

DESIGN DESIGNATION

A.D.T. - 1984 = 1070
 A.D.T. - 2004 = 1550
 D = %
 T = %
 V = 60 M.P.H.

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT
DENT COUNTY

COUNTY DENT
 ROUTE 32
 PROJECT BRF-32-2(5)
 JOB NO. 9-P-32-198

INDEX OF SHEETS

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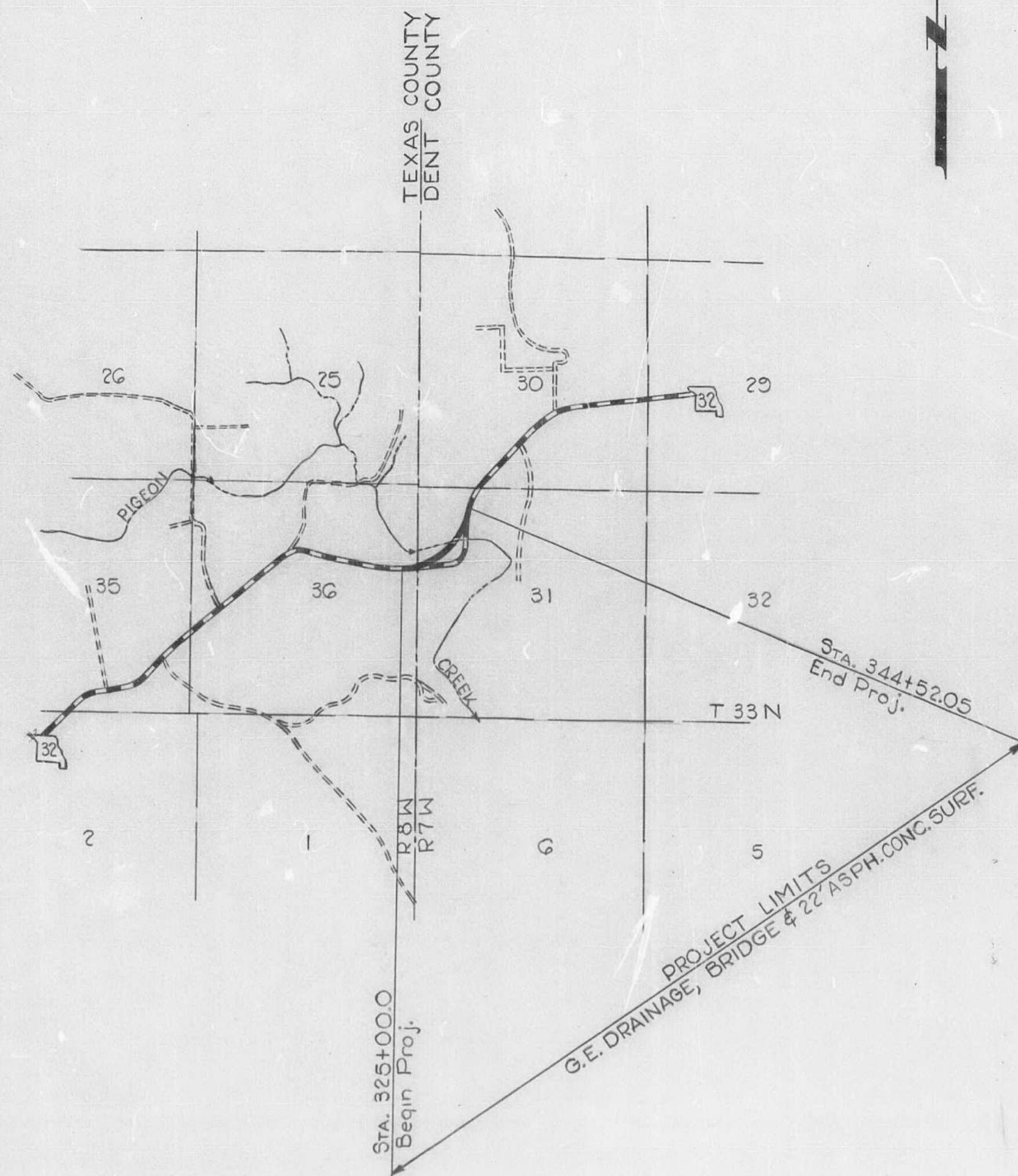
NORMAL RIGHT OF WAY

CONVENTIONAL SIGNS
(USED IN PLANS)

BUILDINGS AND STRUCTURES	
GUARD RAIL	
CONCRETE RIGHT-OF-WAY MARKER	
STEEL RIGHT-OF-WAY MARKER	
FENCE	
CHAIN LINK	
WOVEN WIRE	
GATE	
UTILITIES	
TELEPHONE	
POWER	
GAS	
WATER	
DRAIN MARKER	

NOTE: DASHED OR OPEN SYMBOL INDICATES EXISTING FEATURE

TITLE SHEET LEGEND



LENGTH OF PROJECT

END OF PROJECT	STA. 344 + 52.05
BEGINNING OF PROJECT	STA. 325 + 00.0
APPARENT LENGTH	1952.05 FEET
EQUATIONS AND EXCEPTIONS	
TOTAL CORRECTIONS	FEET
NET LENGTH OF PROJECT	1952.05 FEET
STATE LENGTH	0.370 MILES
FEDERAL LENGTH	0.370 MILES

MISSOURI HIGHWAY AND
TRANSPORTATION COMMISSION

SUBMITTED

CHIEF ENGINEER

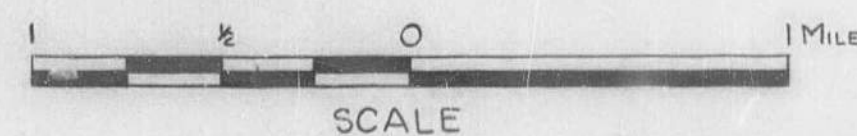
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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

DIVISION ENGINEER

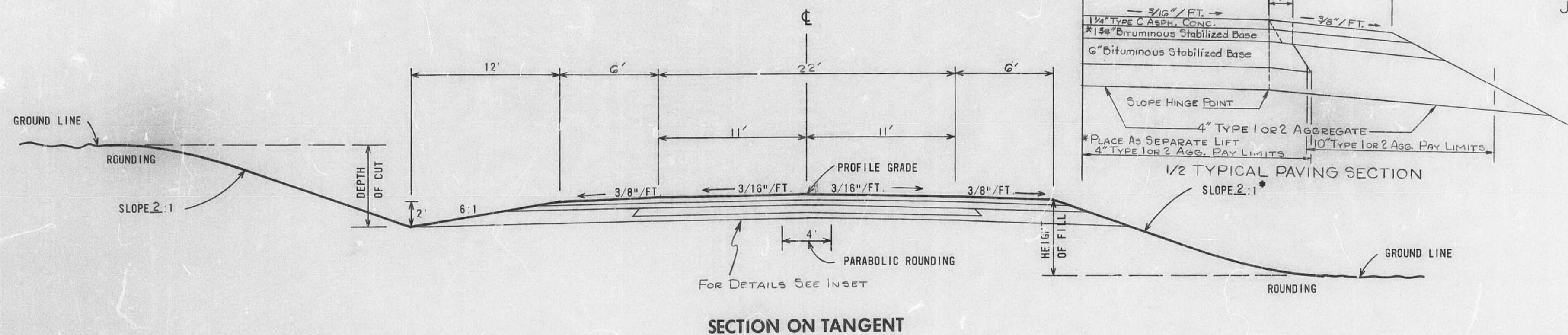
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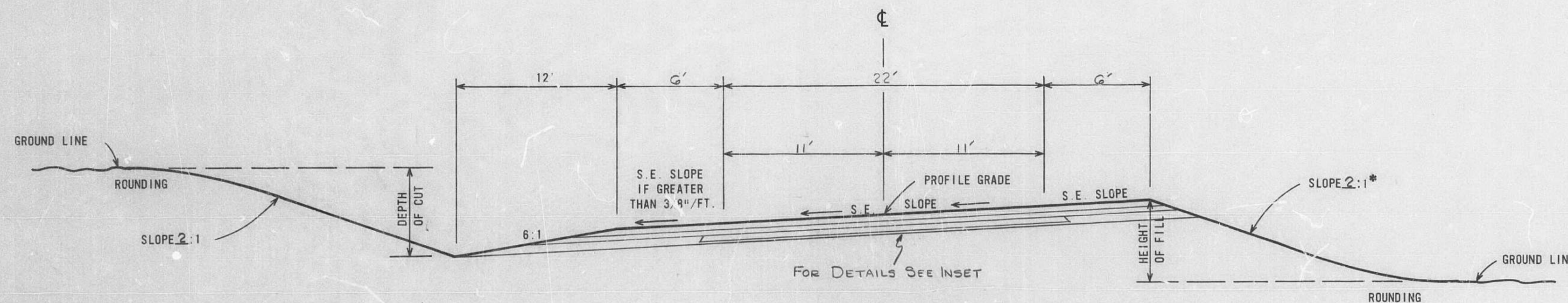
23190

FED. ROAD DIST. NO.	STATE	FEDERAL PROJECT No. & SEC.	SHEET No.
5	MO.	BRF-32-2(5)	2
DIST. NO.	COUNTY	ROUTE	SEC.
9	DENT	32	

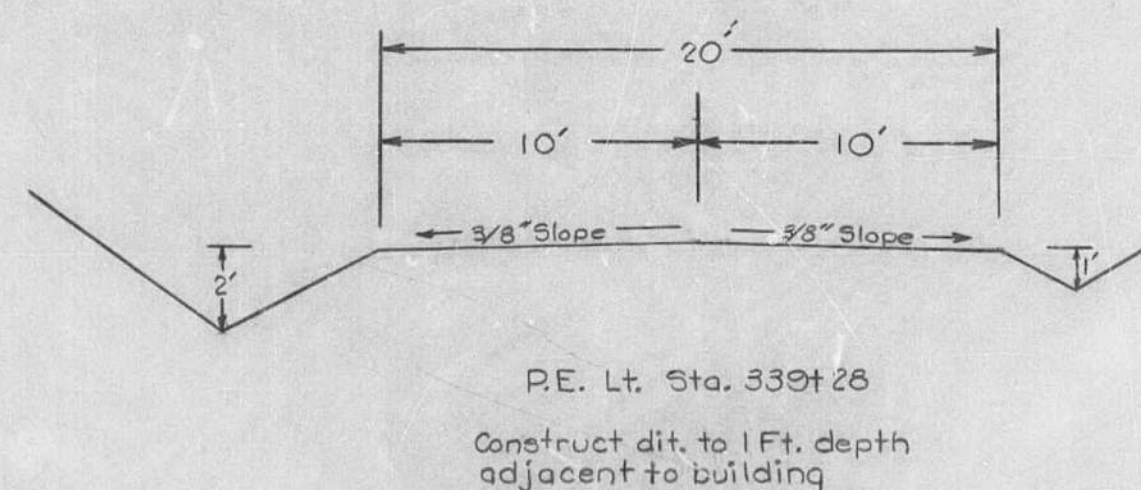
JOB No. 9-P-32-198



WIDEN SHOULDER 2 FEET (IN CUTS OR FILLS)
WHERE GUARD RAIL IS TO BE CONSTRUCTED
(1 IN 20 TRANSITION)



*THE OFFSET FROM TOE OF FILL TO THE SHOULDER
POINT SHALL BE A MINIMUM OF 12 FEET. THE
SLOPE WILL VARY TO MEET THIS REQUIREMENT.



SECTION ON SUPERELEVATED CURVE

MISSOURI STATE HIGHWAY COMMISSION

SUMMARY OF QUANTITIES

SHEET 1 of 2

JOB NO. 9-P-32-198

FED. ROAD DIVISION	STATE	PROJECT	SHEET NO.
5	MO.	BRF-32-2(5)	2B
DIST. NO.	COUNTY	ROUTE	
9	DENT	32	

CLEARING & GRUBBING

SHEET	CLEAR UNITS	GRUB UNITS
3	195	138
TOTAL	2.2 ACRES	1.0 ACRES

CLASS A UNDERDRAIN

SHEET	STATION	STATION	LOCATION	LENGTH	REMARKS
3	339+06	339+50	Lt. EP	50	
3	339+35		Lt. SH.	20	INCL. T'CONN.
			TOTAL	70	

GUARD RAIL TYPE A

SHEET	STATION	STATION	LOC.	LIN. FT.	TERMINAL SECTION EACH	BRANCH SECTION EACH	REMARKS
3	334+67.38	335+44.2	Lt.	75	1	1	@ Br. End
3	335+08.25	336+13.48	Rt.	75	1	1	@ Br. End
3	337+85.63	338+16.88	Lt.	25	1	1	@ Br. End
3	338+18.21	339+18.21	Rt.	25	1	1	@ Br. End
			TOTALS	200	4	*4	*Safety Barrier Curb

DRAIN BASIN
#8 CL. A UNPERFORATED UNDERDRAIN PIPE

SHEET	STATION	LOC.	DRAIN BASIN EACH	8" PIPE L.F.	REMARKS
3	338+03	Lt.	1	10	@ Br. End

DITCH LINER

SHEET	STATION	STATION	LOCATION	TYPE	DEPTH	DITCH LINER S.Y.	REMARKS
3	342+20	344+52	Rt.	Variable		185	

EXCAVATION

STATION	CL. A C.Y.	CL. A C.Y.	CL. A C.Y.	REMARKS
325+00				
331+41	1415	1122	116	INCL. APPROACH
336+23	8979	6819		
337+92				
344+52.05	2240	1746	1249	INCL. APPROACH
SUB-TOTAL	12,634	9,687	2,410	
ROUNDING	185			EST. @ 500 CY/Mi.
TOTALS	12,819	9,687	2,410	

OBLITERATION ~ LINEAR GRADING

Sta.	Sta.	Loc.	L.G.I.	Remarks
330+50	340+80	Rt.	10.2	Existing Roadway

BASE AND SURFACING

SHEET	STATION	STATION	TYPE	ASPH. CONC.	BIT. STAB. BASE	TYPE 1 or 2 AGG. BASE	REMARKS
				TON	TON	TON	
3	324+50	347+00	24.6	493	113.1	2149	INCL. APPR'S.

CONCRETE BOX CULVERT

SHEET	STATION	LOC.	STD.	WING SLOPE	SIZE	LENGTH	SKEW	C.B. CONC. C.Y.	REINFC. STEEL LB.	C.B. EXC. C.Y.	REMARKS
3	342+02.14	E	70320	2:1	8'x6'	10'	3°19'RA	25.1	2670	59	EXTEND 10' L.F. WITH 24" SK. HDAL. EXTEND 10' L.F. WITH 24" HDAL.
					TOTALS			25.1	2670	59	

PIPE CULVERT GROUP I

SHEET	STATION	LOC.	SKEW	18" LF	FLARED END SECTION EACH	C.B. EXC. C.Y.	OVERFILL HEIGHT	REMARKS
3	338+20	E	-	70	2	23	6'	
				TOTALS	70	2	23	

ENTRANCE CULVERT PIPE AND APPROACHES

SHEET	STATION	STATION	TYPE	LOC.	STD.	GRADE	GROUP II PIPE 15" L.F.	OVERFILL HEIGHT	L.G. CL. 1 Sta.	REMARKS
3	325+00		F.E.	Lt.	20331	-18%			0.3	
3	325+05		P.E.	Rt.	20331	+15%	34	1	0.5	Sk. 15" Hnd.
3	332+50		F.E.	Rt.	20331	-3%	34	3	0.4	
3	339+10		P.E.	Rt.	20331	-10%			0.7	Sk. 10" Bk.
3	339+05		P.E.	Lt.	20331	+10%	34	1	2.1	
3	0+83		P.E.	Rt.	20330	+15%	38	1	0.3	Off P.E. Lt. Sta. 339+05
3	341+80		F.E.	Lt.	20331				4.3	Constructed At Property Owner's Expense
					TOTALS		138			

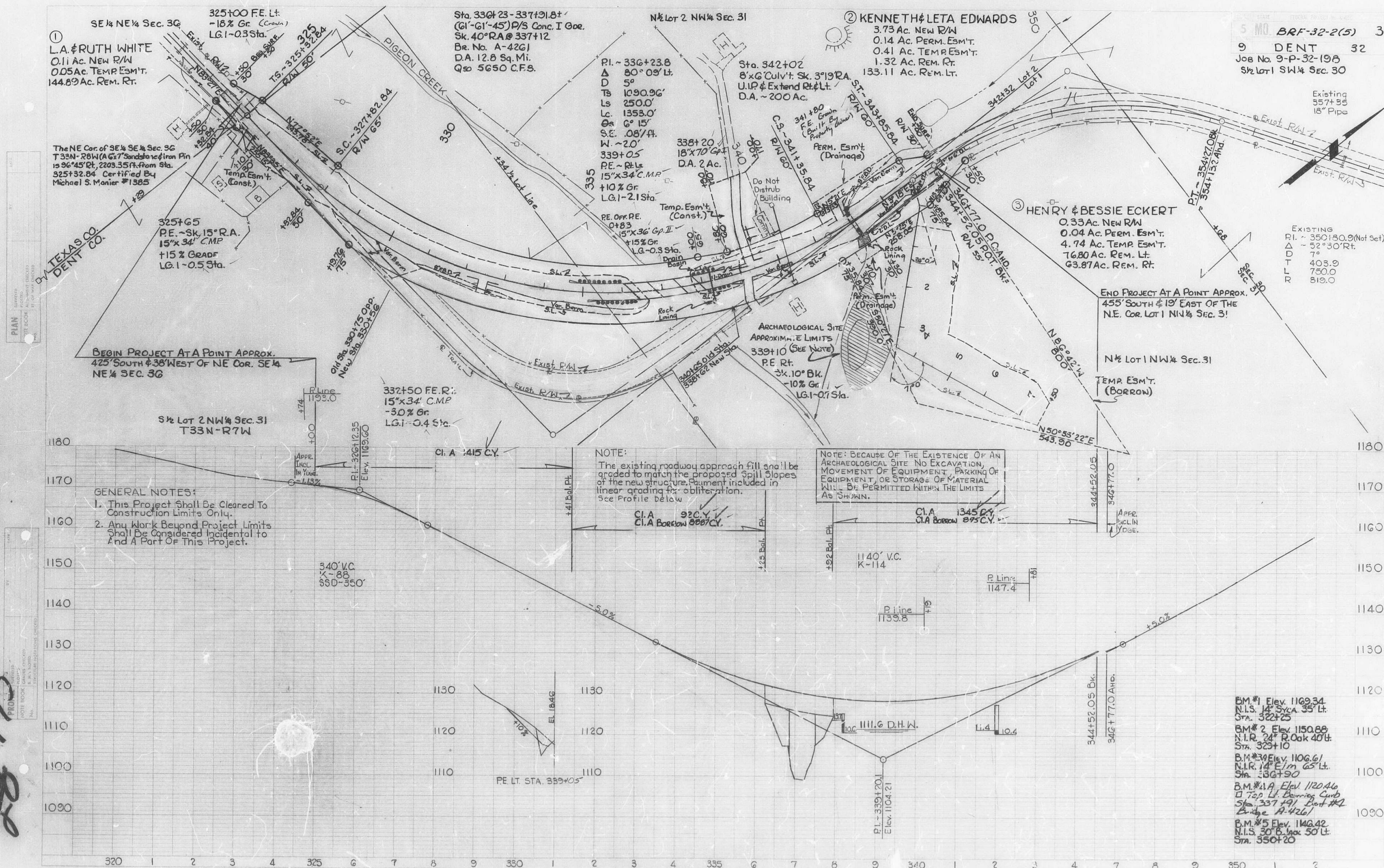
SEEDING AND MULCHING

SHEET	SEEDING	MULCHING	MULCH	REMARKS
	ACRE	ACRE	1" RE	
3	3.426	3.426	3.426	Roadway
3	1.609	1.609	1.609	Obliteration
3	1.764	1.764	1.764	Borrow Area
	TOTAL	6.799	6.799	
	PAY	6.8	6.8	

FIELD LABORATORIES

LUMP SUM 1

26-193



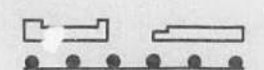
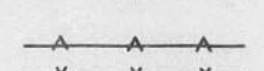
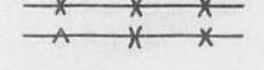
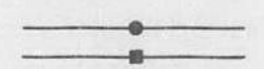
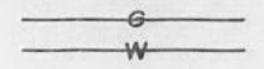
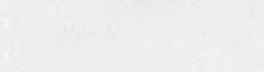
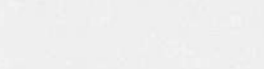
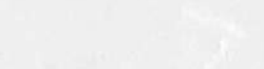
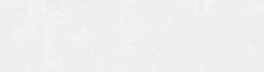
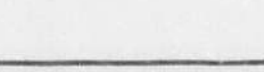
DESIGN DESIGNATION

A.D.T. - 1985 = 950
A.D.T. - 2005 = 1390

D = %
T = %
V = 60 M.P.H.

NORMAL RIGHT-OF-WAY

CONVENTIONAL SIGNS
(USED IN PLANS)

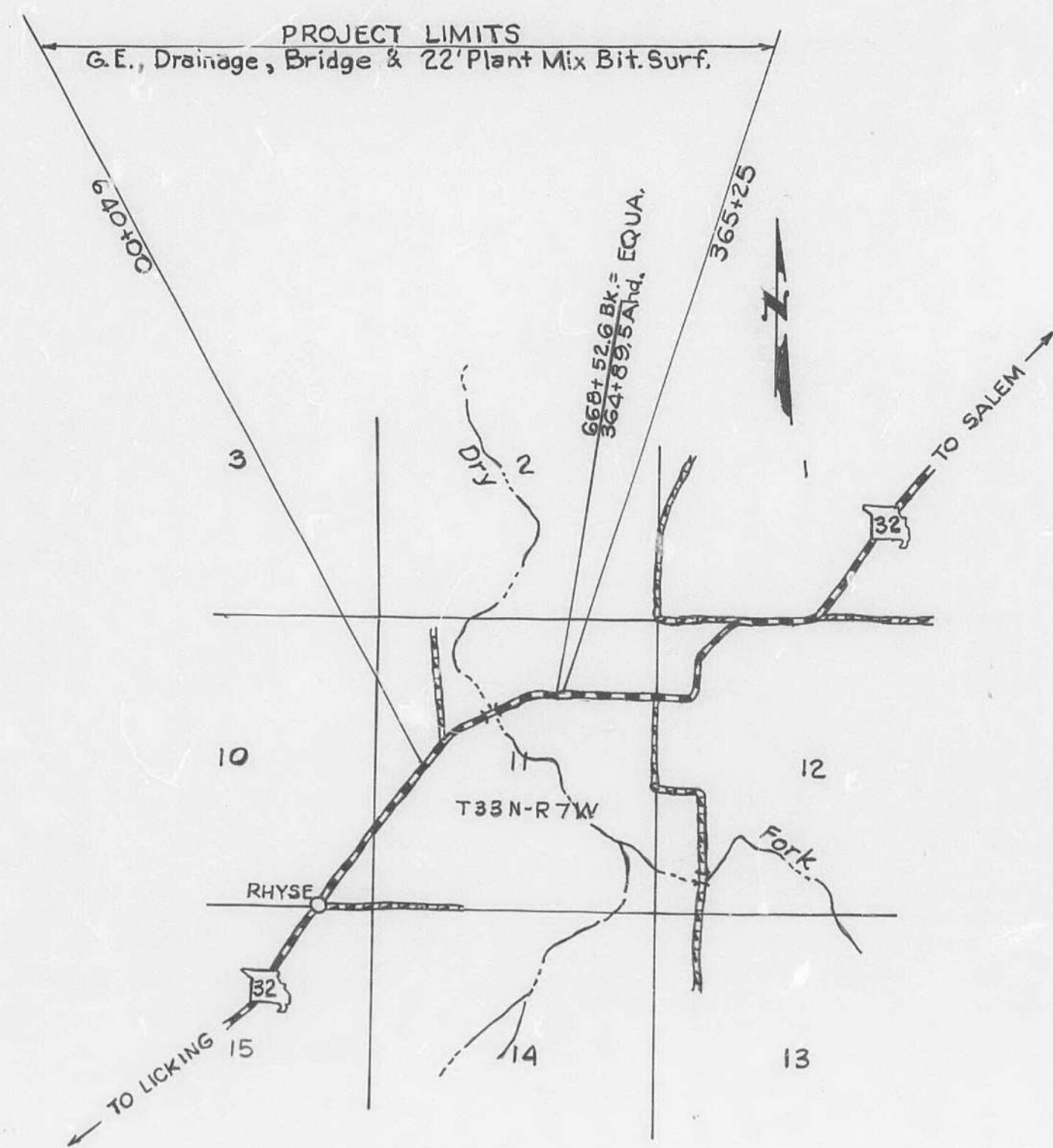
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|------------------------------|---|
| BUILDINGS AND STRUCTURES |  |
| GUARD RAIL |  |
| CONCRETE RIGHT-OF-WAY MARKER |  |
| STEEL RIGHT-OF-WAY MARKER |  |
| FENCE |  |
| CHAIN LINK |  |
| WOVEN WIRE |  |
| GATE |  |
| UTILITIES |  |
| TELEPHONE |  |
| POWER |  |
| GAS |  |
| WATER |  |

NOTE: DASHED OR OPEN SYMBOL INDICATE EXISTING FEATURE

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT



COUNTY DENT
ROUTE 32
PROJECT BRF-32-2 (6)

JOB NO. 9-P-32-218
FINAL PLANS

INDEX OF SHEETS

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LENGTH OF PROJECT

END OF PROJECT	STA. 365+25.0
BEGINNING OF PROJECT	STA. 640+00.0
APPARENT LENGTH	-27,475.0 FEET
EQUATIONS AND EXCEPTIONS	
	668+52.6Bk = 364+89.5Ah
TOTAL CORRECTIONS	+30,363.1 FEET
NET LENGTH OF PROJECT	2,888.1 FEET
STATE LENGTH	0.547 MILES
FEDERAL LENGTH	0.547 MILES

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

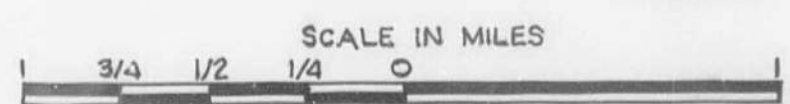
SUBMITTED

CHIEF ENGINEER _____ DATE _____

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

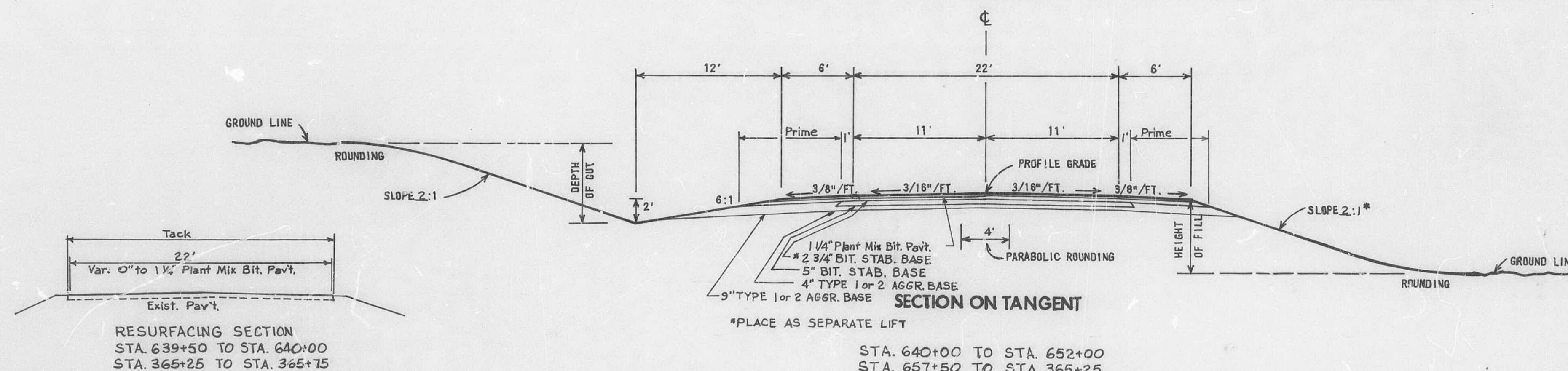
DIVISION ENGINEER _____ DATE _____



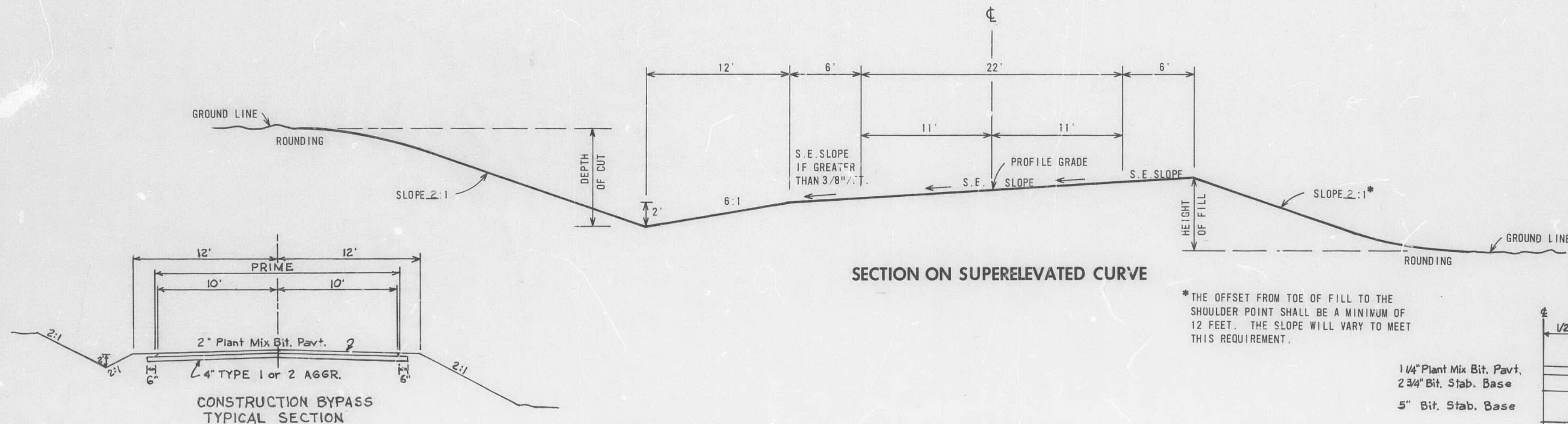
38-318

STATE	JOB NO. 9-P-32-218	SHEET NO. 2
MO.	PROJECT NO. BRP-32-2 (G)	ROUTE 32
DIST. NO. 9	COUNTY DENT	

FINAL PLANS

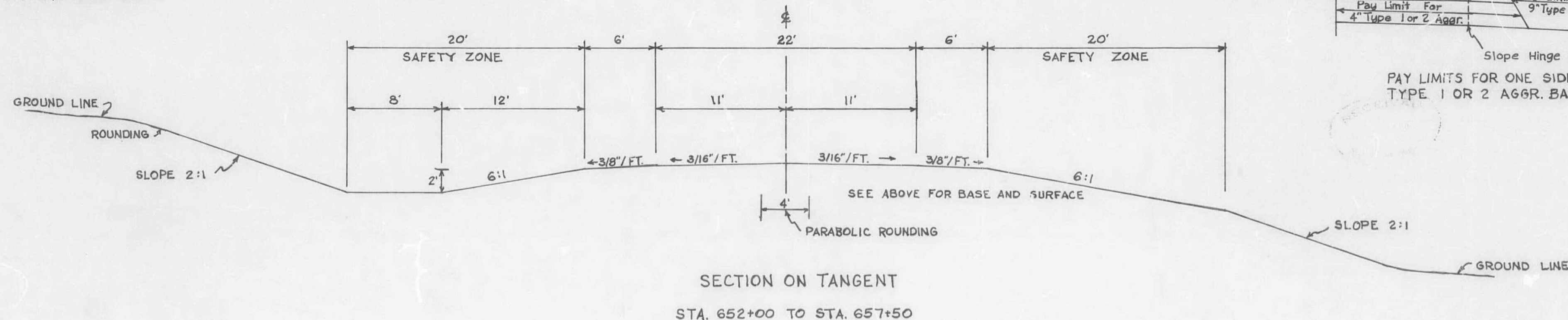
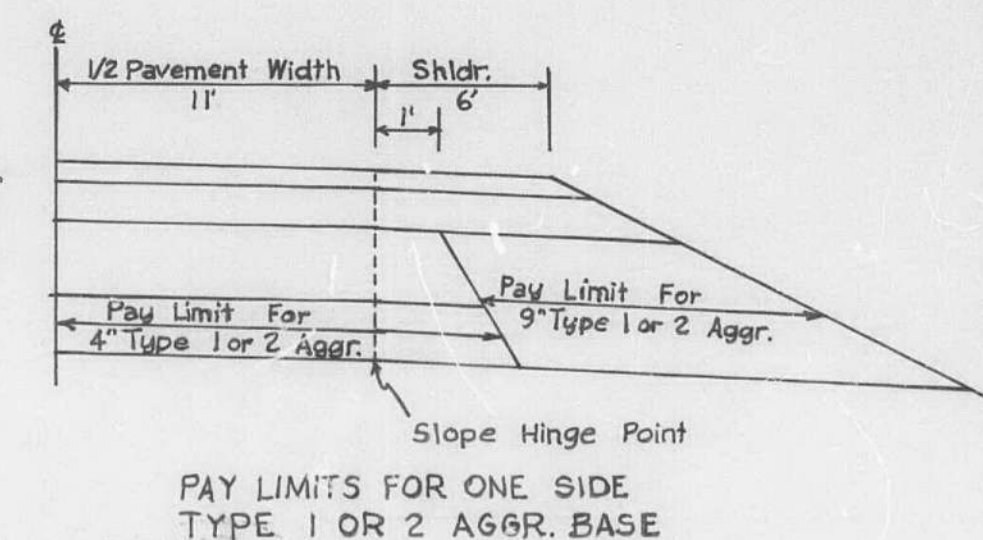


WIDEN SHOULDER 2 FEET (IN CUTS OR FILLS)
WHERE GUARD RAIL IS TO BE CONSTRUCTED.
(IN 20' TRANSITION)



*THE OFFSET FROM TOE OF FILL TO THE
SHOULDER POINT SHALL BE A MINIMUM OF
12 FEET. THE SLOPE WILL VARY TO MEET
THIS REQUIREMENT.

1 1/4" Plant Mix Bit. Pavt.
2 3/4" Bit. Stab. Base
5" Bit. Stab. Base



39 319

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

STATE MO.	JOB NO. 9-P-32-218	SHEET NO. 23
DIST. NO. 9	PROJECT NO. BRF-32-2(6)	ROUTE
COUNTY DENT		32

SHEET 1 OF 2 FINAL PLANS

CLEARING & GRUBBING

SHEET	CLEAR UNITS	GRUB UNITS
3	283	181
4	82	35
SUB-TOTAL	365	216
TOTAL	4.19 ACRES	2.48 ACRES
PAY	4.2 ACRES	2.5 ACRES

EXCAVATION

STATION	STATION	CL A	COMB	CL 1	REMARKS
		C.Y.	C.Y.	STA	
640+00	646+79	2129	1752	9.3 *	TEMP. BY-PASS
646+79	653+70	6981	5824	1.0 *	" "
653+70	365+25	12666	10438	6.4 *	" "
SUB-TOTAL		21776	18014	16.7 *	" "
		275			ROUNDING
TOTAL'S		22051	18014	16.7 *	

OBLITERATION

STATION	STATION	LOC.	CL 1	REMARKS
			STA.	
636+95	647+25	LT.	10.3	TEMP. BY-PASS #1
645+40	649+00	LT.	3.7	OLD ROAD
658+00	664+90	LT.	6.5	OLD ROAD
663+50	366+00	LT.	6.4	TEMP. BY-PASS #2
TOTAL			26.9	

SEEDING & MULCHING

SHEET	SEED UNITS	MULCH UNITS	MULCH OVERSPRAY UNITS
3	241670	241670	241670
4	119418	119418	119418
SUB-TOTAL'S	361088	361088	361088
TOTAL'S	8.29 ACRES	8.29 ACRES	8.29 ACRES
PAY	8.3 ACRES	8.3 ACRES	8.3 ACRES

COMPACTING-IN-CUT

STATION	STATION	LENGTH	WIDTH	DEPTH	CL YD.	REMARKS
640+00	644+50	450	33	1.5	825.00	UNDER OLD RD.
644+50	650+50	600	34	1.5	1133.33	
657+25	664+50	725	34	1.5	1369.44	
664+50	668+52.6	402.6	33	1.5	738.10	EQ. BK.
364+89.5	365+25	35.5	33	1.5	65.08	EQ. AND.
TOTAL					4132.95	
PAY					4131	

TYPE 2 ROCK BLANKET

SHEET	STATION	STATION	THICKNESS	FURNISH	PLACING	REMARKS
			2'	460.66	460.66	
3	654+13	654+14	2'	460.66	460.66	
3	655+87	656+06	2'	502.22	502.22	
TOTALS				962.88	962.88	
USE				963	963	

CLASS A UNDERDRAINS & DRAIN BASINS

SHEET	STATION	LOC.	DRAIN	CL. A	8' UNDER	CL. 3	REMARKS
			BASIN	UN-DRAIN	UN-DRAIN	EXC.	
			EACH	L.F.	L.F.	C.Y.	
3	650+25	Q		44'			DRAINS TO LEFT
	654+10	LT.	1'		44'	15'	INCL. 20" ELBOW
	654+19	RT.	1'		44'	16'	INCL. 20" ELBOW
	657+30	Q		50'			DRAINS TO LEFT
TOTAL'S			2	94'	88"	31'	

GLIARD RAIL

SHEET	STATION	STATION	LOC.	GD. RAIL TYPE A	TERM. SEC.	BR. ANCH. SEC.	REMARKS
				L.F.	EA.	EA.	
3	653+03	654+28	LT.	75	1	1	@ BR. END
3	653+12	654+37	RT.	75	1	1	"
3	655+14	656+99	LT.	75	1	1	"
3	655+82	657+07	RT.	75	1	1	"
TOTAL'S				300	4	4	

CULVERT PIPE AND APPROACHES

SHEET	STATION	TYPE	LOCATION	STD.	% GRADE	SKEW	GROUP II PIPE	OVERFILL	CL 3	L.G. I	REMARKS
							15" 24" HEIGHT		EXC.	STA.	
							L.F. L.F.		C.Y.		
3	637+75	F.E.	LT.	203.31	+6%		32'	1		0.4	
3	2+15	F.E.	RT.	203.30						0.3	TEMPORARY ON BY-PASS
3	8+50	Q				25° LA	42'		17		TEMPORARY ON BY-PASS
3	8+90	F.E.	LT.	203.30						0.4	TEMPORARY ON BY-PASS
3	645+25	F.E.	LT.	203.31	-16%					0.8	
3	651+68		50' LT.			30° LA	44'	2	30		TEMPORARY ON BY-PASS
3	652+00	F.E.	RT.	203.31	0%					0.4	
4	1+90	F.E.	LT.	203.30						0.3	TEMPORARY C.V. BY-PASS
4	664+00	F.E.	LT.	203.31	+5%		32'	1		0.5	
4	664+00	F.E.	RT.	203.31	0%		32'	1		0.5	
4	3+00	Q					34'	1	11		TEMPORARY ON BY-PASS
TOTAL'S							130'	86'	58	3.6	

REINFORCED CONCRETE PIPE CULVERTS - CLASS III

SHEET	STATION	LOCATION	SKEW	18" 24" FLARED END SEC.	CL 3	REMARKS
				L.F. L.F.	18" 24" EXC.	
					EA. C.Y.	
3	651+40	Q	30° LA	70'	2	7
4	668+15	Q	-	46'	2	17
TOTAL'S				46'	70'	2 2 24

CONCRETE BOX CULVERT

SHEET	STATION	LOC.	SKEW	STD.	WING SLOPE	SIZE	CL B REIN	CL 3	REMARKS
							CONC. STEEL	EXC.	
							C.Y. LBS.	C.Y.	
3	643+32	Q	26° 18' LA	703.30	2:1	3'x2'	7.3	970	18
TOTALS							7.3	970	18

BASE & SURFACING

STATION	STATION	LOC.	PLANT MIX ASPH. CEMENT	MIN. AGG.	PLANT MIX ASPH. CEMENT	MIN. AGG.	PRIME	TYPE 1	AGG. BASE	TACK	REMARKS
			TON	TON	TON	TON	GAL.	S.Y.	S.Y.	GAL.	
640+00	365+75	RT. 32	48.1	766.9	180.6	3581.9	1119	7.613	5748	24	INCL. APPROACHES
0+00	13+08.8	BY-PASS #1	14.7	230.3			776	2408			COMM. MIX
0+00	9+26.5	TEMP. BY-PASS #2	10.2	159.8			510	1565			"
TOTAL'S			73.0	1157.0	180.6	3581.9	2405	11606	5748	24	
PAY			73.0	1157	180.6	3582	2410	11606	5748	20	

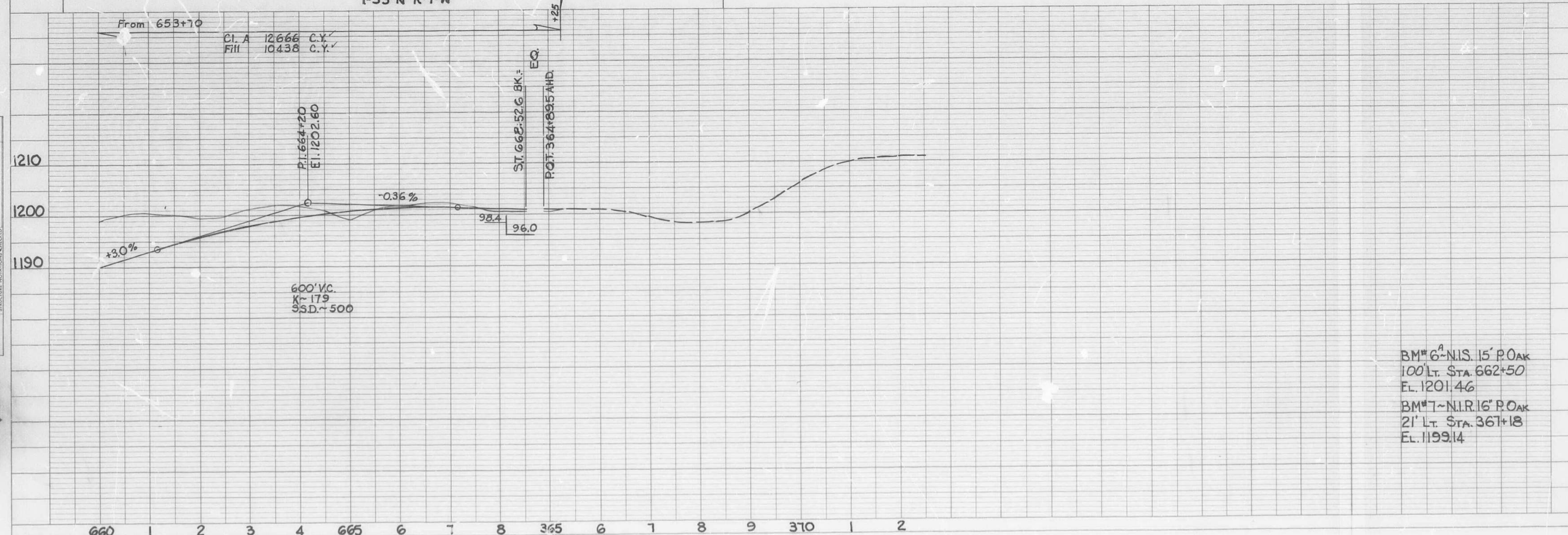
TEMPORARY PAVEMENT STRIPPING & REMOVAL

SHEET	STATION	STATION	LOC.	4" SOLID WHITE (DOWN)	4" SOLID YELLOW (DOWN)	4" SOLID WHITE (UP)	4" SOLID YELLOW (UP)	REMOVAL	REMARKS
				L.F.	L.F.	L.F.	L.F.	L.F.	
3	632+00	637+75	RT. 2				502	502	RT. 32
3	635+50	637+00	LT. EDGE				150	150	"
3	635+50	638+75	RT. EDGE				278	278	"
3	637+00	637+75	LT. 2				76	76	"
3	0+00	13+09	LT. EDGE				1244		BY-PASS #1
3	1+78	13+09	RT. EDGE				1076		"
3	0+00	13+09	RT. 2				1020		"
3	0+00	13+09	LT. 2				1020		"
3	649+30	649+50	LT. EDGE				23		EXIST. RT. 32
3-4	13+09	BY-PASS #2	RT. 2				525		"
3-4	13+09	BY-PASS #2	LT. 2				418		"
4	0+00	0+65	LT. EDGE				65		"
4	0+00	0+65	RT. EDGE				65		"
4	0+00	7+97	RT. 2				735		BY-PASS #2
4	0+00	7+97	LT. 2				735		"
4	7+97	9+27	RT. 2				79	79	"
4	7+97	9+27	LT. 2				79	79	"
4	0+00	7+48	RT. EDGE				565	69	"
4	0+00	9+27	LT. EDGE				807		"
4	7+48	9+27	RT. EDGE				149	149	"
4	367+60	369+10	LT. EDGE				151	151	RT. 32
4	367+60	369+10	RT. EDGE				150	150	"
4	367+60	373+63	LT. 2				465	465	"
TOTAL'S				3715	4583	947	1201	2148	
PAY				37	46	9	12	21	

FINAL PLANS

④
WILLIAM D. FLOYD
New R/W 0.05 Ac.
Rem. Rt. 76.57 Ac.

BM# 6^A-N.I.S. 15' P.OAK
100' LT. STA. 662+50
E.L. 1201.46
BM# 7~N.I.R. 16" P.OAK
21' LT. STA. 367+18
E.L. 1199.14



INDEX OF SHEETS

TITLE SHEET	1
TYPICAL SECTIONS (Sheet)	2
SUMMARY (Sheet)	2-A
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REFERENCE POINTS	
SPECIAL SHEETS	
LIGHTING	
SIGNALS	
SIGNING	
CULVERT SECTIONS	9
BRIDGE PLANS	10-26
STANDARDS	19
CROSS SECTIONS	1-24

DESIGN DESIGNATION

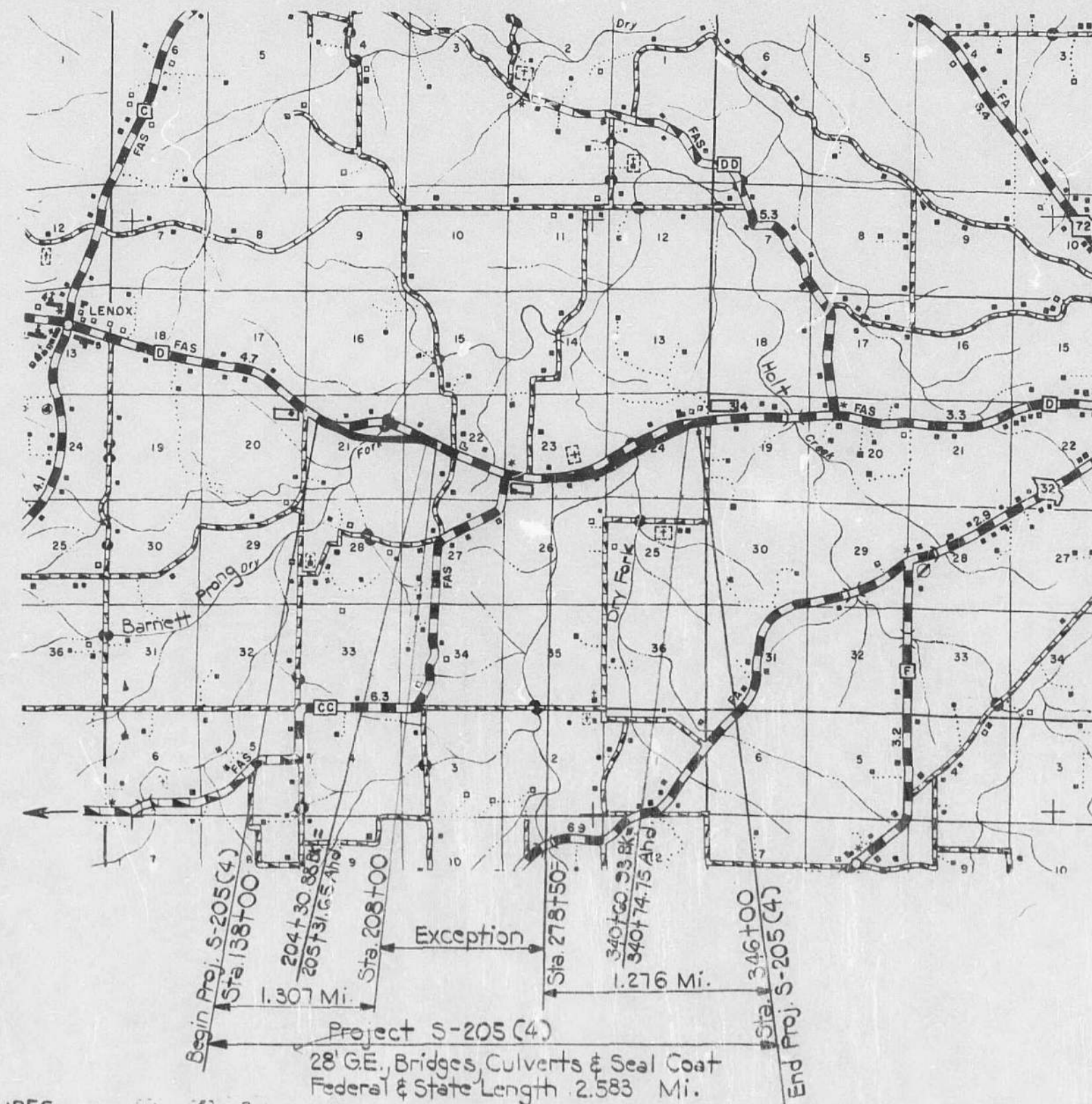
ADT (1968) = 100 to 400
 ADT (19) =
 DHV (19) =
 D = %
 T = %
 V = 40 m p h

MISSOURI STATE HIGHWAY COMMISSION PLAN AND PROFILE OF PROPOSED STATE ROAD

FEDERAL AID PROJECT
DENT COUNTY

COUNTY	DENT
STATE ROUTE NO	D
PROJECT NO	S-205 (4)

FINAL PLANS



CONVENTIONAL SYMBOLS

STATE LINE	---
COUNTY LINE	---
CITY LIMITS	---
TOWNSHIP OR RANGE LINE	---
OTHER LAND SURVEY LINES	---
FENCE LINE	---
GUARD RAIL	---
PROPERTY LINE	---
RIGHT OF WAY LINE	---
RIGHT OF WAY MARKER	---
RAILROAD	---
SURVEY CENTER-LINE	---
CULVERT	---
OVERHEAD TELEPHONE NEW	---
OVERHEAD TELEPHONE EXIST	---

EXISTING BUILDINGS & STRUCTURES	---
GROUND LINE	---
GRADE LINE	---
OVERHEAD POWER-EXIST	---
OVERHEAD POWER-NEW	---
UNDERGROUND GAS-NEW	---
UNDERGROUND WATER-EXIST	---
DITCH BLOCK	---

TITLE SHEET LEGEND

INTERCHANGE	---
GRADE SEPARATION	---
PROJECT INFORMATION SIGNS	---

Scale of
Title Sheet
0 5 Miles



SUBMITTED BY DATE

CHIEF ENGINEER
MISSOURI STATE HIGHWAY COMMISSION

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER DATE

530

LOCATION Abt 2.6 mi. S.E. of Lenox

TYPE 28' GE, Culvs., Bcs., Proc. Aggr. with Seal Coat

MISSOURI STATE HIGHWAY COMMISSION

SUMMARY OF QUANTITIES

FED. ROAD DIV. No.	STATE	PROJECT	SHEET No.	TOTAL SHEETS
5	MO.	5-205(4)	2A	
DIST. No.	COUNTY	ROUTE	SEC. No.	
9	Dent		D	

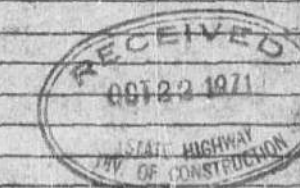
RECAPITULATION FROM "B" SHEETS										GENERAL SUMMARY		LENGTH OF PROJECT		FINAL PLANS	
PLAN SHEET NUMBERS										TOTALS	UNIT	DESCRIPTION	REMARKS	END OF PROJECT	STATION
										13.8	Ac.	201-10.00 Clearing		BEGINNING OF PROJECT	138+00
										11.3	Ac.	201-10.00 Grubbing		APPARENT LENGTH	20800.0 FEET
										1	L.S.	202-10.10 Removal of Improvements		EQUATIONS AND EXCEPTIONS	
										87065	C.Y.	203-10.00 Class A Excavation	Incl's 20051 C.Y. ea. ea	204+30.88 Bk = 205+31.55 Ahd. -100.77	
										21533	C.Y.	203-10.00 Sandstone Excavation	Incl's 24153 C.Y. ea.	340+60.93 Bk = 340+74.75 Ahd. -13.82	
										459	C.Y.	206-10.00 Class 3 Excavation		Exception:	
										408	Sta.	207-10.00 Linear Grading Class 1		208+00 to 218+50	-7050.0
										130.0	Sta.	211-10.00 Subgrade Scarifying			
										2559	C.Y.	310-50.01 Gravel (A)	Est @ 18 C.Y./ Sta.	TOTAL CORRECTIONS	7164.59 FEET
										137	Sta.	311-10.00 Processing Aggregate Surface		NET LENGTH OF PROJECT	13635.41 FEET
										16750	Gals.	408-10.10 Prime (Liquid Asphalt)	Est @ 0.5 Gals./ S.Y. PC-70 or MC-30	STATE LENGTH	2.582 MILES
										9130	Gals.	409-10.25 Bituminous Mat'l. (Seal Coat) (Liquid Asph Mc 3000)	Est @ 0.3 Gals./ S.Y.	FEDERAL LENGTH	2.582 MILES
										363	C.Y.	409-10.51 Cover Aggregate (Grade 5)	Est @ 28 lbs./ S.Y.		
										83	Each	602-10.00 Steel Right-of-Way Markers		Federal Length	
										16.7	S.Y.	604-10.60 Paved Pitch		Same as State	
										1348	C.Y.	611-30.40 Placing Type 2 Rock Blanket			
										1361	S.Y.	611-40.10 Grouted Rock Surface			
										4	Each	612-10.30 Movable Barricades			
										1	L.S.	612-10.10 Standard Construction Signs			
										105.4	C.Y.	703-10.01 Class B Concrete (Culvert)			
										12140	Lbs.	706-10.00 Reinforcing Steel			
										452	L.F.	725-01.15 15" Pipe Culvert (Group II)			
										352	L.F.	725-01.16 18" Pipe Culvert (Group II)			
										392	L.F.	725-01.29 24" Pipe Culvert (Group II)			
										158	L.F.	725-01.30 30" Pipe Culvert (Group II)			
										168	L.F.	725-01.32 42" Pipe Culvert (Group II)			
										114	L.F.	725-01.40 48" Pipe Culvert (Group II)			
												Bridge at Sta. 168+20.3			
												Drawing No. A-2587			
										642	L.F.	702-10.10 Structural Steel Piles (10")			
										31.8	C.Y.	702-10.03 Class B Concrete (Substr.)			
										136.8	C.Y.	702-10.04 Class B Concrete (Substr. on Steel)			
										39050	Lb.	706-10.00 Reinforcing Steel			
										40840	Lb.	712-10.10 Fabricated Structural Carbon Steel (I-Beam)			
										282	L.F.	714-10.00 Bridge Rail (One Tube)			
												Bridge at Sta. 318+87.4			
												Drawing No. A-2588			
										1	L.S.	202-10.10 Removal of Improvements			
										624	L.F.	702-10.10 Structural Steel Piles (10")			
										30.0	C.Y.	702-10.03 Class B Concrete (Substr.)			
										187.5	C.Y.	702-10.04 Class B Concrete (Substr. on Steel)			
										51910	Lb.	706-10.00 Reinforcing Steel			
										101690	Lb.	712-10.10 Fabricated Structural Carbon Steel (I-Beam)			
										398	L.F.	714-10.00 Bridge Rail (One Tube)			
												CONTINGENT ITEMS			
										283	L.F.	Cont. Structural Steel Piles (10") (Gr A-2587)	in excess of 10% overrun		
										26	L.F.	Cont. Placing State Owned Pipe (15")			

Prepared By O E Clark Date 9/21 19 71

Checked in Dist. Office By C E Hale Date 10/1 19 71

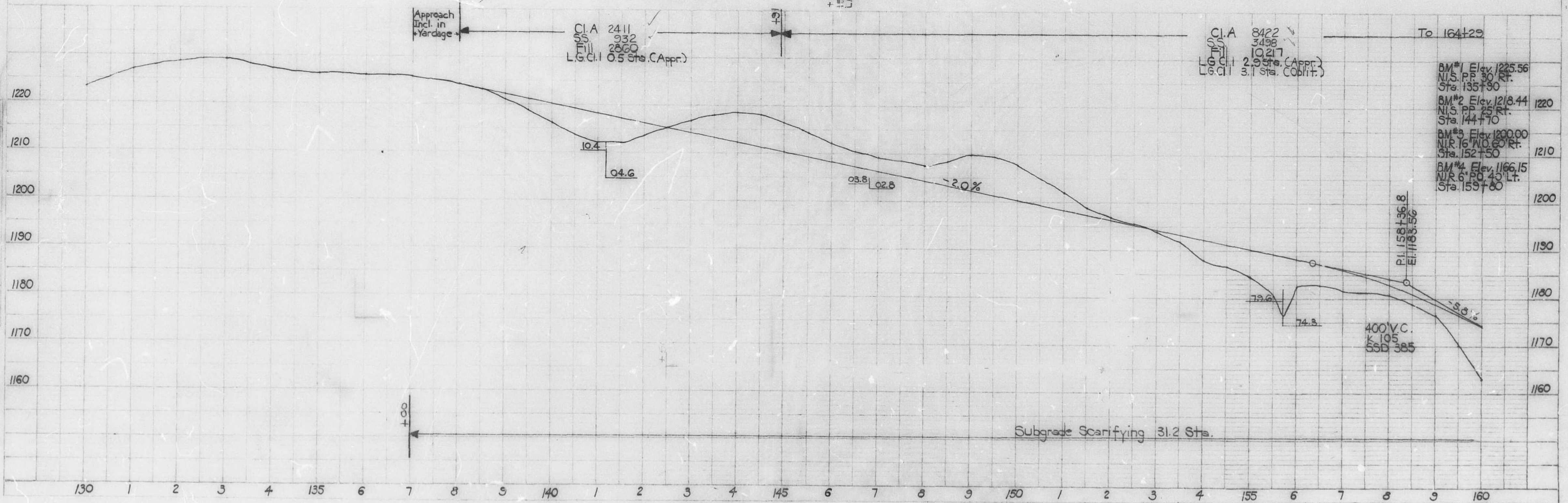
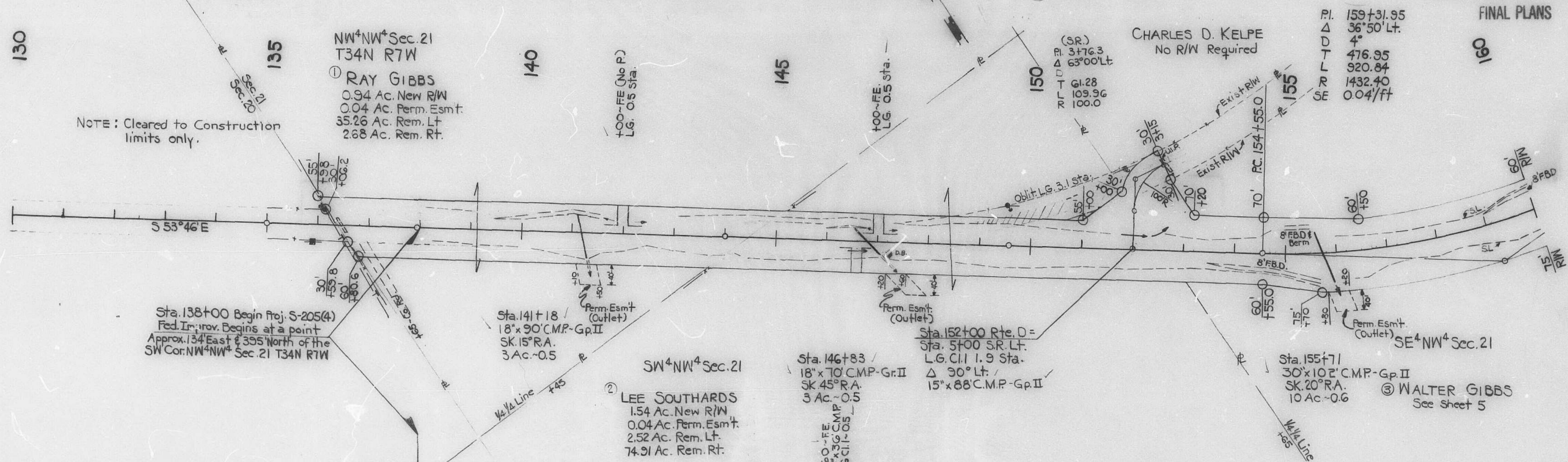
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Revised By _____ Date _____ 19 _____



532

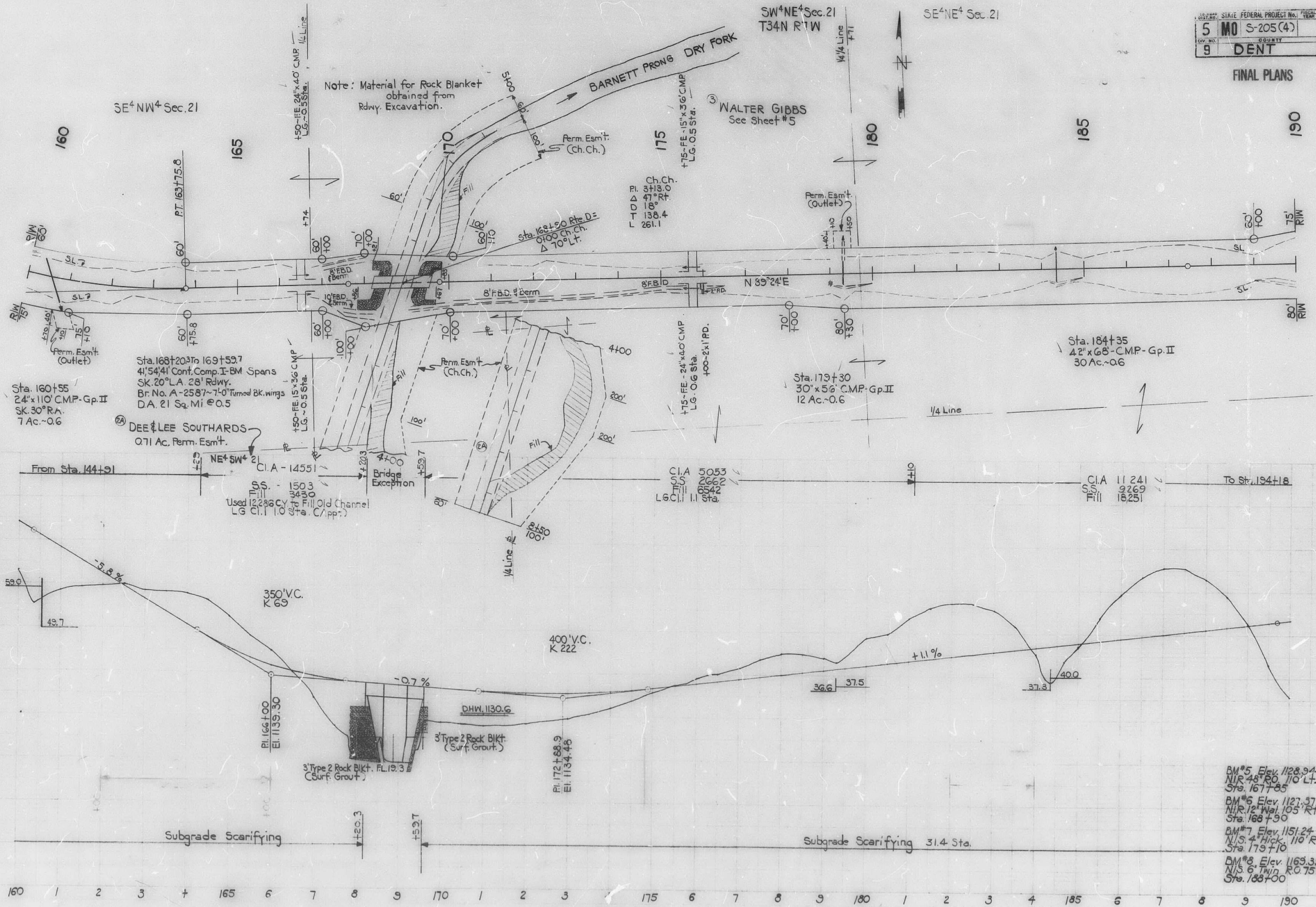
FINAL PLANS



533

STATE	FEDERAL PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
MO	S-205(4)		4	
COUNTY	ROUTE	REC.		
DENT	D			

FINAL PLANS

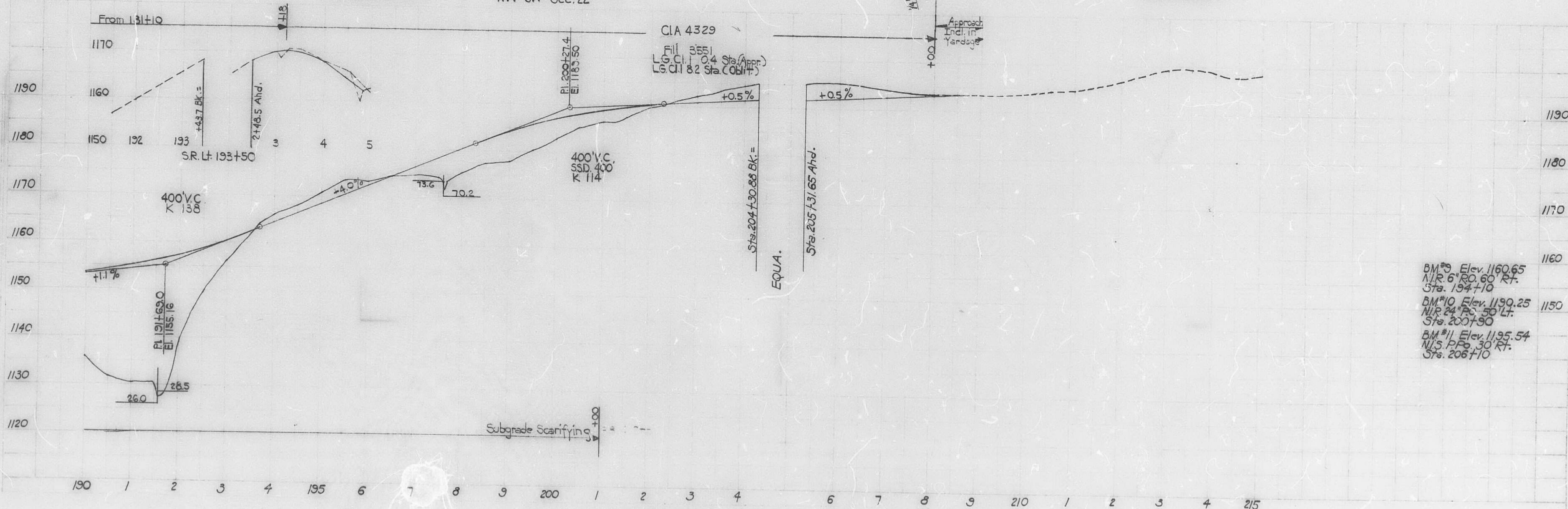
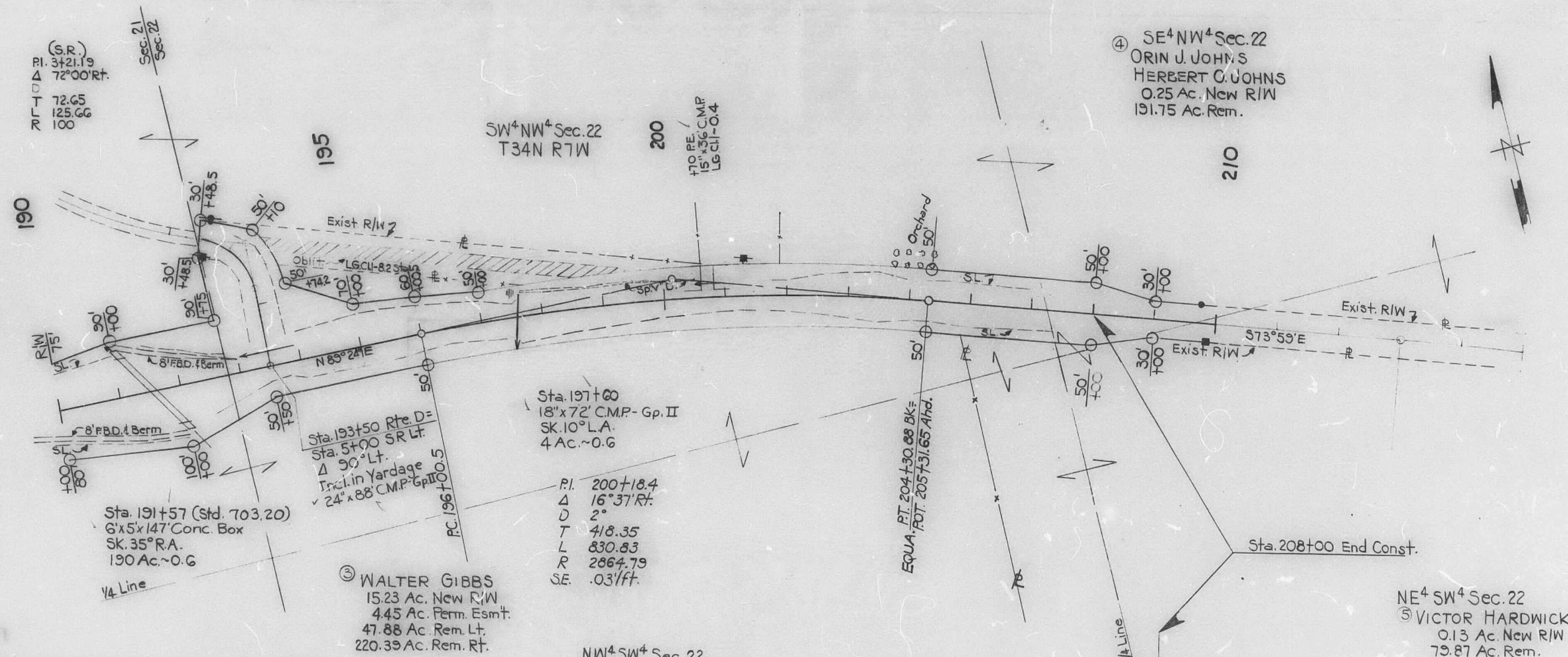


BM*5 Elev. 1128.94
 N.I.R. 48° 30' 110' Lt.
 Sta. 167+65
 BM*6 Elev. 1127.37
 N.I.R. 12° 10' 105' Rt.
 Sta. 168+30
 BM*7 Elev. 1151.24
 N.I.S. 4° 110' Rt.
 Sta. 179+10
 BM*8 Elev. 1163.39
 N.I.S. 6° 110' Rt.
 Sta. 188+00

534

STATE	FEDERAL PROJECT NO.	SECTION	SHEET NO.	TOTAL SHEETS
5 MO	S-205 (4)		5	
COUNTY	ROUTE	SEC.		
DENT	D			

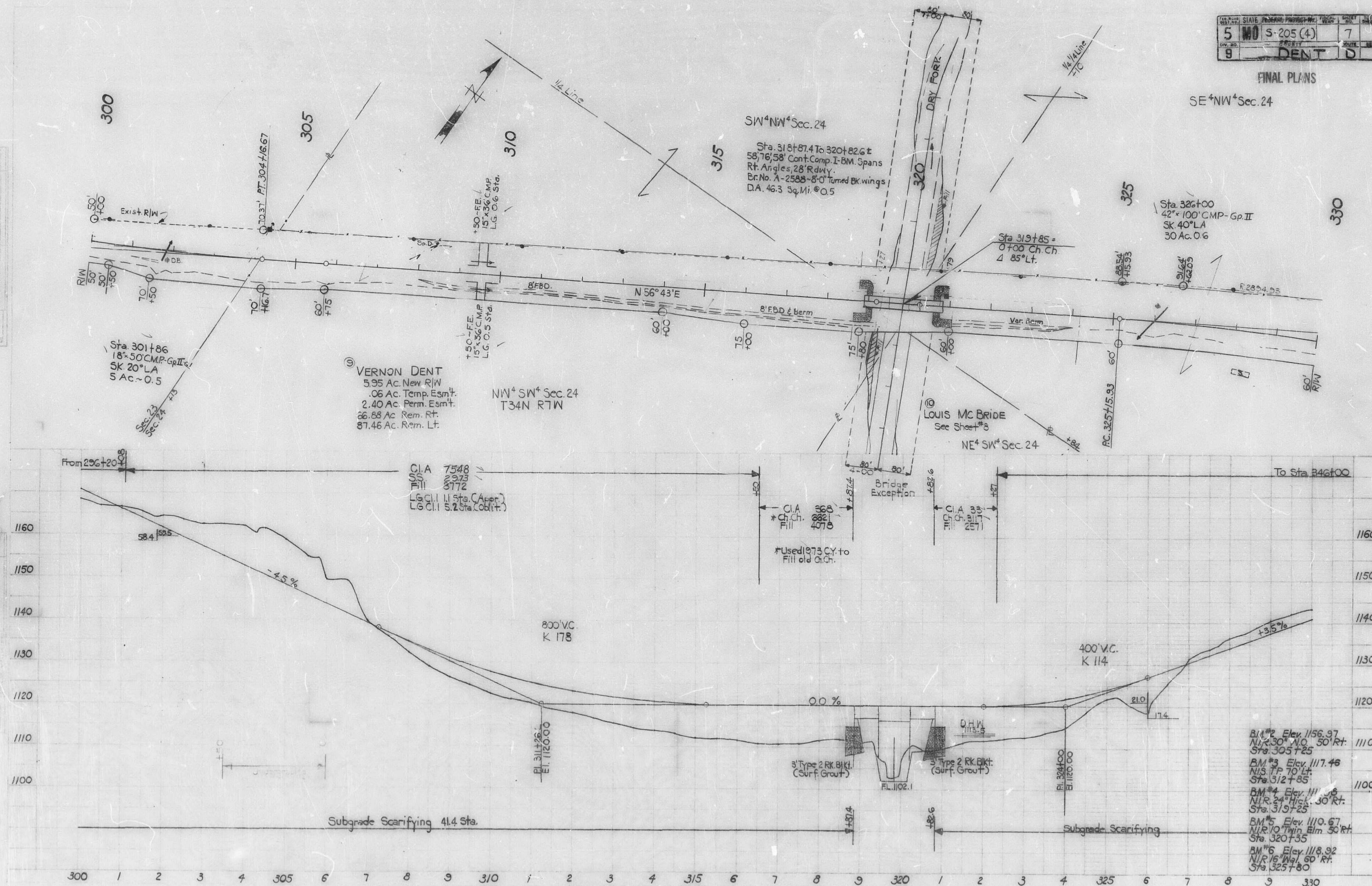
FINAL PLANS



BM #9 Elev. 1160.65
N/R 6" RO. 60 Rt.
Sta. 194+10
BM #10 Elev. 1190.25
N/R 24" PC 50' Lt.
Sta. 200+50
BM #11 Elev. 1195.54
N/S P.P. 30' Rt.
Sta. 206+10

535

SE⁴NW⁴Sec.24



FINAL PLANS

