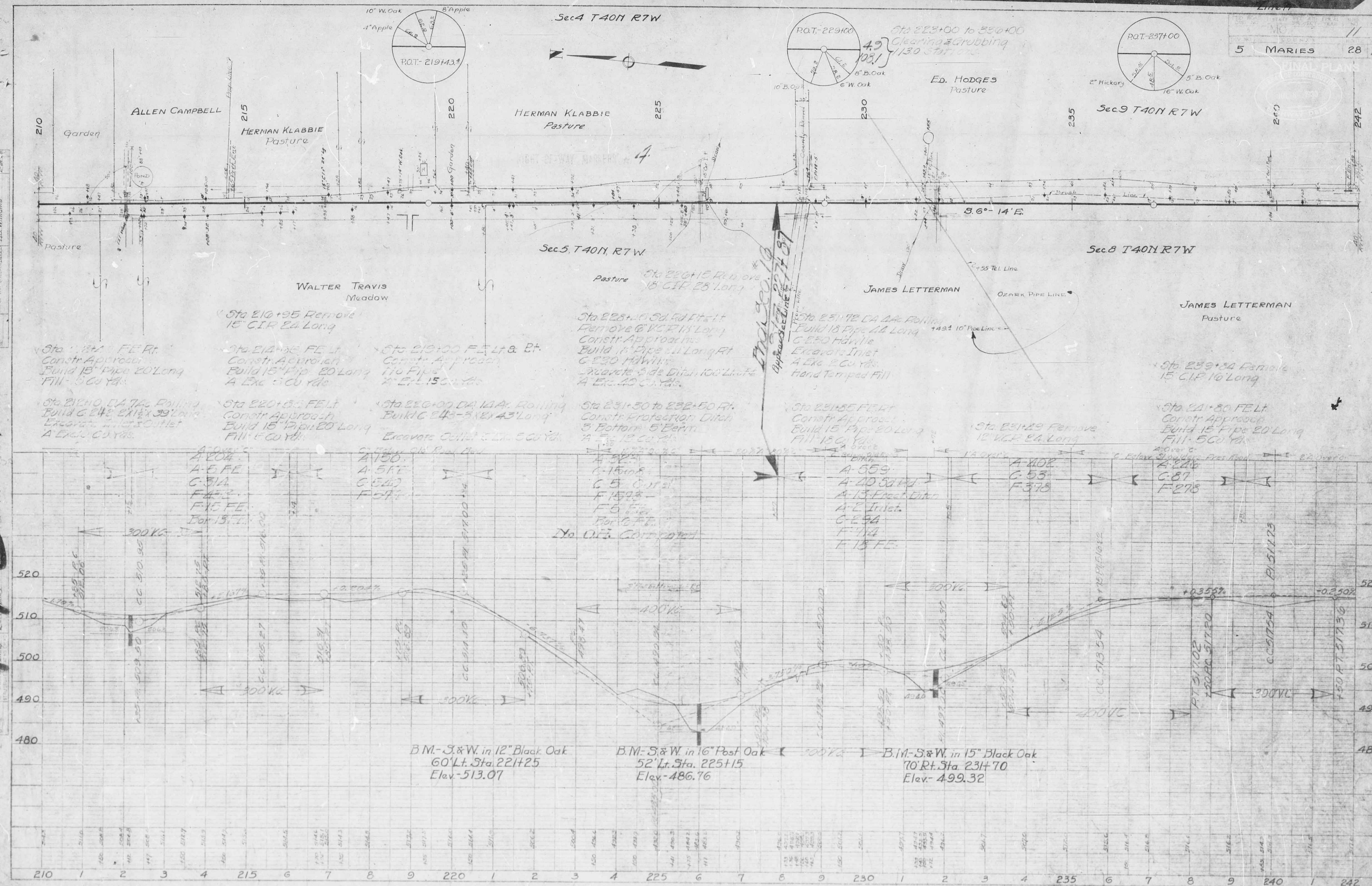
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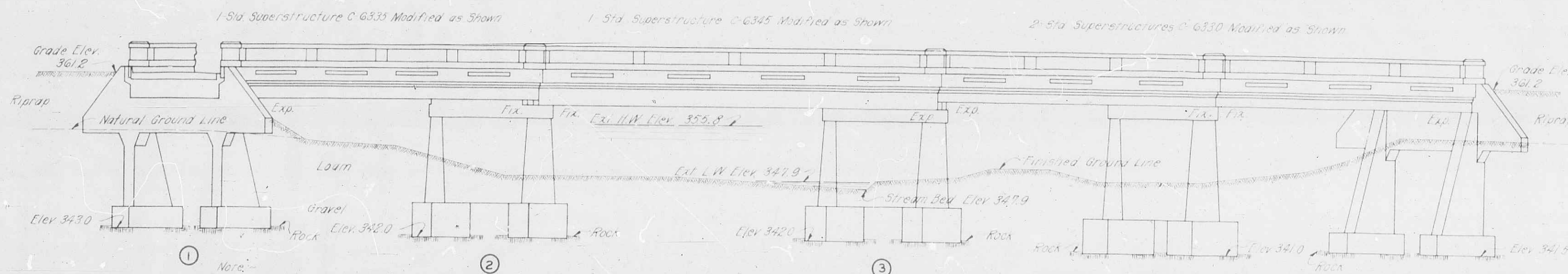
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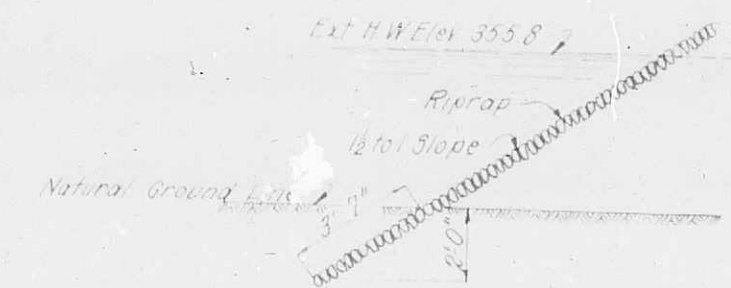


MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	R28-S16	19		



GENERAL ELEVATION



SIDE SLOPES OF FILL

RIPRAP SKETCH

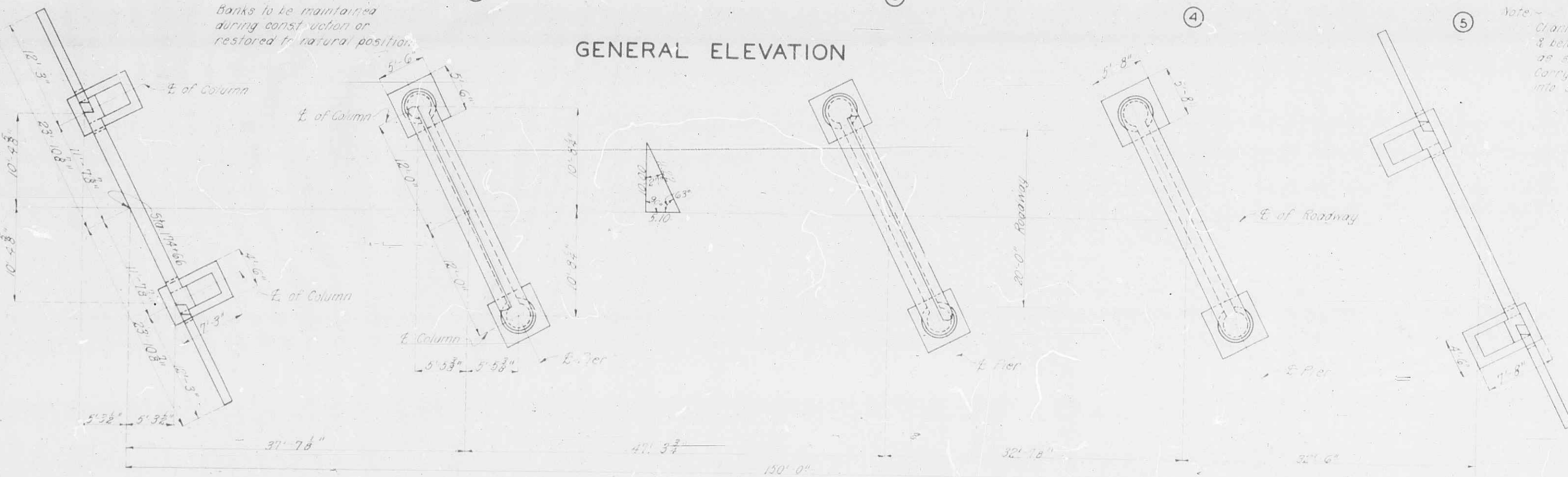
ESTIMATED QUANTITIES

ITEM	SUBSTR.	SUPERSTR.	TOTAL
Excavation	250		250
Concrete 1:2:3 mix		4.9	4.9
Concrete 1:2.5:3 mix		182.7	182.7
Concrete 1:2:4 mix		14.9	14.9
Reinforcing Steel	10,700	46,240	56,940

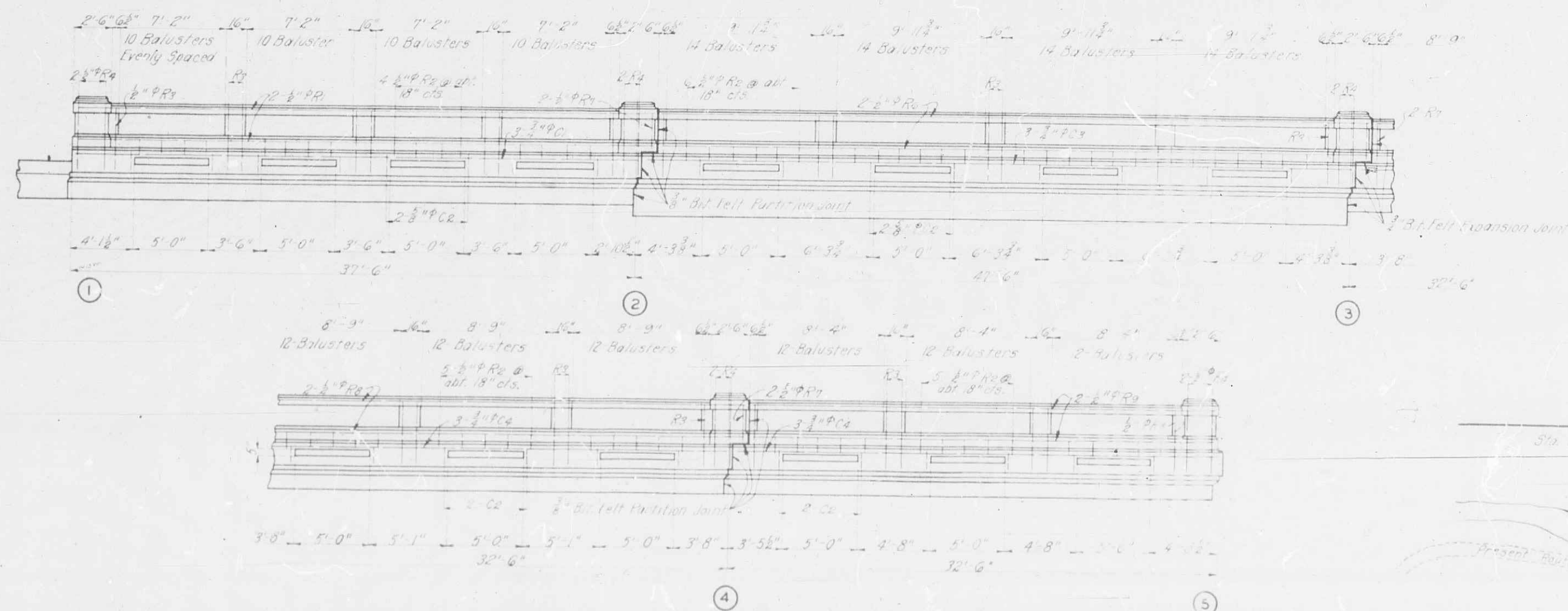
Weight of bearing plates and bolts for deck girder spans is included in weight of reinforcing steel.

GENERAL NOTES:-

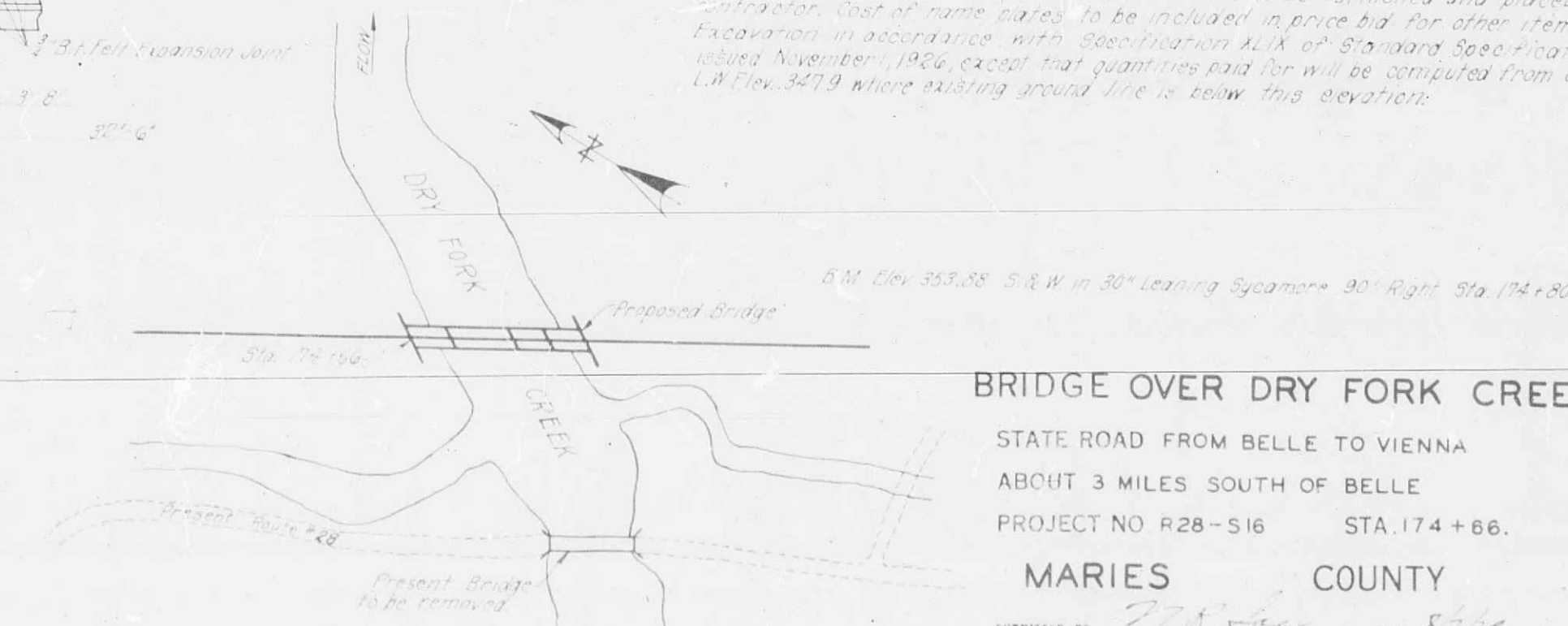
Concrete in handrail to be 1:2:3 mix. Concrete in slab, curbs and girders to be 1:2.5:3 mix. All other concrete to be 1:2:4 mix. Exposed edges to be beveled 1/2" where no other bevel is noted. Omit drains as shown on Standard C-6330, C-6335 & C-6345. Shop drawings for the fabricating of bearing plates and bolts will be furnished by the Missouri State Highway Department. No permanent camber desired in finished girders. Any construction camber remaining in girders to be taken out in floor slab by thickening floor over supports. Girders and slab shall not be less in depth than standard. Where bituminous felt is used in expansion or partition joints in concrete, stitch felt in vertical joint securely to one face of concrete with copper wire. Two name plates, type X, as shown on Sta. 5+81.8 to be furnished and placed by contractor. Cost of name plates to be included in price bid for other items. Excavation in accordance with Specification XLIX of Standard Specifications issued November, 1926, except that quantities paid for will be computed from extreme L.W. Elev. 347.9 where existing ground line is below this elevation.



PLAN



ELEVATION OF HANDRAIL AND CURB



LOCATION SKETCH

BRIDGE OVER DRY FORK CREEK

STATE ROAD FROM BELLE TO VIENNA

ABOUT 3 MILES SOUTH OF BELLE

PROJECT NO R28-S16 STA. 174+66.

MARIES COUNTY

SUBMITTED BY

APPROVED BY

DATE 8/25

DATE 8/25

BRIDGE ENGINEER

CHIEF ENGINEER

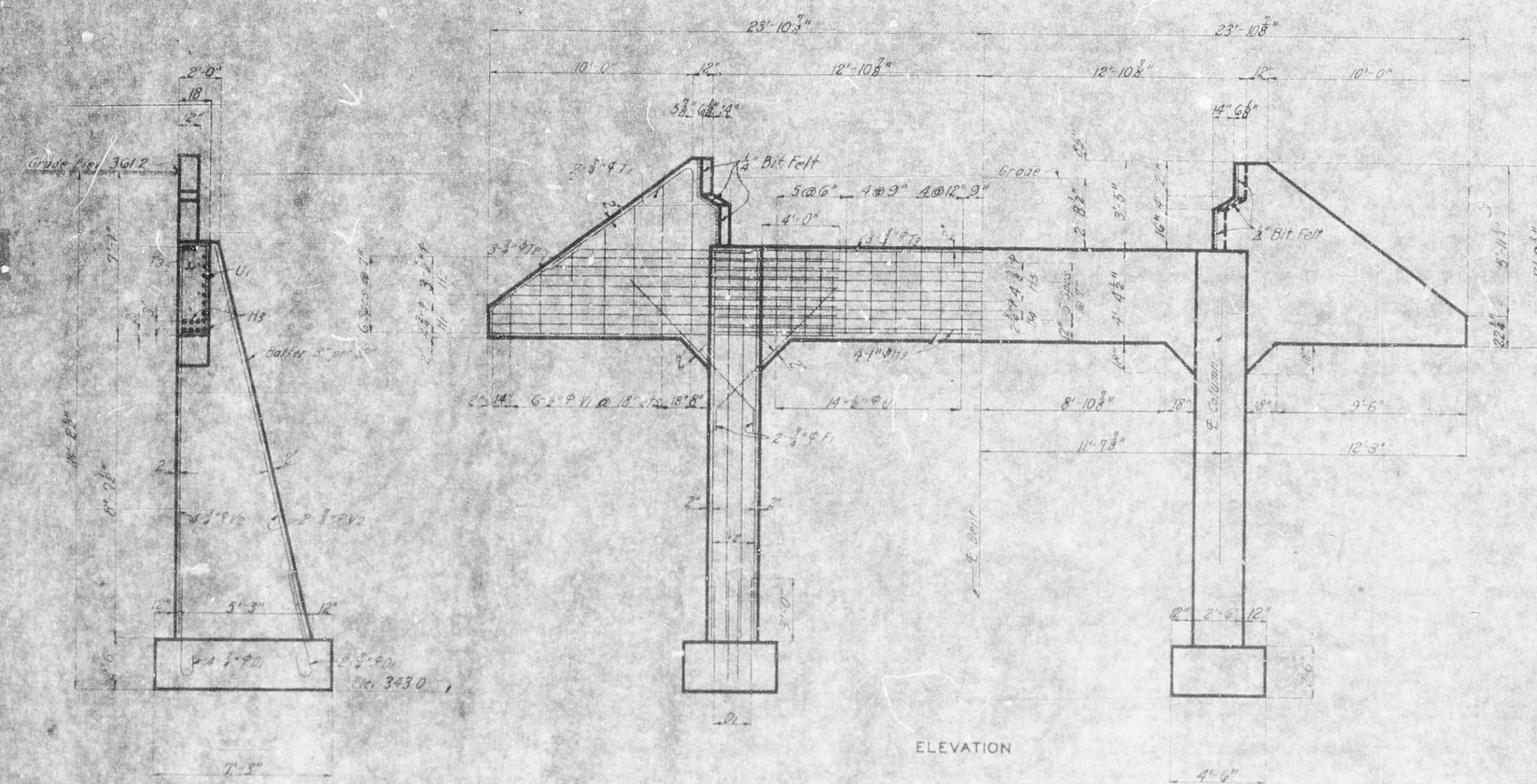
Drawn June 1929 By A.F.K.
Traced June 1929 By H.E.C.
Checked June 1929 By P.B.R.

Sheet No 1 of 6

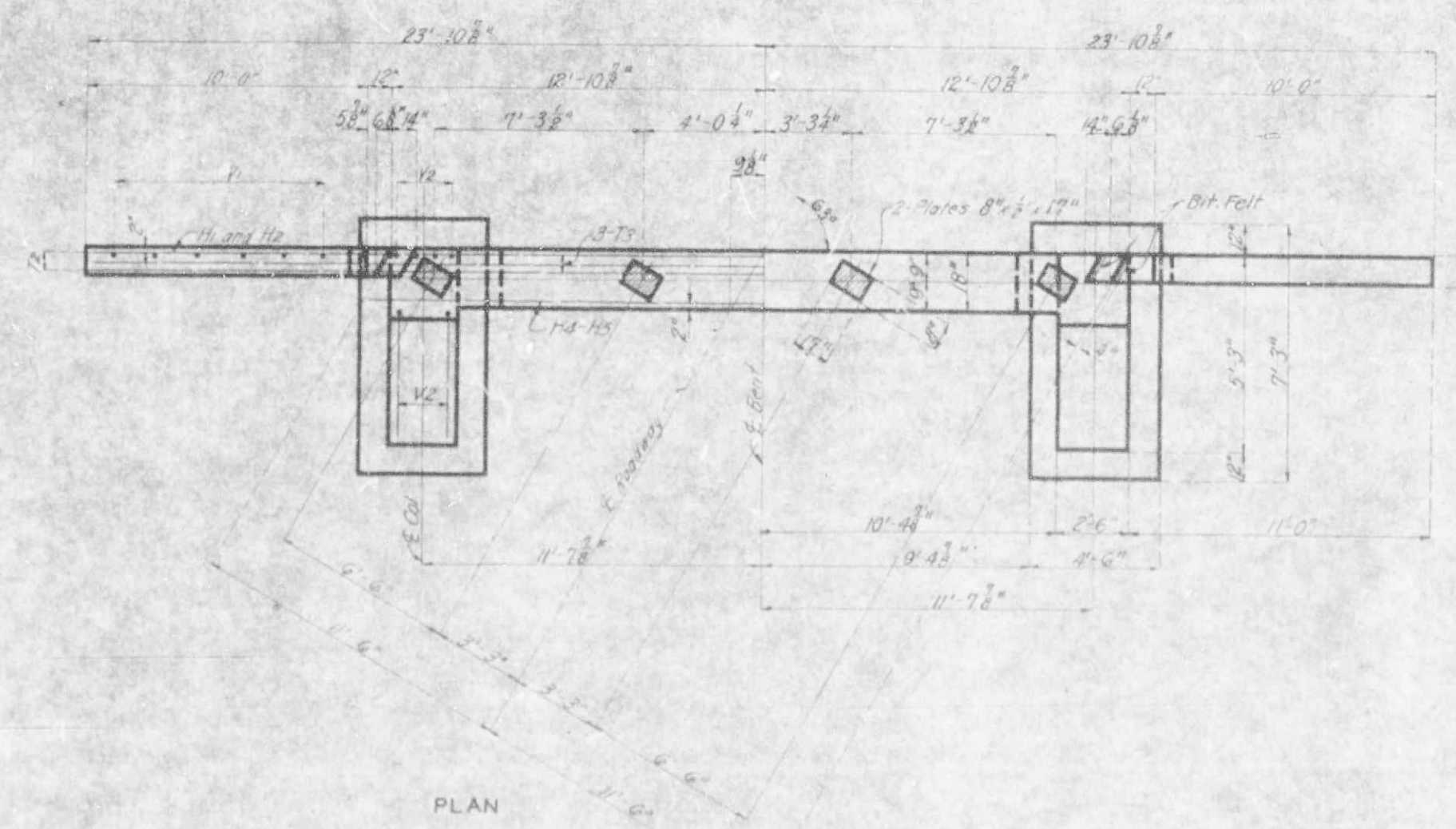
STD. C-6330
STD. C-6335
STD. C-6345
STD. S-818
H-980

MISSOURI STATE HIGHWAY DEPARTMENT

FINAL PLANS



SECTION AT E



PLAN

DETAIL OF END BENT NO. 1

COMPLETE BILL OF REINFORCING STEEL

BENDING SKETCHES & CUTTING DIAGRAMS

NO SIZE LENGTH MARK LOCATION

End Bent No. 1				
12	3/4"	6'-3"	D1	Footings
8	3/4"	9'-3"	F1	Haunch
9	3/4"	17'-6"	H1	Wing Wall
3	3/4"	30'-9"	H2	"
2	1"	25'-6"	H3	Beam
2	3/4"	25'-6"	H4	"
4	3/4"	25'-6"	H5	"
4	3/4"	17'-6"	T1	Wing Wall
6	3/4"	15'-3"	T2	"
3	3/4"	25'-6"	T3	Beam
6	1/2"	9'-0"	V1	Wing Wall
12	3/4"	12'-9"	V2	Column
28	1/2"	11'-9"	V3	Beam

NO SIZE LENGTH MARK LOCATION

Piers No. 2 & 3				
32	1"	8'-0"	D2	Footings
6	1"	26'-0"	H9	Web Wall
16	3/4"	26'-0"	H10	"
4	1"	24'-0"	H11	Cap
8	3/4"	22'-9"	H12	Haunch
88	3/4"	71'-3"	H13	Cap
48	3/4"	11'-6"	V6	Web Wall
32	1"	11'-6"	V7	Column

NO SIZE LENGTH MARK LOCATION

Pier No. 4				
16	1"	8'-0"	D2	Footings
3	1"	26'-0"	H9	Web Wall
10	3/4"	26'-0"	H10	"
4	1"	24'-0"	H11	Cap
44	3/4"	71'-3"	H13	Cap
24	3/4"	13'-6"	V6	Web Wall
16	1"	13'-6"	V7	Column

NO SIZE LENGTH MARK LOCATION

End Bent No. 5				
12	3/4"	6'-3"	D1	Footings
8	3/4"	9'-3"	F1	Haunch
9	3/4"	17'-6"	H1	Wing Wall
3	3/4"	30'-9"	H2	"
2	1"	25'-6"	H3	Beam
4	3/4"	25'-6"	H5	"
9	3/4"	25'-6"	H6	"
6	3/4"	16'-3"	T2	"
3	3/4"	25'-6"	T3	Beam
6	3/4"	9'-0"	V1	Wing Wall
12	3/4"	12'-9"	V2	Column
28	1/2"	12'-9"	V3	Beam

NO SIZE LENGTH MARK LOCATION

2-30 Deck Girder Spans				
48	3/4"	15'	C2	Curb
12	3/4"	25'-3"	C4	"
60	1/2"	9'	R2	Rail
24	1/2"	8'-3"	R3	Sub Post
16	3/4"	4'-0"	R4	Post
576	3/4"	18'	R5	Barister
4	1/2"	2'-3"	R7	Post
8	1/2"	31'-0"	R9	"
8	1/2"	31'-0"	R9	"
28	3/4"	22'-0"	S1	Slab
28	3/4"	24'-3"	S2	"
28	3/4"	25'-3"	S3	"
12	1/2"	18'-0"	S4	"
24	1/2"	5'-0"	S5	"
18	1/2"	31'-3"	S7	"
26	3/4"	29'-9"	S8	"

BENDING SKETCHES & CUTTING DIAGRAMS

NO SIZE LENGTH MARK LOCATION

2-30 Deck Girder Spans				
26	3/4"	26'-6"	S2	Slab
312	1/2"	6'-0"	B1	Girder
16	1/2"	31'-3"	B2	"
32	1/4"	34'-3"	B3	"
16	1/2"	34'-6"	B4	"
16	1/2"	34'-6"	B5	"
8	1/2"	24'-9"	H2	Web

NO SIZE LENGTH MARK LOCATION

1-35 Deck Girder Spans				
6	3/4"	37'-3"	C1	Curb
32	3/4"	15'	C2	"
16	1/2"	20'-3"	R1	Rail
32	1/2"	0"	R2	"
16	1/2"	8'-3"	R3	Sub Post
16	1/2"	0"	H4	Post
320	3/4"	18'	R5	Barister
4	1/2"	2'-3"	R7	Post
17	3/4"	22'-9"	S1	Slab
17	3/4"	24'-3"	S2	"
17	3/4"	25'-3"	S3	"
6	1/2"	20'-9"	S4	"
6	1/2"	7'-0"	S5	"
12	3/4"	5'-3"	S6	"
12	3/4"	13'-0"	S7	"
13	3/4"	29'-9"	S8	"
13	3/4"	28'-6"	S9	"
172	1/2"	6'-6"	B1	Girder
16	3/4"	13'-0"	B2	"
16	1/4"	39'-5"	B3	"
8	1/4"	39'-9"	B4	"
8	1/4"	39'-9"	B5	"
2	1/2"	24'-9"	H1	Web Wall
4	3/4"	24'-9"	H2	"

NO SIZE LENGTH MARK LOCATION

1-45 Deck Girder Spans				
32	3/4"	15'	C2	Curb
12	3/4"	25'-3"	C3	"
48	1/2"	9'	R2	Rail
16	1/2"	8'-3"	R3	Sub Post
8	1/2"	4'-1"	R4	Post
440	3/4"	18'	R5	Barister
16	3/4"	24'-9"	R6	Rail
4	1/2"	2'-3"	R7	Post
24	3/4"	22'-9"	S1	Slab
24	3/4"	24'-3"	S2	"
24	3/4"	25'-3"	S3	"
6	1/2"	26'-6"	S4	"
6	1/2"	7'-0"	S5	"
12	1/2"	6'-0"	S6	"
12	1/2"	24'-0"	S7	"
13	3/4"	29'-9"	S8	"
13	3/4"	28'-6"	S9	"
196	1/2"	8'-3"	B1	Girder
16	1/2"	24'-0"	B2	"
20	1/2"	49'-3"	B3	"
8	1/4"	50'-8"	B4	"
12	1/2"	30'-3"	B5	"
2	3/4"	22'-3"	H1	Web Wall
4	3/4"	24'-9"	H2	"

NO SIZE LENGTH MARK LOCATION

13-58 BARS CUT 52 & BEND AS SHOWN				
13-58 BARS CUT 52 & BEND AS SHOWN				

NO SIZE LENGTH MARK LOCATION

13-59 BARS CUT 52 & BEND AS SHOWN				
13-59 BARS CUT 52 & BEND AS SHOWN				

Bars in above units to be billed and tagged separately. Dimensions of bars are given along E and are for computed lengths. For bending sketches of bars B1, B3, B4, B5, B6, B8 see Std. C-6330, Std. C-6335 and Std. C-6335.

BRIDGE OVER DRY FORK CREEK

STATE ROAD FROM BELLE TO VIENNA
ABOUT 3 MILES SOUTH OF BELLE
PROJECT NO. R28-S16 STA. 174+36.

MARIES COUNTY
SUBMITTED BY: [Signature]
APPROVED BY: [Signature]
DATE: 8/24
DATE: 8/24

STD.C-6330
STD.C-6335
STD.C-6345
STD. 5816
H-980

Issued June 1929 by H.E.C.
Checked June 1929 by P.B.R.
Approved July 1929 by H.E.C.
Checked Feb. 1929 by P.B.

Note:
This drawing is not to scale.
Follow dimensions.

Sheet No. 2 of 6

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	R28-S16	19	91	

Hand-drawn structural drawing of a building section, showing a grid of columns and beams. The drawing includes dimensions for column spacing (e.g., 24'-0" c/c of columns), beam sizes (e.g., 2'-4" H12, 2'-1" H11), and floor levels (Elev. 342.0, Elev. 346.0). It also shows a grid of reinforcement bars (e.g., 3-1" H3, 3-1" V4) and a note "Symmetrical about E".

Hand-drawn cross-section diagram of a bridge pier. The diagram shows a central pier with a rectangular cross-section. The top of the pier is labeled "Grade Elev 361.20". The pier is supported by a foundation. Dimensions include: total width 3'-2", top width 20", and side widths 18" and 18". The pier is labeled "Batter 2" per 12"". The foundation is labeled "D2" and has a width of 5'-6". The pier is labeled "V6" and "V7". The foundation is labeled "V4" and "V5". The pier is labeled "H11" and "H12". The pier is labeled "Pier #2" and "Pier #3". The pier is labeled "19'-2 1/2"" and "10'-3"".

[illegible]

PLAN
DETAILS OF PIERS NO. 2&3

SUBMITTED BY *W.R. Day* DATE *8/2*
BRIDGE ENGINEER
APPROVED BY *T.H. Carter* DATE *8/2*
CHIEF ENGINEER

STD. C-8330
STD. C-8335
STD. C-8345
STD. S-818
H-980

Sheet # 3 of 5

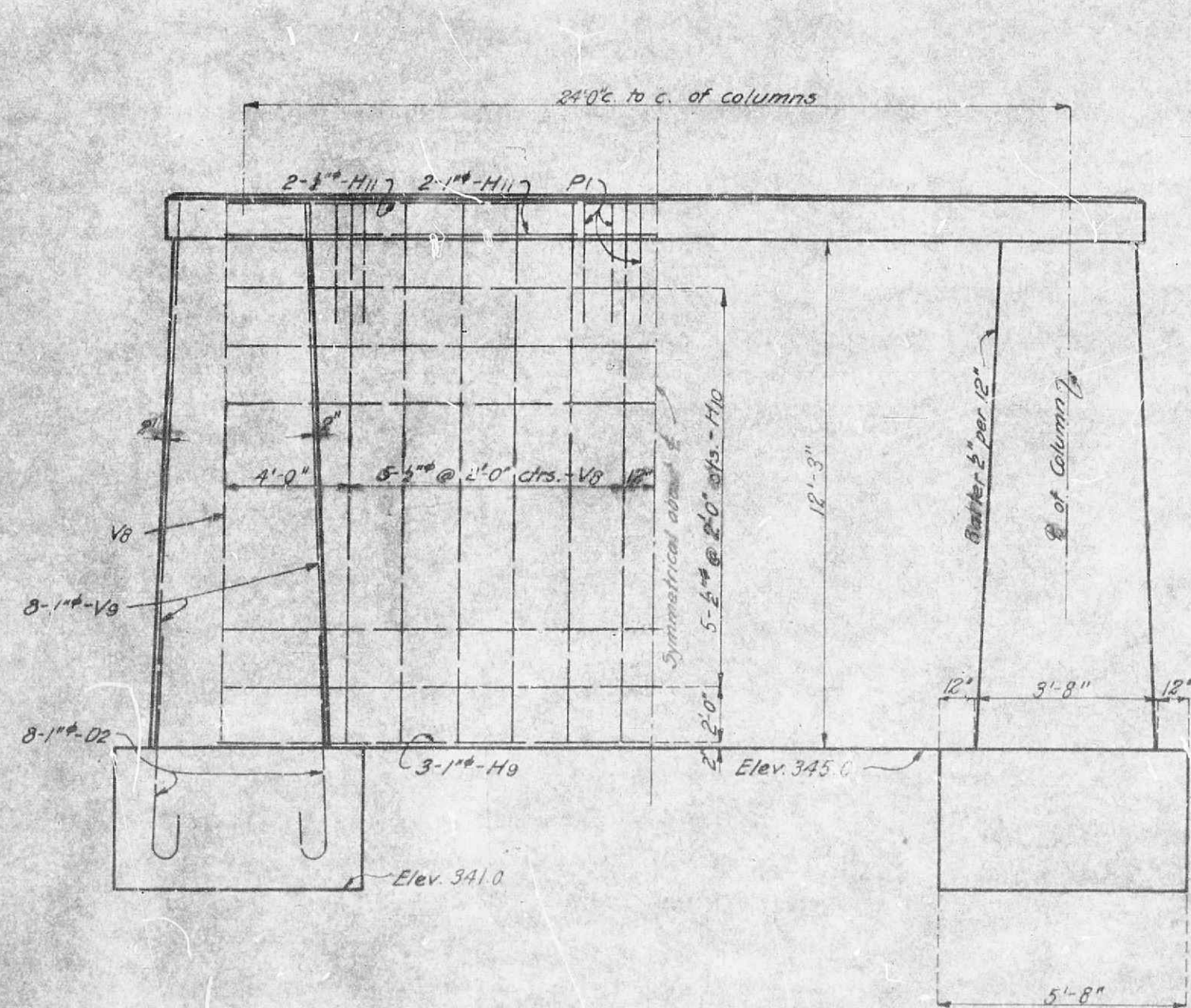
STEEL SPANS - PIERS - SB05

Assembled May 1929 by A.F.K. & H.E.C.
Checked June 1929 by P.B.R.
Drawn June 1929 by H.S.P.
Checked June 1929 by J.I.

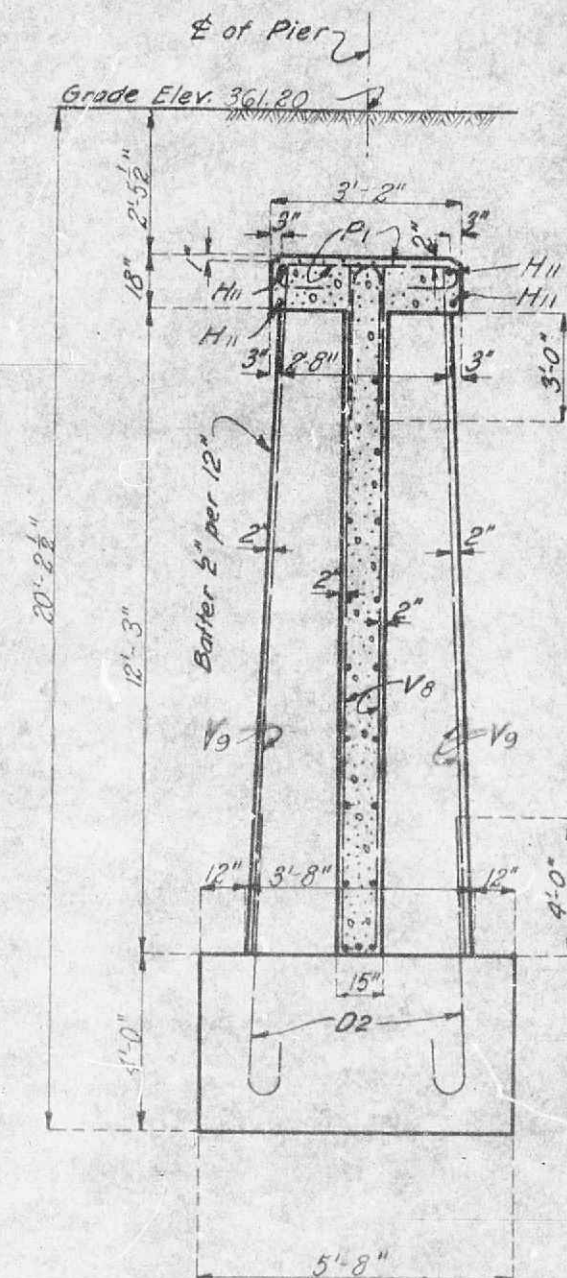
MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	YEAR
5	MO.	R28-S16	19

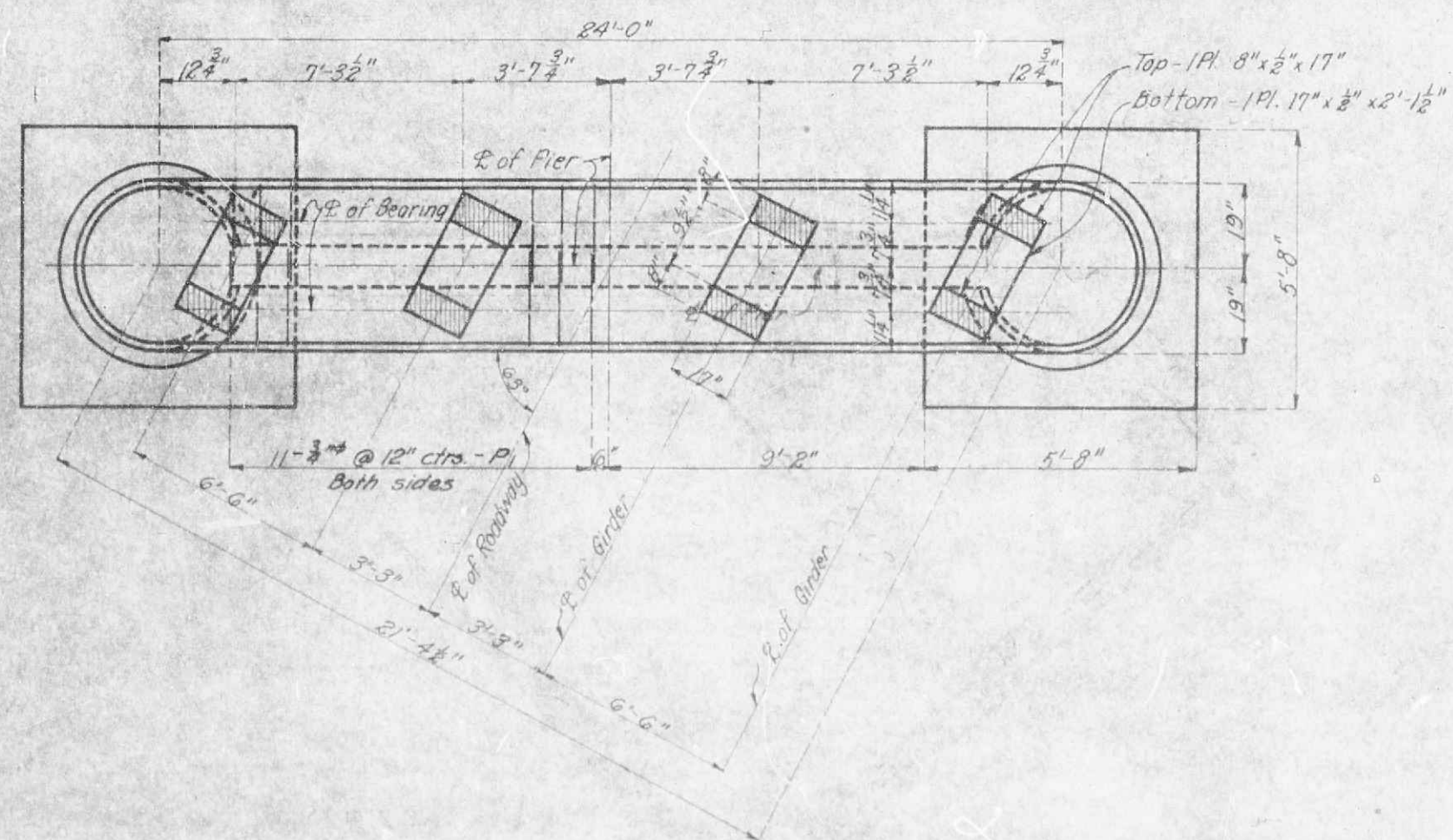
FINAL PLANS



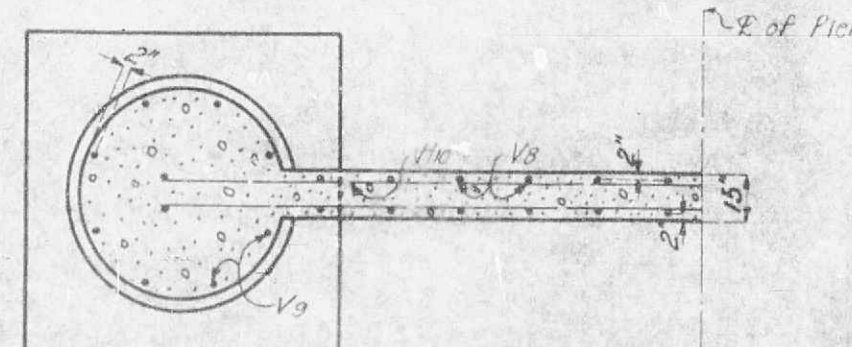
ELEVATION



SECTION AT E
AT RIGHT ANGLES TO E OF PIER



PLAN
DETAILS OF PIER NO. 4



HALF HORIZONTAL SECTION

BRIDGE OVER DRY FORK CREEK

STATE ROAD FROM BELLE TO VIENNA

ABOUT 3 MILES SOUTH OF BELLE

PROJECT NO. R28-S16 STA. 174+66.

MARIES COUNTY

SUBMITTED BY: *M.R. Lacy* DATE: *8/24*
APPROVED BY: *M. Lacy* DATE: *8/24*
BRIDGE ENGINEER CHIEF ENGINEER

STD. C-6330
STD. C-6335
STD. C-6345
STD. C-6348
H-980

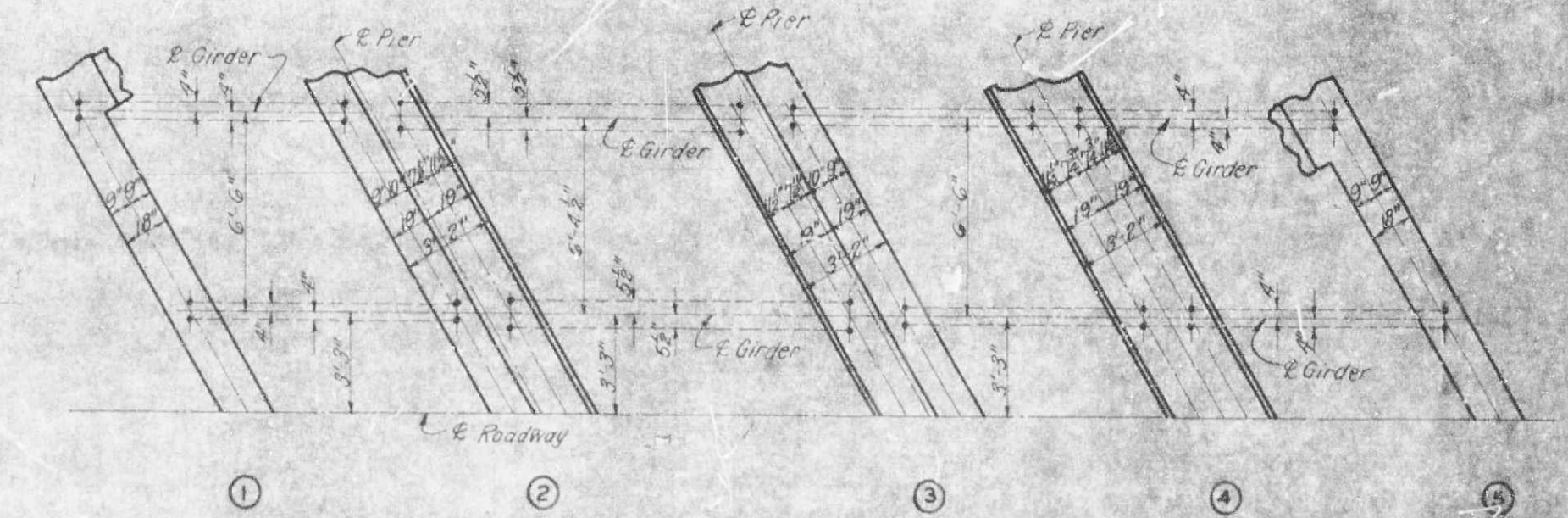
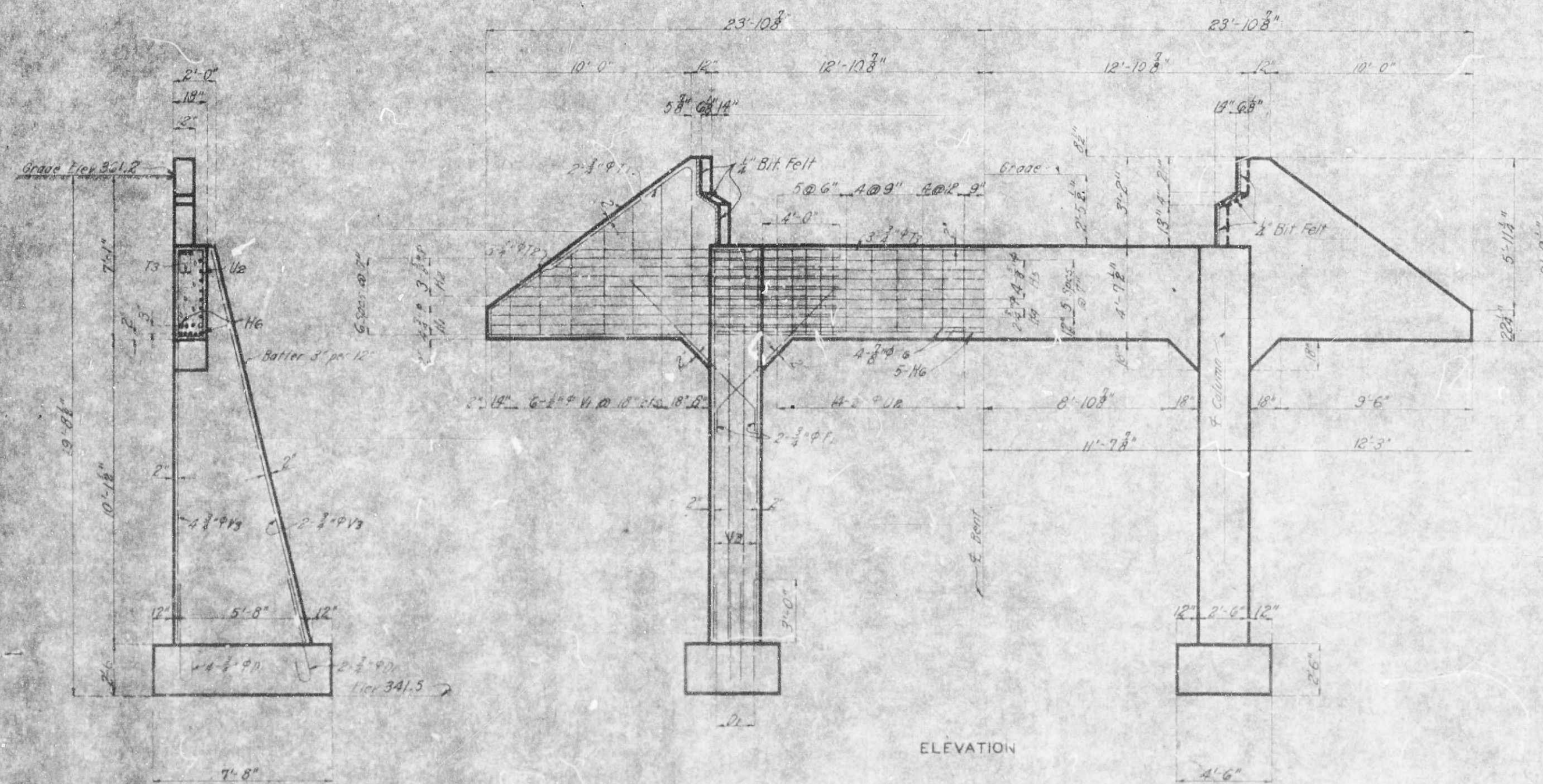
Assembled June 1929 by A.K. & H.F.C.
Checked June 1929 by P.B.S.
Drawn June 1929 by H.B.P.
Checked June 1929 by J.I.

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MISSOURI STATE HIGHWAY DEPARTMENT

ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO	R28-316	192	25	

FINAL PLANS



- LIST OF BEARING PLATES & BOLTS REQ'D:-
- 40 - Plates 5" x 8" x 1/4"
 - 16 - Plates 8" x 8" x 1/4"
 - 4 - Plates 17" x 8" x 1/4"
 - 12 - Copper Plates 8" x 17" - 16 Gauge
 - 4 - Copper Plates 8" x 20" - 16 Gauge
 - 64 - 3/4" P Bolts 12" long - Sq Nuts, Csk Hds
 - 64 - 3/4" P Bolts 12" long - No Threads or Nuts
 - 64 - 7/8" P Bolts 12" long - 30# Iron

Above list of bearing plates and bolts is complete. Plates & Bolts listed are Standards C-6330, C-6335 & C-6345 not to be ordered.

BRIDGE OVER DRY FORK CREEK

STATE ROAD FROM BELLE TO VIENNA

ABOUT 3 MILES SOUTH OF BELLE

PROJECT NO R28-S16

STA. 174+88.

MARIES COUNTY

SUBMITTED BY *M. R. Lacy* DATE *8/14*
 BRIDGE ENGINEER
 APPROVED BY *Th. R. Lacy* DATE *8/14*
 CHIEF ENGINEER

STD-C-8330
STD-C-8335
STD-C-6345
STD-S818
H-980

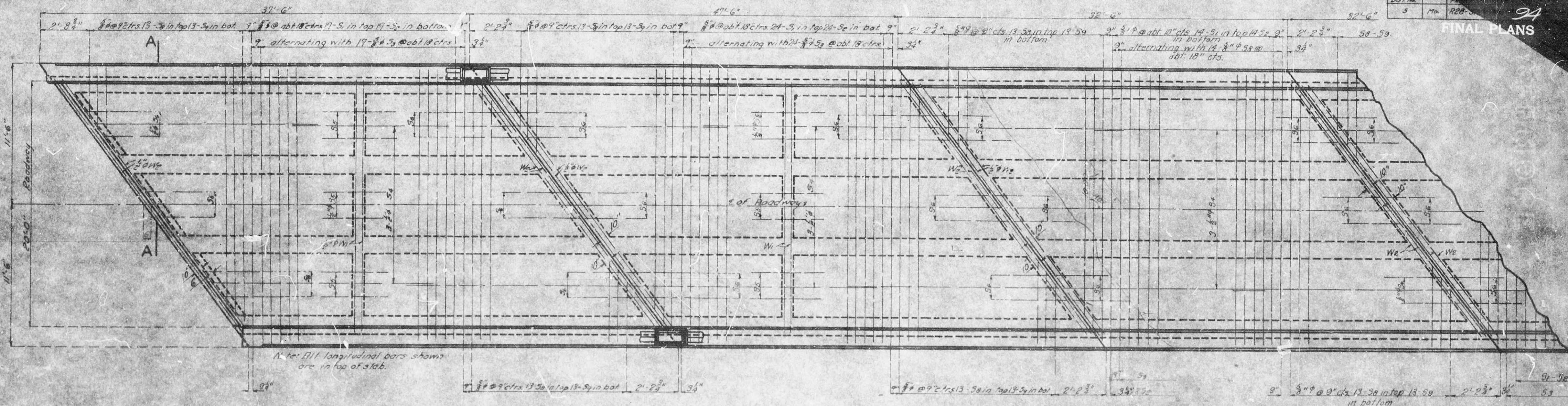
Note: This drawing is not to scale. Follow dimensions.

Sheet No. 3 of 6

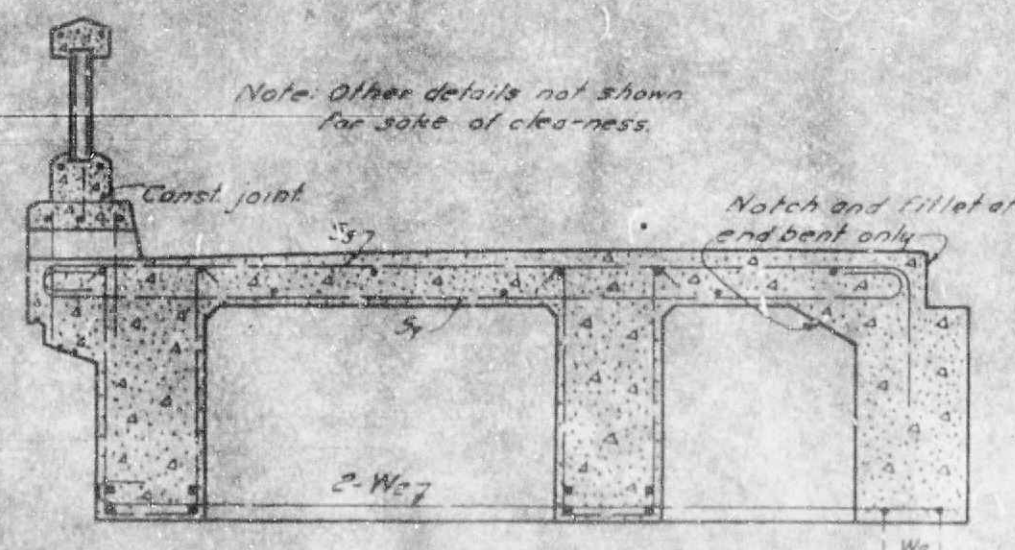
As ordered June 1929 by H.E.C.
 Checked June 1929 by P.B.R.
 Drawn July 1928 by H.E.C.
 Checked Feb. 1928 by H.E.C.

MISSOURI STATE HIGHWAY DEPARTMENT

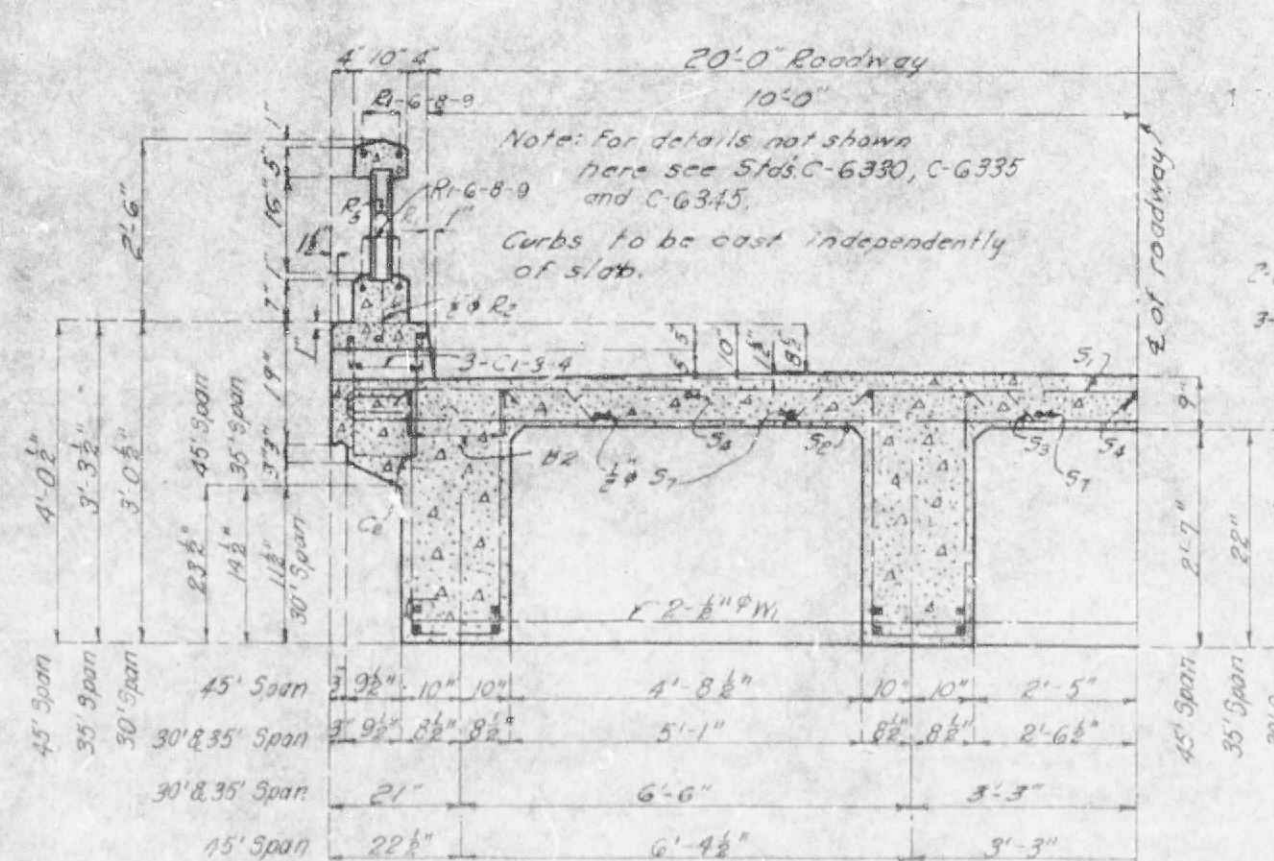
94
FINAL PLANS



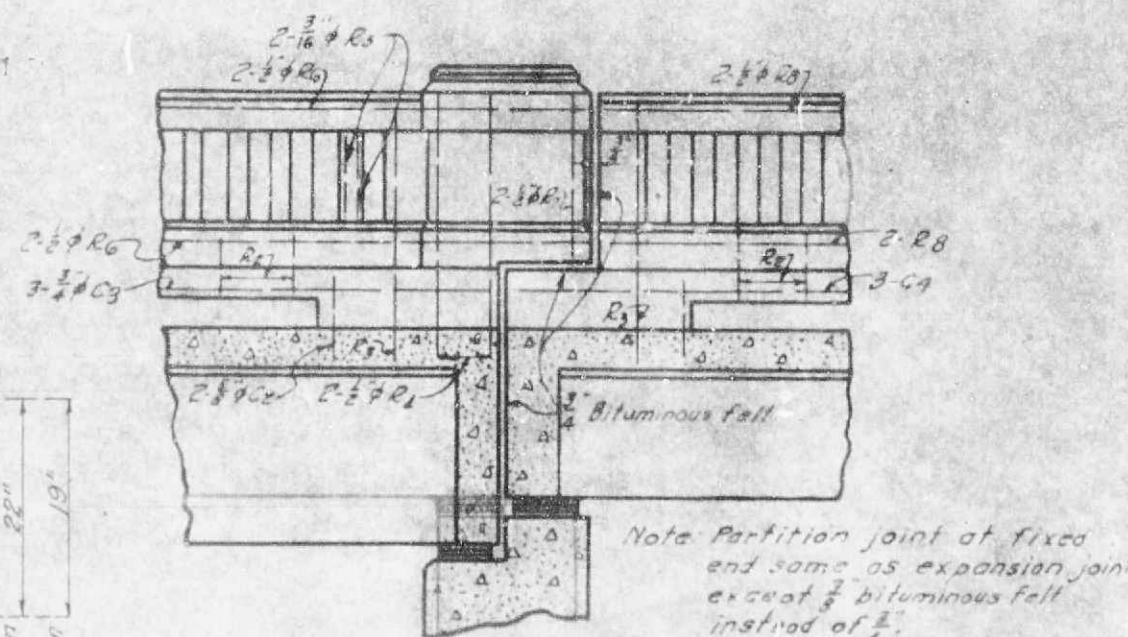
PLAN OF SLAB SHOWING REINFORCEMENT



SECTION A-A



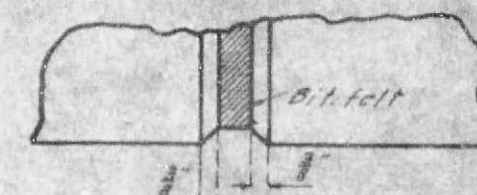
HALF CROSS SECTION



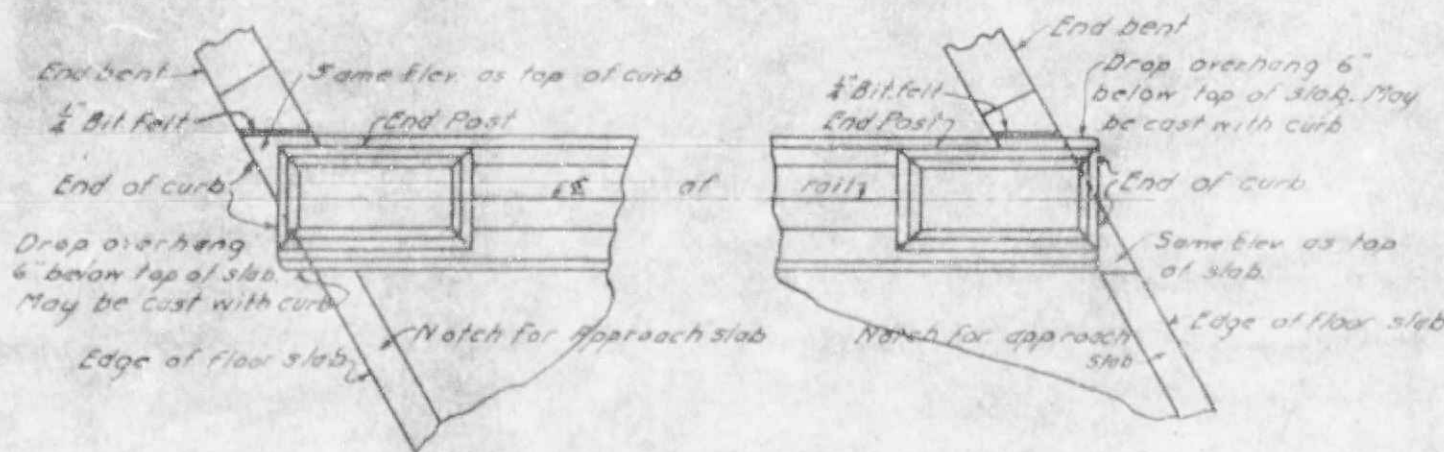
DETAIL OF HANDRAIL EXPANSION JOINTS



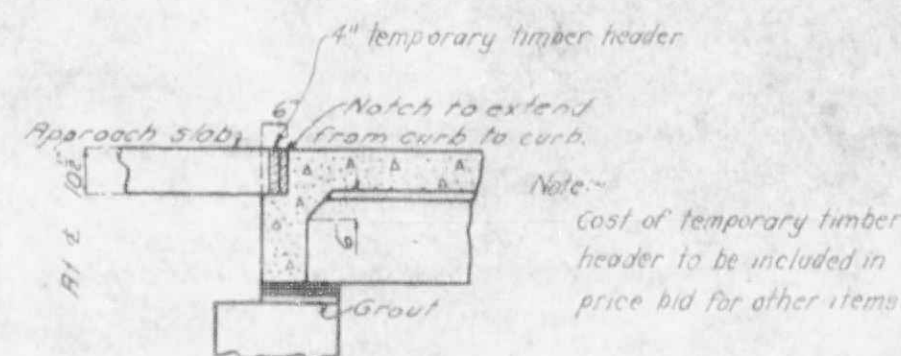
DETAIL OF BEVEL FOR CONST. JOINT AT CURB



DETAIL OF BEVEL FOR BIT. FELT JOINTS



SKETCHES SHOWING LOCATION OF END POSTS OF HANDRAIL



DETAIL OF NOTCH FOR APPROACH SLABS
SECTION PARALLEL TO C ROADWAY

BRIDGE OVER DRY FORK CREEK

STATE ROAD FROM BELLE TO VIENNA
ABOUT 3 MILES SOUTH OF BELLE
PROJECT NO. R28-S16 STA. 174+86.

MARIES COUNTY

SUBMITTED BY: M. R. Lark DATE: 8/29/29
APPROVED BY: M. R. Lark DATE: 8/29/29
BRIDGE ENGINEER
CHIEF ENGINEER

STD. C-6330
STD. C-6335
STD. C-6345
STD. S-818
H-980

TYP. SEC. 4 Earthwork

STANDARDS

Route 28

Sec. or P. 16

County **MARIES**

Sheet # **95**

SURFACE-CURB+GUTTER
APPROACHES

DRAINAGE

C-24

C-231

BRIDGES

C-6330

C-6335

C-6345

C-818

MISC.

CONC-REINF. APPURTS,
FINISH ETC.

FINAL	DATE
SURVEY	BY
NOTED	
REVIEWED	
APPROVED	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTED	
REVIEWED	
APPROVED	
NO.	

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