

145

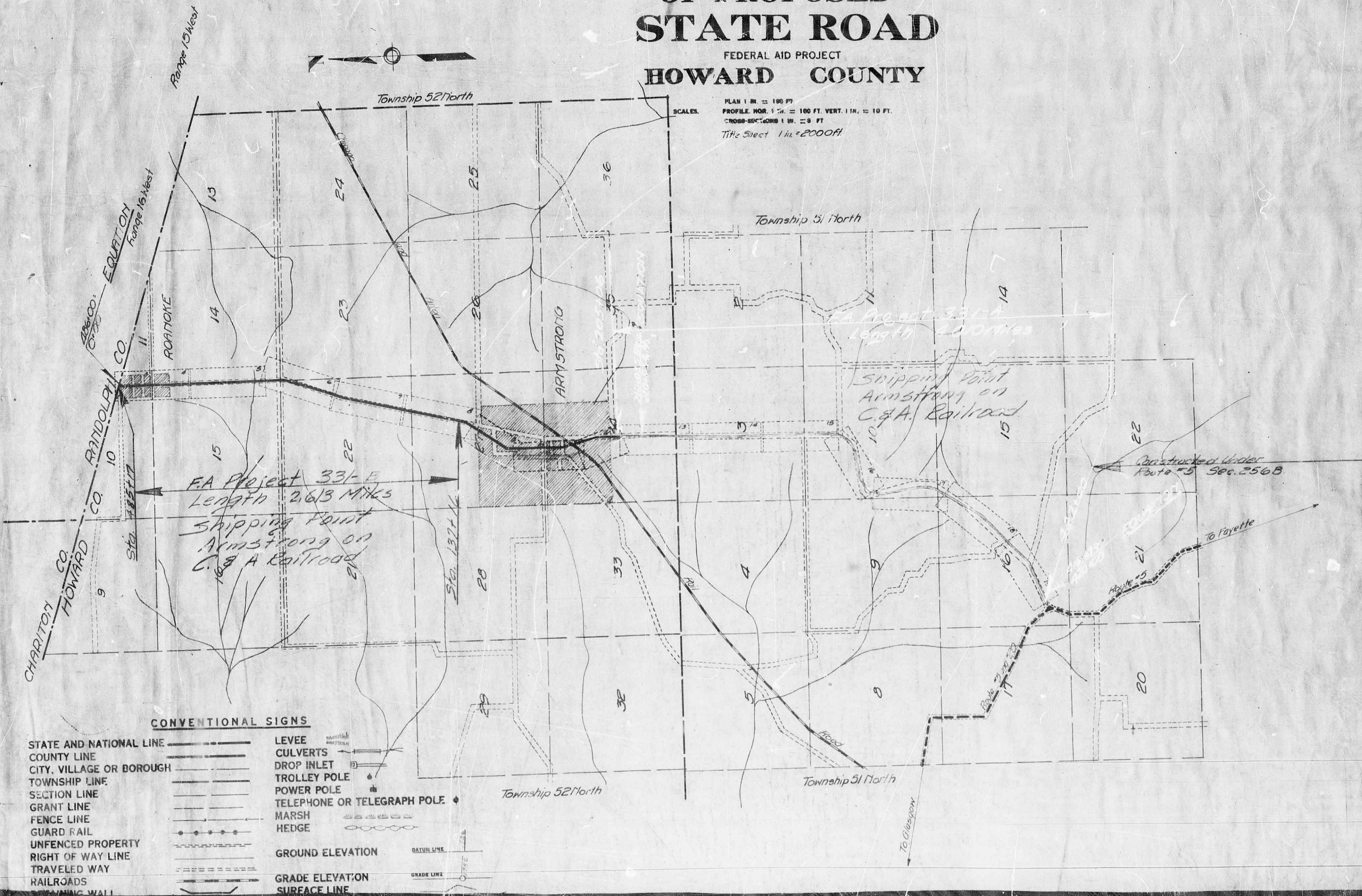
MISSOURI
STATE HIGHWAY COMMISSION
PLAN AND PROFILE
OF PROPOSED
STATE ROAD
FEDERAL AID PROJECT
HOWARD COUNTY

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO	331		1	1
DIV. NO.	COUNTY	ROUTE	SEC. NO.		
5	HOWARD	25			

FINAL PLANS



PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS-SECTIONS 1 IN. = 8 FT.
Title Sheet 1 in. = 2000 ft.



CONVENTIONAL SIGNS

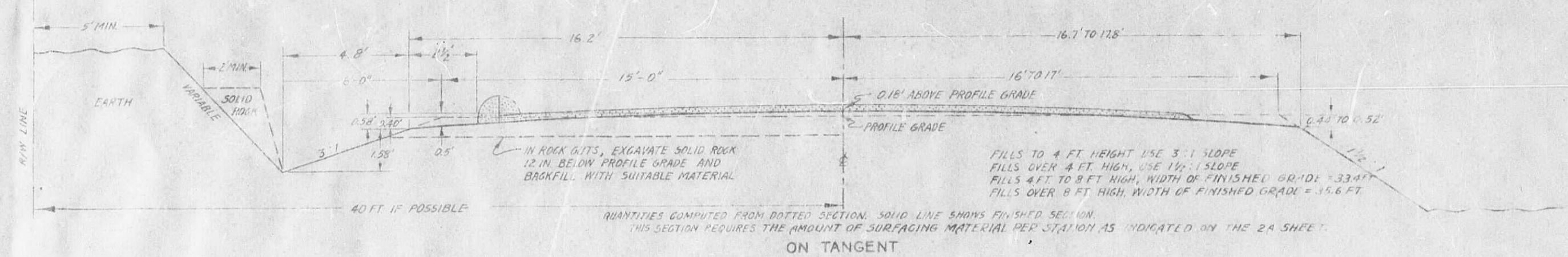
- | | |
|--------------------------|-----------------------------|
| STATE AND NATIONAL LINE | LEVEE |
| COUNTY LINE | CULVERTS |
| CITY, VILLAGE OR BOROUGH | DROP INLET |
| TOWNSHIP LINE | TROLLEY POLE |
| SECTION LINE | POWER POLE |
| GRANT LINE | TELEPHONE OR TELEGRAPH POLE |
| FENCE LINE | MARSH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

SUBMITTED
CHIEF ENGINEER MO. STATE HIGHWAY COMMISSION
RECOMMENDED FOR APPROVAL
DISTRICT ENGINEER DISTRICT NO. 5
RECOMMENDED FOR APPROVAL
CHIEF ENGINEER BUREAU PUBLIC ROADS
APPROVED

FINAL PLANS

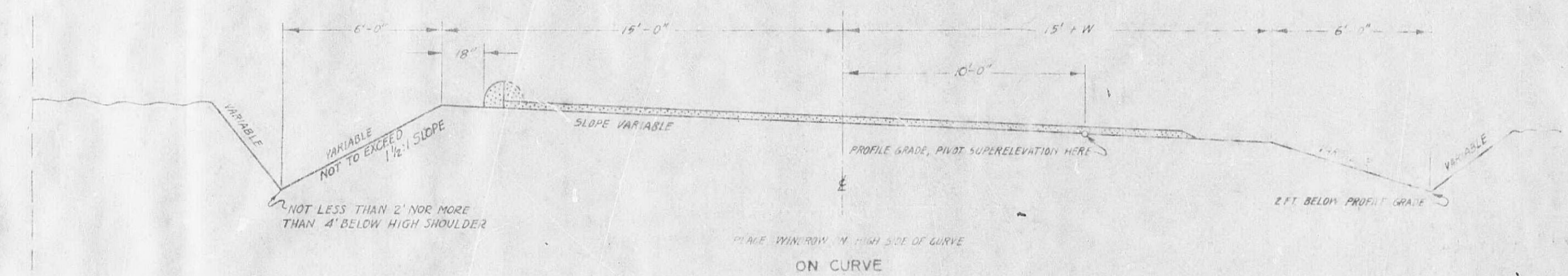


NOTE
A UNIFORM THICKNESS SHALL BE SPREAD OVER SUBGRADE FROM WINDROW ON ONE SHOULDER TO POINT 4 FT. FROM OPPOSITE SHOULDER AND SHALL BE BLADED AND MAINTAINED DAILY AT EXPENSE OF CONTRACTOR FREE FROM HOLES, RUTS OR BUMPS UNTIL FINAL ACCEPTANCE OF WORK. UPON FINAL ACCEPTANCE OF WORK, AMOUNT OF GRAVEL OR CHATS NOT NECESSARY TO SPREAD AND MAINTAIN 2 IN. THICKNESS, SHALL BE LEFT BY CONTRACTOR ON ONE SHOULDER IN A NEAT AND SYMMETRICAL WINDROW AS A STOCK PILE.

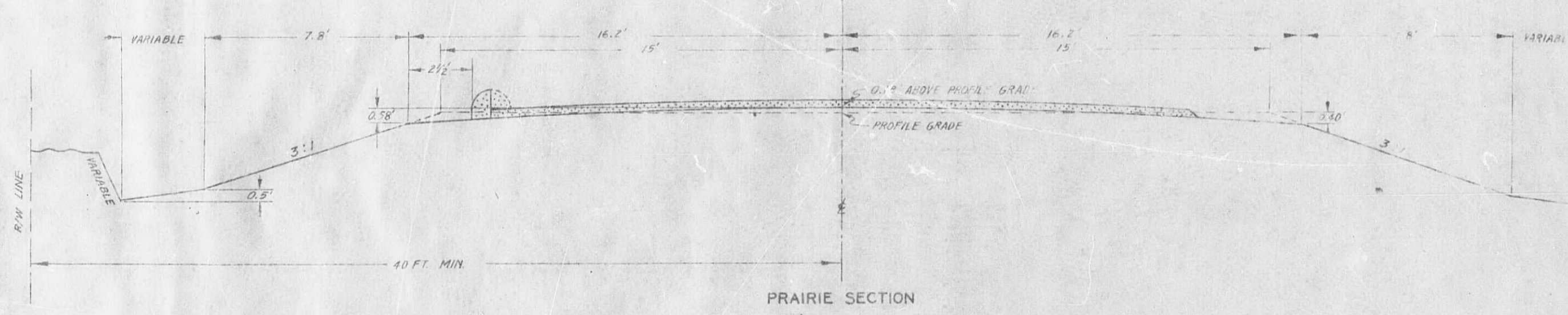


QUANTITIES COMPUTED FROM DOTTED SECTION. SOLID LINE SHOWS FINISHED SECTION. THIS SECTION REQUIRES THE AMOUNT OF SURFACING MATERIAL PER STATION AS INDICATED ON THE 2A SHEET.

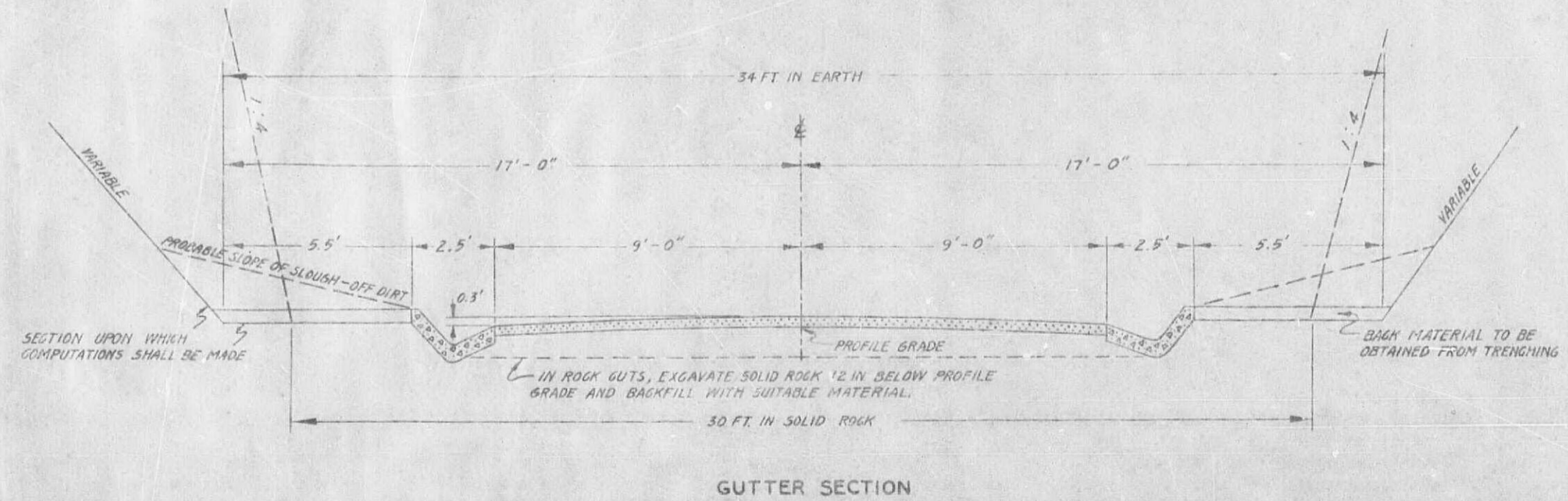
ON TANGENT



ON CURVE



PRAIRIE SECTION



GUTTER SECTION

SUPERELEVATION PER FOOT OF WIDTH

$$S = \frac{0.067 V^2}{R} \quad V=35 \text{ M.P.H.} \quad R=\text{RAD.}$$

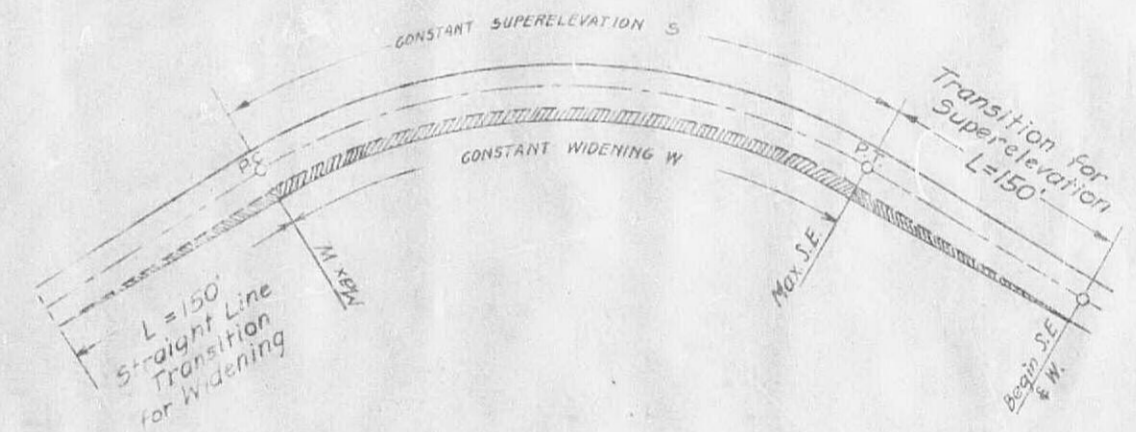
DEGREE	1	2	3	4	5	5°50' UP
S IN F	0.0143	0.0286	0.0429	0.0573	0.0716	0.0835

Value of W for Roads designed for High Type Surfacing.

DEGREE	6°-7°59'	8°-9°59'	10°-13°59'	14°-15°59'	16°	17°	18°	19° UP
W IN FT	2'	3'	4'	4.5'	5'	5.5'	6'	6.5'

Value of W for Secondary Roads.

DEGREE	0°-9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19° UP
W IN FT	0	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5



SCHEME OF WIDENING AND SUPERELEVATION TRANSITION

GRAVEL OR CHATS OR
TYPE OF SURFACING INDICATED
ON 2A SHEET
ON 30 FT. GRADED EARTH

Name of road **RANDOLPH COUNTY LINE TO ROUTE 5**
Type of Improvement **30' GRADED EARTH & CRUSHED STONE SURFACE**

MISSOURI STATE HIGHWAY COMMISSION

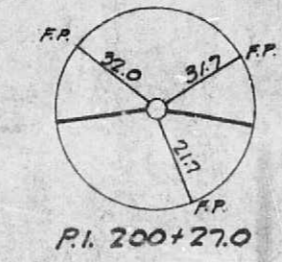
ESTIMATE SHEET

County of **HOWARD**
Length **4.010** Miles

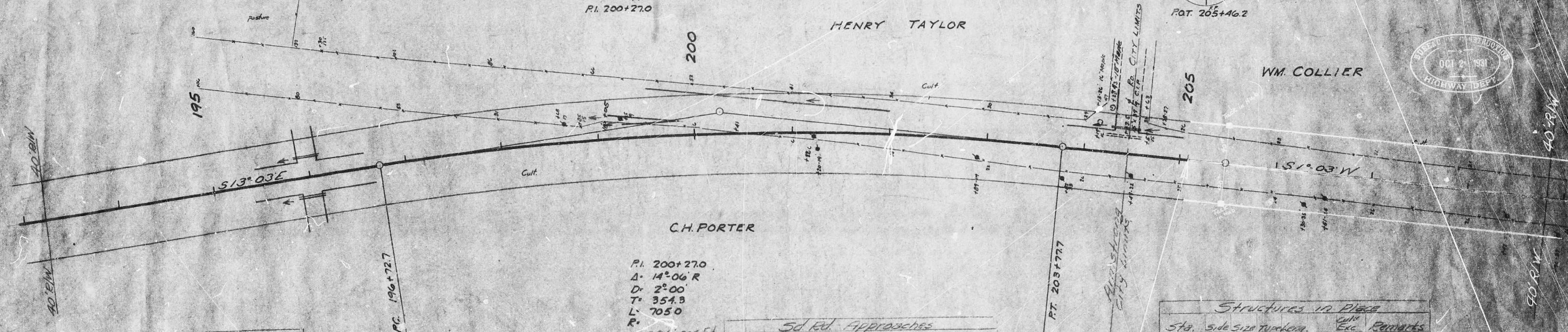
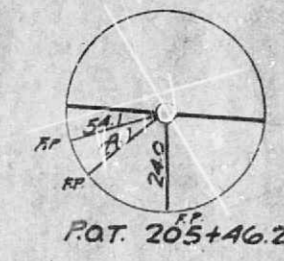
FED. ROAD DIST. NO.	STATE	FED. AID FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	331A1931	20	76
DIV. NO.	COUNTY	AGU. SEC. NO.		
3	HOWARD	20		

EXCAVATION				REINFORCED CONCRETE BOX CULVERTS							LENGTH OF PROJECT				SUMMARY					
STATION	CLASS A	BANK	OVERHAUL	STATION	STANDARD	SIZE	LENGTH	CONCRETE	REINF.	EXCAV.	REMARKS	End of Project	Beginning of Project	Apparent Length	Equations and Exceptions	ITEM NO.	DESCRIPTION	UNIT	TOTAL UNITS	NO. UNITS
205+06				290+22	C-243	3' x 2'	13	3.80	571	9	Extra Bottom	Station 422+00	Station 205+06	21694		1-A	CLEANING	ACEE	2.8	
213+18	1026		180									Station 205+06	Station 21694			1-B	GRUBBING	ACEE	17	
217+08	867											Station 21694	Station 21694			1-D	EXCAVATION	CU.Yd.	47847	
225+04	253											Station 21694	Station 21694			1-E	CULVERT EXCAVATION	CU.Yd.	510	
230+46	1103											Station 21694	Station 21694			1-F	BORROW EXCAVATION	CU.Yd.	2961	
234+91	1083											Station 21694	Station 21694			1-G	OVERHAUL	ST.Yd.	2570	
241+60	2918	50										Station 21694	Station 21694			1-H	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
245+10	1885											Station 21694	Station 21694			1-I	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
251+06	2610											Station 21694	Station 21694			1-J	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
256+00	1116											Station 21694	Station 21694			1-K	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
261+50	749											Station 21694	Station 21694			1-L	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
266+00	691	69										Station 21694	Station 21694			1-M	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
270+17	216	260										Station 21694	Station 21694			1-N	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
274+02	647	1137										Station 21694	Station 21694			1-O	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
279+00	786											Station 21694	Station 21694			1-P	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
289+17	1243	366										Station 21694	Station 21694			1-Q	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
296+39	1310											Station 21694	Station 21694			1-R	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
302+09	1288											Station 21694	Station 21694			1-S	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
309+43	1332											Station 21694	Station 21694			1-T	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
314+61	1528	153										Station 21694	Station 21694			1-U	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
322+00	837	313										Station 21694	Station 21694			1-V	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
328+21	1211	1846										Station 21694	Station 21694			1-W	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
336+00	1033	177										Station 21694	Station 21694			1-X	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
341+65	1237	57										Station 21694	Station 21694			1-Y	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
346+38	1462	124										Station 21694	Station 21694			1-Z	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
353+15	1182	149										Station 21694	Station 21694			1-AA	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
357+50	1520											Station 21694	Station 21694			1-AB	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
364+60	1425											Station 21694	Station 21694			1-AC	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
369+26	1446	429										Station 21694	Station 21694			1-AD	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
379+12	1340											Station 21694	Station 21694			1-AE	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
386+21	1303											Station 21694	Station 21694			1-AF	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
389+17	1521											Station 21694	Station 21694			1-AG	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
392+42	3262											Station 21694	Station 21694			1-AH	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
397+00	806											Station 21694	Station 21694			1-AI	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
409+40	2914	387	1595									Station 21694	Station 21694			1-AJ	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
411+53	455	2										Station 21694	Station 21694			1-AK	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
415+24	454	69										Station 21694	Station 21694			1-AL	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
422+00	123											Station 21694	Station 21694			1-AM	CRUSHED STONE IN ROADWAY	CU.Yd.	3266	
TOTALS	47947	2961	2570																	
CLEARING & GRUBBING				STANDARD PIPE CULVERTS (C-230 HDWLS)							CRUSHED STONE IN ROADWAY				CONTINGENT ITEMS					
SHEET NO.	UNITS CLEAR	UNITS GRUB.	STATION	SIZE	LENGTH	CONCRETE	REINF.	EXCAV.	REMARKS	BOOK NO.	STATION	TO	STATION	CU.Yds.	STATION	DESCRIPTION	UNIT	TOTAL UNITS	NO. UNITS	
3	0	0	211+44	40	13	0.97	74	8.37		1	422+00	409+68	200		18	15" C.I. PIPE	LINE FT.	576		
4	10	9	212+15	40	13	0.97	74	13.02		2	409+68	398+68	200		18	15" C.I. PIPE	LINE FT.	764		
5	9	0	214+47	40	13	0.97	74	28.40		3	398+68	388+68	200		18	15" C.I. PIPE	LINE FT.	344		
6	12	8	215+25	40	13	0.97	74	36.63		4	388+68	378+68	200		18	15" C.I. PIPE	LINE FT.	344		
7	15	12	219+12	40	13	0.97	74	21.53		5	378+68	368+68	200		18	15" C.I. PIPE	LINE FT.	344		
8	19	19	225+09	40	13	0.97	74	20.30		6	368+68	358+68	200		18	15" C.I. PIPE	LINE FT.	344		
9	23	2	225+42	40	13	0.97	74	16.30		7	358+68	348+68	200		18	15" C.I. PIPE	LINE FT.	344		
10	23	23	225+75	40	13	0.97	74	19.30		8	348+68	338+68	200		18	15" C.I. PIPE	LINE FT.	344		
TOTALS	121 OR 28.92	73 OR 17.92								9	338+68	328+68	200		18	15" C.I. PIPE	LINE FT.	344		
METAL DITCH CHECKS				SIDE ROAD PIPE CULVERTS (C-230 HDWLS)							CRUSHED STONE IN STOCKPILES				OLD CULVERTS REMOVED					
STATION	TO	STATION	SIDE	TYPE "C"	TYPE "D"	STATION	SIZE	15"	CONCRETE	STEEL	CULV. EXC.	REMARKS	STATION	LOCATION	CULV. EXC.	REMARKS	STATION	LOCATION	CULV. EXC.	REMARKS
286+15		286+70	RT.	2		353+98	LT.	32	0.75	58	0		226+30	2	8.30	15" x 20" C.I.P.	286+15	286+70	RT.	2
285+05		286+70	LT.	4		357+75	RT.	30	0.75	58	0		245+31	2	40.70	15" x 20" C.I.P.	285+05	286+70	LT.	4
291+45		295+25	RT.	11		400+75	LT.	35	0.75	58	0		251+55	2	26.45	15" x 20" C.I.P.	291+45	295+25	RT.	11
291+65		294+69	LT.	9									264+90	2	17.24	15" x 20" C.I.P.	291+65	294+69	LT.	9
406+00		408+16	LT.	4									278+23	2	11.01	15" x 20" C.I.P.	406+00	408+16	LT.	4
288+29		289+34	RT.	3									299+75	2	9.33	15" x 20" C.I.P.	288+29	289+34	RT.	3
TOTALS				30	3								310+28	2	0.00	15" x 20" C.I.P.	TOTALS			
FORCE ACCOUNT				TOTALS							TOTALS				TOTALS					
RAISE FLOWLINE OF CULVERT - STATION 409+15				\$ 5.76							TOTALS				TOTALS					

FINAL PLANS
C.LINE



SEC 34 T 52 N R 16 W



FARM ENTRANCES

Sta	Side	Exc	Fill	Exc	Fill	Remarks
Sta 5+15	Left	10	0	0	0	Pipe for 10' deep

P.I. 200+27.0
 $\Delta = 14^{\circ}06' R$
 $D = 2^{\circ}00'$
 $T = 354.3$
 $L = 705.0$
 $R =$
 $SE = 0.0286 \text{ per Ft.}$

5d Rd. Approaches

Sta	Side	Exc	Fill	Remarks
200+50	LT	0	0	No pipe
204+42	LT	32	0	230 4 80

Structures in Place

Sta	Side	Exc	Fill	Remarks
204+45	LT	15	0	23

ON EXCEPTION

STATION	THICKNESS
205+06 - 205+58	52"
206+12 - 210+13	74"

Sta 205+06
 Design for Project 501-A

DATE
BY
CHECKED
NOTE: 50% OF WAY CHECKED

DATE
BY
CHECKED
NOTE: 50% OF WAY CHECKED



Note Templates And Quantities
 To Be Revised To Meet
 Super-Elevation Standard
 During Construction.

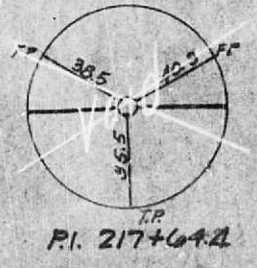
8.7% - 0. TOPS. H.D.W. 15' LT STA 204+60
 ELEV. 852.44

8.7% - 0. TOPS. H.D.W. 15' LT STA 204+60
 ELEV. 852.44

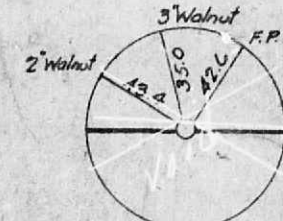
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FINAL PLANS

Sec 34 T52N R.16W



PI. 217+64.4



P.O.T. 230+60

Sec 34 T52N R.16W

D.C. WALKER

295

FARMERS BANK OF ARMSTRONG

208

210

215

225

230

239

WM. COLLIER

C.H. PORTER

Sta	Side	Size	Type	Length	Exc.	Remarks
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2

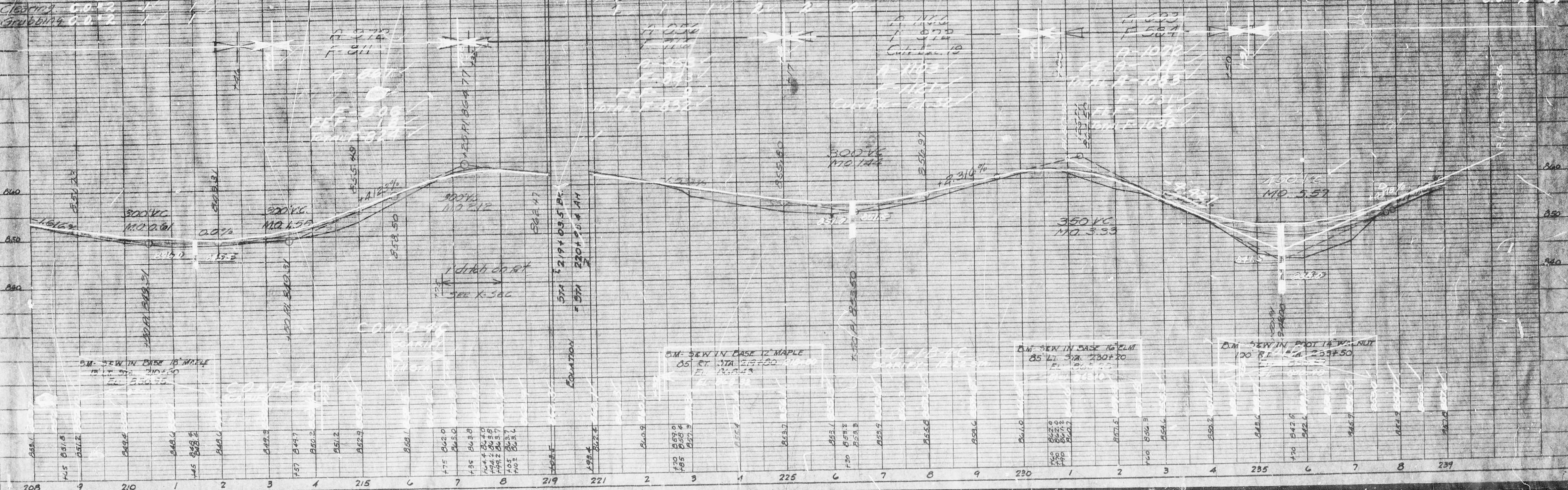
Sta	Side	Size	Type	Length	Exc.	Remarks
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2

Sta	Side	Size	Type	Length	Exc.	Remarks
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2

Sta	Side	Size	Type	Length	Exc.	Remarks
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2

Station	Elevation	Remarks
217+64.4	1.00	
217+64.4	1.00	
217+64.4	1.00	

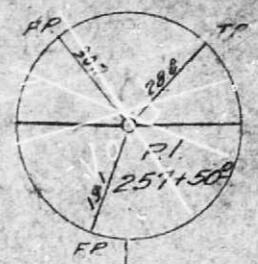
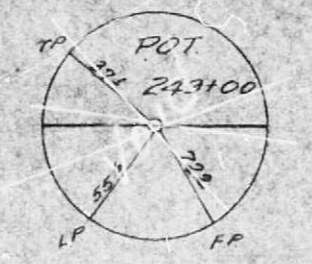
Sta	Side	Size	Type	Length	Exc.	Remarks
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Right	18"	C.P.	30.5	0	Exc. 10' 3" 1/2
217+64.4	Left	18"	C.P.	30.5	0	Exc. 10' 3" 1/2



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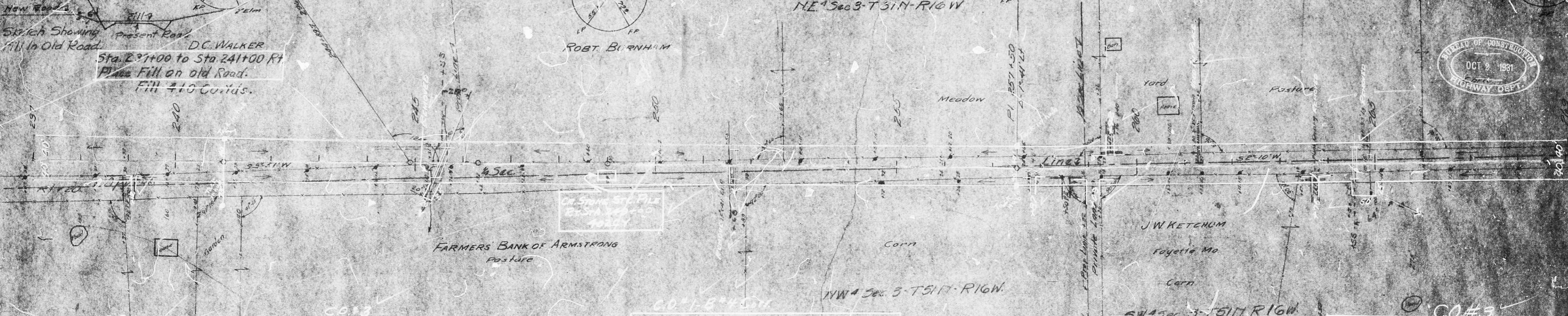
Do Not Use This Corner
For R/W Descriptions
Check in Field

SE COR Sec 34
R-16W T-51N



DATE	MO	DAY	YEAR	NO.	REV.
5	MO	31	1931	5	76
PROJECT			HOWARD		
SHEET NO.			20		

SE 1/4 Sec 3-T 51N-R 16W FINAL PLANS



STANDARD PIPE CULVERT

Sta.	Size	Material	Remarks
239+00	36"	Cast Iron	See Remarks
240+00	36"	Cast Iron	See Remarks
241+00	36"	Cast Iron	See Remarks
242+00	36"	Cast Iron	See Remarks
243+00	36"	Cast Iron	See Remarks

FARM ENTRANCE APPROPRIATES

Sta.	Size	Material	Remarks
239+00	36"	Cast Iron	See Remarks
240+00	36"	Cast Iron	See Remarks
241+00	36"	Cast Iron	See Remarks
242+00	36"	Cast Iron	See Remarks
243+00	36"	Cast Iron	See Remarks

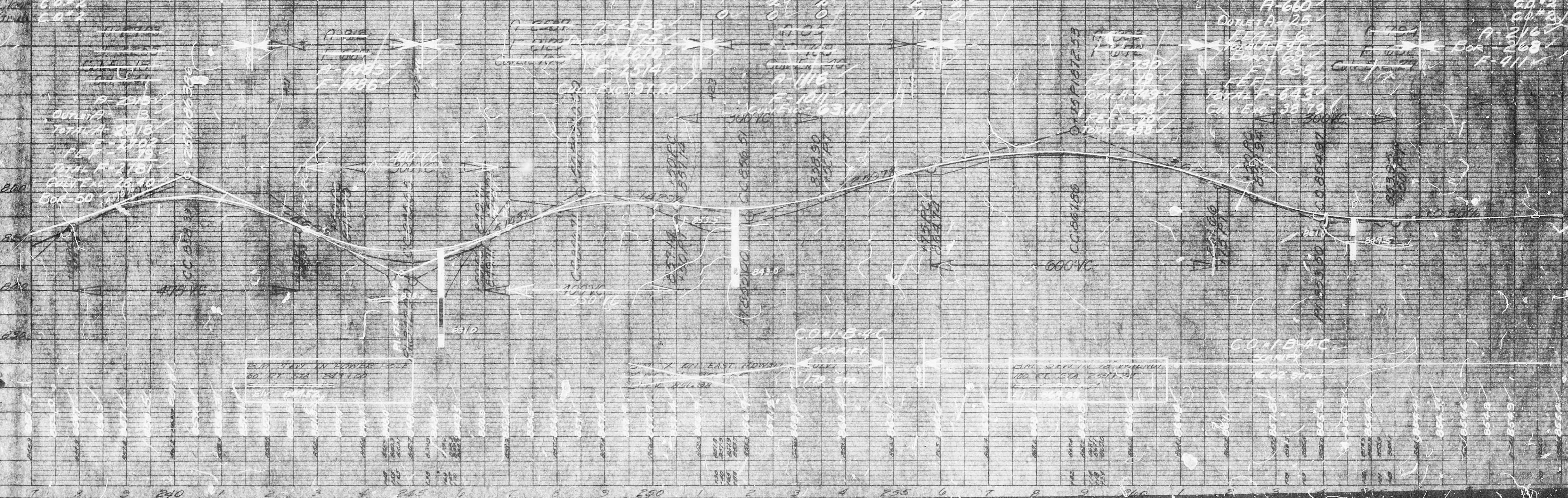
STATIONING

Station	Station	Station
239+00	241+00	243+00
241+00	243+00	245+00
243+00	245+00	247+00

Sta 244+25 to 245+55 on L/R
Const 3' Flat Bottom Ditch
C. BOTTOM 1' 6" D. 1' 6"

REMOVALS

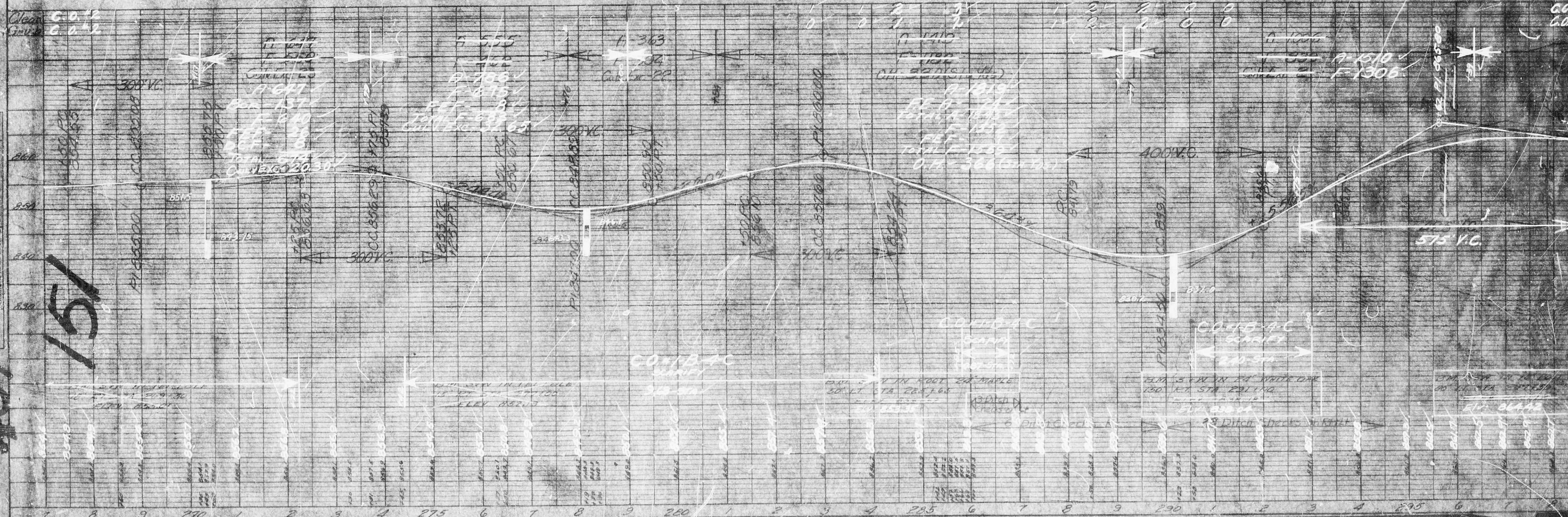
Sta.	Size	Material	Remarks
241+00	36"	Cast Iron	See Remarks
242+00	36"	Cast Iron	See Remarks
243+00	36"	Cast Iron	See Remarks
244+00	36"	Cast Iron	See Remarks
245+00	36"	Cast Iron	See Remarks

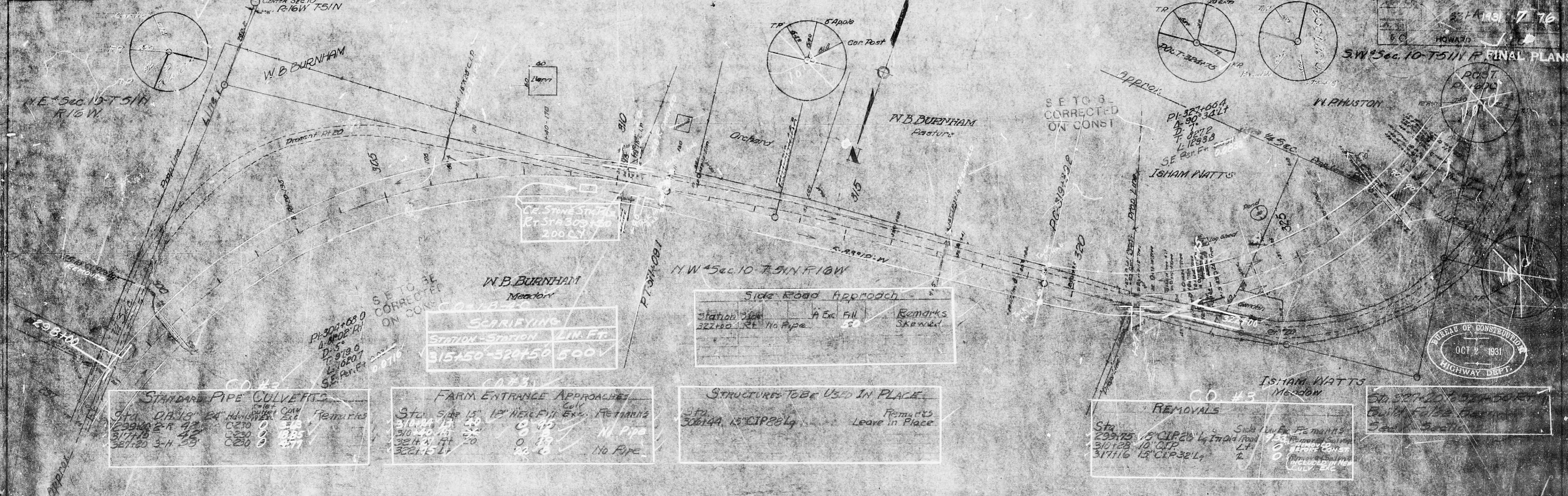


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20





STANDARD PIPE CULVERTS

Sta	DA 18"	DA 24"	DA 30"	DA 36"	Remarks
299+00	2	0	0	0	Remains
300+00	2	0	0	0	
301+00	2	0	0	0	
302+00	2	0	0	0	
303+00	2	0	0	0	
304+00	2	0	0	0	
305+00	2	0	0	0	
306+00	2	0	0	0	
307+00	2	0	0	0	
308+00	2	0	0	0	
309+00	2	0	0	0	
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319+00	2	0	0	0	
320+00	2	0	0	0	
321+00	2	0	0	0	
322+00	2	0	0	0	
323+00	2	0	0	0	
324+00	2	0	0	0	
325+00	2	0	0	0	
326+00	2	0	0	0	
327+00	2	0	0	0	
328+00	2	0	0	0	
329+00	2	0	0	0	
330+00	2	0	0	0	
331+00	2	0	0	0	
332+00	2	0	0	0	
333+00	2	0	0	0	
334+00	2	0	0	0	
335+00	2	0	0	0	
336+00	2	0	0	0	
337+00	2	0	0	0	
338+00	2	0	0	0	
339+00	2	0	0	0	
340+00	2	0	0	0	
341+00	2	0	0	0	
342+00	2	0	0	0	
343+00	2	0	0	0	
344+00	2	0	0	0	
345+00	2	0	0	0	
346+00	2	0	0	0	
347+00	2	0	0	0	
348+00	2	0	0	0	
349+00	2	0	0	0	
350+00	2	0	0	0	
351+00	2	0	0	0	
352+00	2	0	0	0	
353+00	2	0	0	0	
354+00	2	0	0	0	
355+00	2	0	0	0	
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357+00	2	0	0	0	
358+00	2	0	0	0	
359+00	2	0	0	0	
360+00	2	0	0	0	
361+00	2	0	0	0	
362+00	2	0	0	0	
363+00	2	0	0	0	
364+00	2	0	0	0	
365+00	2	0	0	0	
366+00	2	0	0	0	
367+00	2	0	0	0	
368+00	2	0	0	0	
369+00	2	0	0	0	
370+00	2	0	0	0	
371+00	2	0	0	0	
372+00	2	0	0	0	
373+00	2	0	0	0	
374+00	2	0	0	0	
375+00	2	0	0	0	
376+00	2	0	0	0	
377+00	2	0	0	0	
378+00	2	0	0	0	
379+00	2	0	0	0	
380+00	2	0	0	0	
381+00	2	0	0	0	
382+00	2	0	0	0	
383+00	2	0	0	0	
384+00	2	0	0	0	
385+00	2	0	0	0	
386+00	2	0	0	0	
387+00	2	0	0	0	
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400+00	2	0	0	0	
401+00	2	0	0	0	
402+00	2	0	0	0	
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455+00	2	0	0	0	
456+00	2	0	0	0	
457+00	2	0	0	0	
458+00	2	0	0	0	
459+00	2	0	0	0	
460+00	2	0	0	0	
461+00	2	0	0	0	
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467+00	2	0	0	0	
468+00	2	0	0	0	
469+00	2	0	0	0	
470+00	2	0	0	0	
471+00	2	0	0	0	
472+00	2	0	0	0	
473+00	2	0	0	0	
474+00	2	0	0	0	
475+00	2	0	0	0	
476+00	2	0	0	0	
477+00	2	0	0	0	
478+00	2	0	0	0	
479+00	2	0	0	0	
480+00	2	0	0	0	
481+00	2	0	0	0	
482+00	2	0	0	0	
483+00	2	0	0	0	
484+00	2	0	0	0	
485+00	2	0	0	0	
486+00	2	0	0	0	
487+00	2	0	0	0	
488+00	2	0	0	0	
489+00	2	0	0	0	
490+00	2	0	0	0	
491+00	2	0	0	0	
492+00	2	0	0	0	
493+00	2	0	0	0	
494+00	2	0	0	0	
495+00	2	0	0	0	
496+00	2	0	0	0	
497+00	2	0	0	0	
498+00	2	0	0	0	
499+00	2	0	0	0	
500+00	2	0	0	0	

FARM ENTRANCE APPROACHES						
Sta	Side	15"	18"	24"	30"	Remarks
310+00	Left	0	0	0	0	No Pipe
310+00	Left	0	0	0	0	No Pipe
314+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
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321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
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321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
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321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
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321+00	Left	0	0	0	0	No Pipe
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321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
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321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0	0	0	No Pipe
321+00	Left	0	0</			



Ditch Choices				
Sta	Sta	A	1	10000
2/15/15	1	0	7	
15/15/15	1	0	15	

C.O.F.B.-40	
SCARIFYING	
STATION - SYDNEY	LIN. F.
333-55-33A-16	61

FARM ENTRANCE APPROACHES			
Sta. Side 15	15	NEW FULL	PRIMORDIAL
1st cut	2	2	NEW
2nd cut	2	2	NEW
3rd cut	2	2	NEW
4th cut	2	2	NEW
5th cut	2	2	NEW
6th cut	2	2	NEW
7th cut	2	2	NEW
8th cut	2	2	NEW
9th cut	2	2	NEW
10th cut	2	2	NEW
11th cut	2	2	NEW
12th cut	2	2	NEW
13th cut	2	2	NEW
14th cut	2	2	NEW
15th cut	2	2	NEW
16th cut	2	2	NEW
17th cut	2	2	NEW
18th cut	2	2	NEW
19th cut	2	2	NEW
20th cut	2	2	NEW

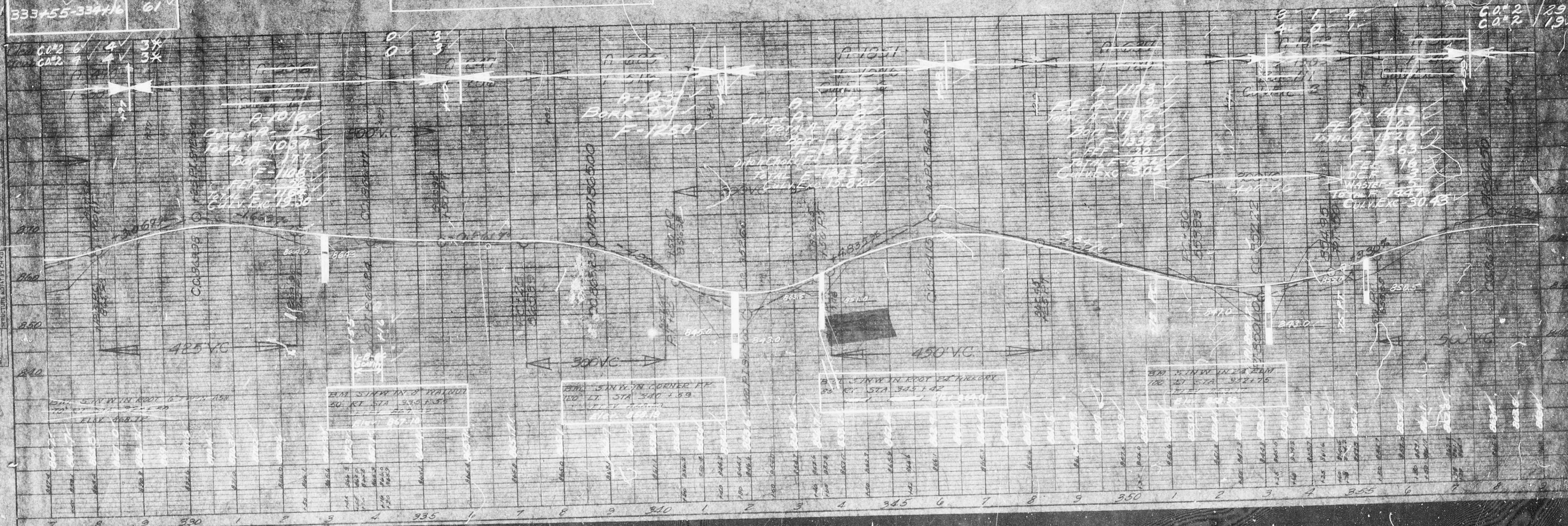
STANDARD PIPE CULVERTS			
Sta.	DA	18"	24"
23100	4170	5-H	42
23160	1-H	42	42
23105-H	42	42	42
23530	1-H	42	42

SE 45° - 9-T51N-R10W

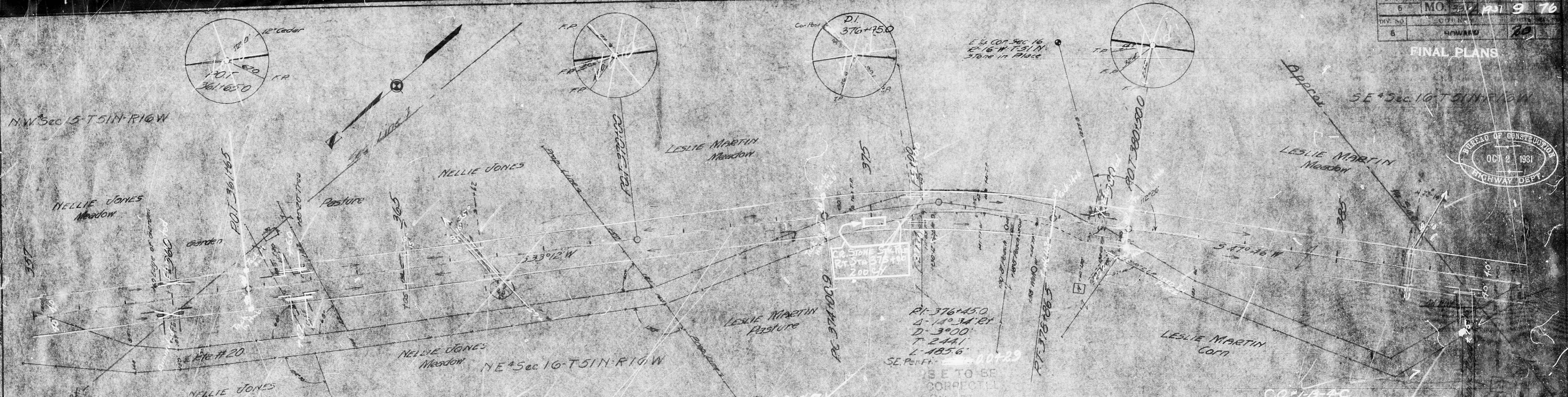
STRUCTURES IN PLACE

Sta. 353+12 15" GIRABLE, 75' L+ ^{Remains} Leave in Place

ST1
353+58 15" DIA 10' x 8' 1/2"



FINAL PLANS



STANDARD PIPE CULVERTS

Sta.	B.A.	18"	24"	House	Exc.	Remarks
360122	374	10				
360122	374	10				
360122	374	10				
360122	374	10				
360122	374	10				

FARM ENTRANCE APPROACHES						
Sta.	Side	18"	18" HOLE	Fill		Remarks
360122	18"	20	0	50		1000000
360122	18"	20	0	50		1000000
360122	18"	20	30	100		1000000
360122	18"	20	0	50		1000000
360122	18"	20	0	50		1000000
360122	18"	20	0	50		1000000
360122	18"	20	0	50		1000000
360122	18"	20	0	50		1000000

SIDE ROAD APPROACHES						
Sta.	Side	18"	24"	30"	House	Exc.
360125	16"	20	30	10		

STRUCTURES IN PLACE						
Sta.	Side	18"	24"	House	Exc.	Remarks
330120	10° CIRCULE	57.14				Leaving PLACE

SCARIFYING

STATION	DESTINATION	LINE	FEET
51125	35110	535	



154

SW 1/4 Sec 16 T 51 N R 16 W

1931 10 76

FINAL PLANS



LESLIE MARTIN
Meadow

J.B. PULLMAN & SON
Meadow



CO. 45

STATION	CHORD	ANGLE	BEARING
406+00	408+16	72° 04' 14"	4

CO. 3

Sta	Chord	Angle	Bearing	Remarks
395+40	414+20	72° 04' 14"	4	
406+25	414+20	72° 04' 14"	4	
414+25	414+20	72° 04' 14"	4	

CO. 3

Sta	Chord	Angle	Bearing	Remarks
395+40	414+20	72° 04' 14"	4	
406+25	414+20	72° 04' 14"	4	
414+25	414+20	72° 04' 14"	4	

CO. 3

Sta	Chord	Angle	Bearing	Remarks
395+40	414+20	72° 04' 14"	4	
406+25	414+20	72° 04' 14"	4	
414+25	414+20	72° 04' 14"	4	

CO. 3

Sta	Chord	Angle	Bearing	Remarks
395+40	414+20	72° 04' 14"	4	
406+25	414+20	72° 04' 14"	4	
414+25	414+20	72° 04' 14"	4	

Sta 422+00
End of Proj 3517

CO. 45

STATION	CHORD	ANGLE	BEARING
405+25	406+45	72° 04' 14"	4
407+50	408+15	72° 04' 14"	4
414+25	416+67.9	72° 04' 14"	4

Sta 393+50 to 394+15 on Lt
Const 3 Flat Bottom Ditch
with Variable Berm

CO. 3

A = 2821
SRF = 88
FEF = 17
TOTAL A = 2909
Borrow = 347
F = 3004
SRF = 24
FEF = 12
TOTAL F = 3020
CH = 1595
Cul Exc = 35.15

CO. 3

A = 4551
SRF = 88
FEF = 17
TOTAL A = 4639
Borrow = 347
F = 3004
SRF = 24
FEF = 12
TOTAL F = 3020
CH = 1595
Cul Exc = 35.15

CO. 3

A = 173
SRF = 88
FEF = 17
TOTAL A = 191
Borrow = 347
F = 3004
SRF = 24
FEF = 12
TOTAL F = 3020
CH = 1595
Cul Exc = 35.15

155

B.M. Spike in Road at East
114 ft 400 ft
Elev. 808.04

B.M. Spike in Rd Elm
at 114 ft 400 ft
Elev. 842.0

CO. 45
Scarcity
5.43 3m

NOT TO SCALE



BEGIN @ I-70 SOR
L.M. 2.201

BELLINGSVILLE

EXCEPTION
BRIDGE A1691

L.M. 3.913 TO
L.M. 3.979

SPEED

BUNCEYTON

EXCEPTION
BRIDGE A6469

L.M. 18.979 TO
L.M. 19.013

COOPER COUNTY
MONTEAU COUNTY

END @ TIPTON
CITY LIMITS

L.M. 23.975

RT B

SEAL COAT

TIPTON

EXCEPTION
BRIDGE A1691

L.M. 3.913 TO
L.M. 3.979

EXCEPTION
BRIDGE A6469

L.M.	18.979	TO
L.M.	19.013	

COOPER COUNTY
MONITEAU COUNTY

END @ TIPTON
CITY LIMITS
L.M. 23.975

The map shows a section of the New York State Thruway, starting from RT 8 at the bottom left and ending at RT J at the top right. The route is marked with a thick black line. Key features include:

- Station Markers:** B, U, J, W, CC.
- Mileposts:** 4.318 (near station B) and 16.516 (near station CC).
- Road Names:** LOVE ELM, PISCATAWAY, PRAIRIE.
- Geographical Features:** Contour lines, vegetation, and a river (Piscataway River) are shown.
- Other Labels:** "BEGIN @ RT 8", "END @ RT J", "RT J", "PISCATAWAY", "PRAIRIE", "LOVE ELM", "B", "U", "J", "W", "CC", "1", "2", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", "32", "33", "34", "35", "36", "37", "38", "39", "40", "41", "42", "43", "44", "45", "46", "47", "48", "49", "50", "51", "52", "53", "54", "55", "56", "57", "58", "59", "60", "61", "62", "63", "64", "65", "66", "67", "68", "69", "70", "71", "72", "73", "74", "75", "76", "77", "78", "79", "80", "81", "82", "83", "84", "85", "86", "87", "88", "89", "90", "91", "92", "93", "94", "95", "96", "97", "98", "99", "100".

RT J
SEAL COAT
12.258 MILES

BEGIN @ END CONCRETE JOINT
L.M. 123.837

EXCEPTION-FAYETTE
FROM CITY
LIMITS TO A6076
SOUTH BRIDGE END
L.M. 130.193 TO
L.M. 132.061

RT 5

SEAL COAT
19.425 MILES

EXCEPTION-
NEW FRANKLIN
FROM CITY
LIMITS TO END
CURB & GUTTER
L.M. 141.111 TO
L.M. 142.497

EXCEPTION
BRIDGE H0266
L.M. 142.730 TO
L.M. 142.759

END @ US 40
L.M. 143.262

BEGIN @ END CONCRETE JOINT
L.M. 123.837

EXCEPTION-
FAYETTE
FROM CITY
LIMITS TO A6076
SOUTH BRIDGE END
L.M. 130.193 TO
L.M. 132.061

**EXCEPTION-
NEW FRANKLIN
FROM CITY
LIMITS TO END
CURB & GUTTER**

**L.M. 141.111 TO
L.M. 142.497**

EXCEPTION
BRIDGE H0266
L.M. 142.730 TO
L.M. 142.759

END @ US 40
L.M. 143.262

BEGIN @ MD 240
 L.M. 0.000

EXCEPTION
 BRIDGE N0966
 L.M. 0.430 TO
 L.M. 0.449

RT W

EXCEPTION
 BRIDGE N0919
 L.M. 6.466 TO
 L.M. 6.497

END @ RT AVE
 L.M. 7.316

SEAL COAT
 7.316 MILES

**EXCEPTION
BRIDGE N0966**

RT	W
SEAL	COAT
7.316	MILES

HOWARDS COUNTY

EXCEPTION
BRIDGE K0382
L.M. 3.482 TO
L.M. 3.527

BEGIN @ GLASGOW
CITY LIMITS
L.M. 1.645

BUS 240
SEAL COAT

RAILROAD
CROSSING
L.M. 3.522

END @ MD 200'S S. J.C.
L.M. 4.865

EXCEPTION
BRIDGE K0382
L.M. 3.482 TO
L.M. 3.527

RAILROAD
CROSSING
L.M. 3.522

BUS	240
SEAL	COAT
3.220	MILES

BEGINNING OF PROJECT	LOG MILE 4.318
END OF PROJECT	LOG MILE 16.576
APPARENT LENGTH	12.258 MILES
EQUATIONS AND EXCEPTIONS:	
NONE	
TOTAL CORRECTIONS	0.000 MILES
STATE LENGTH	12.258 MILES

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)-----	2
QUANTITIES (QU) (1 SHEET)-----	3
TRAFFIC CONTROL (TC) (4 SHEETS)-----	4-7

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
9/3/2013

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO
CD	1

COUNTY	VARIOUS
--------	---------

JOB NO.
J5P3070

CONTRACT ID.	
--------------	--

PROJECT NO.

BRIDGE NO.

BEGINNING OF PROJECT	LOG MILE 2.201
END OF PROJECT	LOG MILE 23.975
APPARENT LENGTH	21.774 MILES
EQUATIONS AND EXCEPTIONS:	
BRIDGE A1691	0.066 MILES
LOG MILE 3.913 TO	
LOG MILE 3.979	
BRIDGE A6469	0.034 MILES
LOG MILE 18.979 TO	
LOG MILE 19.013	
TOTAL CORRECTIONS	0.100 MILES
STATE LENGTH	21.674 MILES


BEGINNING OF PROJECT	LOG MILE 123.837
END OF PROJECT	LOG MILE 143.262
APPARENT LENGTH	19.425 MILES
EQUATIONS AND EXCEPTIONS:	
FAYETTE	1.868 MILES
LOG MILE 130.193 TO	
LOG MILE 132.061	
NEW FRANKLIN	1.386 MILES
LOG MILE 141.111 TO	
LOG MILE 142.497	
BRIDGE HO266	0.029 MILES
LOG MILE 142.730 TO	
LOG MILE 142.759	
TOTAL CORRECTIONS	3.283 MILES
STATE LENGTH	16.142 MILES

BEGINNING OF PROJECT	LOG MILE 1.645
END OF PROJECT	LOG MILE 4.865
APPARENT LENGTH	3.220 MILES
EQUATIONS AND EXCEPTIONS:	
BRIDGE K0382	0.045 MILES
LOG MILE 3.482 TO	
LOG MILE 3.527	
TOTAL CORRECTIONS	0.045 MILES
STATE LENGTH	3.175 MILES

BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 7.316
APPARENT LENGTH	7.316 MILES
EQUATIONS AND EXCEPTIONS:	
BRIDGE N0966	0.019 MILES
LOG MILE 0.430 TO	
LOG MILE 0.449	
BRIDGE N0919	0.031 MILES
LOG MILE 6.466 TO	
LOG MILE 6.497	
TOTAL TOTAL CORRECTIONS	0.050 MILES
STATE LENGTH	7.266 MILES

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

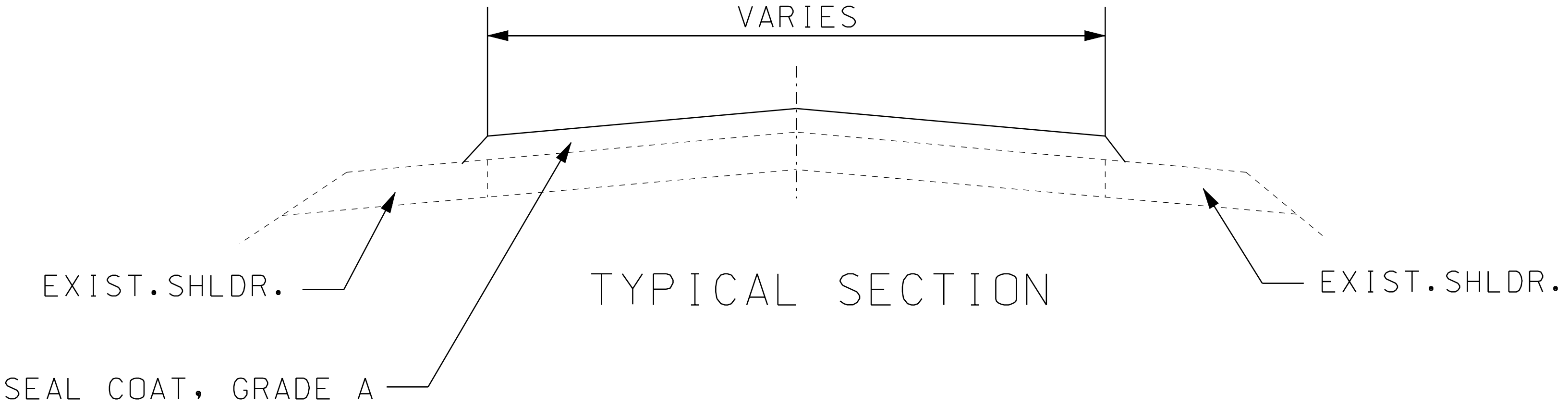


105 WEST CAPITAL
JEFFERSON CITY, MO 65102



105 WEST CAPITOL
JEFFERSON CITY, MD 65102
1-888-ASK-MODOT (1-888-275-6636)

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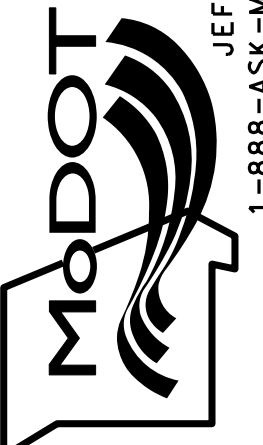
STRIPING TO BE COMPLETED BY OTHERS.
NOTIFY ENGINEER TWO WEEKS PRIOR TO PROJECT COMPLETION

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 9/3/2013	
ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. J5P3070	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

TEMPORARY RAISED PAVEMENT MARKER, TYPE 1 WITH COVERS			
LOG MILE	LOG MILE	QUANTITY EACH	REMARKS
ROUTE B			
2.201	3.913	226	
3.979	18.979	1980	
19.013	23.975	655	
ROUTE 5			
123.837	130.193	839	
132.061	141.111	1195	
142.479	142.730	34	
142.759	143.262	67	
BUS 240			
1.645	3.482	243	
3.527	4.865	177	
ROUTE W			
0.000	0.430	57	
0.449	6.466	795	
6.497	7.316	109	
ROUTE J			
4.318	16.576	1619	
TOTAL		7996	
TOTAL USE		7996	NOTE: FINAL STRIPING DONE BY OTHERS.

FLAG ASSEMBLIES					
	ROUTE B	ROUTE 5	BUS 240	ROUTE W	ROUTE J
	QUANTITY EACH	QUANTITY EACH	QUANTITY EACH	QUANTITY EACH	QUANTITY EACH
TOTAL	68	64	32	10	14
TOTAL USE	188				

SEAL COAT QUANTITIES					
LOG MILE	LOG MILE	NET LENGTH MILES	AVERAGE WIDTH FEET	SEAL COAT, GRADE A SY	REMARKS
ROUTE B					
2.201	3.913	1.712	20	20087.46	
3.979	18.979	15.000	20	176000.00	
19.013	23.975	4.962	20	58220.80	
TOTAL				254308.26	
ROUTE 5					
123.837	130.193	6.356	24	89492.48	
132.061	141.111	9.050	24	127424.00	
142.497	142.730	0.233	24	3280.64	
142.759	143.262	0.503	24	7082.24	
143.172	143.262	VARIES	VARIES	1806.33	(JCT MO 40 SPUR APPROX. 16257 SQ. FT.)
143.262	143.262	VARIES	VARIES	321.55	(JCT MO 40 APPROX. 2894 SQ. FT.)
TOTAL				229407.24	
BUS 240					
1.645	3.482	1.837	24	25864.96	
3.527	4.865	1.338	24	18839.04	
4.865	4.865	VARIES	VARIES	457.11	(JCT MO 5 APPROX. 4114 SQ. FT.)
TOTAL				45161.11	
ROUTE W					
0.000	0.000	VARIES	VARIES	969.17	(JCT MO 240 APPROX. 3174 SQ. FT.)
0.000	0.430	0.430	20	5045.33	
0.449	6.466	6.017	20	70599.47	
6.497	7.316	0.819	20	9609.60	
7.316	7.316	VARIES	VARIES	335.00	(JCT RT A/EE APPROX. 3015 SQ. FT.)
TOTAL				86558.57	
ROUTE J					
4.318	4.318	VARIES	VARIES	175.67	(JCT RT B APPROX. 1572 SQ. FT.)
4.318	16.576	12.258	20	143827.20	
16.576	16.576	VARIES	VARIES	243.56	(JCT RT 87 APPROX. 2192 SQ. FT.)
TOTAL				144246.43	
GRAND TOTAL				759681.61	
USE				759682	

CONSTRUCTION SIGNING															
				ROUTE B		ROUTE 5		BUS 240		ROUTE W		ROUTE J			
SIGN NO.	SIGN	SIZE (in.)	AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	DESCRIPTION	
①	G020-1	60 × 24	10.00	2	20	2	20	2	20	2	20	2	20	ROAD WORK NEXT XX MILES	
② **	W020-1	48 × 48	16.00	19	304	18	288	10	160	15	240	19	304	ROAD WORK AHEAD *	
⑥	W03-4	48 × 48	16.00	4	64	4	64	4	64	4	64	4	64	BE PREPARED TO STOP *	
⑦	W020-4	48 × 48	16.00	8	128	8	128	8	128	8	128	8	128	ONE LANE ROAD AHEAD *	
⑧	W020-7a	48 × 48	16.00	8	128	8	128	8	128	8	128	8	128	FLAGGER (SYMBOL) (WITH FLAGS) *	
②6	G020-2	48 × 24	8.00	2	16	2	16	2	16	2	16	2	16	END ROAD WORK *	
③5	W08-12	48 × 48	16.00	22	352	20	320	4	64	8	128	12	192	NO CENTER LINE	
③6	SPECIAL	36 × 36	9.00	22	198	20	180	4	36	8	72	12	108	FRESH OIL LOOSE GRAVEL	
⑤3	G020-4	36 × 18	4.5	1	4.5	1	4.5	1	4.5	1	4.5	1	4.5	PILOT CAR FOLLOW ME *	
⑤6	CONST-7-48	48 × 24	8.00	2	16	2	16	-	-	2	16	2	16	RATE OUR WORK ZONE ***	
⑤8	G020-4A	42 × 30	8.75	13	113.75	12	105.00	4	35.00	9	78.75	11	96.25	PLEASE WAIT FOR PILOT CAR *	
616-10.05 CONSTRUCTION SIGNS TOTAL					1344.25		1269.50		655.50		895.25		1076.75		
				USE	1345	USE	1270	USE	656	USE	896	USE	1077	TOTAL USE	5260
				PAY	1345	PAY	1270	PAY	656	PAY	236	PAY	336	TOTAL PAY	3843

* PORTABLE SIGN, SEE JSP'S FOR PAYMENT.

** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 1 OF 4 AND AS DIRECTED BY ENGINEER.

*** SIGN NOT REQUIRED ON ROUTES LESS THAN 6 MILES.

NOTE:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN. EXCEPT FOR SIGN W020-7A WHICH IS SUBSIDIARY TO THE SIGN.

SUMMARY SHEET
SHEET 1 OF 1

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/3/2013

ROUTE
VAR

STATE
MO

DISTRICT
CD

SHEET NO.
3

COUNTY
VARIOUS

JOB NO.
J5P3070

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

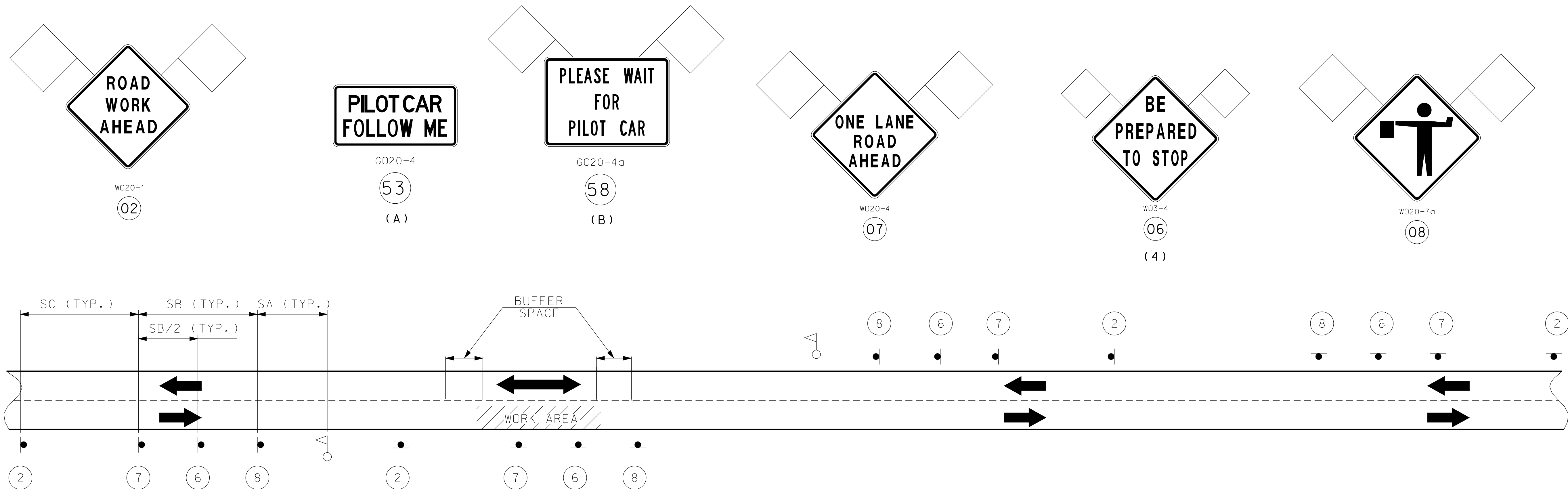
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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REV.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

△ - FLAGGER

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN, EXCEPT FOR SIGN W020-7A WHICH IS SUBSIDIARY TO THE SIGN.

(A) SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.

(B) FOR PLACEMENT OF SIGN 58, SEE SHEET 7.

SIGN SPACING FOR ADVANCE SIGN SERIES (2) (3)		
SPEED (1) MPH	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0 - 35	200	200
40 - 45	350	500
50 - 55	500	1000
60 - 70	SA - 1000 FT. SB - 1500 FT. AND SC - 2640 FT.	

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

(1) POSTED SPEED LIMIT PRIOR TO ROAD WORK.

(2) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

(3) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

(4) SIGN MANDATORY WHEN TEMPORARY ROAD CLOSURE IS NEEDED. FOR TEMPORARY ROAD CLOSURE BOTH DIRECTIONS MAY BE STOPPED AT THE SAME TIME UP TO A MAXIMUM OF 20 MINUTES.

TRAFFIC CONTROL FOR SEAL COAT AGGREGATE APPLICATION
SHEET 2 OF 4

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 9/3/2013	
ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY VARIOUS	
JOB NO. J5P3070	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

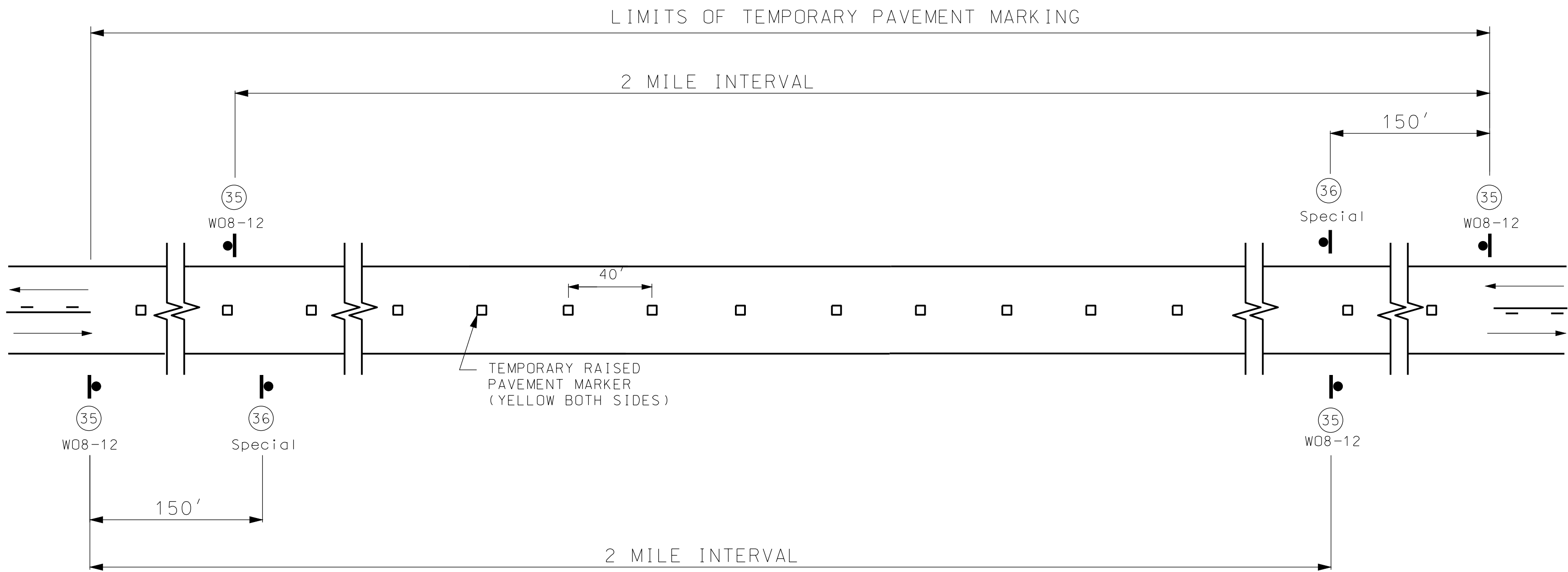
DESCRIPTION	DATE

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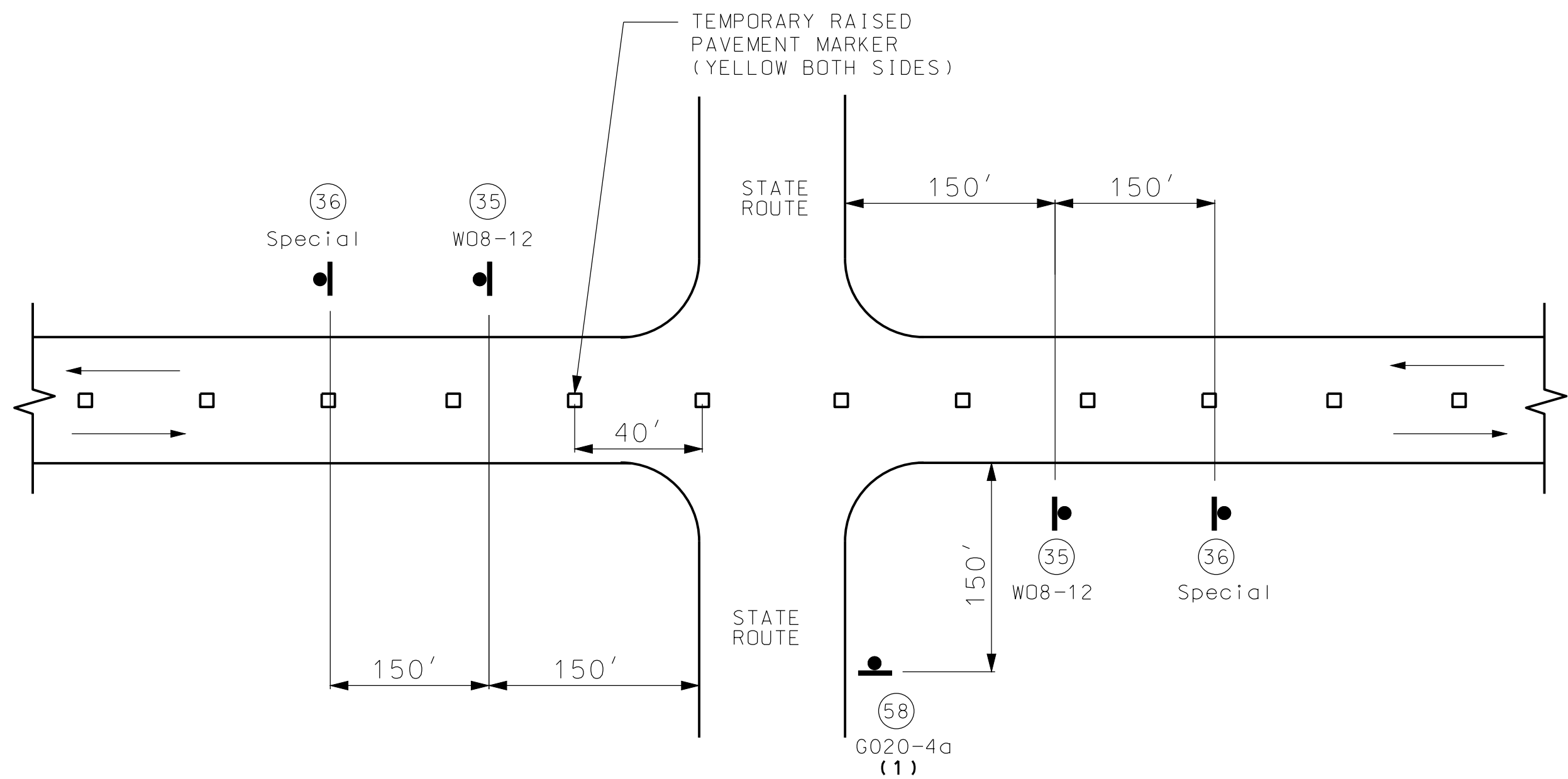
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MoDOT

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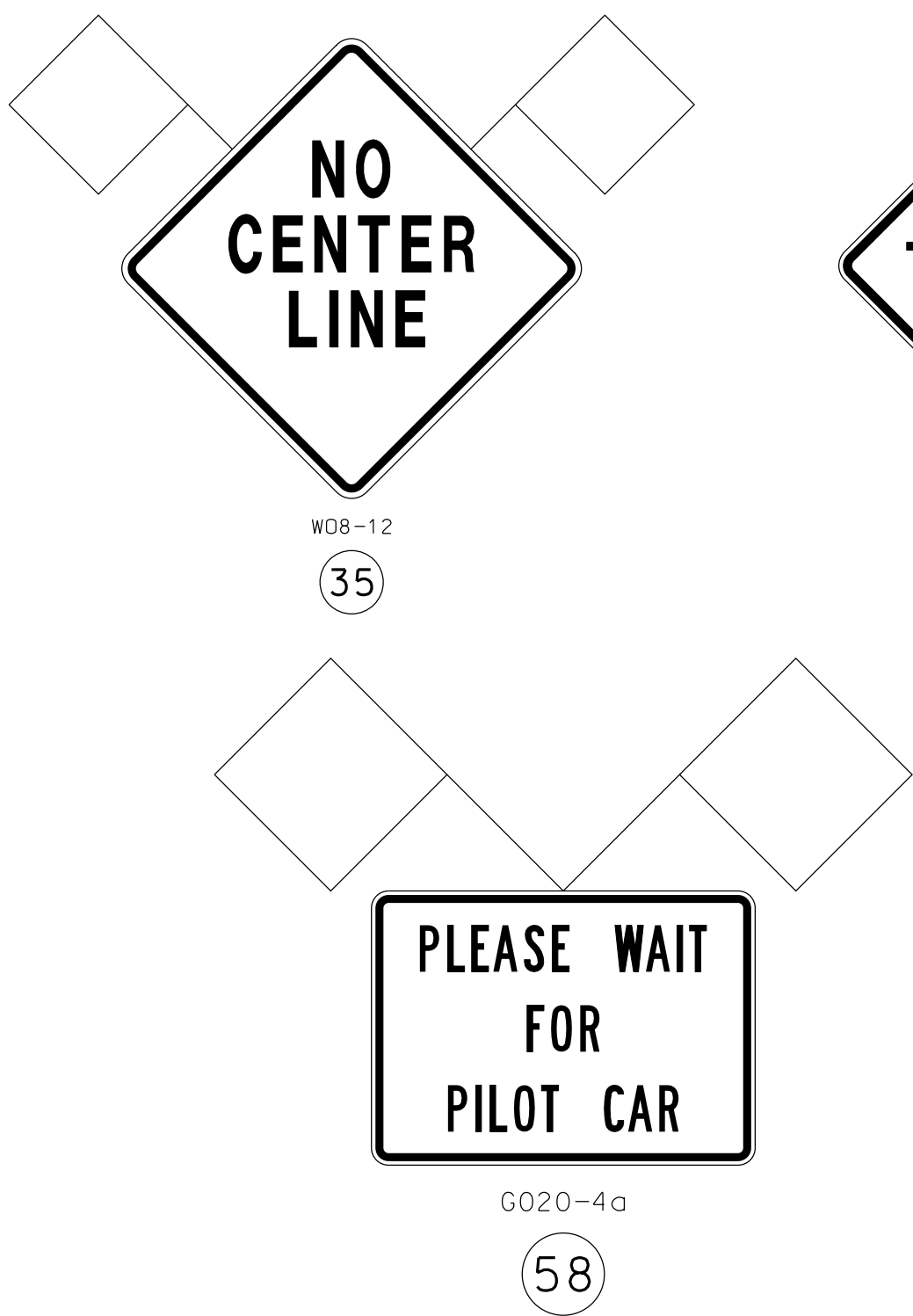


SIGN SPACING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS

(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS DIRECTED BY THE ENGINEER.



NOTES:

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35), THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

TEMPORARY RAISED PAVEMENT MARKERS TYPE 1 WITH COVERS SHALL BE INSTALLED PRIOR TO APPLICATION OF SEAL COAT.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
9/3/2013

ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 7

COUNTY
VARIOUS

JOB NO.
J5P3070

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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