

STATE OF KANSAS
STATE HIGHWAY COMMISSION

PROJ. NO. 226-87-US 256(3)
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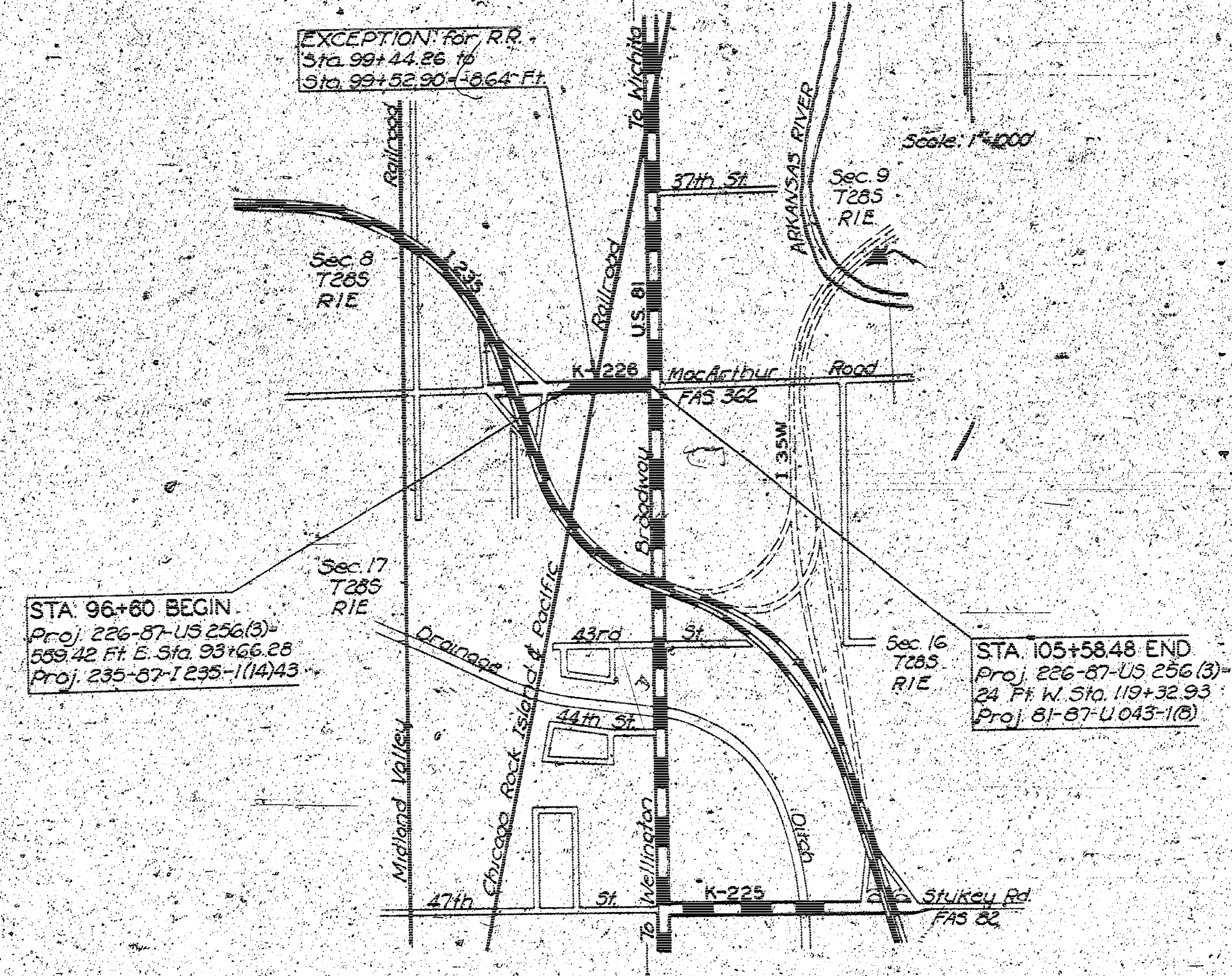
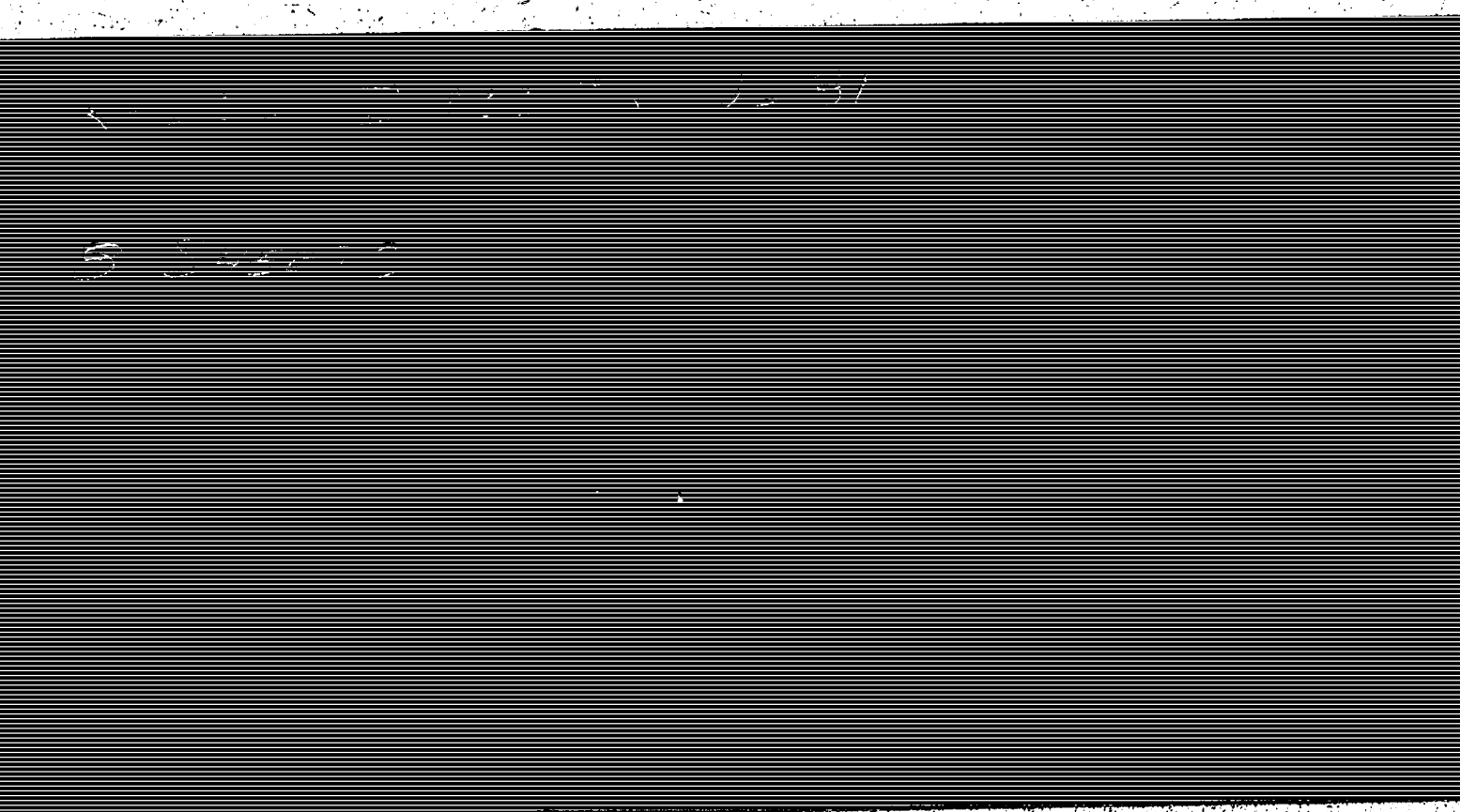
GRADING & PAVING
SODDING

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT
SEDGWICK COUNTY
K-226

INDEX OF SHEETS

Sh. No.	1	Title Sheet
"	2	Typical Sections
"	3-4	Plan Profile Sheets
"	5-6	Interchange Layouts
"	7-8	Payment Details
"	9-10	Incidental Structures
"	11	Bar Support & Spacer Sheet
"	12	Quantity Sheet
"	13	Seeding Sheet
"	14	Highway Crossing Protection
"	15	Detail of Crossing Signals
"	16	Timing Diagrams (Sheet No. 25 Deleted)
"	17	Traffic Control
"	18	Construction Identification Signs
"	19	Drainage Areas
"	20-31	Cross Sections



DESIGN DESIGNATION
1961 A.D.T. = 6500
1960 A.D.T. = 15,675
D.H.V. = 120%
D = 6%
T = 35%
V = 40 mph
C.R.A. = None

NOTE: TRAFFIC SHALL BE CARRIED
THROUGH CONSTRUCTION

CONVENTIONAL SIGNS

COUNTY LINE	RETAINING WALL
CORPORATE LIMITS	BASE OR SURVEY LINE
STATE OR NATIONAL LINE	LEVEE
TOWNSHIP LINE	CULVERTS
SECTION LINE	DROP INLETS
GRANT LINE	ACCESS CONTROL
FENCE LINE	POWER LINE
GUARD FENCE	TELEPHONE OR TELEGRAPH LINE
UNFENCED PROPERTY	MARSH
RIGHT OF WAY LINE	HERDGE
TRAVELLED WAY	TREES
RAILROADS	GRADE ELEVATION

GROSS LENGTH OF PROJECT 598.45 FT.
EXCEPTIONS
(FOR R.R. STA 99+44.26 to STA 99+52.20 - 18.64 FT.)

NET LENGTH OF PROJECT 589.84 FT. 0.168 MILES
NET LENGTH OF BRIDGES 0.00 FT. 0.000 MILES
NET LENGTH OF ROAD 589.84 FT. 0.168 MILES

RECOM. FOR APPROVAL DATE	
ENGINEER OF DESIGN	
STATE HIGHWAY COMMISSION OF KANSAS	
APPROVED DATE	
STATE HIGHWAY ENGINEER	
STATE HIGHWAY COMMISSION OF KANSAS	

RECOM. FOR APPROVAL DATE	
ENGINEER	
BUREAU OF PUBLIC ROADS	
DEPARTMENT OF COMMERCE	
APPROVED DATE	
DIVISION ENGINEER	
BUREAU OF PUBLIC ROADS	
DEPARTMENT OF COMMERCE	

PLAN
 DATE
 NO.
 SHEET
 NO.
 TOTAL
 SHEETS
 NO.

PROFILE
 DATE
 NO.
 SHEET
 NO.
 TOTAL
 SHEETS
 NO.

GENERAL NOTE
 ENCROACHMENTS SUCH AS FENCES, BUILDINGS, TELEPHONE TOWERS, GRAPE 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. THE USUAL PROVISION FOR THEIR RETENTION HAS BEEN MADE.
 ALL WATER LINES LESS THAN THREE FEET BELOW THE SURFACE OF THE HIGHWAY SHALL BE MOVED BY THE OWNERS.
 ALL LINES, WITHIN BOUNDARIES, MAINLY, ETC., SHALL BE MOVED OR ADJUSTED TO THE NEW CONSTRUCTION BY THE OWNERS UNLESS NOTED OTHERWISE ON THE PLAN.
 AT THE LOCATION 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 LOCATION SHALL BE RECORDED 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 GROUBED ARE MARKED WITH X'S. SPARE ALL TREES NOT MARKED. EXCEPTIONALLY GOOD TREES SHALL BE SPARED BY ADJUSTING THE BACKSLOPE LINES DURING CONSTRUCTION.
 ALL ADDITIONAL RIGHT-OF-WAY SHALL BE TURNED OVER BY THE STATE, UNLESS OTHERWISE NOTED.
 If it is necessary to remove any existing surfacing on driveways or side streets beyond the limits of the new work as shown on the plans, an equivalent surfacing shall be replaced by the contractor as a satisfactory item.
 All borrow to be obtained from areas provided by the contractor shall be approved by the Engineer both as to suitability of material and site location. Locations that in the opinion of the Engineer will cause an unsightly appearance on this project will not be approved.

SCALE
 PLAN: 1" = 40'
 PROFILE: Horiz. same as above
 Vert. 1" = 10'

BM #102 Iron Bar South MacArthur Road
 141' R/L Sta. 92+75 (235-87-1235-11(4)43 Pt. 1) ELEV. 1276.09

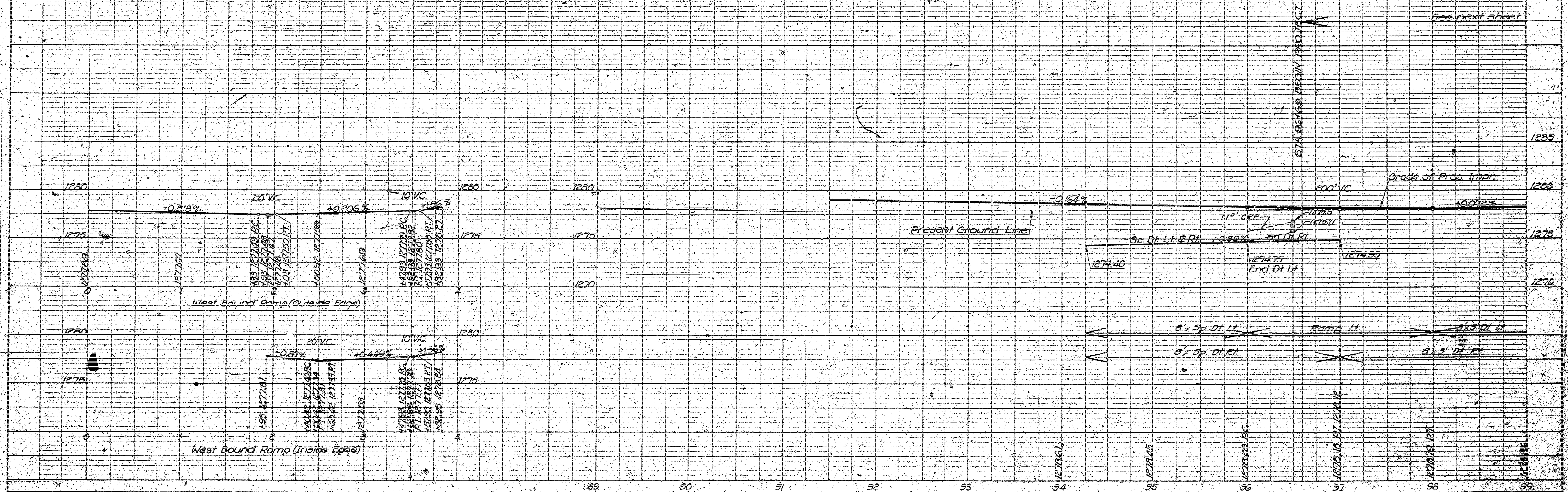
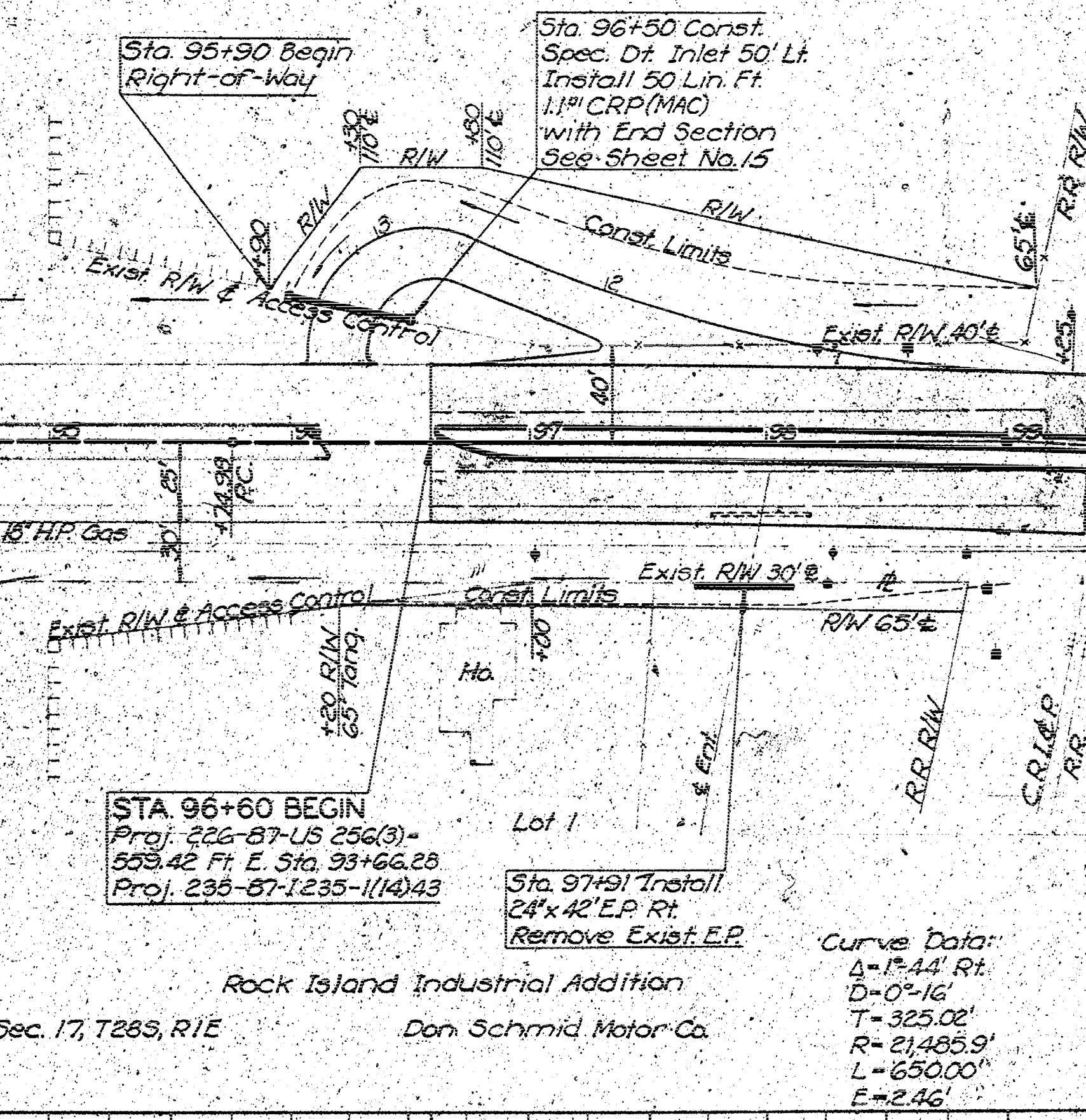


PLATE 3 - PLAN PROFILE, O.P.R. & P. STANDARD
 PRINTED & REPRODUCED BY THE
 KANSAS HIGHWAY COMMISSION

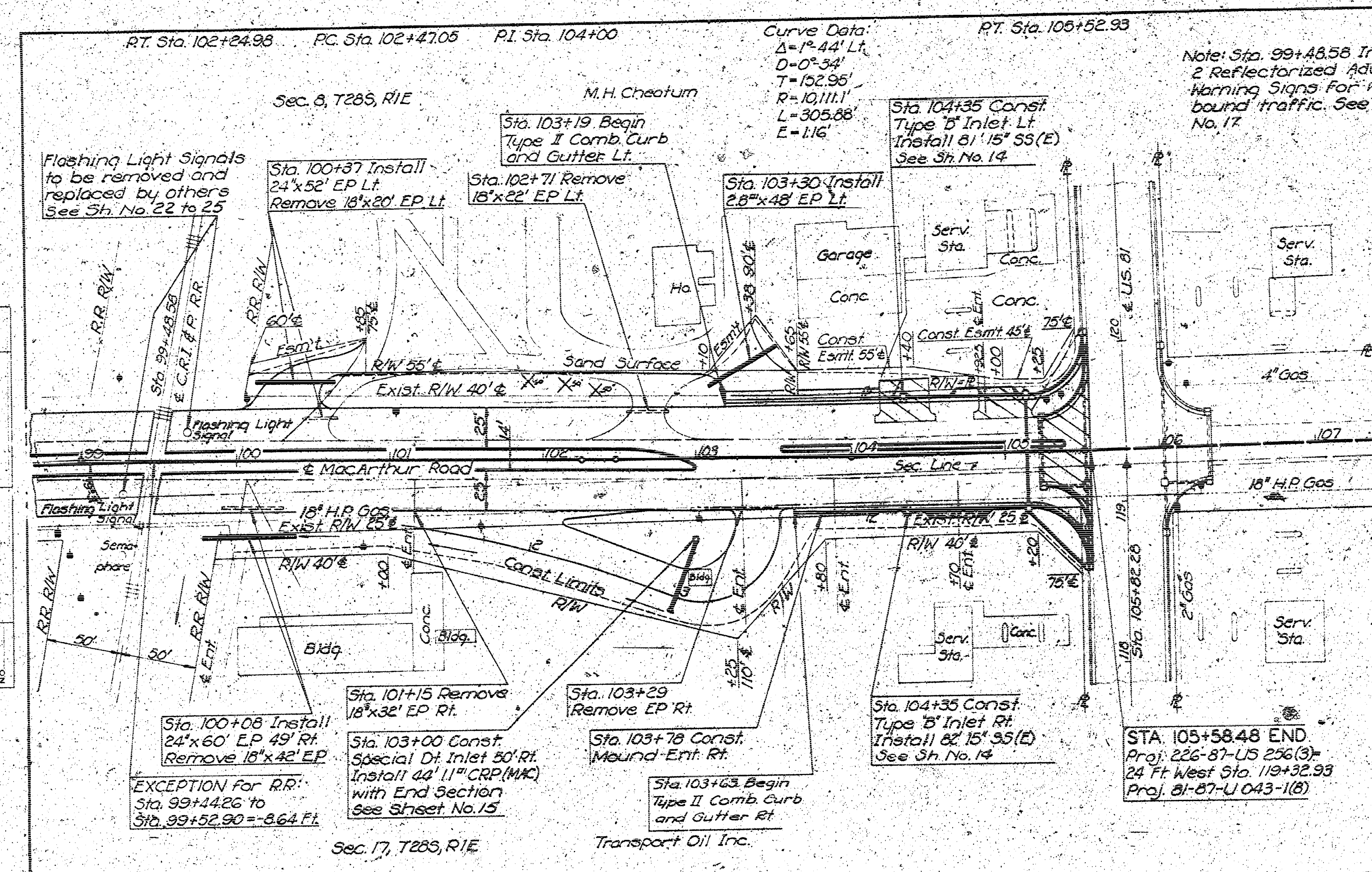
PC Sta. 95+74.98 RI Sta. 99+00
 Sec. 8, T28S, R1E
 Dolese Bros. Co.
 PROJECT
 KANSAS 226-87-1235-11(4)43
 SHEET
 3
 TOTAL
 31



Curve Data:
 1-P-44 Rt.
 D=0'-16'
 T=325.02'
 R=21,485.9'
 L=650.00'
 E=2.46'

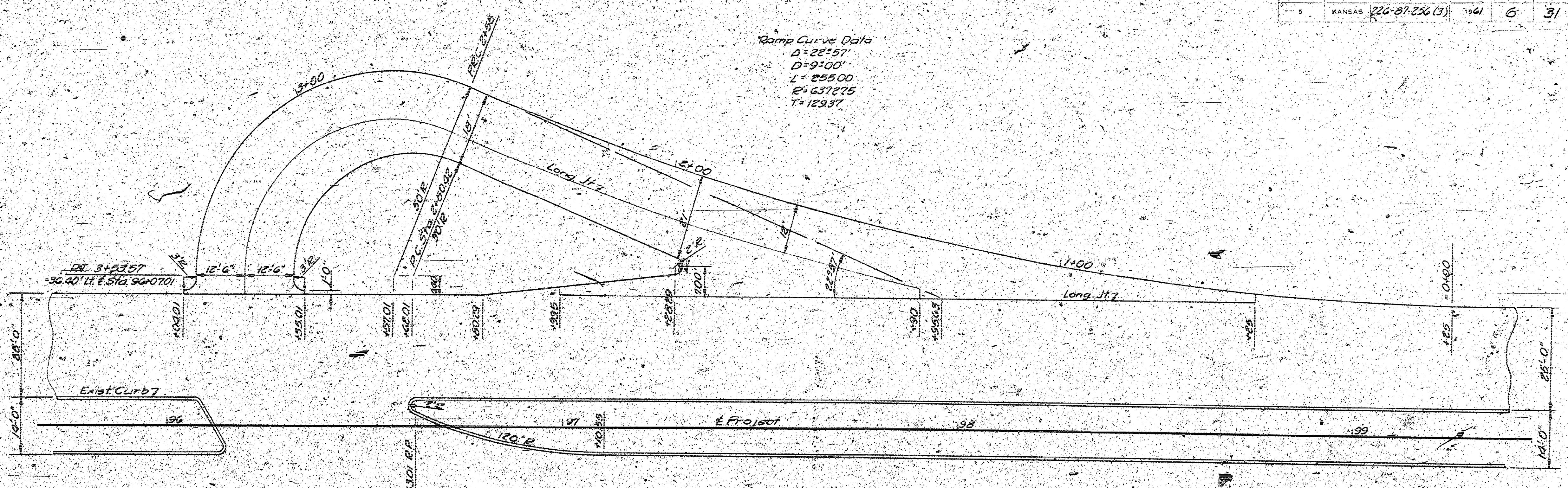
PLAN
 SURVEYED
 NOTE BOOK
 NO.

PROFILE
 SURVEYED
 NOTE BOOK
 NO.

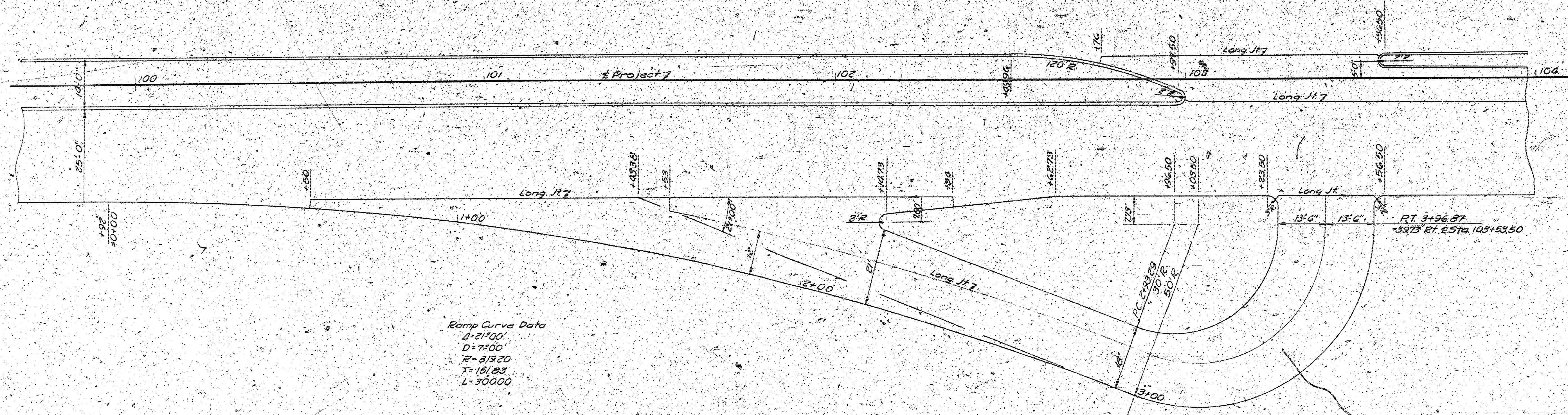


PUB. ROAD	STATE	PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
220-87-236 (3)	KANSAS	U-3	1961	6	31

Ramp Curve Data
 $\Delta = 28^\circ 57'$
 $D = 9^\circ 00'$
 $L = 255.00$
 $E = 637.75$
 $T = 123.37$



WEST BOUND LANE



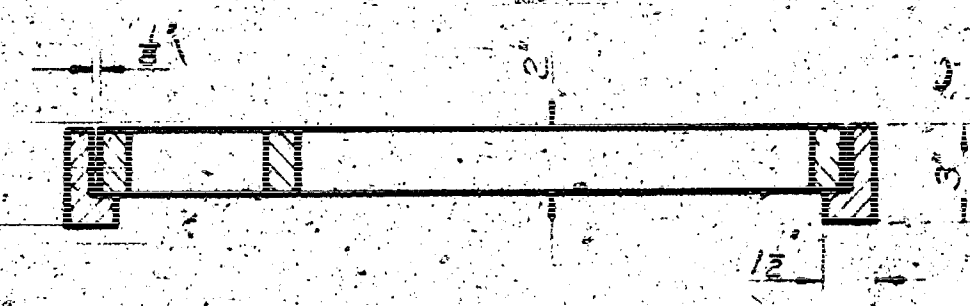
EAST BOUND LANE

Ramp Curve Data
 $\Delta = 21^\circ 00'$
 $D = 7^\circ 00'$
 $R = 819.20$
 $T = 18.84$
 $L = 500.00$

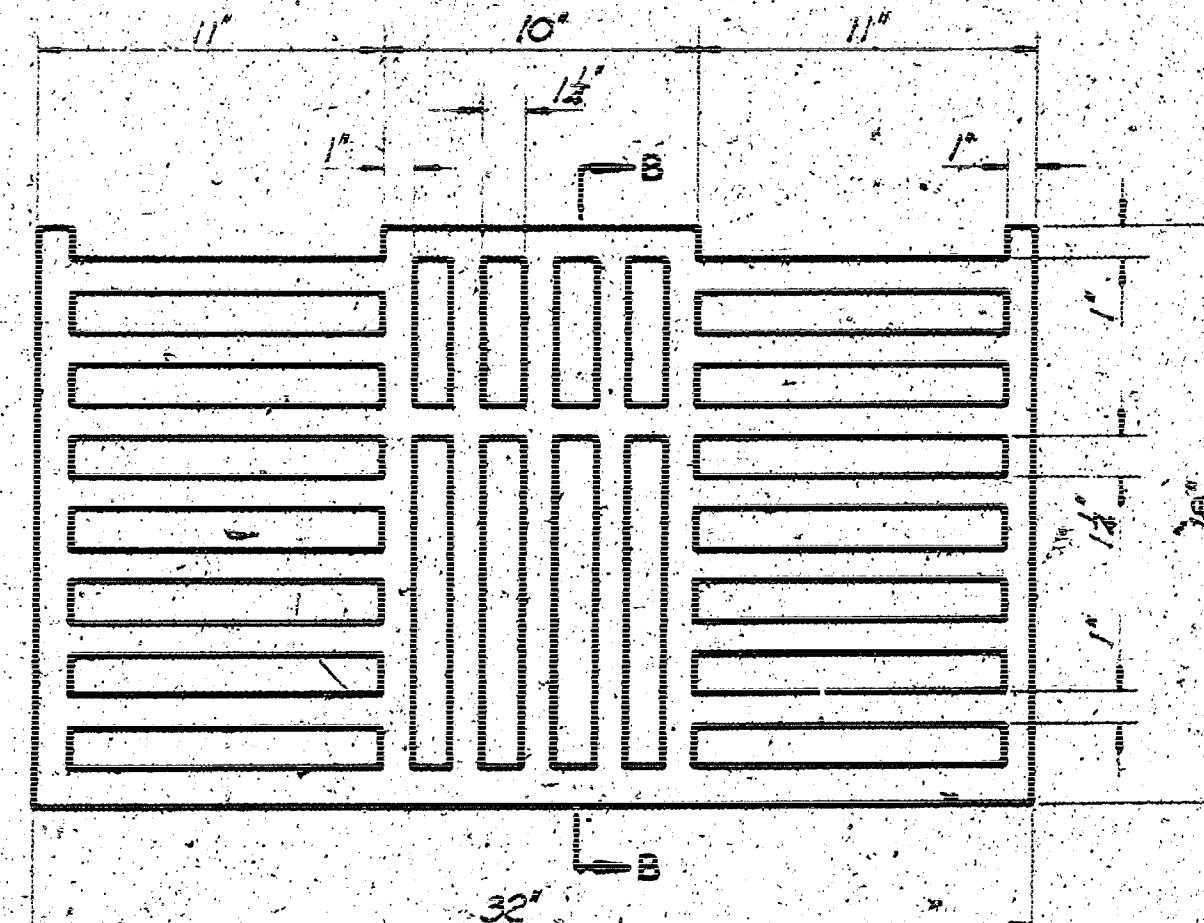
STATE HIGHWAY COMMISSION OF KANSAS					
U-TURN RAMP DETAILS					
PROJECT NO.	220-87-236 (3)	SCALE	1" = 15'	DATE	1961
DESIGNER	TRAC	CHECKED	TRAC	DATE	1961
DESIGNER	TRAC	CHECKED	TRAC	DATE	1961

DITCH INLET

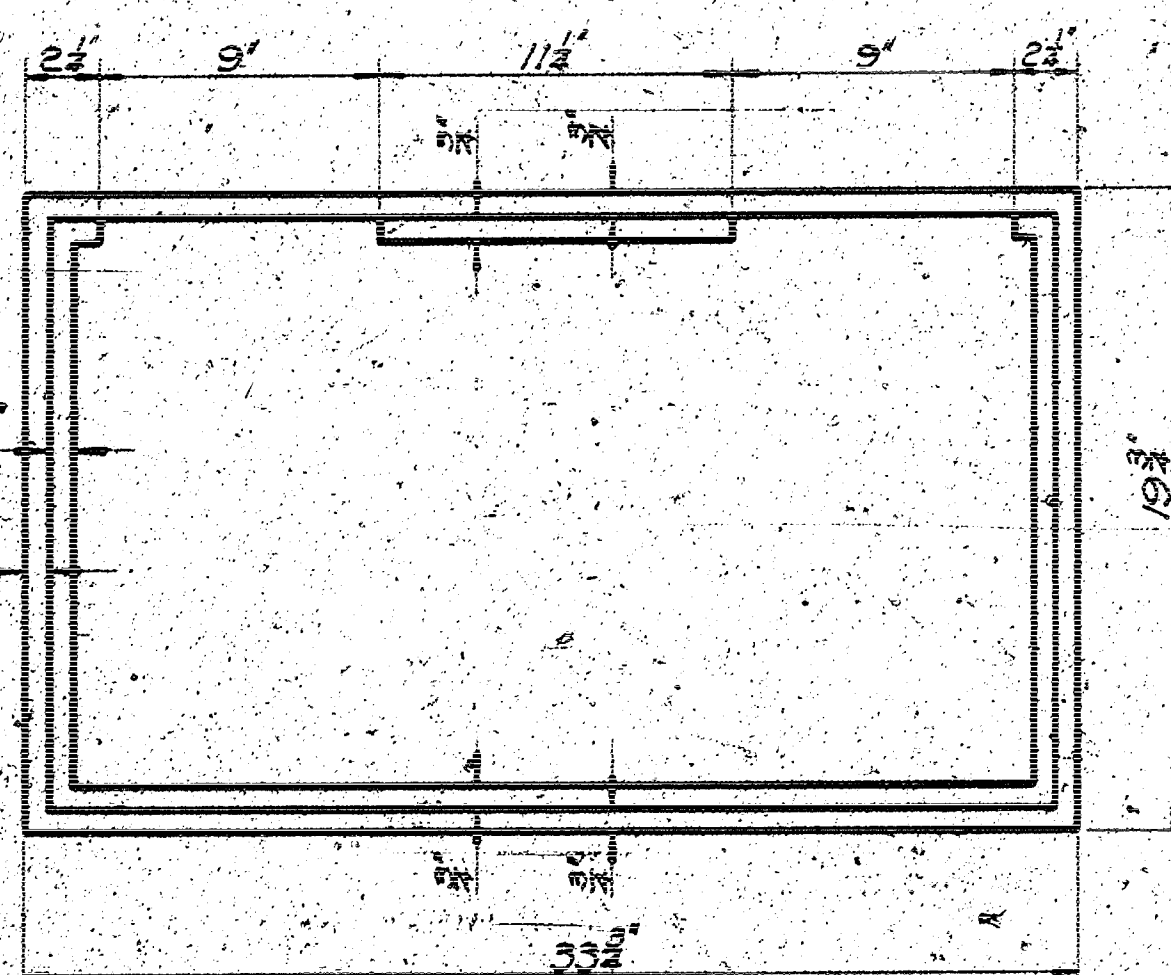
LT STA. 96+50
RT STA. 103+00



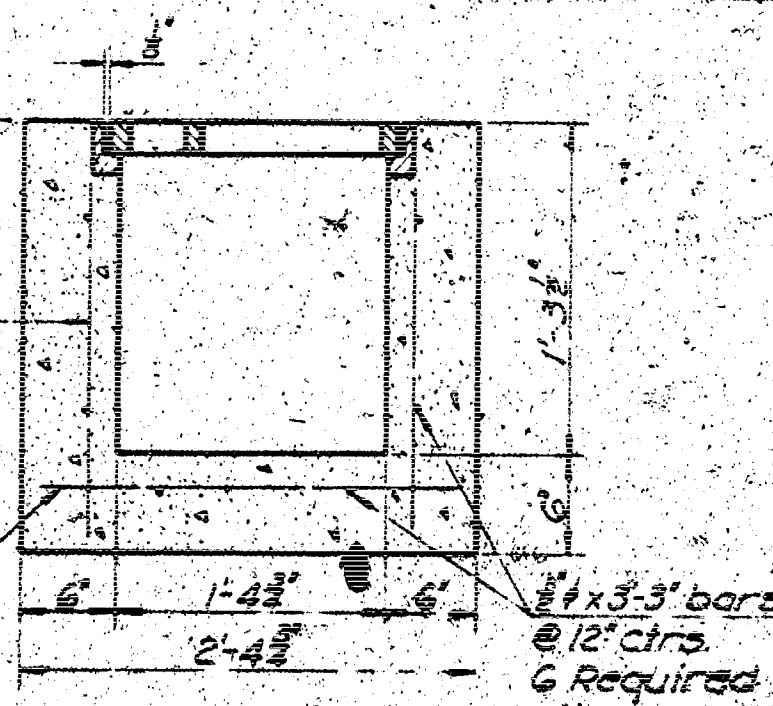
SECTION B-B



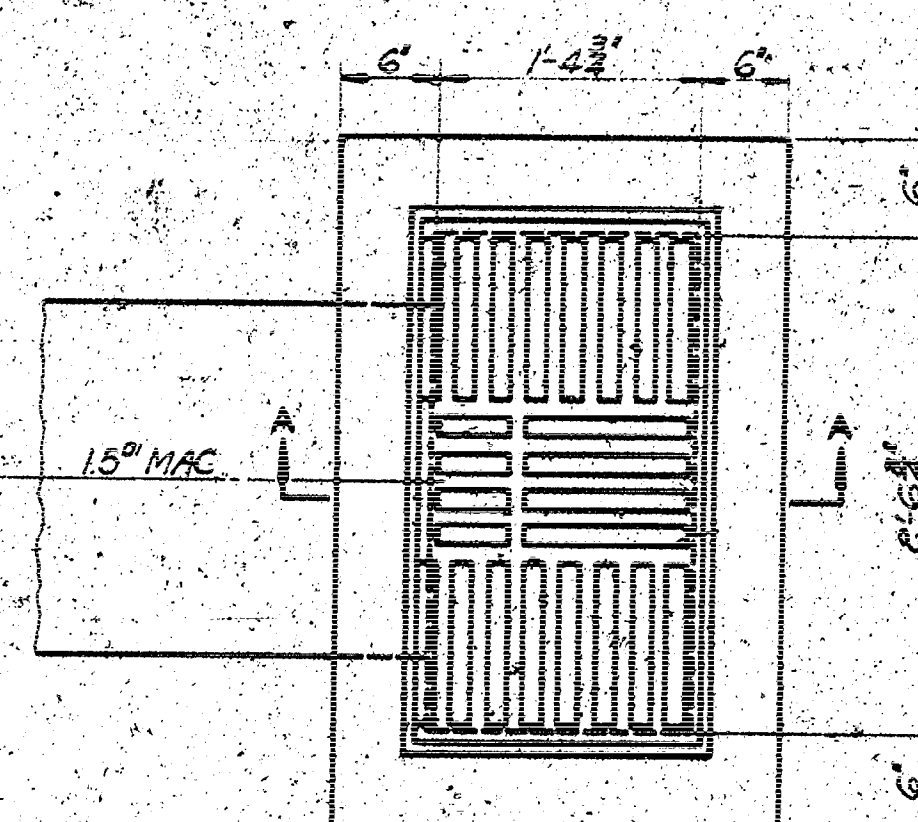
PLAN OF GRATE
Weight: 170 Lbs.



PLAN OF FRAME
Weight: 85 Lbs.
Scale: 2"=1'



SECTION A-A



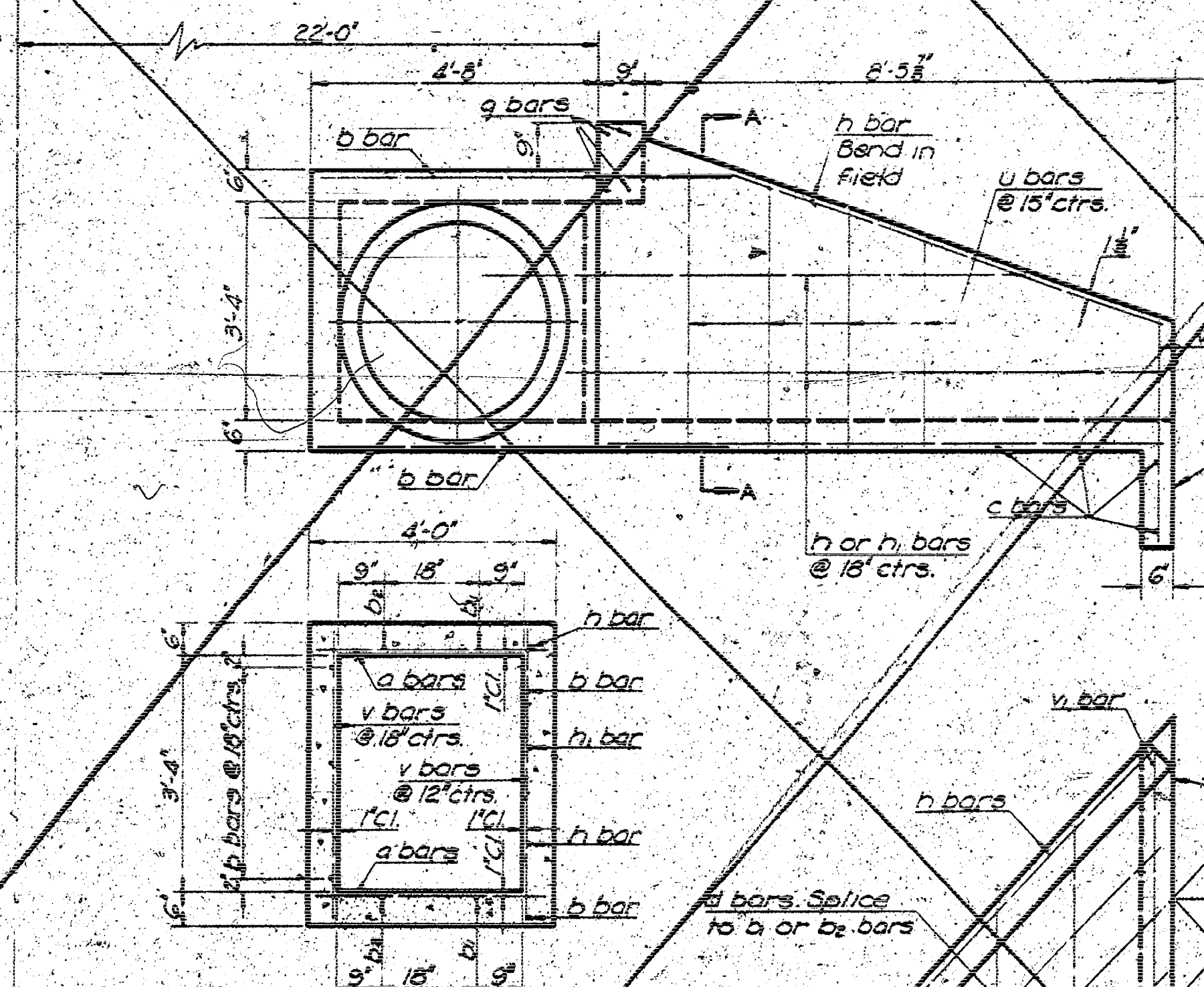
PLAN
Scale: 1"=1'

QUANTITIES	
Class "A" Concrete	0.6 Cu Yds
Reinforcing Steel	25 Lbs
Cast Iron	255 Lbs
Class "B" Excavation	2 Cu Yds

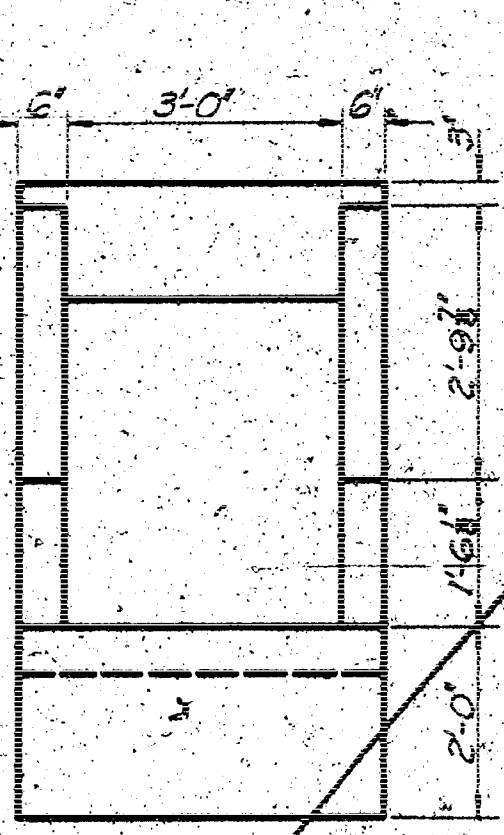
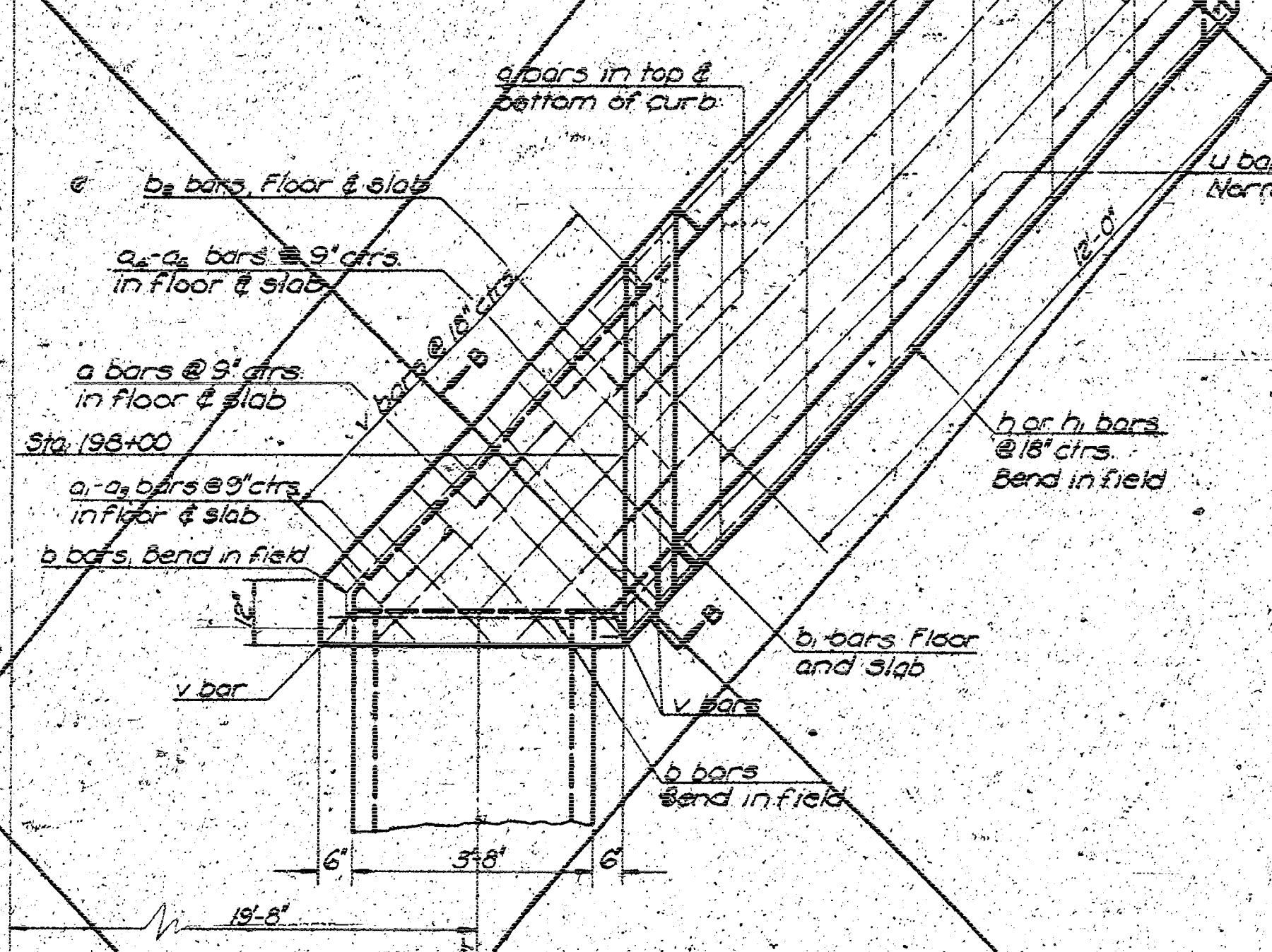
Notes:
Use Class "A" Concrete thruout.
All weights of castings are calculated weights with 10% allowed for fillets, overruns, anchor bars and bolts.
Standard gutter castings for Type 40C catch basin and catch basin manhole used by City of Topeka.

SPECIAL OUTLET HEADWALL

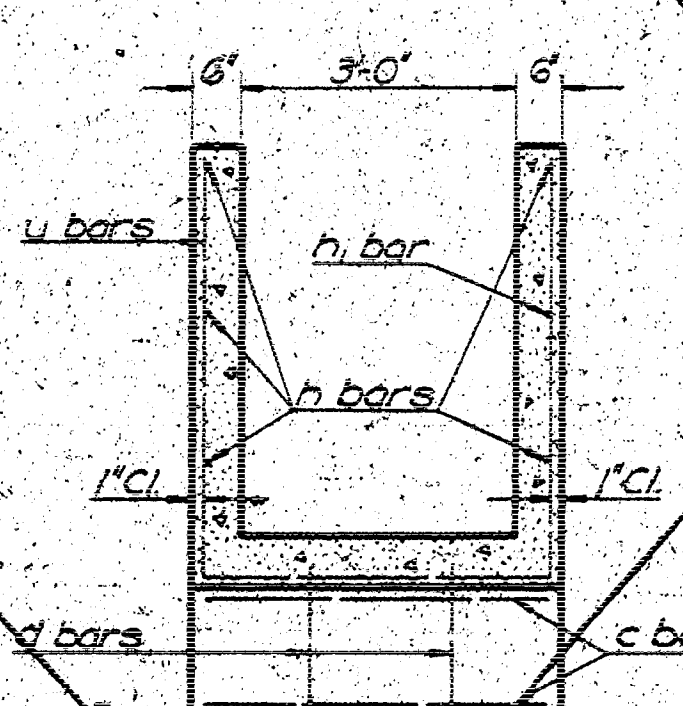
RT STA. 198+00



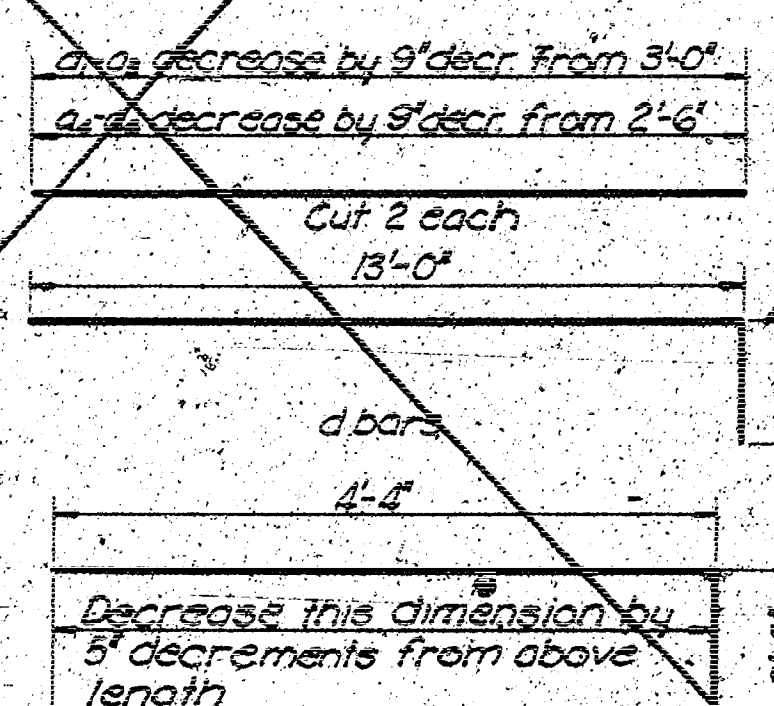
SECTION B-B



END ELEVATION



SECTION A-A



BENDING DIAGRAMS
All dimensions are cut to cut of bars.
All bars are No. 4.

Notes: See Sta. No. for General Note.

BAR LIST	
Bar	a
Number	12
Length	3'-9"

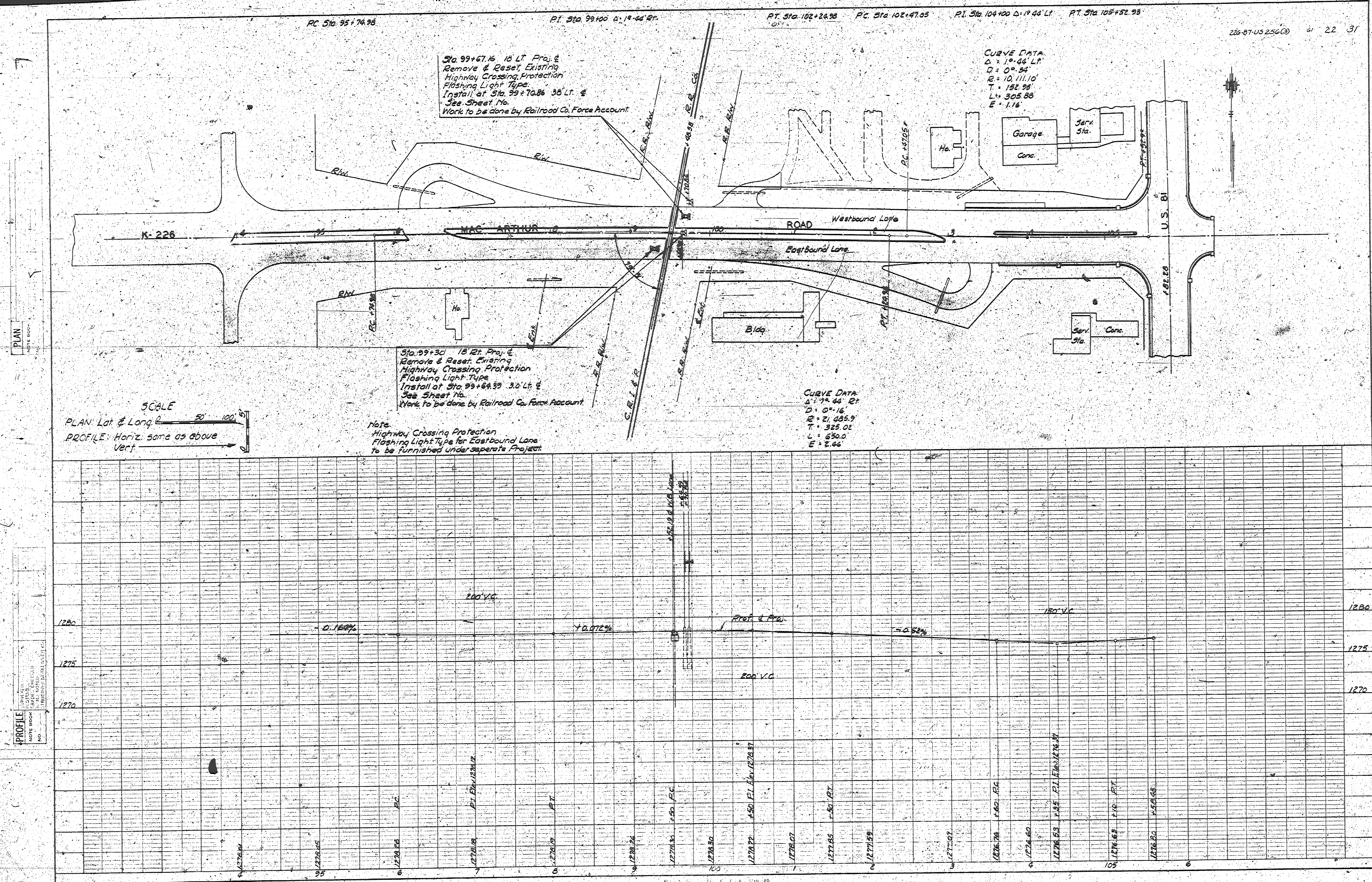
QUANTITIES	
Class "A" Concrete	4.0 CY
Reinf. Steel	230 Lbs
Class "B" Exc.	21 CY

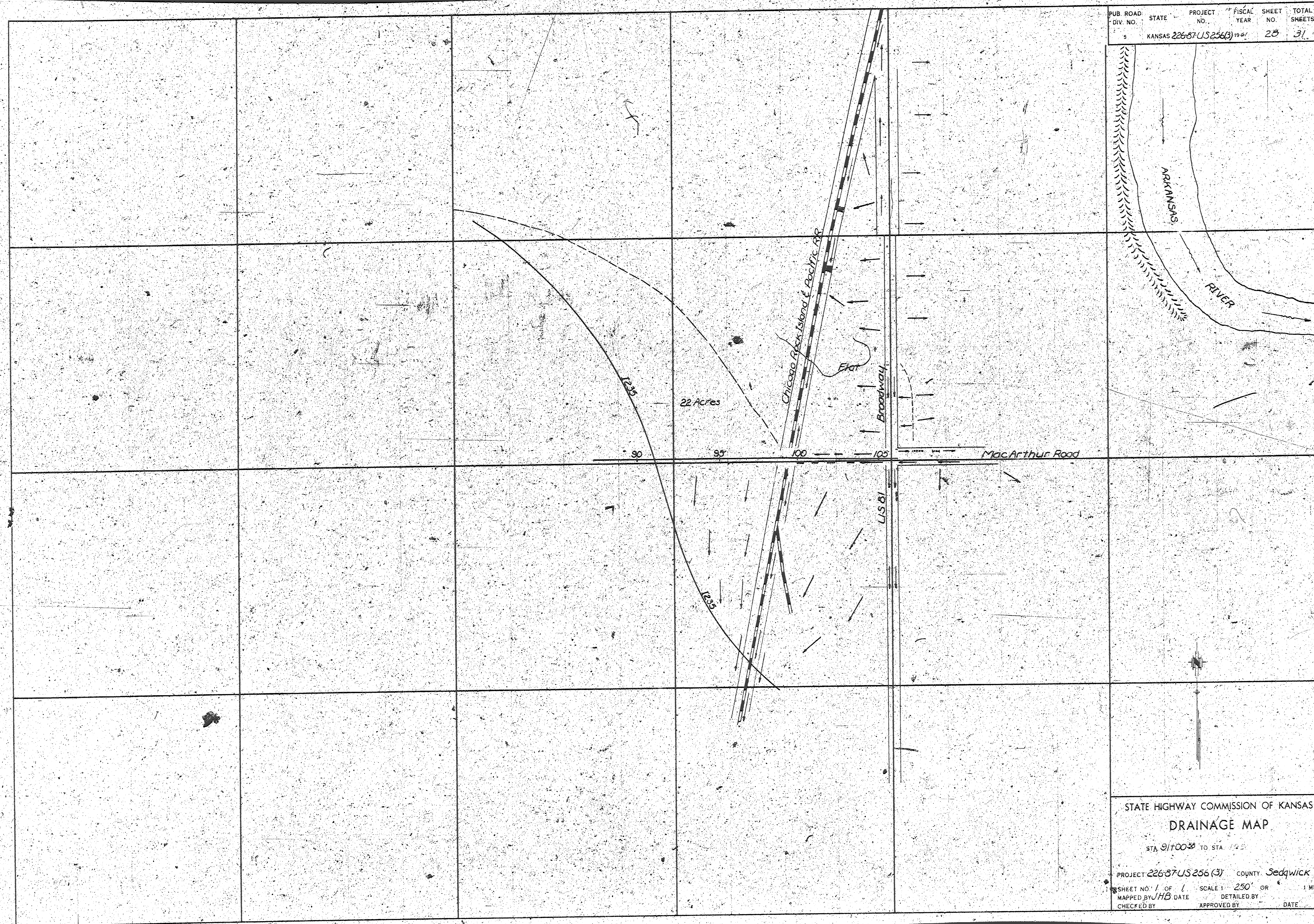
STATE HIGHWAY COMMISSION OF KANSAS

DITCH INLETS

SHEET NO. 1 OF 1

DESIGNED BY M.K. DRAWN BY M.K. CHECKED BY M.K. APPROVED BY M.K.





PUB. ROAD	STATE	PROJECT	FISCAL	SHEET	TOTAL
DIV. NO.	NO.	NO.	YEAR	NO.	SHEETS
5	KANSAS	22637US256(3)	1941	20	31

STATE HIGHWAY COMMISSION OF KANSAS
DRAINAGE MAP
STA. 91+00 TO STA. 105+00
PROJECT 22637US256(3) COUNTY Sedgwick
SHEET NO. 1 OF 1 SCALE 1" = 250' OR 1 MILE
MAPPED BY/HB DATE DETAILED BY
CHECKED BY APPROVED BY DATE