

STATE OF KANSAS
STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

SEDGWICK COUNTY
INTERSTATE 235
ACCESS CONTROL

PROJ. NO.	STATE	PROJECT	FISCAL YEAR	SHEET	TOTAL SHEETS
235-871-235-1(12)58	KANSAS		1960	1	39

GRADING
BRIDGES
SEEDING

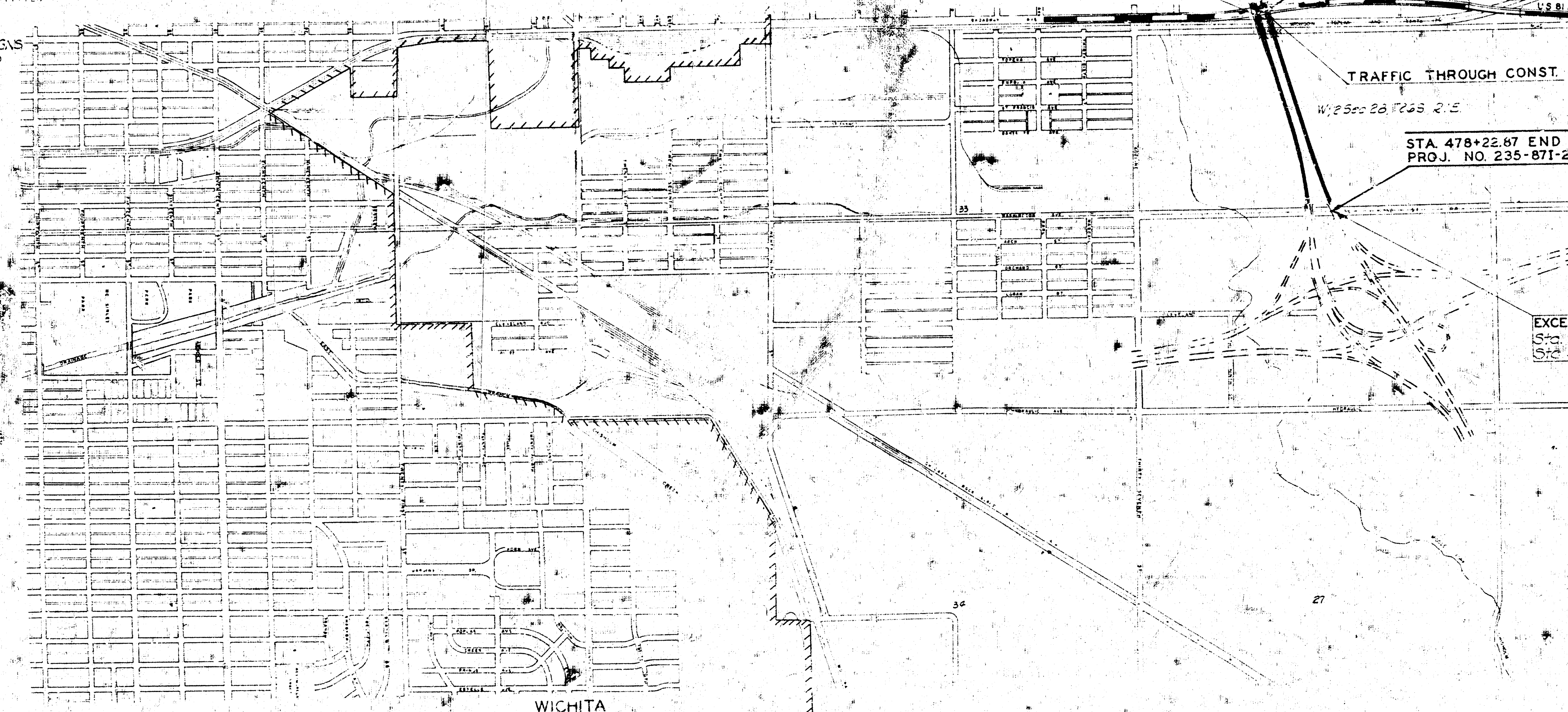
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	GENERAL NOTES
4-5	PLAN & PROFILE
6	GEOMETRIC LAYOUT NORTH DIRECTIONAL INTERCHANGE
7	CONTOUR GRADING SHEET
8	CONC. DITCH INLETS TYPE I & II
9	CONC. DITCH INLETS TYPE III
10	STANDARD TRAIN DETAILS
11	METAL END SECTION
12	CONC. END SECTION
13-14	BRIDGE NO. 25-87-24-90 N.B.
15-16	BRIDGE NO. 25-87-24-90 S.B.
17	HANDRAIL DETAILS
18	STANDARD PILE DETAILS
19	TYPICAL LIGHT STANDARD SUPPORT DETAILS
20	BRIDGE EXCAVATION
21	SUPPORTS AND CRACERS FOR REINFORCING STEEL
22	CONSTRUCTION TRAFFIC CONTROL
23	SUMMARY OF QUANTITIES
24	SUMMARY OF COMPUTED EARTHWORK QUANTITIES
25	DRAINAGE AREAS
26	TRANSITION CONTROL-SEEDING
27	CONSTRUCTION IDENTIFICATION SIGNS
28-29	REINFORCED CONCRETE RIPRAP

DESIGN DESIGNATION

ADT (1957) = 1770
ADT (1975) = 7075
DHV = 920
D = 60%
T = 5%
V = 60 MPH
C OF A = FULL

R.W. & P.E. obtained under
act 235-87-235-1(12)49



WICHITA

GROSS LENGTH OF PROJECT 2950.05 FT. (SC. HBOUND ROADWAY)

EXCEPTIONS 52.75 FT

ADDITIONS 765.75 FT

NET LENGTH OF PROJECT 2973.87 FT. 0.563 MILES

NET LENGTH OF BRIDGES 438.59 FT. 0.083 MILES

NET LENGTH OF ROAD 2535.28 FT. 0.480 MILES

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

PLANS PREPARED BY DATE JAN 1960

WILSON & COMPANY
ENGINEERS-ARCHITECTS

ENGINEER OF DESIGN
STATE HIGHWAY COMMISSION OF KANSAS

ENGINEER
BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE

STATE HIGHWAY ENGINEER
STATE HIGHWAY COMMISSION OF KANSAS

DISTRICT ENGINEER
BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE

PLAN	DATE	BY	CHKD	APP'D
DESIGNED				
NOTED				
CHECKED				
APPROVED				
DATE				
BY				
CHKD				
APP'D				

PROFILE	DATE	BY	CHKD	APP'D
DESIGNED				
NOTED				
CHECKED				
APPROVED				
DATE				
BY				
CHKD				
APP'D				

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 ROADWAY 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, REPAIRED OR MOVED BEYOND THE LIMITS OF THE ROADWAY 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 OTHERWISE NOTED.

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. PROVIDE A MINIMUM VERTICAL CLEARANCE OF 14 FEET 6 INCHES. 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: $\times$ *Spare All Trees Not Marked.* ALL ADDITIONAL RIGHT-OF-WAY SHALL BE FURNISHED BY THE STATE UNLESS OTHERWISE NOTED.

Grading Contractor shall complete all roadway excavation and embankment in the vicinity of bridge prior to the construction of the abutments and piers. Pier 5 shall be constructed prior to completion of embankment.

Scale
PLAN: Lat & Long. 1" = 30' 0"
PROFILE: Horiz. Same as Above
Vert. 1" = 5'

SEA LEVEL DATUM

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

1330
1320
1310
1300

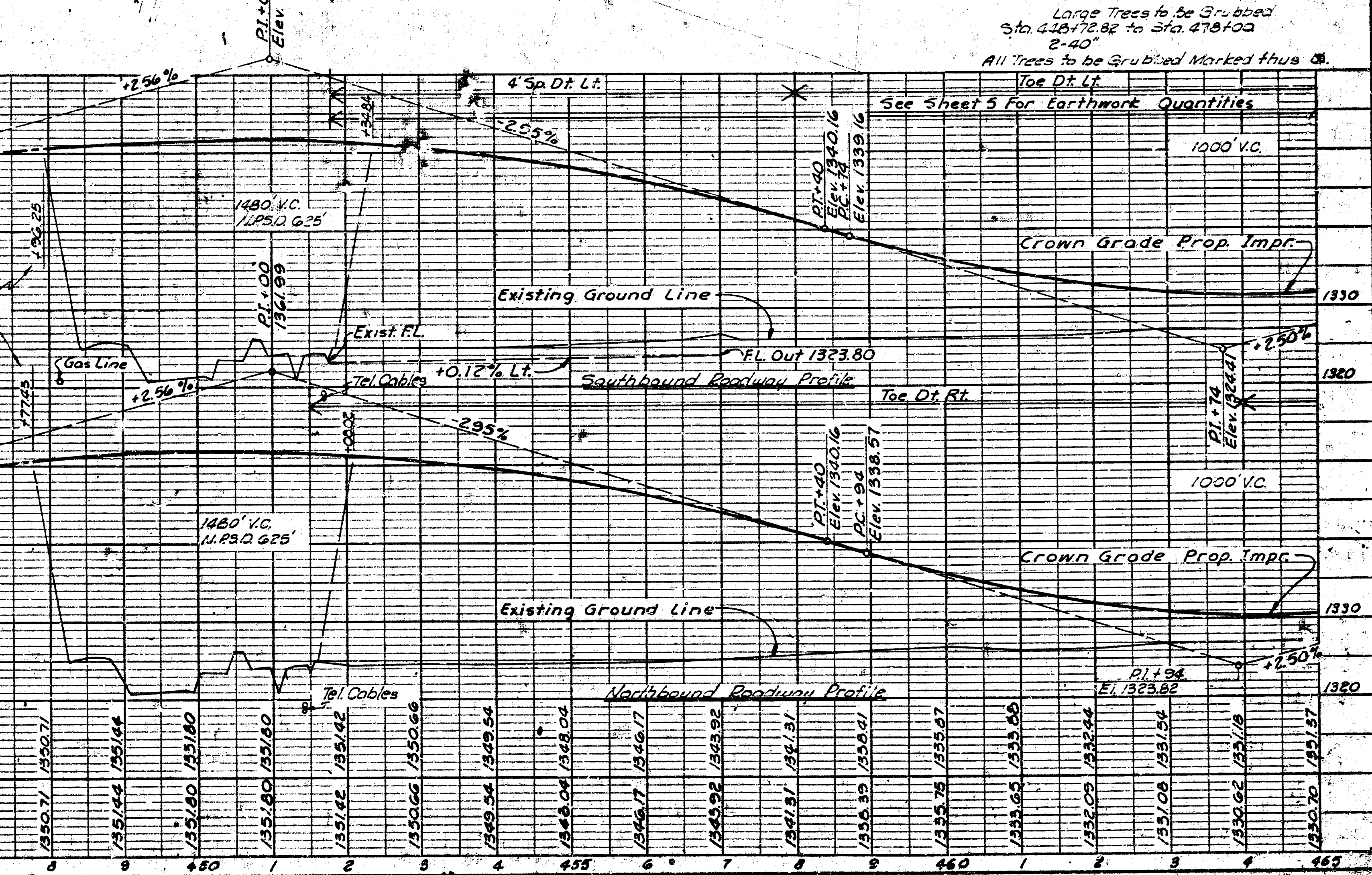
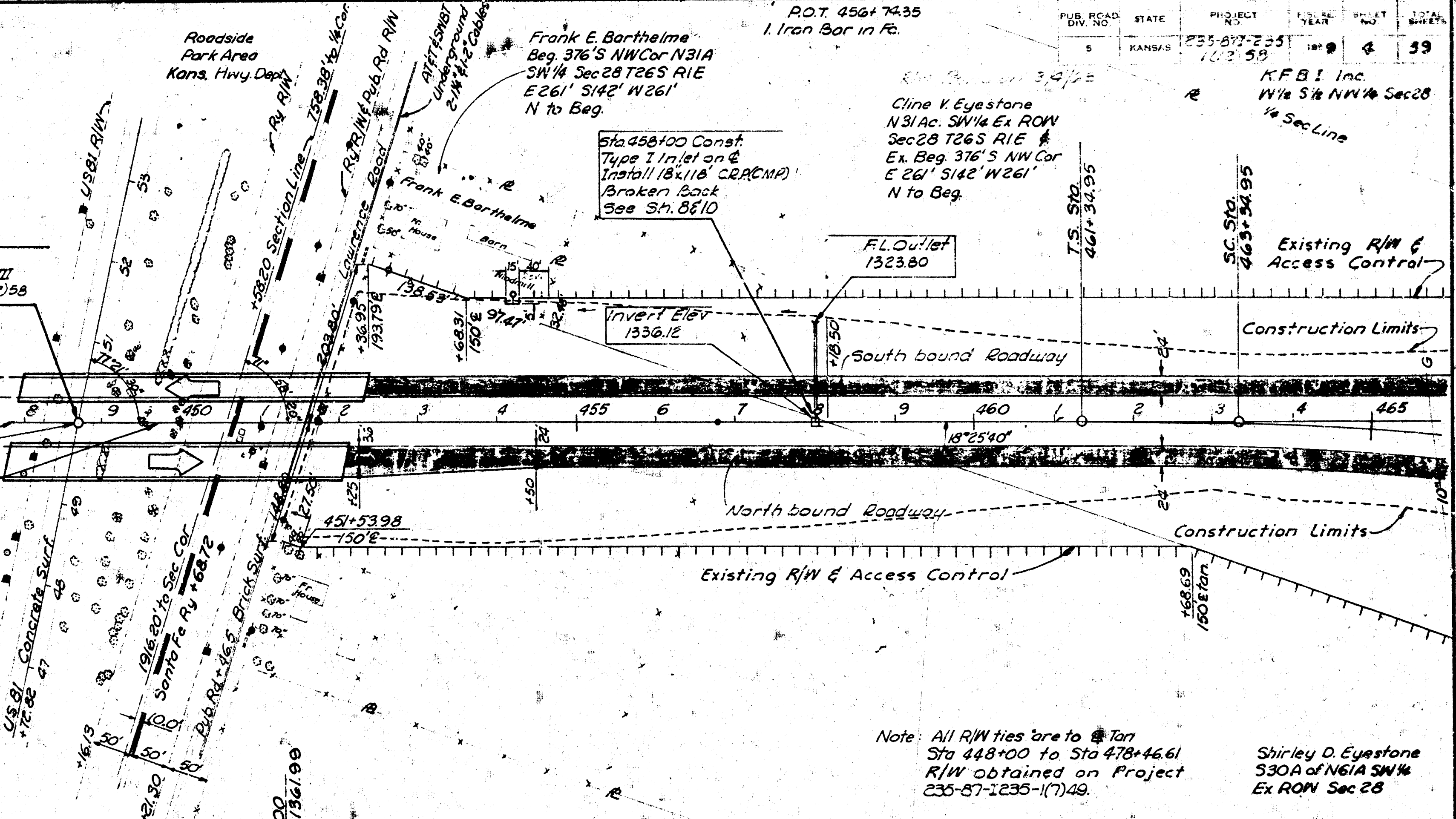
ROT 344547230
1.5A Iron Bar
2. W.S.W. Spk. in R. Pole 3402.
3. W.N.W. Spk. in R. Pole 4181.
4. N. Spk. in R. Pole 454.

Sta 448+72.32 END
Proj No 235-571-235-112-99 P.I. III
BEGIN Proj No 235-571-235-112-99

ADDITION
Sta 448+72.32 to
Sta 448+72.32-85.95

Sta 448+771.1 Const
Br. No. 335-57-2490
45-54-39-45-39-57 R.O. H.3
41 Northbound Roadway
43-54-58-58-58-37 R.O. H.3
30 Southbound Roadway
See Sheets 13 & 22

B.M. 144 Iron Bar
153.24 Sta 450+52
Elev 1323.58



Note: All R/W ties are to 700
Sta 448+00 to Sta 478+66.1
R/W obtained on Project
235-57-1235-117-49

Shirley D. Eyestone
530A of N61A SW 1/4
Ex R/W Sec 28

Large Trees to be Grubbed
Sta 448+72.32 to Sta 478+00
3-40'

All Trees to be Grubbed Marked thus: $\times$

See Sheet 5 for Earthwork Quantities

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

1000' V.C.

Crown Grade Prop. Impr.

12.50%

