SHEET NO.	DESIGNATION	B. P. R. APPROVAL	DATE ADOPTED "A" or LATEST REVISION "R"
	TITLE SHEET		
	ST'D. DIV. LANE (INTERSTATE)		
	ST D. DIV. LANE (INTERSTATE)		
4/21/2010/2016	ST'D. DIV. LANE (INTERSTATE)	9-1-61	R 8/11-61
2 \	ST'D CROSS SECTION, E-II-JR ST'D CROSS SECTION,		
	STD CROSS SECTION.		
3-6	TYPICAL CROSS SECTION		
	STO 8 INCH RAMP SECTION		
	ST'D IO INCH RAMP SECTION		
Ga	PLAT NO 1		
		5-23-62	R 5-11-62
7 3 3 3 S	ST'D. PAVEMENT JOINTS SHEET "A"	3-23-02	
8-31	PLAN AND PROFILE & DETAILS		
32 -33	STRUCTURE DATA		
32733	STRUCTURE DATA		
34	ESTIMATE OF QUANTITIES		
RESERVE	ESTIMATE OF QUANTITIES		
		3-9-61	R 7-11-60
35	MISCELLANEOUS STANDARDS, SHEET "MA"	/ 3-9-01	R 6-6-63
36	MISCELLANEOUS STANDARDS, SHEET "MB"	1-26-6Q	R 4-I-59
37	MISCELLANEOUS STANDARDS, SHEET MC		A CAN PARKET RECEIVED
36	MISCELLANEOUS STANDARDS, SHEET "MC!" MISCELLANEOUS STANDARDS, SHEET "MD"	1-26-60	R 5-26-59
38	MISCELLANEOUS STANDARDS, SNEET "MD!"		
39	MISCELLANEOUS STANDARDS, SHEET "ME"	8-9-61	R 10-14-60
	MISCELLANEOUS STANDARDS, SHEET "MF"		
	MISCELLANEOUS STANDARDS, SHEET MG		
40	MISCELLANEOUS STANDARDS, SHEET MH	2-4-63	A NOV 1962 R 3-30-61
4	MISCELLANEOUS STANDARDS, SHEET "MA	4-20-61 1-26-60	R 4-17-59
42	MISCELLANEOUS STANDARDS, SHEET MJ	4-28-61	A FEB 1961
43	MISCELLANEOUS STANDARDS, SHEET MJ-1	5-9-61	R 4-11-61
44	MISCELLANEOUS STANDARDS, SHEET "MN" MISCELLANEOUS STANDARDS, SHEET "MP"	6-5-62	R 5-25-62
45 46	MISCELLANEOUS STANDARDS, SHEET "MP-1"	5-9-61	A OCT. 1960
. 46	MISCELLANEOUS STANDARDS SHEET MR		
47	MISCELLANEOUS STANDARDS, SHEET 'S"	1-17-61	R 12-23-60
48	MISCELLANEOUS STANDARDS, SHEET S-1	3-7-63	R I-15-63
2817 S X A 21 22	MISCELLANEOUS STANDARDS, SHEET MT		R . 2-8-61
. 49	MISCELLANEOUS STANOARDS, SHEET "MU"	5-1-61	
	MISCELLANEOUS STANDARDS, SHEET "MV"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	MISCELLANEOUS STANDARDS, SHEET "MV-1"		
医双侧线接收剂			
No.			
	ST'D. GUARD RAIL	6-6-61	R 5-25-61
950	BEAM GUARD RAIL, SHEET "GR-I"		
5I	STD. FOR SUPERELEVATION	2-27-61	A VAN 1961
52 /	STD. DETOUR SIGNS, SHEET I		R 3-8-63
53/	ST'D. DETOUR SIGNS, SHEET 2		R 3-8-63
54/	ST'D DETOUR SIGNS, SHEET 3		R 3-8-63
<i>5</i> 5	ST'D. DETOUR SIGNS, SHEET 3A		R 3-8-63
/56	STD. DETOUR SIGNS, SHEET 4	I-26-62	R 12-1-61 \- R 3-8-63
/ 57	ST'D DETOUR SIGNS, SHEET 5		
60-148	CROSS SECTIONS		

	NE VI	SIONS
SHEET NO. !	DATE	REVISED
25/	10-1-63	Intersection Island Revised.
59-117615-18 to 22 - 25-26	5-4-64	TOPO ADDED & REFERENCE POINTS REV
3-8-25; 29-34	5-12-64	EXIST PL'S & TEMP. R/W.
7	7-23-63	R/W Revised
71,7134,15,18,21,6,76	5+20-64	Temp R/W for Bldg Removal
3,9,13,25,29, 32,34 88	10-21-64	SPL. CLASS II DR & P CORRECTED
8-13-15-26 25,95/96	1-4-65	RINREV. TO MIES WELLS (TOPO REV.
21,29,33,34,144	2-2-65	CLASS & DR. ADDED 161400
<i>y</i> 1-14	4-30-65	RIW REVISED
14,17818	6-14-65	TEMP RIW ADDED RIWREVISE
N.1Z(34	7-9-65	TEMPRIW ADDED CIZ DR REV.
I,IEIM	7-13-65	TEMPRIN REV. TO PERM. R/W
14	9-22-65	TEMP. RIW FOR DR. CONST. ADDED

BIGHT OF WAY FLARS

STATE OF INDIANA

STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED

STATE HIGHWAY

F-PROJECT NO. 153 (3) P.E. (7) R/W (8) CONST.

MAX. GRADE : 1.60%

EQUATION STA. 54+99.8 LINE "F"= STA. 548+37.2 LINE "G" STA. 10+00.0 LINE "

EQUATION STA. 104+63.8 LINE "H"= STA. 104+55.8 LINE "F" END F PROJECT 153(8) STA 164+28.44

> EQUATION STA 162+75.4 LINE "F"= STA 162+69.17 LINE "J" DILLSBORO

> > SCALE: 1"= 2000"

是是是是这个人的。 第二章	
Ceconder Send Width 500	DESIGN DATA
	A.D.T. (1962) 4325 V.P.D.
	A.D.T. (1982) PROJECTED 10,800 V. P.D.
실 조용화 하시아는 이 불 맞이 하는데 그릇이 되었다. 그들이 살아 보는 것이 하는데 그를 하는데 그렇게 그렇게 다른데 그렇게 다른데 그렇게 되었다.	D.H.V. (1982)
	DIRECTIONAL DISTRIBUTION 50 %
CODE #0467	TRUCKS DHV 11% ADT 20%
- UUC U46/	DESIGN SPEED 70 M.P.H.

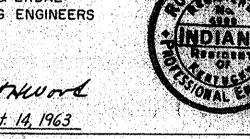
	R/W INDEX
SHEET NO.	SUBJECT
	TITLE SHEET & R/W INDEX
1A	PARCEL LISTING
4-7	TYPICAL CROSS SECTIONS
8-22	PLAN & PROFILE
23-27	DETAILS
<i>28</i>	GRADE PROFILES
29-33	STRUCTURE TABLES
34	APPROACH TABLES

LEGEND

- D CONSTRUCTION IDENTIFICATION SIG

PREPARED & SUBMITTED BY HAZELET & ERDAL CONSULTING ENGINEERS

Coluthword DATE <u>Sept. 14, 1963</u>



Code: 0467

F-183 (7)

Dearborn & Ripley Co. 12

31 C1

36 Sheets

ROAD FILE

STATE HIGHWAY DEPARTMENT OF INDIANA. STANDARD SPECIFICATIONS DATED 1960 TO BE USED WITH THESE PLANS.

ROAD US-50 COUNTY-DEARBORN+RIPLEY PROJECT F-153(7) L.A. CODE 0467 DATE 07/22/65
L10-6-01 PARCEL LISTING FOR LAND ACQUISITION

	L10-6-			·		R LAND A							
	PARCEL NUMBER		CENTER	FROM APPROX STA•	ТО	PLAN	BRIDGE	TOTAL AREA	R/W EXISTING	NATURE OF TITLE	LAND TO BE ACQUIRED	RESIDUE AREA	BLDG.
		WESTMEYER JOHN ET UX	G	500	512	08	y The second	131.670AC	4•292AC	PE	0.846AC	A= 91.443AC B= 31.757AC	
	1A		G	500	513	08				PE	3.310AC		
	18		A	11	13	08	•			PE	0.022AC		
	1¢		A	11	13	08				TE	0.043AC		
	2	JOHNSON WILLIAM ET UX.	G	514	516	08+09		5.000AC	0•849AC	PE	0.281AC	A= 3.170AC B= 0.700AC	
	3	BRADLEY SEARL ET UX.	G	513	517	09		5.000AC	0.240AC	PE	1.040AC	A= 3.720AC	*
	4	GERSTER HARRY ET UX.	G	516	540	09+10	•	149.000AC	5.066AC	PE	2.399AC	A= 35.621AC B=100.632AC	
	4A		G	517	541	09+10				PE	5.282AC		
	48		G	519	520	09				TE	0.057AC		
	4 C		G	521	522	09				TE	0.058AC		
	4 D		G	517	519	10		700 01046		TE	0.172AC		
	5	BAKER, FRED ET UX.	G+F	540	25	10+11+1	.4 	199.810AC	5.380AC	PE	5.822AC	A=143.381AC B= 43.489AC	
	5 A		G+F	540	25	10+11+1	.2			PE	1.738AC		*
	58 5C		G+F	547	1	11				TB	0.037AC		
	6	LANE, NOEL ET UX.	F	22 25	24 36	12 12+13		112.000AC	1.556AC	TE PE	0.087AC	A=107.844AC	
	6A		F .	42	49	13				PE	0.744AC		
	7	HOLTEGEL, HAROLD ET UX	F	25	50	12+13		120.050AC	1.771AC	° PE	5.250AC	A=113.029A°C	*
	7A		.	40	44	13				TE	0.239AC		
	78		F	47		13					0.073AC		
	8 8A	GARRETT, LEWIS ET UX.	F	50 50	53 51	14		46,604SF	8,967SF		7,722SF	A= 29,915SF	•
	9	BURDETT OTHA ET UX.	F	53	54			16•225SF	2,700SF			A= 11,573SF	
	10	MASSEY, ERNEST ET UX.	F	54	55	14		8 • 040SF	1,350SF	PE	1.080SF	A= 5.610SF	
	11	BLUHME, MILDRED V.	r i	54	55	14		7•990SF	1•350SF	PE	1,183SF	A= 5,457SF	•
REV. 8-23-65~M.W.MYERS	12	BLUHME, HERMAN ET UX.	F	55	56	14		15,835SF	2,7005F			A= 10.377SF	
	13 14	ASHCRAFT, EVERETT ET U		56 57	57 58	14		15,645SF 7,753SF	2,700SF			A= 9,550SF A= 4,425SF	
	15	INGERSOLL MARY) F	57	59	14	. 2	15,039SF	2,480SF	PE		A= 5,403SF	
	16	ELIMINATED 05/05/65								•			
	17	CRESCENT HOLDING CORP.	F	48	49	13		63.628AC		PE	0.088AC	A= 63.540AC	
	18	RANSOM. CHESTER ET UX.	Maria de la composición del composición de la composición del composición de la composición del composición de la composición de la composición del compos	58	70	14+15		09.800AC	1.005AC	PE		A= 06.636AC	*
	18A 18B		HAZ J H	59 61	60 62	14				ТВ	0.097AC		
	19 19A	MATHIAS. HUBERT ET UX.	4	49	55	14+15		61.992AC	1.072AC	PΕ	2.948AC	A= 57.972AC	
REV. 9/21/1965 A.I. MICKSON REV. 7-29-65 J.D.	The second second	BERNER: CHARLES ET UX.	H	62 65	<i>63</i> 89	14 15+16		86.420 Ac.	1.653AC	PE	8.74/AC		2 *
	20A		\ н	72	74	15				тв	0.080AC	B= 1.592AC	
	21	VANDEVER CHARLES W.		87	94	16		186.000AC	0.558AC	PE	0.803AC	A=184.626AC	
	21A		н	94	95	16				PE	0.013AC		
	22	PEGEE ANNA	H	87	90	16		335.080AC	1•619AC	PE	0.103AC	A=333.358AC	
	23	LAAKER CLIFFORD ET UX		90	120	16+17+1	.8	126.730AC	4•487AC	PE	6.996 6.913 AC	A= 56.812 AC B= 55.553 AC 55.456	***************************************
	23A		F	102	120	17+18				PE	2.994 2.985AC		
Rav. 7/23/1965 A.J. HICKSON	23B 23C 23D	Dip A temps	F H	112 98 104 119	114 99 105 127	18		20.000		TE TE TE	0.115AC	0.582	*
	(24	RUB, CLIFFORD ET UX.		119	1.27	18#19		20.000AC	1.538AC	WD	1.443	A= 1.148 AC B= 14.885AC 15.455	*
REV. 8/11/G5 P.N.KOEPPER	24A		Ē	120	127	18+19				₩D	0.982 0.969		
	245	ELIMINATED 8/11/65	*	122 120	124 121	18				₽₩	0.091AC		
REV. 1-4.66 , M.W. MYERS	246 24 D 25	ARN, PAUL STOOPS - WALTER	F	120 126	120 128	18 1 8 19		121.000AC	1.230AC	TE PE	0.006AC	A=119.737AC	
	26	FAHRENKAMP+ FRED ET UX	•	123	126	19		76 • 360AC		PE	0.363AC	A= 75.997AG	
	26 A			123	126	18419				PV	0•224AĆ		
	27	BANES. ROBERT ET UX.	F	126	138		en e	41 6970AC	1.962AC	. :		A= 35.246AC	*
	27A 28	RUMP, EVERETT ET UX.	F	132 137	*	19 19+20	* · · · · · · · · · · · · · · · · · · ·	68 à 626AC	1.162AC	TE PE	0.165AC 3.042AC	A= 7.103AG	
		A STATE OF THE STA	**************************************					UU TUZUNU.	a-suanu			B= 56.537AG	
	28A	Chimme I was a series	Ħ	142	149	20		٠. • • • • • • • • • • • • • • • • • • •	ا از	PE	0.782AC	A 200	
	29 30	SNEED. JERRY ET UX.	F F	140	141 143	20 20		6 • 300AC	0.587AC		in a second.	A= 5.710AG A= 2.550AG	
	31	COMBS LEHMAN ET UX	F	149	160	20+21		110.665AC	1.174AC	ega,	2.162AG	A= 80.515AG	*
	31A			149	157	20+21				PΕ	1.205AG	B= 25.609AG	
	81B			156	157	21				TB	0.083AC		
	32	LAAKER; FRANCIS ET UX.		159	161	21		4•240AC	0•167AC			Å= 3•751AC	

ROAD US-50 COUNTY-DEARBORN+RIPLEY PROJECT F-153(7)

LAA CODE 0467 DATE 07/22/65

IND. 153(7)

PARCEL LISTING FOR LAND ACQUISITION

INDIANA STATE HIGHWAY COMMISSION

CENTER FROM TO PLAN BRIDGE TOTAL PARCEL R/W NATURE LAND AREA EXÍSTING OF TO BE TITLE ACQUIRED NUMBER LINE APPROX APPROX SHEET AREA STA. STA. PARCEL 33 ON PROJECT F-153(7) AND PARCEL / ON PROJECT F-153(9) COVER THE SAME LAND, WITH ACQUISITION THEREOF ENTIRELY UNDER SAID PROJECT F-153(7) 157 177 21+22 223.350AC 3.777AC FS 1.398AC A=182.434AC B= 32.182AC 33A 161 178 21+22 FS 3.559AC 33B 166 167 21 TB 0.174AC

LIST OF EXCESS LANDS TO BE ACQUIRED

AND A SEGREGATION BY PROJECTS OF RIGHT OF WAY AREAS AND EXCESS

LAND AREAS LYING IN TWO OR MORE PROJECTS

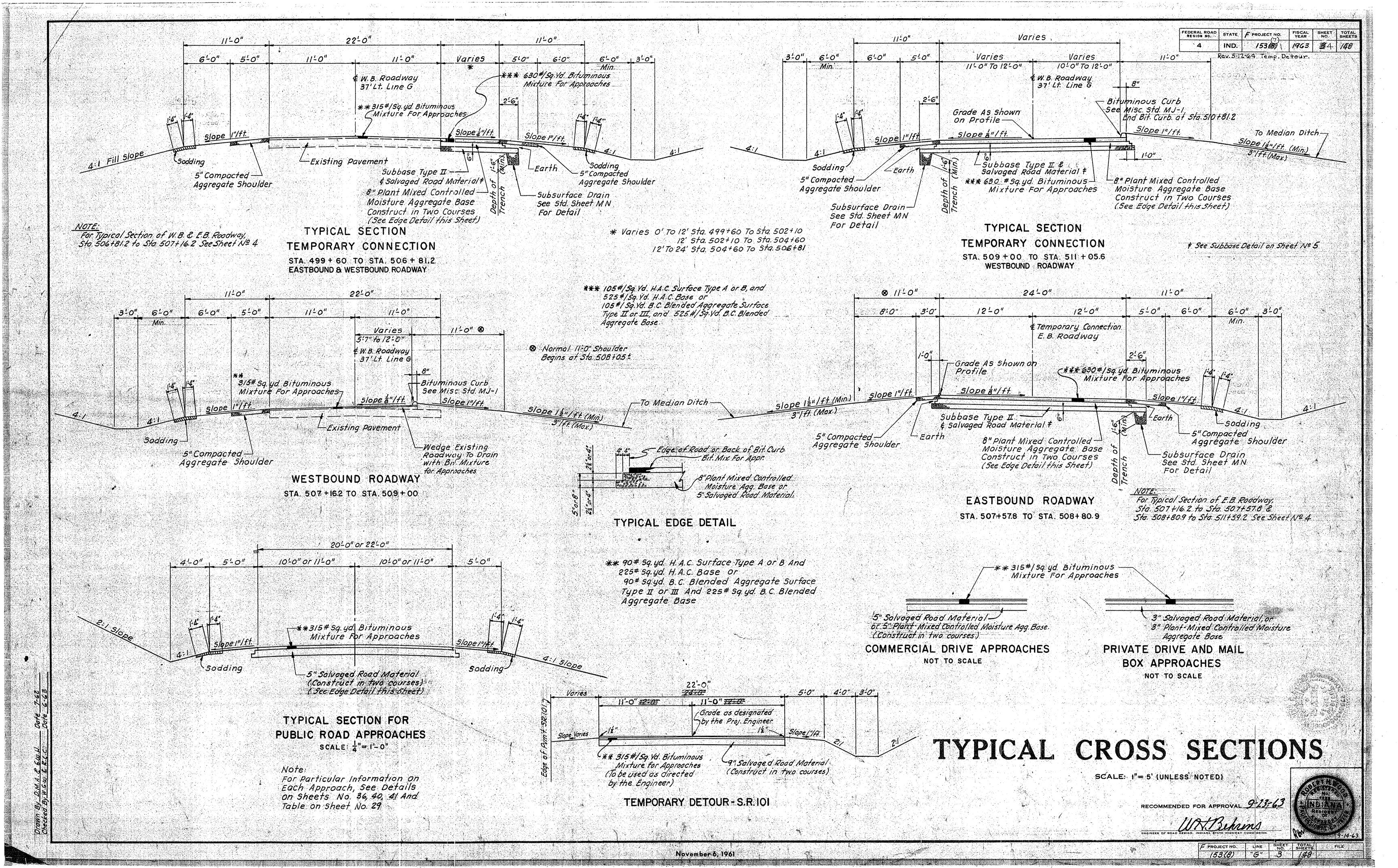
PARCEL TYPE OF LAND TO BE PROJECT PROJECT PROJECT NUMERAL TAKING ACQUIRED F-153(7) F-153(9)

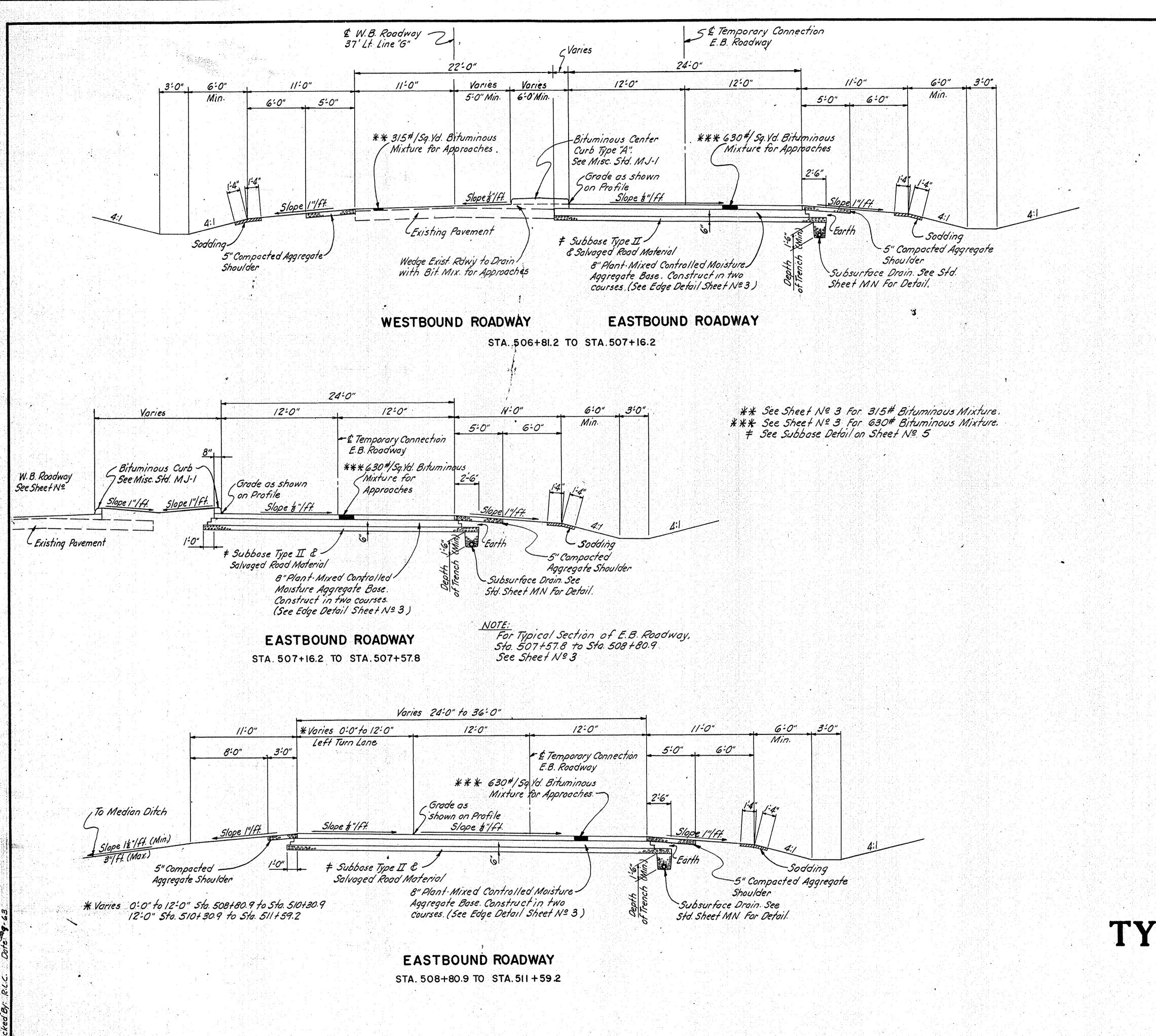
33 FS 4.957AC 1.130AC 3.827AC

* (ASTERISK) IN THE BRIDGE COLUMN INDICATES THE PARCEL IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF A BRIDGE PROJECT.

* (ASTERISK) IN THE BLOG. COLUMN INDICATES A BUILDING IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF THE R/W REQUIRED.

FS=FEE SIMPLE TITLE
LA=LIMITED ACCESS R/W
PE=PERMANENT R/W
TE=TEMPORARY R/W
TB=TEMPORARY R/W FOR BUILDING REMOVAL ONLY
PV=PROVISIONAL R/W
QD=QUITCLAIM DEED
WD=WARRANTY DEED





FEDERAL ROAD STATE F PROJECT NO. FISCAL SHEET TOTAL SHEETS

4 IND. /53(8) /963 / 148

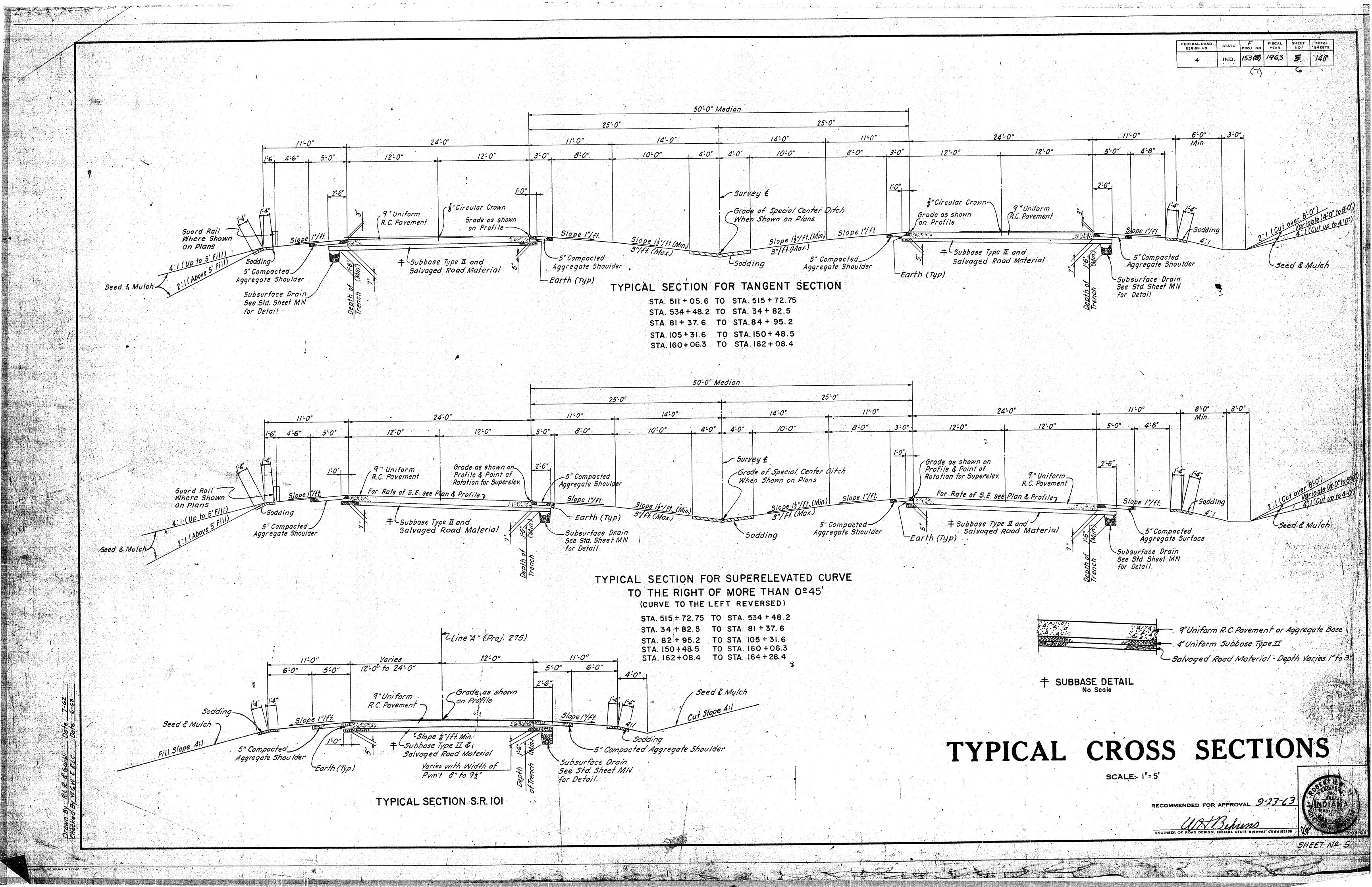
TYPICAL CROSS SECTIONS

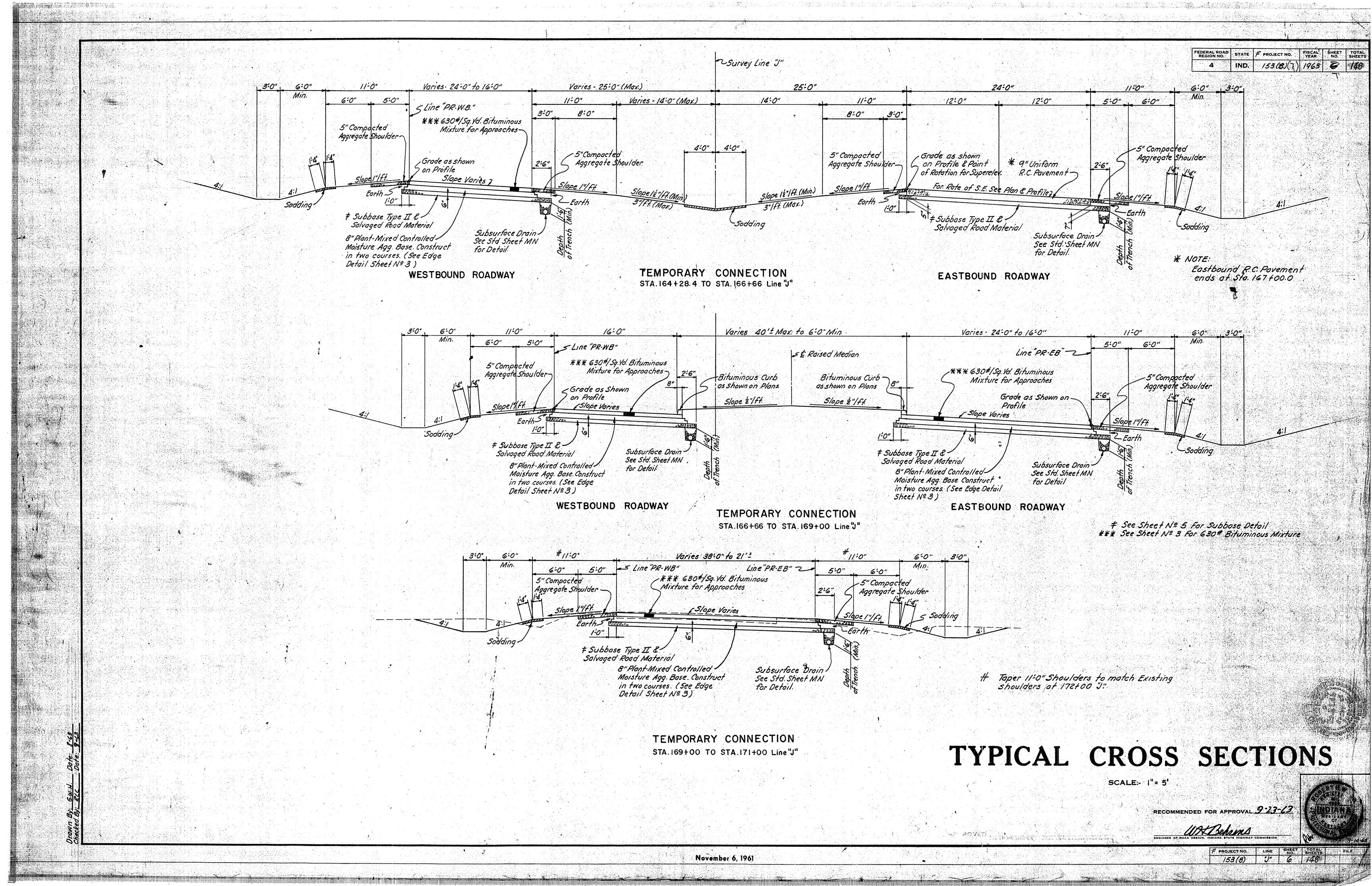
SCALE:- I" = 5"

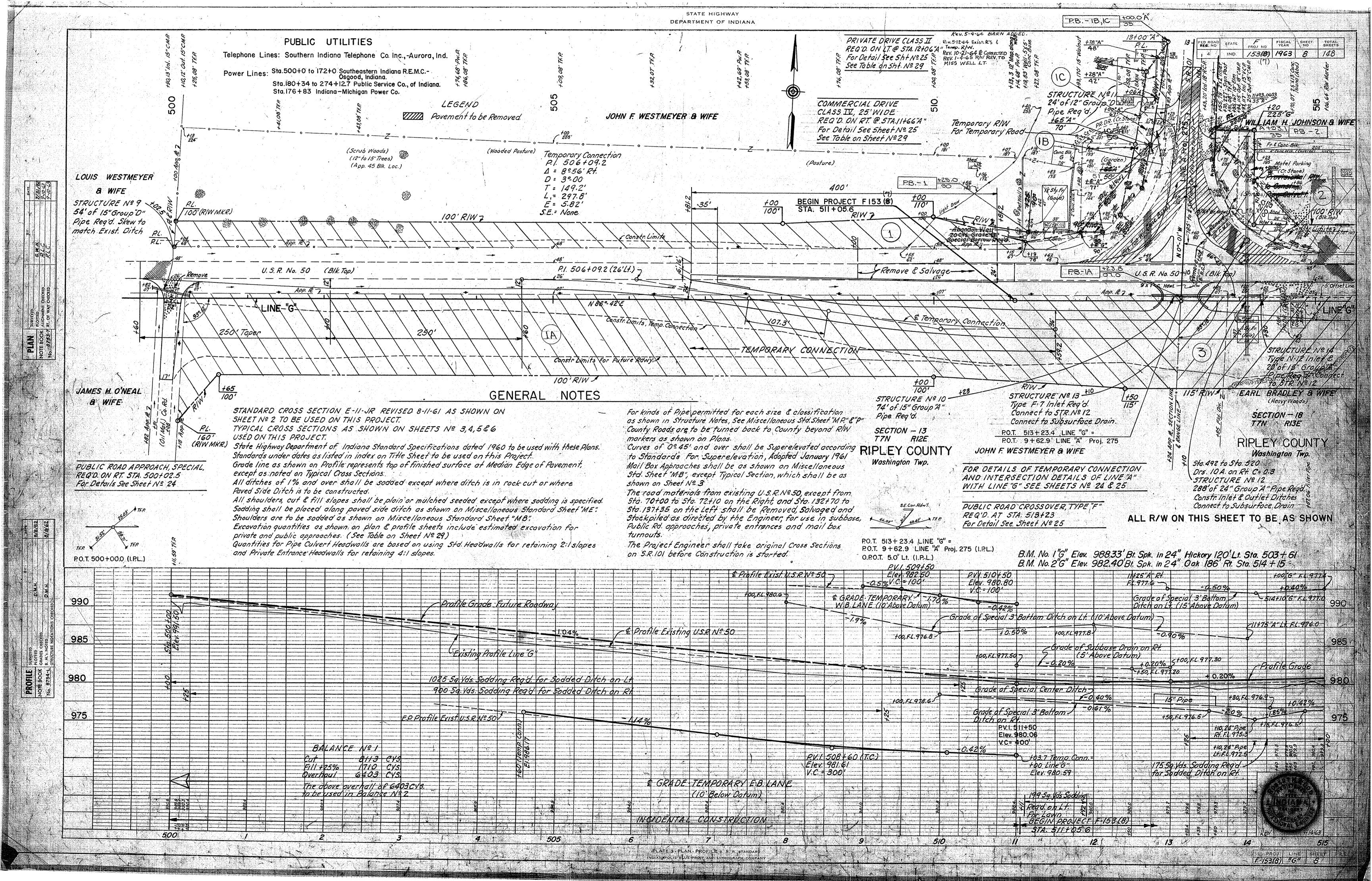
SUBMITTED FOR APPROVAL 9-23-63

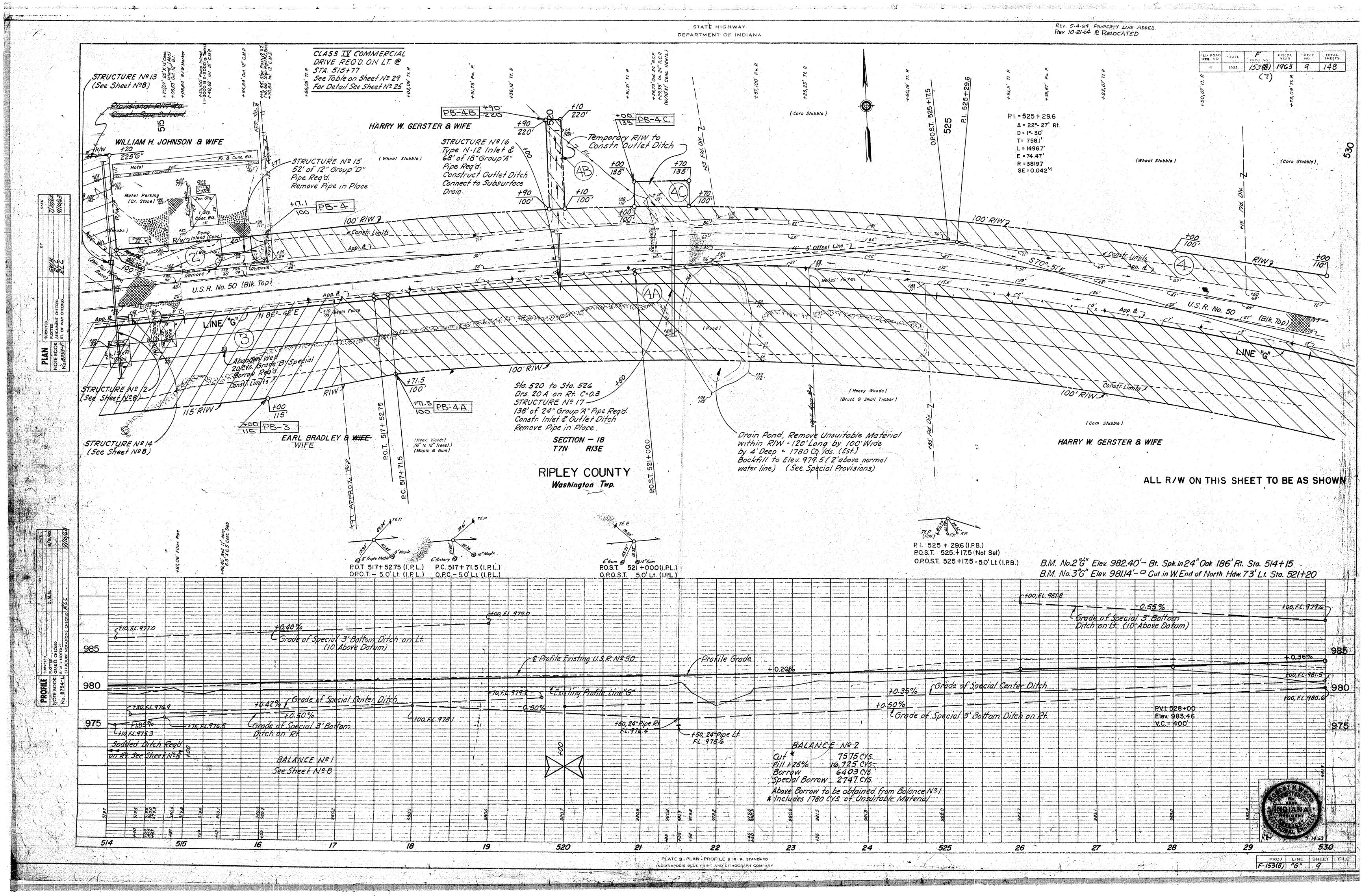
EER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION.

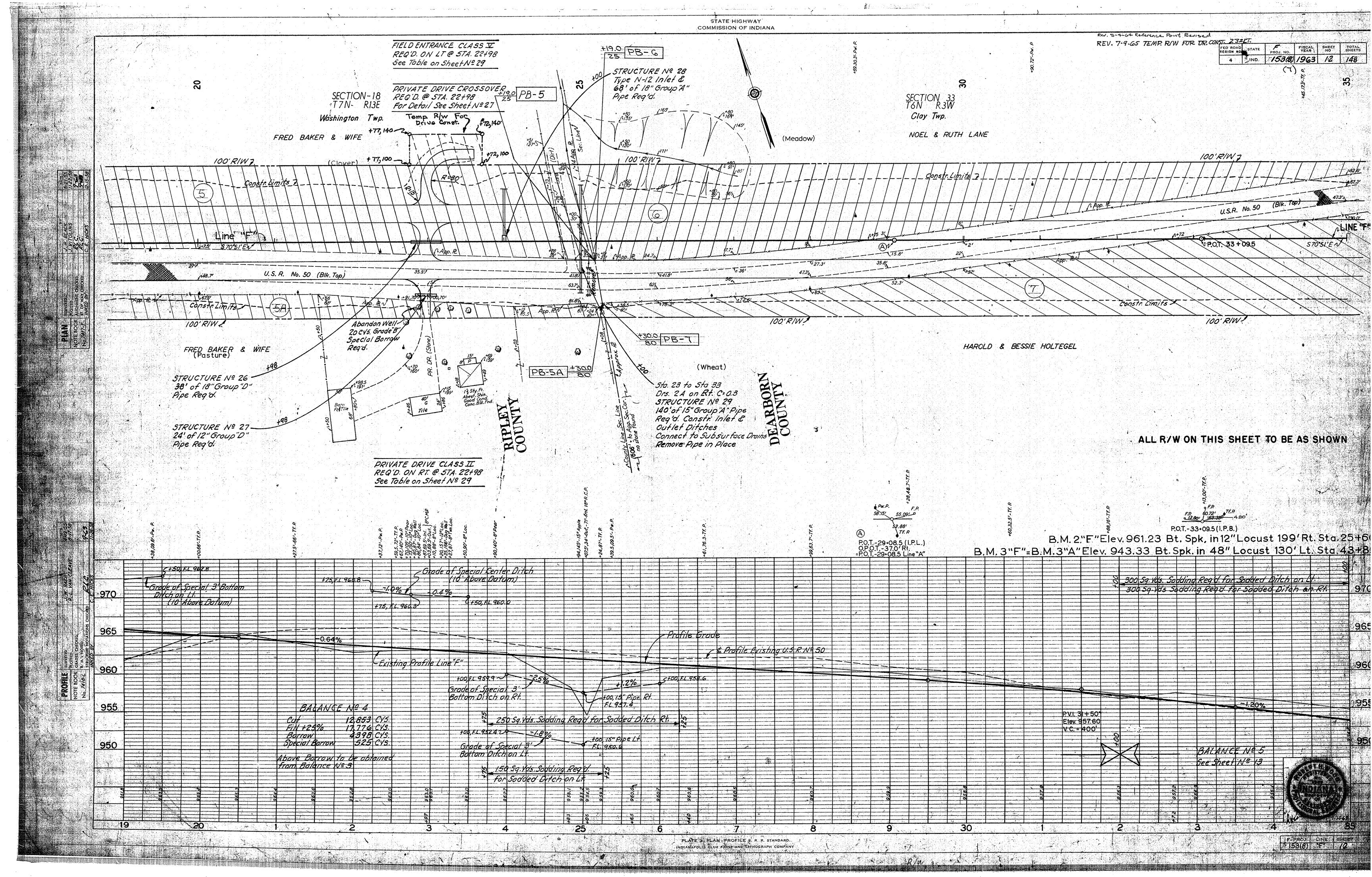
PROJECT NO: LINE SHEET TOTAL NO: SHEETS

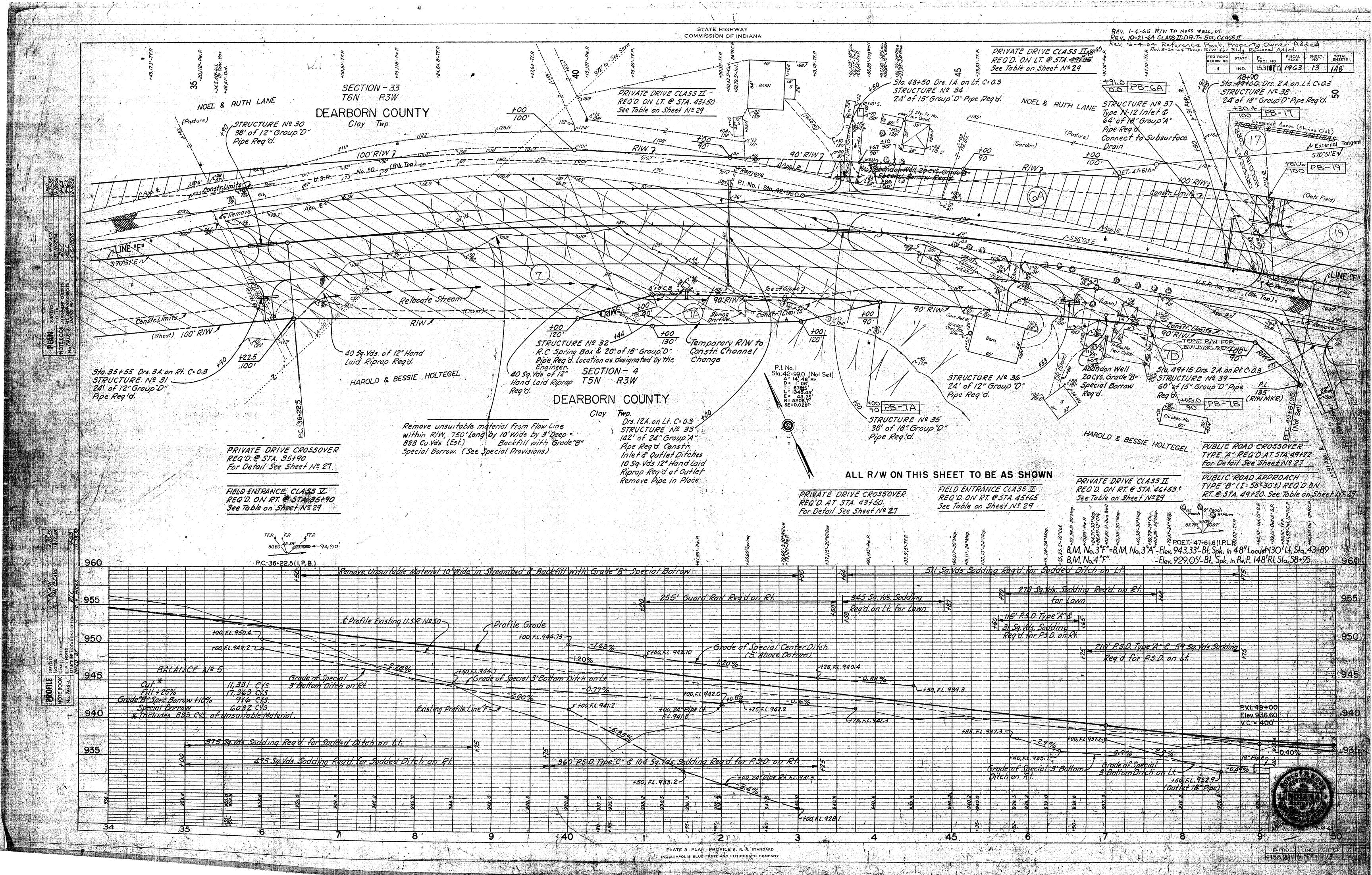


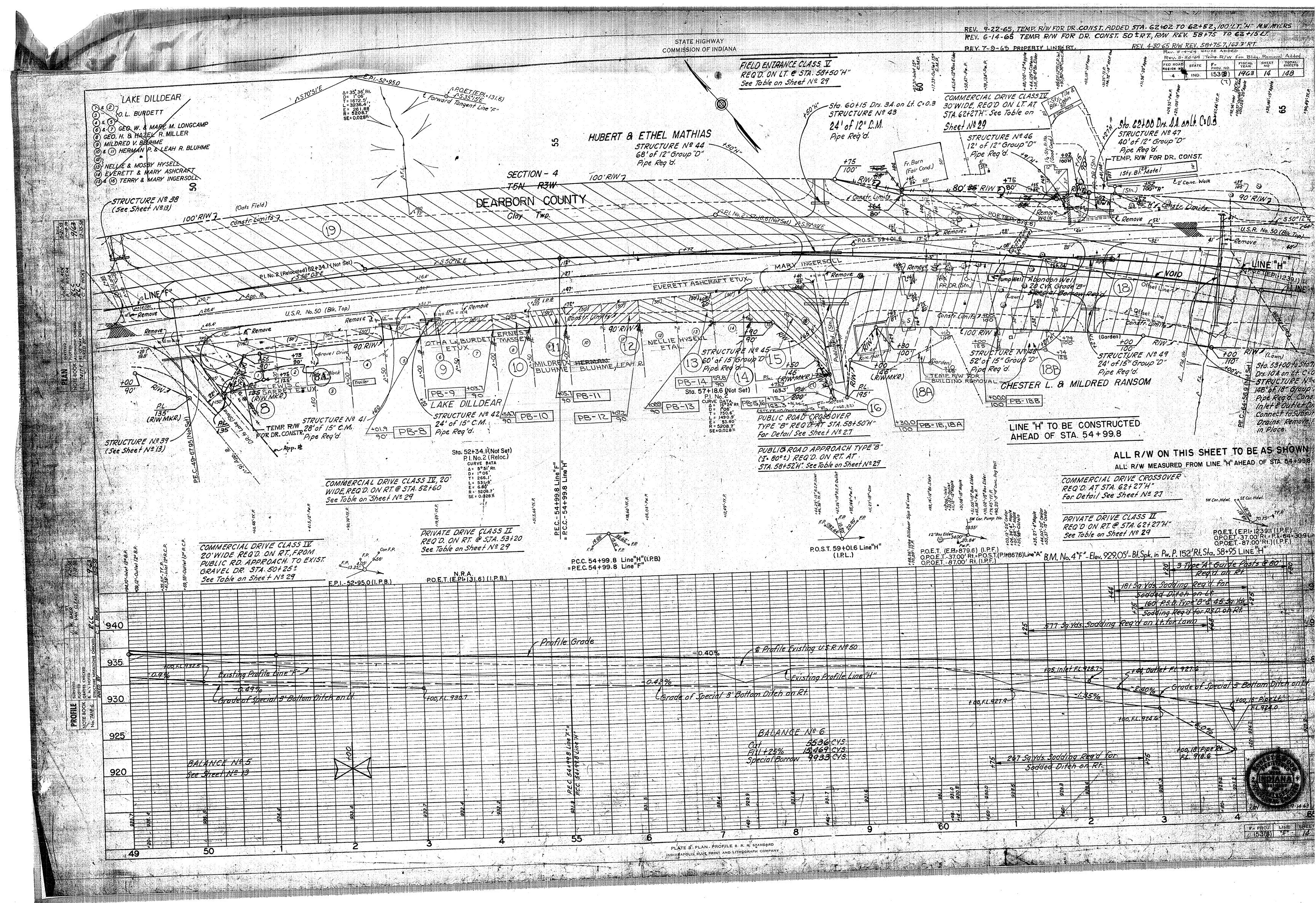


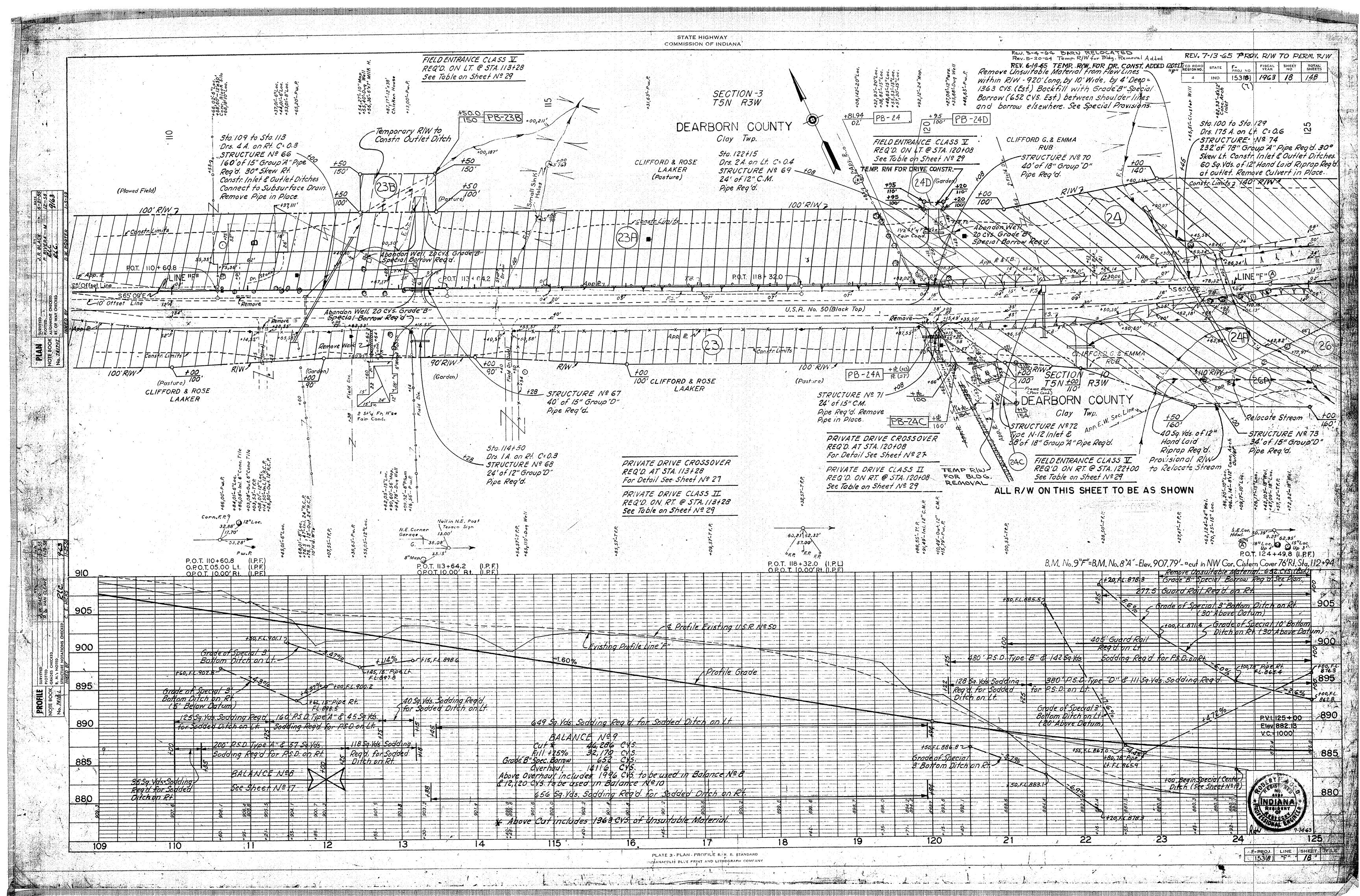


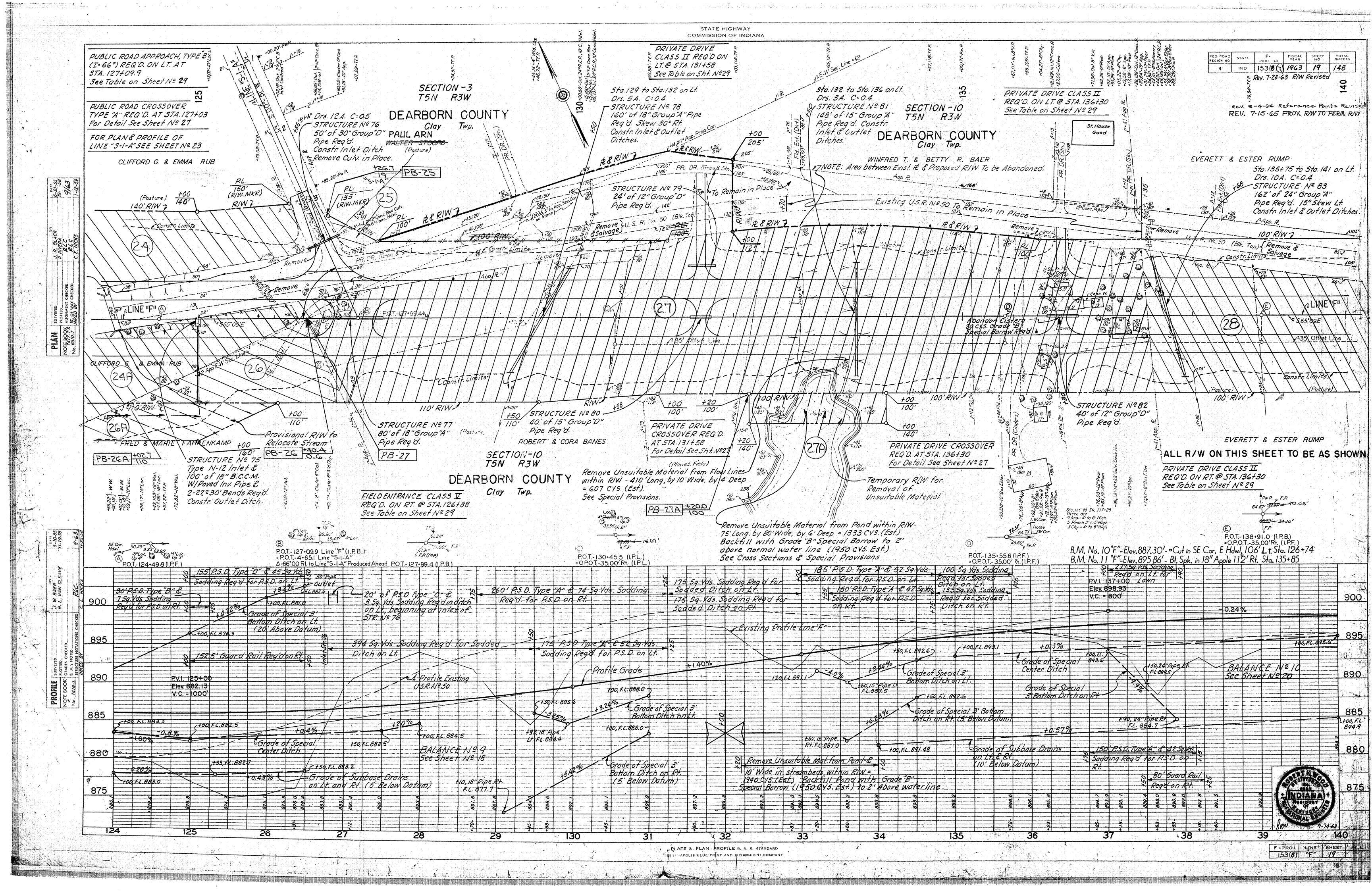


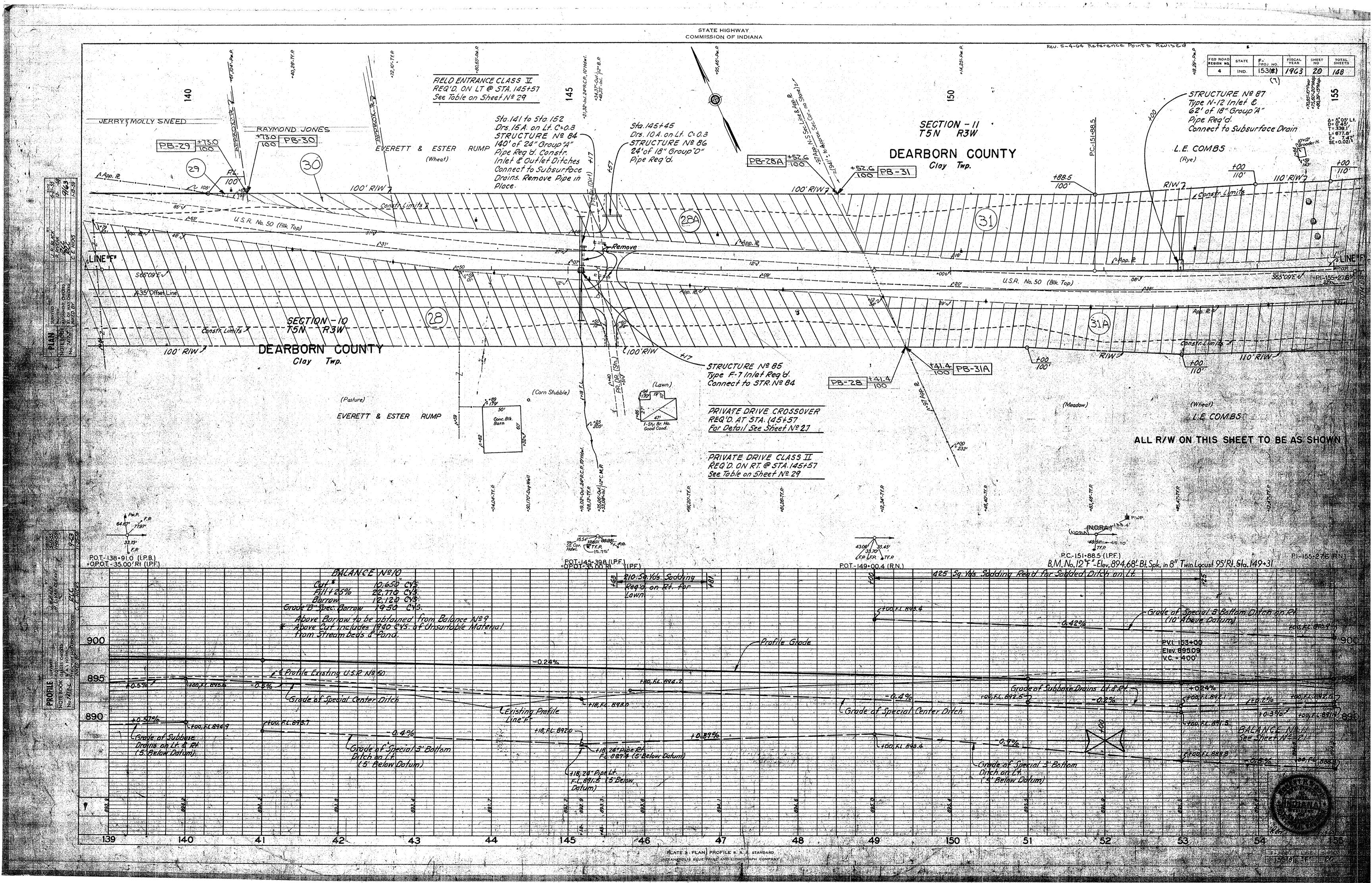


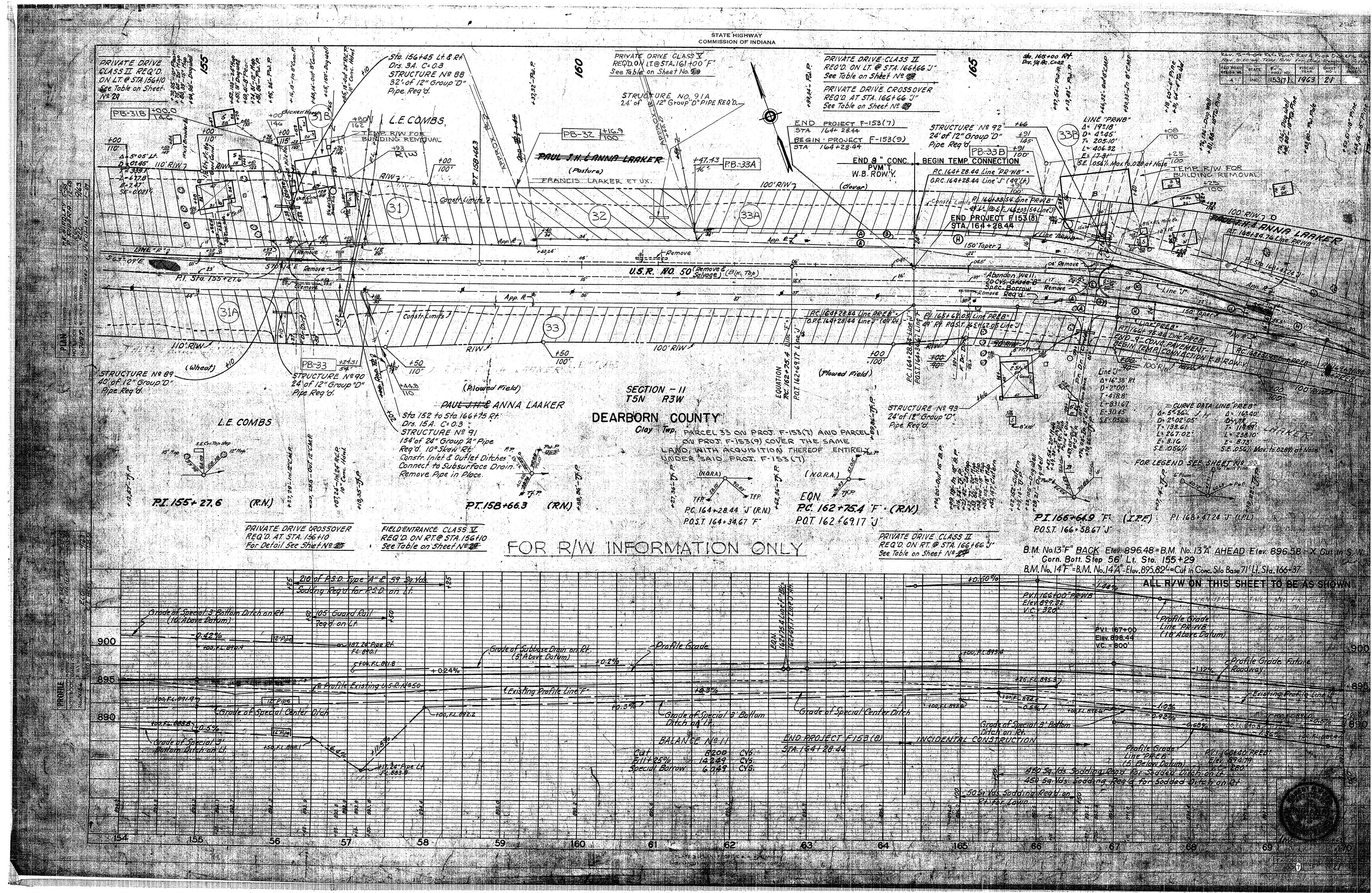


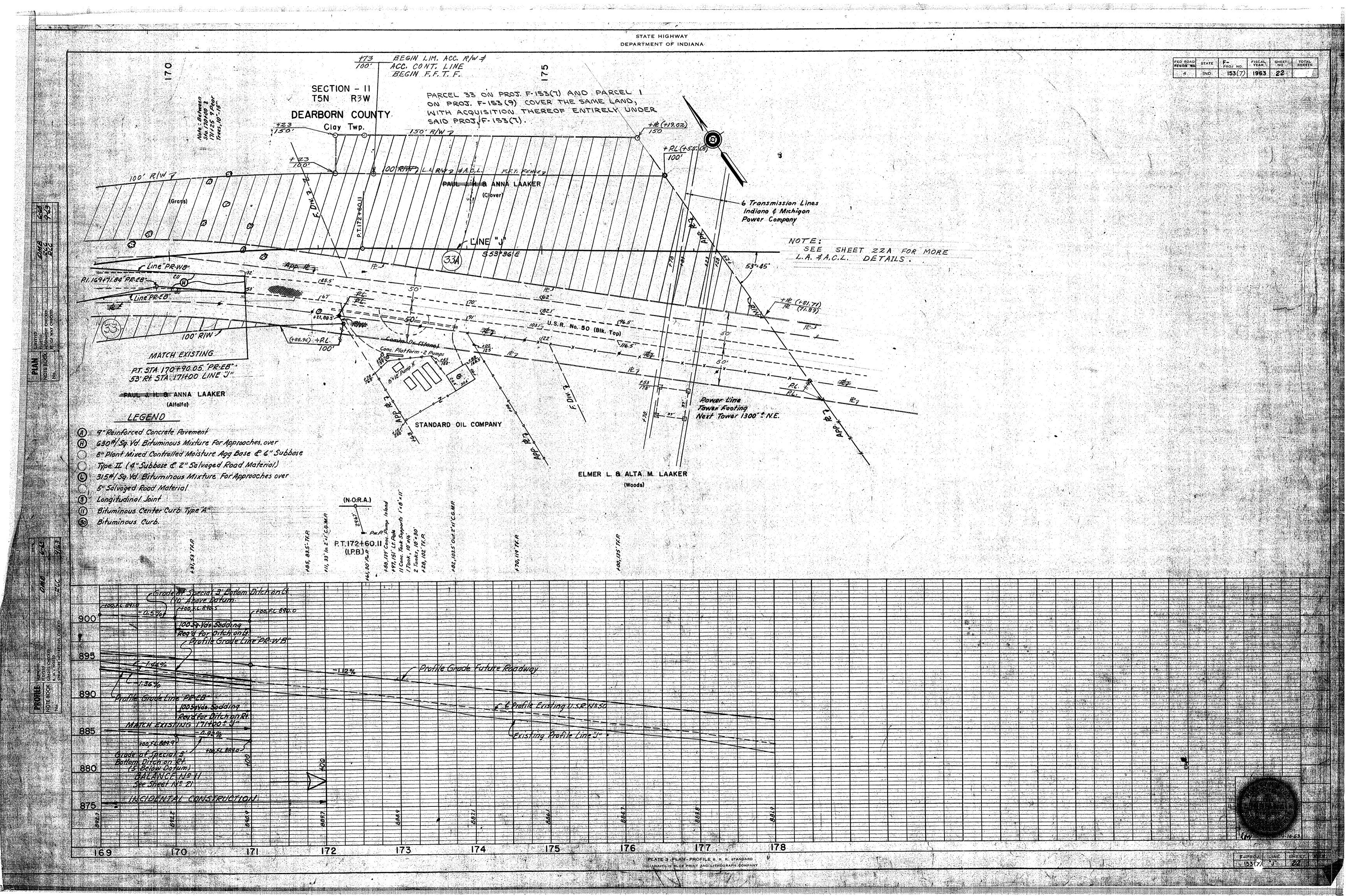


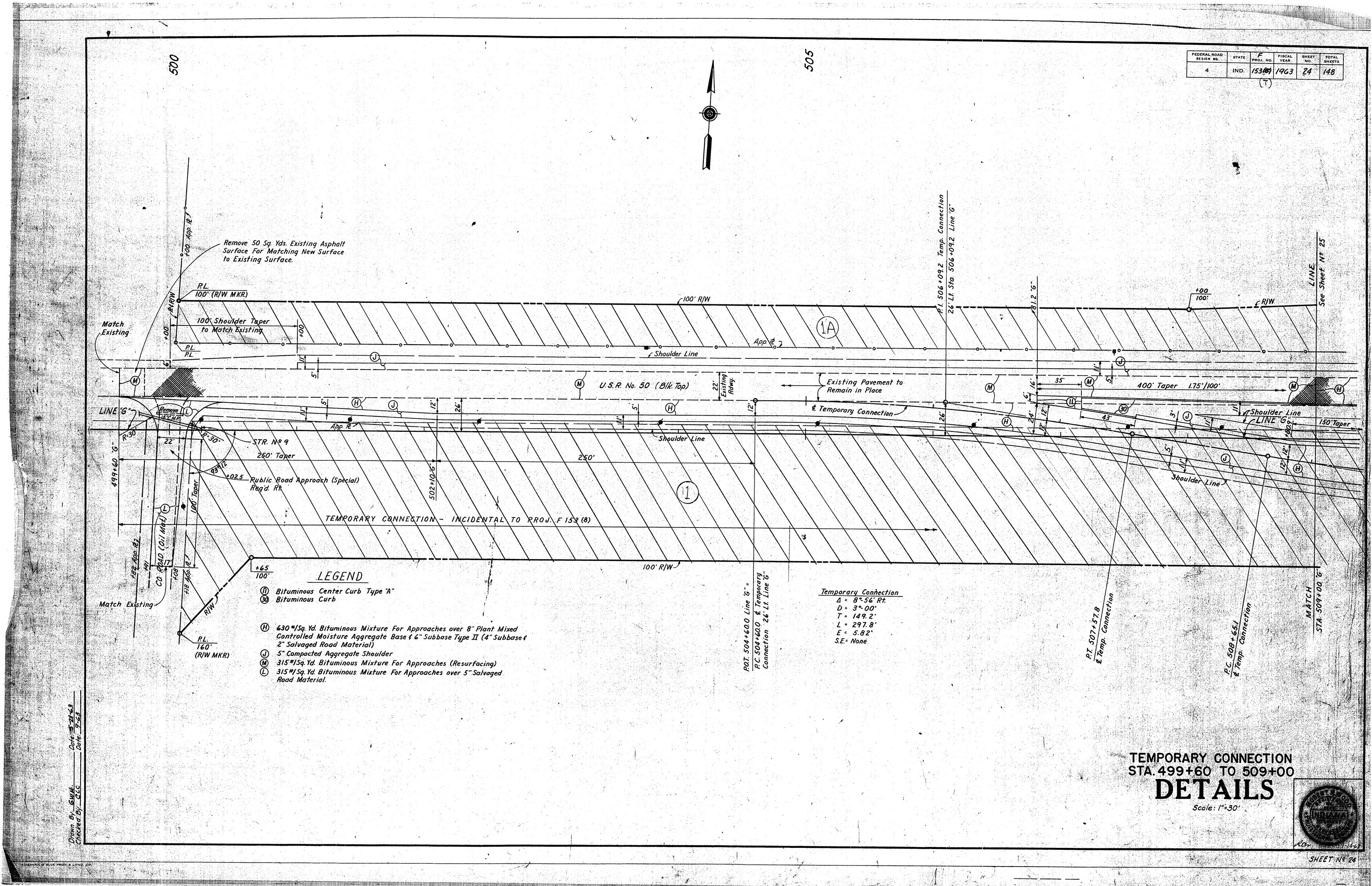


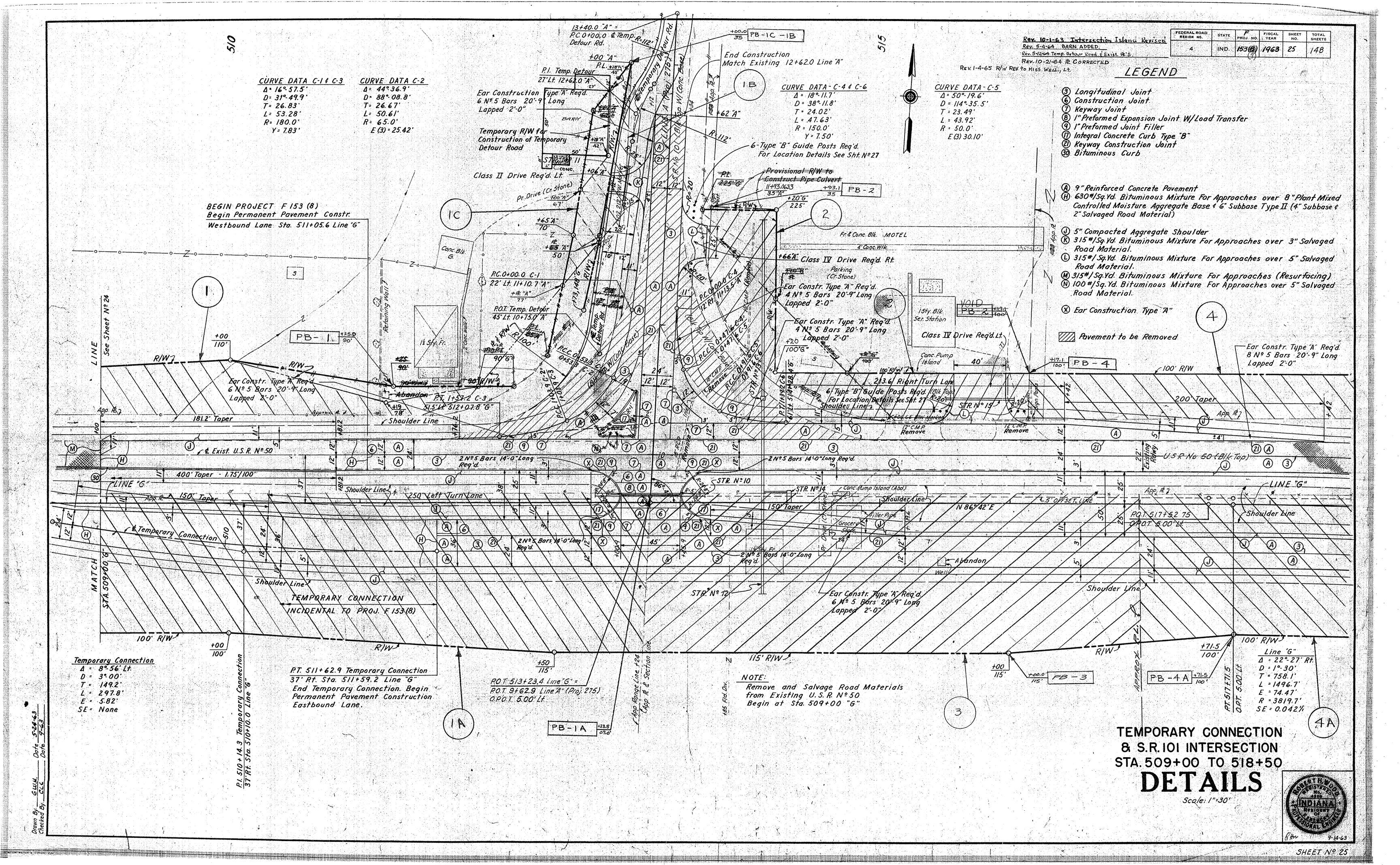


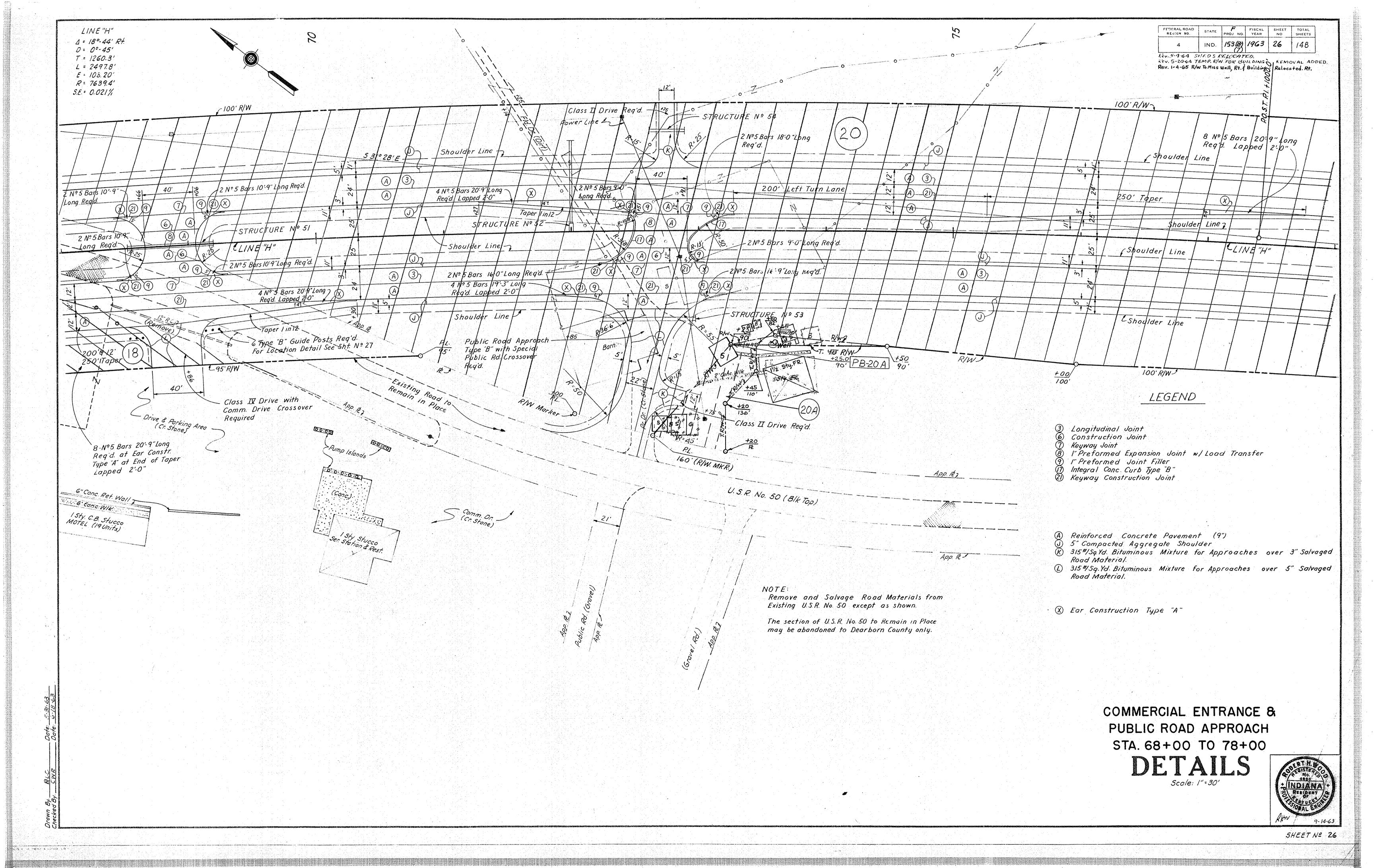


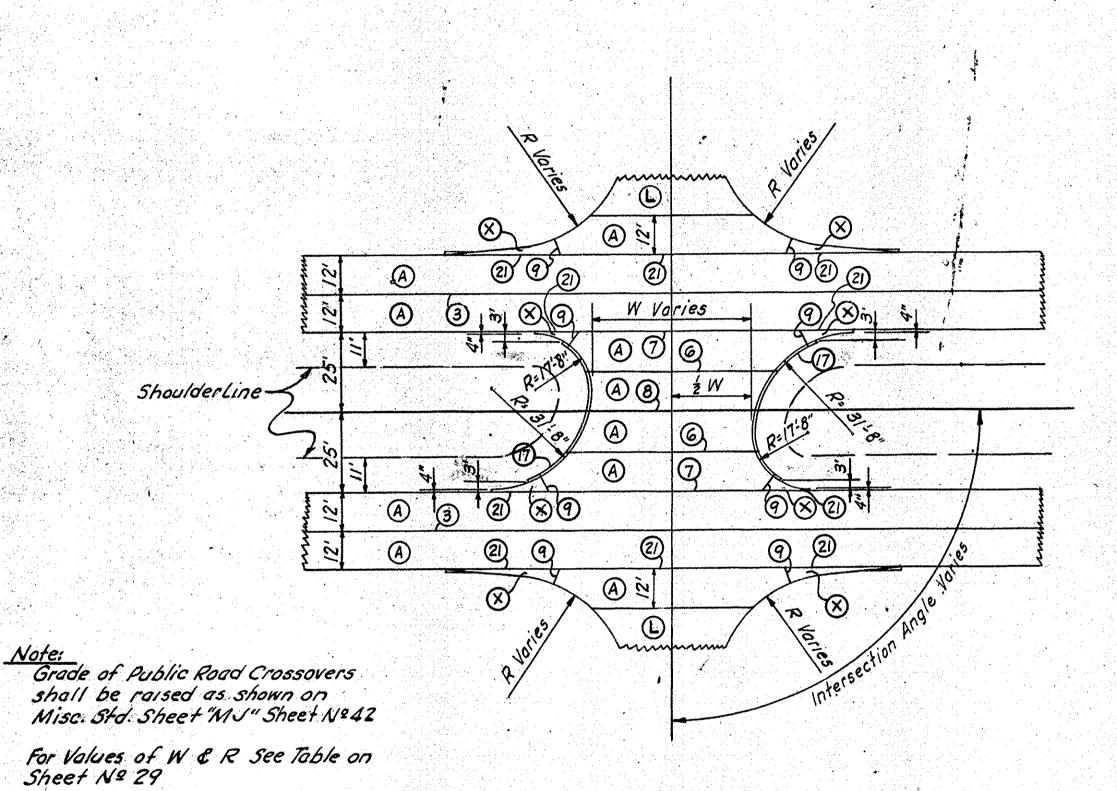












DETAIL OF TYPICAL
PUBLIC ROAD CROSSOVER
Scale: 1"= 30'

LEGEND

Longitudinal Joint.
Construction Joint.
Keyway Jaint.
I" Preformed Expansion Joint W/Load Transfer
I" Preformed Joint Filler.
Integral Concrete Curb, Type "B"
Keyway Construction Joint.

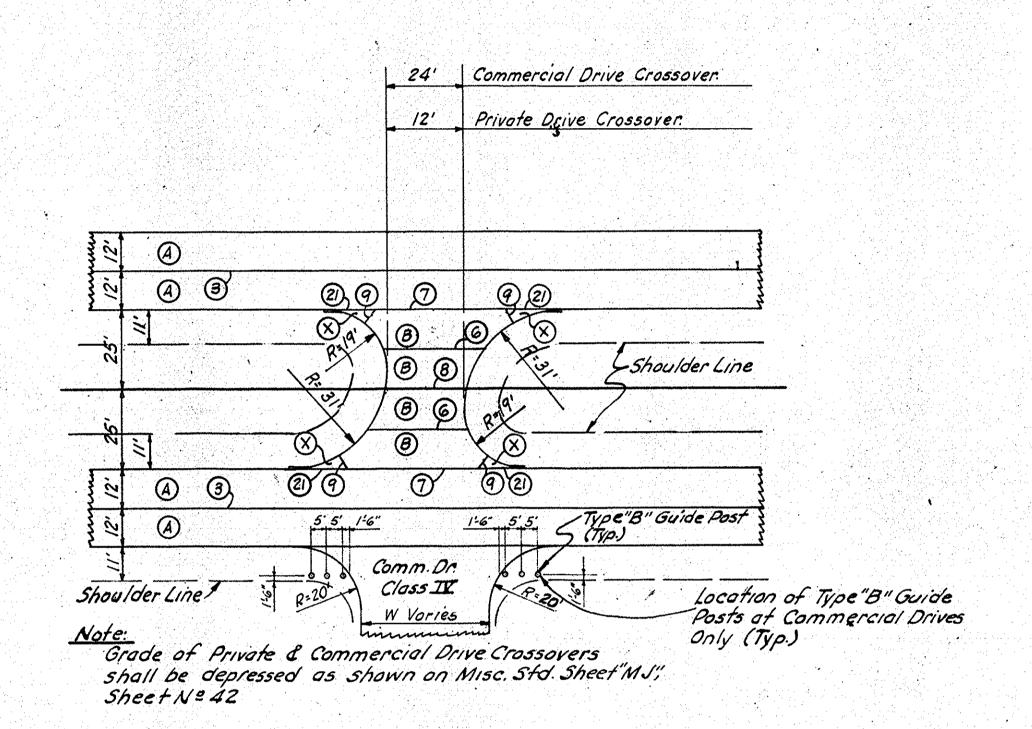
A 9" Reinforced Concrete Pavement:

(B) 6" Plain Concrete Pavement for Private & Commercial Drive Crossover:

(L) 315#/Sq.Vd. Bituminous Mixture For Approaches over 5" Salvaged

Road Material.

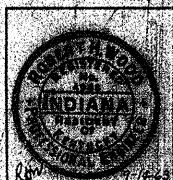
& Ear Construction, Type "A"



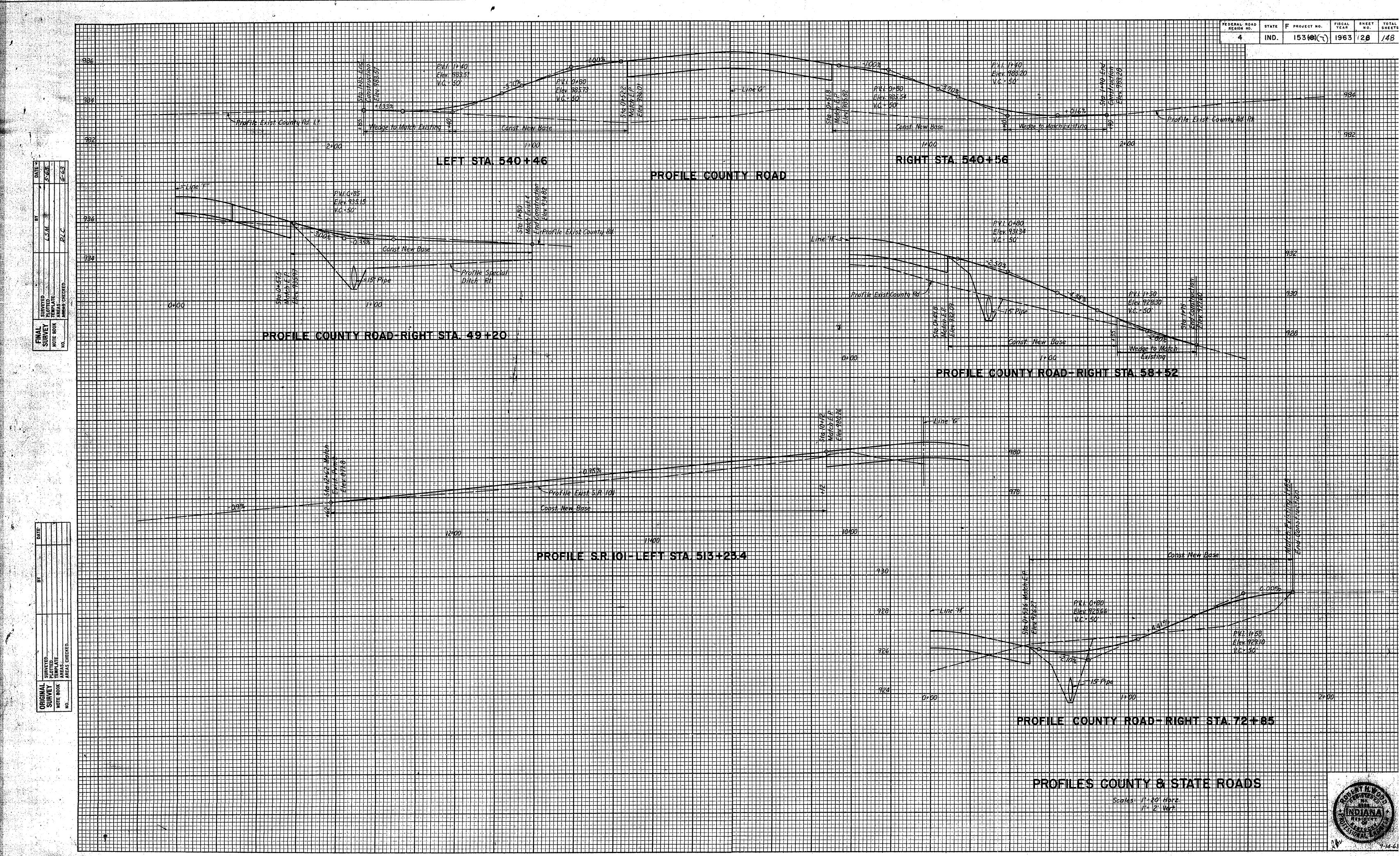
DETAIL OF TYPICAL
PRIVATE & COMMERCIAL DRIVE CROSSOVER

PUBLIC ROAD, PRIVATE AND COMMERCIAL DRIVE_CROSSOVERS

DETAILS



SHEET Nº

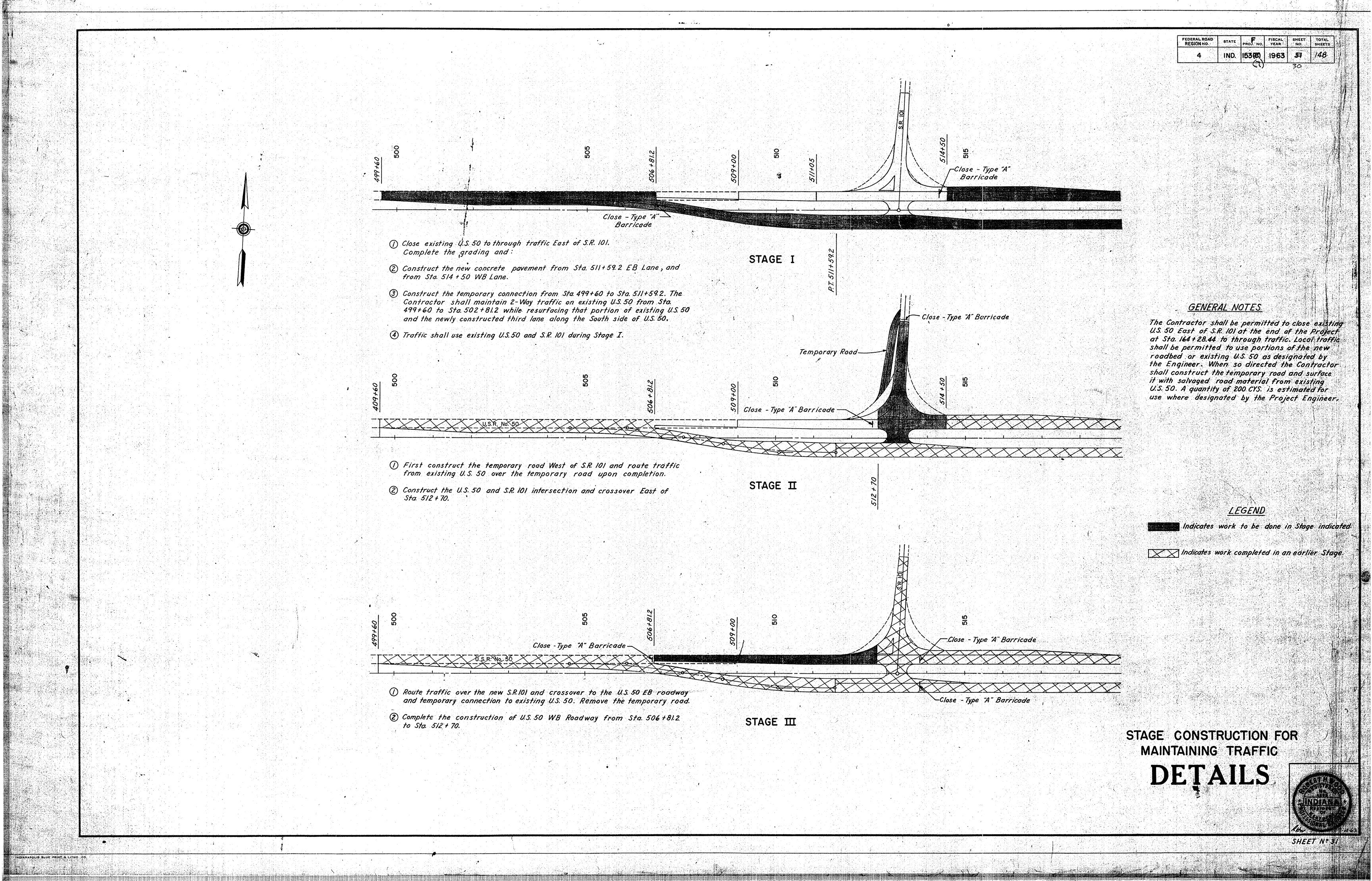


Ç,	10.71	1. 1. 1. 1. L				2			3. h. 3.	Sec. 3.3.	
4	FEC	ERAL	ROAD	14 V	78	F		FISCAL YEAR	SH	EET	TOTAL
1	Я	EGION	NO.	100	€7 5	PROJ.	NO:	YEAR	. N	0	SHEET
1	\$40.7% \$40.7%			100 mg		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4-1	mi			
1		4		IN	D.	153	(8)	1963	55	5 7	148
. [* 1								1	

	SU	BBASE	DRAII	V P	IPE	TABLE
LOCATION	6" GROUP PIP	"K" OUTLE	6" B.C.C.M. PIPE		SODDING SQ.YDS.	
500+50 (Temp. Conn.) to 514+32"G				1	2	/- Tee
509+00 to 512+66 "G" 51				/	2	1-90° Bend.
5/4+32 to 52/+0 "G" 5/				<u> </u>		2-45° Bends. Outlet thru Hdw'l. of Str. Nº 12
514+30 to 517+00 "G" 51+ 516+20 to 520+20 "G" 23				 	2	1-45° Bend Outlet to Str. Nº 13
520+20 to 525+00 G" 23				-	_	2-45° Bends. Outlet to Str. Nº 16
521+00 to 528+00 "G" 5				1	2	1-45° Bend.
525+00 to 534+00 G" 23				1	2	1-45° Bend.
528+00 to 531+78 "G" 51	'Rt: 370	8' 528+15	Rt. 22'	/	2	1-45° Bend
531+78 to 537+00 "G" 5				_	-	2.45° Bends. Outlet thru. Hdw'l. of Str. Nº18
534+00 to 537+00 "G" 51				/	2	1-45° Bend.
537+00 to 539+76 "G" 5					-	1- Tee Outlet thru How 1 of Str. Nº 20
537+00 to 540+30 6" 5, 540+70" 5	1'Rt 330 1'Lt 768			-	2	1-166 007167 7114. 110W 1 07 377. 14-20
	1'Rt. 686		Rt. 22'		2	1-45° Bend.
	1Rt 710			-	-	2-45° Bends. Outlet thru. Hdw'l. of Str. Nº 25
	1/Lt. 724			-	_	2-45° Bends. Outlet thru. Hdw'l. of Str. Nº 25
17+44 to 24+76 "F" 5	51'Lt. 732		Lt. 34'			2-45° Bends. Outlet thru Hdw'l of Str. Nº 29
	1/Rt. 154			-		2-45° Bends. Outlet thru. Hdwil. of Str. Nº 29
<u> </u>	1'Rf 1132			/	2	1-45° Bend.
	51'Lt. 1224			 	2	1-45° Bend
	13'Lt. 700 51'Rt. 68'			/,	2	1-45° Bend. -45° Bend.
	3'11. 734			-	-	2.45° Bends. Outlet to Str. Nº 37
	1'Rt. 750			17	2	1-45 ° Bend.
The state of the s	3'Lt. 416			1	2	1-45° Bend.
	51'R4. 750	0' <i>58+15</i>	Rt. 22'	1	2	1-45° Bend.
	?3'[+. 1104			-	-	2-45° Bends. Outlet thru Hdwil. of Str. Nº 50
	51'Rt. 47			-	-	2-45° Bends. Outlet thru. Hdwil. of Str. Nº 50
	+ Rt 452				2	1-45 Bend.
	23'Lt 886 51'Rt 286				2	1-Tee, 2-45° Bends. Outlet to Str. Nº 52
	3'Lt. 844			+ 7	2	1-45° Bend
	1'Rt. 990			1 /	2	1-Tee
	51'Lt. 113Z			1	2	1-45° Bend.
83+00 to 91+00 "H" 2	3'R1 800			/	2	1-45° Bend.
	3'Rt. 628			1	2	1-45° Bend.
	1'Lt. 800				2	1-45° Bend.
	51'Lt: 480				-	2-45° Bends. Outlet thru. How'l. of Str. Nº65
	13'Rt 72'			-	2	1-45° Bend. 2-45° Bends. Outlet thru. Hdwl. of Str. Nº 66
	1'Rt. 690 51'Lt. 588			1 7 .	2	1-45° Bend.
	1'Rt. 910			1	2	1-45° Bend
	51 Lt. 900					1-45° Bend.
	51'Rt. 866			/	•2	1-Tee
121+00 to 130+16 "F" 5				1	2	1-Tee
	51'4. 38			/	2	1-45° Bend.
129116 to 134100 "F" 5				1 /	2	1-45° Bend
134+00 to 140+00 "F" 5				//	2	1-45° Bend
134+00 to 140+00 "F" 5				-	2	1-45° Bend. 2-45° Bends. Outlet thru. Hdw'l. of Str. Nº 84
	1'Rt 498				_	2-45 Bends. Qutlet thru. Hdw'l. of Str. Nº 84
	5/'Lt. 554			1	2	1-45° Bend.
	758 758			/	2	1.45° Bend.
150+50 to 160+00"F" 2	3'Rt 950	153100		.,	2	1-Tee.
	11Lt. 698				-	1-Tee. Outlet thru. How'l. of Str. Nº 87
157+42 to 163+00 F"				_	-	2-45° Bends: Outlet thru. Hdw'l. of Str. Nº 91
157+06"F" to 165+00"J" 3					-	2.45° Bends. Outlet thru. Hdw'l. of Str. Nº 91
162+18 "F" to 165+00 "J" 2				1	2	1-45° Bend
165+00"J" to 170+00 "J" Rt" P			 	+ ;	2	1-45° Bend. 1-45° Bend.
10+40 to 12+62 "A"	Rt. 220			1	2	1-45° Bend.
				1	2	1-45° Bend.
10+30 to 12+62 "A"	Lt. 24	6 1 1 0 1 1 C	6/ 1 / T	•		

* Includes allowonce for 72 Bends @ 2' & 9 Tees @ 5'

SUBBASE DRAINAGE TABLE



STRUCTURE DATA

		RESIDN NO. STATE PROJECT NO. FISCAL SHEET CASE A IND. 153(8) (-1) 1963 32 188
SIZE STEEL COVER CONCRETE SON STREET NO. STREET CON STREET NO. STR	SKEW COVER COVER STEEL S	REMARKS
	31 35+90Rt 12" Group"D" Pipe 24' 1 949.5 949.2 0.58 - Line "F" 2-Pri. Ent. Hdw'/s.	
		ield: Construct Outlet Ditch. 13 10 Sq:Yds 12" Hand Loid Riprap at 13 18 Pipe in Place
9 500f00Rf 15" Group "D" Pipe 54' 989.3 988.8 0.69 2 Remove Pipe in Place. 8 Line G* 2-Pri. Enf. Hdw'ls. 989.3 988.8 0.69 7 10 513 f 23 Lk 15" Group 'A* Pipe 74' 2 977.5 977.2 0.69 7 Line "G" 2: Pri. Enf. Hdw'ls. 8	34 43+50 Lt 15" Group "D" Pipe 24' 1 941.5 941.3 0.69 1 2-Pri. Ent. Hdw's 38' 1.5 940.3 940.0 0.80 2 2 2 2 2 2 2 2 2	e Pipe in Place
	Line"F" 2-Pri-Ent- How'ls 1 935.7 935.5 0.58 1	/3
#2 514 +10 24" Group "A" Pipe 288' 6 975.1 972.5 1:24 60 Remove Pipe in Place. 8 Line "G" 2- Pri. Ent. Hdw'/s.	37 48+50Lt. Type N-12 Inlet Line "F" 18" Group A Pipe, 1-Pri.Ent. Hdw'. 64" 3.5 - 932.9 0.40 19 . Construct Outlet Ditch	/3
13 514+10 14 17 17 17 17 17 17 17	38 49+05Lt. 18" Group "D" Pipe 24' 2.5 932.7 932.6 0.80 1 Line "F" 2-Pri. Ent. Hdw'/s. 39 49+77Rt. 15" Group "D" Pipe 60' 1.5 932.9 932.3 0.69 2	V3
Line "G" 15" Group "A" Pipe 20' 4 - 974.7 5 Connect to STR.Nº/2 15 515t 77tt. 12" Group "D" Pipe 52' 1.5 977.8 977.6 0.58 / Remove Pipe in Place 9 Line "G" 2-Pri. Ent. Haw's.	Line"F" 2-Pri. Ent. Haw'ls:	/3·
16 520+00 L4 Type N-12 Inlet 9 9 9 9 18" Group 'A" Pipe, I-Pri. Ent. How'l. 68' 4.5 9 9 9 9 9 9 9 9 9	41 52160 Rt 15" C.M.Pipe 28' 1 931.5 931.3 0.69 1 Line"F" 2-Pri. Ent. How!/s.	/2
17 52 +50 24" Group "A" Pipe 138' 5.5 976.4 975.6 1.24 68" Remove Pipe in Place, Construct inlet Ditch to Drain Pond & Outlet Ditch 9	42 53 f 20 Rf . 15 C.M. Pipe 24' 1 931.2 931.1 0.69 1 Line "F" 2-Pri. Ent. How'ls. 43 58 f 50 Lt . 12" C.M. Pipe 24' 1 931.1 931.0 0.58 -	
Line 'G" 2-Pipe Culvert Hdw'ls. 19: 534 \$19 12" Group 'D" Pipe 44' 2 982.6 982.5 0.58 / Line 'G" 2:Pri. Ent. Hdw'ls.	Line"H" 2-Pri.Ent. Hdw'/s. 2-Pri.Ent. Hdw'/s. 44 58+50 12" Group "D" Pipe 68' 1.5 931.4 931.1 0.58 2 Line "H" 2-Pri.Ent. Hdw'/s.	
20 538 +50 18" Group "A" Pipe 146 5.5 981.6 979.0 1.55 12 Remove Pipe in Place: Construct Inlet & Outlet Ditch. 10 Line "G" 1-Prix Ent: How!. 1-Pripe Culvert How!.	45 58165 Rt. 15" Group"O" Pipe 60' 2 929.0 928.8 0.69 2 Line"H" 2-Pri. Ent. Holw'ls.	14
22 10+32 Lt. 12" Group 'D" Pipe 24' 1 974.9 974.5 0.58 1	46 61+91 Lt. 12" Group "O" Pipe 12' 1 929.0 928.9 0.58 - Line "H" 2. Pri. Ent. How's.	
Line "E" 2: Pri: Ent. Hdw'ls	47 62+21 (4: 12" Group "O" Pipe 40' 1:5 928:7 927:6 0:58 1	
24 10+32 Rt. 12" Group "D" Pipe 24' 1 974.9 974.5 0.58 1/2 2-Pri. Ent. Hdw/s. 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/	49 62127R4: 15" Group "D" Pipe 24' 1 925.7 925.5 0.69 1 Line"H" 2-Pri. Ent. How:/s.	. 1/4
25 17 # 60 18" Group "A" Pipe 148 9.5 961.3 955.1 2.29 /2 Remove Pipe in Place Construct Inlet & Outlet Ditch. 11 Line "F" 2- Pipe Culver How'ls 22 498 18" Group "O" Pipe 38! 1.5 960.3 960.1 0.80 2.	50 64100 18" Group "A" Pipe 148' 9 924.0 918.6 2.29 12 Construct Inlet & Outlet Dutlet	
Line "F" 2- Pri Ent. Hdw'ls	Line "H" 2-Pri. Ent. Hdw'/s. 52 72+00 Lt. Type N-12 Inlet Line "H" 18" Group "A" Pipe, I-Pri. Ent. Hdw'/. 64' 3.5 - 922.5 0.40 16 Construct Outlet Ditch.	. //S
28 24 HOBCLE! Type N-12 Inlet Line "F" 18" Group "A" Pipe 12 1-Pipe Culvert Hdw'l. 12	53 72+60Rt 15" Group "D" Pipe 68' 1 923.7 923.4 0.69 2 Line "H" 2-Pri. Ent. How's.	15
29 25 + 00 15" Group "A" Pipe 140' 7.5 957.4 950.6 1.20 20 Remove Pipe in Place. Construct Inlet & Outlet Ditch 12 1-Pri. Ent. Hdw' . 1-Pipe Culvert Hdw' . 30 35 + 90. 12" Group "D" Pipe 38' 1.5 939.9 939.4 0.58 1 13 14 15 15 15 15 15 15 15	54 72+75L+ 18" Group "D" Pipe 24' 1.5 922.7 922.1 0.80 1 Line "H" 2-Pri. Ent. How'ls. 55 80+57 24" Group "A" Pipe 158' 12 912.4 908.4 3.75 17 Construct Inlet & Outlet Dir. Line "H" 2-Pipe Culvert How'ls.	fch. 15°
	er 6, 1961	PROJECT NO. LINE SHEET TOTAL PILE

PROJECT NO. LINE SHEET TOTAL SHEETS

F-/53(8) 32 168

STRUCTURE DATA

FEDERAL ROAD REGION NO.	STATE	F PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL
4	IND.	153(8)(7)	1963	33 32	148
			-1		······································

												STRUC	· II •
STRUCTURE	LOCATION	SIZE	DESCRIPTION	LENGTH "L"	SKEW	COVER	YASTREAM MOT	ASTREAM AND	CONCRETE CONCRETE	S SPECIAL S BORROW GRADE"B"	SPEINFORCING STEEL	REMARKS	PLANS ON SHEET NO.
56	88+45 Rt. Line"H"	15"	C.M. Pipe 2-Pri. Ent. Hdw'ls.	24'		7′	9/8-3	918-2	0.69	/		Remove Pipe in Place	16
57	90+80 Line "H"	18"	Group "D" Pipe 2-Pri. Ent. Hdw'ls.	52'		1.5'	915.4	915.2	0.80	2			16
58	90+80R+ Line"H"	18"	Group "D" Pipe 2-Pri. Ent. Hdw'ls.	60'		15'	917.6	9/7.4	0.80	2			16
59	90+80 Line'H"	18"	Group "D" Pipe 2-Pri. Ent. Haw'ls.	60'		1.5	914.0	9/3-8	0.80	2			16
60	94+55 Lt. Line"H"	15"	Group"D" Pipe 2-Pri: Ent. How'ls.	52'		1.5'	9/29	9/2.5	0.69	2.			16
61	96190 Lt. Line "H"	18"	Type N-12 Inlet Group "A" Pipe	8'		3'						Connect to STR: Nº 62	17
62	97+00 Line "H"	30"	Group "A" Pipe 2-Pipe Culvert How'ls.	/38'		5'	9/2.8	907.8	5.78	23		Construct Inlet & Outlet Ditch.	17
63	104+60 Line "F"	<i>15</i> "	Group "D" Pipe 2-Pri. Ent. Hdw'ls.	40'		1.5	9/08	910.4	0.80				17
	104 † 60 R† Line "F"	15"	Group "D" Pipe 2-Pri. Ent. Hdw'ls.	24'			9/0.7	910.5	0,80				17
	· .		Group "A" Pipe I-Pri. Ent. How'l, I-Pipe Culv. How'l.	/34"				904.4				Construct Inlet & Outlet Ditch. Remove Pipe in Place.	17
	2+00 Line "F" 3+28	15"	Group 'A" Pipe 2-Pri. Ent. Hdw'/s.	40'	30° K1.			897.8 897.8		25		Construct Inlet & Outlet Ditch. Remove Pipe in Place.	18
	Line"F"		Group "D" Pipe 2-Pri Ent. How'ls.										18
	113 † 28 R f. Line "F"		Group "D" Pipe 2-Pri: Ent. How's.	24'		/		898.0					18
	20+08Lt Line"F"		C.M. Pipe 2-Pri. Ent. Hdw'ls.	24'				887.1					18
	120 + 08 Line"F"		Group "D" Pipe 2-Pri Ent. Hdw'/s.	40'		<i></i>	887.6	887.0	0.80	2			18
71	20 + 08 R+ Line "F"		C.M. Pipe Z-Pri. Ent. Hdw'ls.	24'		//	887.5	887./	0.58	,			18
	12/+ 50 R+ Line"F"	<i> 8"</i>	Type N-12 Inlet Group "A" Pipe, I-Pipe Culv. Hdw'l	58′		3'		888./	1.15	/3		Construct Outlef Ditch	18
	122 #00R#. Line "F"	15"	Group "D" Pipe 2-Pri. Ent. Hdw'ls.	34'		5.5	<i>880.</i> 7	878.5	0.69				18
74	123 † 45 Line"F"	78"	Group"A" Pipe 2-Pipe Anchors	232'	30°L†.	17'	8659	865.4	4.71	350		Gage Nº 8 Strutted B.C.C.M. W.P.I. Structural Plates Gage Nº 10 Top & Sides, Gage Nº 8 Bottom. Construct Outlet Ditch. Remove Culvert in Place.	18
75	125+00Rf Line"F"	18"	Type N-12 Inlet B.C.C.M.W.P.I. Pipe & 2-22º30' Bends I- Pipe Culvert Hdw'l	100'		4.5'		863.3	0.71	8		Construct Outlet Oitch	19
	3155 Line"5-1-A"	30"	Group"D" Pipe Z-Pri: Ent. Hdw'ls	50'		2'	88 2.9	882.6	2.49	4		Construct Inlet Ditch, Remove Exist. Culvert & How'ls.	19
	127+03 Line "F"	18"	Group "A" Pipe 2-Pri. Ent. Hdw'ls.	80'		J.5'	883.5	883.2	080	3			19
	129 † 50 Line"F"		Group "A" Pipe I-Pri.Ent Hdw'l. I-Pipe Cúlvert Hdw'l.	160'	30°R†.	8'	884.4	877.7	1.55	33		Construct Inlet & Outlet Ditch	19
79	131+58 Lt Line "F"	/2"	Group 'D" Pipe 2-Pri. Ent. Hdw'ls.	24'		/	889.4	889.0	0.58				19
				1									

		1				· · · · · · · · · · · · · · · · · · ·				1	·	4 IND. 153(8)(7) 1963 33
NUMBER	LOCATION		DESCRIPTION	LENGTH "L"	SKEW	COVER		LINE	CONCRETE CLASS "O"	SPECIAL BORROW GRADE"8	S STEEL	REMARKS
		SIZE		LEN LEN	S ₂	8	LA STREAM	T DOWN	S당.	S B & CU YOS.	LBS.	
90	131 + 58 Line"F"	15"	Group "D" Pipe 2-Pri. Ent. Hdw'ls.	40'		1'	889.4	889.0				
2 /	133+60	15"	G	140			200.0	<i>mom m</i>	- (0	10		
<i></i>	Line"F"	/3	Group "A" Pipe 2-Pri. Ent. How'ls.	148'		4.5	587:5	881.0	0.69	40		Construct Inlet & Outlet Ditch.
2	136+30	12"	Group "D" Pipe	40'		1.5'	8939	893.6	0.58			
	Line 'F"		2-Pri. Ent. How's									
33	137+68	24"	Group "A" Pipe 2-Pipe Culvert Hdw'ls.	162'	15°64.	10'	889.5	884.7	3.75	18		Construct Inlet & Outlet Ditch.
-	Line "F"		2-Pipe Culvert How'ls.									
4_	[45+17 Line "F"	24"	Group "A" Pipe I-Pri. Ent. How'l,	140		5'	891.5	889.4	2.50	16		Construct Inlet & Outlet Ditch. Remove Pipe in Place.
			1-Pipe Culvert Hdw'l.									
75	145 + 17 Line "F"		Type F.7-Inlet									Connect to STR. Nº 84
36	145 # 57 Line "F"	18"	Group "D" Pipe 2-Pri.Ent. Hdw'ls.	24'		!'	892.2	892.1	0.80			
27	153+00Lt:		Tung II 12 Inlat									
	Line"F"	18"	Type N-12 Inlet Group 'A" Pipe I-Pri Ent Hdw'l	62'		3.5		889.9	0.40	23	***************	Construct Outlet Ditch
98	156+10L+	18"		32'		5'	888.4	888.2	0.58			
	Line"F"		Group "D" Pipe 2-Pri. Ent. How's.									
99_	156+10 Line'F"	/Z"	Group "D" Pipe 2-Pri. Ent. Hdw'ls.	40'		2'	892.0	891.9	0.58			
	Line'F"		2-Pri. Ent. Hdw'ls.									
70	156+10 <i>R</i> 4. Line"F"	12"	Group "D" Pipe 2-Pri. Ent. How's.	24'		4'	890.5	890.4	0.58			
	L///E	· ·	Z-PFI. FMT. HOW IS.		!							
	157+02 Line'F"	24"	Group "A" Pipe I-Pri.Ent Hdw".	154'	10°R+.	9'	890./	883.8	2.50	40		Construct Inlet & Outlet Ditch Remove Pipe in Place.
			1-Pipe Culvert Hdw'l.									
	166†66Lt. Line "J"	12"	Group 'D" Pipe 2-Pri. Ent. Hdw 1/s	24'		S,	893.5	893.3	0.58	1		
13	166†66 <i>R</i> t. Line "J"	12 "	Group "D" Pipe 2-Pri: Ent. Hdw'ls	24'			893.0	892.7	0.58	/		
ÍΑ	161+00 L.t. "F"	12"	Group. "D"Pipe	24		1.5	893. i	893.0	0.58		***	
						. 127						
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Rev. 2-2-65 STR. 91A ADDED.

ESTIMATE OF QUANTITIES

Rev. 5-12-64 S.R.M. For Subbase, S.R.M. for Appro. B.M. G.Appro.

Rev. 10-21-64 Spl. Class II Dr. Quantities Added.

Rev. 2-2-65 STR. 91AADDED

FEDERAL ROAD STATE PROJ NO YEAR NO SHEETS

GRADING		PAVEMENT				MISCELLAN	EOUS	MISCELI	LANEOUS	MISCELLAN	VEOUS					
ITEM	UNITQUANTITY	ITEM	UNIT QUANTITY	ITEM	UNIT QUANTIT	Y ITEM	UNIT QUANTITY	ITEM	UNIT QUANTITY	ITEM	UNIT QUANTITY	STRU	CTURE SU			
COMMON EXCAVATION	CYS 125 193	CEMENT CONCRETE BASE H.E.S. CEMENT CONCRETE	SYS	REINF. CEMENT CONCRETE PAVEMENT (9"	') SYS. 109,131	6 INCH HAND LAID RIPRAP	SYS 190	RIGHT-OF-WAY MARKE		FURNISHING AND INSTALLIN	GLET	MIN. AREA SQ.FT.	PIPE LINEAL FE	<u>:</u>		
SOLID ROCK EXCAVATION	CYS	BASE	SYS	REINE CEMENT CONCRETE	") SYS	GROUTED RIPRAP	SYS	MONUMENTS, TYPE "		HAND HOLE FOR STREET	FACH	KIND				
	CYS. 60,682			REINF CEMENT CONCRETE		PLACING HAND LAID RIPRAP 6		MONUMENTS, TYPE "	" EACH	HAND HOLE FOR SIDEWALK	EACH	GAGE STRUCTURAL PLATES				
OVERHAUL ADDED HAUL	CYS 24,917 UNITS	CLASS I CONCRETE PATCHES		PAVEMENT ('H.E.S. REINF. CEMENT	') SYS	PLACING HAND LAID RIPRAPIZ PRECAST CONCRETE RIPRAP		MONUMENTS, RE-ESTA CASTINGS ADJUSTED	го	SIGNAL BASE, TYPE " A" SIGNAL BASE, TYPE " B"	EACH EACH	GAGE C.M. PIPE ARCH **				
GRADING	MILE	CLASS II CONCRETE PATCHES CLASS III CONCRETE PATCHES		CONCRETE PAVEMENT ('H.E.S. REINF. CEMENT	') SYS	SLOPEWALL	SYS	GRADE, MONUMENTS	EACH	SODDING	SYS 45,902	GROUP GI GROUP G2				
PEAT EXCAVATION	CYS	CLASS IX CONCRETE PATCHES BITUM, MIXTURE FOR PATCHES	SYS	•	') SYS	CONCRETE SLOPEWALL (") SYS	BENCH-MARK POST RESETTING BENCH-MA		FURNISHING AND PLACING AGRICULTURAL LIMESTONE	TONS 120.42	GROUP G3				
PEAT EXCAVATION 15 TO 25 FT.	CYS	CLASS I BITUM. PATCHES	TONS		') sys	STANDARD LIP GUTTER	LFT			FURNISHING AND PLACING FERTILIZER		GROUP HI				
PEAT EXCAVATION 25 TO 35 FT. SURCHARGE 4'	LFT	CLASS II BITUM. PATCHES CLASS III BITUM. PATCHES	TONS	PAVEMENT (') SYS	PAVED SIDE DITCH, TYPE " A "		RAILROAD CROSSING S	EACH	FURNISHING AND PLACING		GROUP H3				
SURCHARGE 4'-8' SURCHARGE 8'-12'	LFT LFT	CLASSIX BITUM. PATCHES	TONS	H.E.S. PLAIN CEMENT CONCRETE PAVEMENT (') SYS	PAVED SIDE DITCH, TYPE " 8 " PAVED SIDE DITCH, TYPE " C "		RAILROAD CROSSING S		SEED FURNISHING AND APPLYING						
SURCHARGE 12'-16' SURCHARGE 16'-20'	LFT	HOT ASPHALTIC CONCRETE				PAVED SIDE DITCH, TYPE " D " PAVED SIDE DITCH, TYPE " "	'LFT 535	ADVANCE RAILROAD W	VARNING EACH	MULCHING MATERIAL	TONS 143.00					
SURCHARGE 20'-24'	LFT		TONS	PRIVATE DRIVE PAVEMENT	SYS	INTEGRAL CONCRETE CURB	LFT			PLAIN SEEDING MULCHED SEEDING	SYS SYS					
MACHINE OPERATION MACHINE AVAILABILITY	HRS	AGGREGATE BASE WIDENING	TONS	CEMENT CONCRETE FOR		INTEGRAL CONCRETE CURB,		BITUMINOUS CENTE	13YS 24							
DYNAMITE 2"CASED TEST HOLES		BITUM COATED AGGREGATE BASE WIDENING	TONS	CROSSOVER (6")	SYS 2082	TYPE "B" INTEGRAL CONCRETE CURB,	LFT 603			STEEL FOR RECONSTRUCTED EXPANSION JOINT	LBS					
4" CASED TEST HOLES 6" CASED TEST HOLES	LFT CONTROL OF THE CO			CONTRACTION JOINTS, TYPE	HILFT 24554	TYPE "C"	LFT	BITUMINOUS CURB TO BITUMINOUS SHOULDE	R TONS	FILLET WELD	LFT	STR. PLATE PIPE ARCH				
		CONCRETE WIDENING	SYS	I INCH PREFORMED EXP JOIN WITH LOAD TRANSFER		CONCRETE CURB	LFT	BITUMINOUS MATERIAL	FOR	MAINTAINING TRAFFIC	LUMPSUM	B.C.C.M. PIPE ARCH B.C.C.M. PIPE ARCH WITH				
6" CASED DYNAMITE HOLES	LFT			The state of the s				BITUMINOUS MATERIAL	FOR			PAVED INVERT				
GRADE 'B" SPECIAL BORROW		FILLING CRACKS AND JOINTS BITUMINOUS MATERIAL FOR	TONS	I INCH PREFORMED JOINT		CONCRETE GUTTER COMB. CONC. CURB AND	LFT LESS SE	SEAL COVERING AGGREGAT	E TONS			REINF. ELLIP. CONC.				
		UNDERSEAL DRILLING HOLES	TONS EACH	FILLER	LFT 340 ×	GUTTER	LFT No.									
PAVEMENT REMOVAL SALVAGED PAVEMENT	SYS /658 SYS		20.5	REINFORCING STEEL FOR		RECONSTRUCTED CONC. CURB RECONSTRUCTED COMB. CONC.										
SURFACE REMOVAL	SYS	BITUM MATERIAL FOR PRIME COVERING AGGREGATE	1		LBS 3610	CURB AND GUTTER RESET CURB	LFT					** GAGE WHEN HEAVIER THA	N REQUIRED IN STA	NDARD SPECIFICA	rions	
BREAKING PAVEMENT	SYS	COVERING AGGREGATE	IONS													
CURB REMOVAL	LFT	HOT ASPHALTIC CONCRETE		ANCHOR BOLTS	EACH	CONCRETE CENTER CURB	SYS			STRUCT	URE SUI	MMARY (CONT)				
CENTER CURB REMOVAL COMB. CURB & GUTTER	LFT	BASE	TONS	AGGREGATE FOR BITUM.		CONCRETE CENTER CURB,	LFT				PIPE LINEAL	FEET				
REMOVAL LIP GUTTER REMOVAL	LFT	HOT ASPHALTIC CONCRETE		SURFACE TREATMENT	TONS	CONCRETE CENTER CURB,	SYS	KIND	SIZE 4" 6"	8" 10" 12" 15" 18" 21'	24" 30" 36	" 42" 48" 54" 60" 66"	72" 78" 84"			
GUTTER REMOVAL	LFT	BINDER (0)	TONS	SURFACE TREATMENT	TONS	CONCRETE CENTER CURB,		GAGE C.M. PIPE **					8			
WALK REMOVAL STEPS REMOVAL	SYS SYS			COVERING AGGREGATE FOR BITUM. SURFACE TREATMENT		CONCRETE CENTER CURB,	LFT:	GAGE STRUCTURAL PL	ATES'				10 T.85.			
GUARD RAIL SALVAGE RETAINING WALL REMOVAL		HOT ASPHALTIC CONCRETE SURFACE TYPE " "	Tons			TYPE"	SYS	GROUP A		542 1216	1466 138		8 B. 232			
RETAINING WALL REMOVAL	LFT			BITUM, MIXTURES FOR CROSSOVER	TONS	STRAIGHT BEAM GUARD RAIL DOUBLE-FACED STRAIGHT	LFT	GROUP C		692						
REMOVAL OF PRESENT		BITUM COATED AGGREGATE	TONIS	BITUM MIXTURES FOR APPROACHES (1)	TONS 3277	BEAM GUARD RAIL SHOP-CURVED BEAM GUARD	LFT	GROUP D GROUP E		668: 572 448	50					
STRUCTURE REMOVAL OF PRESENT	SUM	BITUM COATED AGGREGATE BINDER (0)		COMPACTED AGGREGATE BAS		RAIL SHOP-CURVED DOUBLE-FACED	LET .	GROUP F								
STRUCTURE TREE REMOVAL		BITUM, COATED AGGREGATE	TONS	FOR APPROACTES	TONS	BEAM GUARD RAIL	LFT									
SALVAGED ROAD MATERIAL	CYS	SURFACE	TONS	SALVAGED ROAD MATERIAL	1,003	RESETTING GUARD RAIL	LFT									
PROCESSING & AERIATION USING PULVI- MIXER	HRS. 100	BITUM. COATED AGGREGATE		FOR APPROACHES	CYS 7014	WIRE-ROPE GUARD RAIL	LET									
			TONS	SALVAGED ROAD MATERIAL		RESET WIRE-ROPE GUARD RAIL		REINFORCED CONCRET				3				
PROCESSING & AERIATION USING DISK	HR5. 100			FOR FRONTAGE ROADS	CYS	GUARD RAIL	LFT /580	HEAVY DUTY REINE CO								
PROCESSING & AERIATION		BITUM COATED BLENDED AGGREGATE BASE	TONS			GUARD RAIL POST GUARD FENCE	LFT	CORRUGATED METAL	TAK	48 100						
USING MOTOR GRADER	HR5. 100	BITUM COATED BLENDED AGGREGATE BINDER (D)	TONS	SALVAGED ROAD MATERIAL FOR BASE	CYS	RESET GUARD FENCE	LFT	BIT. COATED CORR. ME		100						
		TYPE " " BITUM. COATED BLENDED AGGREGATE				GUIDE POST, TYPE " A " GUIDE POST, TYPE " B "	EACH 67 EACH 42 EACH	SEWER SEWER	400 2	00 200						
			TONS	SALVAGED SURFACE MATERIA FOR APPROACHES	L	RESET GUIDE POST DELINEATORS, TYPE " "	EACH	R.C. OR V.C. SEWER R.C. OR CONC. SEWER								
		BLENDED AGGREGATE		FOR APPROACHES	C15	DELINEATORS, TYPE " "	EACH EACH	CONC. SEWER REINE CONC. SEWER								
		SURFACE	TONS			BARRICADES, TYPE "A"	EACH 4	VIT. CLAY SEWER DRAIN TILE								
		COMPACTED AGGREGATE				BARRICADES, TYPE "B" TYPICAL SIGN STANDARDS	EACH 6	DRAIN TILE	800 20	00 100						
		BASE	TONS M.GAL													
						CONCRETE HEADER, TYPE "A" CONCRETE HEADER, TYPE "B"	LFT	*STRUTTED **GAGE WHEN HEAVIER	R THAN REQUIRED IN ST	ANDARD SPECIFICATIONS						
		SUBBASE, TYPE:- "II"	CYS /4,19/			RECONSTRUCTED CONC HEADER	RLFT	PIPE:GROUP"K" FOR SUE	BSUPFACE DRAINAGE 6"	41,319 LIN. FT. CASTING		ITEM	UNIT QUANTIT			
		SALVAGED ROAD MATERIAL FOR SUBBASE	CYS #663			FENCE (FARM FIELD TYPE)	LFT	BCCM FOR SUBSO	URFACE DRAINAGE 6"	/770 LIN. FT. ADJUSTE	1 L.	CLASS D'FOR STRUCTURES NG STEEL FOR STRUCTURES	The state of the s		EAD EACH	
		COMPACTED AGGR. SHOULDER	TONS 9360	(I) INCLUDES FOR WEDGE		FENCE (CHAIN LINK TYPE) GATES (SINGLE)	LFT EACH			EACH		CLASS"F"FOR STRUCTURES	CYS			
		PLANT-MIXED CONTROLLED MOISTURE AGGREGATE BASE CALCIUM CHLORIDE			TONS 368	GATES (DOUBLE) CEMENT CONCRETE SIDEWALK	EACH	AGGREGATE FOR SUBSU	JRFACE DRAINAGE	2892 CYS.						
			TONS 32.8			RECONSTRUCTED CONC.		CATCH BASINS CA	PIPE TCH BASINI	INLETS	RECONSTRUC	TED CASTINGS FURNIS	REINE CO		NHOLES	
		AGGREGATE FOR SHOULDER DRAINS	TONS	(I) INCLUDES FOR ROAD APPROACHES	TONS 511	SIDEWALK RE-LAID SIDEWALK	SYS			EACH TYPE EACH	i	LIN.FT. TYPE " "		H TYPE	E EACH	
						"EXPANSION JOINT FOR SIDEWALK	LFT		F-7 N-12	9	AANHOLE ATCH BASIN	TYPE " "	EACH /			
		:	. ;	(I) INCLUDES FOR PRIVATE DRIVES AND MAILBOX		CROSSWALK	SYS				NLET					
				APPROACHES	TONS 674											

APPROACH TABLE

						DESIGN	N DATA	AND C	QUANTI	TIES BA	SED 0	N MAX	. OF 15	% GRA	DE							
					·				BITUM	INOUS		SALV	AGED			E	S.S.	Ш,	Ш_			<u>ب</u> بـ
						SS THAN SHOWN		EYOND IE *		TURE	ROAD MATERIAL			e George	TYPE II YDS.	9 "REINFORCED CONCRETE PAVEMENT SQ. YDS.	6"PLAIN CEMENT CONC. PAVEMENT FOR CROSSOVER SQ.YDS.	ORCING STEEL PAVEMENT	INTEGRAL CONCRETE CURB TYPE "B"	 	PREFORMED INT FILLER	I" PREFORMED EXPANSION JOINT
LOCATION	DECODIOTION	CVOA	Marriohi			SS	ENGTH	E BE	•	OR DACHES			BASE	•	T≺ SS.	SE SE	S E S	S A	S H	POST E "B"	FORM	SE SE
LOCATION	DESCRIPTION	t	VATION YDS.	WIDTH	RADII	E LE	NG	유기	LBS	PER.					_ ≻	DE E	E E E	S S	12	1 ^	FF	NO C
			. 100.			МS	-J	TANCE R/W	SQ.	YD:	ا در ۱۵ واحد	SQ.	YDS.		SUBBASE SQ.)		NA SO	F. 9.	B B	GUIDE	PR	PRIS V
						GRADI 10% I		<u>S</u>	SURFACE	BASE					188	F S	NC. P. SS	REINF	TEG XX	3	I" PRI JOINT	- A
		CUT	FILL	"W"	"R"	<u>5</u>	" ["	Δ.	90	225	9"	3"	5"		ळ	ඉරි	6 05	œ _	Z			<u> </u>
					A - 1 1																	
	Public Rd. Appr. Special				30:30'		130'		370	370	, ,		370		93	93		92		1	10	
	Type"F"Crossover	100	56		24-8"-5"		38'								297	244		117	88		20	45
10+24 to 12+62 "A"	5.R.101	400			150'-50'-150' 180'-65'-180		238' 20'		65	65			65		1317	1110		191		 		**
11+66 Rt. Line"A"	Closs IX		10	12'	20'-20' 15'-25'		28'		55	55		55	65							6		
12+06 Lt. Line"A" 515+77 Lt. Line"G"	Class II Class IV	10	10	40'	20:20		39'		182	182			182			-				6		
534+19 Rt.Line G"	Closs II	/0	19	12'	15:25		5/		89	89		89	102		 					1		
	Private Dr. Crossover		3/		31-19		50'		, , , , , , , , , , , , , , , , , , ,						133		130	91			20	12
	Public Rd. Appr. Type" B"	3	42		36-62-6		148'		376	376			376	*	117	117		124			10	
	Type"B" Crossover		49	40'	31-8"-17-8		50'								282	290		158	107	1 2 4 3	20	40
540+48 Lt. Line"G" F	Public Rd. Appr. Type"B"	3	40		36-62-6"		/33'		339	339			339		117	117		124			10	
10+32 Rt. Line"F"	Closs II	17	//	12'	15'-25'	+10%	234	£		**		18.1										,
	Private Dr. Crossover		30	12'	31-19'		50'								/33		130	91	``		20	12
10+32 Lt. Line"F"	Closs II	17	10	12'	15:25'		5/'		89	89		89										
22+98 Rt. Line"F"	Class II	17	9	12'		+10%			89	89		89										
	Private Dr. Crossover		35		3/-19'		50'								/33		130	91			20	12
22198 Lt. Line"F"	Class II	 	106	12'	15:30'			30'				N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										<u> </u>
35+90 Rt. Line"F"	Closs I	 	19	12'	15-25		51'				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					<u> </u>	10-					1.0
National Control of the Control of t	Private Dr. Crossover	<u> </u>	15	12'	31-19'		50'	ļ							133	ļ	130	91			20	12
	Private Dr. Crossover		17		31-19		50'		00	89		00	8 5 7 1 7 13 1 8 1 7		/33	 	130	91			20	12
43+50 Lt. Line"F"	Class II Class V		8	12'	15:25'		4/'		89	07		89						1				
45+65 Rt. Line"F" 46+53 ! Rt. Line"F"	Closs II	ļ	3	12'	15-25		41'		75	75		75		e, siewie in								
	SPL. Class II			24/2	15:25		51'	200-	- 33		200		-200									1
· · · · · · · · · · · · · · · · · · ·	Type "A" Crossover		24		31:8:17:8		50'			-	-				335	345		158	107		20	50
	Public Rd. Appr. Type"B"		82		35-79-9		123'		498	498	3.47		498		134	134		121			10	
50+25 + Rt. Line"F"	Closs IV		23		20:20		41't	10'	100	100			100							6		
52+60 Rt. Line,"F"	Closs IV	//	13	20'	20:20		41'		100	100	N. Paris		100	14						6		
					. :		!													. Jean		
53+20Rt.Line"F"	Class II	4	4		15-25		41'		75	75		75										
	Type"B" Crossover	<u> </u>	23		31:8:-17:8		50'								282	290		158	107		20	40
	Public Rd. Appr. Type"B"		151		37-47-6		125'		285	285			285		105	105		120			10	
58+50 Lt. Line"H"	- Closs II		38	12'	15:25		51'		1 00	00	_	00			-							
62+27 Rt. Line"H"	Closs II	<u> </u>	17	12'	15:25		51'		89	89	<u></u>	89			107		101	101	-		20	24
	Comm. Dr. Crossover		38	24'	31:19'		50°	16	199	199	_		199		197		196	91		6	20	1 27
62+27 Lt. Line"H" 68+91 Line "H" 6	Class IV Comm. Or. Crossover	<u> </u>	46		31-19	+10%	50'	16	177	777			177		197	196		91		9	20	24
68+86 Rt. Line"H"	Class IV	23	26		20:20		46'		2/3	2/3		-	213		+ ' '	1 // /		1 //-		6	1	
JUI JUNE 11 LINE 11		1		+ 70,	1000	•	1 7 9		1	1		.,										1
72+75	⊕ Class II			12'	15: 25'		26'	4	55	55		55										
	Special Crossover		19		31:8"-17:8 50'-13'		50'	 				1			234	227		108	87		20	40
	Public Rd. Appr. Type"B"	20	20		36-6-55		167'		441	441			441		111	111		120			10	
12+75 Lt. Line"H"	Closs II		33	12'	15-25		51'		89	89		89										
88+45 Rt. Line"H"	Closs II	5	10	12'	15-25		5/'		89	89		89										<u> </u>
		<u> </u>																				
	Mail Box Approach								47.4	47.4	<u> </u>	47.4					_					
11+85 Lt. Line "A"	do		<u>li</u>	_					47.4	47.4		47.4							,			
	·	ļ					<u> </u>			100								1				
515+00 Lt. Line G"	do	ļ							47.4	47.4		47.4	_			_		-			7.0 12.0	
534+50 Rt. Line"6"	do	<u> </u>		_				<u> </u>	47.4	47.4		47.4										<u> </u>
539+00 Lt. Line "G" 542+00 Rt. Line "G"	do ·			 			<u> </u>		47.4	47.4		47.4		7		-						
548+10 Lt. Line'G"	do		1.		· i				47.4	47.4	l .	47.4										
23+50 Rt. Line"F"	do do	1					 		47.4	47.4		47.4										
44+20 Lt. Line"F"	do						 		47.4	47.4		47.4	 									
46+20 Rt. Line"F"	do					<u> </u>	1		47.4	47.4		47.4						-			<u> </u>	1
51+00 Rt. Line"F"	do						1		47.4	47.4		47.4										1
59490 Rt. Line"H"	do	1	· .	<u> </u>	†		1		47.4	47.4		47.4						1				
61+60 Lt. Line"H"	do	<u> </u>		1	1			1	47.4	47.4		47.4			1	1			·			
												1								,		
68+00 Rt. Line"H"	do		1 / 1						47.4	47.4		47.4										
											٠											
73470 Pt line "H"	do							7.77	47.4	47.4]	47.4				I				I	V	1 1

73+70 Rt. Line"H" * Right of Entry Required for Construction beyond R/W Line.

⊕From Public Road Approach to Existing Gravel Drive on Right.

APPROACH TABLE

REV. 5-12-64 Temp. Detour Quantities.

REV. 10-21-64 Spi. Clase II Do Revised.

REV. 7-9-63 CLE TR 16432 Ht. REV.

FEDERAL ROAD REGION NO. STATE PROJ. NO. YEAR NO. SHEETS

4 IND. 153(8) 1963 29 148

						DESIGN	DATA	AND C		IES BA	SED O		OF: I5		Œ							
						THAN			BITUMINOUS MIXTURE FOR			SALV RO MATE	AGED DAD RIAL			CED VEMENT	6"PLAIN CEMENT CONC. PAVEMENT FOR CROSSOVER SO. YDS.	ORCING STEEL PAVEMENT	NCRETE	S.T.	MED	MED
LOCATION	DESCRIPTION		ATION YDS.	WIDTH	RADII	GRADE LESS 10% NOT SH	LENGTH	DISTANCE BEYOND R/W LINE *	LBS	ACHES PER. YD.		FOR SQ.	BASE		SQ. YDS	9 "REINFORCED CONCRETE PAVEMENT SQ. YDS.	AIN CEN PAVEME SOVER	REINFORCING FOR PAVEME	INTEGRAL CONCRETE CURB TYPE "B"	GUIDE POST TYPE "B"	I" PREFORMED JOINT FILLER	PREFORMED INSION JOINT
		CUT	FILL	"W"	"R"	GRAD 10%	u Lu	DIST	SURFACE 90	BASE 225	9"	. 3"	5"		SUBB	9 " F CONCI	CONC. CROS	REIN	CUR	ರಾ	<u>- 5</u>	EXPA
90180 Line"H" 90179.9R1. Line"H"	Type"C" Crossover Public Rd. Appr. Type"8"		<i>38 47</i>	<i>30' 22'</i>	31:8:11:8 38:38		<i>50'</i>		7/8	718			718		229 101	101		158 124	107		10	30
94+80 Line"H"	Comm. Dr. Crossover		38		31-19'		50'		1/6	770			710		197	107	196	91			20	24
94+55 Lt. Line"H"	[32	40'	20'-20'	- 44	46'		213	2/3			2/3							6		
98+79 Rt. Line"H" 98+79 Line"H"	Class V Private Dr. Crossover		27 31	12'	15'-25' 31'-19'	-10%	55' 50'	4'							/33		130	91			20	12
104160 Rt. Line"F"	Closs II		17	12'	15-25'		51'							4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
104+60 Line"F" 104+60Lt. Line"F"	Private Dr. Crossover		<i>33</i>	12'	31'-19' 15'-25'	-10%	50'	14'						7	133		130	91			20	12
113+28 Rt. Line"F"			5	12'	15-25	7078	41'	/	75	75		75										
	Private Dr. Crossover		//.	12'	31-19'		50'								/33		130	91		7 1	20	12
113+28 Lt. Line"F"	Closs <u>V</u> Closs II.	45 18	10	12'	15'-25'	+12%	7/ ' 5/ '	20'	89	89		89			<u> </u>							
120108 Line"F"	Private Dr. Crossover		3/	12'	31-19'		50'					-			133		130	91			20	12
120+08 Lt. Line"F" 122+00 Rt. Line"F"		27	95	12'	15-25	+10%	56'	5'				4										
126+88 Rt. Line"F"			16	12'	15-25	-15%					· · · · · · · · · · · · · · · · · · ·									<i>y</i>		
127+03 Line"F"	Type "A" Crossover		55	50'	31-8"-17-8"		50'		A. S						335	345		158	107	2	20	50
	Public Rd. Appr. Type"B" Private Dr. Crossover		14	12'	35'6'35'6 31'-19'	I	137'		220	220			220		124	124	130	123	و نغر		10	/2
131+58 Lt. Line"F"	<u></u>	187	8	12'-	15:25				207	207		207		· ·	,,,,,		,,,,	,,			20 (m)	1
136+30 Rt. Line"F"			9	12'	15:25'		51'		89	89		89			100		100	.			22	10
136+30 Line"F" 136+30 Lt. Line"F"	Private Dr. Crossover Class II	32	32	12'	31-19		50'	<u> </u>	118	118		118			/33		130	91	,		20	12
145+57 Rt. Line"F"	Closs II		30	12'	15-25'	-10%	70'	19'	114	114	rış	114										
145+57 Line"F"	Private Dr. Crossover Class \(\times\)		13	12'	31-19'	<u> </u>	50'			\ \			_		/33		130	91			20	12
156+10 Rt. Line"F"			74	12'	15'25'		61'															
156+10 Line"F"	Private Dr. Crossover		56	12'	31-19		50'		4.4	100		1			133		130	91			20	12
156+10 Lt. Line"F" 166+66 Rt. Line "J"			14	12'	15-25		50'		109	109	, , , , , , , , , , , , , , , , , , ,	<i>109 87</i>					J. *****					
166+66 Line "J"	Private Dr. Crossover		/3	12'	24-20'		44'	*	104	104			107						.			
166+66 Lt. Line"J"	C/055 II		17	12'	15:25'	AND THE AND	70'		114	114	2	114				The state of the			and the second			
S.R.101 Line'A"	Temp. Defour Road		100	22	ł				528	528	484 - 528											
																						The second second
161+00 Lt. Line "F"	Class V			12'	15'-25		50'								<i>a</i> -							

89+80 Rt. Line"H" 93+70 Lt. Line"H"	Mail Box Approach								47.4 47.4	47.4 47.4		47.4										
																			::- <u>.</u>			
112+60Rt. Line"F" 120+70Lt. Line"F"	- 							1	47.4	47.4		47.4 47.4			1							
120+60 Rt. Line"F"	do	54							47.4	47.4		47.4						1				
125+60 Lt. Line F* 135+70 Lt. Line F*									47.4	47.4		47.4 47.4										
137+00 Rt. Line F									47.4	47.4	:	47.4			1							
146+30 Rt. Line's"									47.4	47.4		47.4										Ä, ø
155+40 Lt. Line F"									47.4	47.4		47.4 47.4			-							
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