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[redacted]

STATE HIGHWAY COMMISSION

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PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	KANSAS	235-87I-235-1(15)49 Part III	1966	6	[illegible]

PLAN	BY	DATE
NOTE BOOK NO.	SURVEYED	
	PLOTTED	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

PROFILE	BY	DATE
NOTE BOOK NO.	SURVEYED	
	PLOTTED	
	GRADES CHECKED	
	B.M. & NOTES	
	STRUCTURE NOTATION CHKD.	

GENERAL NOTE

ENCROACHMENTS SUCH AS FENCES, BUILDINGS, TELEPHONE, TELEGRAPH AND POWER LINES SHALL BE MOVED BY THE OWNERS *.

IN THE INTEREST OF PUBLIC SAFETY, ALL GAS, GASOLINE AND OIL LINES SHALL BE MOVED BEYOND THE LIMITS OF THE ROADBED BY THE OWNER UNLESS SPECIAL PROVISION FOR THEIR RETENTION HAS BEEN MADE.

ALL WATER LINES LESS THAN THREE FEET BELOW THE SURFACE OF THE PROPOSED GRADE, OR LINES NOT CONSTRUCTED OF LEAD, COPPER, CAST IRON OR WROUGHT IRON, OR LINES NOT IN GOOD CONDITION SHALL BE LOWERED, REPLACED OR MOVED BEYOND THE LIMITS OF THE ROADBED BY THE OWNERS.

ALL OTHER UNDERGROUND UTILITIES SHALL BE PLACED IN GOOD CONDITION AND ADJUSTED TO FIT THE NEW CONSTRUCTION BY THE OWNERS.

ALL VALVES, METER BOXES, HYDRANTS, MANHOLES, ETC. SHALL BE MOVED OR ADJUSTED TO THE NEW CONSTRUCTION BY THE OWNERS UNLESS NOTED OTHERWISE ON THE PLANS.

AT PIT LOCATIONS ADJACENT TO THE RIGHT-OF-WAY, UTILITY POLES MAY BE SET AT THE PERMANENT LOCATIONS PRIOR TO CONSTRUCTION AS APPROVED BY THE ENGINEER, PROVIDED A MINIMUM VERTICAL CLEARANCE OF 14 FEET IS OBTAINED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND THESE POLES TO COMPLETE THE WORK.

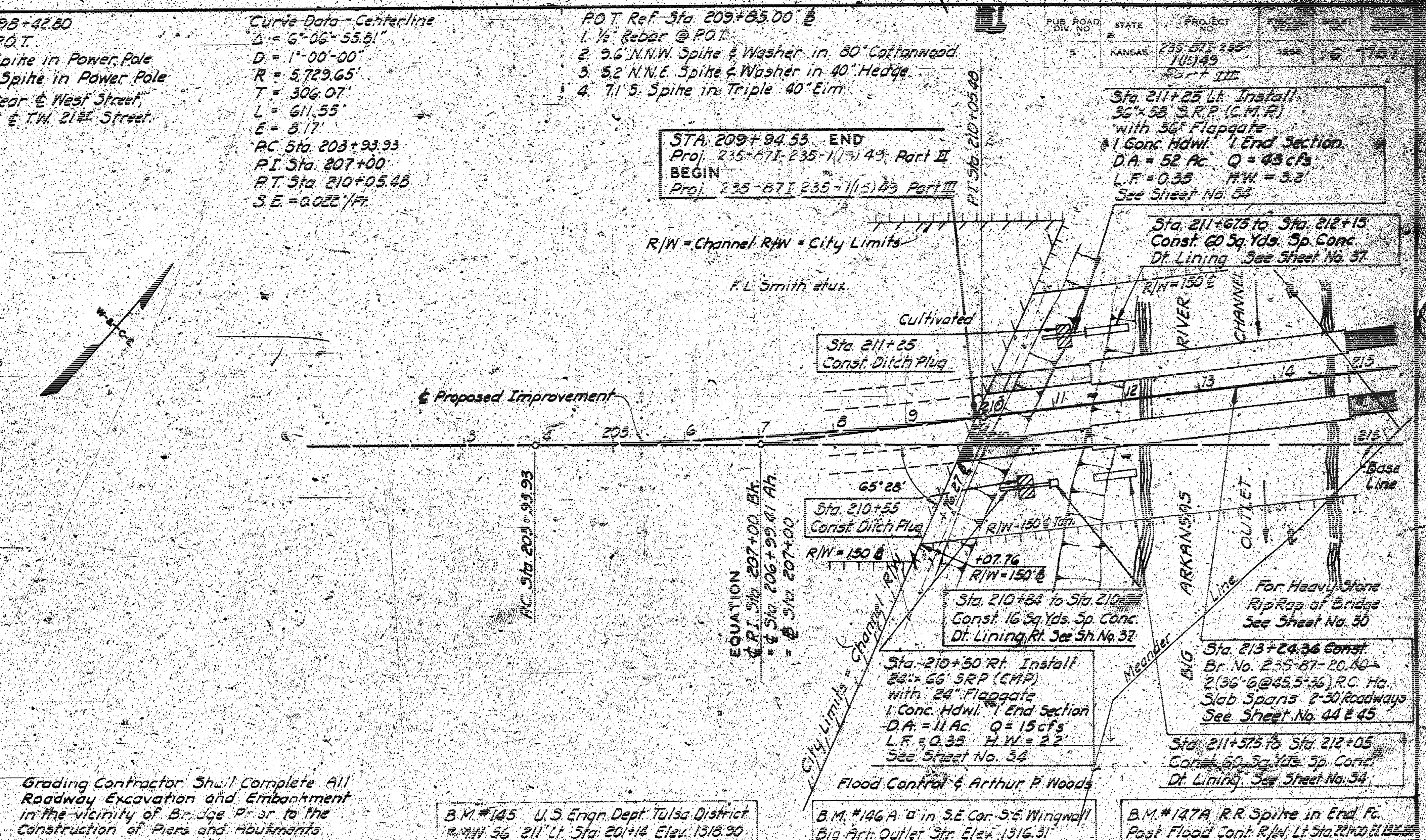
THE GEOLOGICAL INFORMATION SHOWN ON THESE PLANS IS FROM STUDIES MADE IN THE FIELD AND REPRESENTS THE BEST INFORMATION AVAILABLE TO THE KANSAS HIGHWAY COMMISSION.

CHANNELS SHALL BE CUT AT ALL CULVERTS (UNLESS OTHERWISE NOTED) TO FLOW LINE ELEVATION AND TO A WIDTH OF ONE FOOT OUTSIDE OF EACH OUTSIDE WALL AND WITH SLOPES 2 TO 1 PRIOR TO CONSTRUCTION OF THE CULVERT. QUANTITIES INCLUDED IN EXCAVATION TOTALS.

ALL TREES TO BE GRUBBED ARE MARKED THUS X.

ALL ADDITIONAL RIGHT-OF-WAY SHALL BE FURNISHED BY THE STATE (UNLESS OTHERWISE NOTED).

* Except as Noted in Plans.



SCALE
PLAN: Lat. & Long. 100 50 0 100
PROFILE: Horiz. Same as above Vert. 10 5 0

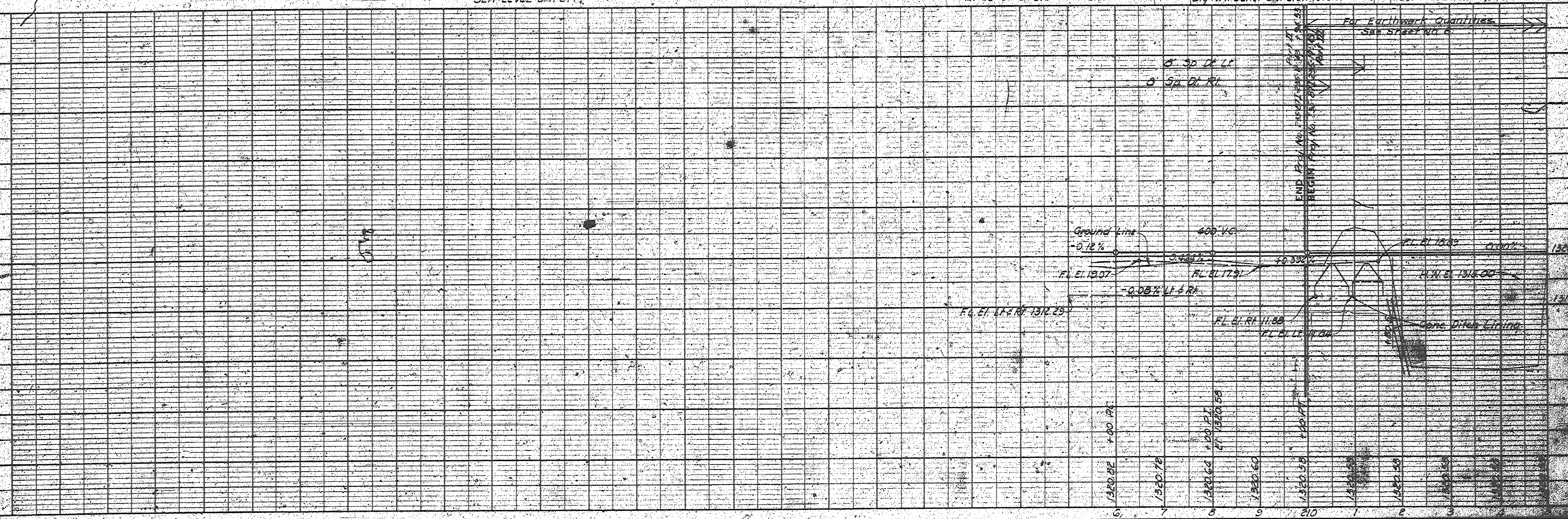
Grading Contractor Shall Complete All Roadway Excavation and Embankment in the vicinity of Bridge Prior to the Construction of Piers and Abutments.

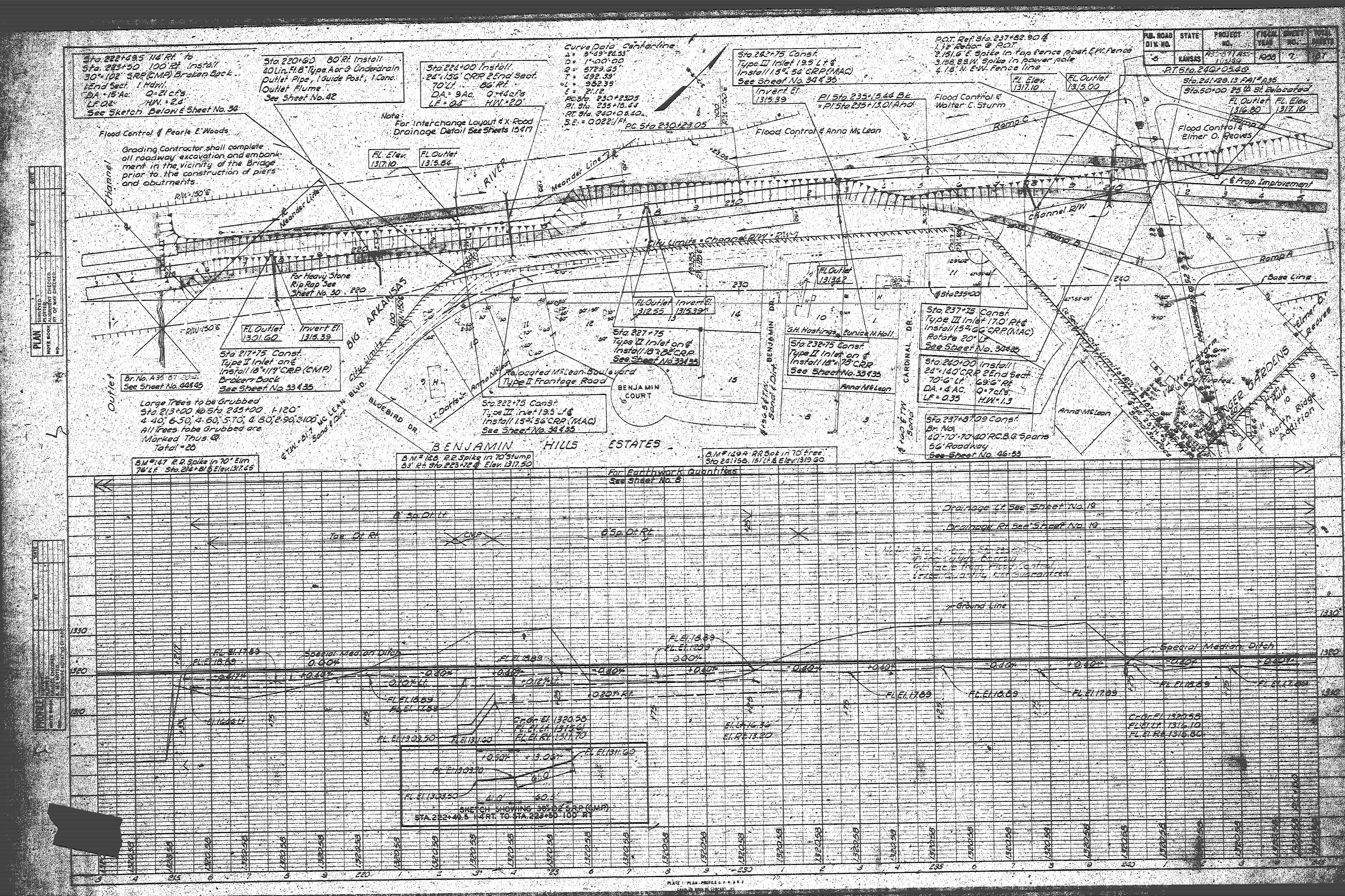
B.M. #145 U.S. Engr. Dept. Tulsa District RW 56 211' Lt. Sta. 201+14 Elev. 1318.90

B.M. #146A □ in S.E. Cor. S.E. Wingwall Big Ark. Outlet Str. Elev. 1316.31

B.M. #147A R.R. Spike in End Fc. Post Flood Cont. R/W, Lt. Sta. 221+00 El. 1326.[illegible]

SEA LEVEL DATUM





F.B. ROAD DIV. NO. 5
STATE KANSAS
FISCAL YEAR 1958
SHEET NO. 7
Sta. 222+49.5 114' Rt. to Sta. 223+50 100' Rt. Install 30"x102' S.R.P.(CMP) Broken Back 1 End Sect. 1 Hdwl. D.A. = 15 Ac. Q = 21 c.f.s. L.F. 0.2 H.W. = 2.4 See Sketch Below & Sheet No. 34
Sta. 220+60 80' Rt. Install 40 Lin. Ft. 8" Type A or G Underdrain Outlet Pipe, 1 Guide Post, 1 Conc. Outlet Flume See Sheet No. 42
Sta. 224+00 Install 24"x156' C.R.P. 2 End Sect. 70' Lt. 86' Rt. D.A. = 9 Ac. Q = 44 cfs LF = 0.4 H.W. = 2.0'
Note: For Interchange Layout & X-Road Drainage Detail See Sheets 15 & 17
Curve Data Centerline
Δ = 9°49'-24.33" D = 1°-00'-00 R = 5729.65' T = 492.39' L = 982.35' E = 21.12 P.C. Sta. 230+23.05 P.I. Sta. 235+15.44 P.T. Sta. 240+05.40 S.E. = 0.022'/Ft.
P.C. Sta. 230+23.05
Sta. 232+75 Const. Type III Inlet 19.5' Lt. ℄ Install 15"x54' C.R.P. (MAC) See Sheet No. 34 & 35
Invert El. 1315.39
P.I. Sta. 235+15.44 Bk. = P.I. Sta. 235+13.01 Ahd.
P.O.T. Ref. Sta. 237+82.90 ℄ 1. ½" Rebar @ P.O.T. 2. 151.6' E. Spike in top fence post, E.W. fence 3. 158.8 S.W. Spike in power pole 4. 1.6' N. E-W. Fence line
P.T. Sta. 240+05.40
Sta. 241+29.13 FAI # A35 = Sta. 50+00 25th St. Relocated
FL. Elev. 1317.10
FL. Outlet 1315.00
FL. Outlet 1316.80
FL. Elev. 1317.10
Flood Control & Walter C. Sturm
Flood Control & Anna McLean
Flood Control & Elmer O. Reaves
Flood Control & Pearle E. Woods
Grading Contractor shall complete all roadway excavation and embankment in the vicinity of the Bridge prior to the construction of piers and abutments.
FL. Elev. 1317.10
FL. Outlet 1315.84
Channel
R/W 150' ℄
Meander Line
RIVER
BIG ARKANSAS
Ramp C
Ramp D
Ramp B
Ramp A
Channel R/W
℄ Prop. Improvement
Base Line
City Limits = Channel R/W = R/W
For Heavy Stone Rip Rap See Sheet No. 30
FL. Outlet 1301.60
Invert El. 1315.39
Sta. 217+75 Const. Type II Inlet on ℄ Install 18"x117' C.R.P. (CMP) Broken Back See Sheet No. 33 & 35
Br. No. A35-87 See Sheet No. 44 & 45
Outlet
Large Trees to be Grubbed Sta. 213+00 to Sta. 245+00 1-120" 4-40", 6-50", 4-60", 5-70", 4-80", 2-90", 2-100" All Trees to be Grubbed are Marked Thus Total = 28
MC LEAN BLVD.
BLUEBIRD DR.
J.T. Davis Jr.
Anna McLean
Relocated McLean Boulevard Type II Frontage Road
Sta. 222+75 Const. Type III Inlet 19.5' Lt. ℄ Install 15"x56' C.R.P. (MAC) See Sheet No. 34 & 35
FL. Outlet 1312.55
Invert El. 1315.39
Sta. 227+75 Type II Inlet on ℄ Install 18"x82' C.R.P. See Sheet No. 33 & 35
BENJAMIN COURT
BENJAMIN DR.
FL. Outlet 1313.42
G.H. Hastings
Eunice M. Hall
Sta. 232+75 Const. Type II Inlet on ℄ Install 18"x78' C.R.P. See Sheet No. 33 & 35
Anna McLean
CARDINAL DR.
℄ Sta. 235+00
Sta. 237+75 Const. Type III Inlet 17.0' Rt. ℄ Install 15"x66' C.R.P. (MAC) Rotate 20° Lt. See Sheet No. 34 & 35
Sta. 240+00 Install 24"x140' C.R.P. 2 End Sect. 70'-6" Lt. 69'-6" Rt. D.A. = 4 AC. Q = 7 cfs. LF = 0.35 H.W. = 1.3
Sta. 237+87.09 Const. Br. No. 40'-70'-70'-40' R.C.B.G. Spans 56' Roadway See Sheet No. 46-53
Cultivated
GARDENS
North Ridge Addition
Elmer O. Reaves
BENJAMIN HILLS ESTATES
B.M. # 147 R.R. Spike in 70" Elm 76' Lt. Sta. 214+81 ℄ Elev. 1317.45
B.M. # 148 R.R. Spike in 70" Stump 83' Rt. Sta. 223+72 ℄ Elev. 1317.50
B.M. # 149A R.R. Spk. in 70" tree Sta. 241+56, 151' Lt. ℄ Elev. 1319.60
For Earthwork Quantities See Sheet No. 8
8' Sp. Dt. Lt.
Toe Dt. Rt.
8' Sp. Dt. Rt.
Drainage Lt. See Sheet No. 19
Drainage Rt. See Sheet No. 19
Ground Line
Special Median Ditch
Special Median Ditch
1330
1320
1310
Cr. Gr. El. 1320.58 FL. El. Lt. 1315.61 FL. El. Rt. 1311.70
El. Lt. 16.30 El. Rt. 13.20
Cr. Gr. El. 1320.58 FL. El. Lt. 1316.10 FL. El. Rt. 1315.80
SKETCH SHOWING 30"x102' S.R.P. (CMP) STA. 222+49.5 114' RT. TO STA. 223+50 100' RT.
PLAN
PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
215
220
225
230
235
240