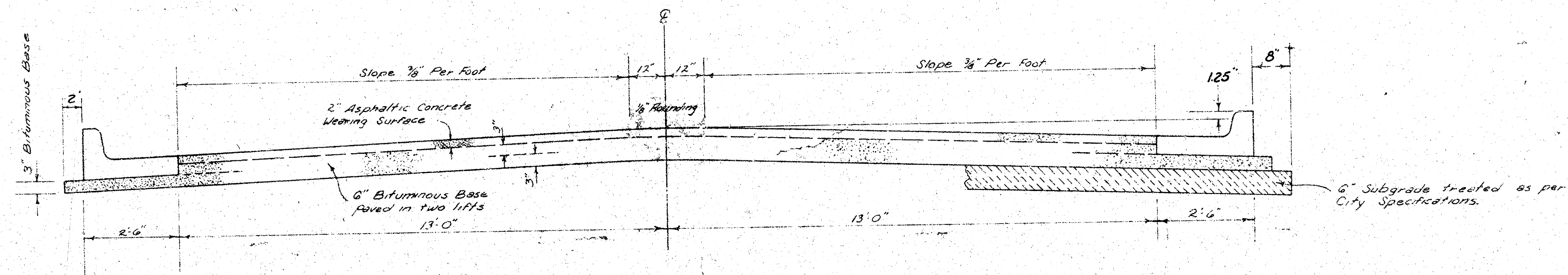


WESTRIDGE DRIVE

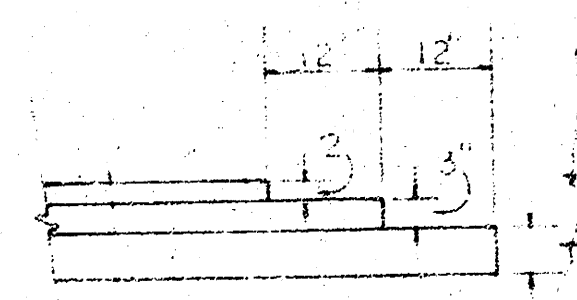


TYPICAL SECTION

3' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

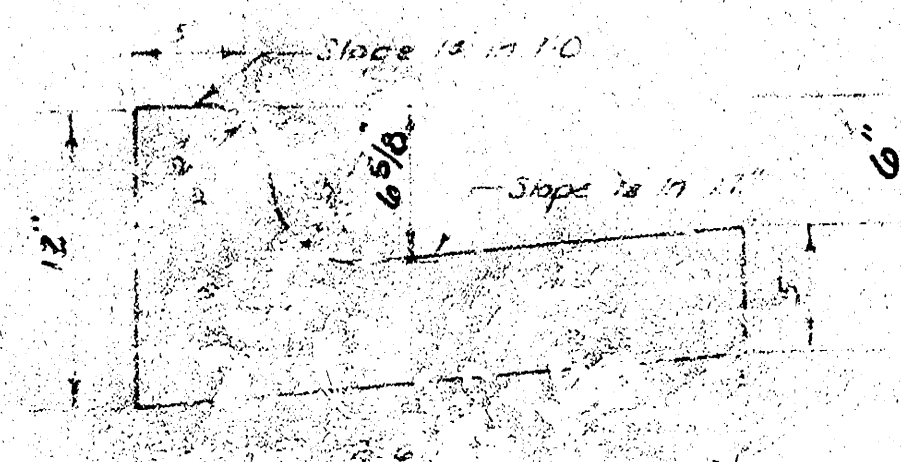
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



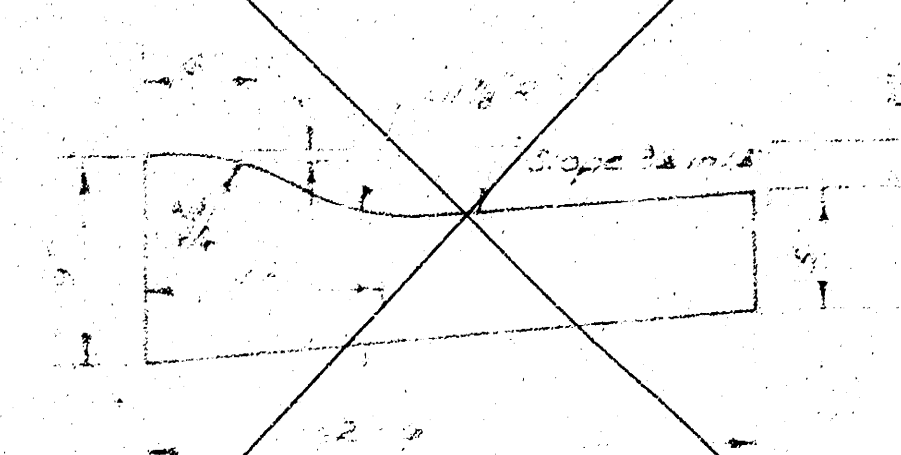
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

The A.C. pavement between the Comb. Curb & Gutter shall be paid as 3a. Yes. 2" A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as 3a. Yes. 3" Bituminous Base.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA, KANSAS

DEPARTMENT OF ENGINEERING

DATE: _____

B-M

FILMED FROM THE BEST AVAILABLE COPY.....

BM 132.80 SW cor. conc. porch, house no. 2116 Westridge
 BM 135.93 Brass Plug top south hub guard, SW cor. bridge on 21st
 on Big Arkansas River.
 BL is $\frac{1}{4}$ Westridge Drive.

$\Delta = 310241^\circ$ $R = 332.76$ $T = 92.42$ $L = 180.30$ $L.C. = 178.10$

STA	ARC	CHORD LENGTH	CHORD BEARING	DEFLECTION	TOTAL DEFLECTION
1120.70	—	—	—	—	0°00'00"
1150	29.30	31.33	2°31'21"	2°31'21"	2°31'21"
1175	25.00	26.73	2°09'08"	4°40'29"	4°40'29"
2100	—	—	—	—	6°49'37"
2125	—	—	—	—	8°58'45"
2150	—	—	—	—	11°07'53"
2175	25.00	26.73	2°09'08"	13°17'01"	13°17'01"
3101	26.00	27.80	2°14'20"	15°31'21"	15°31'21"

Defl $m = 3.165504825$

$\Delta = 392518^\circ$ $R = 332.46$ $T = 119.11$ $L = 228.74$ $L.C. = 224.26$

CURVE DATA BASED ON Const. line RAD. $\Delta = 194237^\circ$

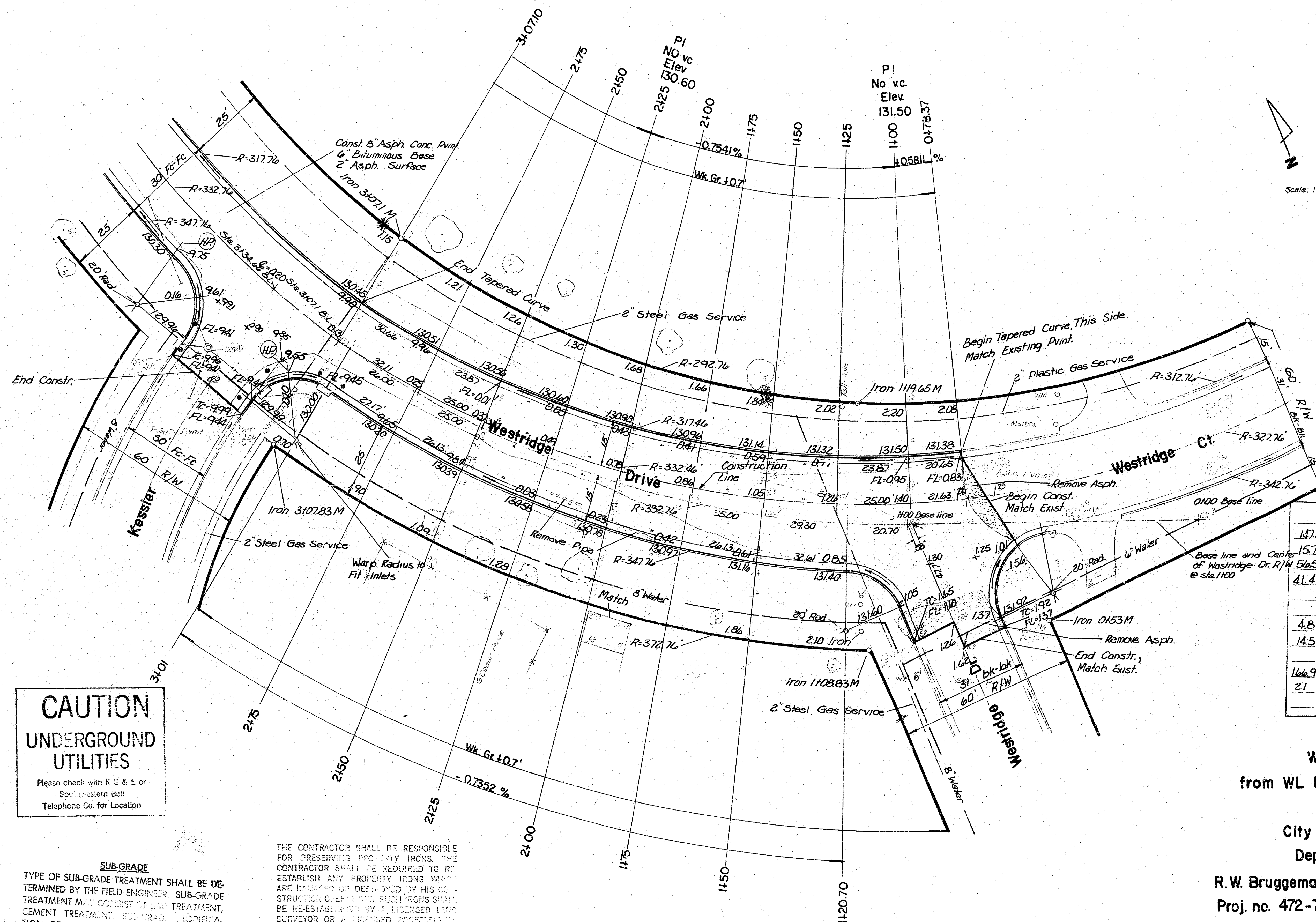
STA	ARC	CHORD LENGTH	CHORD BEARING	DEFLECTION	TOTAL DEFLECTION
0487.37	—	—	—	—	0°00'00"
1100	21.63	20.13	1°51'50"	1°51'50"	1°51'50"
1125	25.00	23.27	2°09'15"	4°01'05"	4°01'05"
1150	—	—	—	—	6°10'20"
1175	—	—	—	—	8°19'35"
2100	—	—	—	—	10°28'50"
2125	—	—	—	—	12°38'05"
2150	—	—	—	—	14°47'20"
2175	25.00	23.27	2°09'15"	16°56'35"	16°56'35"
3107.10	32.11	29.89	2°46'02"	19°42'37"	19°42'37"

Defl $m = 5.170165991$

Earthwork

	Prop.	City
Excavation	1773.8 cy	911 cy
+ 10%	177.4 cy	91.0 cy
Total	1951.2 cy	1002 cy

Manipulation 2252.3 sy



INTERSECTION QUANTITIES

S.Y.	Concrete Pavement
1421	S.Y. 8" 1" Bituminous Base
157	S.Y. 3" 1" Bituminous Base
565	L.F. Concrete Curb & Gutter
41.4	S.Y. Asphalt Removed
—	S.E. 4" Wheelchair Ramp
—	S.E. 4" Walk
4.8	C.Y. Concrete
14.5	C.Y. Concrete
—	Lbs. Reinforcing Steel
166.9	S.Y. Manhole
2.1	Tons Lime Groutment
—	S.Y. V.G. 1" Concrete & 1" Asphaltic Concrete Base

Westridge Drive
 from WL lot9 Scenic Heights Addn.
 to SL 21st st.
 City of Wichita, Kansas
 Dept of Engineering
 R.W. Bruggeman Dir of Eng./City Engineer
 Proj. no. 472-76-245-81019-000-000-001

CAUTION
UNDERGROUND
UTILITIES
 Please check with K & E or
 Spaulding Bell
 Telephone Co. for Location

SUB-GRADE
 TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SANDGRAD, FORTIFICATION, OR ANY COMBINATION OF THESE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

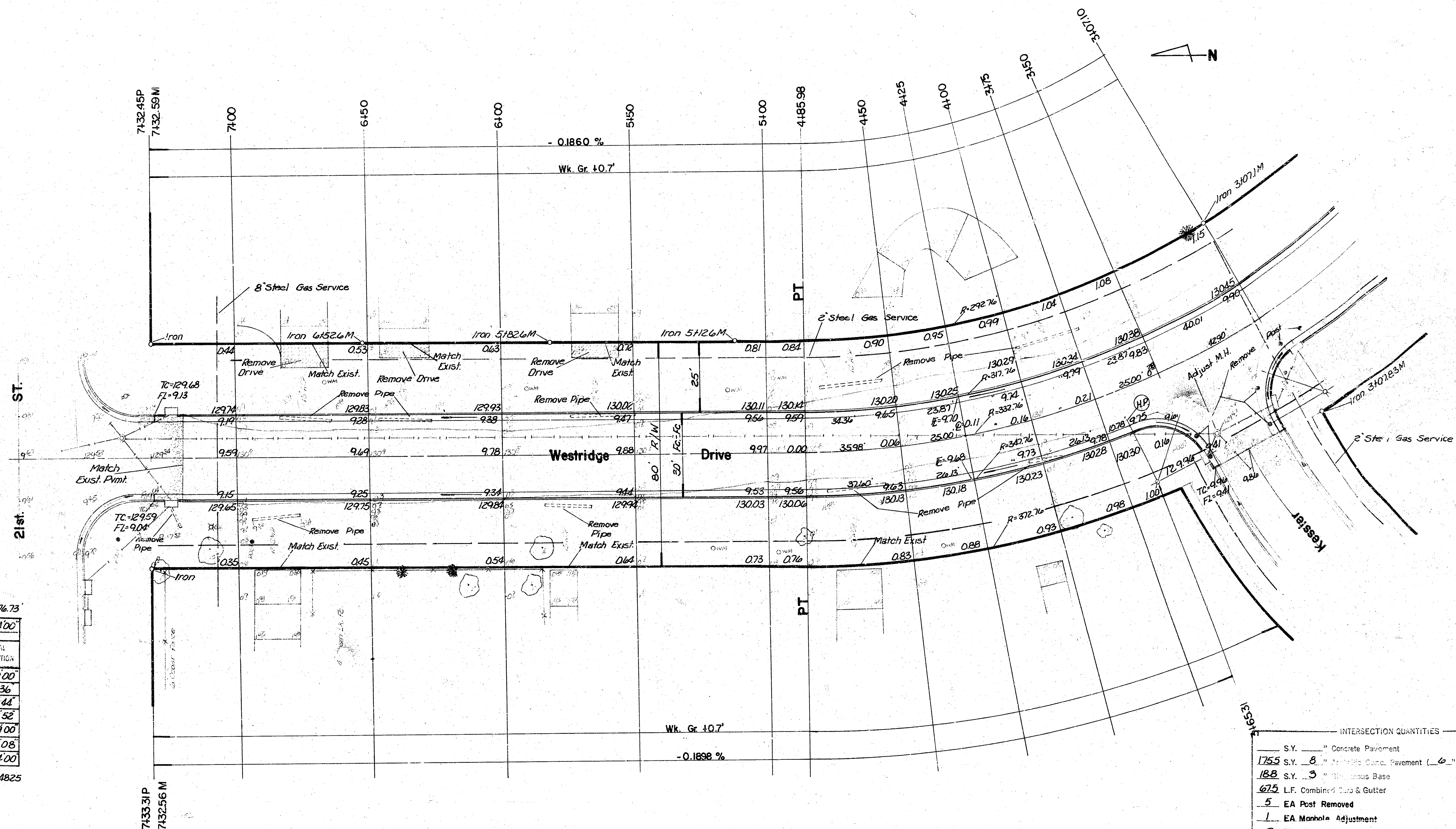
- Notes**
- 1) Field Engineer to make ties to all irons. Irons disturbed or destroyed are to be replaced.
 - 2) $\square$ Denotes Removal.
 - 3) Contractor to Contact all Utilities for exact location of service lines.
 - 4) Cost of Reinforcing Steel is incidental to Cost of Driveways.
 - 5) No more than 8-20 Drives to be Constructed.

$\Delta = 30^\circ 48'$ $R = 332.76'$ $T = 91.68'$ $L = 178.88'$ $L.C. = 176.73'$

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\Delta = 15^\circ 24'00''$

STA.	ARC	CHORD	CHORD BEARING	DEFLECTION	TOTAL DEFLECTION
3107.10	—	—	—	—	0°00'00"
3150	42.90'	44.80'	39.00'	3°41'36"	3°41'36"
3175	25.00'	26.73'	23.27'	2°09'08"	5°50'44"
4100	—	—	—	—	7°59'52"
4125	—	—	—	—	10°09'00"
4150	25.00'	26.73'	23.27'	2°09'08"	12°18'08"
4185.98	35.98'	38.47'	33.49'	3°05'52"	15°24'00"

Defl. $\frac{1}{2}$ $\Delta = 5.165504825$



INTERSECTION QUANTITIES

S.Y.	Concrete Pavement
1755 S.Y.	8\"/>
188 S.Y.	3\"/>
675	L.F. Combined Curb & Gutter
5	EA Post Removed
1	EA Manhole Adjustment
2	EA Inlet Adjustment
86.3	C.Y. Excavation
16.3	C.Y. Compaction Fill
2	EA Inlet Hookups
1992 S.Y.	Asphalt Concrete Base
2.5	Tons Lime or Cement
S.Y. V.G.	Concrete & Asphalt Concrete Base