

FEDERAL ROAD REGION NO.	STATE	S. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	105(4)	1963	1	150

INDEX

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34	STRUCTURE DATA SHEET
35-52	ESTIMATE OF QUANTITIES
	MISCELLANEOUS STANDARDS * SEE TABLE BELOW FOR B.P.R. APPROVAL & ADOPTED "A" OR REVISED "R"
53	STD. REINF. CONC. CULV.—SLAB TOP TYPE UNDER FILL 1'-0" TO 5'-0" (10'-0" TO 20'-0" SPAN)
54	STD. REINF. CONC. CULV.—SLAB TOP TYPE WITHOUT FILL (10'-0" TO 20'-0" SPAN) 15° SKEW
55	STD. REINF. CONC. CULV.—SLAB TOP TYPE UNDER FILL 1'-0" TO 5'-0" (10'-0" TO 20'-0" SPAN) 30° SKEW
56	STD. REINF. CONC. CULV.—SLAB TOP TYPE WITHOUT FILL (10'-0" TO 20'-0" SPAN) 30° SKEW
57	STD. REINF. CONC. CULV.—SLAB TOP TYPE UNDER FILL 1'-0" TO 5'-0" (10'-0" TO 20'-0" SPAN) 45° SKEW
58	STD. REINF. CONC. CULV.—SLAB TOP TYPE WITHOUT FILL (10'-0" TO 20'-0" SPAN) 45° SKEW
59	STD. GUARD RAIL
60	STEEL BEAM GUARD RAIL "GR" B.P.R. APPROVED 8-9-61 REVISED 10-20-60
61	MISCELLANEOUS STANDARD SHEET NO. C1 (BRIDGE) { See Dates Below
62	MISCELLANEOUS STANDARD SHEET NO. M2 (BRIDGE).
63	MISCELLANEOUS STANDARD SHEET NO. M3 (BRIDGE).
64	STANDARDS FOR SUPERELEVATION B.P.R. APPROVAL 2-27-61, A- JAN., 1961.
65	DATA FOR SUPERELEVATING AND WIDENING OF CURVES
66	STD. DETOUR SIGNS, SHEET NO'S. 1, 2, 3, 3A, 4 & 5 SIX SHEETS INCL. 60A & 61A SEE DATES LISTED BELOW
67	CROSS SECTIONS

STATE OF INDIANA

INDIANA STATE HIGHWAY COMMISSION

CODE #0088

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

S-PROJECT NO. 105(4) (P.E. R/W CONSTR.)

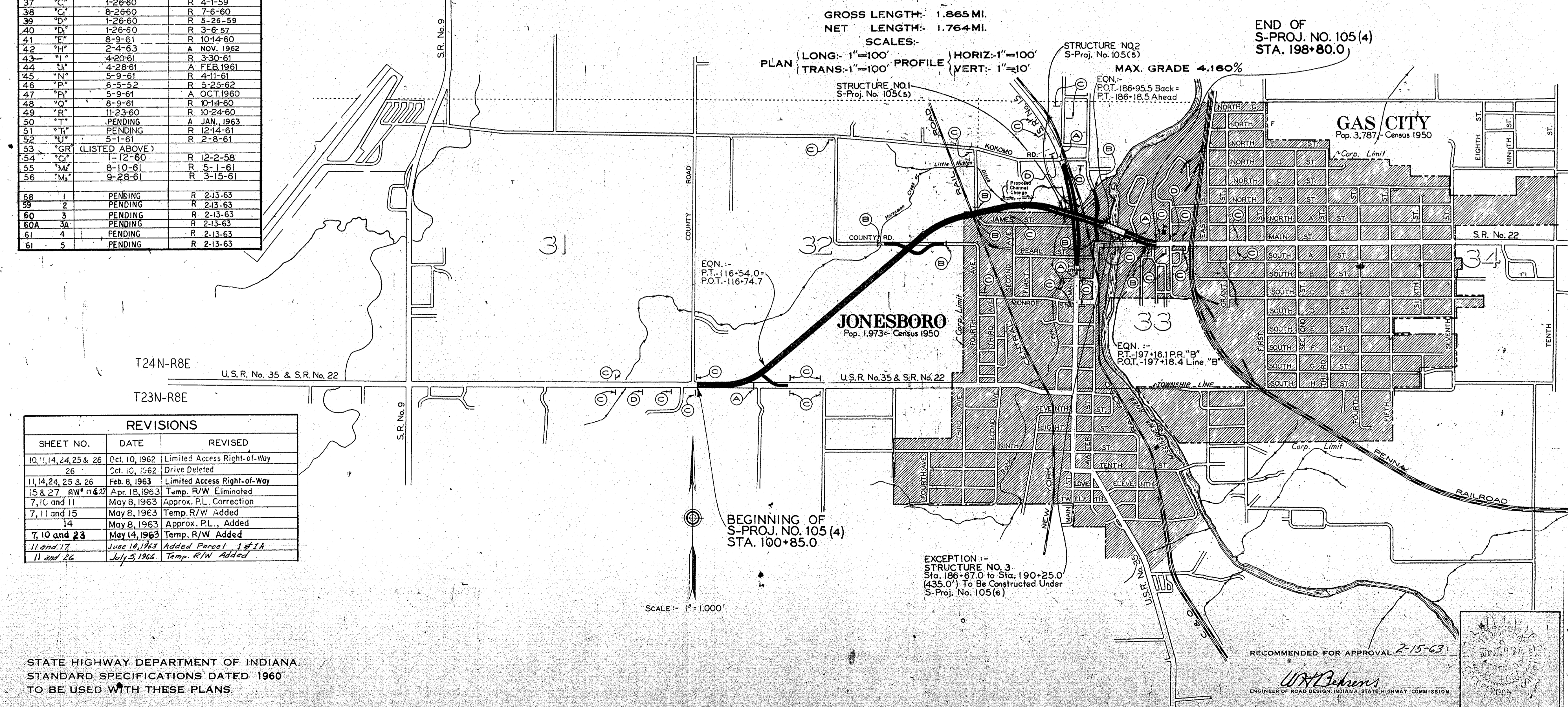
KOKOMO TO HARTFORD CITY ROAD

BEGINNING AT A POINT IN S.R. NO. 22 A DISTANCE OF 85.0 FEET EAST OF THE SW CORNER OF SEC. 32-T24N-R8E., IN GRANT COUNTY AND EXTENDING IN A NORTHEASTERLY AND EASTERLY DIRECTION A DISTANCE OF 9,849.0 FEET THRU THE TOWN OF JONESBORO TO A POINT ON S.R. NO. 22 AND MAIN STREET IN GAS CITY APPROXIMATELY 196.0 FEET EAST OF WEST STREET, ALL IN GRANT COUNTY

SHEET NO.	STD.	B.P.R. APPROVAL	ADOPTED "A" OR REVISED "R"
35	"A"	3-9-61	R 7-11-60
36	"B"	3-9-61	R 2-13-60
37	"C"	1-26-60	R 4-1-59
38	"D"	8-26-60	R 7-6-60
39	"E"	1-26-60	R 5-26-59
40	"F"	1-26-60	R 3-6-57
41	"G"	8-9-61	R 10-14-60
42	"H"	2-4-63	A NOV. 1962
43	"I"	4-20-61	R 3-30-61
44	"J"	4-28-61	A FEB. 1961
45	"K"	5-9-61	R 4-11-61
46	"L"	8-5-62	R 5-25-62
47	"M"	9-9-61	A OCT. 1960
48	"N"	8-9-61	R 10-14-60
49	"O"	11-23-60	R 10-24-60
50	"P"	PENDING	A JAN. 1963
51	"Q"	PENDING	R 12-14-61
52	"R"	5-1-61	R 2-8-61
53	"GR"	(LISTED ABOVE)	
54	"C1"	1-12-60	R 12-2-58
55	"M2"	8-10-61	R 5-1-61
56	"M3"	9-28-61	R 3-15-61
58	1	PENDING	R 2-13-63
59	2	PENDING	R 2-13-63
60	3	PENDING	R 2-13-63
60A	3A	PENDING	R 2-13-63
61	4	PENDING	R 2-13-63
61	5	PENDING	R 2-13-63

DESIGN DATA BEGINNING TO S.R. NO. 15	
A.D.T. (1961)	1,850 V.P.D.
A.D.T. (1981) PROJECTED	5,100 V.P.D.
D.H.V.	500 V.P.D.
DIRECTIONAL DISTRIBUTION	54%
TRUCKS	15%
DESIGN SPEED	70 M.P.H.
ACCESS CONTROL	FULL

DESIGN DATA S.R. NO. 15 TO END	
A.D.T. (1961)	9,000 V.P.D.
A.D.T. (1981) PROJECTED	15,000 V.P.D.
D.H.V.	1,675 V.P.D.
DIRECTIONAL DISTRIBUTION	86%
TRUCKS	12%
DESIGN SPEED	40 M.P.H.
ACCESS CONTROL	FULL



SIGN LEGEND	
(A)	Barricades Type "A"
(B)	Barricades Type "B"
(C)	Typical Sign Standards
(D)	Construction Identification

REVISIONS		
SHEET NO.	DATE	REVISED
10, 14, 24, 25 & 26	Oct. 10, 1962	Limited Access Right-of-Way
26	Oct. 10, 1962	Drive Deleted
11, 14, 24, 25 & 26	Feb. 8, 1963	Limited Access Right-of-Way
15 & 27	Apr. 18, 1963	Temp. R/W Eliminated
7, 10 and 11	May 8, 1963	Approx. P.L. Correction
7, 11 and 15	May 8, 1963	Temp. R/W Added
14	May 8, 1963	Approx. P.L., Added
7, 10 and 23	May 14, 1963	Temp. R/W Added
11 and 17	June 18, 1963	Added Parcel 1 & 2A
11 and 26	July 5, 1966	Temp. R/W Added

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

S-PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	PKL
105(4)	"B"	1	150	

LAND ACQUISITION ELECTRONIC DATA PROCESSES
DIVISION OF LAND ACQUISITION
INDIANA STATE HIGHWAY COMMISSION

PROJECT S-105(4) CODE 0088

PARCEL NUMBER	GRANTOR	CENTER LINE	STATION TO STATION L+R	SHEET NUMBER	TOTAL AREA	R/W AREA	NATURE OF TITLE	RESIDUE LEFT	RESIDUE RIGHT
1	The C and O Airway Co.	B	0184+70 TO 0186+15 L+R 11+17				0.860 AC PE		
1A	WOOD, OLANDER M. ET UX.	S4BPR	0053+80 TO 0055+45 R 17		200.970		0.020 AC PE		
2	WOOD, OLANDER M. ET UX.	B	0098+11 TO 0104+81 R 08				0.435 AC PE	200.535 AC	
3	WOOD, OLANDER M. ET AL.	B	0104+81 TO 0108+25 R 08		77.476 AC		0.136 AC PE		77.340 AC
4	CISCELL, EUGENE T. ET UX.	B	0100+22 TO 0144+25 L+R 08+09+13		140.000 AC		6.802 AC PE	RESIDUE A	0.530 AC
4A							1.723 AC PE	RESIDUE B	104.881 AC
4B							0.041 AC PE	RESIDUE C	23.617 AC
4								RESIDUE D	2.406 AC
5	RANDOLPH, A. CARL ET UX.	B	0131+56 TO 0136+74 L+R 09		39.270 AC		1.189 AC PE	0.960 AC	37.121 AC
6	PARISH, CLAUDE E. ET UX.	B	0144+25 TO 0149+40 L+R 09+13		63.230 AC		2.311 AC PE	RESIDUE A	0.660 AC
6								RESIDUE B	0.527 AC
6								RESIDUE C	59.732 AC
6A		S2B	0045+70 TO 0047+72 L 13		78.500 AC		0.063 AC PE	RESIDUE A	39.500 AC
6A								RESIDUE B	38.937 AC
7	ARMFIELD, CLIFTON ET UX.	C	0149+88 TO 0162+39 L+R 09+10		20.000 AC		2.871 AC PE	9.144 AC	7.985 AC
7 T							0.425 AC TE		
8	VIERLING, MEREDITH ET UX.	C	0162+99 TO 0163+28 L+R 10+21		14.854 SF		3.545 SF PE	11.309 SF	
9	BARKER, RAY H. ET UX.	C	0163+89 TO 0170+00 L+R 10+21		4.632 AC		2.036 AC PE	2.596 AC	
9 T							0.085 AC TE		
10	GRANT REALTY, INC.	C	0163+89 TO 0164+40 R 10+21		6.771 SF		2.425 SF PE		4.346 SF
11	ZEEK, DONALD H. ET UX.	C	0164+40 TO 0165+43 R 10+21		13.399 SF		2.401 SF PE		10.998 SF
12	DUCKWALL, JOSEPH C. ET UX.	C	0165+43 TO 0165+60 R 10+21		26.287 SF		0.127 SF PE		26.160 SF
13	ANDES, JAMES E. ADMR.	C	0169+95 TO 0171+73 L 10		3.250 AC		0.396 AC PE	2.854 AC	
13 T							0.449 AC TE		
14	CARTER, HARRY A. ET AL.	C	0169+96 TO 0171+73 L+R 10		0.332 AC		0.332 AC WD		
15	VERMILION, WESLEY E. ET UX.	C	0171+73 TO 0173+53 L+R 10		3.000 AC		0.819 AC PE	2.181 AC	
15 T							0.359 AC TE		
16	PIERCE, NETTIE	C	0173+52 TO 0180+67 L+R 10+14+23		8.062 AC		3.340 AC PE	4.258 AC	0.464 AC
16 T							0.592 AC TE		
17	MILLSPAUGH, CORA A.	C	0174+96 TO 0175+55 R 10+22+23		11.708 SF		1.043 SF PE		10.665 SF
18	CAMPBELL, W.S. ET UX.	C	0175+55 TO 0176+08 R 10+22+23		5.792 SF		1.730 SF PE		4.062 SF
19 T	FIRST FEDERAL SAVINGS	C	0178+00 TO 0179+38 R 10+23		1.470 AC		32.423 SF TE		1.470 AC
20	LEFFLER, DAYTON, ET UX.	C	0180+68 TO 0183+90 L+R 11		1.422 AC		1.422 AC WD		
21	THE TOWN OF JONESBORO	S3B	0049+10 TO 0053+23 R 10+11+14		6.480 AC		0.416 AC PE		6.064 AC
21 T							0.888 AC TE		
22	ABSHIRE, VAUGHN	PRS4B	0043+74 TO 0045+23 R 17		43.560 SF		1.155 SF PE		42.405 SF
23	MCKEE, RUSSELL ET UX.	PRS4B	0044+00 TO 0046+38 L 17		140.525 SF		1.479 SF PE	139.046 SF	
24	LOGAN, ELLIS ET UX.	S4B	0045+52 TO 0047+84 R 17		8.712 SF		4.425 SF PE		4.287 SF
25	GITHENS, ERNEST ET UX.	B	0185+96 TO 0186+84 L+R 11+17		0.370 AC		0.200 AC PE	0.170 AC	
26	WOOD, LEWIS AND WALTER	S4B	0050+40 TO 0051+90 L 11+17		10.865 SF		5.218 SF PE	5.647 SF	
26 T							0.815 SF TE		
27 T	SMALTZ, CAROLYN R.	S4B	0051+90 TO 0052+54 L 11+17		4.652 SF		0.276 SF TE	4.652 SF	
28	MISSISSINewa POST NO. 95	PRB	0192+45 TO 0196+57 R 12+29		174.327 SF		0.384 SF PE		173.943 SF
29	BIGGER, ROY L. ET UX.	B	0197+17 TO 0198+49 R 12+29		8.250 SF		0.420 SF PE		7.830 SF
29A					8.250 SF		0.330 SF PE		7.920 SF
30	MISSISSINewa SCHOOL	B	0188+56 TO 0198+49 L+R 11+12		21.599 AC		1.697 AC PE	19.628 AC	0.274 AC
30 T							2.416 AC TE		
31	RICHCREEK, L. MEREDITH	C	0183+66 TO 0183+69 L+R 11+26		0.370 AC		0.023 AC PE		0.347 AC
32	PACE, WILLIAM ET UX.	S3B	0041+50 TO 0043+92 R 14		5.040 AC		0.119 AC PE	4.749 AC	0.172 AC
33	MEIBOOM, PAUL EDWARD	S3B	0092+75 TO 0092+84 R 14		1.280 AC		0.060 AC PE		1.220 AC
34	RICHCREEK, L. MEREDITH	S3B	0050+35 TO 0051+25 L 11+26		UNKNOWN		0.059 AC TB		

ADDED OCT. 7, 1965 R.F.H.

REVISED 7-5-66 PALKOPFER

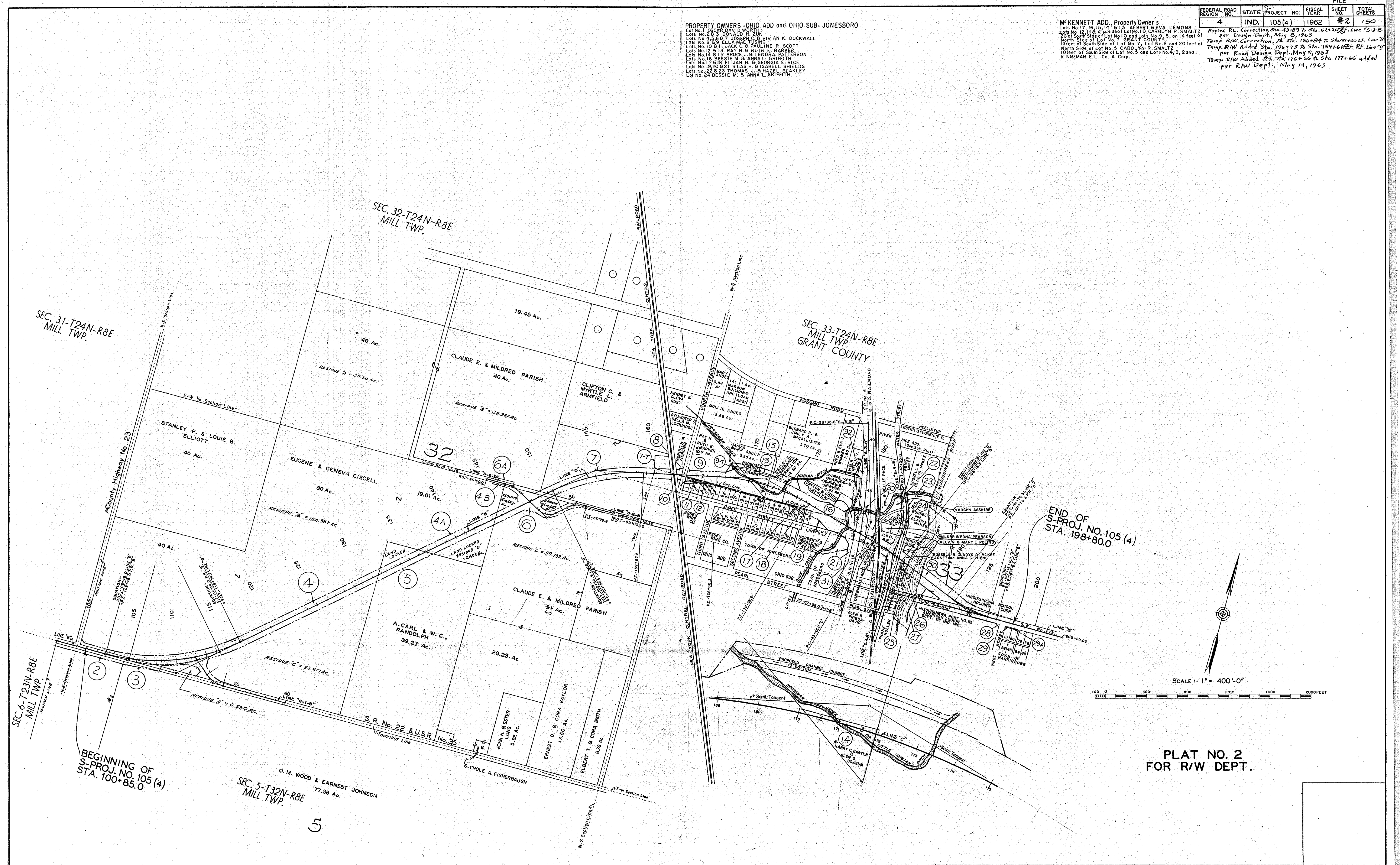
FEDERAL ROAD REGION NO.	STATE	S-PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	105(4)	1962	2	150

FILE

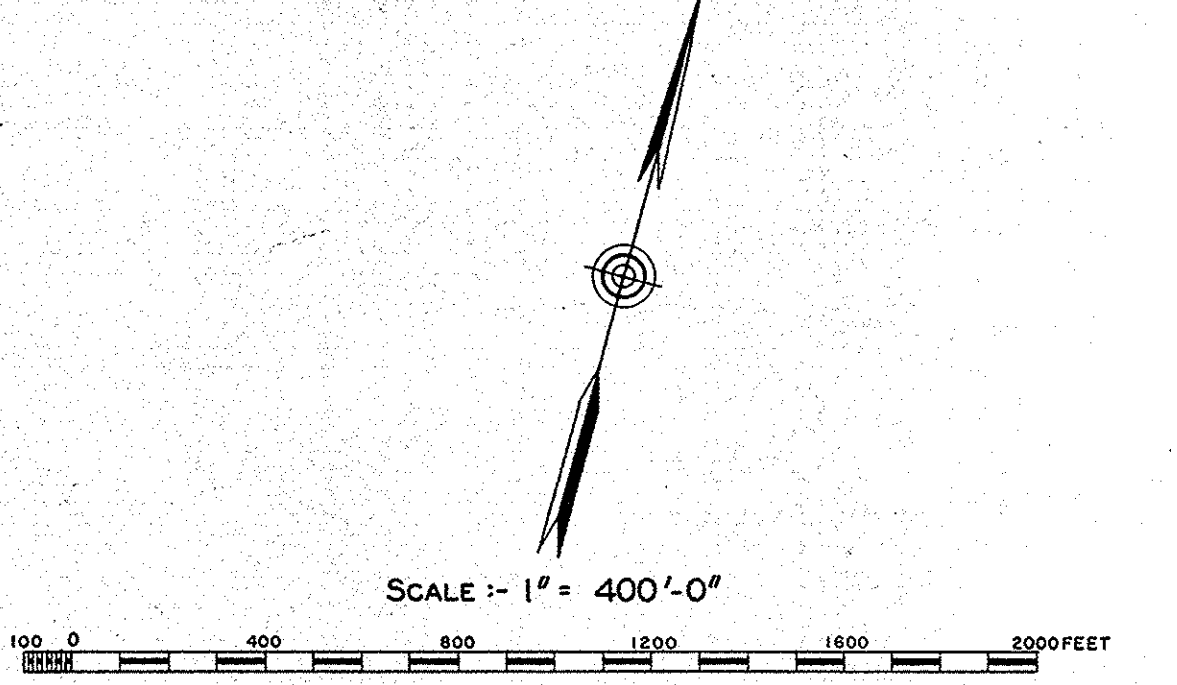
PROPERTY OWNERS - OHIO ADD and OHIO SUB - JONESBORO
 Lot No. 1 OSCAR DAVID WORTH
 Lot No. 2 S. DONALD H. ZUK
 Lot No. 3 J. JOSEPH C. & VIVIAN K. DUCKWALL
 Lot No. 4 S. L. M. TOSING
 Lot No. 5 J. JACK C. & PAULINE R. SCOTT
 Lot No. 6 RAY H. & RUTH E. BARKER
 Lot No. 7 S. BONNE J. & LINDA R. PATTERSON
 Lot No. 8 BESSIE M. & ANNA L. GRIFFITH
 Lot No. 9 E. H. H. & GEORGIA E. RICE
 Lot No. 10 S. THOMAS J. & HAZEL S. KENNEL
 Lot No. 11 BESSIE M. & ANNA L. GRIFFITH

M^r KENNETT ADD. Property Owner's
 Lots No. 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Approx. R.L. Correction Sta. 43+89.7 Sta. 52+102. Line "3-B"
 per Design Dept., May 8, 1963
 Temp. R/W Correction, Sta. 186+84.7 Sta. 191+100 Lt. Line "B"
 Temp. R/W Added Sta. 186+75 Sta. 187+64 Rt. Line "B"
 per Road Design Dept., May 8, 1963
 10 feet of South Side of Lot No. 5 and Lots No. 4, 3, 2 and 1
 KINNEGAN E.L. Co. A Corp.
 Temp. R/W Added Rt. Sta. 176+66 Sta. 177+66 added
 per R/W Dept., May 14, 1963



END OF S-PROJ. NO. 105 (4) STA. 198+80.0



PLAT NO. 2 FOR R/W DEPT.

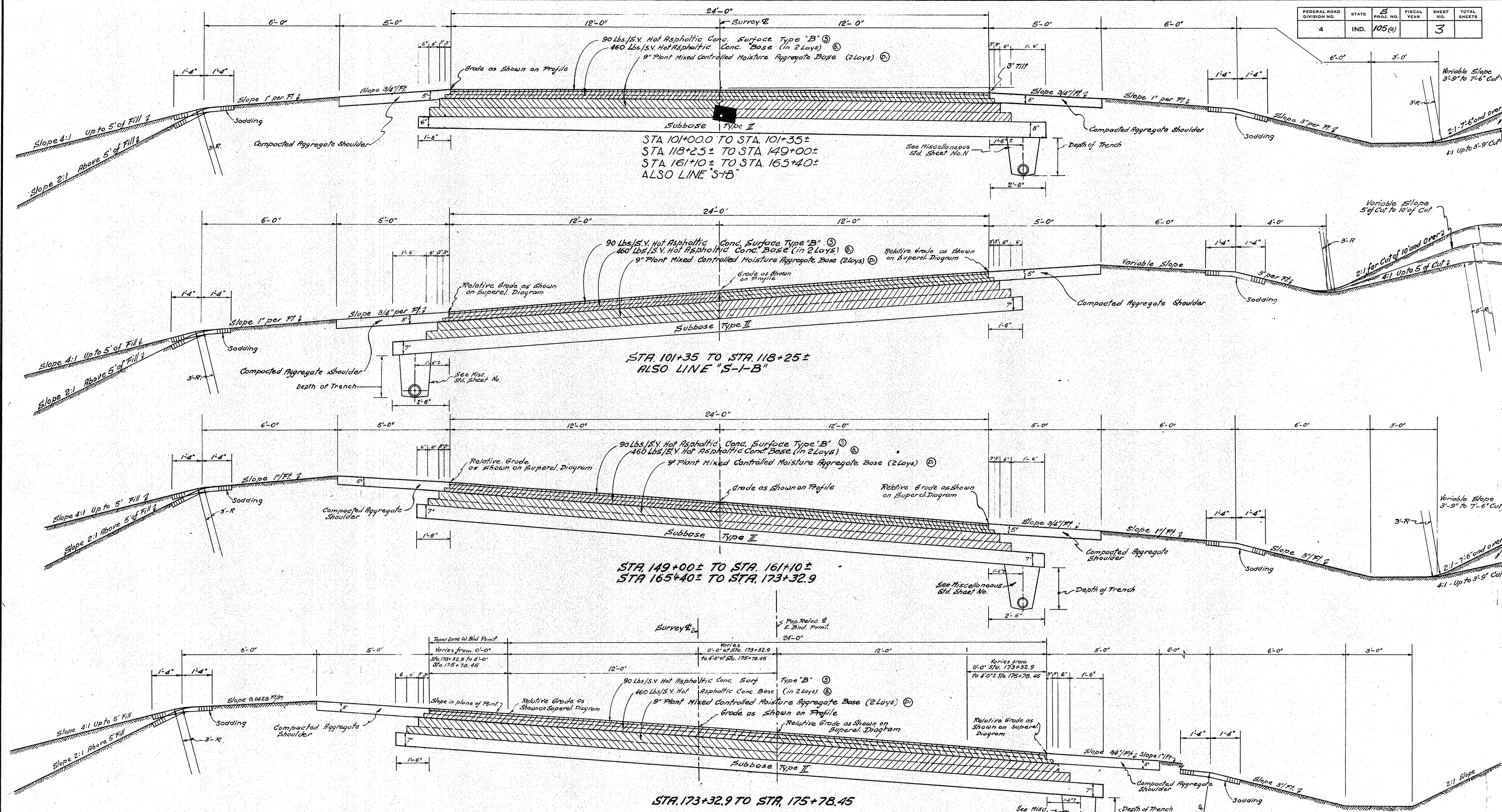
BEGINNING OF S-PROJ. NO. 105 (4) STA. 100+85.0

O. M. WOOD & EARNEST JOHNSON 77.58 Ac.
 SEC. 5-T32N-R8E MILL TWP.

5

S-PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
105(4)	2	2	150	

FEDERAL ROAD DIVISION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	105(4)		3	

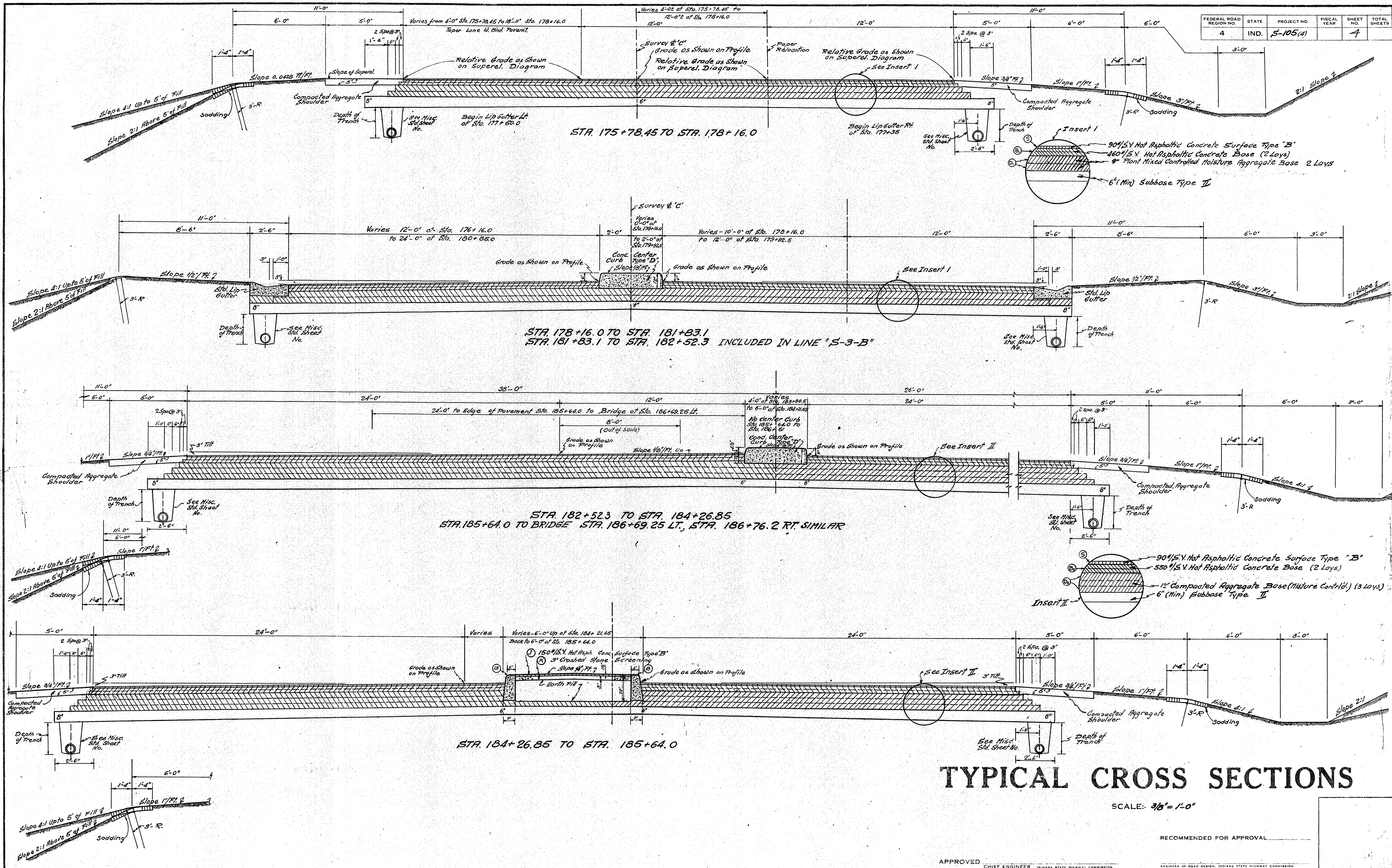


TYPICAL CROSS SECTIONS

SCALE: 1/2" = 1'-0"

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

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	5-105(4)		4	



TYPICAL CROSS SECTIONS

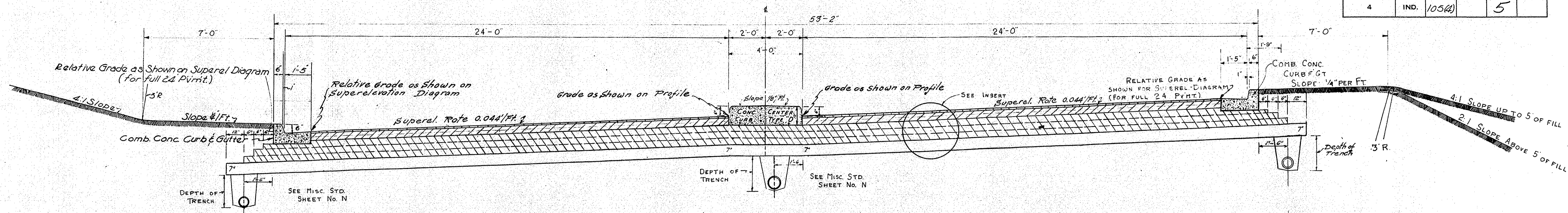
SCALE: 3/8" = 1'-0"

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

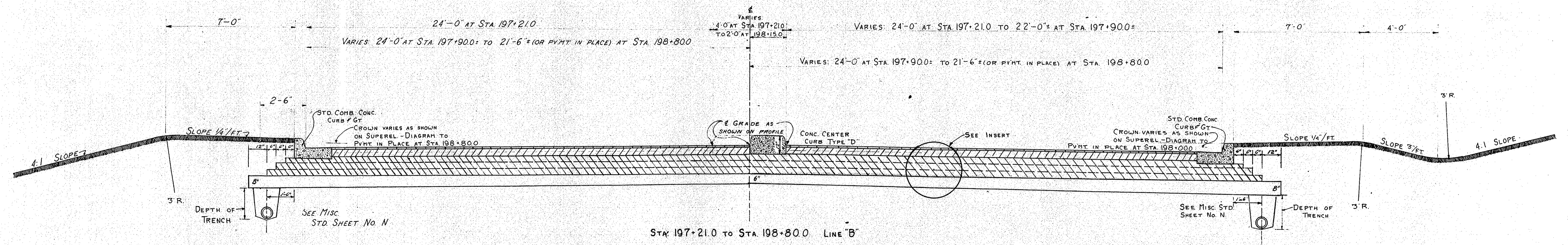
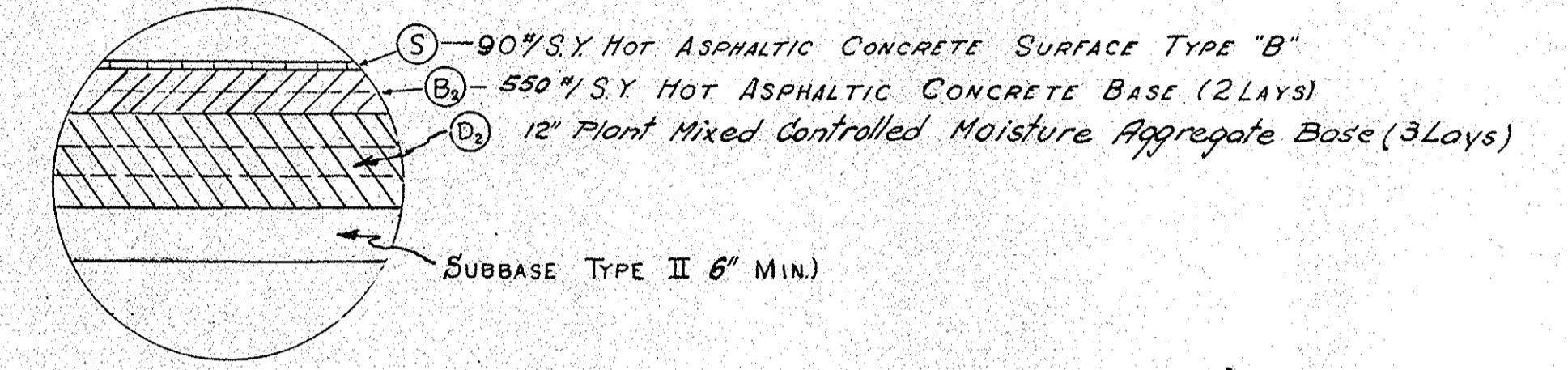
November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
5-105(4)				

FEDERAL ROAD DIVISION NO.	STATE	S PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	10544		5	



STA. 190+16.8 LT. + 23.75 RT. (BRIDGE) TO STA. 197+21.0 LINE "B"



STA. 197+21.0 TO STA. 198+80.0 LINE "B"

TYPICAL CROSS SECTIONS

SCALE: 3/8" = 1'-0"

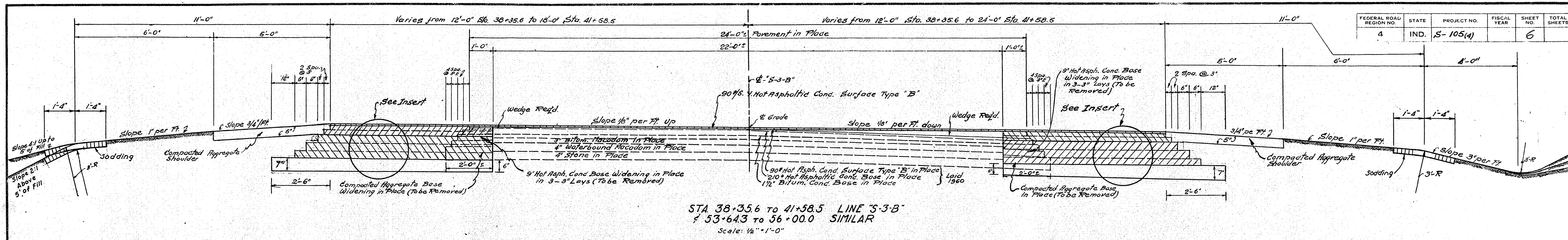
APPROVED _____
CHIEF ENGINEER - STATE HIGHWAY DEPARTMENT OF INDIANA

RECOMMENDED FOR APPROVAL _____

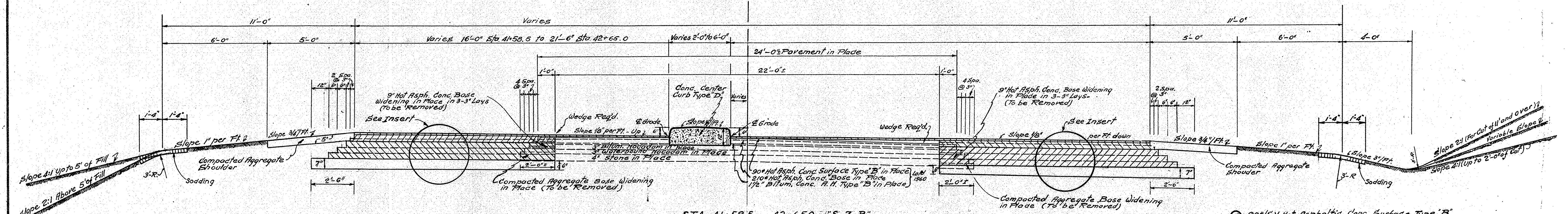
APPROVED _____
CHAIRMAN - STATE HIGHWAY DEPARTMENT OF INDIANA

ENGINEER OF ROAD DESIGN, STATE HIGHWAY DEPARTMENT OF INDIANA

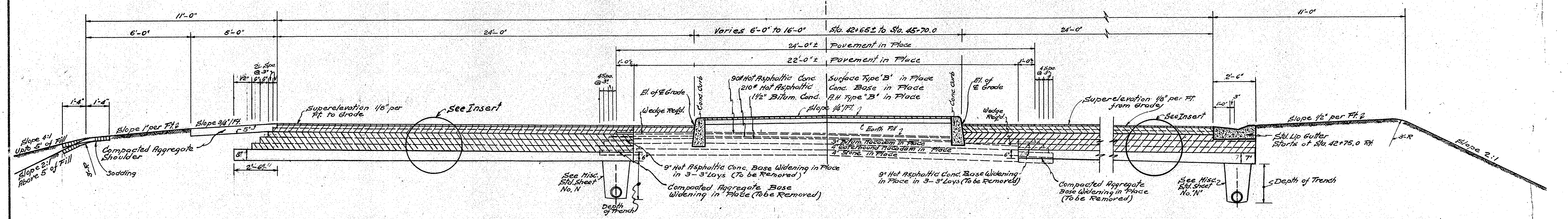
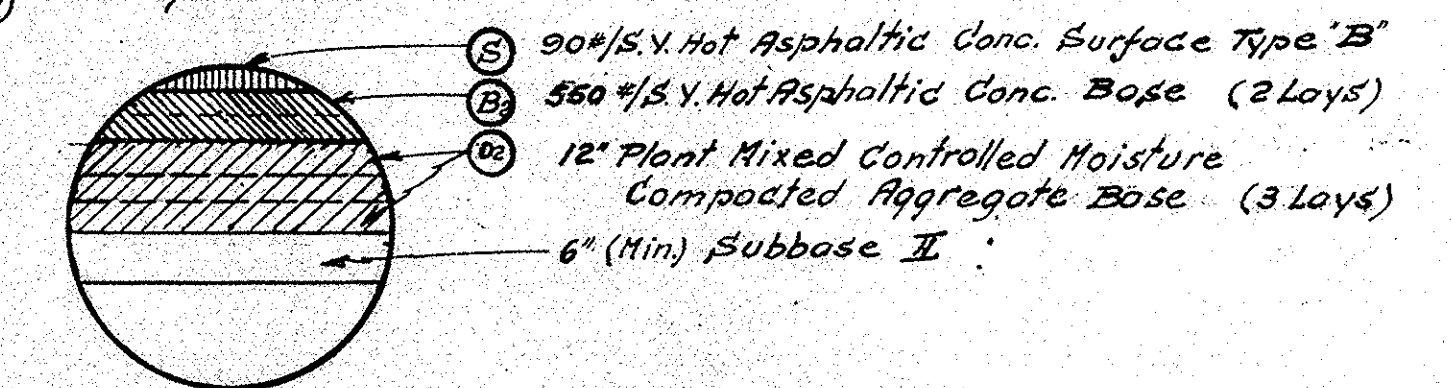
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	S-105(A)		6	



STA 38+35.6 TO 41+58.5 LINE "S-3-B"
 ± 53+64.3 TO 56+00.0 SIMILAR
 Scale: 1/8" = 1'-0"



STA 41+58.5 TO 42+65.0 "S-3-B"
 ± 53+10.0 TO 53+64.3 SIMILAR
 Scale: 3/8" = 1'-0"



STA 42+65.0 TO 45+65.0 "S-3-B"
 STA 51+12.0 TO STA. 53+10.0 SIMILAR
 Scale: 3/8" = 1'-0"

TYPICAL CROSS SECTIONS

LINE "S-3-B"

SCALE: AS INDICATED

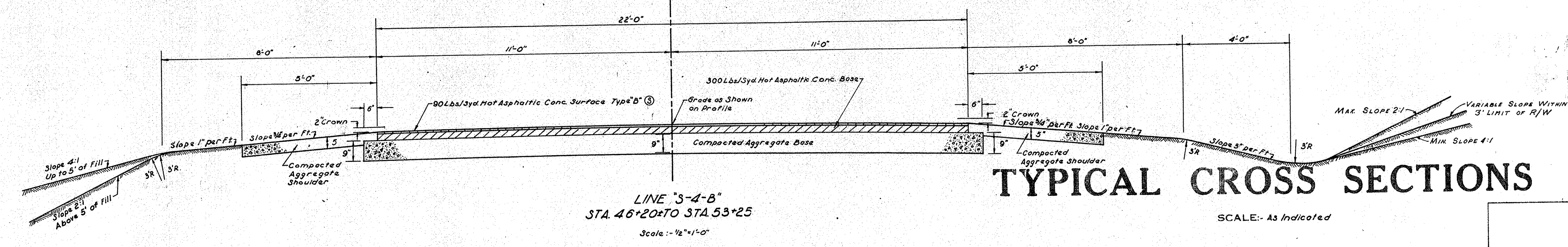
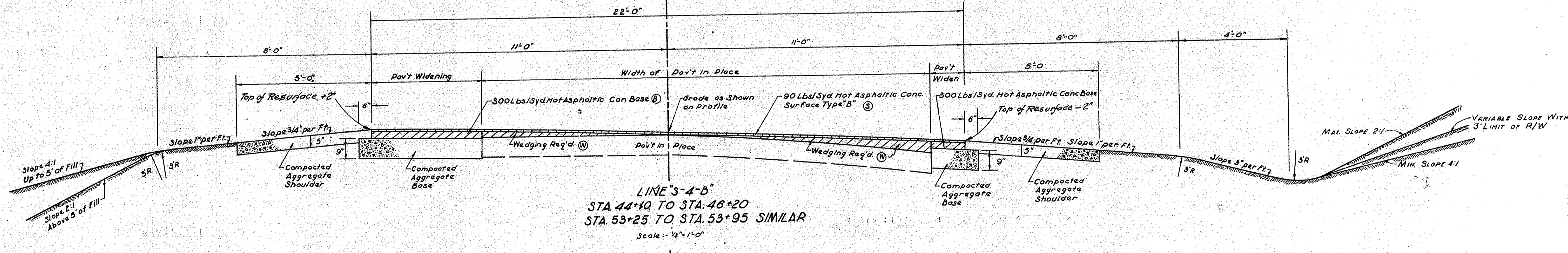
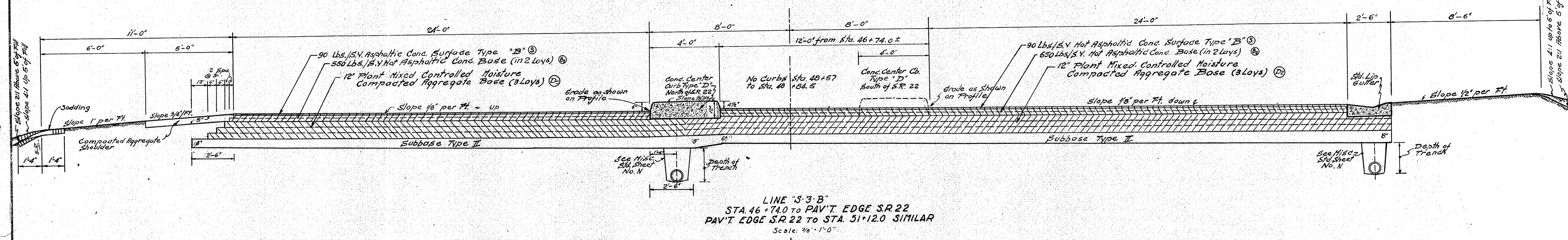
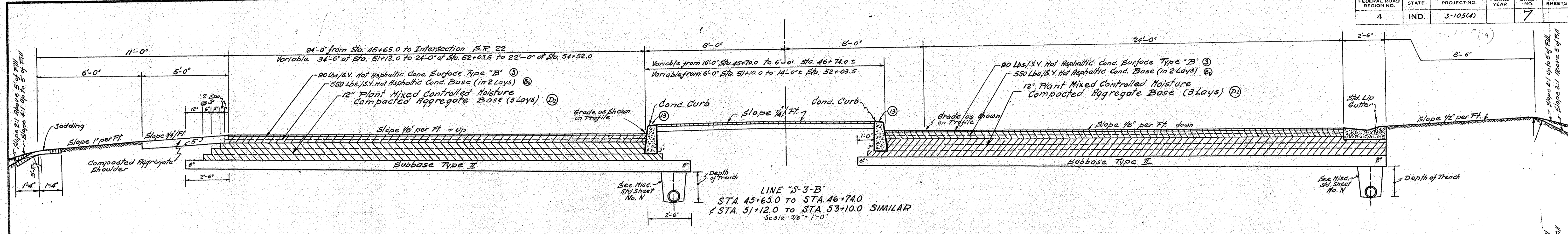
RECOMMENDED FOR APPROVAL _____

APPROVED _____ CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION

ENGINEER OF ROAD DESIGN - INDIANA STATE HIGHWAY COMMISSION

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
S-105(A)	S-3-B	5		

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	3-105(4)		7	



TYPICAL CROSS SECTIONS

SCALE: As Indicated

RECOMMENDED FOR APPROVAL

APPROVED
CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION

ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
3-105(4)				

UTILITIES OWNERSHIP
 GAS LINES - Central Indiana Gas Co., 3242 S. Nebraska St., Marion, Indiana (Approximately 2'-0" Min. to 3'-0" Max. Deep)
 TELEPHONE LINES - Indiana Bell Telephone Co., 216 W. 5th St., Marion Ind. (Att'n. Mr. F.S. Kaiser)
 POWER LINES - Indiana and Michigan Electric Co., 202 S. Washington St., Marion, Indiana
 SEWER LINES - Town of Jonesboro, City Hall, Jonesboro, Indiana

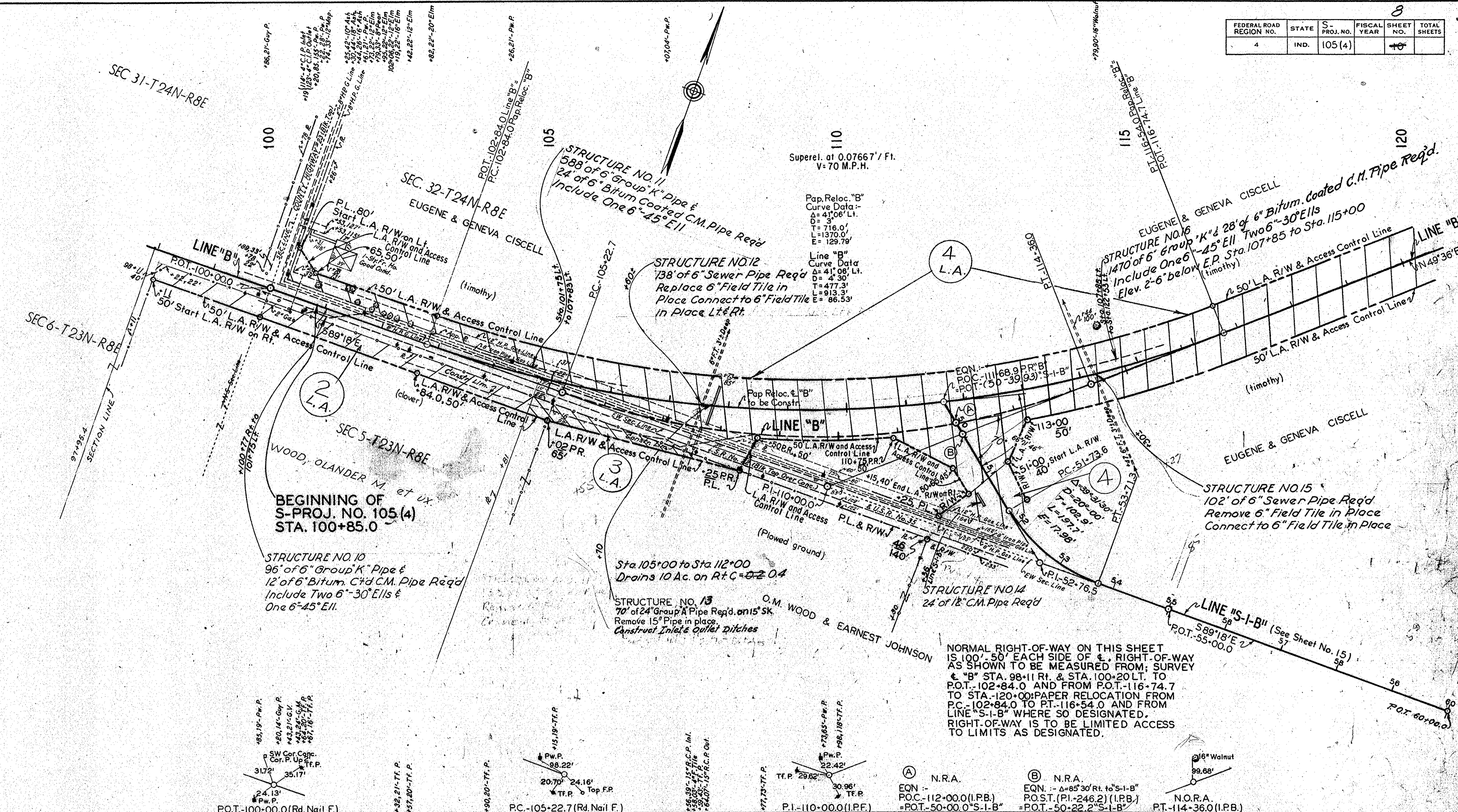
FEDERAL ROAD REGION NO.	STATE	S. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	105(4)		8	

PLAN

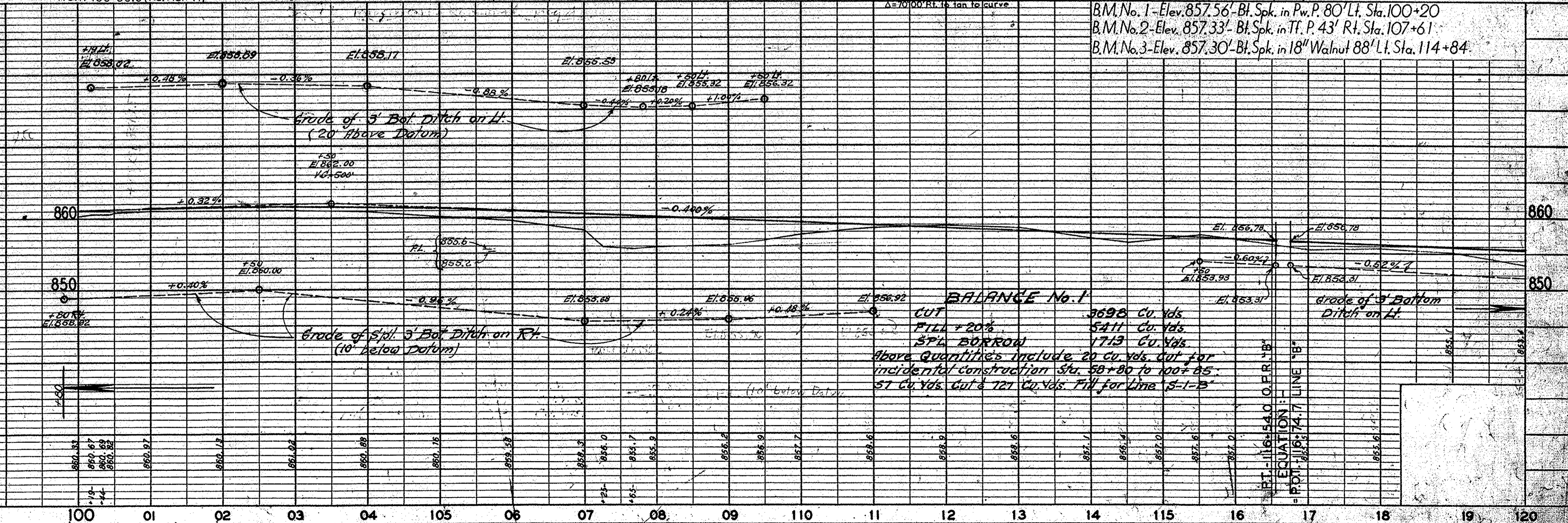
DATE	BY
6-12-39	J. F. WESTFALL
9-27-39	D. BAILEY
CHECKED	
NO. 8202-1	C. F. THICKS
NO. 8202-1	

PROFILE

DATE	BY
6-12-39	J. F. WESTFALL
9-27-39	D. BAILEY
CHECKED	
NO. 8202-1	C. F. THICKS
NO. 8202-1	



NORMAL RIGHT-OF-WAY ON THIS SHEET IS 100'-50' EACH SIDE OF & RIGHT-OF-WAY AS SHOWN TO BE MEASURED FROM SURVEY & "B" STA. 98+11 RT. & STA. 100+20 LT. TO P.O.T. 102+84.0 AND FROM P.O.T. 116-74.7 TO STA. 120+00. PAPER RELOCATION FROM P.C. 102+84.0 TO P.T. 116+54.0 AND FROM LINE "S-1-B" WHERE SO DESIGNATED. RIGHT-OF-WAY IS TO BE LIMITED ACCESS TO LIMITS AS DESIGNATED.

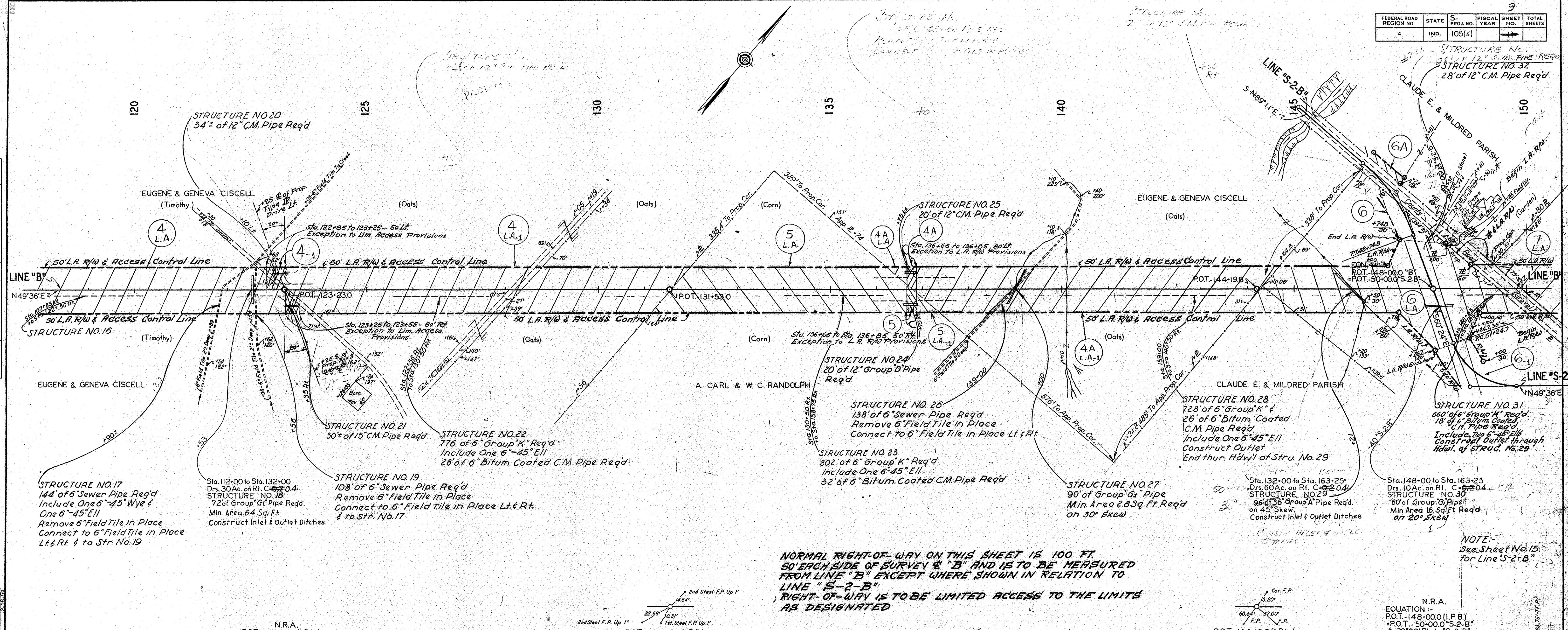


PLAN

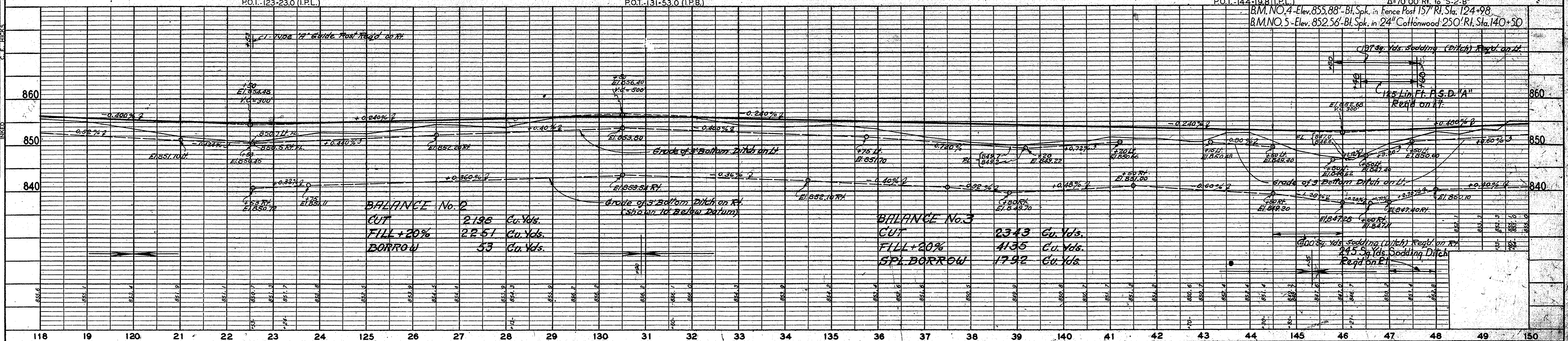
DATE	6-12-59
BY	J. F. WESTFALL
CHECKED	D. BAILEY
APPROVED	C. E. HICKS
NOTE BOOK NO.	B-110
STRUCTURE NOTATION CHKO	

PROFILE

DATE	6-12-59
BY	J. F. WESTFALL
CHECKED	D. BAILEY
APPROVED	C. E. HICKS
NOTE BOOK NO.	B-110
STRUCTURE NOTATION CHKO	



NORMAL RIGHT-OF-WAY ON THIS SHEET IS 100 FT. 50' EACH SIDE OF SURVEY "B" AND IS TO BE MEASURED FROM LINE "B" EXCEPT WHERE SHOWN IN RELATION TO LINE "S-2-B". RIGHT-OF-WAY IS TO BE LIMITED ACCESS TO THE LIMITS AS DESIGNATED.



See Detail of R.R. Crossing & 4th Ave. Intersection on Sheet No. 21

STATE HIGHWAY COMMISSION OF INDIANA

JONESBORO
Pop. 1973

Between Sta. 169 & 174 there are approx. 125 trees within 100' of E. Lt. & R. 6' to 20'

FEDERAL ROAD REGION NO.	STATE	S. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	105(4)	1963	10	150

- OHIO ADD. PROPERTY OWNERS**
- 1 OSCAR DAVID & IDA HELEN WORTH
 - 2 DONALD H. & GERALDINE ZEEK
 - 3 JOSEPH C. & VIVIAN K. DUCKWALL
 - 4 ELLA MAE TUSING
 - 5 JAMES EDWARD THOMAS
 - 6 JACK & PAULINE R. SCOTT
 - 7 RAY H. & RUTH E. BARKER
 - 8 DAVID & FRANCIS QUICK
 - 9 BESSIE M. & ANNA C. GRIFFITH
 - 10 GEORGIA E. RICE
 - 11 HARRY D. CRAWFORD
 - 12 HERBERT C. & CORA A. GRIFFITH
 - 13 CHARLES AND CORDELIS GROVES

GRANT CO. MILL TWP.
SEC 32-T24N-R8E

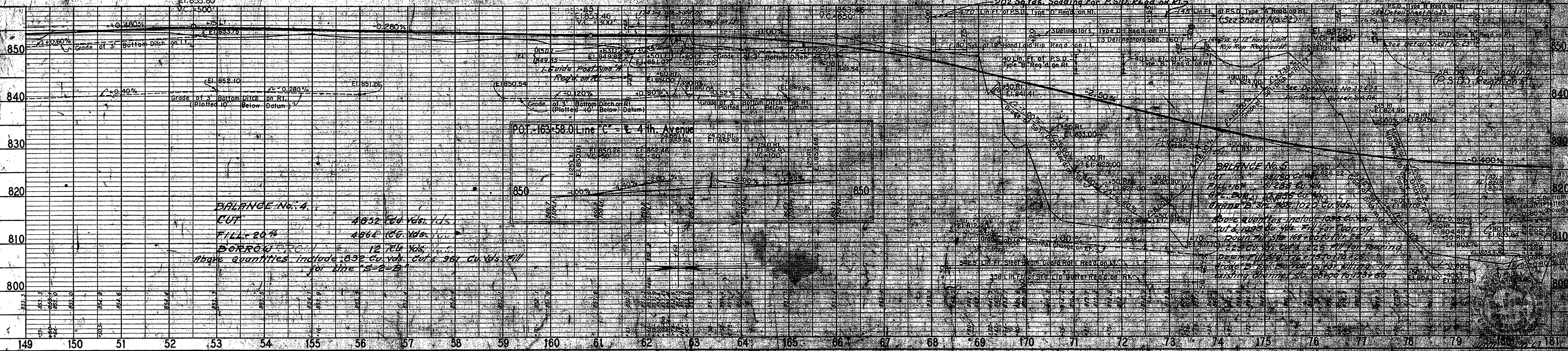
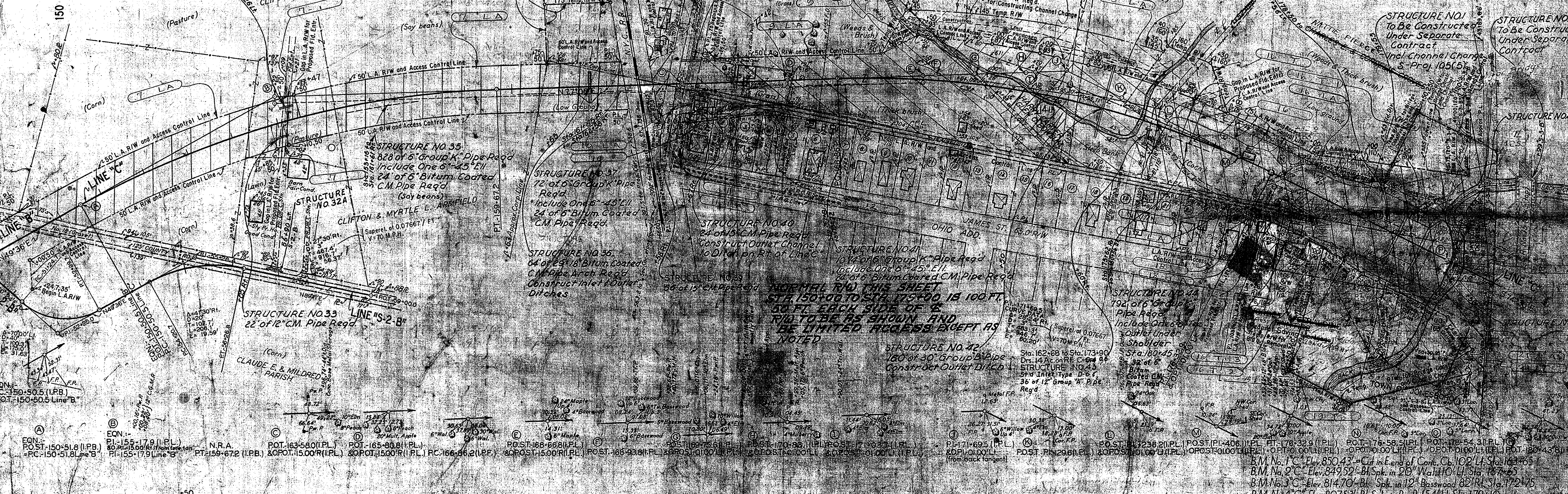
GRANT Co. MILL TWP.
SEC 33-T24N-R8E

See Sheet Nos. 22 & 23 for Details of Construction Sta. 176+32 to Sta. 180+85

STRUCTURE NO. 45
204' of 6" Group K Pipe Regd. Include One 6" Tee
32' of 6" Bitum Coated C.M. Pipe Regd. Outlet Under Shoulder Sta. 180+45

STRUCTURE NO. 1
To Be Constructed Under Separate Contract Incl. Channel Change S-1 Proj. 105(3)

STRUCTURE NO. 2
To Be Constructed Under Separate Contract



PLAN
SURVEYED BY: H. WESTFALL, P. RIVERA
PLOTTED BY: H. WESTFALL, P. RIVERA
CHECKED BY: C. E. TRICKS
DATE: 9-2-60

PROFILE
SURVEYED BY: H. WESTFALL, P. RIVERA
PLOTTED BY: H. WESTFALL, P. RIVERA
CHECKED BY: C. E. TRICKS
DATE: 9-2-60

NOTE:
SEE SH. NO. 31
FOR NEW GRADE
O&O. R.R. TRACK

C. & O. R.R. TRAFFIC CENSUS
10 Freight Daily North
10 Freight Daily South

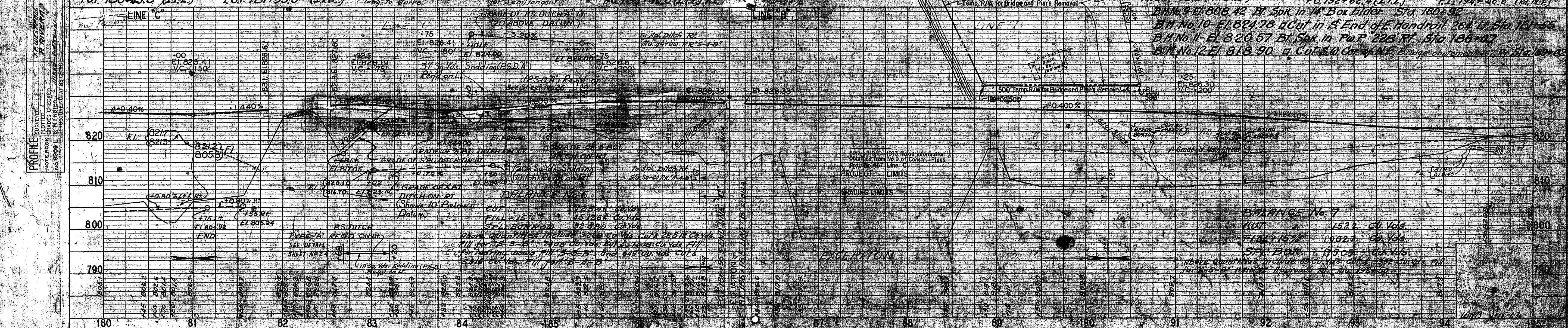
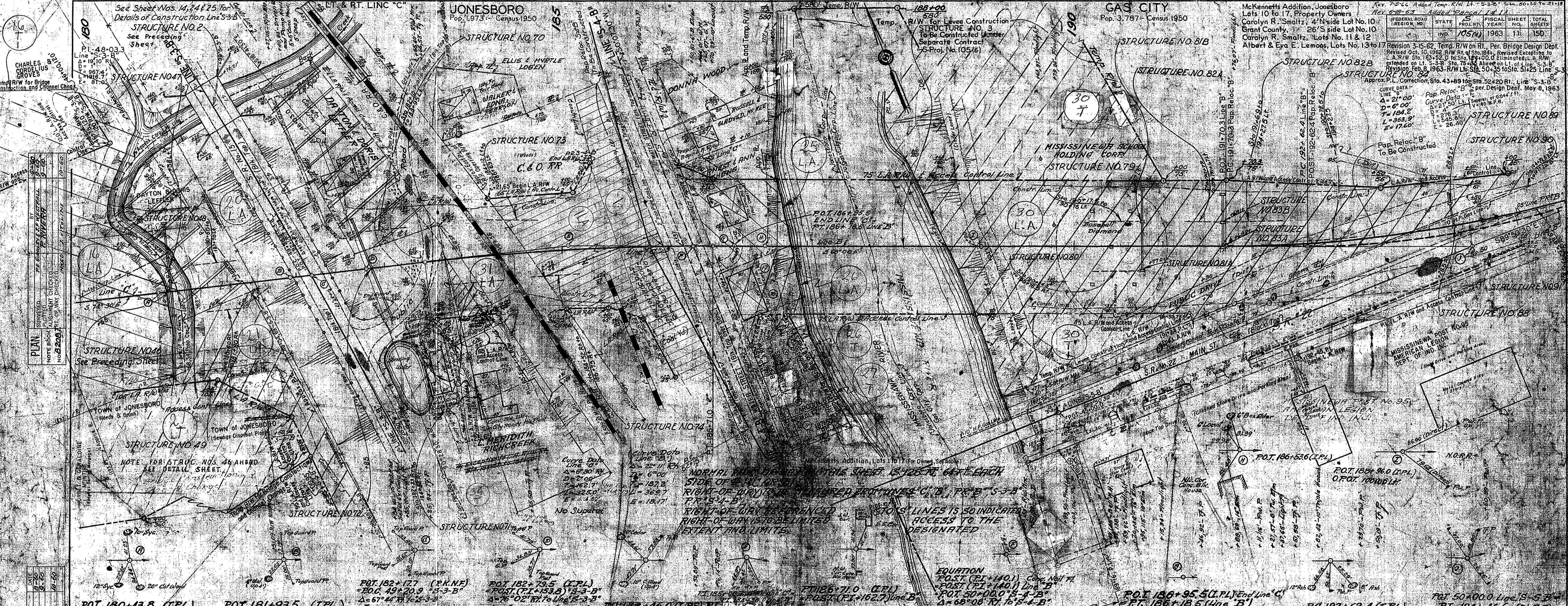
See Sheet Nos. 26 & 28 for Details of
Construction Sta 180+85 to Sta. 195+6

STATE HIGHWAY
COMMISSION OF INDIANA

See Sheet Nos. 25, 26 & 27 for Details
of Construction Line P.R. S-4-B

Temp. R/W Added Approx. P.L. Sta. 186+84, 75' L1. to 580' L1.
per Rd. Design Dept., May 8, 1963.

GENERAL ROAD DISTRICT	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IND.	IND.	10574	1963	11	150



GAS CITY
Pop. 3787-Census 1950

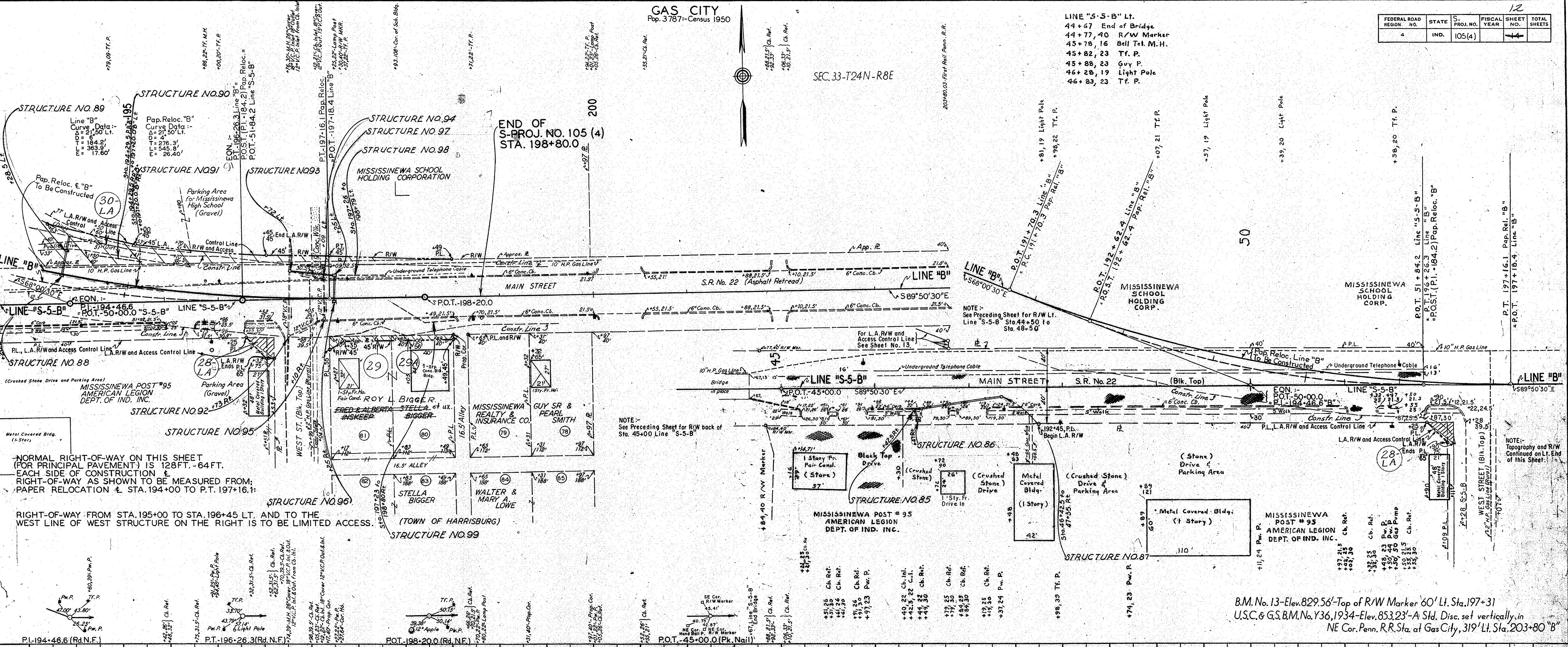
SEC. 33-T24N-R8E

LINE "S-5-B" Lt.
44+67 End of Bridge
44+77, 40 R/W Marker
45+78, 16 Bell T.I. M.H.
45+82, 23 Tt. P.
45+88, 23 Guy P.
46+28, 19 Light Pole
46+83, 23 Tt. P.

FEDERAL ROAD DISTRICT NO.	STATE	S. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	105(4)		12	

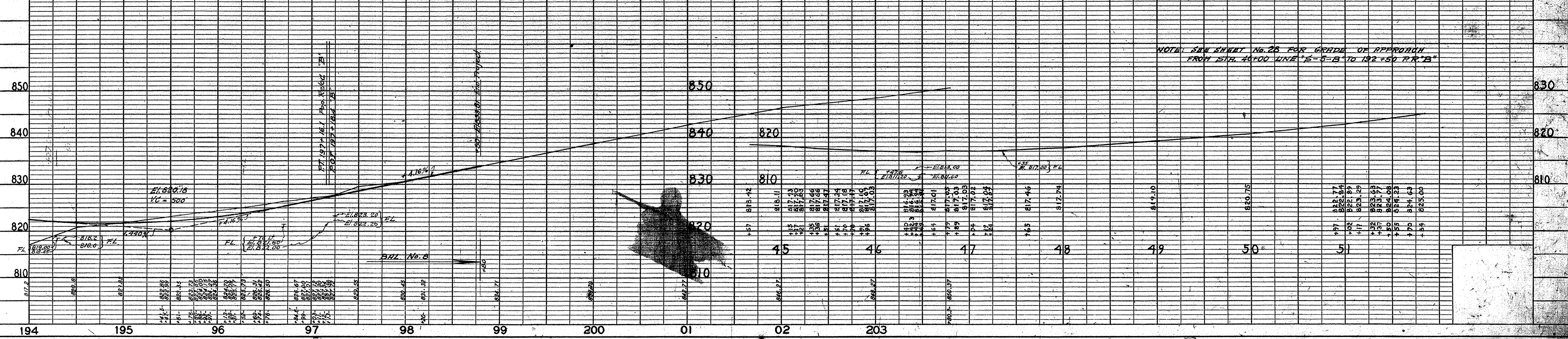
PLAN	DATE	BY
DESIGNED	6-12-59	J. E. WESTFALL
CHECKED	9-16-59	D. BAILEY
NOTED	12-15-59	C. E. HICKS

PROFILE	DATE	BY
DESIGNED	6-12-59	J. E. WESTFALL
CHECKED	9-16-59	D. BAILEY
NOTED	12-15-59	C. E. HICKS



NORMAL RIGHT-OF-WAY ON THIS SHEET (FOR PRINCIPAL PAVEMENT) IS 128 FT. - 64 FT. EACH SIDE OF CONSTRUCTION & RIGHT-OF-WAY AS SHOWN TO BE MEASURED FROM PAPER RELOCATION & STA. 194+00 TO P.T. 197+16.1.

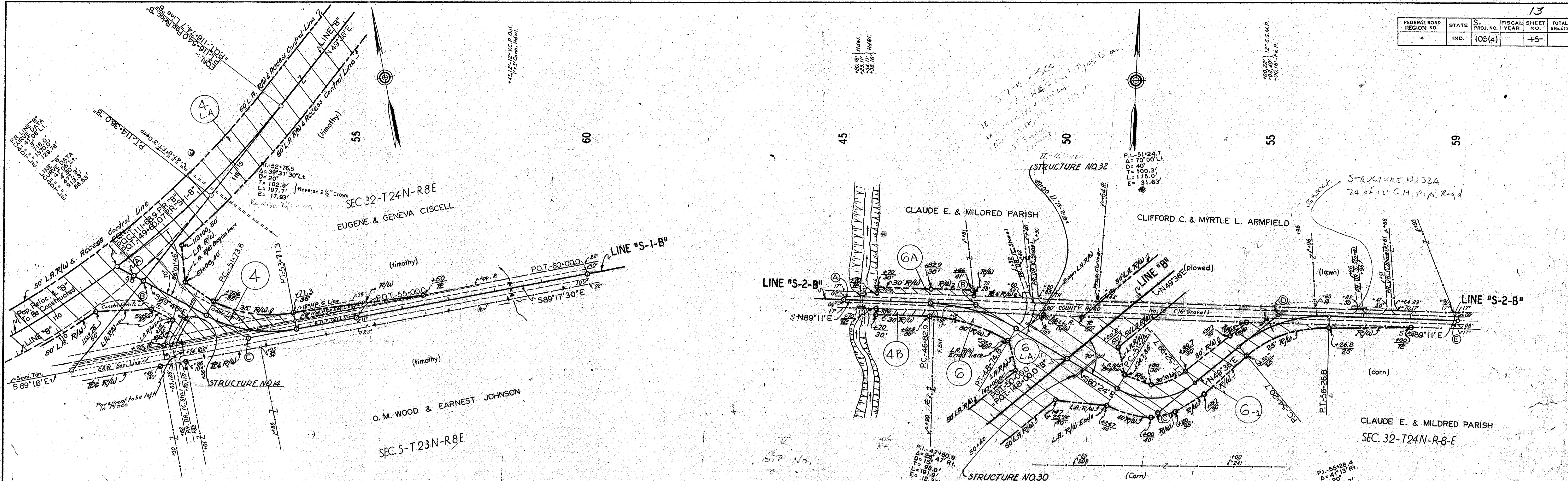
RIGHT-OF-WAY FROM STA. 195+00 TO STA. 196+45 LT. AND TO THE WEST LINE OF WEST STRUCTURE ON THE RIGHT IS TO BE LIMITED ACCESS.



NOTE: SEE SHEET NO. 26 FOR GRADE OF APPROACH FROM STA. 45+00 LINE "S-5-B" TO 192+50 P.R. "B"

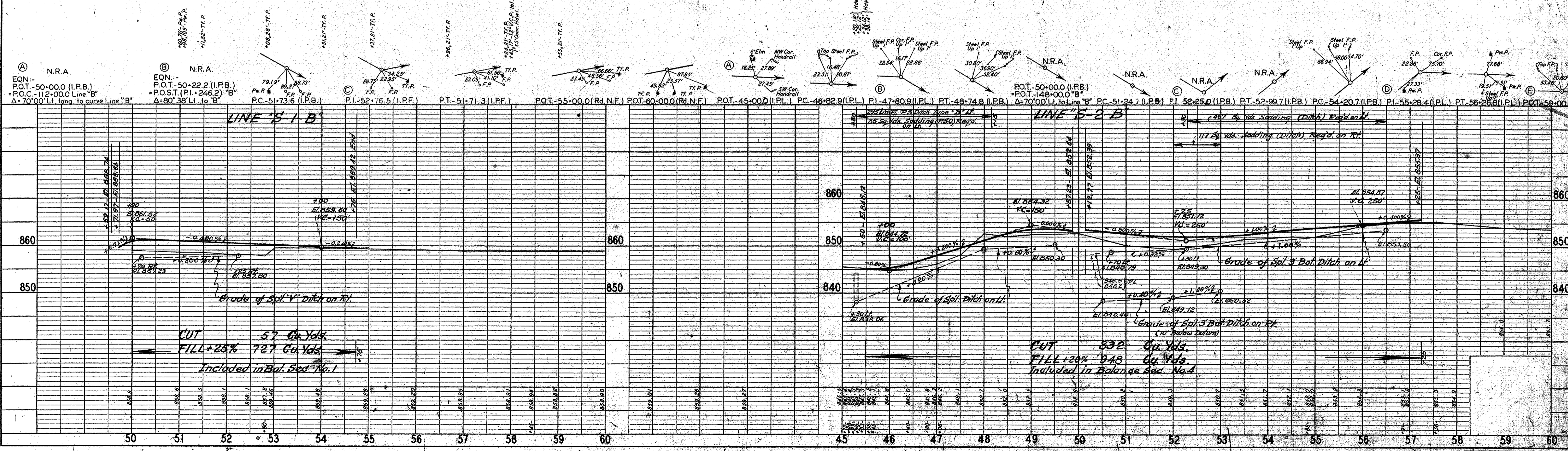
B.M. No. 13-Elev. 829.56'-Top of R/W Marker 60' Lt. Sta. 197+31
U.S.C. & G.S. B.M. No. Y36, 1934-Elev. 853.23'-A Std. Disc. set vertically in NE Cor. Penn. R.R. Sta. at Gas City, 319' Lt. Sta. 203+80 "B"

DATE	12-23-59
BY	J.F. WESTFALL
NOTED	C.E. HICKS
NO. 8202-L	
NO. 8202-L	
NO. 8202-L	
NO. 8202-L	



RIGHT-OF-WAY ON THIS SHEET TO BE MEASURED FROM LINES "S-1-B" & "S-2-B" RESPECTIVELY EXCEPT AS SHOWN, AND IS NOT TO BE LIMITED ACCESS

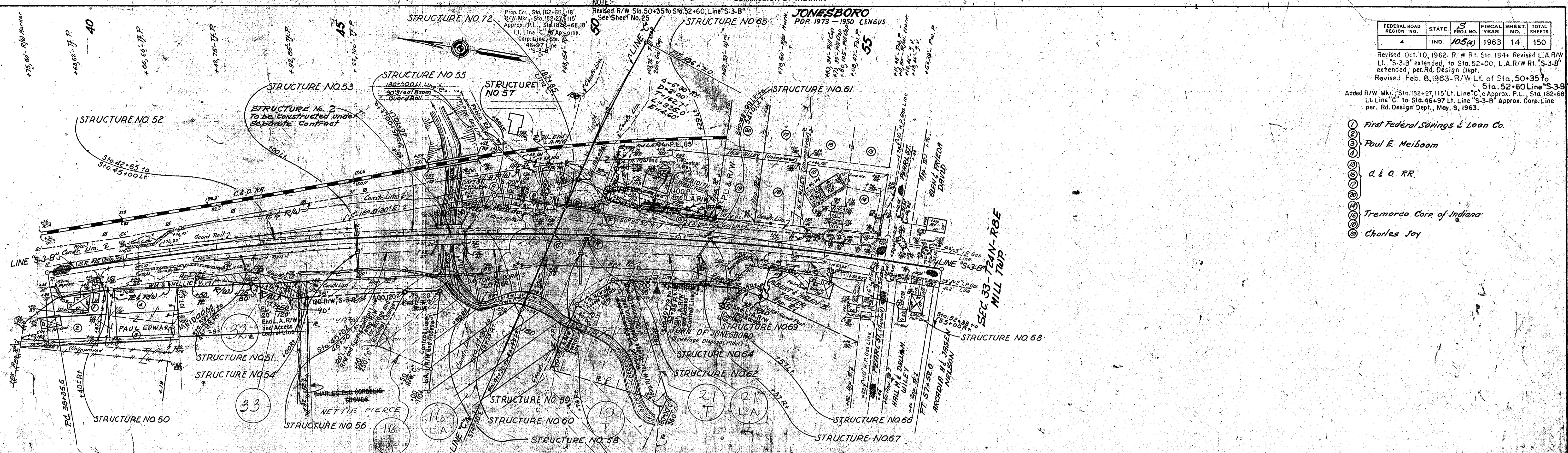
DATE	12-23-59
BY	J.F. WESTFALL
NOTED	C.E. HICKS
NO. 8202-L	
NO. 8202-L	
NO. 8202-L	
NO. 8202-L	



FEDERAL ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	105(a)	1963	14	150

Revised Oct. 10, 1962, R/W Pt. Sta. 184+ Revised L.A./W Lt. "S-3-B" extended, to Sta. 52+00, L.A./W Rt. "S-3-B" extended, per Rd. Design Dept.
Revised Feb. 8, 1963, R/W Lt. of Sta. 50+35 to Sta. 52+60 Line "S-3-B" Lt. Line "C" to Sta. 46+97 Lt. Line "S-3-B" Approx. Corp. Line per. Rd. Design Dept., May 8, 1963.

- ① First Federal Savings & Loan Co.
- ② Paul E. Meiboom
- ③ C. & O. RR.
- ④ Tremarco Corp of Indiana
- ⑤ Charles Joy



RIGHT-OF-WAY ON THIS SHEET TO BE MEASURED FROM LINES "C" & "S-3-B" AS INDICATED. RIGHT-OF-WAY IS TO BE UNLIMITED ACCESS ALONG LINE "S-3-B" EXCEPT WHERE THE LIMITS OF LIMITED ACCESS R/W ADJACENT TO LINE "C" ARE DESIGNATED.

NOTE - SEE SHEET NO'S 24 & 25 FOR DETAILS OF CONSTRUCTION LINE "S-3-B"

EQUATION
 $PI. 48+03.0$ (I.P.L.)
 $PC. 38+35.6$ (P.K.N.F.)
 $PT. 295+40.3$ C' PR.
 $POST. (PI+30.5)$ "C"
 $POST. (PI+00.0)$ (I.P.L.)

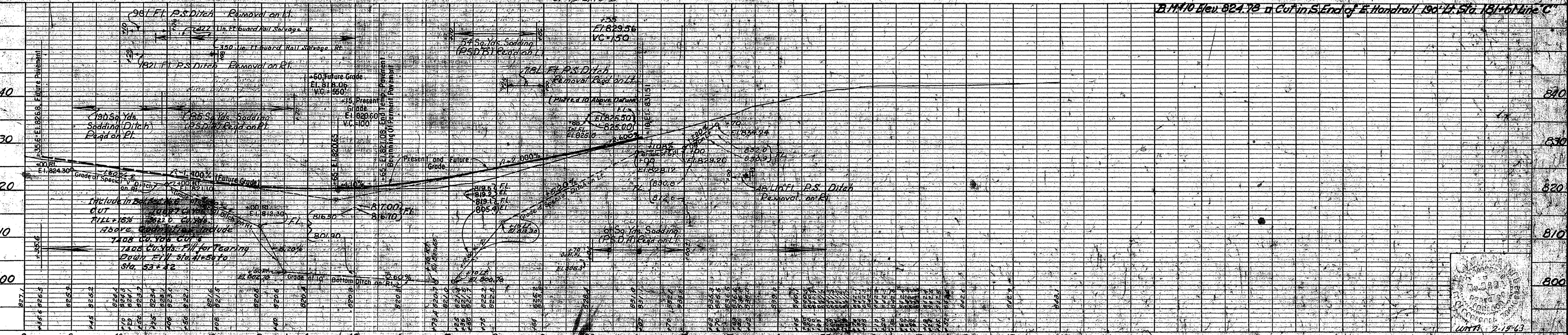
POST. (PI+65.9) (I.P.L.)
 $POST. 25.0$ R' (I.P.L.)

POST. (PI+216.7) (I.P.F.)
 $POC. 50+00.0$
 $POC. 182+135.5$ "B"
 $POC. 181+64.4$ "B"
 $POC. 153.8$ (I.P.L.)
 $POC. 182+79.5$ Line "C"
 $POST. 25.0$ R' (I.P.L.)

POST. (PI+236.1) (I.P.L.)
 $POST. 25.0$ R' (P.K.N.)

POST. (PI+403.1) (I.P.L.)
 $POST. 25.0$ R' (P.K.N.)

PT. 57+52.0 (C.D.R.)
 $PT. 304+89.6$ "C" PR.
 $PT. 304+89.6$ "C"
 $PT. 305+02.2$ "A"



PLAN

DATE	BY	REVISION
9-66	J.F. WILSON	PLOTTED
9-66	J.F. WILSON	NOTED
9-66	J.F. WILSON	NOTED
9-66	J.F. WILSON	NOTED

PROFILE

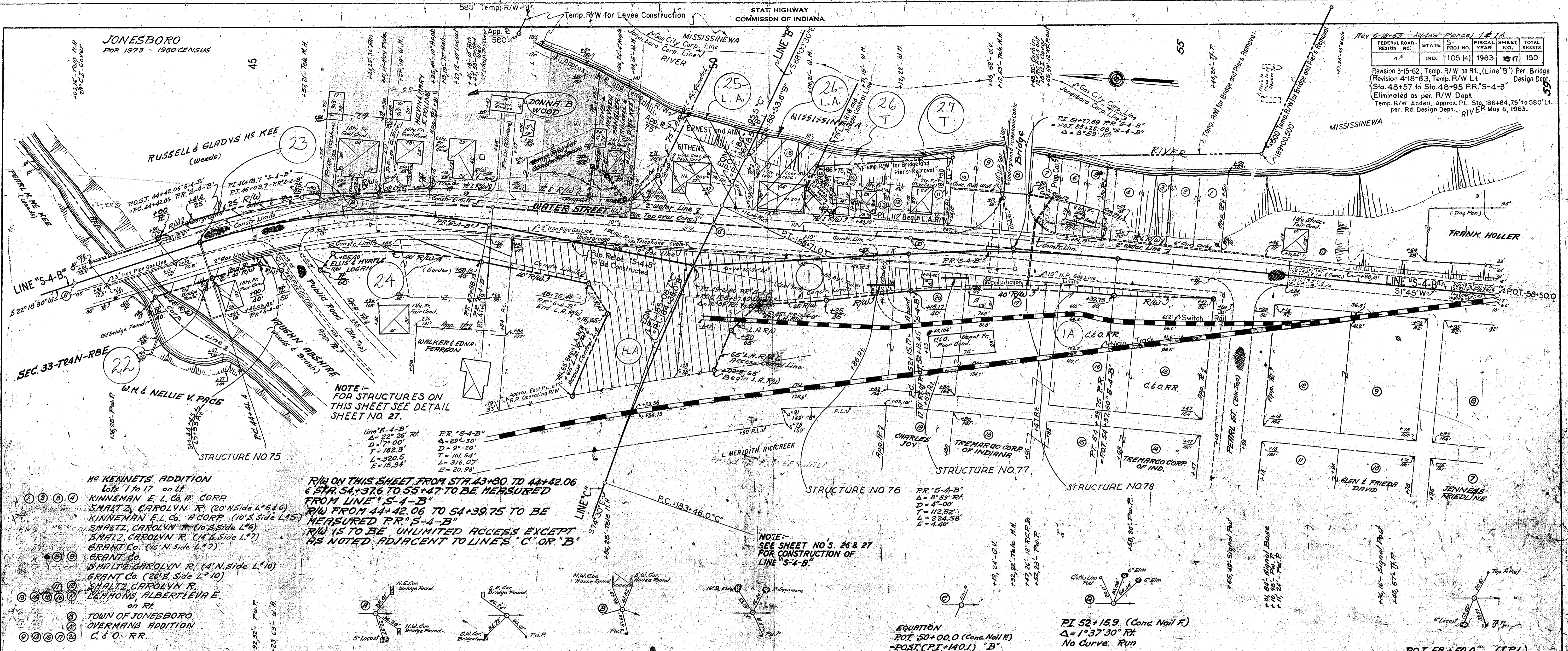
DATE	BY	REVISION
9-66	J.F. WILSON	PLOTTED
9-66	J.F. WILSON	NOTED
9-66	J.F. WILSON	NOTED
9-66	J.F. WILSON	NOTED

JONESBORO
FOR 1973 - 1950 CENSUS

STAT. HIGHWAY
COMMISSION OF INDIANA

FEDERAL ROAD DISTRICT NO.	STATE	PROJ. NO.	YEAR	FISCAL SHEET NO.	TOTAL SHEETS
4	IND.	105 (4)	1963	17	150

Revision 3-15-62, Temp. R/W on Rt. (Line "B") Per. Bridge
Revision 4-18-63, Temp. R/W Lt. Design Dept.
Sta. 48+57 to Sta. 48+95 PR "S-4-B"
Eliminated as per R/W Dept.
Temp. R/W Added, Approx. P.L. Sta. 186+84.75 to 580' Lt.
per. Rd. Design Dept., RIVER May 8, 1963.



NOTE -
FOR STRUCTURES ON
THIS SHEET SEE DETAIL
SHEET NO. 27.

R/W ON THIS SHEET FROM STA. 43+80 TO 44+42.06
& STA. 54+37.6 TO 55+47 TO BE MEASURED
FROM LINE "S-4-B"
R/W FROM 44+42.06 TO 54+39.75 TO BE
MEASURED P.R. "S-4-B"
R/W IS TO BE UNLIMITED ACCESS EXCEPT
AS NOTED ADJACENT TO LINES "C" OR "B"

NOTE -
SEE SHEET NO'S. 26 & 27
FOR CONSTRUCTION OF
LINE "S-4-B"

- ① ② ③ ④ ME KENNETHS ADDITION
Lots 1 to 17 on Lt.
- ⑤ ⑥ ⑦ ⑧ KINNEMAN E. L. Co. R. CORP.
SMALTZ, CAROLYN R. (20' N. Side L. 5 & 6)
- ⑨ ⑩ ⑪ ⑫ KINNEMAN E. L. Co. R. CORP. (10' S. Side L. 15)
- ⑬ ⑭ ⑮ ⑯ SMALTZ, CAROLYN R. (10' S. Side L. 6)
- ⑰ ⑱ ⑲ ⑳ SMALTZ, CAROLYN R. (14' S. Side L. 7)
- ㉑ ㉒ ㉓ ㉔ GRANT Co. (16' N. Side L. 7)
- ㉕ ㉖ ㉗ ㉘ SHALTZ, CAROLYN R. (4' N. Side L. 10)
- ㉙ ㉚ ㉛ ㉜ GRANT Co. (26' S. Side L. 10)
- ㉝ ㉞ ㉟ ㊱ SHALTZ, CAROLYN R.
- ㊲ ㊳ ㊴ ㊵ NEHMONS, ALBERT LEVA E.
on Rt.
- ㊶ ㊷ ㊸ ㊹ TOWN OF JONESBORO
- ㊺ ㊻ ㊼ ㊽ OVERMANS ADDITION
C. & O. RR.

P.O.T. 43+00.0 (Conc. Nail F) P.C. 44+41.4 (Conc. Nail F) P.T. 46+03.7 (I.P.L.) P.T. 47+61.9

P.O.T. 58+50.0 (I.P.L.)

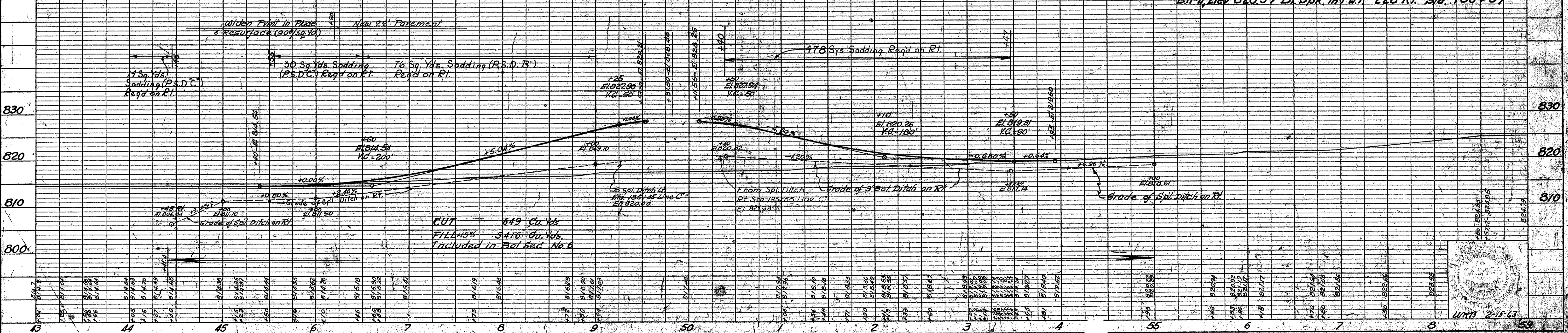
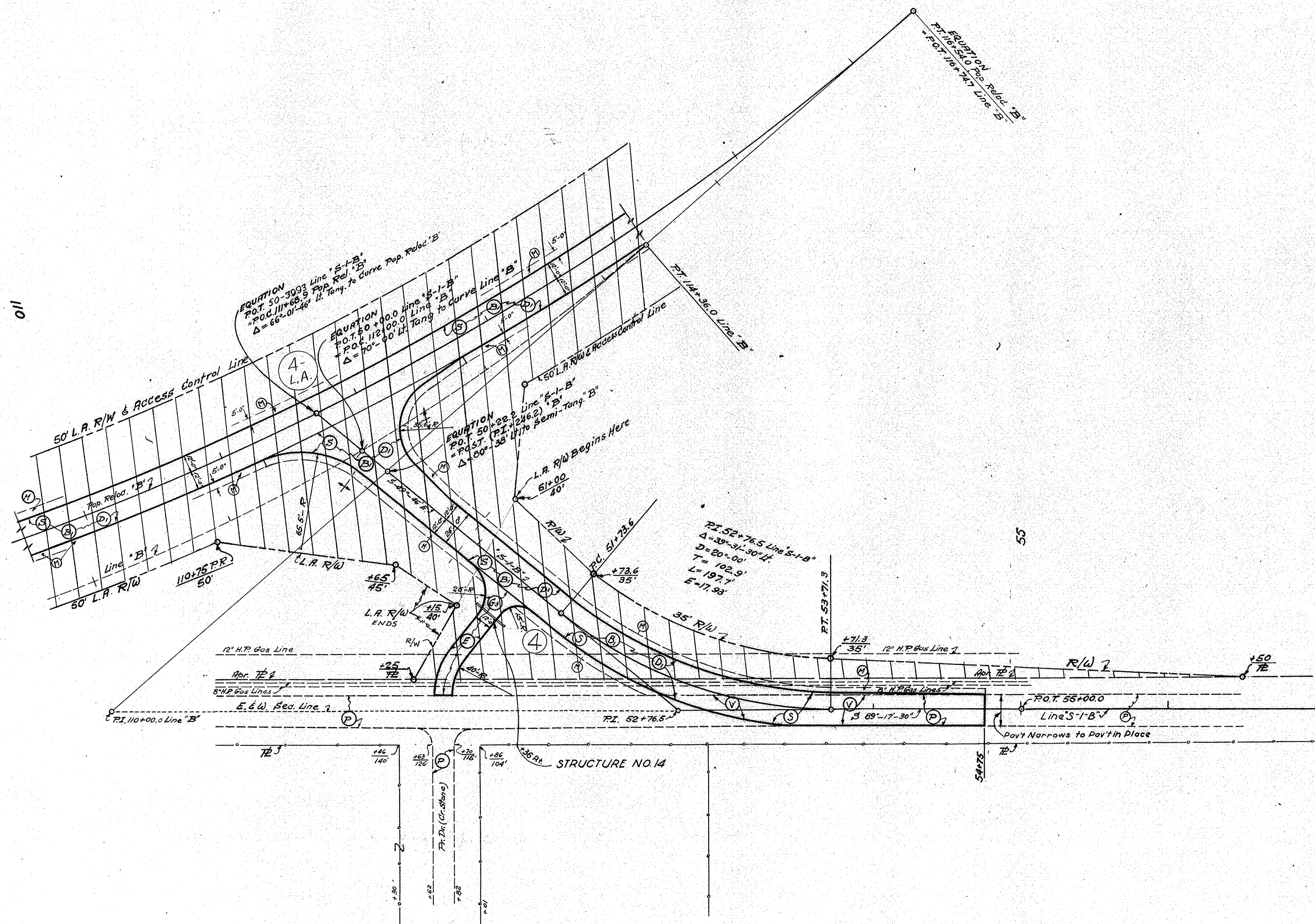


PLATE 3 - PLAN - PROFILE O. P. R. & E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

S - PROJ.	LINE	SHEET	FILE
105 (4)	"S-4-B"	15	



LEGEND AND ADDITIONAL QUANTITIES LINE "S-1-B"

(S)	90#/Syd. Hot Asphaltic Concrete Surface, Type "B"	1460	Sq. Yds.
(B)	460#/Syd. Hot Asphaltic Concrete Base (2 Lays)	940	Sq. Yds.
(2)	3" 9 ³ Plant Mixed Controlled Moisture Aggregate Base (2 Lays)	1015	Sq. Yds.
(A)	100#/Syd. Hot Asphaltic Concrete Surface, Type "A", or Bitum. Coated	139	Sq. Yds.
(E)	Blended Aggregate Surface, Type II on		Sq. Yds.
(F)	200#/Syd. Hot Asphaltic Base, or Bitum. Coated	139	Sq. Yds.
(G)	Blended Aggregate Base		Sq. Yds.
(M)	5" Compacted Aggregate Shoulders	374	Sq. Yds.
(N)	3" Compacted Aggregate Base	139	Sq. Yds.
(P)	Material in place to remain		
(Q)	Wedging	60	Cu. Yds.

STEEL BEAM GUARD RAIL & DELINEATORS TYPE D-1

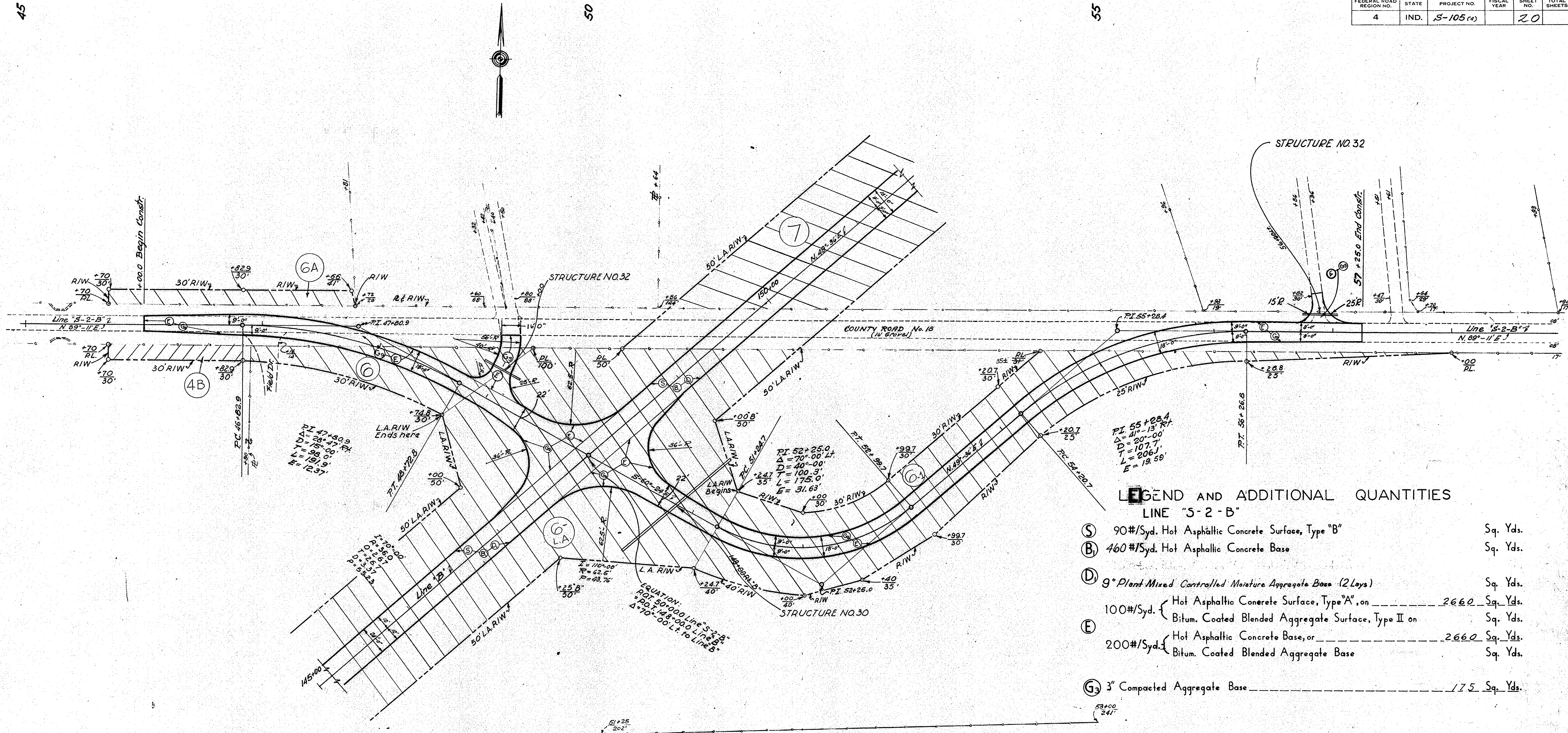
LOCATION	LENGTH	STEEL BEAM GUARD RAIL		DELINEATORS TYPE D-1
		SHOR. CURVED	STRAIGHT	
Sta. 168+30 to Sta. 173+67.5 Lt. (Outs. 3" C.V.)	537.5'		542.5	
Sta. 170+20 to Sta. 173+40 Rt. Spa. 160'	320'			3
Sta. 178+50 to Sta. 180+10 Lt. Spa. 160'	160'			2
Sta. 180+58 to Sta. 181+21 Lt.	62.5		65	
Sta. 181+21.39 Lt. to 45.5 Rt. 48+29 "S-3-B" (25' R)	37.5			
Sta. 47+66.5 to 48+29.45 Rt. "S-3-B"			65	
Sta. 42+60 to 46+60 Rt. "S-3-B" Spa. 200'	400'			3
Sta. 40+28 to 46+28 Lt. "S-3-B"	600'			4
Sta. 48+28 to 48+53 Lt. "S-3-B"			27.5	
Sta. 48+53 "S-3-B" Lt. to 47.5 Lt. 182+77.5' (65' R)			50	
Sta. 182+77.5 to Sta. 183+02.5 Lt. "C"	25'		27.5	
Sta. 178+00 to Sta. 180+00 Rt. "C"				2
Sta. 181+00 to Sta. 181+50 Rt. "C"	50'		52.5	
Sta. 182+50 Rt. "C" to 49+79.5 Rt. "S-3-B" (55' R)			55	
Sta. 49+79.5 Rt. "S-3-B" to 50+04.5 Rt. "S-3-B"	25'		27.5	
TOTALS		1425	807.5	14

DETAILS

SCALE - 1" = 40' - 0"

D.K. W.A.B. 11/16/62

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	S-105 (4)		20	



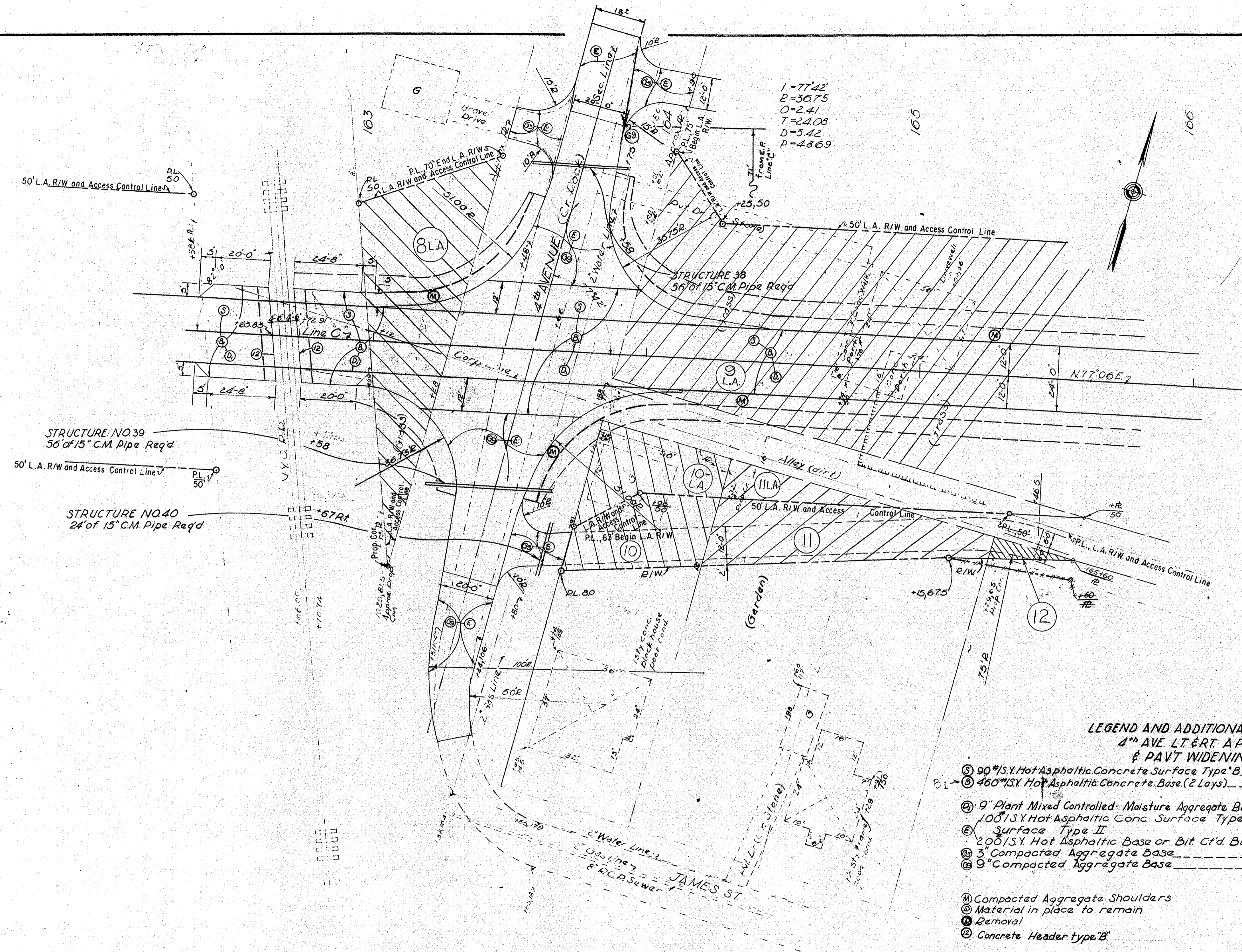
LEGEND AND ADDITIONAL QUANTITIES
LINE "5-2-B"

- Ⓢ 90#/Syd. Hot Asphaltic Concrete Surface, Type "B" Sq. Yds.
- Ⓟ 460#/Syd. Hot Asphaltic Concrete Base Sq. Yds.
- Ⓛ 9" Plant Mixed Controlled Moisture Aggregate Base (2 Lays) Sq. Yds.
- 100#/Syd. { Hot Asphaltic Concrete Surface, Type "A" on 2660 Sq. Yds.
Bitum. Coated Blended Aggregate Surface, Type II on Sq. Yds.
- Ⓛ 200#/Syd. { Hot Asphaltic Concrete Base, or 2660 Sq. Yds.
Bitum. Coated Blended Aggregate Base Sq. Yds.
- Ⓞ 3" Compacted Aggregate Base 175 Sq. Yds.
- Ⓞ 9" Compacted Aggregate Base 2770 Sq. Yds.

CROSS SECTIONS
DETAILS
SCALE: 1"=40'-0"

PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
S-105(4)				

1=77.42'
 B=307.5'
 O=2.41'
 T=24.08'
 D=5.42'
 P=48.69'



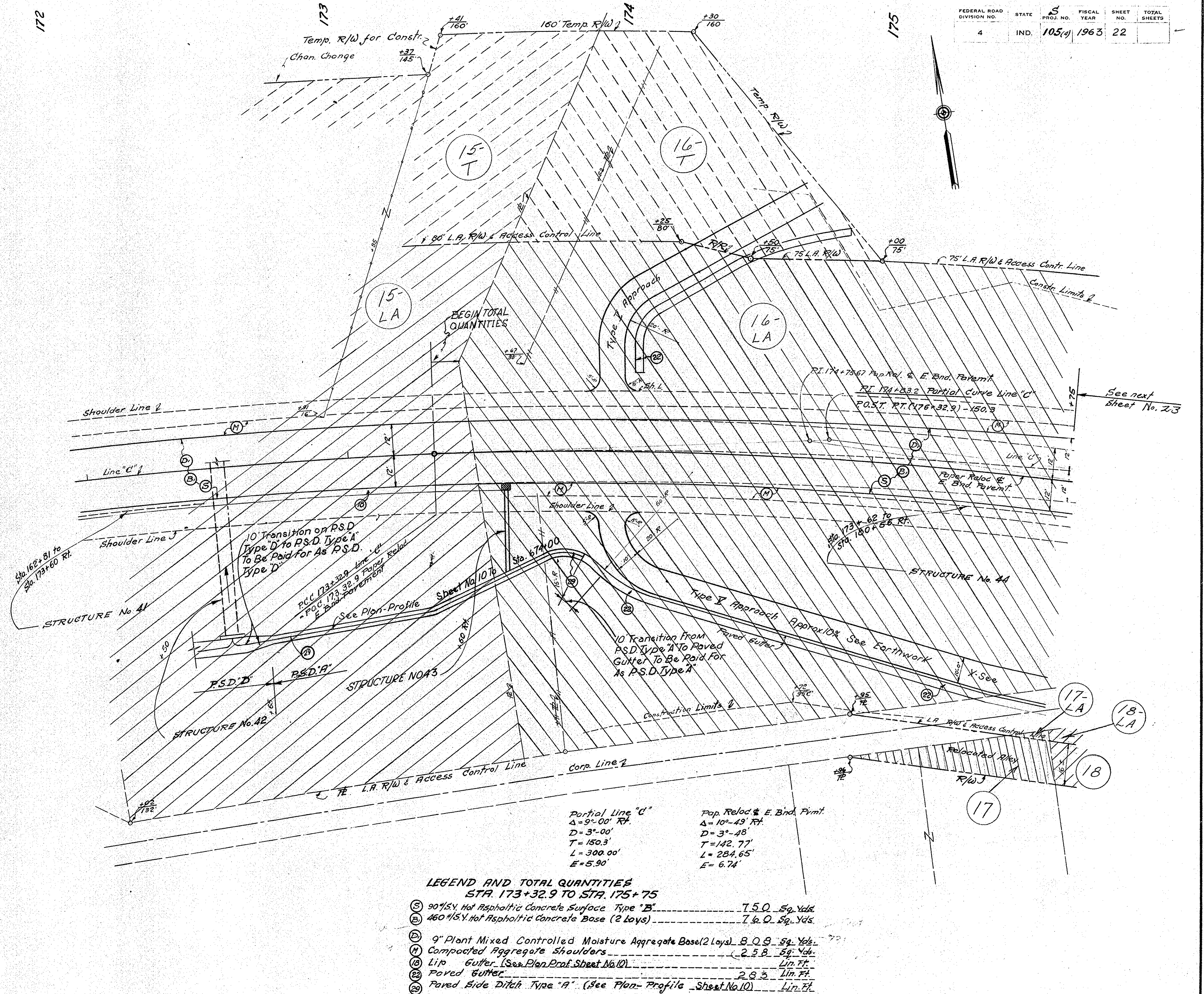
LEGEND AND ADDITIONAL QUANTITIES
 4th AVE. LT. & RT. APPROACHES
 & PART WIDENING AT R.R.

① 90 #1.5Y Hot Asphaltic Concrete Surface Type "B"	287 Sq. Yd.
② 460 #1.5Y Hot Asphaltic Concrete Base (2 Lays)	295 Sq. Yd.
③ 9" Plant Mixed Controlled Moisture Aggregate Base (2 Lays)	295 Sq. Yd.
④ 103 #1.5Y Hot Asphaltic Conc. Surface Type "A" or Bit. Ct'd. Bl. Aggr. Surface Type II	688 Sq. Yd.
⑤ 200 #1.5Y Hot Asphaltic Base or Bit. Ct'd. Bl. Aggr. Base	688 Sq. Yd.
⑥ 3" Compacted Aggregate Base	111 Sq. Yd.
⑦ 9" Compacted Aggregate Base	460 Sq. Yd.
⑧ Compacted Aggregate Shoulders	38 Sq. Yd.
⑨ Material in place to remain	
⑩ Removal	
⑪ Concrete Header type "B"	69 Lin. Ft.

DETAILS
 SCALE: 1"=20'-0"

INTERVAL	LIN. FT.		REMARKS
	LENGTH ON CURVE	FARM FIELD	
Sta. 100+21 Lt. to Sta. 100+65 Lt.		51'	Con. Cut
Sta. 100+65 Lt. to Sta. 102+84.0 Lt.		219'	
Sta. 102+84.0 P.R.'B' Lt. to 116+54.0 P.R.'B' Lt.	1370	1332'	EL x Factr. $\frac{1850}{1910}$
Sta. 116+74.7 B' Lt. to Sta. 120+00 B' Lt.		325'	
Sta. 93+11 Rt. to Sta. 102+84.0 Rt.		473'	
Sta. 102+84.0 Rt. to Sta. 108+25 P.R.'B' Rt.		569'	
Sta. 108+50 P.R.'B' Rt. to 110+75 P.R.'B' Rt.	225	231'	EL x Factr. $\frac{1850}{1910}$
Sta. 110+75 P.R.'B' Rt. to 51+15 S-1-B Rt.		164'	Cor. Cut
Sta. 51+00 Lt. S-2-B to 113+00 Rt. P.R.'B"		78'	Cor. Cut
Sta. 113+00 Rt. P.R.'B" to 116+54.0 Rt. P.R.'B"		364'	EL x Factr. $\frac{1850}{1910}$
Sta. 116+74.7 Rt. B" to 120+00.0 Rt. B"		325'	
Sta. 120+00 to Sta. 122+85 Lt.		285'	
Sta. 123+25 to Sta. 136+65 Lt.		1340'	
Sta. 136+85 to Sta. 147+00 Lt.		1015'	
Sta. 147+00 Lt. B" to Sta. 48+74.8 Rt. S-2-B"		62'	Cor. Cut
Sta. 148+25 Lt. B" to Sta. 148+80 Lt. B"		70'	
Sta. 148+80 Lt. B" to Sta. 150+50.5 Lt. B"		170.5'	
Sta. 120+00 to Sta. 123+25 Rt.		325'	
Sta. 123+55 to Sta. 136+65 Rt.		1310'	
Sta. 136+85 to Sta. 147+25 Rt.		1040'	
Sta. 147+25 Rt. B" to Sta. 51+24.7 Rt. S-2-B"		112'	
Sta. 51+24.7 Lt. S-2-B" to 149+00 Rt. B"		60'	Cor. Cut
Sta. 149+00 Rt. B" to Sta. 150+50.5 Rt. B"		150.5'	
Sta. 150+50.5 Rt. C" to 154+85 Rt. C"	434.5	423'	EL x Factr. $\frac{1850}{1910}$
Sta. 155+10 Rt. C" to Sta. 159+67.2 Rt. C"	457.2	445'	EL x Factr. $\frac{1850}{1910}$
Sta. 159+67.2 Rt. C" to Sta. 162+31.2 Lt. C"		279'	
Sta. 150+50.5 Lt. C" to Sta. 155+22 Lt. C"	471.5	484'	EL x Factr. $\frac{1850}{1910}$
Sta. 155+47 Lt. C" to Sta. 159+67.2 Lt. C"	420.2	431'	EL x Factr. $\frac{1850}{1910}$
Sta. 159+67.2 Lt. C" to Sta. 162+31.2 Lt. C"		264'	

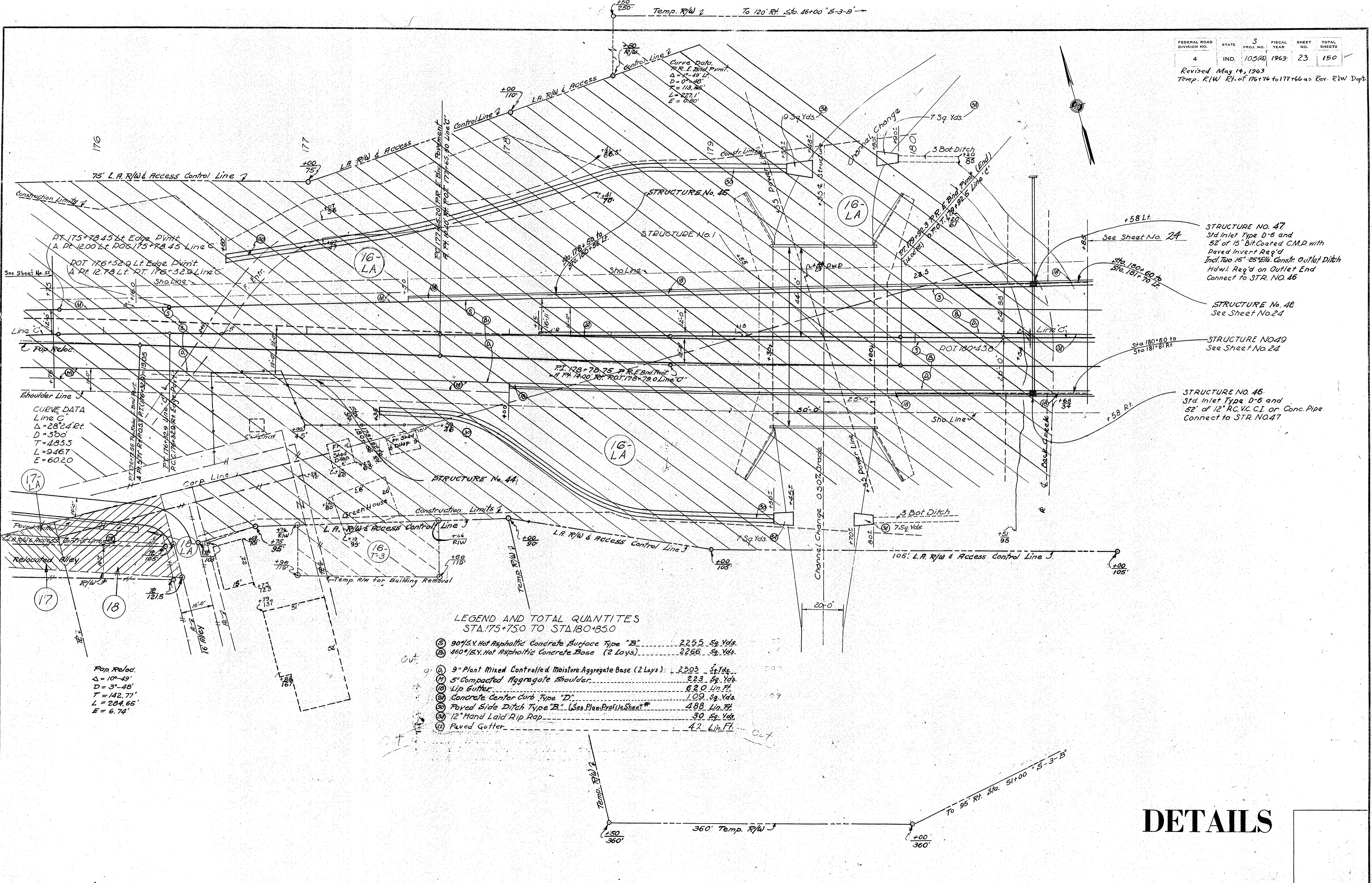
LOCATION	LENGTH ON CURVE	STEEL CHAIN LINK	REMARKS
Sta. 162+91 Lt. C" to 163+46 Lt. C"		5.55'	Cor. Cut
Sta. 164+07 Lt. C" to 164+25 Lt. C"		31'	Cor. Cut
Sta. 164+25 Lt. C" to 166+86.2 Lt. C"	88.8	261.2'	
Sta. 166+86.2 Lt. C" to 167+75 Lt. C"		91.2'	
Sta. 167+75 Lt. C" to 40' N.E. End		40'	
Sta. 163+77 Rt. C" to 164+00 Rt. C"		27'	Cor. Cut
Sta. 164+00 Rt. C" to 165+36 Rt. C"		135'	
Sta. 165+36 Rt. C" to 174+95 Rt. C"		9.59'	N. Line of Alley
Sta. 174+95 Rt. C" to 176+30.5 Rt. C"		1.29'	
Sta. 176+47 Rt. C" to 176+75 Rt. C"		2.95'	Cor. Cut
Sta. 176+75 Rt. C" to 178+35 Rt. C"		1.60'	End Fence Rt.
Sta. 50+35 Lt. S-3-B" to 52+00 Lt. S-3-B"		1.68'	
75 Lt. Sta. 50+35 S-3-B" to 65 Lt. Sta. 183+46.0 C" to W.R.R. FL. 65' Rt. C"		9.9'	
Sta. 184+21 (E.R.L. RR) to 185+15 Lt. to 40' Rt. Sta. 48+75 P.R. S-4-B"		134'	
Sta. 185+02.5 (E.R.L. RR) to Sta. 185+50 to 50' Rt. Sta. 50+50 P.R. S-4-B"		88'	
Sta. 190+00 Lt. to Sta. 191+70.3 Lt. B"		170.3'	
Sta. 191+70.3 Lt. to 55 Lt. 193+50 P.R.'B"	179.7	172'	
55 Lt. Sta. 193+50 P.R.'B" to 45 Lt. 195+00 P.R.'B"	150'	145'	
Sta. 195+00 Lt. P.R.'B" to 45 Lt. 196+45 End	145'	141'	
Sta. 190+00 Rt. to Sta. 191+30 Rt. B"		130'	
75 Rt. Sta. 191+30 to FL. Sta. 191+34 Rt. B"		9'	
Sta. 192+45 S. to MAIN ST. to Sta. 196+25			
S. FL. MAIN ST.	380	413.5'	
Sta. 196+25 FL. to FL. 75' Rt.		30'	



DETAILS

Scale: 1" = 20'-0"

Revised May 14, 1963
Temp. R/W Rt. of 176+76 to 177+66 as Rev. R/W Dept.



LEGEND AND TOTAL QUANTITIES
STA. 175+75 TO STA. 180+50

(5)	90% S.V. Hot Asphaltic Concrete Surface Type "B"	2255	Sq. Yds.
(6)	400% S.V. Hot Asphaltic Concrete Base (2 Lays)	2266	Sq. Yds.
(7)	3" Plant Mixed Controlled Moisture Aggregate Base (2 Lays)	2503	Sq. Yds.
(8)	5" Compacted Aggregate Shoulder	223	Sq. Yds.
(9)	Lip Gutter	620	Lm. Ft.
(10)	Concrete Center Curb Type "D"	109	Sq. Yds.
(11)	Paved Side Ditch Type "B" (See Plan-Profile Sheet #)	488	Lm. Ft.
(12)	12" Hand Laid Rip Rap	30	Sq. Yds.
(13)	Paved Gutter	47	Lm. Ft.

Pop. Reloc.
Δ = 10'-49"
D = 3'-48"
T = 142.77'
L = 204.65'
E = 6.74'

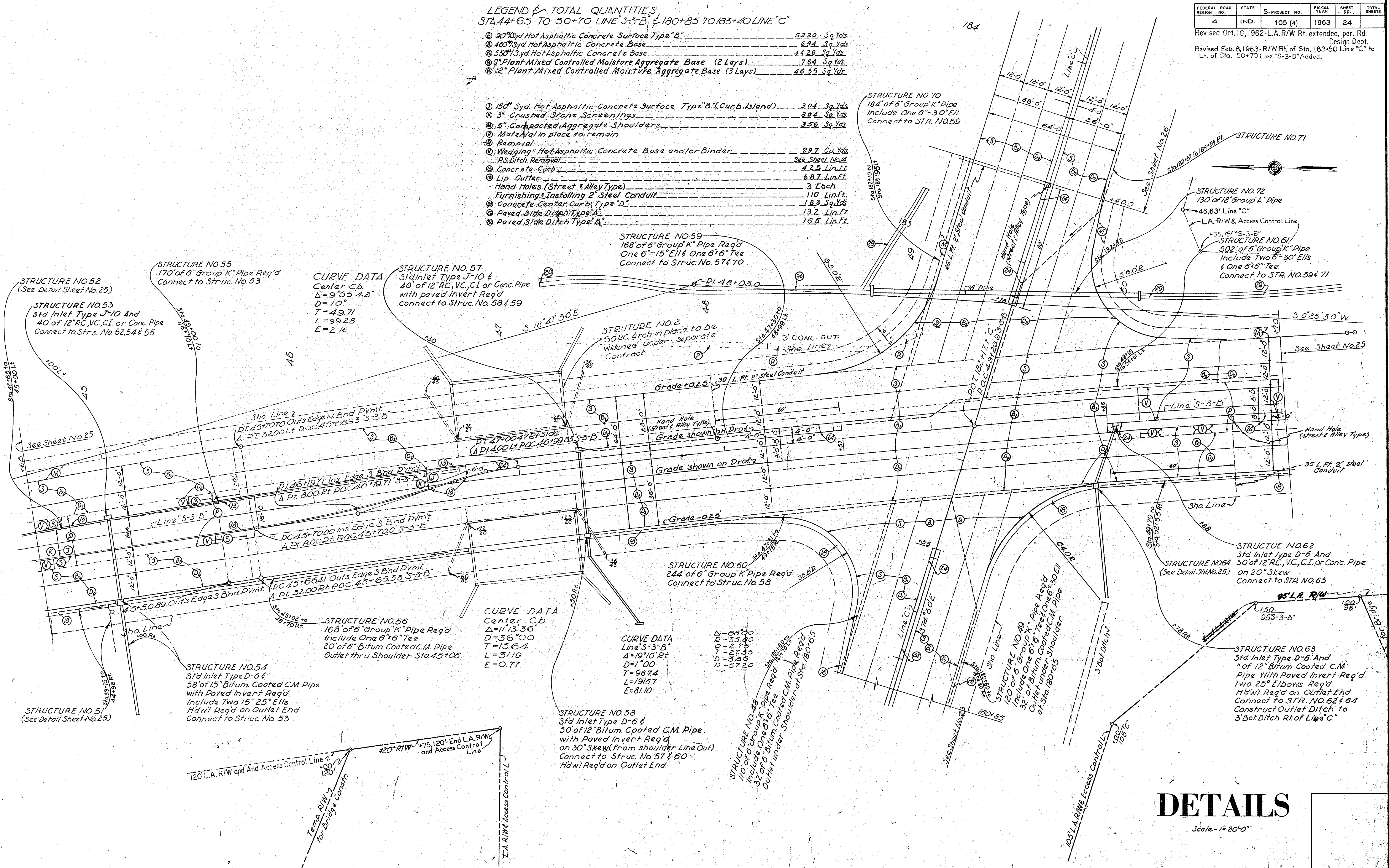
DETAILS

FEDERAL ROAD REGION NO.	STATE	S-PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	105 (4)	1963	24	

Revised Oct. 10, 1962-L.A.R/W Rt. extended, per Rd. Design Dept.
 Revised Feb. 8, 1963-R/W Rt. of Sta. 183+50 Line "C" to Lt. of Sta. 50+70 Line "S-3-B" Added.

LEGEND & TOTAL QUANTITIES
 STA. 44+65 TO 50+70 LINE "S-3-B" & 180+85 TO 183+40 LINE "C"

① 90% Syd. Hot Asphaltic Concrete Surface Type "B"	53.20 Sq. Yds.
② 460% Syd. Hot Asphaltic Concrete Base	6.94 Sq. Yds.
③ 550% Syd. Hot Asphaltic Concrete Base	4.42 Sq. Yds.
④ 9" Plant Mixed Controlled Moisture Aggregate Base (2 Lays)	7.64 Sq. Yds.
⑤ 12" Plant Mixed Controlled Moisture Aggregate Base (3 Lays)	46.25 Sq. Yds.
① 150' Syd. Hot Asphaltic Concrete Surface, Type "B" (Curb Island)	3.04 Sq. Yds.
② 3" Crushed Stone Screenings	3.04 Sq. Yds.
③ 5" Compacted Aggregate Shoulders	35.6 Sq. Yds.
④ Material in place to remain	
⑤ Removal	
⑥ Wedging Hot Asphaltic Concrete Base and/or Binder	29.7 Cu. Yds.
⑦ P.S. Ditch Removal	See Sheet No. 4
⑧ Concrete Curb	4.25 Lin. Ft.
⑨ Lip Gutter	6.87 Lin. Ft.
⑩ Hand Holes (Street & Alley Type)	3 Each
⑪ Furnishing & Installing 2" Steel Conduit	110 Lin. Ft.
⑫ Concrete Center Curb Type "D"	1.83 Sq. Yds.
⑬ Paved Side Ditch Type "A"	13.2 Lin. Ft.
⑭ Paved Side Ditch Type "B"	16.5 Lin. Ft.



DETAILS

Scale: 1" = 20' 0"

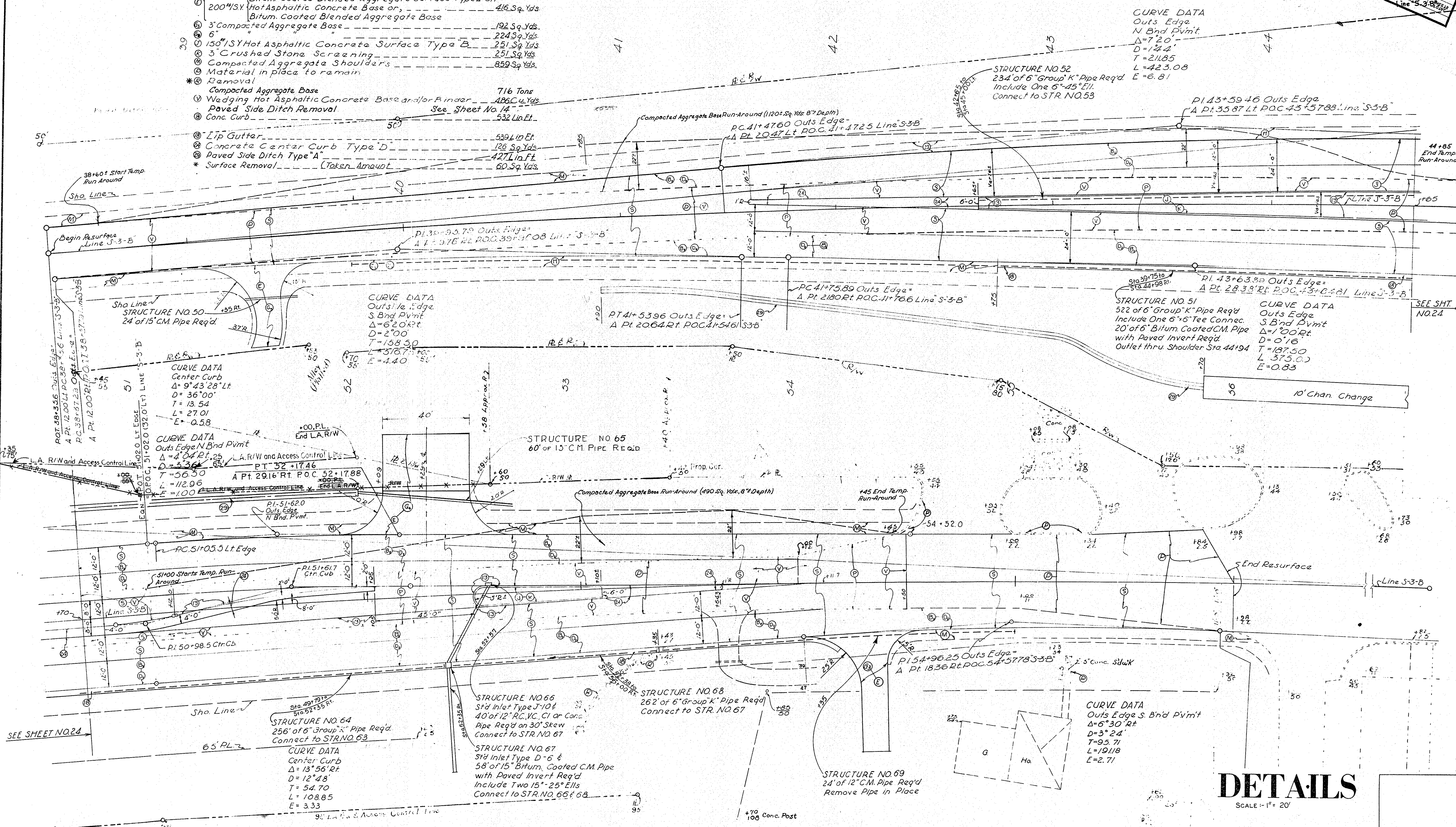
S-PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
105 (4)	"S-3-B"	24		

LEGEND & TOTAL QUANTITIES LINE S-3-B
 STA 38+356 TO 44+65 → STA 50+70 TO 56+000

- ① 90% SY Hot Asphaltic Concrete Surface Type "B" ----- 5558 Sq. Yds.
- ② 550% SY Hot Asphaltic Concrete Base (2 Lays) ----- 2835 Sq. Yds.
- ③ 12" Plant Mixed Controlled Moisture Aggregate Base (3 Lays) 310 Sq. Yds.
- ④ 100% SY Hot Asphaltic Concrete Surface Type "A" or, ----- 416 Sq. Yds.
- ⑤ Bitum. Coated Blended Aggregate Surface Type II on
- ⑥ 200% SY Hot Asphaltic Concrete Base or, ----- 416 Sq. Yds.
- ⑦ Bitum. Coated Blended Aggregate Base
- ⑧ 3" Compacted Aggregate Base ----- 192 Sq. Yds.
- ⑨ 6" ----- 224 Sq. Yds.
- ⑩ 150% SY Hot Asphaltic Concrete Surface Type "B" ----- 251 Sq. Yds.
- ⑪ 3" Crushed Stone Screening ----- 251 Sq. Yds.
- ⑫ Compacted Aggregate Shoulders ----- 859 Sq. Yds.
- ⑬ Material in place to remain
- * Removal
- ⑭ Compacted Aggregate Base ----- 716 Tons
- ⑮ Wedging Hot Asphaltic Concrete Base and/or Binder ----- 486 Cu. Yds.
- ⑯ Paved Side Ditch Removal ----- See Sheet No. 14
- ⑰ Conc. Curb ----- 532 Lin. Ft.
- ⑱ Lip Gutter ----- 539 Lin. Ft.
- ⑳ Concrete Center Curb Type "D" ----- 126 Sq. Yds.
- ㉑ Paved Side Ditch Type "A" ----- 427 Lin. Ft.
- ㉒ Surface Removal ----- (Taken Amount) 60 Sq. Yds.

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	S-105(4)	1963	25	150

Revised Oct. 10, 1962, R/W Line on Lt. Sta. 50+70 to Sta. 53+42
 Added and L.A. R/W and Access Control Line on Lt.
 extended to Sta. 52+00
 Revised Feb. 8, 1963, R/W Lt. of Sta. 50+70 to Sta. 52+60



CURVE DATA
 Outs Edge
 N Bnd Pvm't
 $\Delta = 7.20$
 $D = 14.4$
 $T = 211.85$
 $L = 423.08$
 $E = 6.81$

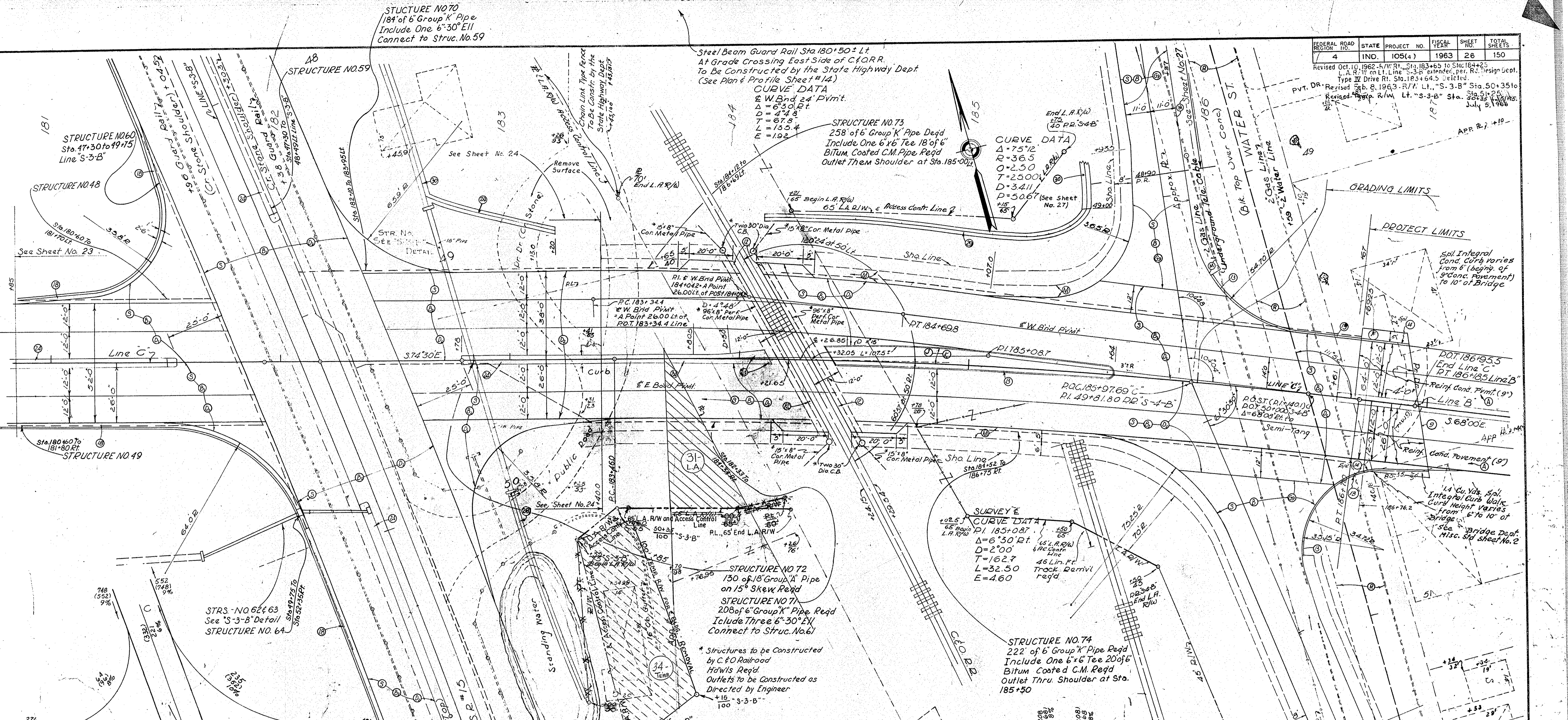
STRUCTURE NO. 51
 522 of 6" Group "K" Pipe Req'd
 Include One 6" Tee Connec.
 20' of 6" Bitum. Coated CM. Pipe
 with Paved Invert Req'd
 Outlet thru. Shoulder Sta 44+94

CURVE DATA
 Outs Edge
 S Bnd Pvm't
 $\Delta = 1.00$ Rt.
 $D = 0.16$
 $T = 187.50$
 $L = 375.00$
 $E = 0.83$

DETAILS

SCALE: 1" = 20'

S-PROJECT NO.	L.I.E.	SHEET NO.	TOTAL SHEETS	FILE
105(4)	S-3-B	25		



TOTAL QUANTITIES & LEGEND

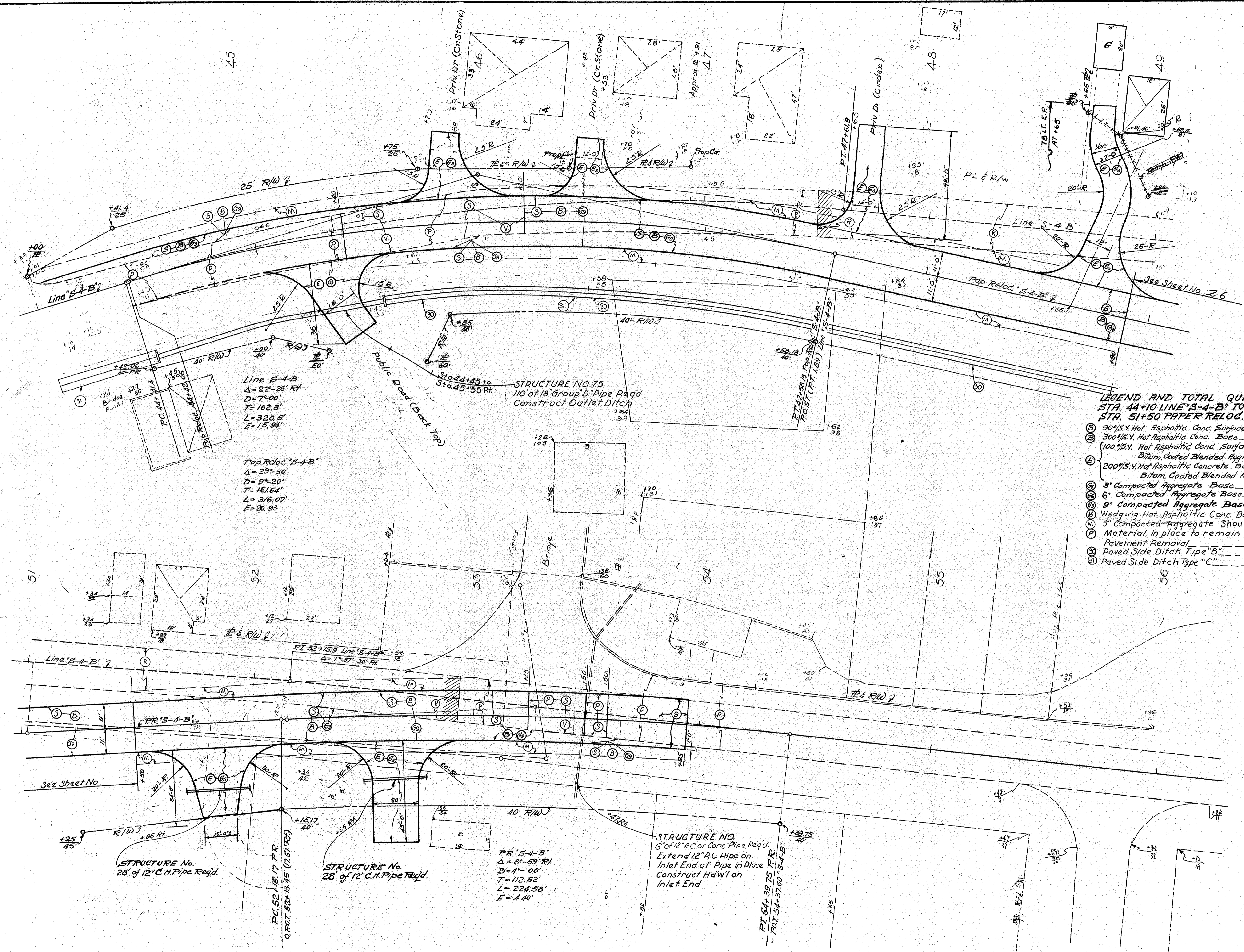
STA 183+40 TO 186+19.5 LINE "B" & STA 48+90 TO 51+50 P.R.S-4-B

90# SY Hot Asphaltic Concrete Surface, Type "B"	2741 Sq. Yds.
300# SY Hot Asphaltic Concrete Base	558 Sq. Yds.
460# SY " " (2 Lays)	Sq. Yds.
550# SY " " (2 Lays)	2199 Sq. Yds.
Reinforced Concrete Pavement (9")	146 Sq. Yds.
9" Plant Mixed Contr'd Moisture Aggr. Base (2 Lays)	Sq. Yds.
Reinforcing Steel for Pavement	2755 Lbs.
12" Plant Mixed Contr'd Moisture Aggr. Base (3 Lays)	2355 Sq. Yds.
Paved Side Ditch, Type "A"	150 Lin. Ft.
Paved Side Ditch, Type "B" (See Sheet No. 27)	Lin. Ft.
Pavement Removal	578 Sq. Yds.
9" Compacted Aggregate Base	563 Sq. Yds.
150# SY Hot Asphaltic Concrete Surface, Type "B" (Curb Islands)	120 Sq. Yds.
3" Crushed Stone Screenings	120 Sq. Yds.
5" Compacted Aggregate Shoulders	379 Sq. Yds.
Material in place to remain	
Removal	
Concrete Header, Type "B"	171 Lin. Ft.
Concrete Curb	422 Lin. Ft.
1" Preformed Joint Filler	64.5 Lin. Ft.
Concrete Center Curb, Type "D"	53 Sq. Yds.
Special Integral Curb	25 Lin. Ft.
Concrete Sidewalk	111 Sq. Yds.
Sp. Integral Curb-Walk	1.4 Cu. Yds.

DETAILS

Scale: 1"=20'-0"

TRAFFIC DATA
 Proposed S.R.22 Relocation
 Interaction With S.R.15
 1981 D.H.V.
 A.M. 100
 P.M. 100
 Trucks 10%



Line S-4-B
 $\Delta = 22^\circ 26' \text{RH}$
 $D = 7^\circ 00'$
 $T = 162.3'$
 $L = 320.5'$
 $E = 15.94'$

Pop. Re loc. "S-4-B"
 $\Delta = 29^\circ 30'$
 $D = 9^\circ 20'$
 $T = 161.64'$
 $L = 316.07'$
 $E = 20.93'$

STRUCTURE No. 28 of 12" C.H. Pipe Req'd.

STRUCTURE No. 28 of 12" C.H. Pipe Req'd.

PR "S-4-B"
 $\Delta = 8^\circ 59' \text{RH}$
 $D = 4^\circ 00'$
 $T = 112.52'$
 $L = 224.58'$
 $E = 4.40'$

STRUCTURE NO. 6 of 12" RC or Conc. Pipe Req'd. Extend 12" R.L. Pipe on Inlet End of Pipe in Place Construct Hd/WI on Inlet End

LEGEND AND TOTAL QUANTITIES
 STR. 44+10 LINE "S-4-B" TO STR. 48+90 PRELOC. "S-4-B" & STR. 51+50 PAPER RELOC. "S-4-B" TO STR. 53+95 LINE "S-4-B"

(B)	90% S.Y. Hot Asphaltic Conc. Surface Type "B"	15.15	Sq. Yds.
(B)	300% S.Y. Hot Asphaltic Conc. Base	112.6	Sq. Yds.
(C)	100% S.Y. Hot Asphaltic Conc. Surface Type "A" or Bitum. Coated Blended Aggregate Surface Type I on	62.5	Sq. Yds.
(C)	200% S.Y. Hot Asphaltic Concrete Base or Bitum. Coated Blended Aggregate Base	62.5	Sq. Yds.
(D)	3' Compacted Aggregate Base	42.0	Sq. Yds.
(D)	6' Compacted Aggregate Base	2.05	Sq. Yds.
(D)	9' Compacted Aggregate Base	12.65	Sq. Yds.
(E)	Wedging Hot Asphaltic Conc. Base and/or Binder	12.3	Cu. Yds.
(F)	5' Compacted Aggregate Shoulders	59.6	Sq. Yds.
(G)	Material in place to remain		
(H)	Pavement Removal	622	Sq. Yds.
(I)	Paved Side Ditch Type "B"	2.50	Lin. Ft.
(J)	Paved Side Ditch Type "C"	140	Lin. Ft.

DETAILS

Scale: 1" = 20'-0"

NOTE: SPL. INTEGRAL CONCRETE CURB VARIES FROM 10" HEIGHT AT BRIDGE TO 6" HEIGHT AT END OF R.C. PAVEMENT

LEGEND AND TOTAL QUANTITIES

STA. 189+96 TO STA. 195+16.0 LINE "S-5-B"

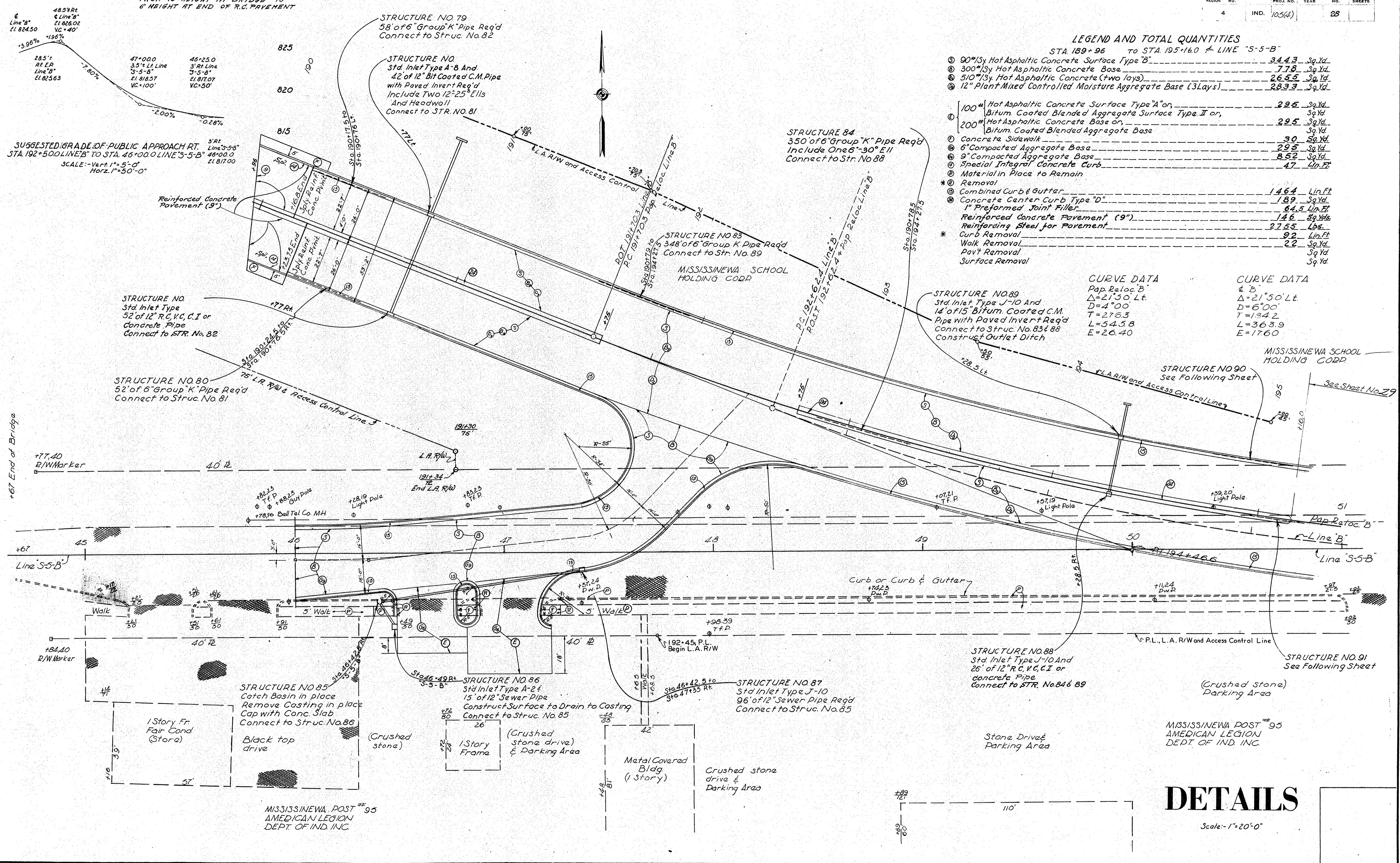
90#/Sy Hot Asphaltic Concrete Surface Type B	344.3	Sq. Yd.
300#/Sy Hot Asphaltic Concrete Base	7.78	Sq. Yd.
510#/Sy Hot Asphaltic Concrete (two layers)	26.55	Sq. Yd.
12" Plant Mixed Controlled Moisture Aggregate Base (3 Lays)	283.3	Sq. Yd.
100# Hot Asphaltic Concrete Surface Type A or Bitum. Coated Blended Aggregate Surface Type II or	22.5	Sq. Yd.
200# Hot Asphaltic Concrete Base or Bitum. Coated Blended Aggregate Base	29.5	Sq. Yd.
Concrete Sidewalk	3.0	Sq. Yd.
6" Compacted Aggregate Base	29.5	Sq. Yd.
9" Compacted Aggregate Base	8.52	Sq. Yd.
Special Integral Concrete Curb	4.7	Lin. Ft.
Material in Place to Remain		
Removal		
Combined Curb & Gutter	146.4	Lin. Ft.
Concrete Center Curb Type "D"	1.89	Sq. Yd.
1" Preformed Joint Filler	64.5	Lin. Ft.
Reinforced Concrete Pavement (9")	14.6	Sq. Yds.
Reinforcing Steel for Pavement	27.55	Lbs.
Curb Removal	9.2	Lin. Ft.
Walk Removal	2.2	Sq. Yd.
Pav't Removal		Sq. Yd.
Surface Removal		Sq. Yd.

CURVE DATA

Pap. Reloc. B.
 $\Delta = 21^{\circ} 50' Lt.$
 $D = 4^{\circ} 00'$
 $T = 276.3$
 $L = 543.8$
 $E = 26.40$

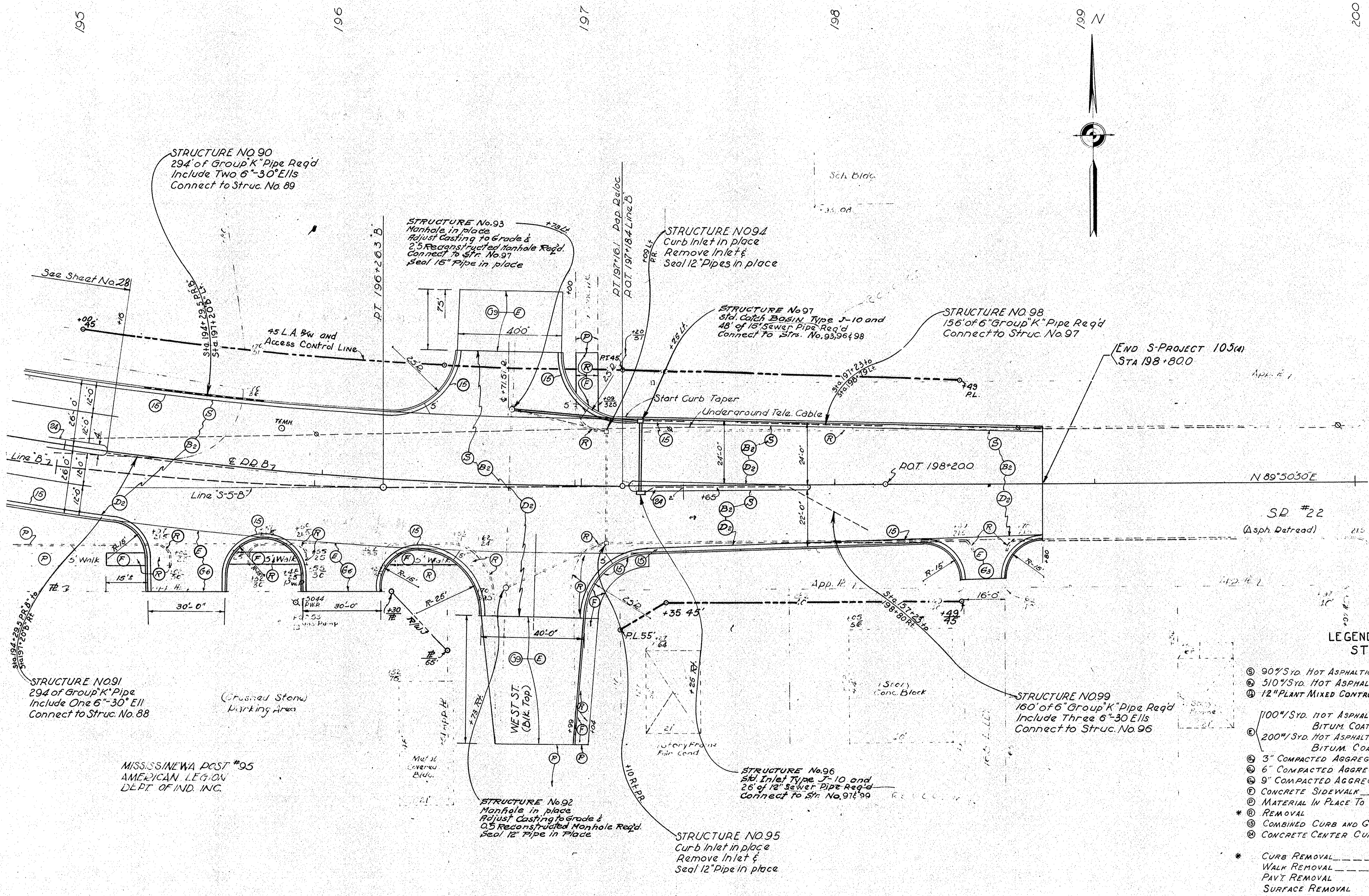
CURVE DATA

$\Delta = 21^{\circ} 50' Lt.$
 $D = 6^{\circ} 00'$
 $T = 134.2$
 $L = 363.9$
 $E = 17.60$



DETAILS

Scale: 1" = 20'-0"



LEGEND AND TOTAL QUANTITIES
STA. 195+16.0 TO STA. 198+80.0

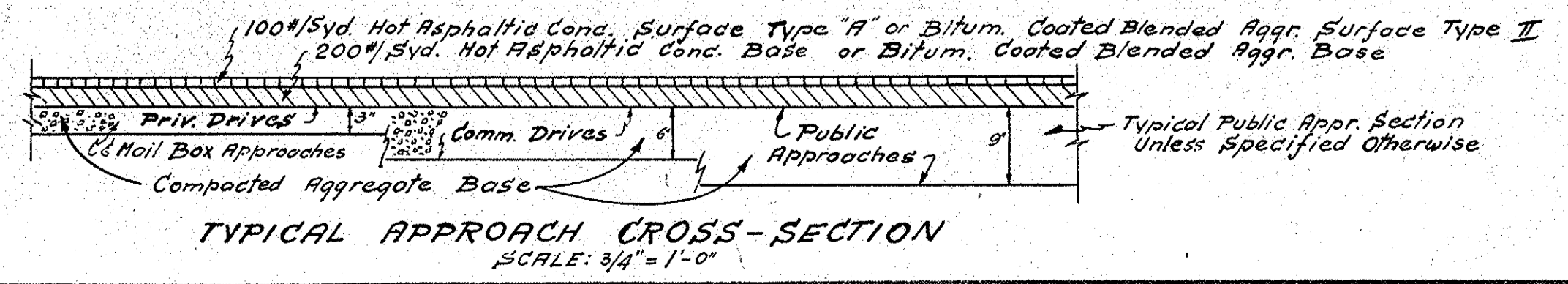
① 90% SYD. HOT ASPHALTIC CONCRETE SURFACE, TYPE "B"	216.5	Sq. Yd.
② 510% SYD. HOT ASPHALTIC CONCRETE BASE	216.5	Sq. Yd.
③ 12" PLANT MIXED CONTROLLED MOISTURE AGGREGATE BASE (3 LAYS)		Sq. Yd.
④ 100% SYD. HOT ASPHALTIC CONCRETE SURFACE, TYPE "A" OR BITUM. COATED BLENDED AGGREGATE SURFACE, TYPE II ON	50.8	Sq. Yd.
⑤ 200% SYD. HOT ASPHALTIC CONCRETE BASE OR BITUM. COATED BLENDED AGGREGATE BASE	50.8	Sq. Yd.
⑥ 3" COMPACTED AGGREGATE BASE	4.0	Sq. Yd.
⑦ 6" COMPACTED AGGREGATE BASE	17.2	Sq. Yd.
⑧ 9" COMPACTED AGGREGATE BASE	30.0	Sq. Yd.
⑨ CONCRETE SIDEWALK	10.6	Sq. Yd.
⑩ MATERIAL IN PLACE TO REMAIN		
* REMOVAL		
⑪ COMBINED CURB AND GUTTER	7.06	Lin. Ft.
⑫ CONCRETE CENTER CURB, TYPE "D"	2.9	Sq. Yd.
* CURB REMOVAL	50.4	Lin. Ft.
WALK REMOVAL	1.06	Sq. Yd.
PAVT. REMOVAL		Sq. Yd.
SURFACE REMOVAL		Sq. Yd.

DETAILS

APPROACHES

LOCATION	DESCRIPTION	EXCAVATION		WIDTH 'W'	RADIUS 'R'	LENGTH FROM EDGE OF PAVEMENT	DIST. BEYOND R/W LINE	QUANTITIES												REMARKS			
		CU	YDS. FILL					HOT ASPH. CONC. SURF. TYPE 17				HOT ASPHALTIC CONCRETE BASE				COMP. AGGR. BASE 3" TO 6" CONC. 10	BITUM. MIXTURE FOR APPROACHES 11	COMP. AGGREGATE BASE			3" COMP. AGGR. BASE SHOULDERS 12	GRADIENT	
								300% SQ. YDS.	400% SQ. YDS.	500% SQ. YDS.	550% SQ. YDS.	3" SQ. YDS.	6" SQ. YDS.	9" SQ. YDS.									
111+68.9 Rt.	Public Approach			24	65.5	330		1495	1062	1125								473	Line "S-1-B" Beg. Sta. (50+39.93)				
51+35 Rt. "S-1-B"	Priv. Dr. II	35		12	25-15	85													Appr. on Line "S-1-B"				
123+10 Lt.	Comm. Dr. IV	25		20	20-20	38																	
123+35 Rt.	Priv. Dr. II	20		12	25-15	38																	
136+75 Rt.	Field Dr. V	10			5-5																		
136+75 Lt.	Field Dr. V	10			5-5																		
148+00.0 Lt.	Public Approach			18	36-62.5	112.5													Line "S-2-B" Inters. Sta. 50+00.0				
148+00.0 Rt.	Public Approach	828	622	18	62.5-36	112.5																	
47+06 Rt.	Field Dr. V	5		10		15													Appr. on Line "S-2-B"				
49+00 Lt.	Priv. Dr. II	15		16	15-25	51																	
56+91 Lt.	Priv. Dr. II	5		12	15-25	25																	
155+16 Lt.	Field Dr. V	10		10	5-5																		
155+16 Rt.	Field Dr. V	20		10	5-5																		
163+58 Lt.	Public Approach			20	51-36.75	75													4 th Ave.				
163+58 Rt.	Public Approach	25	60	20	36.75-51	132		287	295	333									Total Quant. Lt & Rt				
163+60 Lt.	Priv. Dr.	5	5	12	10-15	20													Appr. on 4 th Ave.				
163+55 Rt.	Alley Approach	5	5	12	10-10	20																	
164+00 Lt.	Priv. Dr.	5	5	12	10-15	23																	
174+00 Lt.	Field Dr. V	5		10	5-5	125																	
174+00 Rt.	Field Dr. V	5		10	5-5	270																	
Line "S-3-B"	Public Approach																		Inters @ Sta. 182+17.7 Line "C"				
39+35 Rt.	Priv. Dr. II	10		12	25-15	37.5																	
52+29 Lt.	Comm. Dr. IV	10	55	40	20-20	46																	
54+35 Rt.	Priv. Dr. II	50		12	25-15	55																	
Line "S-4-B"																			Inters @ Sta. 185+97.69 Line "C"				
45+16 Rt.	Priv. Dr. II	5	10	16	25-15	36																	
45+85 Lt.	Priv. Dr. II	5		12	15-25	30																	
46+47 Lt.	Priv. Dr. II	5		12	15-25	26																	
47+65 Lt.	Priv. Dr. II	35		12	15-25	48																	
48+65 Lt.	Priv. Dr.	90		12	20-25	80																	
51+85 Rt.	Comm. Dr. IV	15		20-15	20-20	30																	
52+65 Rt.	Comm. Dr. IV	5		20	20-20	45																	
192+50 Rt. "B"	Public Approach	69	2736	32	25-50	245		778											To 46+00 Line "S-5-B"				
Line "S-5-B"																							
46+64 Rt.	Comm. Dr.	55		30	5-5	32																	
47+00 Rt.	Comm. Dr.	105		30	5-20	46																	
Line "B"																							
195+48 Rt.	Comm. Dr.	15		30	15-15	24																	
196+08 Rt.	Comm. Dr.	10		30	15-15	19																	
196+71.5 Lt.	Public Approach	40		40	25-25	49		280	280														
196+82.5 Rt.	Public Approach	65		40-30	25-25	74		280	280														
198+58 Rt.	Priv. Dr.	5	5	16	15-15	17																	

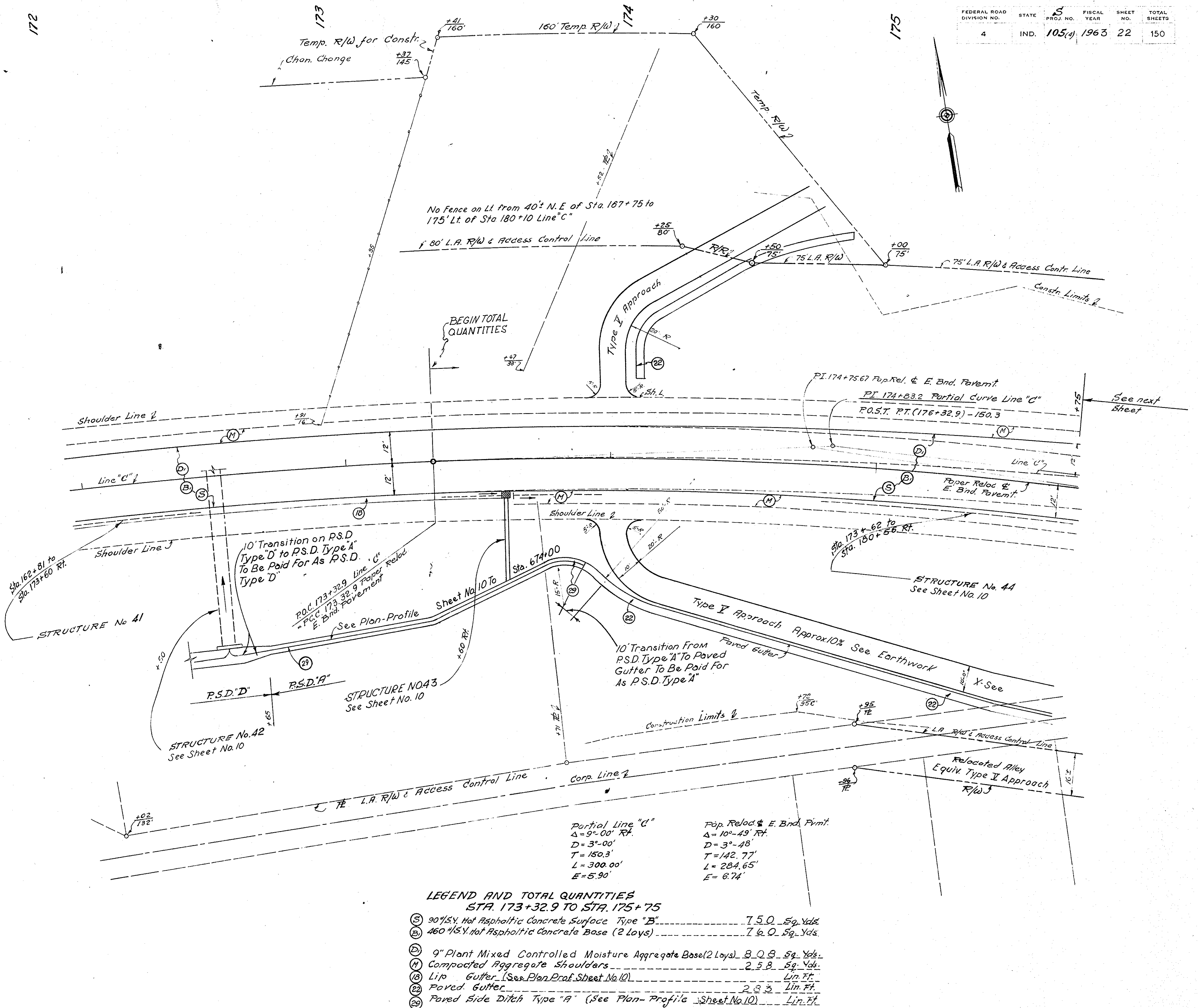
MAIL BOX APPROACHES		
LOCATION	BITUM. MIXTURE FOR APPROACHES 11 SQ. YDS.	3" COMP. AGGREGATE BASE 12 SQ. YDS.
51+00 Rt. "S-1-B"	45	45
123+00 Rt.	45	45
136+00 Rt.	45	45
48+50 Lt. "S-2-B"	45	45
155+50 Rt.	45	45
163+58 Lt. (4 th St.)	45	45
164+00 Lt. (4 th St.)	45	45
39+00 Rt. "S-3-B"	45	45



DETAILS

FENCE TABLE				
INTERVAL	Beginning Sta. End	LIN. FT.		REMARKS
		LENGTH ON CURVE	FARMFIELD	
Sta. 100+22 L.L. to Sta. 100+65 L.L.			51'	Cor. Cut
Sta. 100+65 L.L. to Sta. 102+84.0 L.L.			219'	
Sta. 102+84.0 P.R.'B' L.L. to 116+54.0 P.R.'B' L.L.		137.0	133.2'	E.L. x Factr. $\frac{1880}{1970}$
Sta. 116+74.7 B' L.L. to Sta. 120+00 B' L.L.			325'	
Sta. 98+114 R.L. to Sta. 102+84.0 R.L.			473'	
Sta. 102+84.0 R.L. to Sta. 108+25 P.R.'B' R.L.			569'	
Sta. 108+25 P.R.'B' R.L. to 110+75 P.R.'B' R.L.		22.5	63' x 2.31'	E.L. x Factr. $\frac{1880}{1970}$
Sta. 110+75 P.R.'B' R.L. to 51+15 S-1-B' R.L.			164'	Cor. Cut
Sta. 51+00 L.L. S-2-B' to 113+00 R.L. P.R.'B' S.			78'	Cor. Cut
Sta. 113+00 R.L. P.R.'B' to 116+54.0 R.L. P.R.'B'		35.4	36.4'	E.L. x Factr. $\frac{1880}{1970}$
Sta. 116+74.7 R.L. B' to 120+00 R.L. B'			325'	
Sta. 120+00 to Sta. 122+85 L.L.S.			285'	
Sta. 123+25 L.L. to Sta. 136+65 L.L.S.			1340'	
Sta. 136+65 L.L. to Sta. 147+00 L.L.			1015'	
Sta. 147+00 L.L. B' to Sta. 48+74.8 R.L. S-2-B' S.			62'	Cor. Cut
Sta. 148+25 L.L. B' to Sta. 148+80 L.L. B'			70'	
Sta. 148+80 L.L. B' to Sta. 150+50.5 L.L. B'			170.5'	
Sta. 120+00 to Sta. 123+25 R.L. S.			325'	
Sta. 123+25 L.L. to Sta. 136+65 R.L. S.			1310'	
Sta. 136+65 L.L. to Sta. 147+25 R.L.			1040'	
Sta. 147+25 R.L. B' to Sta. 51+24.7 R.L. S-2-B' S.			112'	
Sta. 51+24.7 L.L. S-2-B' to 149+00 R.L. B'			60'	Cor. Cut
Sta. 149+00 R.L. B' to Sta. 150+50.5 R.L. B'			150.5'	Cor. Cut
Sta. 150+50.5 R.L. C' to 154+85 R.L. C' S.		434.5	423'	E.L. x Factr. $\frac{1880}{1970}$
Sta. 155+10 R.L. C' to Sta. 159+67.2 R.L. C'		457.2	445'	E.L. x Factr. $\frac{1880}{1970}$
Sta. 159+67.2 R.L. C' to Sta. 162+46.1 R.L. C' S.			279'	
Sta. 150+50.5 L.L. C' to Sta. 155+22 L.L. C' S.		471.5	484'	E.L. x Factr. $\frac{1880}{1970}$
Sta. 155+147 L.L. C' to Sta. 159+67.2 L.L. C'		420.2	431'	E.L. x Factr. $\frac{1880}{1970}$
Sta. 159+67.2 L.L. C' to Sta. 162+31.2 L.L. C' S.			264'	
			See Total Below	

FENCE TABLE Cont'd				
LOCATION	LENGTH ON CURVE	FARM FIELD	STEEL CHAIN LINK	REMARKS
Sta. 162+91 L.L. C' to 163+46 L.L. C' S.			55.5'	Cor. Cut
Sta. 164+07 L.L. C' to 164+25 L.L. C'			31'	Cor. Cut
Sta. 164+25 L.L. C' to 166+86.2 L.L. C'			261.2'	
Sta. 166+86.2 L.L. C' to 167+75 L.L. C'	88.8'		91.2'	
Sta. 167+75 L.L. C' to 40' N.E. End S.			40'	
Sta. 163+77 R.L. C' to 164+00 R.L. C'			27'	Cor. Cut
Sta. 164+00 R.L. C' to 165+36 R.L. C'			135'	
Sta. 165+36 R.L. C' to 174+95 R.L. C'			95.9'	N. Line of Alley
Sta. 174+95 R.L. C' to 176+30.5 R.L. C' S.			12.9'	
Sta. 176+47 R.L. C' to 176+75 R.L. C'			29.5'	Cor. Cut
Sta. 176+75 R.L. C' to 179+00 R.L. C' to S.W. Wg. Wall S.			38' x 22.5'	End Fence R.L.
Sta. 50+35 L.L. S-3-B' to 52+00 L.L. S-3-B' S.			16.8'	
75' L.L. Sta. 50+35 S-3-B' to 65' R.L. Sta. 183+46.0 C'				
to U.P.L. R.R. 65' R.L. C' S.			9.9'	
Sta. 47+55 L.L. S-3-B' to 70 L.L. Sta. 183+47 C' S.			15.5'	
Sta. 184+21 (E.P.L. R.R.) to 185+15 L.L.				
to 40' R.L. Sta. 48+75 P.R. S-4-B' S.			134'	
Sta. 185+02 S.R.L. (E.P.L. R.R.) to Sta. 180+50				
to 45' R.L. Sta. 50+50 P.R. S-4-B' S.			88'	
Sta. 189+90.2 End of Bridge to 75' L.L. of			35' x 170.3'	
Sta. 189+90.2 to Sta. 191+70.8			17.2'	
Sta. 191+70.8 L.L. to 55' L.L. 193+50 P.R.'B'	179.7		17.2'	
55' L.L. Sta. 193+50 P.R.'B' to 45' L.L. 195+00 P.R.'B'	150'		14.5'	
Sta. 195+00 L.L. P.R.'B' to 45' L.L. 196+45 L.L.	145'		14.1'	
Sta. 190+08 L.L. R.L. to 75' R.L. of Sta. 190+25 to Sta. 191+30 R.L. B'			40' x 10.5'	
75' R.L. Sta. 191+30 to R.L. Sta. 191+34 R.L. B' S.			9'	
Sta. 192+45 S. W. MAIN ST. to Sta. 195+32 S.			311'	
S.P.L. MAIN ST.	380			
Sta. 196+30 R.L. to R.L. 65' R.L.			30'	
TOTALS		12,460	4,089.2	
use		12,490	4,120	



DETAILS

Scale - 1" = 20'-0"