

INDEX

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)		
	ST'D. DIV. LANE (INTERSTATE)		
	ST'D. CROSS SECTION		
	ST'D. CROSS SECTION		
	ST'D. CROSS SECTION		
2-7	TYPICAL CROSS SECTION		
	ST'D. 8 INCH RAMP SECTION		
	ST'D. 10 INCH RAMP SECTION		
8-38	ST'D. PAVEMENT JOINTS SHEET 'A' PLAN AND PROFILE		
39	STRUCTURE DATA		
40	ESTIMATE OF QUANTITIES		
41	MISCELLANEOUS STANDARDS, SHEET 'MA'	3-9-61	3-25-64
42	MISCELLANEOUS STANDARDS, SHEET 'MB'	3-25-61	3-25-64
43	MISCELLANEOUS STANDARDS, SHEET 'MC'	1-26-60	R/4-1-59
44	MISCELLANEOUS STANDARDS, SHEET 'MD'	8-26-60	R/7-6-60
45	MISCELLANEOUS STANDARDS, SHEET 'ME'	1-26-60	R/5-26-59
46	MISCELLANEOUS STANDARDS, SHEET 'MF'	8-9-61	R/10-14-60
47	MISCELLANEOUS STANDARDS, SHEET 'MG'	1-26-60	R/11-1-57
48	MISCELLANEOUS STANDARDS, SHEET 'MH'	3-25-61	3-25-64
49	MISCELLANEOUS STANDARDS, SHEET 'MI'	4-20-61	3-25-64
50	MISCELLANEOUS STANDARDS, SHEET 'MJ'	4-20-61	3-25-64
51	MISCELLANEOUS STANDARDS, SHEET 'MK'	4-28-61	A-Feb. 1961
52	MISCELLANEOUS STANDARDS, SHEET 'ML'	5-9-61	R/4-11-61
53	MISCELLANEOUS STANDARDS, SHEET 'MN'	6-5-62	6-25-62
54	MISCELLANEOUS STANDARDS, SHEET 'MO'	5-9-61	A-Oct. 1960
54A	MISCELLANEOUS STANDARDS, SHEET 'M-1'	8-9-61	R/10-13-60
54B	MISCELLANEOUS STANDARDS, SHEET 'M-2'	12-4-62	R/10-4-62
55	MISCELLANEOUS STANDARDS, SHEET 'MT'		R/7-24-63
55A	MISCELLANEOUS STANDARDS, SHEET 'MU'		
55B	MISCELLANEOUS STANDARDS, SHEET 'MV'		
55C	BRIDGE STD. MISCELLANEOUS DETAILS 'C1'	6-21-63	R/5-1-63
55D	BRIDGE STD. MISCELLANEOUS DETAILS 'C2'	1-12-60	R/7-18-57
56	ST'D. STRUCTURE CONNECTIONS FOR EXTENSION	1-26-60	A-May 1934
57	ST'D. R.C. BOX CULVERTS	1-26-60	R/9-1-51
58	ST'D. R.C. CULVERTS SLAB TOP TYPE, FILL 1'-5"	1-26-60	R/4-15-59
59	ST'D. GUARD RAIL BEAM GUARD RAIL, GR1	6-6-61	R/5-25-61
60	ST'D. FOR SUPERELEVATION	2-27-61	A-Jan. 1961
61	ST'D. DETOUR SIGNS, SHEET 1		R/3-8-63
62	ST'D. DETOUR SIGNS, SHEET 2		R/3-8-63
63	ST'D. DETOUR SIGNS, SHEET 3		R/3-8-63
64	ST'D. DETOUR SIGNS, SHEET 4		R/3-8-63
65	CONSTRUCTION IDENTIFICATION SIGNS	1-26-62	3-9-64
66	ST'D. DETOUR SIGNS, SHEET 5		R/3-8-63
67-150	CROSS SECTIONS		

STATE OF INDIANA INDIANA STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY S-PROJECT NO. 705 (2) P.E. R/W CONSTR

CODE # 0392

DESIGN DATA		
A.D.T. (1962)	6175	V.P.D.
A.D.T. (1982) PROJECTED	14250	V.P.D.
D.H.V.	1550	V.P.D.
DIRECTIONAL DISTRIBUTION	58	%
TRUCKS	12	%
DESIGN SPEED	70	M.P.H.
ACCESS CONTROL	PARTIAL	

BEGINNING AT A POINT AT THE SOUTH EDGE OF US 40 APPROX. 512.1 FEET NORTH OF THE SOUTH SECTION LINE OF SECTION 17, T-12-N, R-8-W AND 32.6 FEET EAST OF THE WEST SECTION LINE OF SAID SECTION AND EXTENDING IN A SOUTHEASTLY DIRECTION FOR A DISTANCE 16,648 FEET TO A POINT ON S.R. 46 261.0 FEET SOUTH OF THE NORTH SECTION LINE OF SECTION 5, T-11-N, R-8-W, ALL IN VIGO COUNTY.

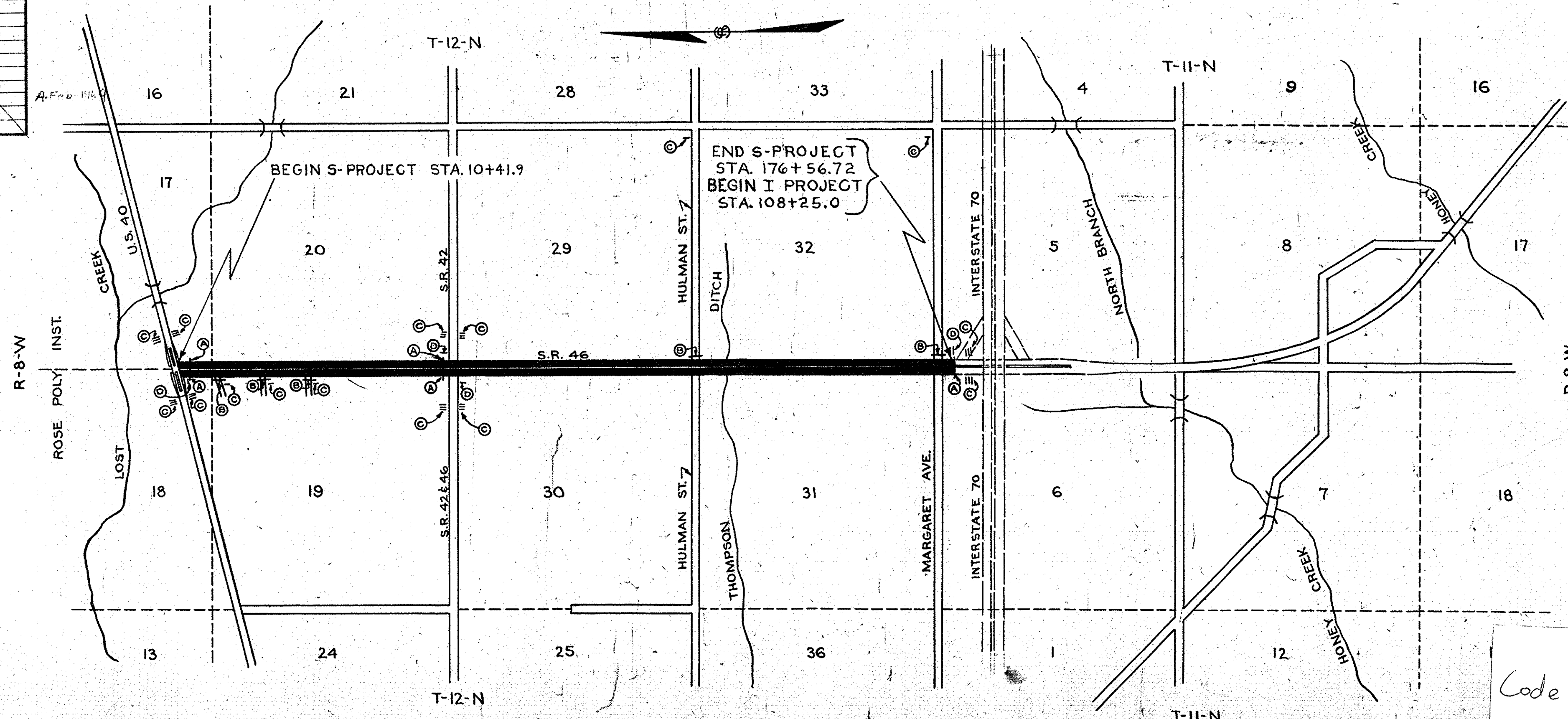
GROSS LENGTH: MI 3.146
NET LENGTH: MI 3.146
SCALES:
PLAN LONG: 1"=50' PROFILE HORIZ: 1"=50'
TRANS: 1"=50' VERT: 1"=10'
MAX. GRADE 2.809%

LEGEND
 (Symbol) Barricade Type "A"
 (Symbol) Barricade Type "B"
 (Symbol) Typical Sign Standard
 (Symbol) Construction Identification Signs

REVISIONS		
SHEET NO.	DATE	REVISED
15-28	8-5-63	R/W
15-28-29-30-39	1-6-64	R/W
15-29	1-7-64	Topo
16	1-22-64	PL.
19-23-27-29-30	3-16-64	APPROACHES & R/W
1-15-28-30-39	4-17-64	APPROACHES & R/W
9-18-30	5-6-64	APPROACHES
9-9-10-11-21-24-25	9-1-64	R/W
15-30	10-7-64	APPROACH & R/W
15-30	10-19-64	APPROACH
9-30-39-40	11-4-64	APPROACH
21-24-39	11-5-64	STR. 105 T. R/W
9-30-39-40	11-9-64	APPROACH & STR. 20
9-8-10-25	11-25-64	R/W
19-29-30	12-23-64	R/W
14-30	12-29-64	APPROACH
9-9-10-11-13-14-15	12-29-64	R/W NOTES
16-17-18-19	12-29-64	APPROACH
30	1-12-65	APPROACH
12-13-14-15-16-17-23	1-22-65	T. R/W FOR BLDG. REM.
12-13	12-5-69	REV. R/W, RT. OF "P.R." LINE
13	4-11-83	CLOSED DR.

INDEX FOR RIGHT OF WAY PLANS
SHEET NO. DESCRIPTION

1	TITLE SHEET AND R/W INDEX
1A	PARCEL LISTING
2-7	TYPICAL CROSS SECTIONS
8-19	PLAN & PROFILE, LINE 'C'
20-21	PLAN & PROFILE, LINE 'E'
22-23	PLAN & PROFILE, LINE 'SR-42-C'
24-29	DETAILS
30	APPROACH TABLE



VIGO CO.
Scale: 3"=1 MILE

APPROVED 8-7-63
J.F. Callender
 CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION

Code 0392
 S-705(2)
 SR-46 Vigo Co.
 34 Sheets

RECOMMENDED FOR APPROVAL 8-7-63
W.H. Behrens
 ENGINEER OF ROAD DESIGN - INDIANA STATE HIGHWAY COMMISSION

STATE HIGHWAY DEPARTMENT OF INDIANA
 STANDARD SPECIFICATIONS DATED 1963
 TO BE USED WITH THESE PLANS.

ROAD FILE

PARCEL LISTING FOR LAND ACQUISITION
INDIANA STATE HIGHWAY COMMISSION

PARCEL NUMBER	GRANTOR	CENTER LINE	FROM APPROX STA.	TO APPROX STA.	PLAN SHEET	BRIDGE	TOTAL AREA	R/W EXISTING	NATURE OF TITLE	LAND TO BE ACQUIRED	RESIDUE AREA	BLDG.
1	MARSH, GILBERTA M.	F	80	82	20		50,000SF		PE	2,000SF	A= 48,000SF	
2	PETZOLD, LOUIS H ET UX.	F	82	84	20		25,000SF		PE	1,000SF	A= 24,000SF	
3	HULMAN, ANTON JR. ET AL.	PR	10	17	08		376,201AC	8.552AC	LA	1,697AC	A=353,320AC	
3A		PR	17	27	08+09				LA	2,056AC		
3H		PR	27	39	09+10				LA	2,368AC		
3K		PR	39	68	10+11+12				LA	6,482AC		
3B		F	90	101	21				PE	0,819AC		
3C		PR	17	18	08				PE	0,121AC		
3D		S-42-C	52	62	23				PE	0,579AC		*
3G		PR	26	27	09				PE	0,092AC		
3J		PR	38	39	10				PE	0,115AC		
3E		S-42-C	53	54	23				TB	0,108AC		*
3F		S-42-C	54	55	23				TB	0,093AC		*
4	PIPES, LETTIA F.	F	81	82	20		33,308SF		TE	2,460SF	A= 33,308SF	
5	MACE, HARLEY E. ET UX. FRODERMAN FOUNDATION	F	84	85	20		25,000SF		PE	2,695SF	A= 22,305SF	
6	PETZOLD, LOUIS H. ET AL.	F	87	88	21		3,848AC	1.034AC	LA	0,182AC	A= 2,384AC	
6A		F	85	87	21				PE	0,248AC		
7	FRODERMAN FOUNDATION	PR	33	34	09		13,980AC		LA	0,015AC	A= 13,965AC	
8	WORLD GOSPEL CHURCH INC	PR	34	36	10		516,886SF		LA	1,342SF	A=303,162SF B=212,382SF	
9	WHALEN, EDWARD J. ET UX.	PR	50	55	11		55,040AC	0.909AC	LA	0,310	A= 53,777AC	
9A		PR	54	55	11				PE	0,034AC		
10	CITY OF TERRE HAUTE	PR	55	68	11+12		104,960AC	1.790AC	LA	1,074AC	A=101,393AC	
10A		S-42-C	38	48	22				PE	0,703AC		
11	WILSON, FLORENCE	S-42-C	38	48	22		160,000AC	5.290AC	PE	0,673AC	A=154,037AC	
12	ZIMMERMAN, JAMES W ET UX	S-42-C	55	56	23		.500AC	0.086AC	PE	0,061AC	A= 0,353AC	
13	ZIMMERMAN, CHARLES F.	C	70	79	12		46,529AC	2.618AC	LA	1,007AC	A= 41,815AC	
13A		C	81	83	13				LA	0,169AC		
13B		C	83	84	13				LA	0,085AC		
13C		C	84	86	13				LA	0,251AC		
13D		C	82	83	13				PE	0,056AC		
13E		C	83	84	13				PE	0,056AC		*
13F		S-42-C	52	55	23				PE	0,170AC		
13G		S-42-C	56	61	23				PE	0,302AC		
14	ZIMMERMAN, JOHN C. ET UX	C	79	80	13		.971AC	0.184AC	LA	0,135AC	A= 0,552AC	*
14A		C	80	81	13				LA	0,076AC		
14B		C	80	81	13				PE	0,024AC		
14C		C	79	80	13				TB	0,128AC		*
15	LEMINGER, JOHN G JR. ET UX	C	86	89	13		46,050AC	1.273AC	LA	0,329AC	A= 43,145AC	
15A		C	89	94	13				LA	0,593AC		
15B		C	94	100	13+14				LA	0,638AC		
15C		C	89	90	13				PE	0,024AC		
15D		C	94	95	13				PE	0,024AC		
15E		C	100	101	14				PE	0,024AC		
16	STURGEON, JOSEPH A ET UX	C	100	101	14		.478AC		LA	0,132AC	A= 0,320AC	*
16A		C	101	102	14				PE	0,026AC		
16B		C	100	107	14				TB	0,068AC		*
17	FOY, WARREN L. ET UX.	C	102	103	14		.472AC		LA	0,135AC	A= 0,313AC	*
17A		C	101	102	14				PE	0,024AC		
17B		C	102	103	14				TB	0,085AC		*
18	AULD, JOHN C. ET UX.	C	103	113	14+15		14,125AC	0.901AC	LA	1,150AC	A= 12,074AC	*
18D		C	111	113	15				TB	0,168AC		*
19	SMITH, VERNARD L. ET UX.	C	113	115	15		2,622AC	0.174AC	LA	0,224AC	A= 2,224AC	
20	ROCKWOOD, JAMES E. ET UX	C	115	116	15		3,004AC	0.348AC	LA	0,204AC	A= 2,209AC	
20A		C	117	118	15				LA	0,219AC		
20B		C	116	117	15				PE	0,024AC		
21	ZANT, DAVID ET UX.	C	118	119	15		1,455AC	0.397AC	LA	0,311AC	A= 0,734AC	
21A		C	120	121	15				LA	0,005AC		
21B		C	119	120	15				PE	0,008AC		

REV. 1-28-65
M.W. MYERS

REV. 12/29/64
W.E. HYDE

FILE NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12/17/64	IND.	S-705(2)	1963	11A	31

1-28-65 REV.

PARCEL LISTING FOR LAND ACQUISITION
INDIANA STATE HIGHWAY COMMISSION

PARCEL NUMBER	GRANTOR	CENTER LINE	FROM APPROX STA.	TO APPROX STA.	PLAN SHEET	BRIDGE	TOTAL AREA	R/W EXISTING	NATURE OF TITLE	LAND TO BE ACQUIRED	RESIDUE AREA	BLDG.
22	RIGGS, WILLIAM H. ET UX.	C	121	126	15+16		30,500AC	1.174AC	LA	0,591AC	A= 28,688AC	
22A		C	125	127	16		1,500AC	0.273AC	LA	0,111AC	B= 1,060AC	
22B		C	127	128	16				LA	0,029AC		
22C		C	135	136	16				LA	0,014AC		
22D		C	135	136	16				LA	0,016		
22E		C	126	127	16				PE	0,027AC		
22F		C	135	136	16				PE	0,017AC		
23	STOUGH, ERNEST E. ET UX.	C	127	128	16		1,000AC	0.182AC	LA	0,007AC	A= 0,708AC	
23A		C	128	129	16				LA	0,073AC		
23B		C	127	128	16				PE	0,030AC		
24	RUSSELL, VIRGIL L. ET UX	C	129	130	16		1,000AC	0.182AC	LA	0,076AC	A= 0,708AC	
24A	ELIMINATED 1/22/65	C	130	131	16				LA	0,006AC		
24B	ELIMINATED 1/22/65	C	129	130	16				PE	0,028AC		
25	FARR, EDMUND E. ET UX.	C	130	131	16		1,000AC	0.182AC	LA	0,066AC	A= 0,707AC	
25A		C	131	132	16				LA	0,018AC		
25B		C	130	131	16				PE	0,027AC		
26	HLATKO, GENE J. ET UX.	C	131	132	16		1,000AC	0.182AC	LA	0,007AC	A= 0,709AC	
26A		C	132	133	16				LA	0,074AC		
26B		C	131	132	16				PE	0,028AC		
27	BRIGGS, MILLARD D. ET UX	C	133	134	16		1,000AC	0.182AC	LA	0,088AC	A= 0,713AC	
27A		C	133	134	16				PE	0,017AC		
28	MURRAY, LAWRENCE A ET UX	C	134	135	16		1,000AC	0.182AC	LA	0,011AC	A= 0,724AC	
28A		C	134	135	16				LA	0,069AC		
28B		C	134	135	16				PE	0,014AC		
29	MEGENHARDT, RICHARD ET UX	C	136	138	16		2,000AC	0.364AC	LA	0,174AC	A= 1,446AC	
29A		C	138	139	16				PE	0,016AC		
30	HANLEY, CHARLES W. ET UX	C	131	132	16		.393AC	0.070AC	LA	0,017AC	A= 0,279AC	*
30A		C	132	133	16				LA	0,016AC		
30B		C	132	133	16				PE	0,011AC		
30C		C	132	133	16				TB	0,093AC		
31	OLDHAM, GEORGE H. ET UX.	C	133	134	16		.357AC	0.108AC	LA	0,020AC	A= 0,183AC	*
31A		C	133	134	16				LA	0,004AC		
31B		C	133	134	16				LA	0,022AC		
31C		C	133	134	16				PE	0,020AC		
31D		C	133	134	16				TB	0,066AC		*
32	HEIN, GUSSIE	C	139	148	16+17		74,020AC	2,962AC	LA	0,937AC	A= 40,795AC	*
32A		C	148	154	17				LA	0,676AC	B= 28,629AC	
32B		C	147	148	17				PE	0,021AC		
32C		C	148	149	17				TB	0,135AC		*
32D		C	153	154	17				TB	0,045AC		*
33	FARR, MARGARET A.	C	149	150	17		16,840AC	0.890AC	TE	0,079AC	A= 15,950AC	
34	RIPLEY, FANNIE MAE	C	154	173	18+19		49,335AC	2,283AC	LA	2,318AC	A= 44,734AC	
36	ELIMINATED NOV. 12, 64											
37	PARCEL 37 ON PROJECT S-705(2) AND PARCEL 117 ON PROJECT I-70-1(16) COVER THE SAME LAND, WITH ACQUISITION THEREOF ENTIRELY UNDER SAID PROJECT I-70-1(16).											
37	SANKEY, JAMES R.	C	174	177	19		40,000AC	1,212AC	PE	23,529AC	A= 15,259AC	
38	SHARPE, HOWARD ET UX.	F	82	83	20		25,000SF		PE	1,000SF	A= 24,000SF	
39	WILSON, FLORENCE	C	74	95	12+13		UNKNOWN	UNKNOWN	FS ACCESS RTS	A= UNKNOWN		

REV. 1/22/65 A.J. NICKSON

PARCEL ADDED 12-8-69
R.W. LIND

REV. 6-24-70 H.B. STILES

REV. 7-24-70 A. BERRY

REVISED 8-17-66
J.D. HUFFORD

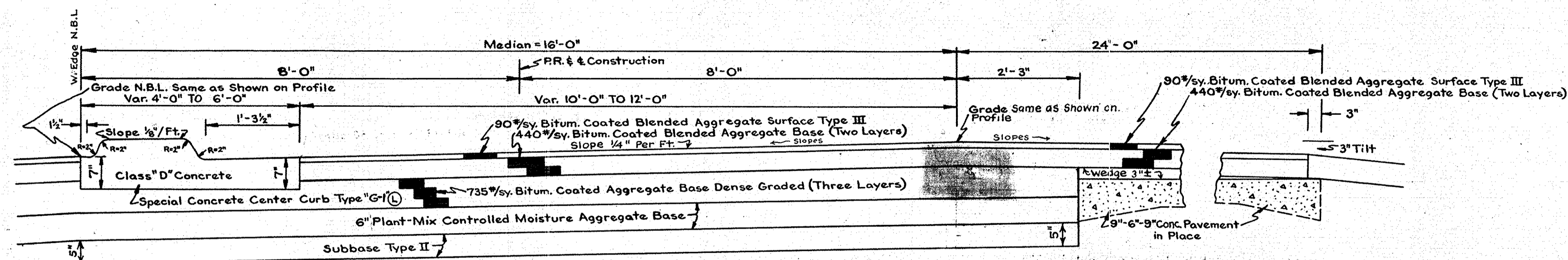
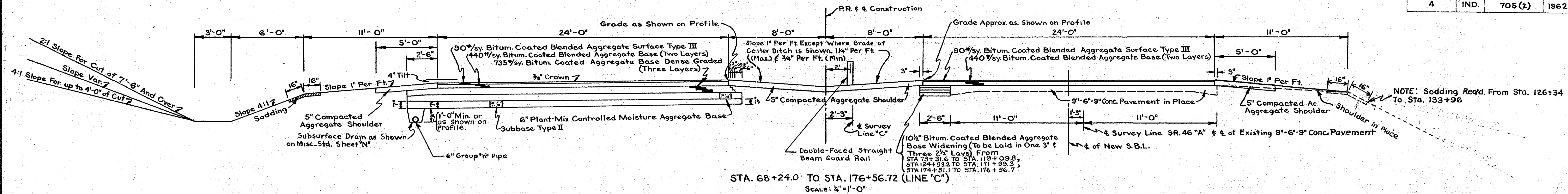
*(ASTERISK) IN THE BRIDGE COLUMN INDICATES THE PARCEL IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF A BRIDGE PROJECT.

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

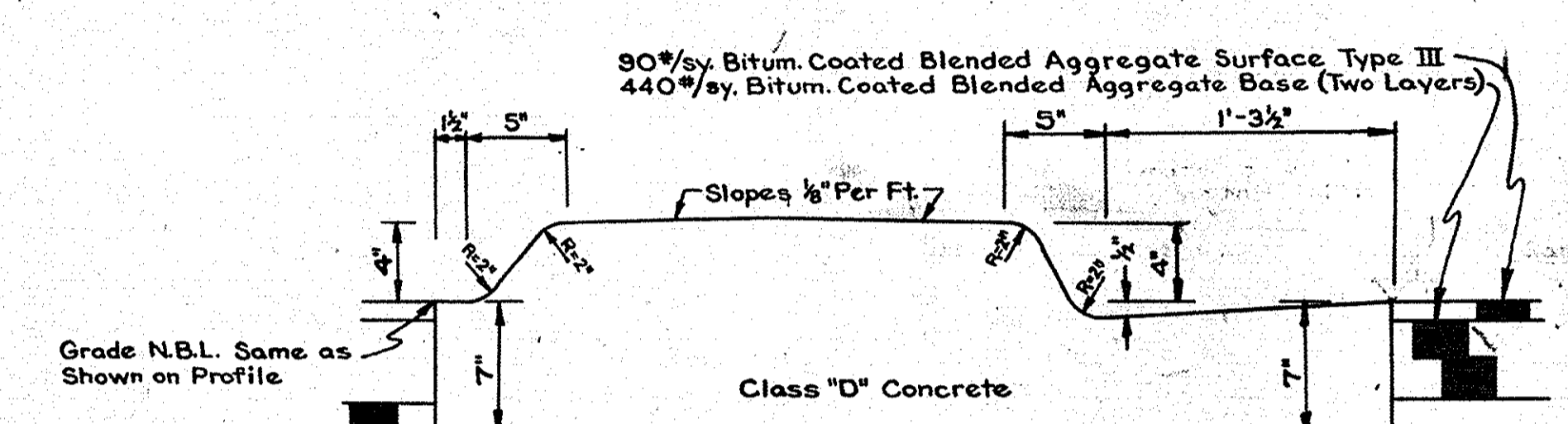
LA=LIMITED ACCESS R/W
PE=PERMANENT R/W
TE=TEMPORARY R/W
TB=TEMPORARY R/W FOR BUILDING REMOVAL ONLY
PV=PROVISIONAL R/W
QD=QUITCLAIM DEED
WD=WARRANTY DEED

40	THE 624 CORPORATION	C	162	165	18		UNKNOWN	UNKNOWN	FS ACCESS RTS	A= UNKNOWN		
40A		C	165	168	18				FS ACCESS RTS			
40B		C	168	169	18				FS ACCESS RTS			
40C		C	162	169	18				SP LEASEHOLD			

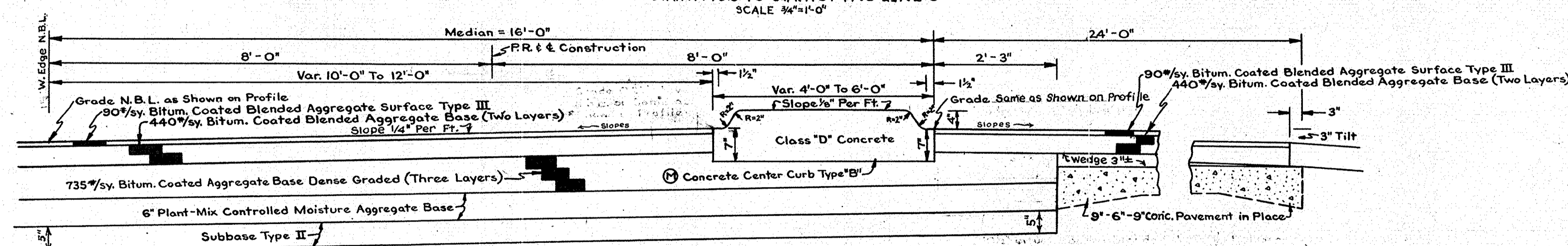
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705 (2)	1962	2	31



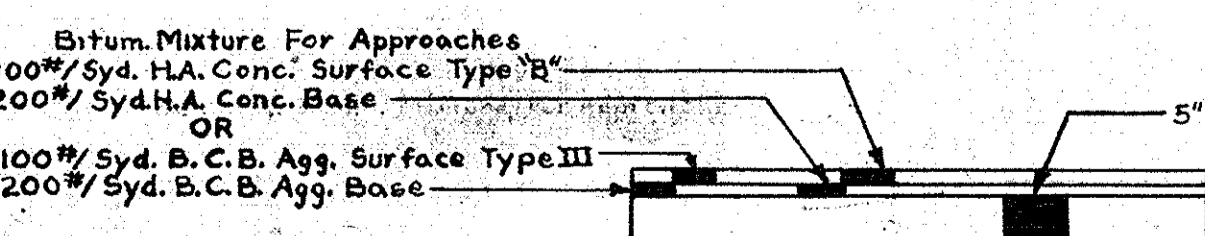
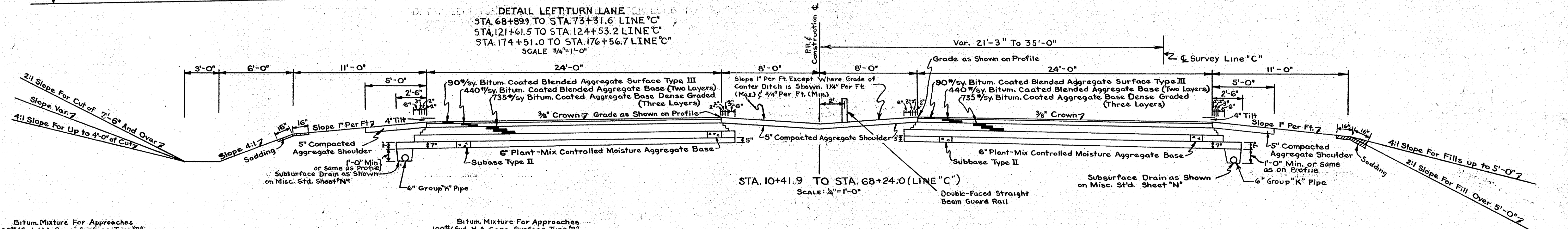
DETAIL LEFT TURN LANE
 STA. 119+09.8 TO STA. 120+51.5 LINE "C"
 STA. 171+99.3 TO STA. 173+41.0 LINE "C"
 SCALE 3/4" = 1'-0"



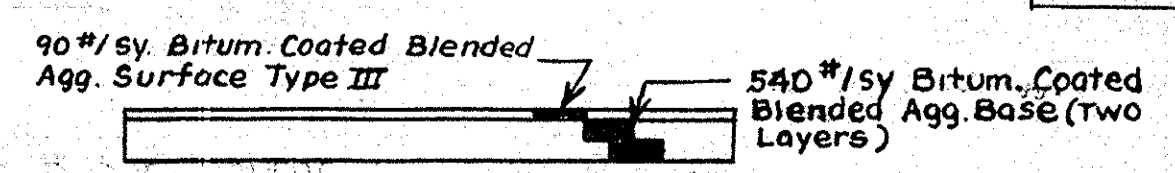
DETAIL OF SPECIAL CONCRETE CENTER CURB TYPE "G-1"
 STA. 119+09.8 TO STA. 120+51.5 LINE "C"
 STA. 171+98.3 TO STA. 173+41.0 LINE "C"
 Scale 1 1/2" = 1'-0"



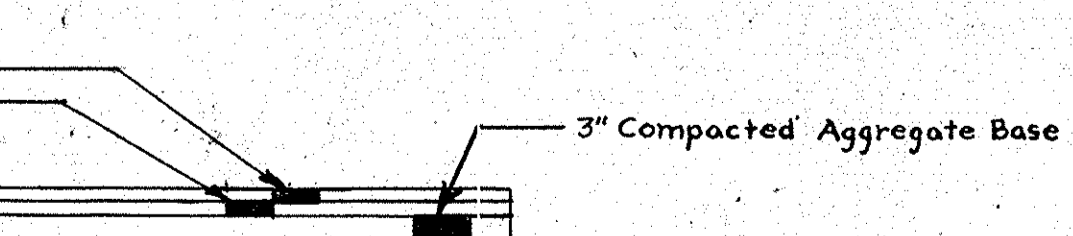
DETAIL LEFT TURN LANE
 STA. 68+89.9 TO STA. 73+31.6 LINE "C"
 STA. 121+61.5 TO STA. 124+53.2 LINE "C"
 STA. 174+51.0 TO STA. 176+56.7 LINE "C"
 SCALE 3/4" = 1'-0"



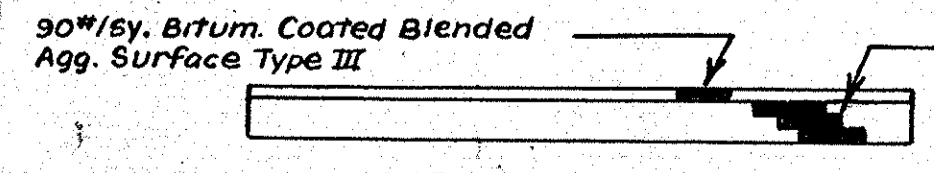
TYPICAL SECTION FOR PUBLIC RD. APPROACHES, COMM. DRIVES
 NOT TO SCALE



TYPICAL SECTION FOR PRIVATE DRIVE CROSSOVERS
 NOT TO SCALE



TYPICAL SECTION FOR PRIVATE DRIVES
 NOT TO SCALE



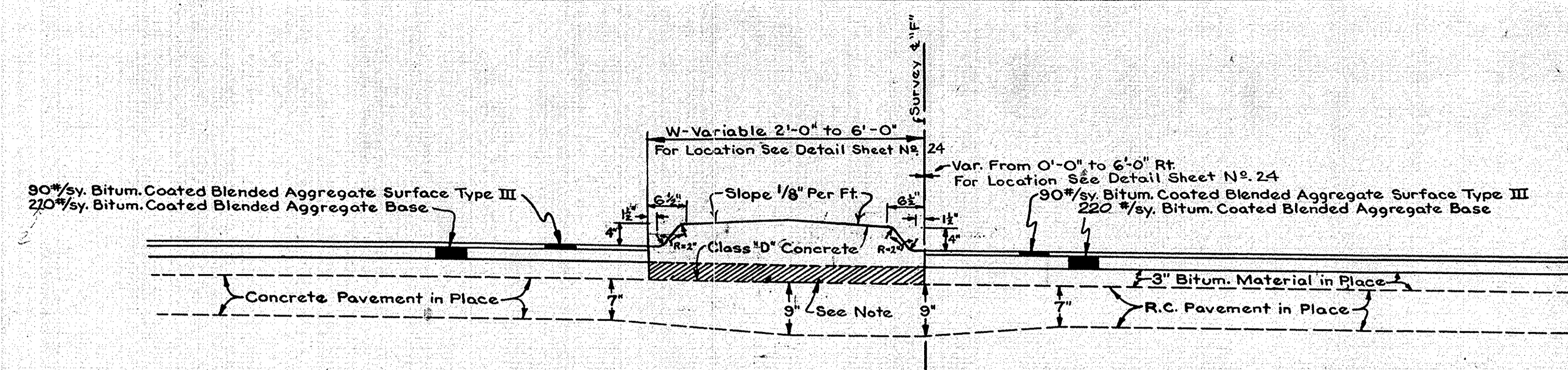
TYPICAL SECTION FOR COMMERCIAL DRIVE CROSSOVERS
 NOT TO SCALE

TYPICAL CROSS SECTIONS

SCALE: TO BE AS SHOWN

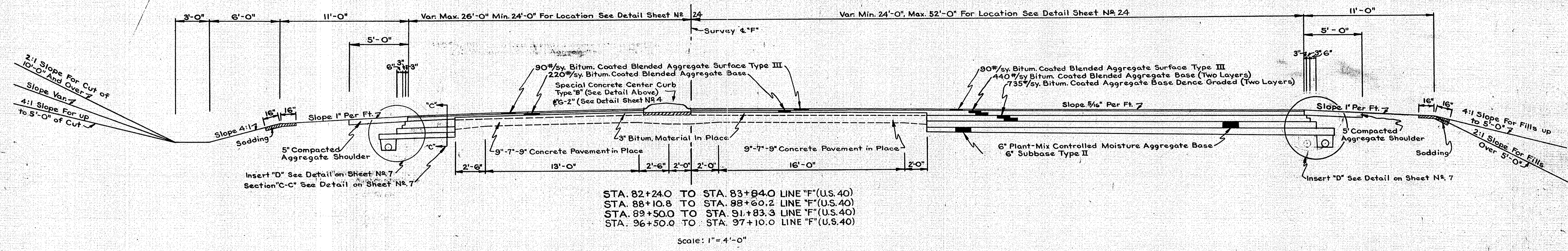
RECOMMENDED FOR APPROVAL _____
 APPROVED _____
 CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION
 ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705 (2)	1962	3	31

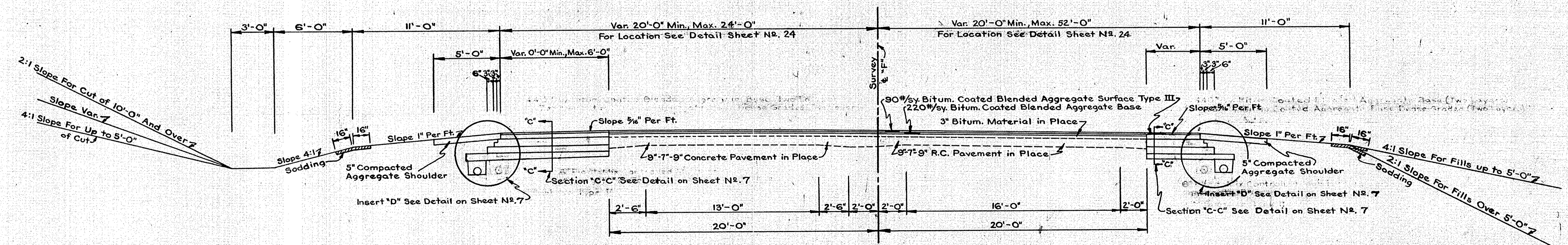


(L) DETAIL SPECIAL CONCRETE CENTER CURB TYPE "B"
 STA. 82+24.0 TO STA. 83+84.0 LINE "F" (U.S. 40)
 STA. 88+10.8 TO STA. 88+60.2 (U.S. 40) LINE "F"
 STA. 96+50.0 TO STA. 97+10.0 (U.S. 40) LINE "F"
 SCALE: 3/8" = 1'-0"

NOTE: Remove Present Bituminous Surface Down to the Concrete Pavement in Place. The Cost of Removal to be Included in the Unit Cost Price of Special Concrete Center Curb Type "B"



STA. 82+24.0 TO STA. 83+84.0 LINE "F" (U.S. 40)
 STA. 88+10.8 TO STA. 88+60.2 LINE "F" (U.S. 40)
 STA. 89+50.0 TO STA. 91+83.3 LINE "F" (U.S. 40)
 STA. 96+50.0 TO STA. 97+10.0 LINE "F" (U.S. 40)
 Scale: 1" = 4'-0"



STA. 79+74.0 TO STA. 82+24.0 LINE "F" (U.S. 40)
 STA. 88+60.2 TO STA. 89+50.0 LINE "F" (U.S. 40)
 STA. 97+10.0 TO STA. 99+50.0 LINE "F" (U.S. 40)
 Scale: 1" = 4'-0"

TYPICAL CROSS SECTIONS

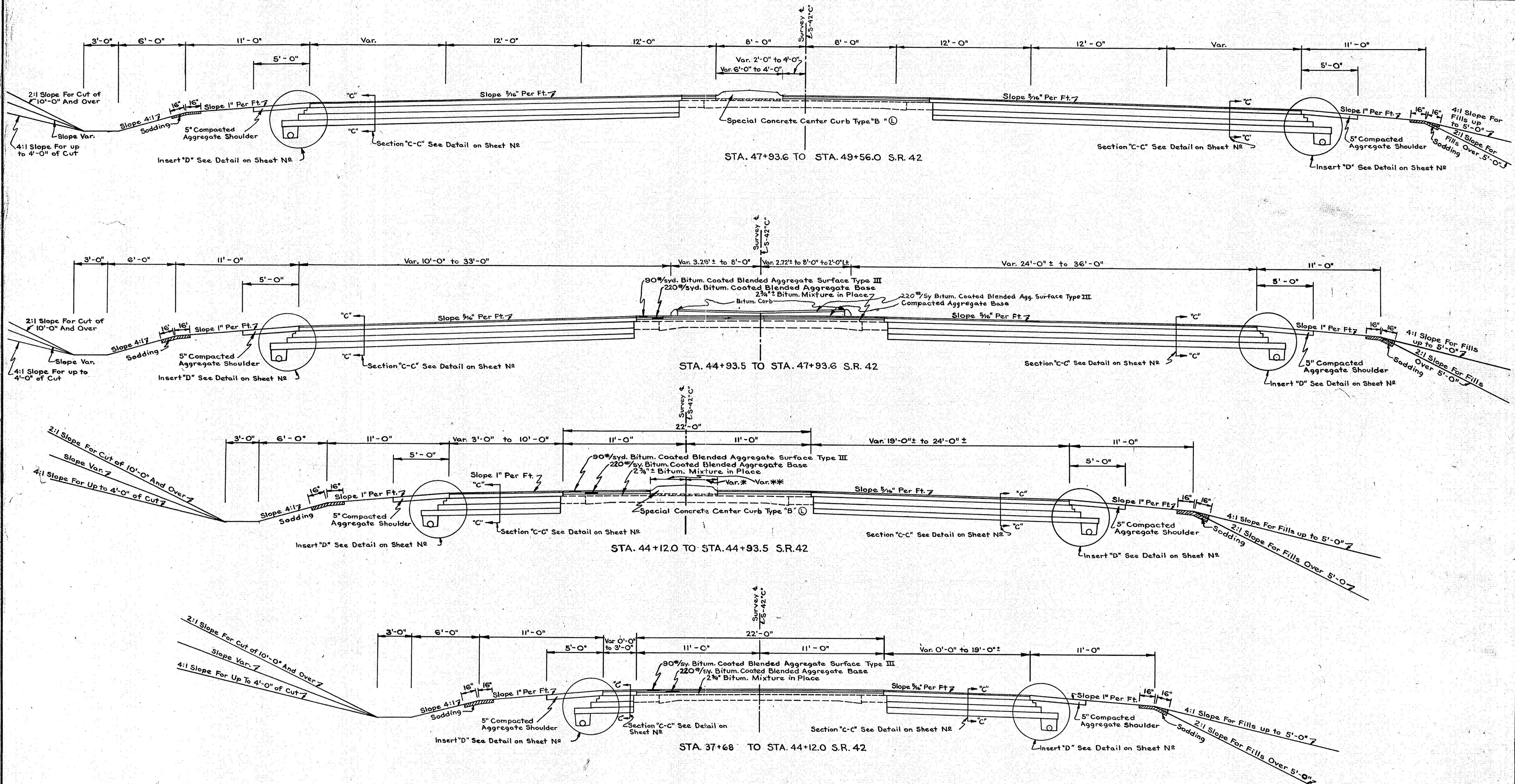
SCALE: As Shown

RECOMMENDED FOR APPROVAL _____

APPROVED _____
 CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION

ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705 (2)	1962	5	31



TYPICAL CROSS SECTIONS

SCALE: 1" = 4'-0"

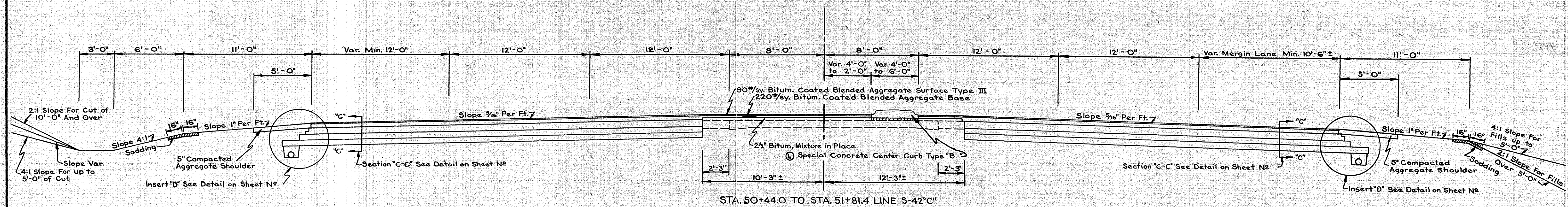
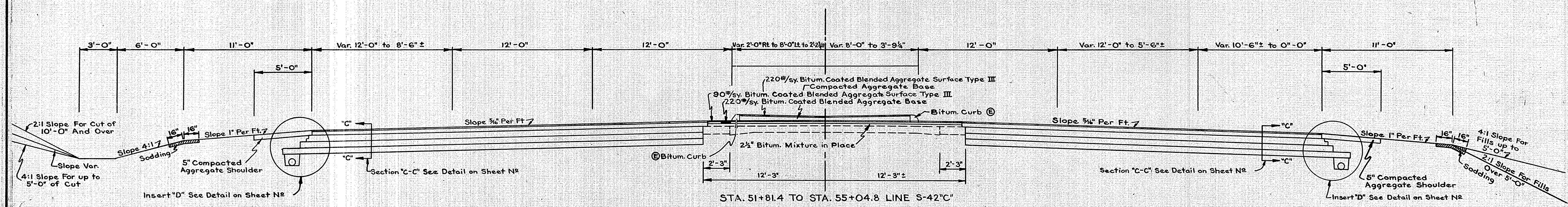
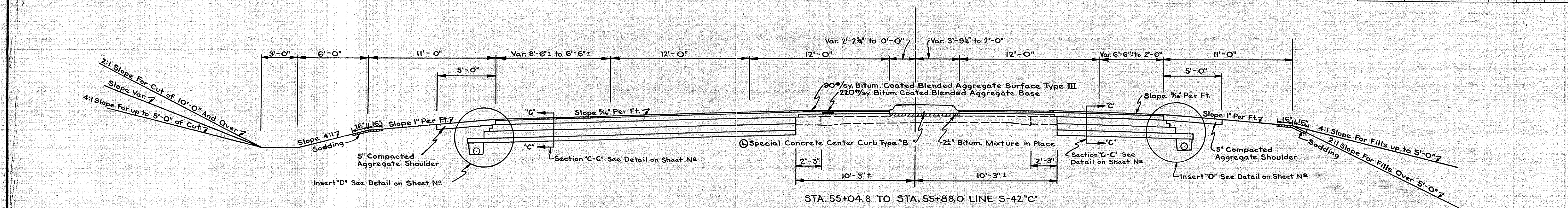
RECOMMENDED FOR APPROVAL _____

APPROVED _____

CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION

ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705(2)	1962	6	31



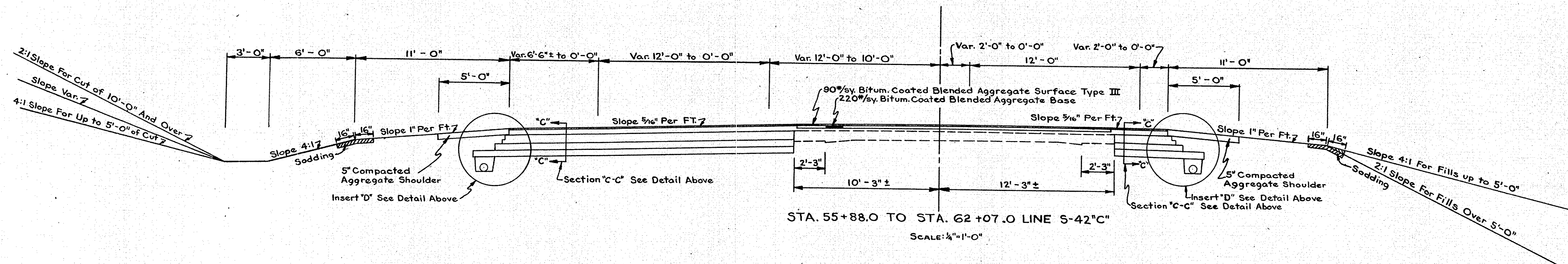
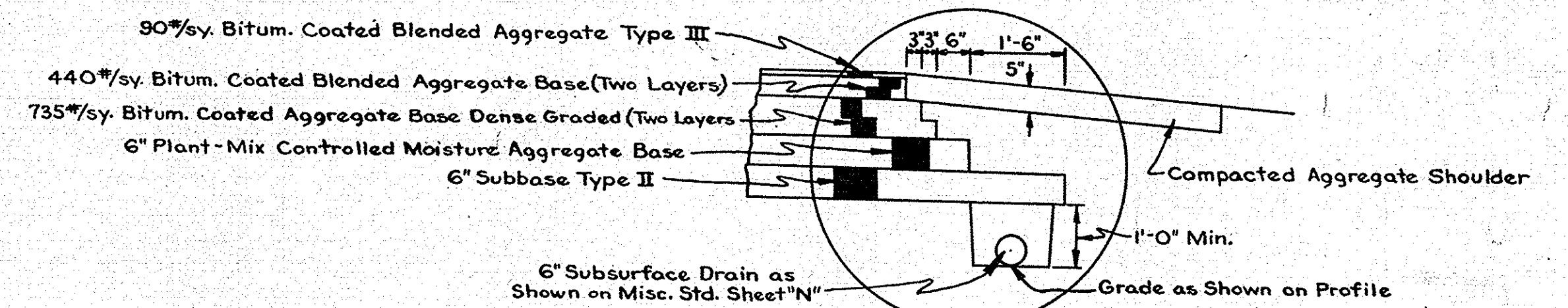
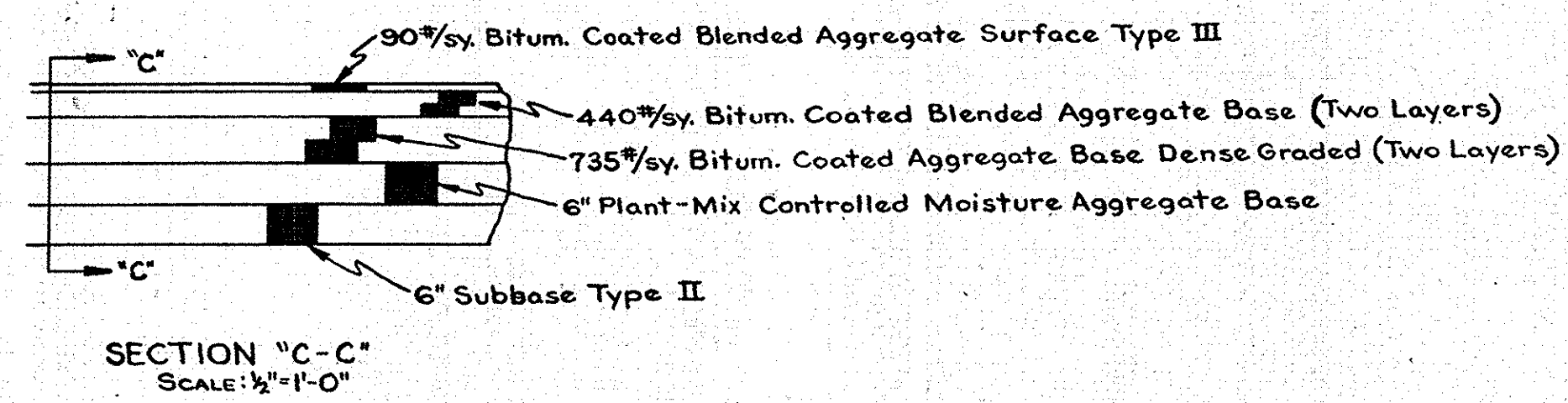
TYPICAL CROSS SECTIONS

SCALE: 1" = 4'-0"

APPROVED _____
 CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION
 ENGINEER OF ROAD DESIGN - INDIANA STATE HIGHWAY COMMISSION

RECOMMENDED FOR APPROVAL _____

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705 (2)	1962	7	37



TYPICAL CROSS SECTIONS

SCALE: AS SHOWN

APPROVED

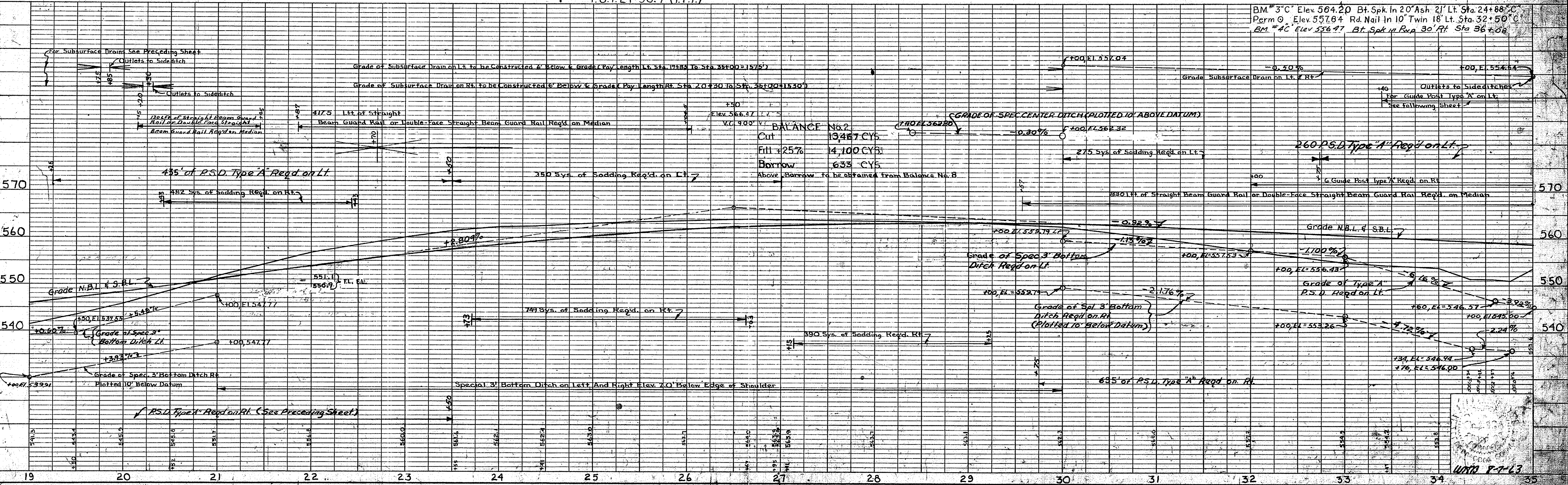
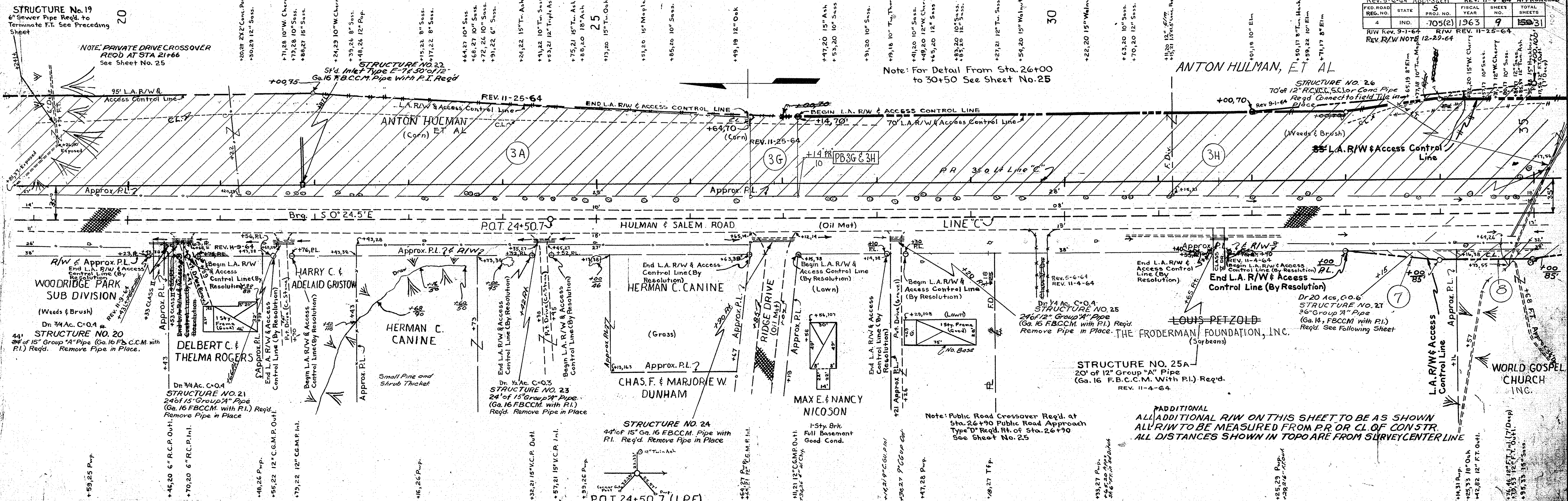
CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION

RECOMMENDED FOR APPROVAL

ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
705 (2)		7	37	

REV.	DATE	BY	DESCRIPTION
REV. 11-4-64	Approach		
REV. 5-6-64	Approach		
REV. 11-9-64	APPROACH		
REV. 11-25-64			
REV. 12-29-64	R/W		



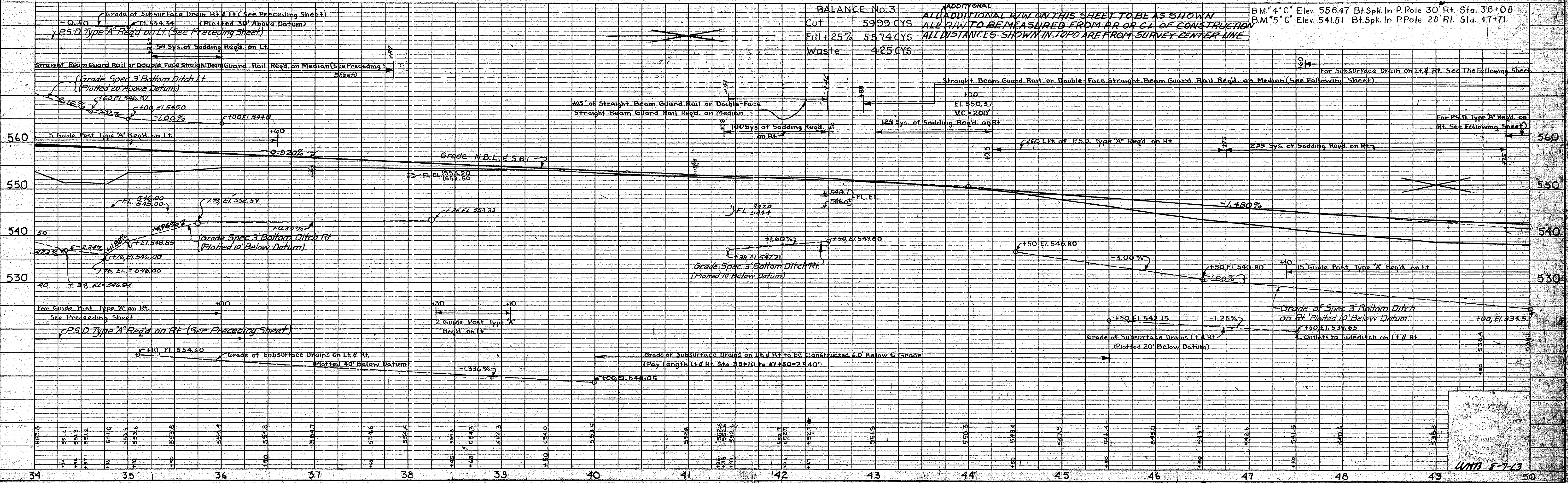
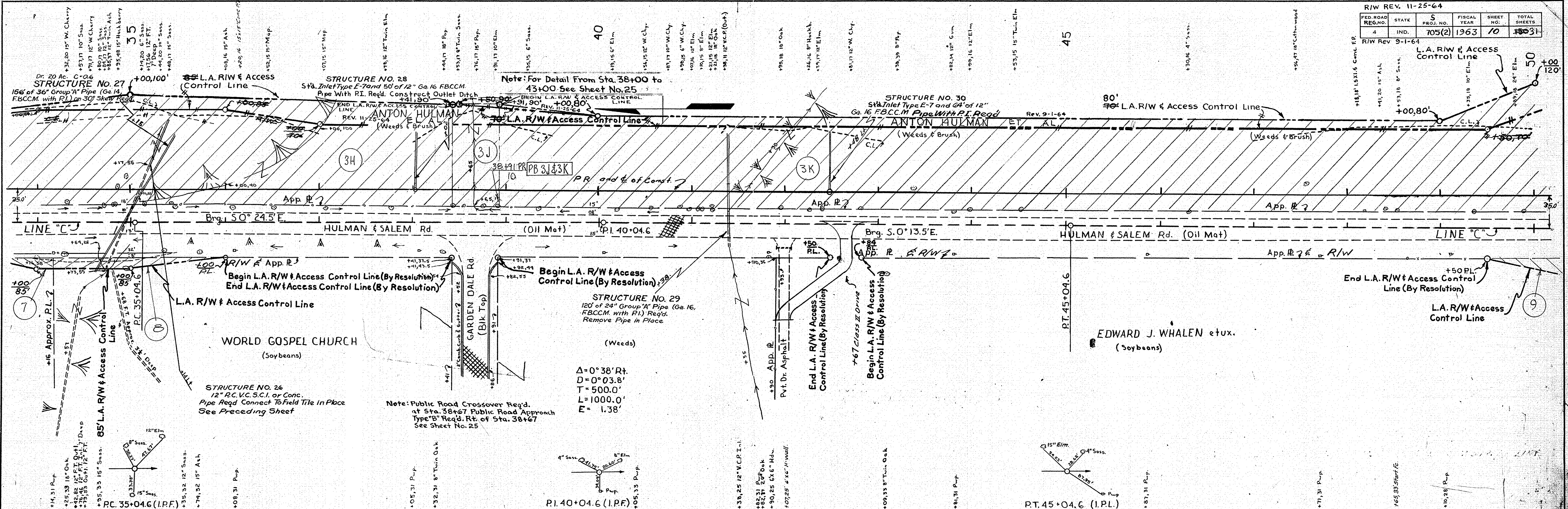
DATE	BY	REVISION
5/15/64	J. WESTFALL	REVISED
7/17/64	J. WESTFALL	REVISED

DATE	BY	REVISION
5/15/64	J. WESTFALL	REVISED
7/17/64	J. WESTFALL	REVISED

R/W NOTE REV. 12-29-64
R/W REV. 11-25-64

REG. NO.	STATE	S	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705(2)	1963	10	10031

R/W Rev 9-1-64
L.A. R/W & Access Control Line



BALANCE No. 3

Cut	5999 CYS
Fill + 25%	5574 CYS
Waste	425 CYS

ADDITIONAL
ALL DISTANCES SHOWN IN TOPO ARE FROM SURVEY CENTER LINE

B.M. "4" C. Elev. 556.47 Bt. Spk. in P. Pole 30' Rt. Sta. 36+08
B.M. "5" C. Elev. 541.51 Bt. Spk. in P. Pole 28' Rt. Sta. 47+71

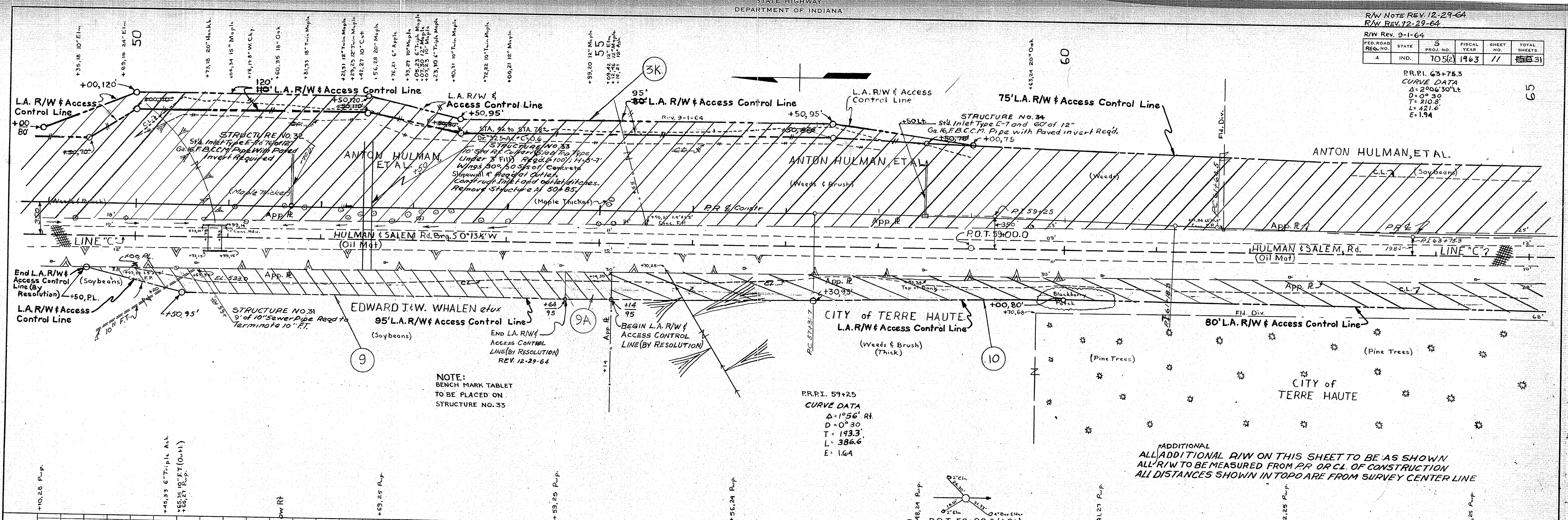
DATE: 11/25/64
BY: J.E. WESTFALL
CHECKED: R.W. MANN
NOTE: BOOK ALIGNMENT CHECKED. R/W MANN NOTATED RT. OF WAY CHECKED.

DATE: 11/25/64
BY: J.E. WESTFALL
CHECKED: R.W. MANN
NOTE: BOOK GRADES CHECKED. R/W MANN NOTATED RT. OF WAY CHECKED.

R/W NOTE REV. 12-29-64
R/W REV. 12-29-64

FED. ROAD REG. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	7052	1963	11	53

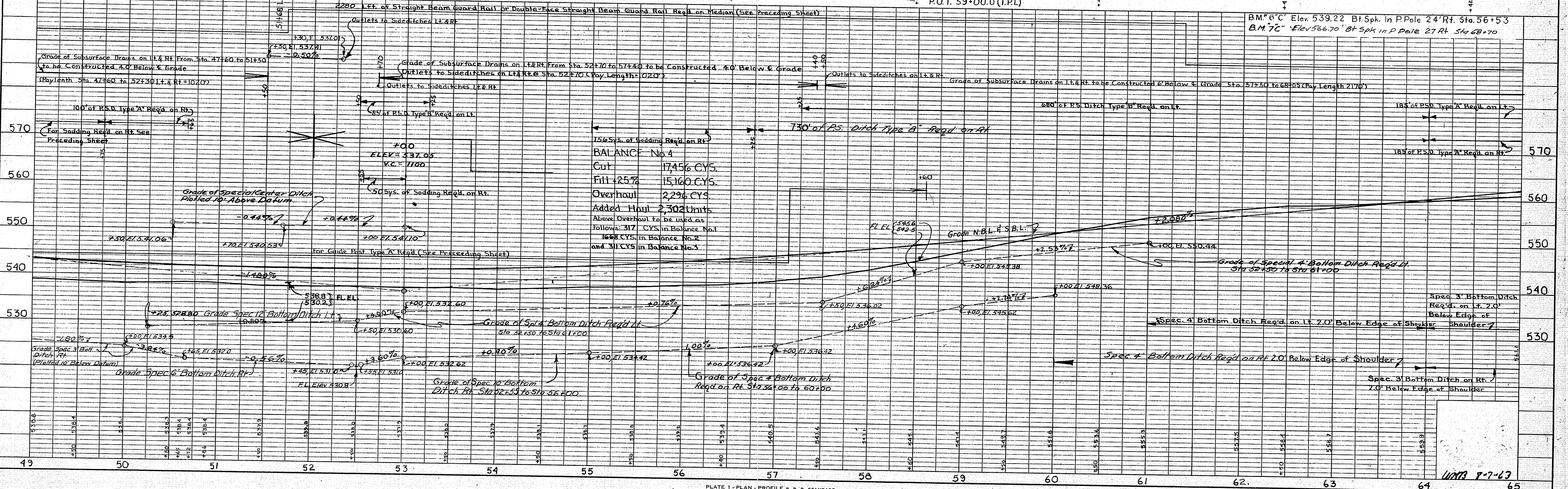
PR.P. 63+75.3
CURVE DATA
Δ = 2°06'30" Lt
D = 0°30'
T = 210.8'
L = 421.6'
E = 1.94



NOTE:
BENCH MARK TABLE
TO BE PLACED ON
STRUCTURE NO. 33

PR.P. 59+25
CURVE DATA
Δ = 1°56' Rt
D = 0°30'
T = 193.3'
L = 386.6'
E = 1.64

ADDITIONAL
ALL ADDITIONAL R/W ON THIS SHEET TO BE AS SHOWN
ALL R/W TO BE MEASURED FROM P/R OR C.L. OF CONSTRUCTION
ALL DISTANCES SHOWN IN TOPO ARE FROM SURVEY CENTER LINE



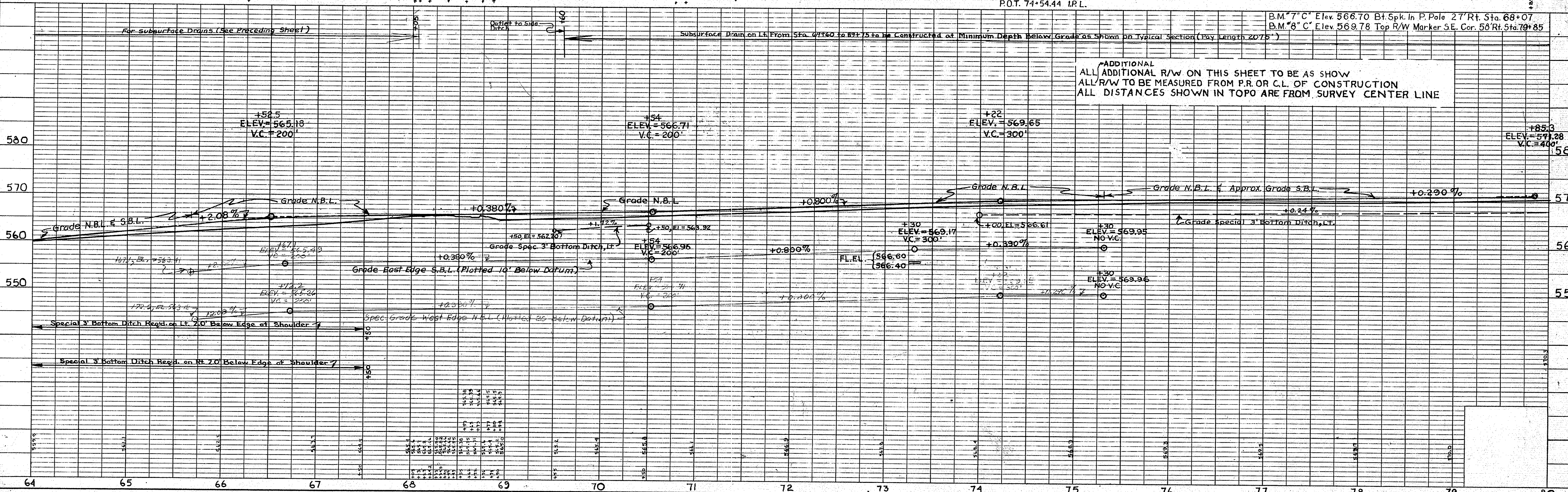
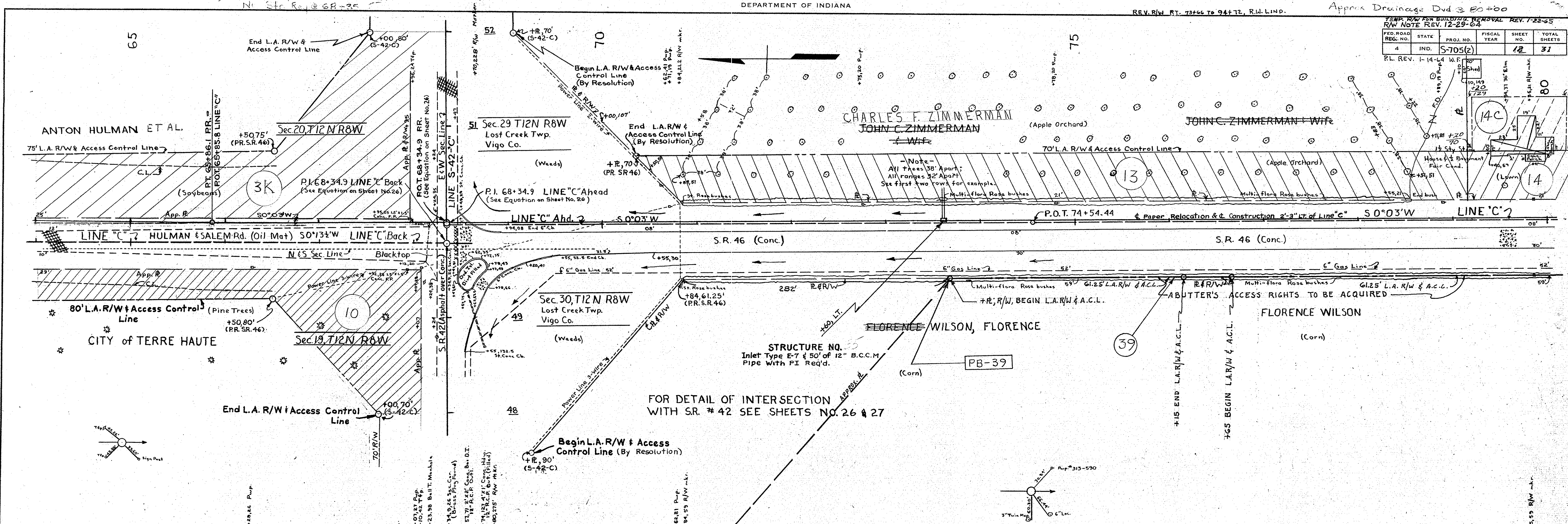
DATE SURVEYED
DATE PLOTTED
NOTE BOOK
NO. 1488-T
STRUCTURE NO. 1488-T

DATE SURVEYED
DATE PLOTTED
NOTE BOOK
NO. 1488-T
STRUCTURE NO. 1488-T

FED. ROAD REG. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	S-705(2)		12	31

DATE	BY	BY
07/14	JAMES FALL	C.E. DEMLOW
10/16/11	C.E. DEMLOW	R.W. HAYES

DATE	BY	BY
07/14	JAMES FALL	C.E. DEMLOW
10/16/11	C.E. DEMLOW	R.W. HAYES

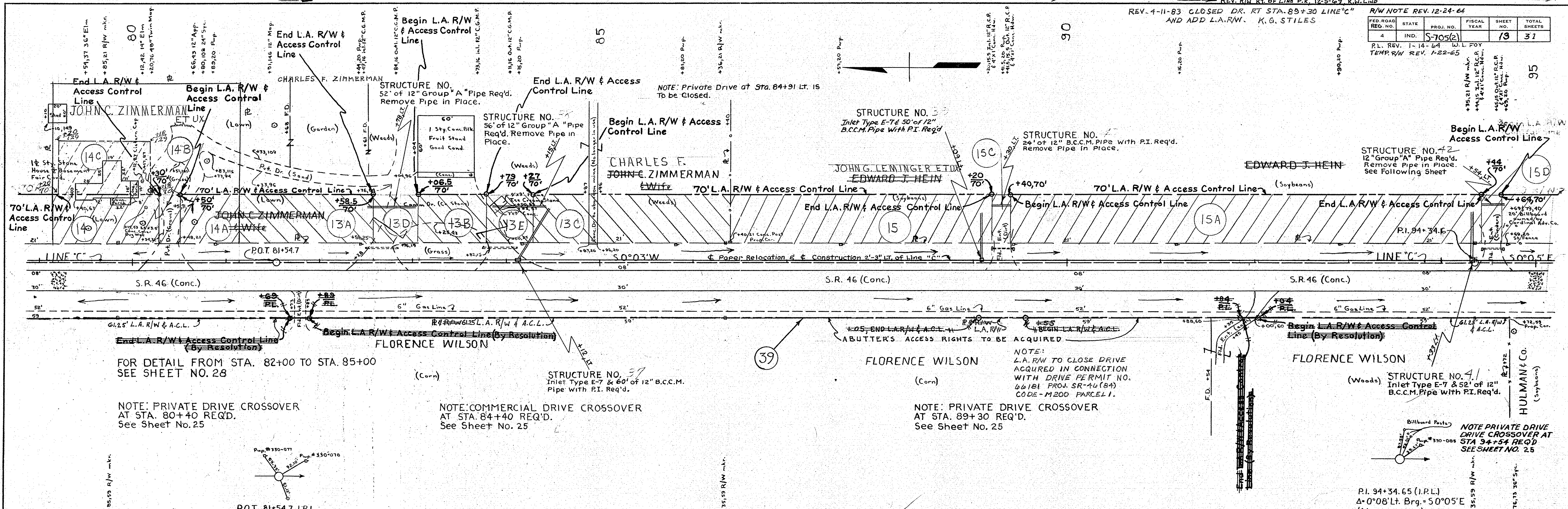


ADDITIONAL ALL ADDITIONAL R/W ON THIS SHEET TO BE AS SHOW ALL R/W TO BE MEASURED FROM P.R. OR C.L. OF CONSTRUCTION ALL DISTANCES SHOWN IN TOPO ARE FROM SURVEY CENTER LINE

R/W NOTE REV. 12-24-64				
FED. ROAD REG. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.
4	IND.	S-705(2)		13
TOTAL SHEETS 37				
P.L. REV. 1-14-64 W.L. F.O.Y.				
TEMP. R/W REV. 1-22-65				

DATE	BY
8/14/64	J.F. WESTFALL
8/14/64	C.E. DEWILLOW
8/14/64	R.W. TRAVIS
SURVEYED	
PLOTTED	
CHECKED	
NO. 1429-L	
STRUCTURE NOTATIONS CHECKED	

DATE	BY
8/14/64	J.F. WESTFALL
8/14/64	C.E. DEWILLOW
8/14/64	R.W. TRAVIS
SURVEYED	
PLOTTED	
CHECKED	
NO. 1429-L	
STRUCTURE NOTATIONS CHECKED	



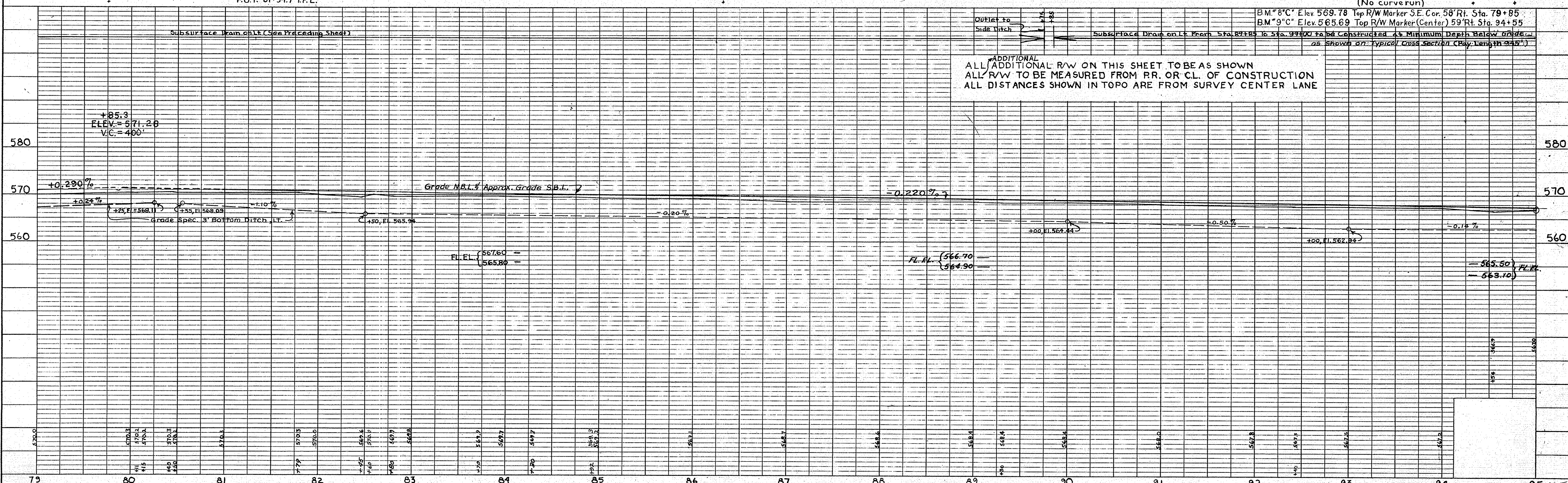
FOR DETAIL FROM STA. 82+00 TO STA. 85+00 SEE SHEET NO. 28

NOTE: PRIVATE DRIVE CROSSOVER AT STA. 80+40 REQ'D. See Sheet No. 25

NOTE: COMMERCIAL DRIVE CROSSOVER AT STA. 84+40 REQ'D. See Sheet No. 25

NOTE: PRIVATE DRIVE CROSSOVER AT STA. 89+30 REQ'D. See Sheet No. 25

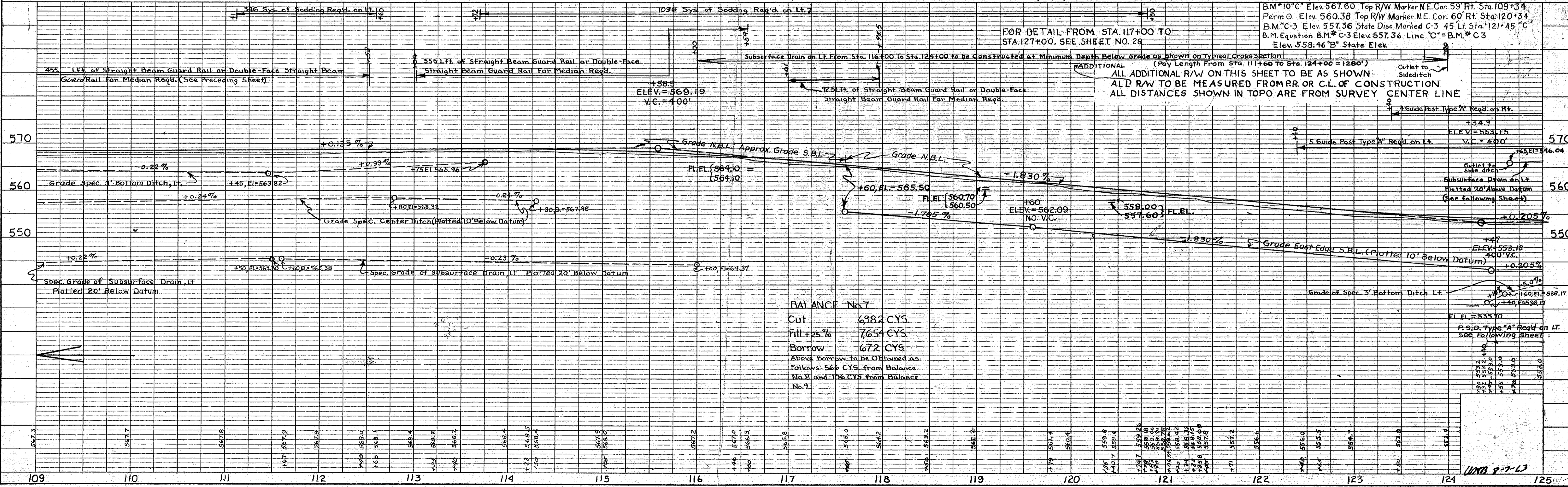
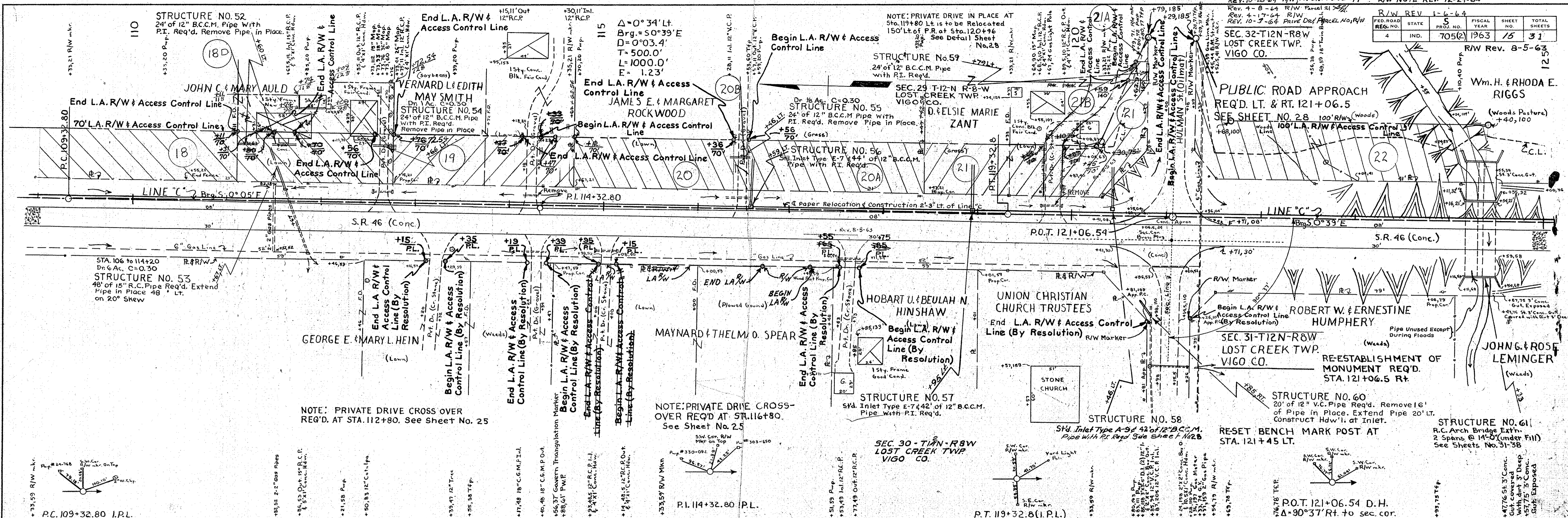
NOTE PRIVATE DRIVE CROSSOVER AT STA. 94+54 REQ'D. SEE SHEET NO. 25



R/W REV.	1-6-64
PROJ. NO.	705(2)
FISCAL YEAR	1963
SHEET NO.	15
TOTAL SHEETS	31

DATE	10/6/64
BY	C. W. STEVENS
CHECKED	R. W. MANN
NO.	1428-II

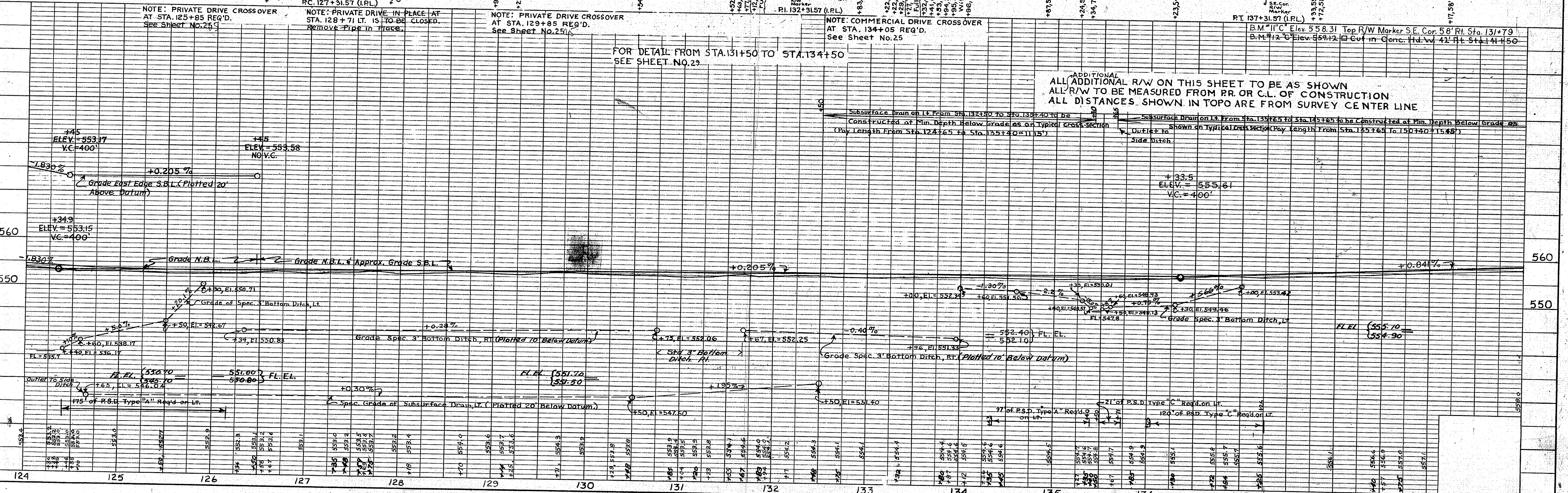
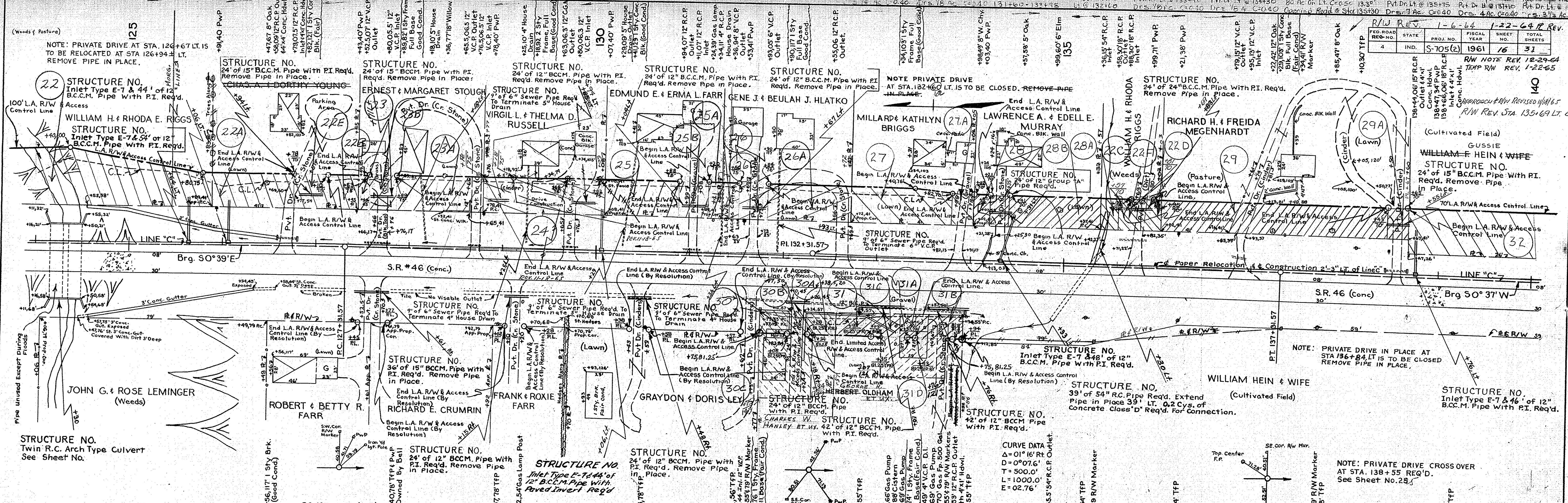
DATE	10/6/64
BY	C. W. STEVENS
CHECKED	R. W. MANN
NO.	1428-I



REV.	DATE	BY	REASON
1-6-64			
1-22-64			
1-22-64			
1-22-65			

DATE	BY	REASON
7/15/64	G.M. SMOCK	DESIGNED
7/15/64	G.M. SMOCK	PLANNED
7/15/64	G.M. SMOCK	NOTED
7/15/64	G.M. SMOCK	CHECKED
7/15/64	G.M. SMOCK	APPROVED

DATE	BY	REASON
7/15/64	G.M. SMOCK	DESIGNED
7/15/64	G.M. SMOCK	PLANNED
7/15/64	G.M. SMOCK	NOTED
7/15/64	G.M. SMOCK	CHECKED
7/15/64	G.M. SMOCK	APPROVED

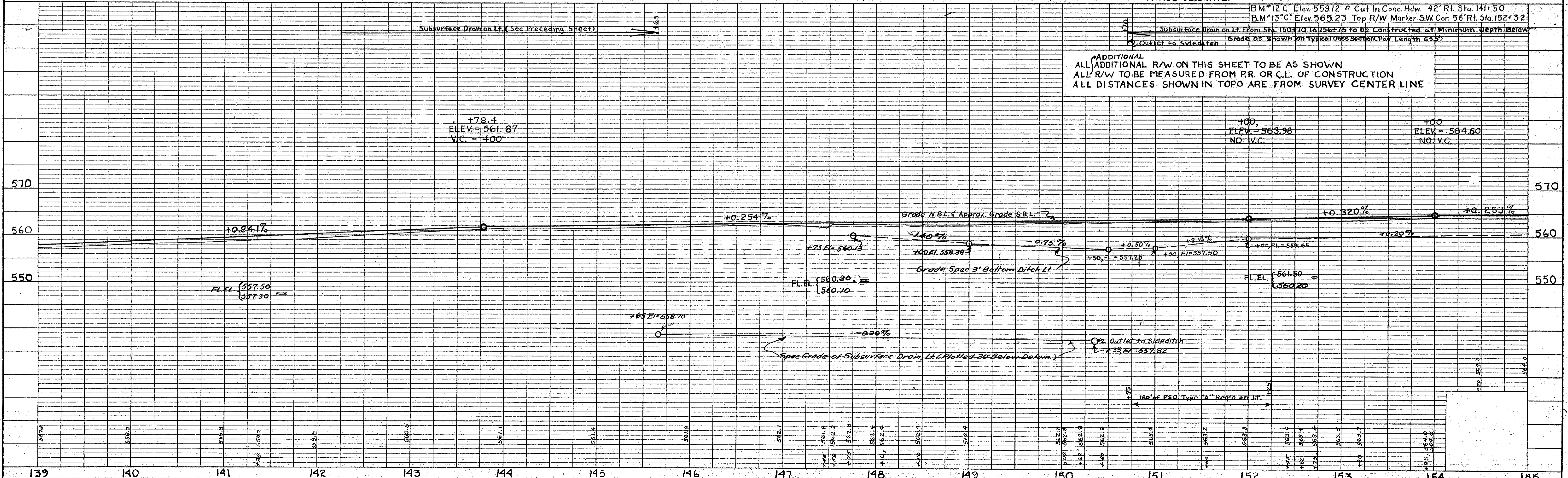
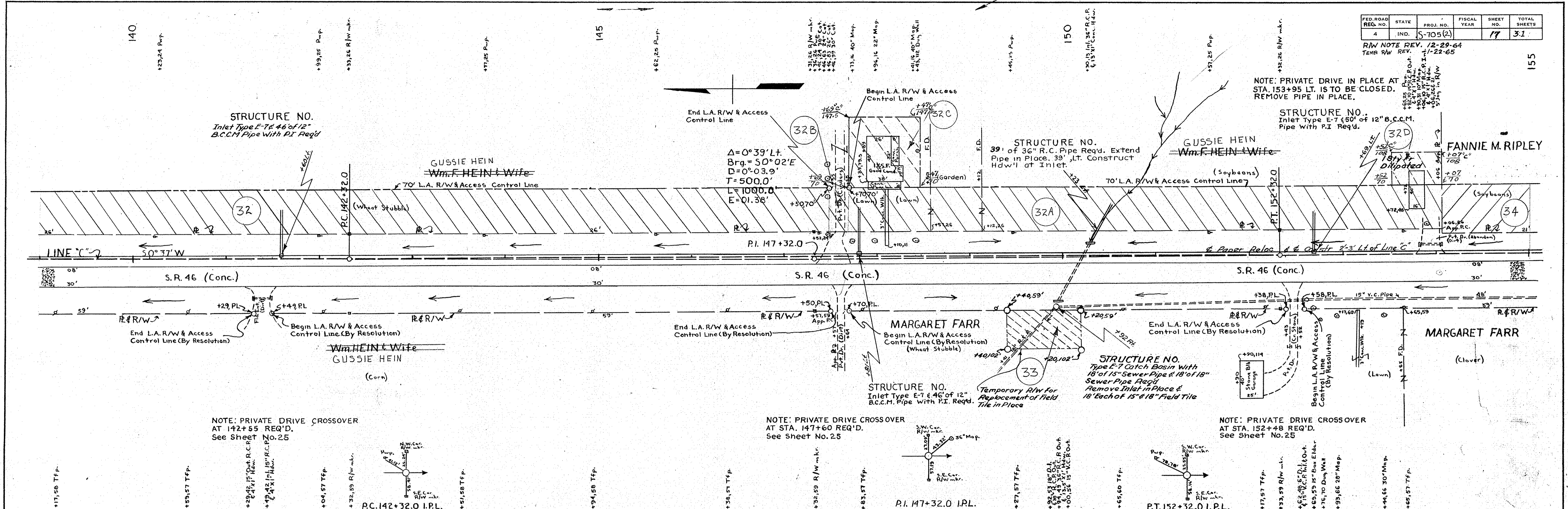


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	S-705(2)		77	31

R/W NOTE REV. 12-29-64
 TEMP. R/W REV. 1-22-65

DATE 8/7/64
 BY J.E. WESTFALL
 CHECKED S.E. DEWILLOW
 NO. 7428-7
 STRUCTURE NO. 32

DATE 8/7/64
 BY J.E. WESTFALL
 CHECKED S.E. DEWILLOW
 NO. 7428-7
 STRUCTURE NO. 32



ADDITIONAL ALL ADDITIONAL R/W ON THIS SHEET TO BE AS SHOWN ALL R/W TO BE MEASURED FROM P.R. OR C.L. OF CONSTRUCTION ALL DISTANCES SHOWN IN TOPO ARE FROM SURVEY CENTER LINE

Rec. Use Present 12" Pipe Under P.I. Dr. On Rt. a Sta. 156+55

Rec. Use Present 15" Pipe Under P.I. Dr. On Rt. a Sta. 159+60

Use Present 15" Pipe Under P.I. Dr. On Rt. a Sta. 160+45

STATE HIGHWAY DEPARTMENT OF INDIANA

Sta. 162+55 Note This Pipe is Used As An Equivocal Water Flow North to Side Ditches And From Right Into Present 15" Pipe

Rec. Use Present 12" Pipe Under P. Ent. Rt. a Sta. 167+00 Drains 1/4 Ac. C=0.30

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	S-105(2)	1963	18	31

Rev. 5-6-64 Approach
R/W NOTE REV. 12-29-64
REV. 6-23-70 ADDED 70'±50' OPENING RT. STA. 163+05 AND 168+41 RESPECTIVELY.
K.G. STILES

DATE	BY	REVISION
6-7-64	J.F. WESTFALL	FINAL
	C. DEMLOW	PLOTTED
	R.W. MAW	NO. 1428-T.R.T. OF WAY CHECKED

DATE	BY	REVISION
11-2-64 <td>J.F. WESTFALL <td>FINAL </td></td>	J.F. WESTFALL <td>FINAL </td>	FINAL
	C. DEMLOW <td>PLOTTED </td>	PLOTTED
	R.W. MAW <td>NO. 1428-T.R.T. OF WAY CHECKED </td>	NO. 1428-T.R.T. OF WAY CHECKED
		STRUCTURE NOTATIONS CHKD.

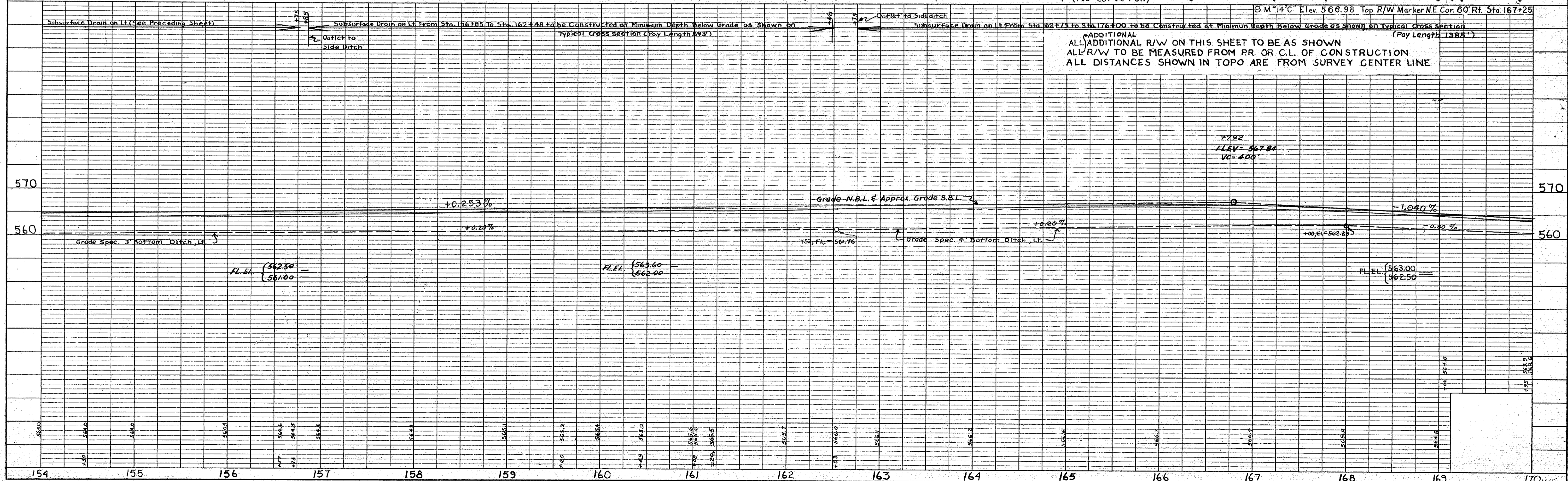
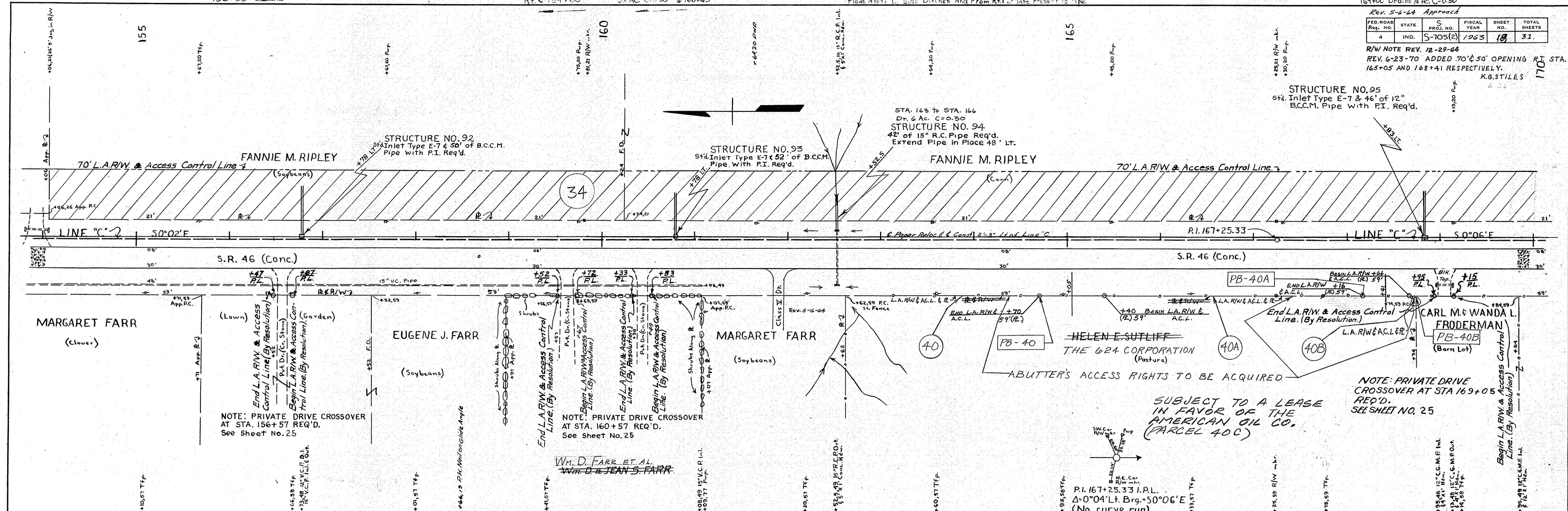
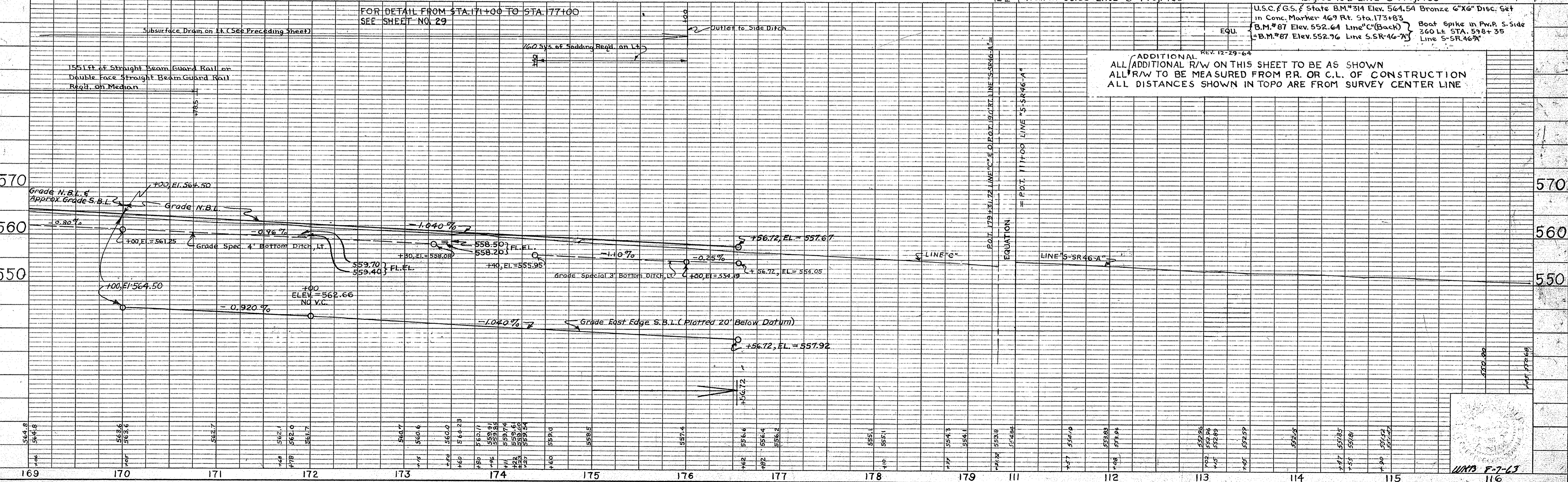
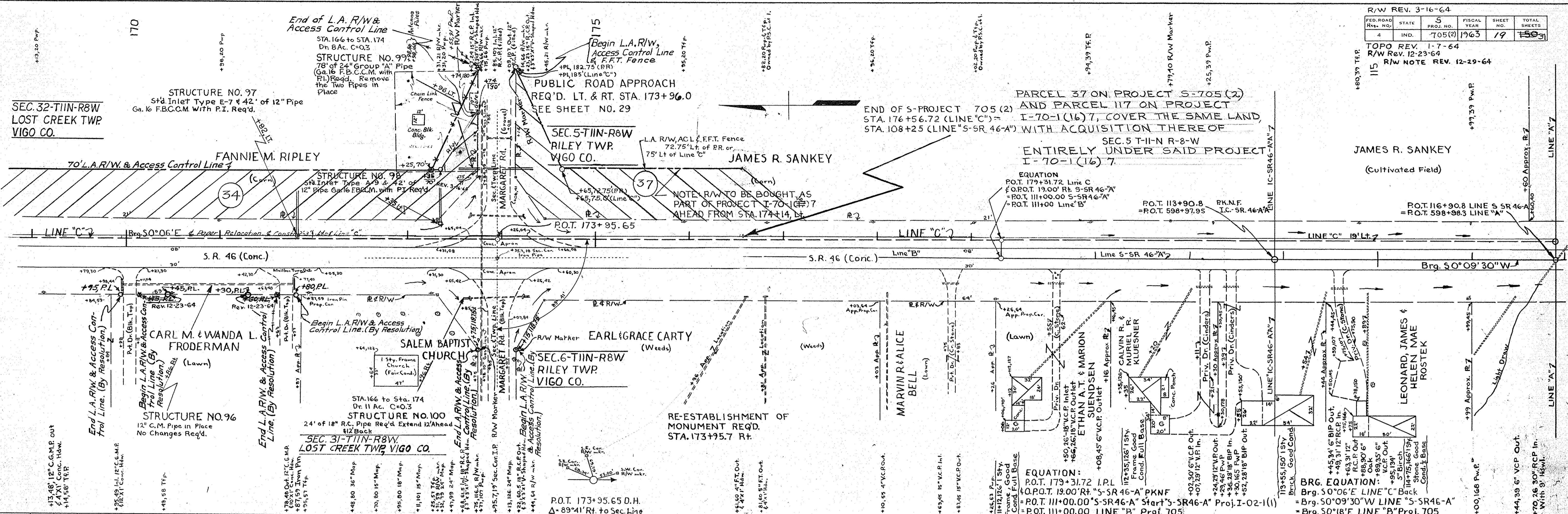


PLATE 1 - PLAN - PROFILE R. R. STANDARD MARBAUGH ENG. & SUPPLY CO.

PROJ.	LINE	SHEET	FILE
S-105(2)	C	18	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705(2)	1963	19	150

TOPO REV. 1-7-64
R/W NOTE REV. 12-29-64

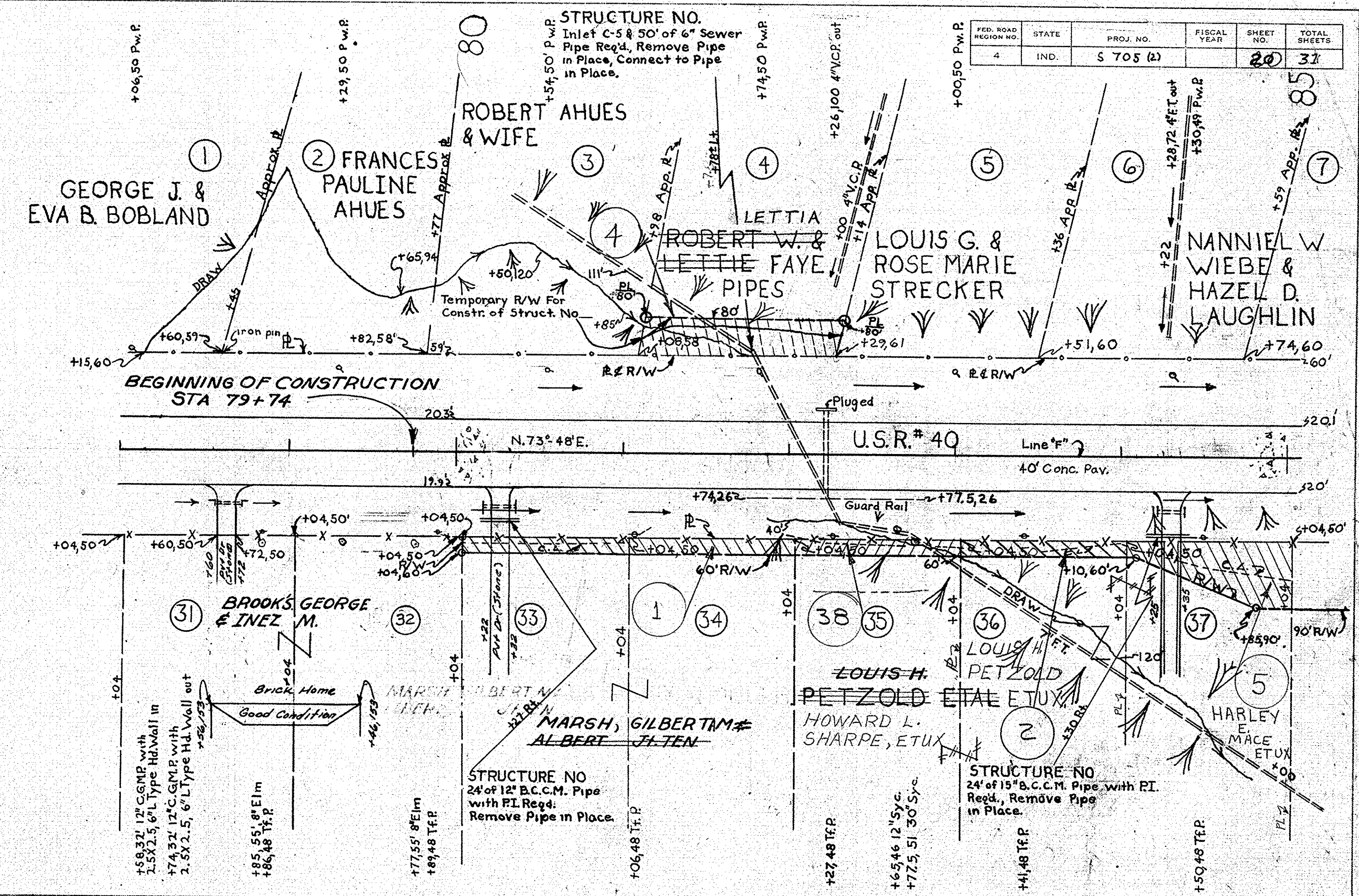


PLAN
SURVEYED BY J.F. WESTGALL, G.M. RONEY, A.W. MAY
DATE 9/27/61, 10/19/61, 11/5/61
NOTE BOOK NO. 4423-L
GRADES CHECKED BY B.M. NOTED
STRUCTURE NOTATIONS CHKD

PROFILE
SURVEYED BY J.F. WESTGALL, G.M. RONEY, A.W. MAY
DATE 9/27/61, 10/19/61, 11/5/61
NOTE BOOK NO. 4423-L
GRADES CHECKED BY B.M. NOTED
STRUCTURE NOTATIONS CHKD

PLAN
 SUPERVISED BY: **E. F. Westfall**
 PLOTTED BY: **C. E. Coakley**
 NOTE BOOK: **R.W. Plays**
 No. 67271
 STRUCTURE NOTATIONS CHECKED

PROFILE
 SUPERVISED BY: **E. F. Westfall**
 PLOTTED BY: **C. E. Coakley**
 NOTE BOOK: **R.W. Plays**
 No. 67301
 STRUCTURE NOTATIONS CHECKED



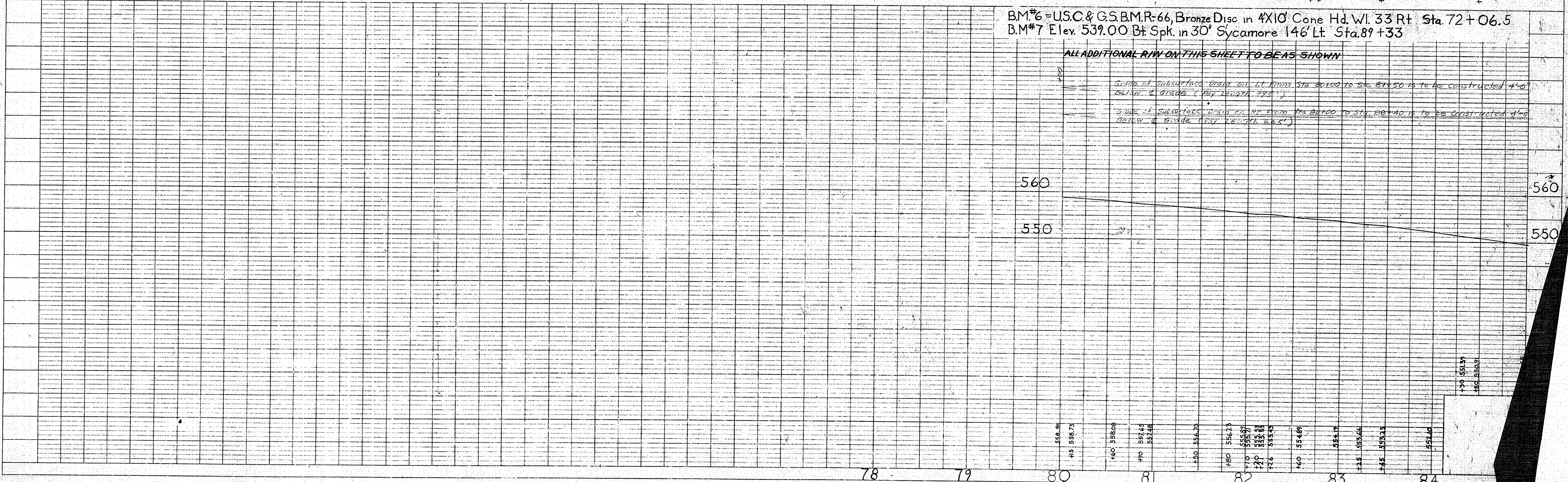
FED. ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	S 705 (2)		20	37

BM #6 = U.S.C. & G.S. B.M.R-66, Bronze Disc in 4'x10' Cone Hd. Wl. 33 Rt Sta. 72+06.5
 B.M #7 Elev. 539.00 Bt Spk. in 30' Sycamore 146' Lt. Sta. 89+33

ALL ADDITIONAL R/W ON THIS SHEET TO BE AS SHOWN

5'x10' of subsurface drain on Lt. R/W from Sta. 80+00 to Sta. 81+50 is to be constructed 4'-0\"/>

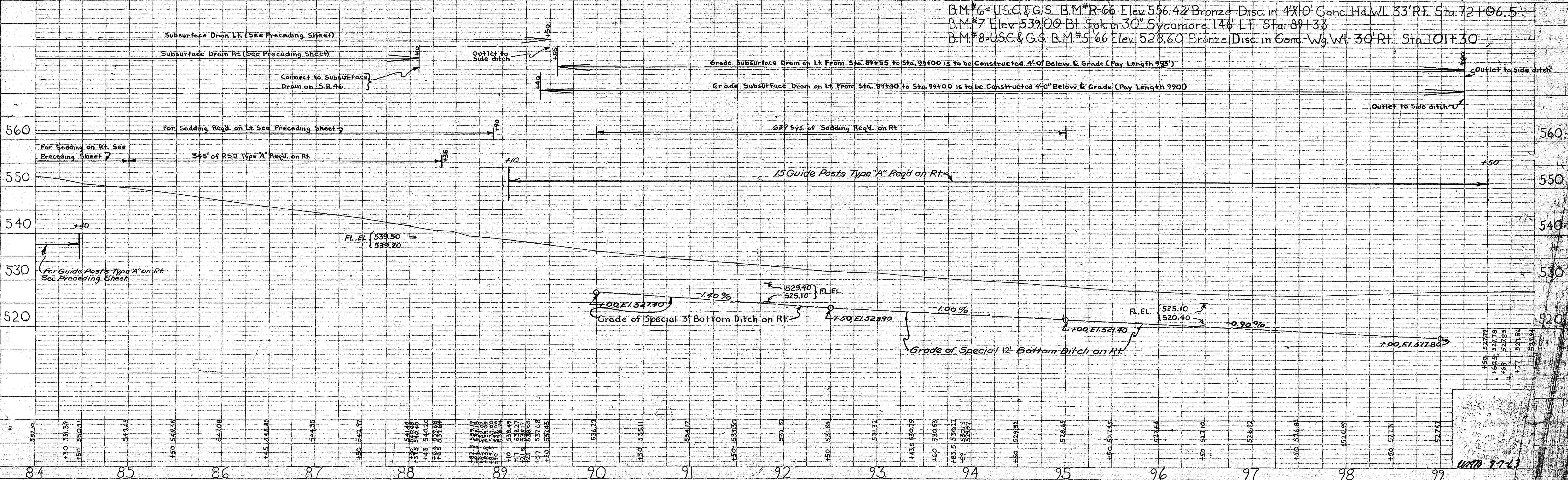
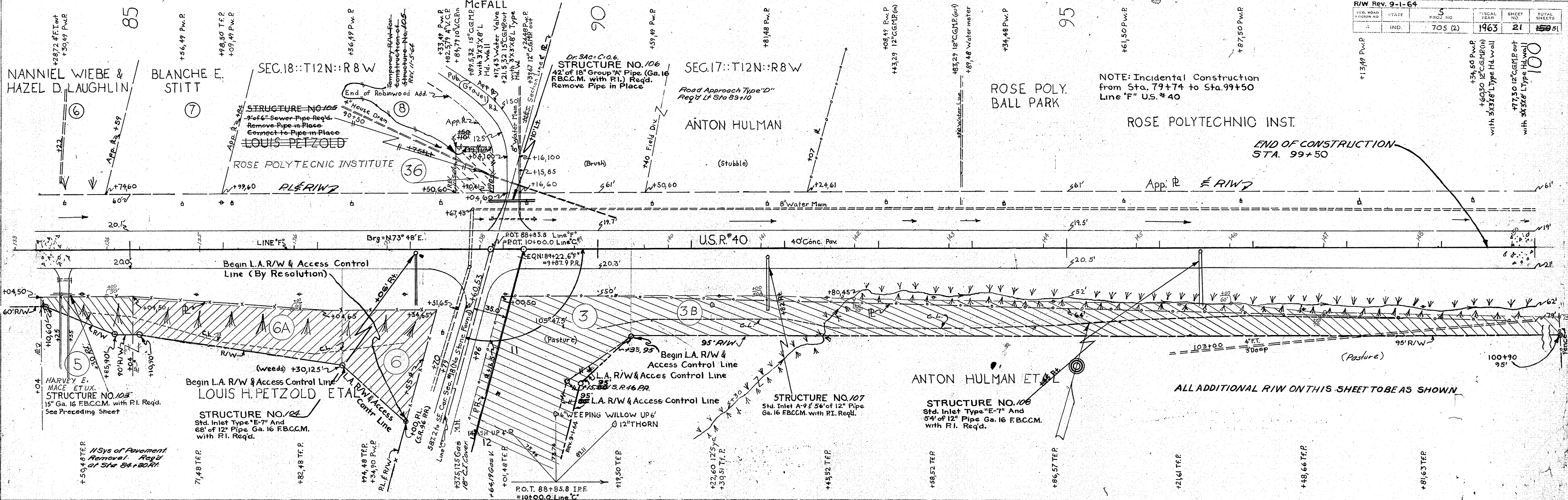
5'x10' of subsurface drain on Rt. R/W from Sta. 80+00 to Sta. 80+40 is to be constructed 4'-0\"/>



REV. 11-5-64	STR. 105 & TEMP. RW
R/W Rev. 9-1-64	
PROJ. NO. 705 (2)	SHEET NO. 21
TOTAL SHEETS 150	

PLAN
 SHOWN
 CHECKED
 DATE
 No. 67291

PROFILE
 SHOWN
 CHECKED
 DATE
 No. 67304



PROJ. 705 (2)	LINE 'F'	SHEET 21
---------------	----------	----------

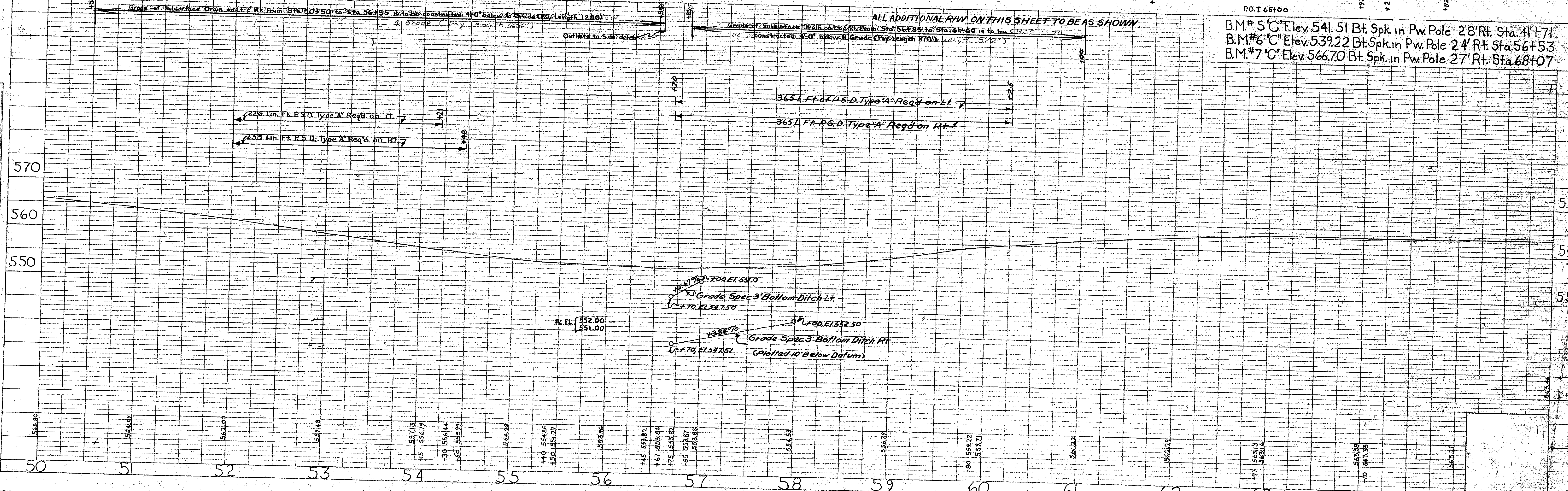
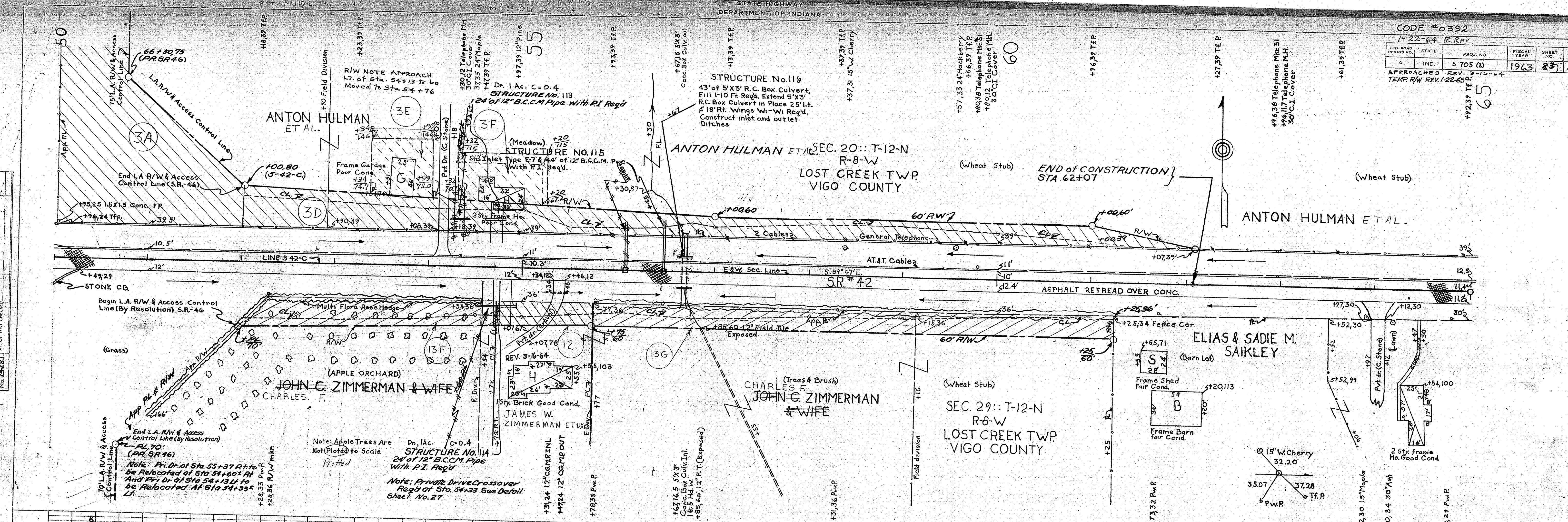
CODE #0392
1-22-64 12 REV

FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	5705 (2)	1963	23	31

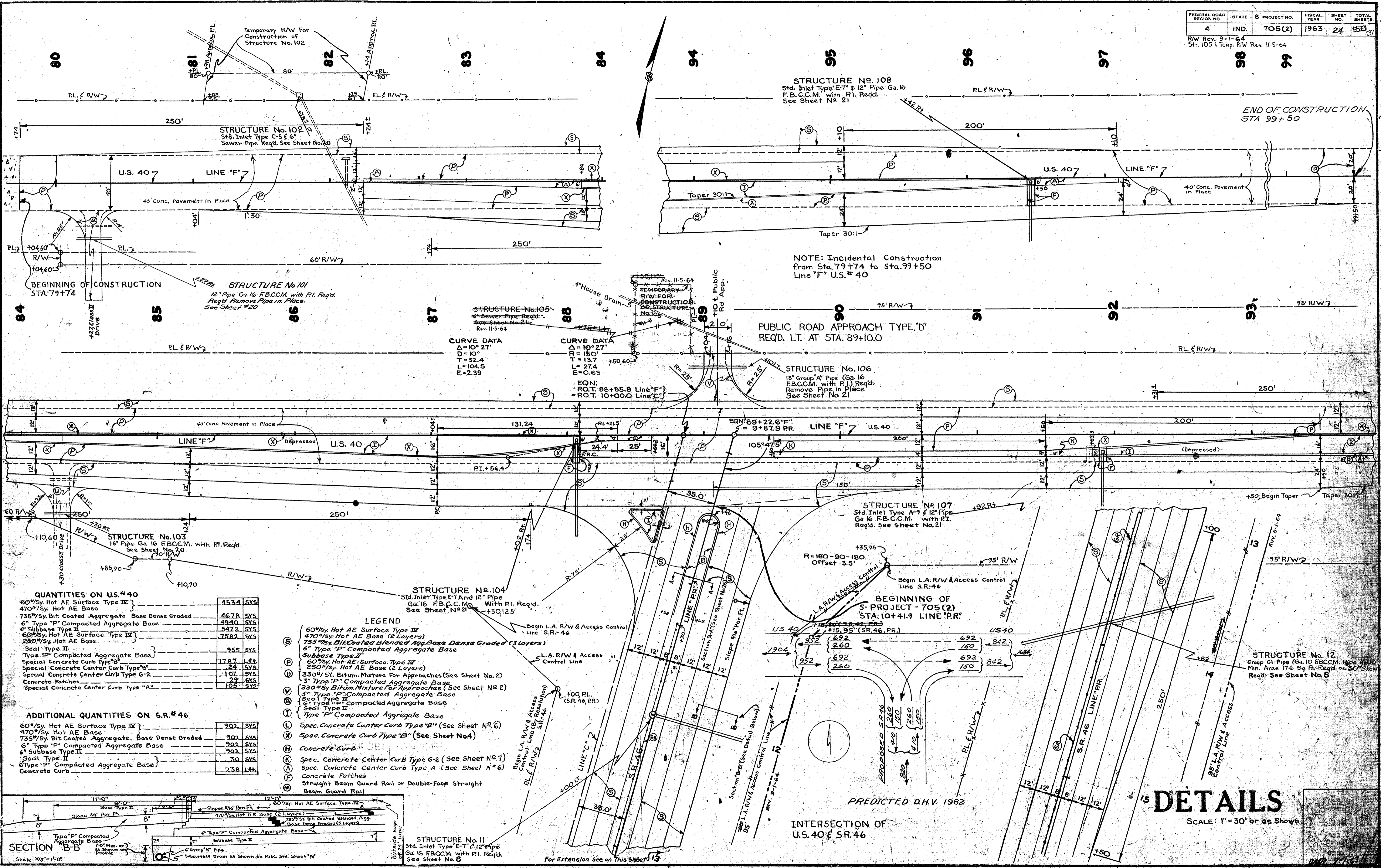
APPROACHED REV. 3-10-64
TEMP. R/W REV. 1-22-65P.

PLAN
SURVEYED BY J.E. WICKS
NOTED BY G.E. COCKEY
NOTE BOOK NO. 74287
ALIGNED CHECKED BY G.E. COCKEY
DATE 10-62
STRUCTURE NOTATIONS CHECKED BY G.E. COCKEY
DATE 10-62

PROFILE
SURVEYED BY J.E. WICKS
NOTED BY G.E. COCKEY
NOTE BOOK NO. 74287
ALIGNED CHECKED BY G.E. COCKEY
DATE 10-62
STRUCTURE NOTATIONS CHECKED BY G.E. COCKEY
DATE 10-62



P.O.T. 65+00
B.M.# 5 'C' Elev. 541.51 Bt. Spk. in Pw. Pole 28' Rt. Sta. 41+71
B.M.# 6 'C' Elev. 539.22 Bt. Spk. in Pw. Pole 24' Rt. Sta. 56+53
B.M.# 7 'C' Elev. 566.70 Bt. Spk. in Pw. Pole 27' Rt. Sta. 68+07



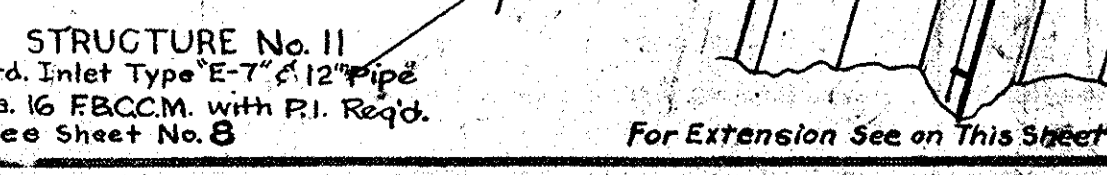
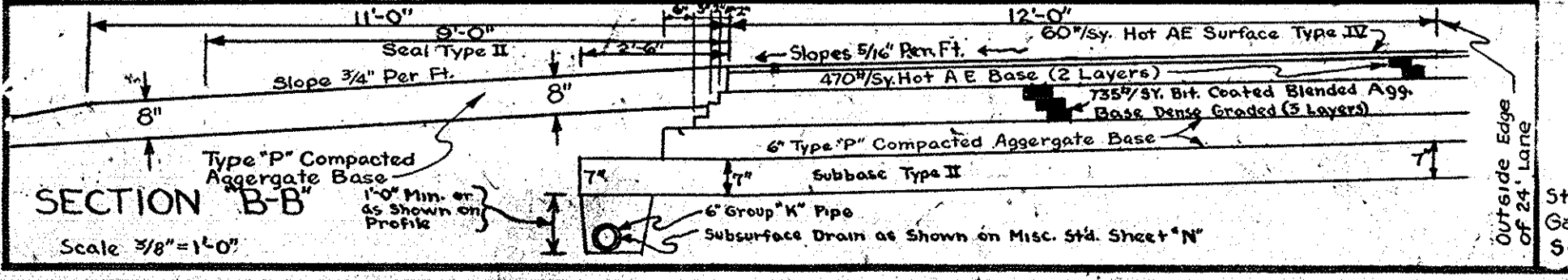
QUANTITIES ON U.S.#40

60"/Sy. Hot AE Surface Type IV	4534	SYS
470"/Sy. Hot AE Base		
735"/Sy. Bit. Coated Aggregate Base Dense Graded	4678	SYS
6" Type "P" Compacted Aggregate Base	4940	SYS
6" Subbase Type II	5472	SYS
60"/Sy. Hot AE Surface Type IV	7582	SYS
250"/Sy. Hot AE Base		
Seal Type II		
Type "P" Compacted Aggregate Base	955	SYS
Special Concrete Curb Type "B"	1787	L.F.T.
Special Concrete Center Curb Type "B"	24	SYS
Special Concrete Center Curb Type G-2	107	SYS
Concrete Patches	29	SYS
Special Concrete Center Curb Type "A"	105	SYS

ADDITIONAL QUANTITIES ON S.R.#46

60"/Sy. Hot AE Surface Type IV	907	SYS
470"/Sy. Hot AE Base	902	SYS
735"/Sy. Bit. Coated Aggregate Base Dense Graded	902	SYS
6" Type "P" Compacted Aggregate Base	902	SYS
6" Subbase Type II	902	SYS
Seal Type II	30	SYS
6" Type "P" Compacted Aggregate Base		
Concrete Curb	238	L.F.T.

- LEGEND**
- (S) 60"/Sy. Hot AE Surface Type IV
 - (S) 470"/Sy. Hot AE Base (2 Layers)
 - (S) 735"/Sy. Bit. Coated Blended App. Base Dense Graded (3 Layers)
 - (S) 6" Type "P" Compacted Aggregate Base
 - (S) Subbase Type II
 - (S) 60"/Sy. Hot AE Surface Type IV
 - (S) 250"/Sy. Hot AE Base (2 Layers)
 - (S) 330"/Sy. Bitum. Mixture For Approaches (See Sheet No. 2)
 - (S) 3" Type "P" Compacted Aggregate Base
 - (S) 330"/Sy. Bitum. Mixture For Approaches (See Sheet No. 2)
 - (S) 6" Type "P" Compacted Aggregate Base
 - (S) Seal Type II
 - (S) 6" Type "P" Compacted Aggregate Base
 - (S) Type "P" Compacted Aggregate Base
 - (L) Spec. Concrete Center Curb Type "B" (See Sheet No. 6)
 - (L) Spec. Concrete Curb Type "B" (See Sheet No. 4)
 - (H) Concrete Curb
 - (N) Spec. Concrete Center Curb Type G-2 (See Sheet No. 7)
 - (A) Spec. Concrete Center Curb Type A (See Sheet No. 6)
 - (P) Concrete Patches
 - (G) Straight Beam Guard Rail or Double-Face Straight Beam Guard Rail

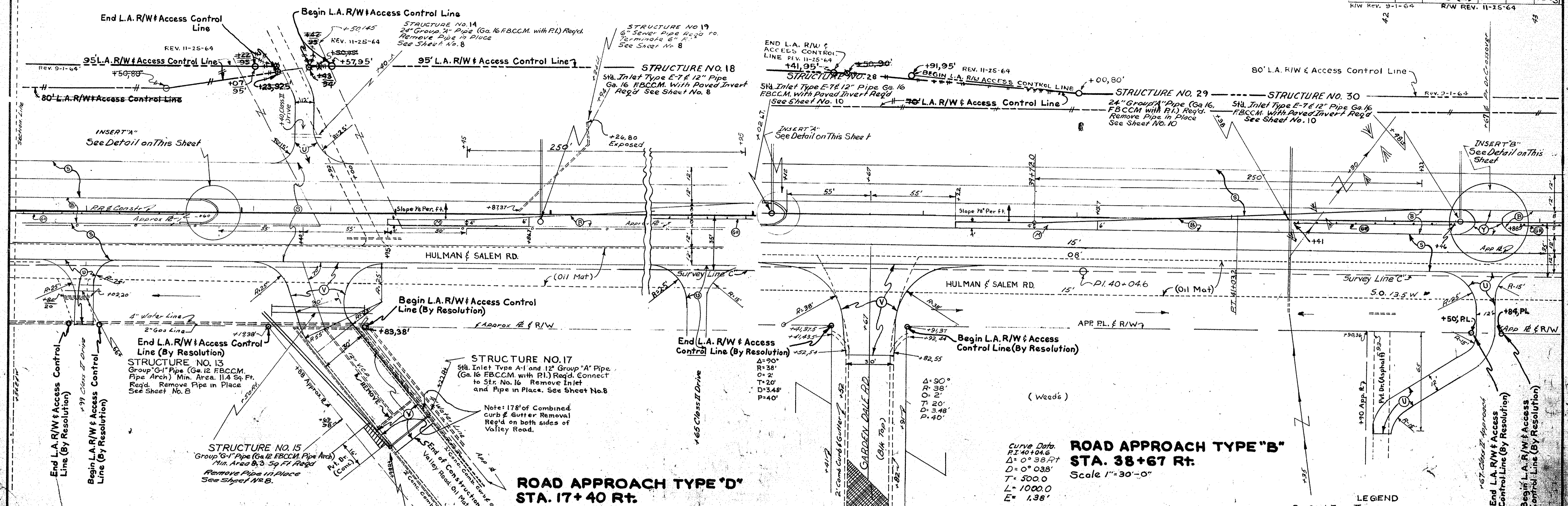


PREDICTED D.H.V. 1962

INTERSECTION OF U.S. 40 & S.R. 46

15 DETAILS

SCALE: 1" = 30' or as Shown



ROAD APPROACH TYPE "D"
STA. 17+40 Rt.

ROAD APPROACH TYPE "B"
STA. 38+67 Rt.

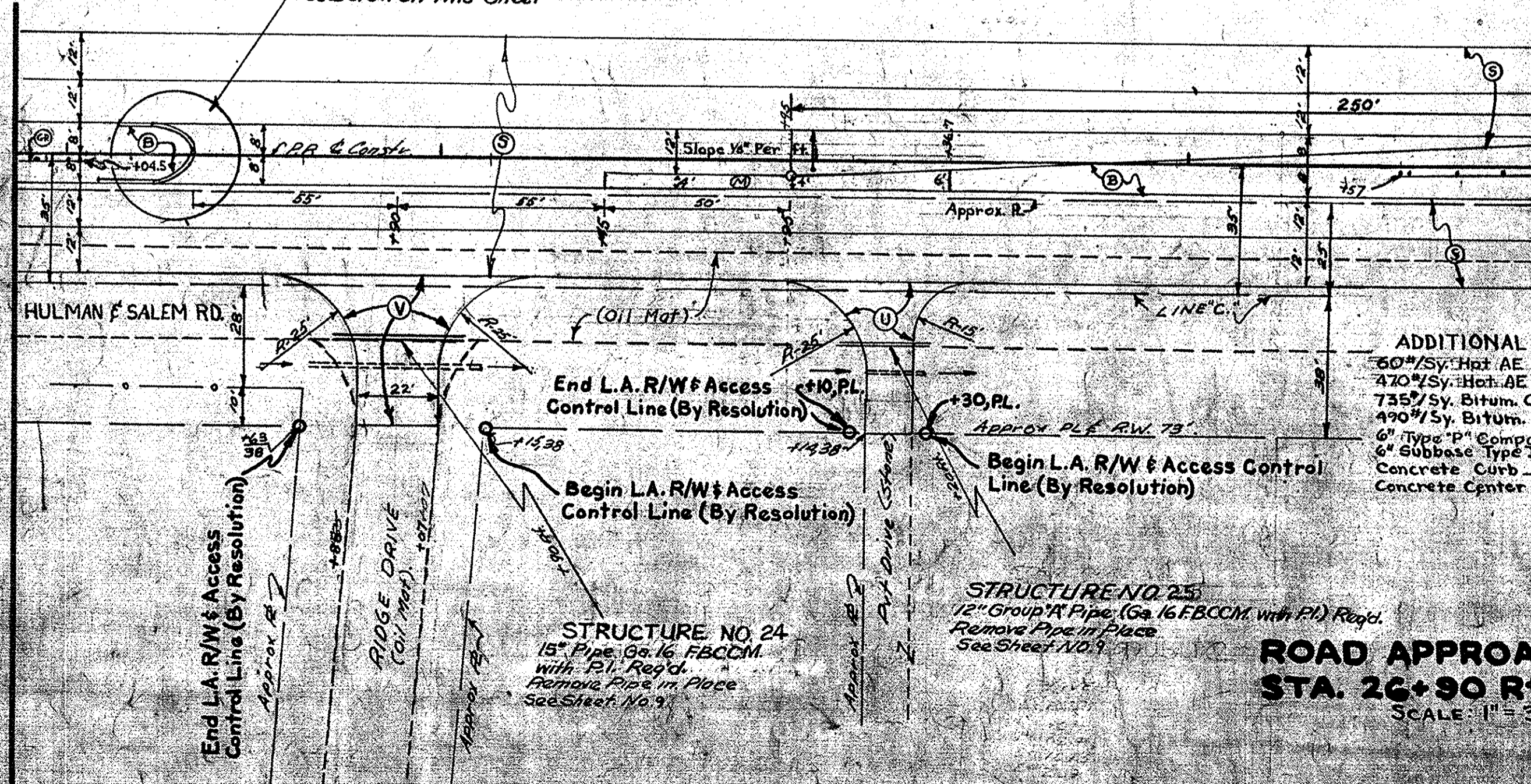
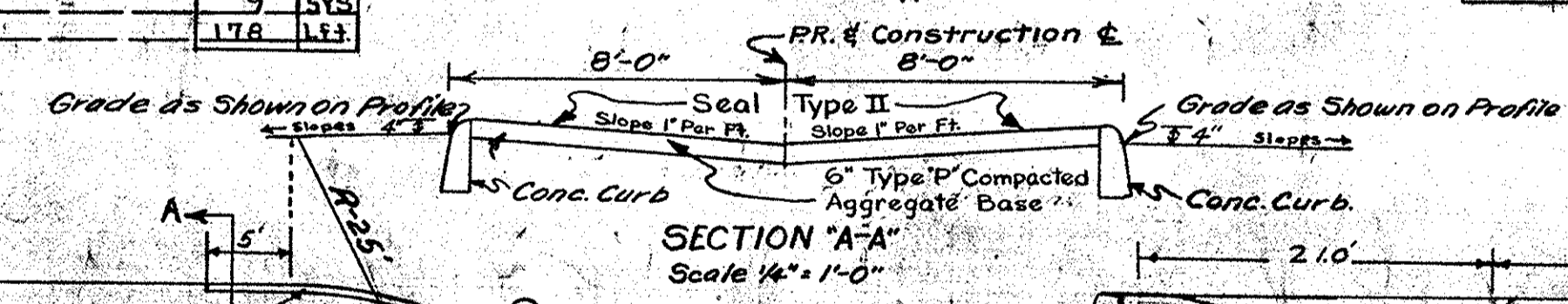
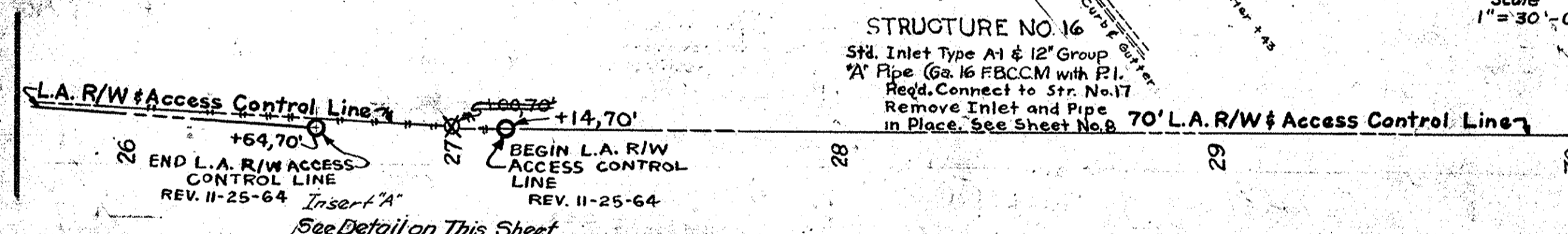
ADDITIONAL QUANTITIES STA. 16+00 to STA. 21+00

60%/Sy. Hot AE Surface Type II	450	SYS
470%/Sy. Hot AE Base	450	SYS
735%/Sy. Bitum. Coated Aggregate Base Dense Graded	45	SYS
490%/Sy. Bitum. Coated Aggregate Base Dense Graded	45	SYS
6" Type "P" Compacted Aggregate Base	485	SYS
6" Subbase Type II	52	LS
Concrete Curb	45	SYS
Concrete Center Curb Type "B"	9	SYS
Pavement Removal	178	LS
Comb. Curb & Gutter Removal		

ADDITIONAL QUANTITIES STA. 37+50 to STA. 43+00

60%/Sy. Hot AE Surface Type II	450	SYS
470%/Sy. Hot AE Base	450	SYS
735%/Sy. Bitum. Coated Aggregate Base Dense Graded	45	SYS
490%/Sy. Bitum. Coated Aggregate Base Dense Graded	45	SYS
6" Type "P" Compacted Aggregate Base	485	SYS
6" Subbase Type II	52	LS
Concrete Curb	45	SYS
Concrete Center Curb Type "B"	9	SYS

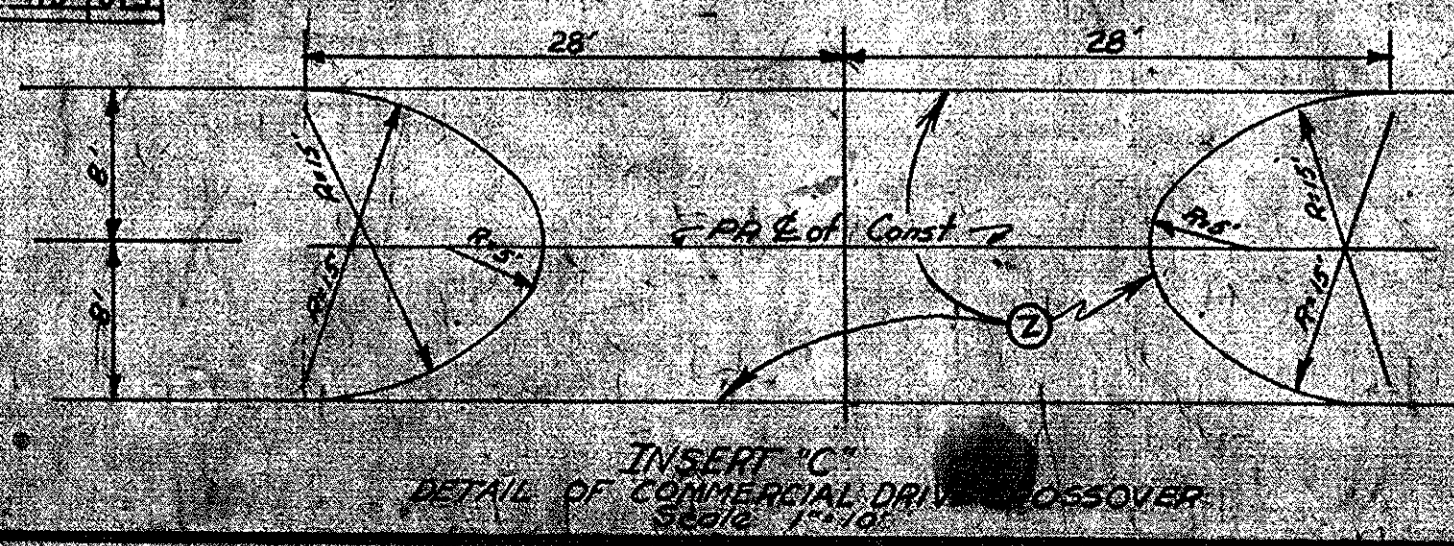
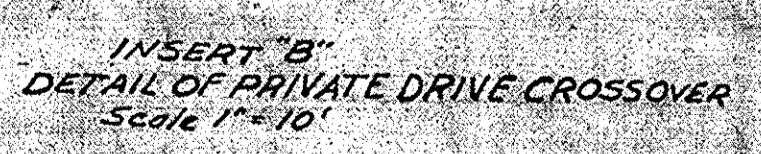
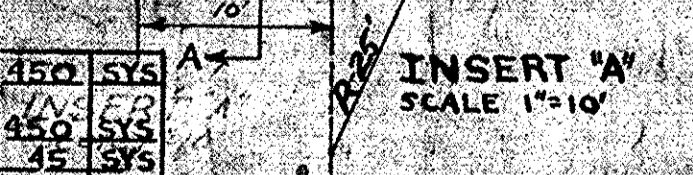
- LEGEND**
- (B) Seal Type II
 - (C) 6" Type "P" Compacted Aggregate Base
 - (D) 60%/Sy. Hot AE Surface Type II
 - (E) 470%/Sy. Hot AE Base (2 Layers)
 - (F) 735%/Sy. Bit. Coated Aggregate Base Dense Graded (3 Layers)
 - (G) 6" Type "P" Compacted Aggregate Base
 - (H) Subbase Type II
 - (I) 490%/Sy. Bitum. Mixture for Approaches (See Sheet No. 2)
 - (J) 6" Type "P" Compacted Aggregate Base
 - (K) 60%/Sy. Bitum. Mixture for Approaches (See Sheet 2)
 - (L) 6" Type "P" Compacted Aggregate Base
 - (M) 6" Subbase Type II
 - (N) Concrete Curb
 - (O) Concrete Center Curb Type "B" (See Sheet No. 2)
 - (P) 60%/Sy. Hot AE Surface Type II
 - (Q) 470%/Sy. Hot AE Base (2 Layers) Base (2 Layers)
 - (R) 735%/Sy. Hot AE Surface Type II
 - (S) 470%/Sy. Hot AE Base (3 Layers)
 - (T) Concrete Curb
 - (U) Pavement Removal
 - (V) Straight Beam Guard Rail or Double faced Straight Beam Guard Rail



ROAD APPROACH TYPE "D"
STA. 26+90 Rt.

ADDITIONAL QUANTITIES STA. 26+00 to STA. 30+50

60%/Sy. Hot AE Surface Type II	450	SYS
470%/Sy. Hot AE Base	450	SYS
735%/Sy. Bitum. Coated Aggregate Base Dense Graded	45	SYS
490%/Sy. Bitum. Coated Aggregate Base Dense Graded	45	SYS
6" Type "P" Compacted Aggregate Base	485	SYS
6" Subbase Type II	52	LS
Concrete Curb	45	SYS
Concrete Center Curb Type "B"	9	SYS



DETAILS
Scale as shown.

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705 (2)		26	31

- LEGEND**
- ⊖ Bitum. Curb
 - ⊖ Special Concrete Center Curb Type "B" (See Sheet No. 3)
 - ⊖ Concrete Center Curb Type "B"
 - ⊖ 90% Sy. Bitum. Coated Blended Aggregate Surface Type III
 - ⊖ 220% Sy. Bitum. Coated Blended Aggregate Base
 - ⊖ 90% Sy. Bitum. Coated Blended Aggregate Surface Type III
 - ⊖ 440% Sy. Bitum. Coated Blended Aggregate Base
 - ⊖ 90% Sy. Bitum. Coated Blended Aggregate Surface Type III
 - ⊖ 440% Sy. Bitum. Coated Blended Aggregate Base
 - ⊖ 735% Sy. Bitum. Coated Aggregate Base (Dense Graded) Subbase Type II
 - ⊖ 6" Plant-Mix Controlled Moisture Aggregate Base
 - ⊖ 10 1/2" Bitum. Coated Blended Aggregate Base Widening
 - ⊖ Concrete Patches

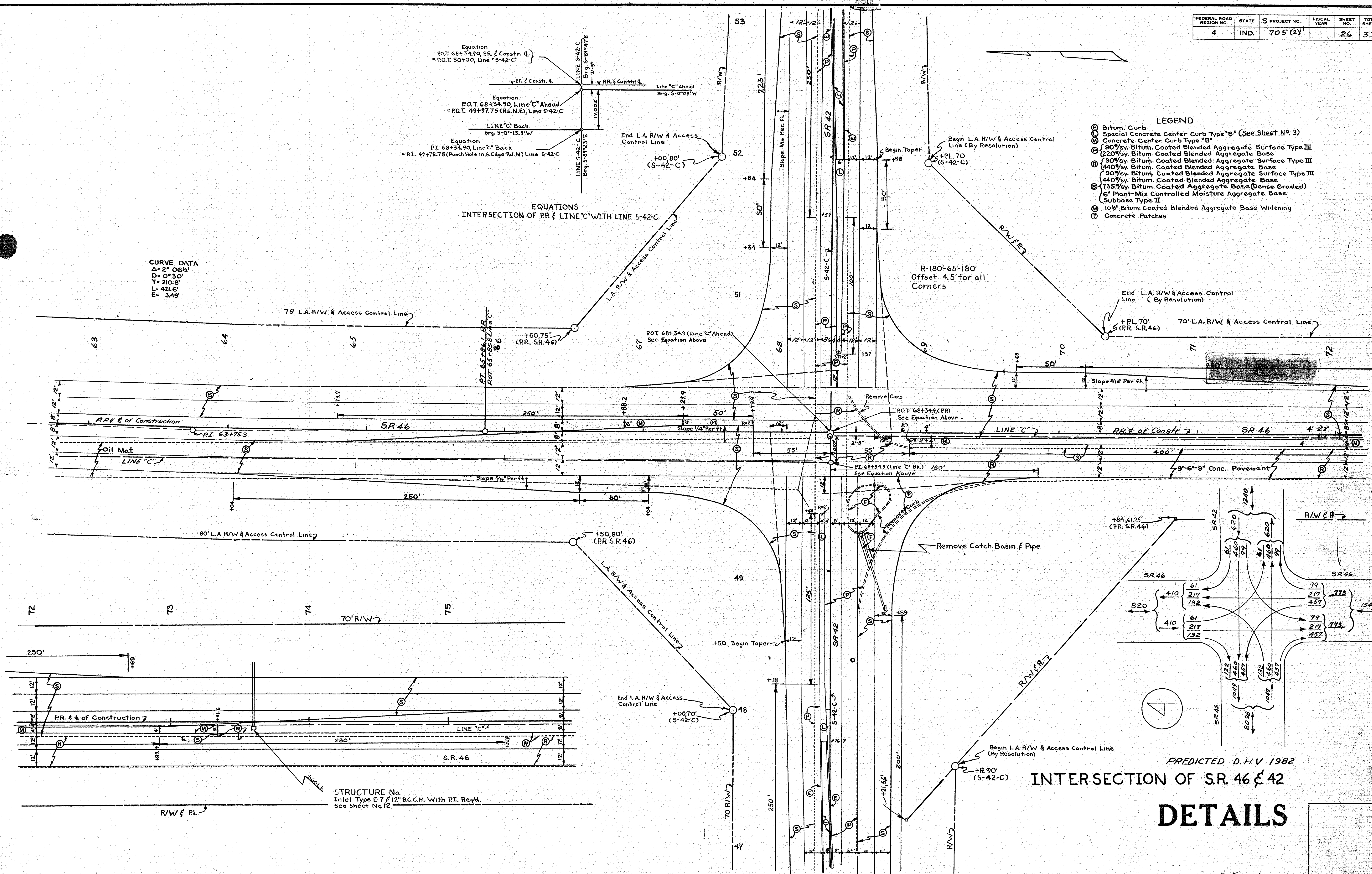
CURVE DATA
 $\Delta = 2^\circ 06' 31''$
 $D = 0^\circ 30'$
 $T = 210.8'$
 $L = 421.6'$
 $E = 3.49'$

EQUATIONS INTERSECTION OF RR & LINE "C" WITH LINE S-42-C

Equation
 P.O.T. 68+34.90, RR. of Constr. 4
 = P.O.T. 50+00, Line "S-42-C"

Equation
 P.O.T. 68+34.90, Line "C" Ahead
 = P.O.T. 49+77.75 (Rad. N.E.), Line S-42-C

Equation
 P.I. 68+34.90, Line "C" Back
 = P.I. 49+77.75 (Punch Hole in S. Edge Rd. N.) Line S-42-C



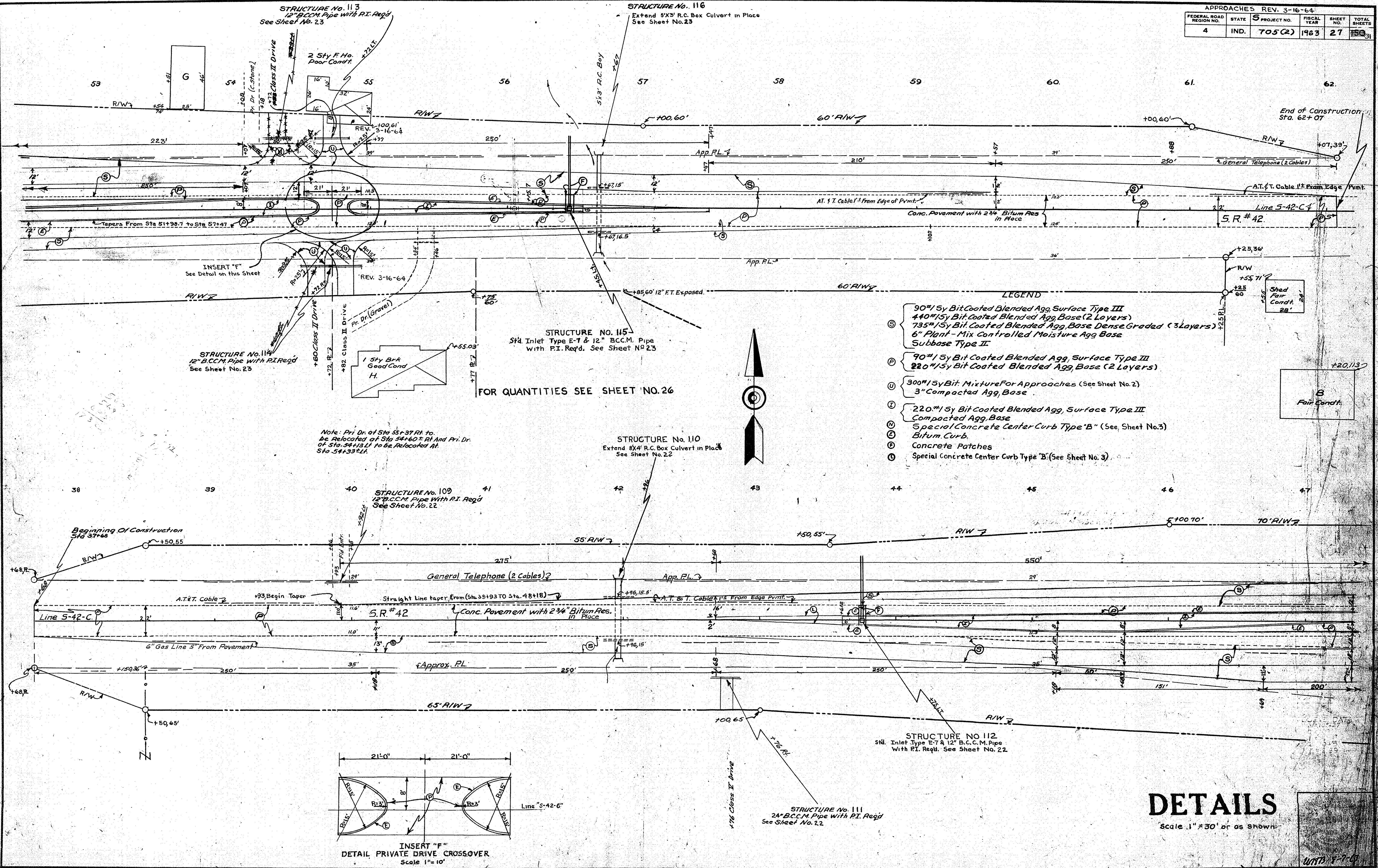
STRUCTURE No.
 Inlet Type E-7 & 12" B.C.C.M. With R.I. Req'd.
 See Sheet No. 12

PREDICTED D.H.V 1982
INTERSECTION OF S.R. 46 & 42

DETAILS

R. Frank

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE NO.
		26	31	



DETAILS

Scale 1" = 30' or as shown

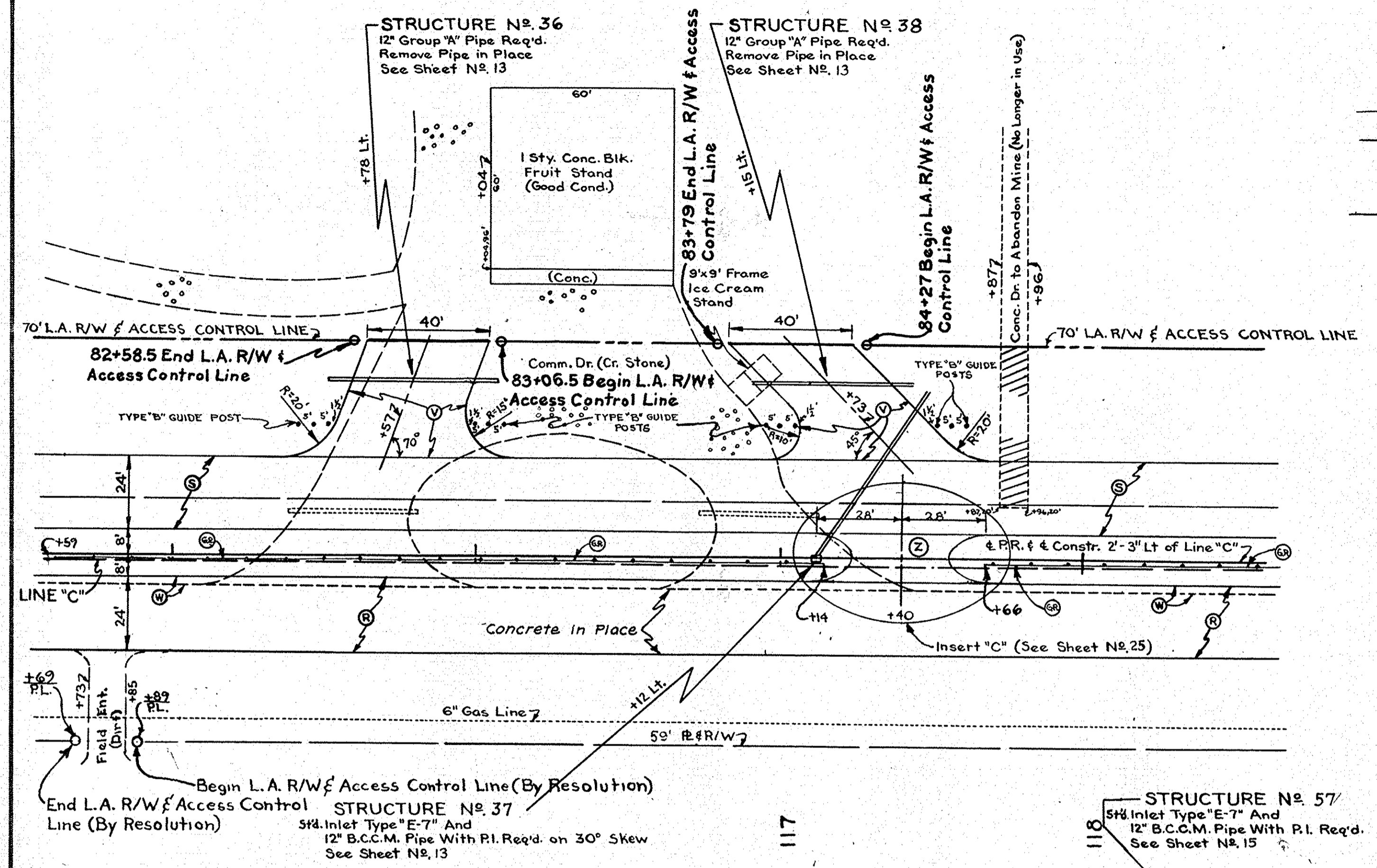
82

83

84

85

NOTE: Commercial Drive Crossover Req'd. at Sta. 84+40. See Sheet No. 25



ADDITIONAL QUANTITIES STA. 82+00 TO STA. 85+00

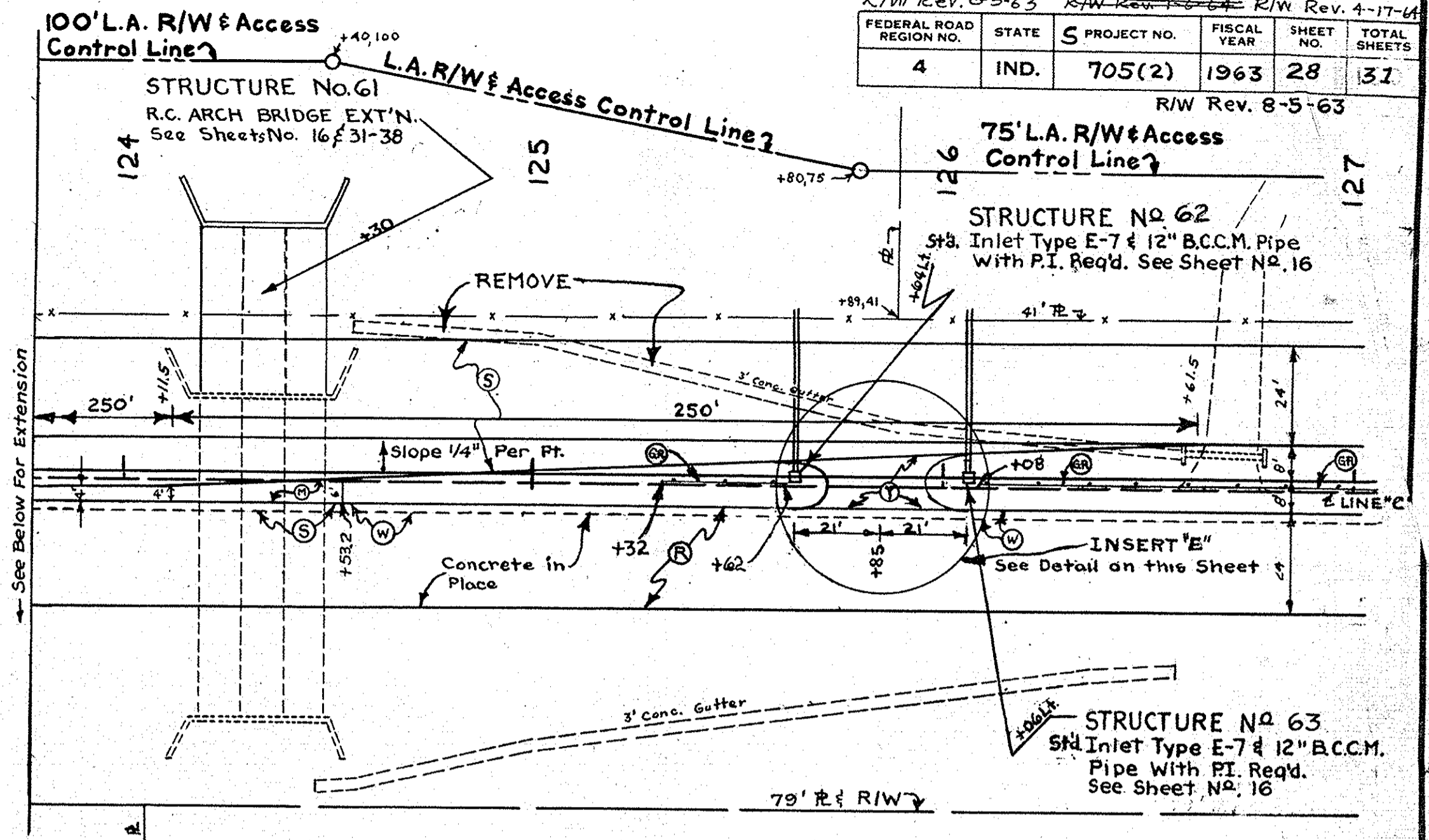
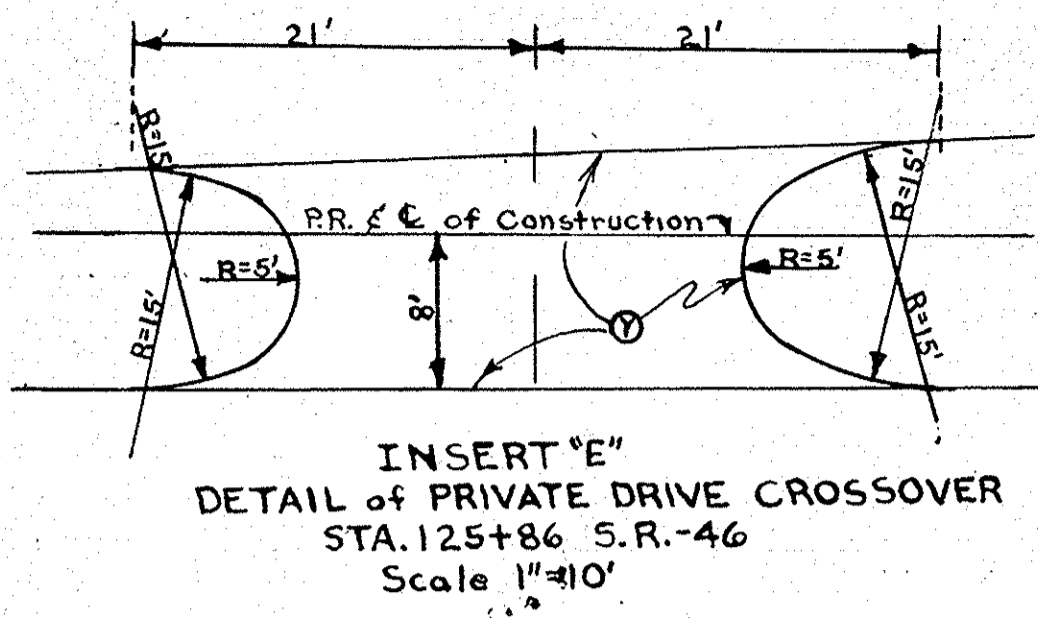
Pavement Removal	53	SYS.
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ADDITIONAL QUANTITIES STA. 117+00 TO STA. 127+00

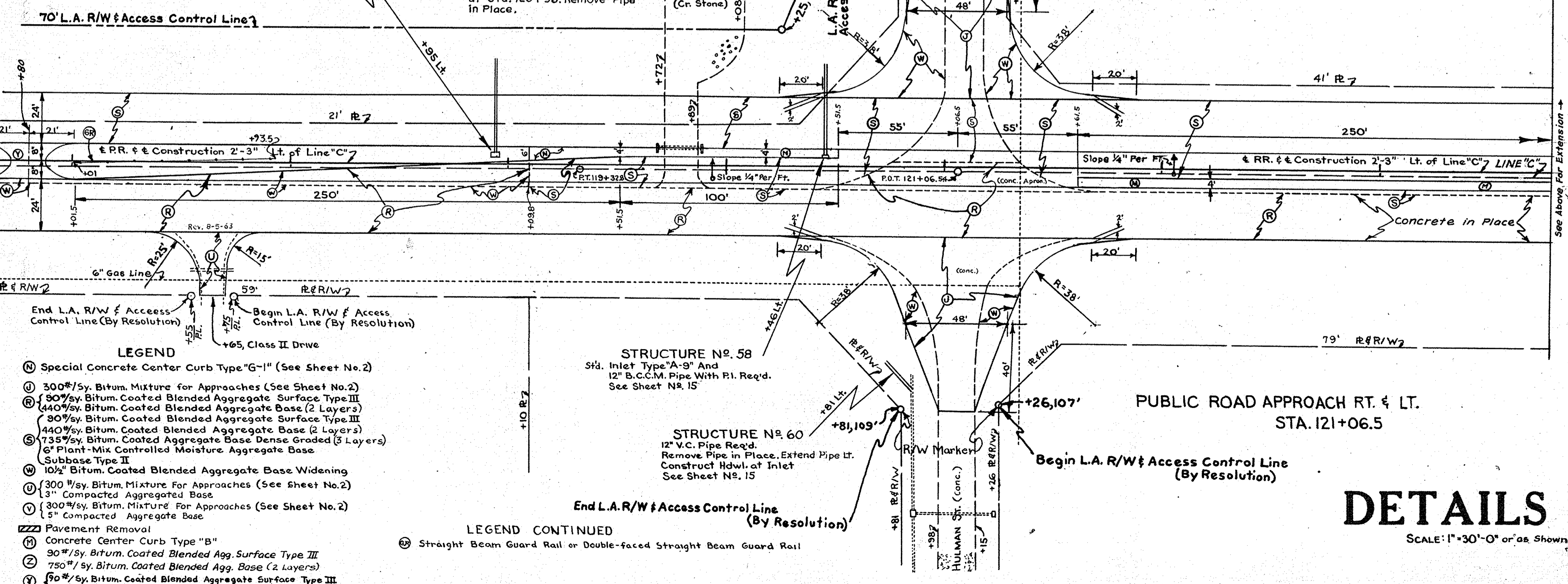
90#/sy. Bitum. Coated Blended Agg. Surface Type III	995	SYS.
440#/sy. Bitum. Coated Blended Agg. Base	773	SYS.
735#/sy. Bitum. Coated Blended Agg. Base (Dense Graded)	975	SYS.
6" Plant-Mix Controlled Moisture Agg. Base	68	SYS.
Subbase Type II	134	SYS.
Special Concrete Center Curb Type "C-1"	116	SYS.
Concrete Center Curb Type "B"	209	LT.
10#/sy. Bitum. Coated Blended Agg. Base Widening	202	SYS.
Gutter Removal		
490#/sy. Bitum. Coated Agg. Base (Dense Graded)		

- LEGEND
- (N) Special Concrete Center Curb Type "G-1" (See Sheet No. 2)
 - (1) 300#/sy. Bitum. Mixture for Approaches (See Sheet No. 2)
 - (2) 90#/sy. Bitum. Coated Blended Aggregate Surface Type III
 - (3) 440#/sy. Bitum. Coated Blended Aggregate Base (2 Layers)
 - (4) 90#/sy. Bitum. Coated Blended Aggregate Surface Type III
 - (5) 440#/sy. Bitum. Coated Blended Aggregate Base (2 Layers)
 - (6) 735#/sy. Bitum. Coated Aggregate Base Dense Graded (3 Layers)
 - (7) 6" Plant-Mix Controlled Moisture Aggregate Base
 - (8) Subbase Type II
 - (9) 10#/sy. Bitum. Coated Blended Aggregate Base Widening
 - (10) 300#/sy. Bitum. Mixture for Approaches (See Sheet No. 2)
 - (11) 3" Compacted Aggregated Base
 - (12) 300#/sy. Bitum. Mixture for Approaches (See Sheet No. 2)
 - (13) 3" Compacted Aggregate Base
 - (14) Pavement Removal
 - (15) Concrete Center Curb Type "B"
 - (16) 90#/sy. Bitum. Coated Blended Agg. Surface Type III
 - (17) 750#/sy. Bitum. Coated Blended Agg. Base (2 Layers)
 - (18) 90#/sy. Bitum. Coated Blended Aggregate Surface Type III
 - (19) 440#/sy. Bitum. Coated Blended Aggregate Base (2 Layers)

LEGEND CONTINUED
 (20) Straight Beam Guard Rail or Double-faced Straight Beam Guard Rail



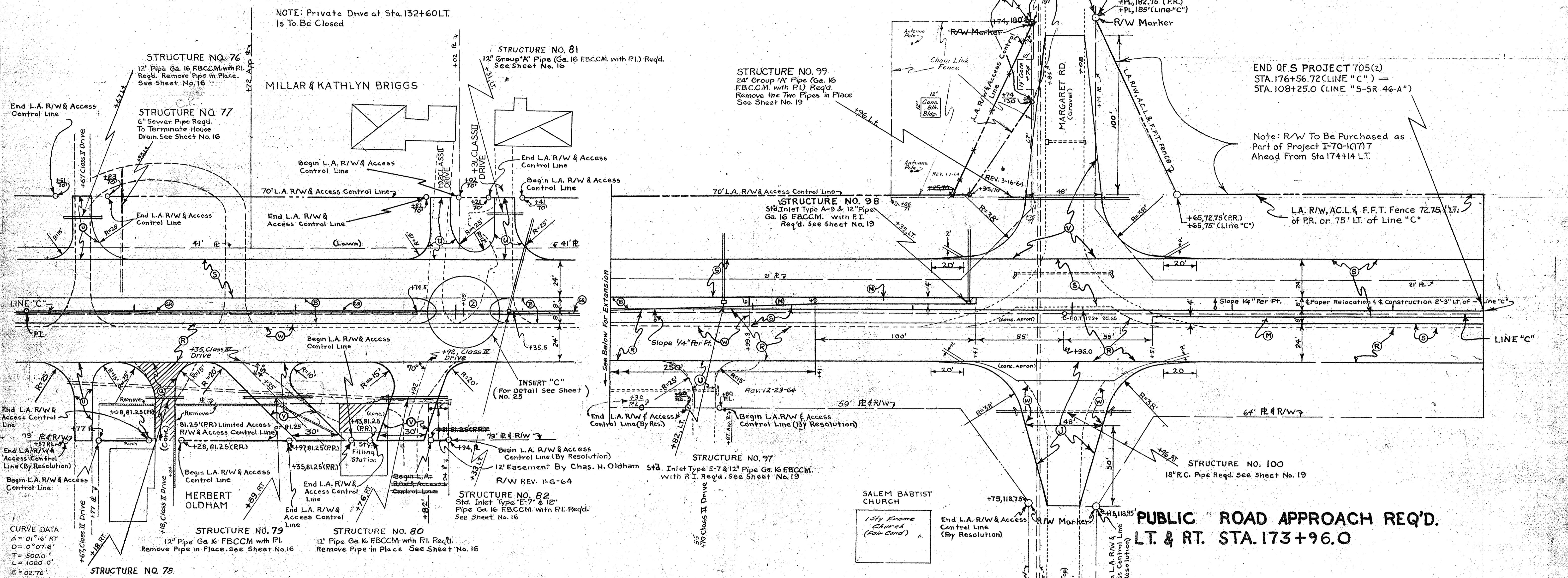
NOTE: Private Drive at Sta. 119+80 Lt. is to be Relocated 150' Lt. of P.R. at Sta. 120+96. Remove Pipe in Place.



DETAILS
 SCALE: 1"=30'-0" or as Shown

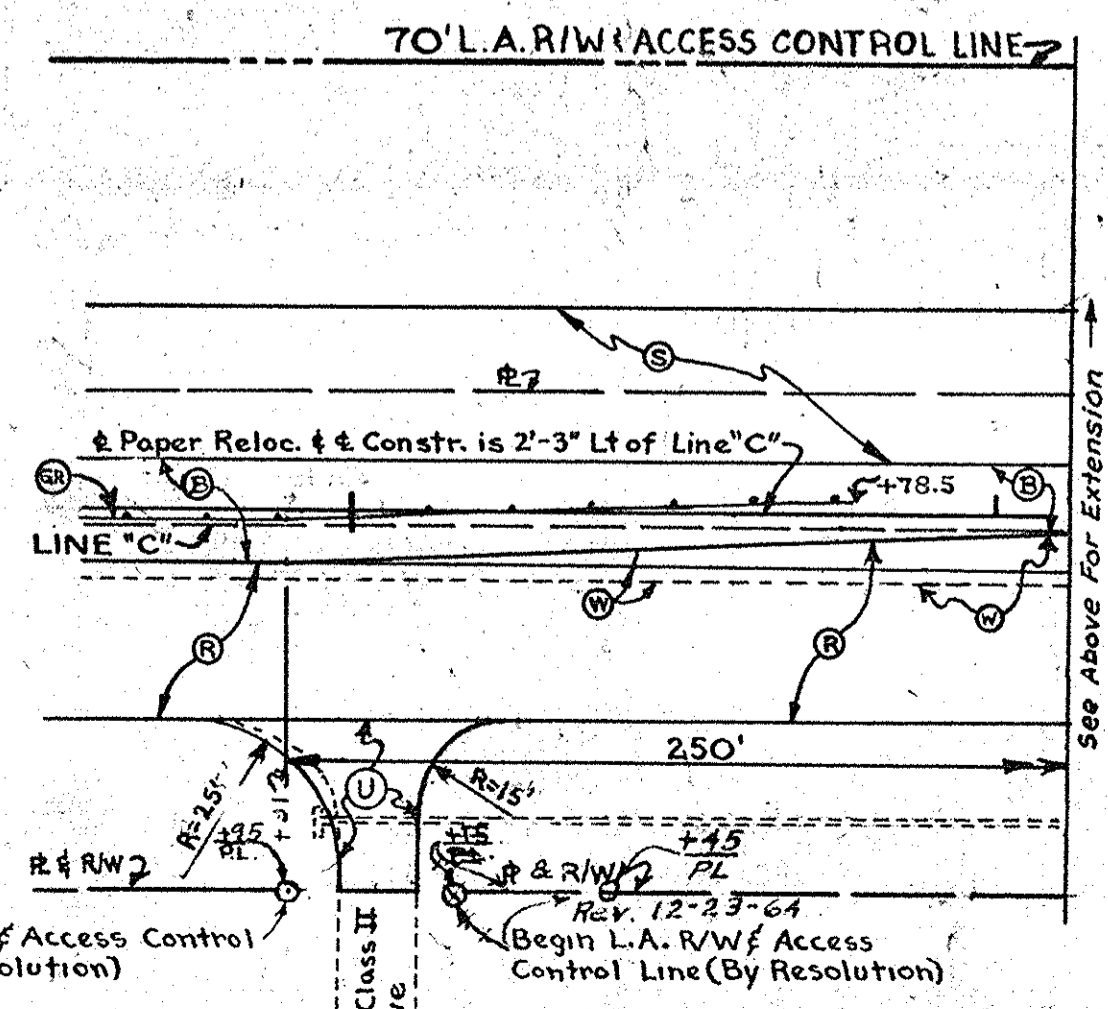
R/W REV. 1-6-64					
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	705(2)	1963	29	150

TOPO REV. 1-7-64
 R/W REV. 3-16-64
 176 R/W REV. 12-23-64



CURVE DATA
 Δ = 01° 16' RT
 D = 0° 07.6'
 T = 500.0'
 L = 1000.0'
 E = 02.76'

ADDITIONAL QUANTITIES STA. 131+50 TO 134+50	
Pavement Removal	153 SY
Retaining Wall Removal	178 LF



ADDITIONAL QUANTITIES STA. 169+91 TO STA. 176+56.72	
60#/sy. Hot AE Surface Type IV	769 SY
470#/sy. Hot AE Base (2 Layers)	647 SY
735#/sy. Bitum. Coated Agg. Base (Dense Graded)	692 SY
6" Type "P" Compacted Agg. Base	68 SY
Subbase Type II	92 SY
Special Concrete Center Curb Type "G-1"	116 SY
Concrete Center Curb Type "B"	313 LF
10 1/2" Hot AE Base Widening	160 SY
Farm - Field Type Fence	
490#/sy. Bitum. Coated Agg. Base (Dense Graded)	

- LEGEND**
- (S) 60#/sy. Hot AE Surface Type IV
 - (S) 470#/sy. Hot AE Base (2 Layers)
 - (S) 735#/sy. Bitum. Coated Aggregate Base Dense Graded (3 Layers)
 - (S) 6" Type "P" Compacted Aggregate Base
 - (S) Subbase Type II
 - (R) 60#/sy. Hot AE Surface Type IV
 - (R) 470#/sy. Hot AE Base (2 Layers)
 - (R) 10 1/2" Hot AE Base Widening
 - (U) 330#/sy. Bitum. Mixture for Approaches (See Sheet No. 2)
 - (U) 330#/sy. Bitum. Mixture for Approaches (See Sheet No. 2)
 - (V) 3" Type "P" Compacted Aggregate Base
 - (V) 330#/sy. Bitum. Mixture for Approaches (See Sheet No. 2)
 - (N) 5" Type "P" Compacted Aggregate Base
 - (N) Concrete Center Curb Type "B"
 - (M) Special Concrete Center Curb Type "G-1" (See Sheet No. 3)
 - (Z) 60#/sy. Hot AE Surface Type IV
 - (Z) 780#/sy. Hot AE Base (3 Layers)
 - (Q) Private Drive Pavement
 - (P) Pavement Removal
 - (B) Straight Beam Guard Rail or Double-Face Straight Beam Guard Rail
 - (B) Seal Type II
 - (B) 6" Type "P" Compacted Aggregate Base

DETAILS

Scale 1" = 30'-0"

APPROACH TABLE

LOCATION	DESCRIPTION	EXCAVATION CU. YDS.		WIDTH "W"	RADIUS "R"	DESIGN DATA AND QUANTITIES BASED ON MAX. OF 10% GRADE EXCEPT AS NOTED		DISTANCE BEYOND R/W LINE	BITUMINOUS MIXTURE FOR APPROACHES 350 LBS. PER SQ. YD.	TYPE "P" HOT A.E. SURFACE TYPE IX	PRIVATE DRIVE PAVEMENT	REMARKS	SEE DETAIL SHEET NO.
		CUT	FILL			GRADE LOSS THAN 10% NOT SHOWN	LENGTH "L"						
9+87.9 Rt.	U.S. #40												
9+87.9 Rt.	U.S. #40												
15+99 Rt.	Class II	0	67	12	15'-25'	10%	46'	5'	81.5				24
17+40 Rt.	Type "D"	0	220	30	25'-25'		135'		180.0		480.0		25
17+40 Rt.	Class II	5	0	12'	15'-25'		60'		100.1		100.1		25
17+40 Rt.	Class II	0	0	12'	15'-25'		60'		100.1		100.1		25
20+23 Rt.	Class II	25	0	12'	15'-25'	10%	56'	15'	94.8		94.8		25
21+66 Rt.	Class II	20	0	12'	15'-25'	10%	55'	14'	93.5		93.5		25
24+42 Rt.	Class II	15	0	12'	15'-25'	10%	55'	14'	93.5		93.5		25
26+90 Rt.	Type "D"	5	0	22'	25'-25'		41'		130.0		130.0		25
28+20 Rt.	Class II	5	0	12'	15'-25'		41'		74.9		74.9		25
28+20 Rt.	Class II	0	0	12'	15'-25'		41'		74.9		74.9		25
38+67 Rt.	Type "B"	0	0	30'	38'-38'		60'		312.0		312.0		25
42+67 Rt.	Class II	100	0	12'	15'-25'	10%	138'	99'	203.8		203.8		25
42+67 Rt.	SR #42											Relocated	25
68+34 Rt.	SR #42												26 & 27
68+34 Rt.	SR #42												26 & 27
20+53 Rt.	Class II	2.5	0	12'	15'-25'	10%	56'	15'	94.8		94.8		25
80+40 Lt.	Class II	0	0	12'	15'-25'		38'		71.0		71.0		25
81+79 Rt.	Class II	0	0	12'	15'-25'		38'		71.0		71.0		25
82+57 Rt.	Class II	0	5	40'	20'-15'		38'		184.5		184.5		28
84+73 Lt.	Class II	0	40	40'	10'-20'		38'		183.6		183.6		28
89+30 Lt.	Class II	0	15										28
91+94 Rt.	Class II	0	0										28
98+54 Lt.	Class II	0	15										28
100+16 Lt.	Class II	0	10										28
101+15 Rt.	Class II	0	0										28
101+48 Lt.	Class II	0	5	12'	15'-5'		38'		62.8		62.8		Relocated
101+70 Lt.	Class II	0	5	12'	5'-25'		38'		72.3		72.3		Relocated
105+75 Rt.	Class II	0	0										28
112+66 Lt.	Class II	0	10	12'	15'-25'		38'		71.0		71.0		28
113+22 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		28
114+23 Lt.	Class II	0	5	12'	15'-25'		38'		71.0		71.0		28
114+29 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		28
115+05 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		28
116+46 Lt.	Class II	10	0	12'	15'-25'		38'		71.0		71.0		28
117+65 Rt.	Class II	0	0	12'	15'-25'		29'		59.0		59.0		28
119+99 Lt.	Class II	0	0	12'	15'-25'	10%	52'	15'	89.6		89.6		28
120+16 Lt.	Class II	0	0	12'	15'-25'	10%	52'	15'	89.6		89.6		28
121+06.5 Lt.	Public Road (Hulman St.)	32.5	75	48'	38'-38'		140'		652.0		372		28
121+06.5 Lt.	Public Road (Hulman St.)	0	35	48'	38'-38'		80'		429.0		135		28
126+94 Lt.	Class II	40	10	12'	15'-25'	18%	43'	2'	105.6		105.6		28
127+55 Rt.	Class II	15	0	12'	25'-15'	10%	75'	26'	120.1		120.1		28
127+55 Rt.	Class II	140	0	12'	15'-25'	10%	86'	54'	134.8		134.8		28
127+67 Rt.	Class II	15	0	12'	25'-15'	10%	75'	26'	120.1		120.1		28
127+71 Lt.	Class II	35	0	12'	15'-25'	10%	83'	40'	130.9		130.9		28
129+15 Rt.	Class II	20	0	12'	25'-15'	10%	64'	15'	105.6		105.6		28
129+15 Rt.	Class II	105	0	12'	15'-25'	10%	93'	50'	144.2		144.2		28
130+48 Rt.	Class II	10	0	12'	25'-15'		49'		85.6		85.6		Relocated
131+04 Lt.	Class II	70	0	12'	15'-25'	10%	86'	43'	134.8		134.8		29
131+67 Lt.	Class II	70	0	12'	15'-25'	10%	86'	43'	134.8		134.8		29
131+67 Rt.	Class II	0	0	12'	15'-25'		49'		85.6		85.6		29
132+18 Rt.	Class II	5	0	12'	25'-15'		49'		85.6		85.6		29
132+35 Rt.	Class II	0	0	30'	20'-10'		49.25'		178.9		178.9		29
133+92 Lt.	Class II	10	0	12'	15'-25'	10%	58'	20'	97.6		97.6		29
133+92 Rt.	Class II	0	0	30'	15'-20'		49.25'		179.8		179.8		29
134+31 Lt.	Class II	0	0	12'	10'-25'		38'		70.9		70.9		29
135+83 Lt.	Class II	0	55	12'	15'-25'		38'		71.0		71.0		29
138+55 Lt.	Class II	0	0	12'	15'-25'		38'		71.0		71.0		29
141+39 Rt.	Class II	0	0										29
147+60 Lt.	Class II	0	0	12'	15'-25'		38'		71.0		71.0		29
147+60 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		29
152+48 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		29
156+57 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		29
159+62 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		29
161+90 Rt.	Class II	0	0										29
160+43 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		29
169+05 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		29
170+33 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		29
171+78 Rt.	Class II	0	0	12'	25'-15'		29'		59.0		59.0		29
173+96 Lt.	Public Road (Margaret Ave.)	0	85	48'	38'-38'		140'		708.0		708.0		29
173+96 Rt.	Public Road (Margaret Ave.)	0	35	48'	38'-38'		90'		474.0		146		29
80+27 Rt.	Class II	40	0	12'	15'-25'	10%	66'	26'	108.2		108.2		24
84+30 Rt.	Class II	3	0	12'	15'-25'		31'		61.6		61.6		24
89+10 Lt.	Type "D"	0	5	20'	25'-25'		36'		110.0		110.0		24
39+92 Rt.	Class II	0	0										27
42+76 Rt.	Class II	0	0										27
54+33 Rt.	Class II	3	0	12'	15'-25'		38'		71.0		71.0		Relocated
54+60 Rt.	Class II	5	0	12'	15'-25'	10%	47'	7'	82.9		82.9		Relocated
54+82 Rt.	Class II	5	0	12'	15'-25'	10%	47'	7'	77.9		77.9		Relocated
4B Mail Box	APPROACHES								2160.0		2160.0		27

CROSS OVER TABLE

LOCATION	DESCRIPTION	WIDTH	LENGTH	60% SY. HOT A.E. SURFACE TYPE IX		HOT A.E. AGGREGATE BASE		REMARKS	SEE DETAIL SHEET NO.
				SYS.	SYS.	SYS.	SYS.		
17+40	Public Road (Volley Road)	110'	16'						
21+66	Pvt Drive	17.5±	16'						25
26+90	Public Road (Ridge Drive)	110'	16'						25
38+67	Public Road (Garden Dale)	110'	16'						25
42+67	Pvt Drive	17.5±	16'						25
68+34.8	S.R. #42	17.5±	16'						25
54+72	Pvt Drive	17.5±	16'						26 & 27
80+40	Pvt Drive	17.5±	16'						25
84+40	Comm Drive	31.5±	16'	42		42			25
89+30	Pvt Drive	17.5±	16'	42		42	67		25 & 28
94+54	Pvt Drive	17.5±	16'	42		42			25
104+58	Pvt Drive	17.5±	16'	42		42			25
107+75	Pvt Drive	17.5±	16'	42		42			25
112+80	Pvt Drive	17.5±	16'	42		42			25
116+80	Pvt Drive	17.5±	16'	42		42			25
121+06.5	Public Road (Hulman St.)	110'	16'						28
125+85	Pvt Drive	23±	12±						28
129+85	Pvt Drive	17.5±	16'	36		36			28
134+05	Comm Drive	31.5±	16'	42		42	67		25
138+55	Pvt Drive	17.5±	16'	42		42			25
142+55	Pvt Drive	17.5±	16'	42		42			25
147+60	Pvt Drive	17.5±	16'	42		42			25
152+48	Pvt Drive	17.5±	16'	42		42			25
156+57	Pvt Drive	17.5±	16'	42		42			25
160+57	Pvt Drive	17.5±	16'	42		42			25
169+05	Pvt Drive	17.5±	16'	42		42			25
173+96	Public Road (Margaret Ave.)	110'	16'	42		42			25
54+33	Pvt Drive	18.5±	13±						29

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.
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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION	DESCRIPTION	LENGTH "L"	SKEW	COVER	FLOW LINE		CONCRETE CLASS "D"	SPECIAL BORROW GRADE "B"	REINFORCING STEEL	REMARKS	PLANS ON SHEET NO.
						UP STREAM ELEV.	DOWN STREAM ELEV.					
11	12+00 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	78'		5	534.0	529.0	0.64	3			
12	13+82	Group G-1 Pipe (Ga. 10 FBCCM Pipe Arch)	156'	30°	4	529.5	529.0	2.95	50		Construct Inlet & Outlet Ditches	
13	15+99 Rt.	Group G-1 Pipe (Ga. 12 FBCCM Pipe Arch)	42'		4			2.44	1		Remove Pipe in Place	
14	17+40 Lt.	24" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	24'		3			1.24	1		Remove Pipe in Place	
15	17+50 Rt.	Group G-1 Pipe (Ga. 12 FBCCM Pipe Arch)	72'		5			2.13	10		Remove Pipe in Place	
16	17+98 Rt.	12" Std. Inlet Type 'A-1' & Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	120'		2			0.64	4		Connect to STR. No. 17 Remove Inlet & Pipe in Place	
17	18+22 Rt.	12" Std. Inlet Type 'A-1' & Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	30'		1				2		Connect to STR. No. 16 Remove Inlet & Pipe in Place	
18	18+94 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	58'		3	542.6	539.6	0.64	2			
19	19+24 Lt.	6" Sewer Pipe	9'								To Terminate 6' F.T.	
20	20+68 Rt.	15" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	24'		2			0.69	1		Remove Pipe in Place	
21	21+66 Rt.	15" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	24'		2			0.69	1		Remove Pipe in Place	
22	21+87 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	50'		2	551.1	550.9	0.29	2			
23	24+42 Rt.	15" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	24'		2			0.69	1		Remove Pipe in Place	
24	26+90 Rt.	15" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	44'		5-1			0.69	2		Remove Pipe in Place	
25	28+20 Rt.	12" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	24'		2			0.58	1		Remove Pipe in Place	
26	35+14 Lt.	12" R.C. V.C. S.C.I. or Conc. Pipe	70'		12±			0.65	5		Connect to F.T. in Place	
27	35+15	36" Group 'A' Pipe (Ga. 14 FBCCM With P.I.)	156'	30°	10	546.0	545.0	8.12	12			
28	38+02 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	50'		2	553.2	552.5	0.29	2		Construct Outlet Ditch	
29	41+38	24" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	120'		5	547.0	544.4	1.24	6		Remove Pipe in Place	
30	42+48 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	64'		2	548.7	546.0	0.29	4			
31	50+65 Rt.	12" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	20'								To Terminate 10' F.T.	
32	51+70 Lt.	10" Sewer Pipe	9'									
33	52+50	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	76'		6	538.8	530.2	0.64	3			
34	58+50 Lt.	12" Std. RC Culvert Slab Top Type Under 3' Fill	100'		3	530.8	530.6	247.25	254	16389	H=5'-7" Wings 30° 50 Sys. of Concrete Slopewall 4" Req'd. at Outlet Construct Inlet & Outlet Ditches Remove Structure @ 50+85	
35	73+60 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	60'		3	545.6	542.5	0.64	2			
36	82+78 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	50'		2	566.7	566.5	0.29	2			
37	84+12 Lt.	12" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	52'		2			0.58	1		Remove Pipe in Place	
38	84+15 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	60'	30°	2	567.6	565.8	0.29	3			
39	89+09 Lt.	12" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	56'		2			0.58	2		Remove Pipe in Place	
40	89+30 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	50'		2	566.7	564.9	0.29	2			
41	94+33 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58			Remove Pipe in Place	
42	94+54 Lt.	12" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	24'		2			0.58			Remove Pipe in Place	
43	99+15 Lt.	6" Sewer Pipe	9'								To Terminate 4' F.T.	
44	99+17 Lt.	18" R.C. Pipe	48'		3			0.40	2		Extend Pipe in Place 48' Lt.	
45	99+25 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	50'		2	564.4	562.5	0.29	2			
46	100+16 Lt.	12" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	24'		2			0.58			Remove Pipe in Place	
47	101+58 Lt.	12" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	50'		2			0.58	1			
48	101+59 Lt.	6" Sewer Pipe	9'								To Terminate 5' F.T.	
49	101+84 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	46'		2	564.50	563.90	0.29	2			
50	102+88 Lt.	6" Sewer Pipe	9'								To Terminate 4' F.T.	
51	105+96 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	46'		2	565.4	564.7	0.29	2			
52	111+60 Lt.	12" Ga. 16 FBCCM With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
53	111+67 Lt.	15" R.C. Pipe	48'	20°	3			0.34	2		Extend Pipe in Place 48' Lt.	
54	112+66 Lt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
55	116+46 Lt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
56	116+59 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	44'		1	564.8	564.6	0.29	2			
57	118+95 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	42'		1	560.7	560.5	0.29	2			
58	120+46 Lt.	12" Std. Inlet Type 'A-9' & Ga. 16 FBCCM Pipe With P.I.	42'		1	558.0	557.6	0.29	2		See Sheet No. 28	
59	120+79 Lt.	12" B.C.C.M. Pipe With P.I.	24'		5-1			0.58	±			
60	120+85 Rt.	12" V.C. Pipe	20'		1			0.29	1		Remove 16' of Pipe in Place Extend Pipe 20' Lt. Construct Hdwl @ Inlet	
61	124+33	12" B.C.C.M. Pipe With P.I.	24'		5-1			0.58	±			
62	125+64 Lt.	R.C. Arch Bridge Extn 2 Spans @ 14'-0" (Under Fill)									See Sheet No. 31 to 38 For Quantities See Sheet No. 37 & 38	
		12" Std. Inlet Type E-7 & Ga. 16 FBCCM With P.I.	54'		5	550.7	545.7	0.64	2			

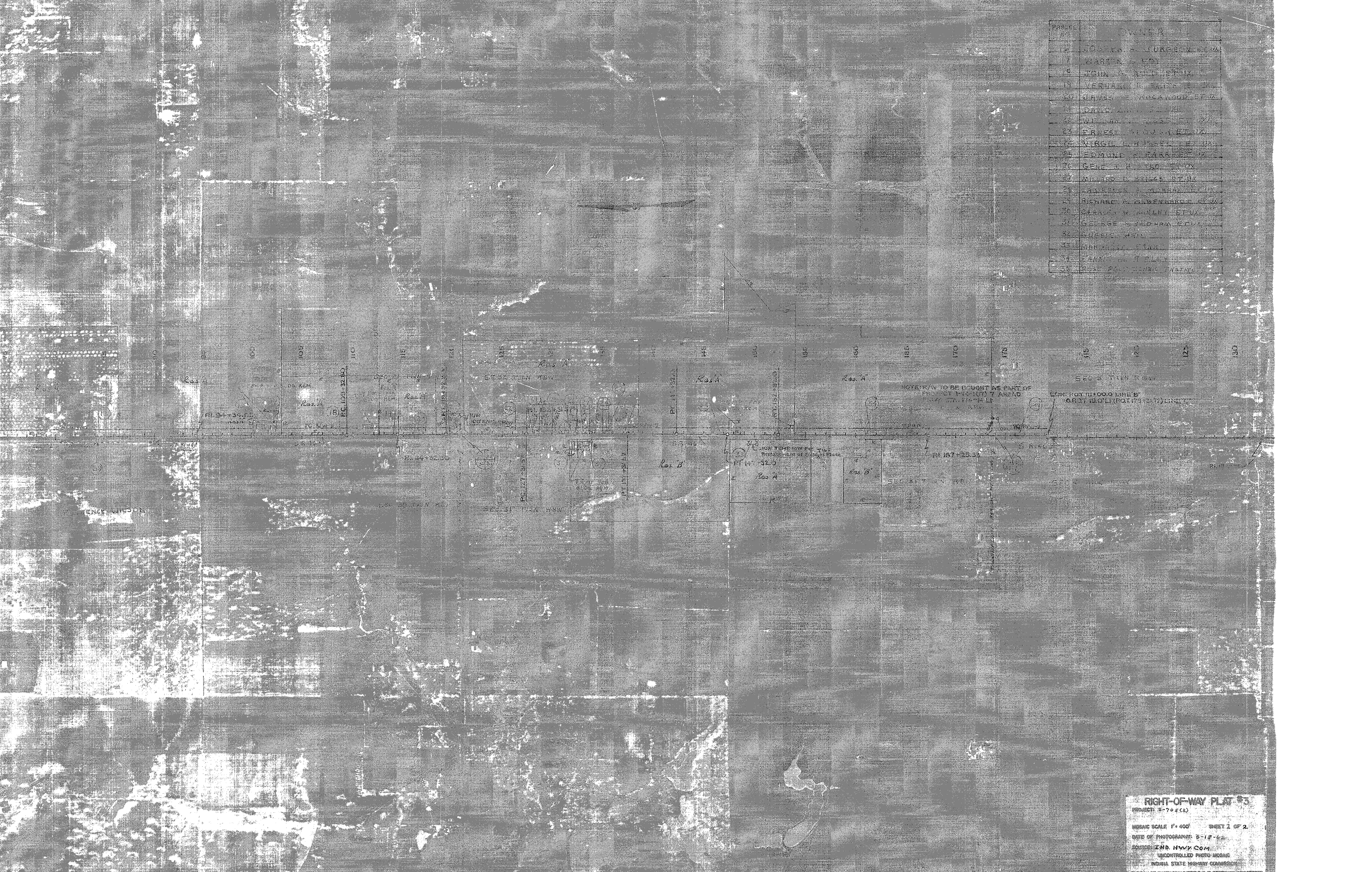
STRUCTURE NUMBER	LOCATION	DESCRIPTION	LENGTH "L"	SKEW	COVER	FLOW LINE		CONCRETE CLASS "D"	SPECIAL BORROW GRADE "B"	REINFORCING STEEL	REMARKS	PLANS ON SHEET NO.
						UP STREAM ELEV.	DOWN STREAM ELEV.					
63	126+06 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	44'		1	551.1	550.9	0.29	2			
64	126+94 Lt.	15" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.69	1		Remove Pipe in Place	
65	127+61 Rt.	15" Ga. 16 FBCCM Pipe With P.I.	36'		5-1			0.69	1		Remove Pipe in Place	
66	127+71 Lt.	15" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.69	1		Remove Pipe in Place	
67	128+18 Lt.	6" Sewer Pipe	9'								To Terminate 5" House Drain	
67A	128+94 Lt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58			Remove Pipe in Place	
68	129+15 Rt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
69	129+25 Lt.	6" Sewer Pipe	9'								To Terminate 4" House Drain	
70	129+85 Lt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	±		Remove Pipe in Place	
71	130+06 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	44'		1	552.0	551.8	0.29	2			
72	130+29 Lt.	6" Sewer Pipe	9'								To Terminate 5" House Drain	
73	130+48 Rt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
74	131+04 Lt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
75	131+34 Lt.	6" Sewer Pipe	9'								To Terminate 4" House Drain	
76	131+67 Lt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
77	131+93 Lt.	6" Sewer Pipe	9'								To Terminate 6" V.C.P. Outlet	
78	132+18 Rt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
79	132+89 Rt.	12" Ga. 16 FBCCM Pipe With P.I.	42'		5-1			0.58	1		Remove Pipe in Place	
80	133+76 Rt.	12" Ga. 16 FBCCM Pipe With P.I.	42'		5-1			0.58	1		Remove Pipe in Place	
81	134+31 Lt.	12" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	24'		2			0.58	1			
82	134+33 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	48'	15°	1	552.4	552.1	0.29	2			
83	135+30 Lt.	54" R.C. Pipe	39'	15°	2			1.59	7		Extend Pipe in Place 39' Lt.	
84	135+83 Lt.	24" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			1.24	1		Remove Pipe in Place	
85	138+55 Lt.	15" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.69	1		Remove Pipe in Place	
86	138+76 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	46'		1	555.3	555.1	0.29	2			
87	142+76 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	46'		1	558.5	558.3	0.29	2			
88	147+81 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	46'		1	560.3	560.1	0.29	2			
89	149+92 Rt.	15" Std. Type C-5 Catch Basin & Sewer Pipe	21'									
90	150+23 Lt.	18" R.C. Pipe	21'								Remove Inlet in Place & 21' Each of 15" & 18" Field Tile	
91	152+69 Lt.	36" Sewer Pipe	39'		4			4.06	4		Extend Pipe in Place 39' Lt. Construct Hdwl at Inlet	
92	156+78 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	50'		2	561.5	560.2	0.29	2			
93	160+78 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	52'		2	563.6	562.0	0.29	2			
94	162+53 Lt.	15" R.C. Pipe	42'		3			0.86	1		Extend Pipe in Place 42' Lt.	
95	168+84 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	46'		2	563.0	562.5	0.29	2			
96	170+86 Rt.	12" C.M. Pipe in Place									No Changes Req'd.	
97	171+82 Lt.	12" Std. Inlet Type E-7 & Ga. 16 FBCCM Pipe With P.I.	42'		2	559.7	558.2	0.29	2			
98	173+35 Lt.	12" Std. Inlet Type 'A-9' & Ga. 16 FBCCM Pipe With P.I.	42'		2	558.5	558.2	0.29	2			
99	173+96 Lt.	24" Group 'A' Pipe (Ga. 16 FBCCM With P.I.)	78'		1			1.24	5		Remove the 2 Pipes in Place	
100	173+96 Rt.	18" R.C. Pipe	24'		1			0.80	1		Extend 12' Ahead & 12' Back	
US# 40												
101	80+27 Rt.	12" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.58	1		Remove Pipe in Place	
102	81+78 Lt.	12" Std. Inlet Type C-5 & Sewer Pipe	50'									
103	84+30 Rt.	15" Ga. 16 FBCCM Pipe With P.I.	24'		5-1			0.69	1		Remove Pipe in Place Connect to Pipe in Place	
104	88+02 Rt.	12" Std.										

PARCEL No.	OWNER
1	GILBERTA M. MARSA
2	EDNA H. PETZOLD
3	ANON. HOLMDEL AL
4	KEITH E. PIPER
5	THE TRINITY CHURCH
6	LOUIS H. PETZOLD
7	THE TRINITY CHURCH
8	THE TRINITY CHURCH
9	EDWARD T. WISSEY ET AL
10	CITY OF LEARN JUDGE
11	ANDREW W. WILSON
12	WILLIAM W. WILSON
13	ANDREW W. WILSON
14	JOHN W. WILSON
15	JOHN W. WILSON



RIGHT-OF-WAY PLAT #3
 PROJECT: 8705(2)
 INDIAN SCALE 1"=400' SHEET 1 OF 2
 DATE OF PHOTOGRAPHY: 3-18-62
 SOURCE: IND. HWY. COM.
 UNCONTROLLED PORTION INDICATED
 INDIANA STATE HIGHWAY COMMISSION
 SURFACE OF PHOTOGRAMMETRIC & ELECTRONIC PROCESSED

PARCEL NO.	OWNER
12	JOSEPH A. ALDRIDGE ET AL
13	MARTIN A. EDY
14	JOHN B. SMITH ET AL
15	VERMONT BROS. CO. ET AL
16	WILLIAM S. GIBSON ET AL
17	DAVID L. ...
18	WILLIAM ...
19	ERNEST ...
20	MIRGIL ...
21	EDMUND ...
22	GENE ...
23	WILLIAM D. ...
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34	...
35	...



RIGHT-OF-WAY PLAT #3
 PROJECT 5-704(2)
 MOSAIC SCALE 1" = 400' SHEET 2 OF 2
 DATE OF PHOTOGRAPHY: 5-18-62
 SOURCE: INB. HWY. COM.
 UNCONTROLLED PHOTO MOSAIC
 INDIANA STATE HIGHWAY COMMISSION
 BUREAU OF PHOTOGRAMMETRIC & ELECTRONIC PROCESSES