

STREET IMPROVEMENTS FOR JULIA STREET

FROM THE NORTH LINE OF KELLOGG DRIVE TO THE NORTH LINE OF TAFT AVENUE

GENERAL NOTES

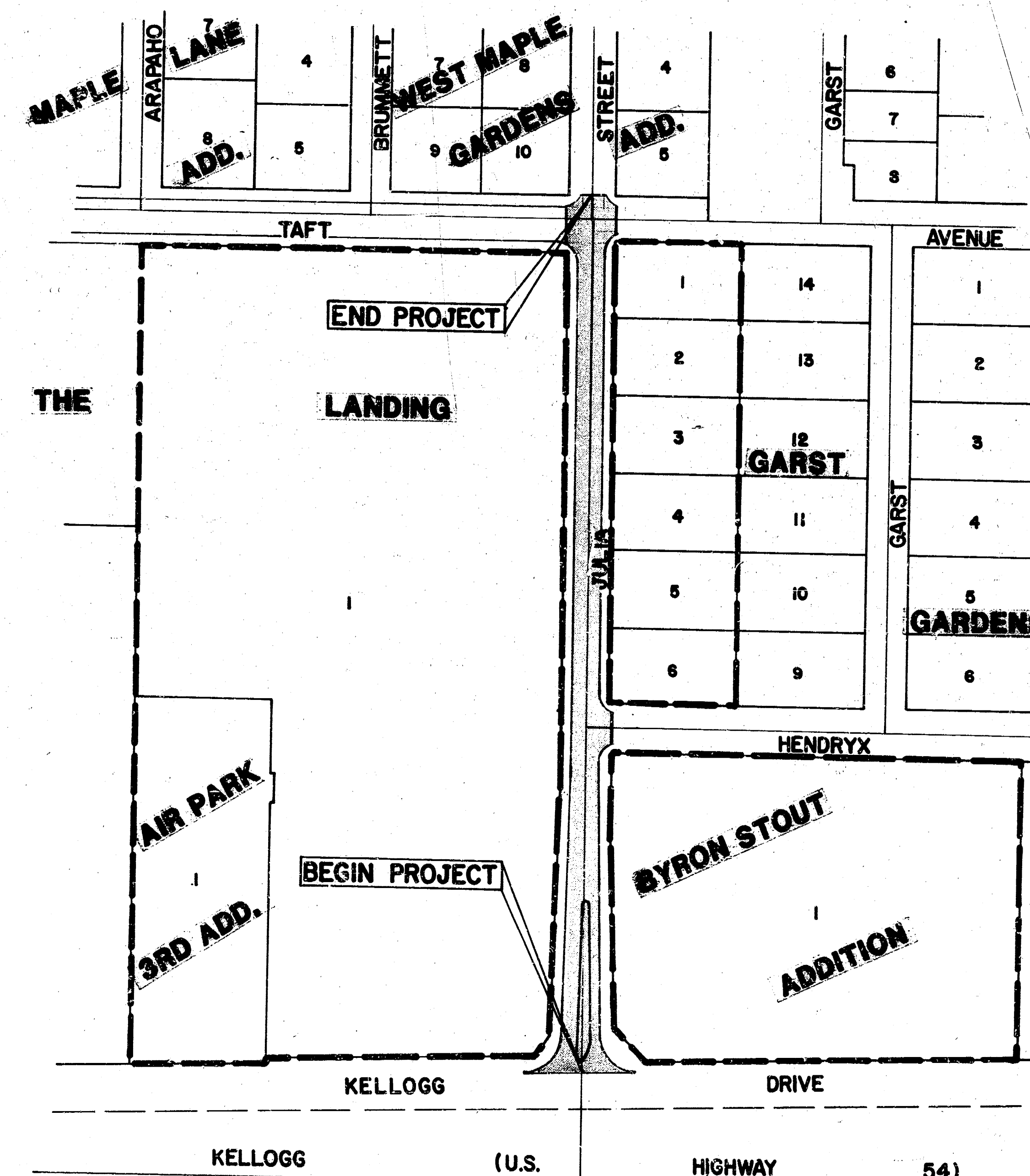
1. Utility, i.e., lines, poles, valve boxes, meters, and structures are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
2. Rubble from the removal of miscellaneous structures and access excavations which is to be sorted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Location that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.
3. The City of Wichita's Sewer Maintenance Division of the Department of Water and Sewer Pollution Control has tolerated encroachment within the limits of the project and has found no defects requiring repair. The Division shall be notified and afforded the opportunity to re-tolerance every time after subgrade work has been completed and prior to pavement construction to determine if such encroachment has been damaged by the Contractor's operations. Damaged sewer lines will be repaired by the Contractor, as directed by the Engineer, at the Contractor's expense. Tolerance logs are available for inspection by the Contractor during normal office hours at the Sewer Maintenance Division's office at City Hall.
4. No more than 8' drive 24' feet in width, or equivalent combinations thereof, are to be constructed with this project.
5. Sidewalks within the limits of the project shall be removed and replaced by the Contractor as approved by the Engineer. Contractor will be required to make satisfactory provisions for mail delivery to properties affected by this project during its construction.
6. Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then sloped up or down using permissible slopes to match the existing ground surface.
7. Contractor shall give property owners notice; this project, since yards will be lower than the new finished grade elevations at the right-of-way line, an opportunity to utilize encroachment material from the project to replace their yards to grade to the new pavement. Contractor will be required to dump and spread the encroachment material as required by the specification when requested by the property owner. The Contractor shall ascertain that a dirt order form has been properly executed by the property owner before any such encroachment material is delivered to such properties.
8. The Contractor shall be responsible for preserving property lines. The Contractor will be required to re-establish property lines which are damaged or destroyed by his construction operations. Such lines shall be re-established by a licensed land surveyor in accordance with state law.
9. Driveway widths and locations shown on the plans are tentative. Contractor will be required to obtain properly executed driveway request form signed by property owner or his authorized representative verifying such driveway widths and locations. Such forms shall be submitted to the Engineer for his review and approval.
10. The Contractor shall adjust Water Valve boxes and Fire Hydrants as directed by the Engineer at the price bid for said adjustments. The Water Department shall field locate water valves on line during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrants damaged during construction shall be repaired by the contractor at his own expense.
11. The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.
12. The Contractor shall coordinate construction from state. (DWS-81 with Taft Avenue Improvements, proj. #472-76-245-81737-000-000-001. Construction of the project shall not begin prior to completion of Lines 1 and 3. S.M.S. #551, proj. #468-76-245-81737-000-000-001.

PROJECT NUMBER

472-76-245-81737-000-000-001

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK CITY ENGINEER

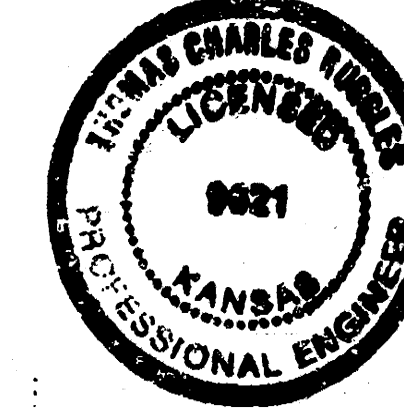
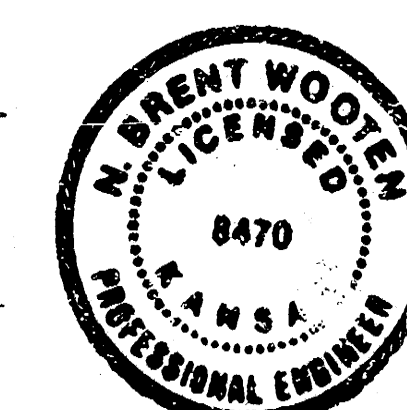


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BENCH MARKS

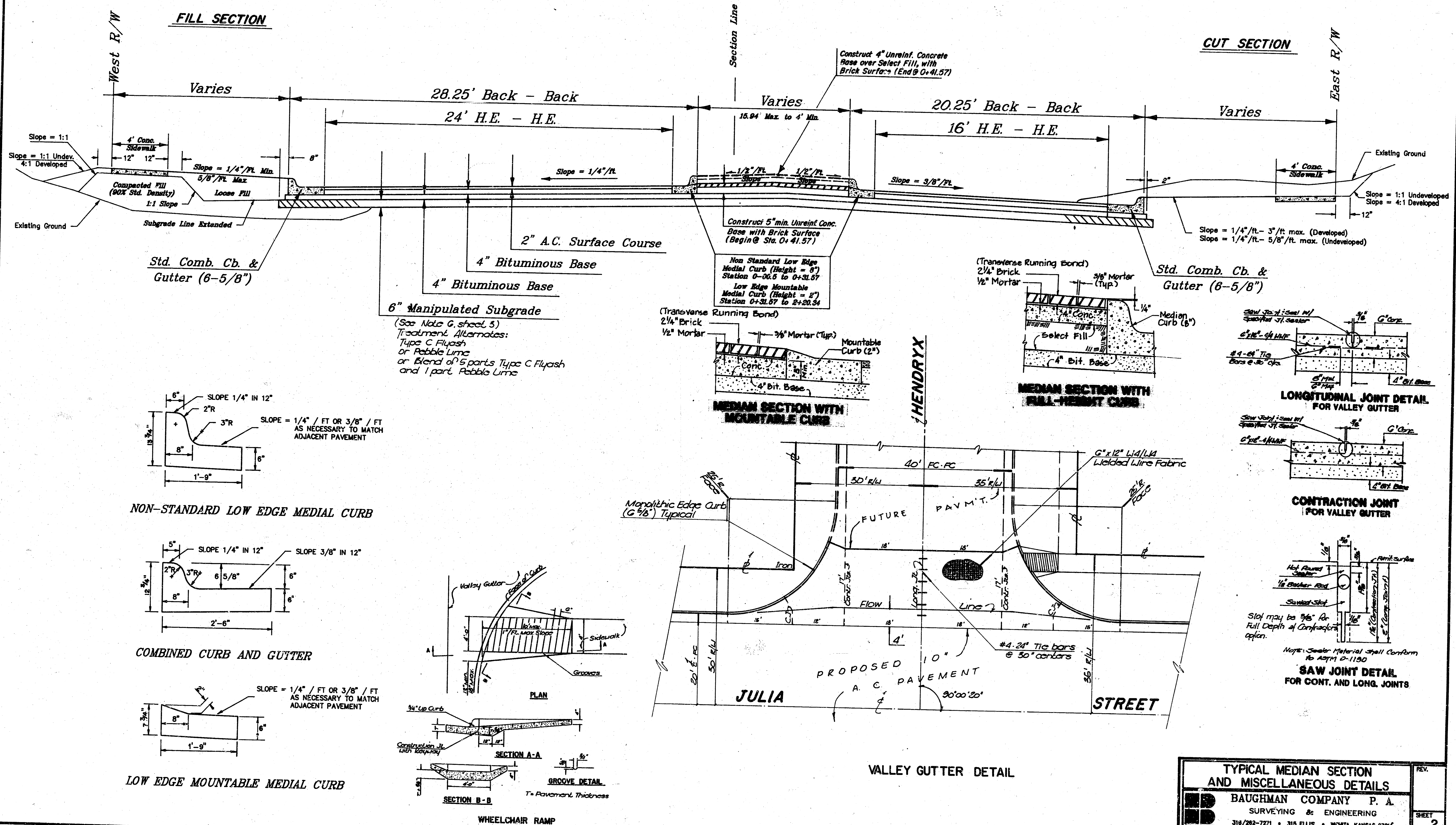
- No. 1: Railroad spike in West Rice Power Pole 23' E. & 23.5' S. of E. Hendryx and Julia City Datum Elevation 118.30
- No. 2: Railroad spike in South Rice Power Pole 121' E. of East line Garst & 25' N. of Taft City Datum Elevation 118.97
- No. 3: Railroad spike in Power Pole @ the Southwest Corner of Wichita Inn City Datum Elevation 121.70



STREET IMPROVEMENTS FOR JULIA STREET					
BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING 316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211				REV.	
PROJECT NUMBER 472-76-245-81737-000-000-001				SHEET 1	
DESIGN C. Bohm	DRAWN R.J. Plush	APPROVED N.B. Loder	DATE April 1988	SCALE 1" = 150'	10

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JULIA TYPICAL MEDIAN SECTION STA. 0+00.50 TO STA. 2+20.84

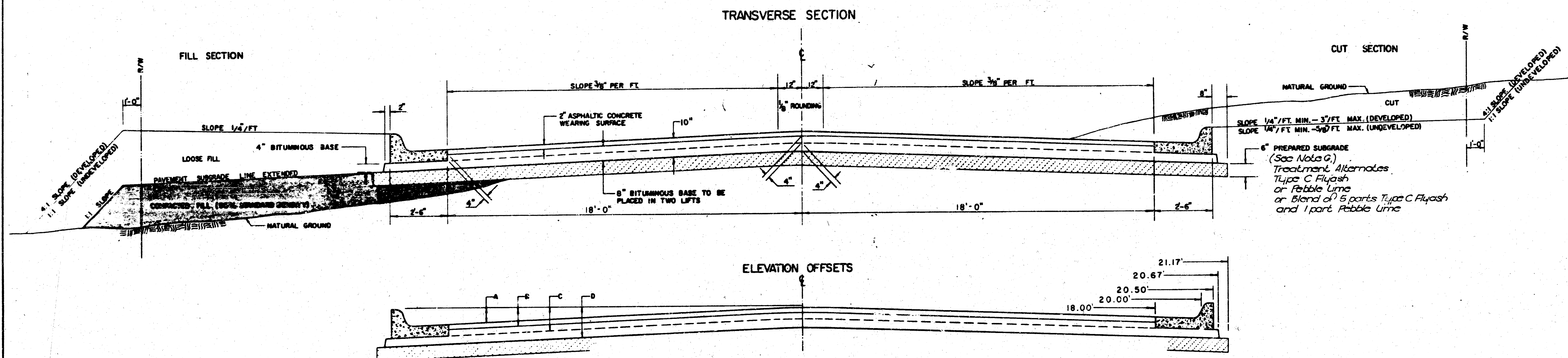


TYPICAL MEDIAN SECTION AND MISCELLANEOUS DETAILS					REV.
BAUGHMAN COMPANY P. A.					SHEET 2 OF 10
SURVEYING & ENGINEERING					
318/282-7271 • 315 ELLIS • WICHITA, KANSAS 67201					
DESIGN	DRAWN	APPROVED	DATE	SCALE	
	CMB			1" = 3'	

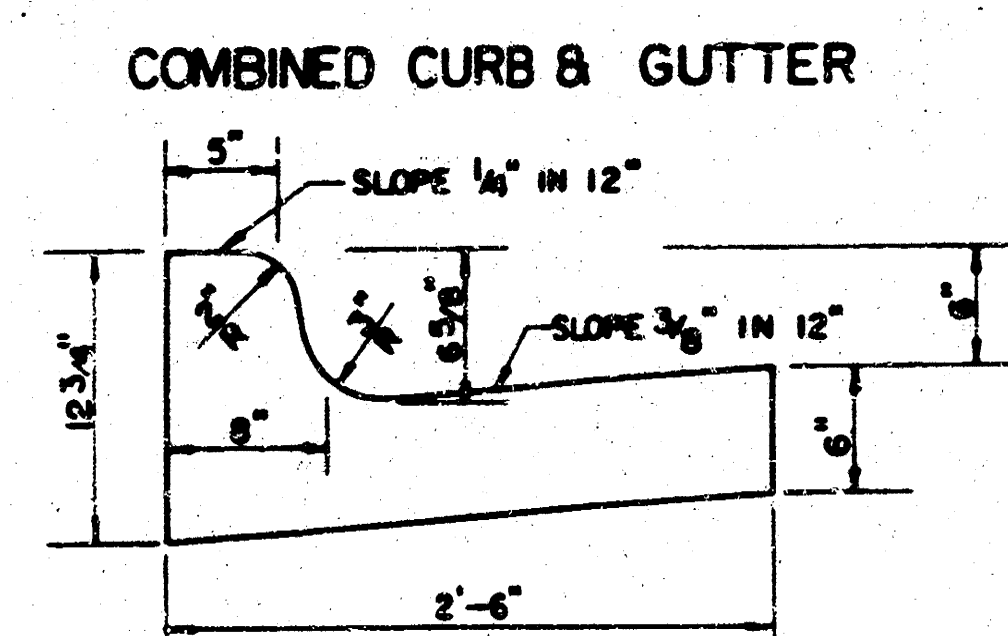
PROJ. NO. 472-76-245-81737-000-000-001

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TYPICAL 4' PAVEMENT DETAILS STA. 4+00.00 TO STA. 10+89.91



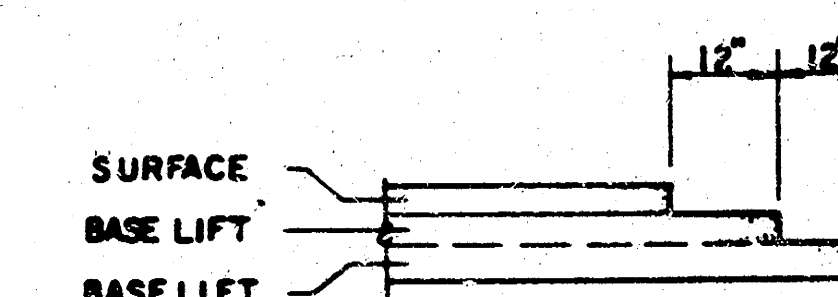
	DISTANCE FROM CENTERLINE (LT. & RT.)													
	0	2	4	6	8	10	12	14	16	18	20	20.5	20.67	21.17
A. TOP OF CURBS TO TOP OF SURFACE LIFT	-.05	-.01	.05	.11	.18	.24	.30	.36	.43	.49	—	—	—	—
B. TOP OF CURBS TO TOP OF UPPER BASE LIFT	.11	.16	.22	.28	.34	.40	.47	.53	.59	.65	—	—	—	—
C. TOP OF CURBS TO TOP OF LOWER BASE LIFT	.44	.49	.55	.61	.67	.73	.80	.86	.92	.98	1.05	1.06	1.07	—
D. TOP OF CURBS TO TOP OF SUBGRADE	.69	.74	.80	.86	.92	.98	1.05	1.11	1.17	1.23	1.30	1.31	1.32	1.33



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 10" ASPHALTIC CONCRETE (8" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 4" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) ALL TREATMENT ALTERNATES SHALL BE BID. THE TYPE OF TREATMENT TO BE USED SHALL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. TREATMENT WILL BE PAID FOR AT THE PRICE BID FOR THE TYPE USED.

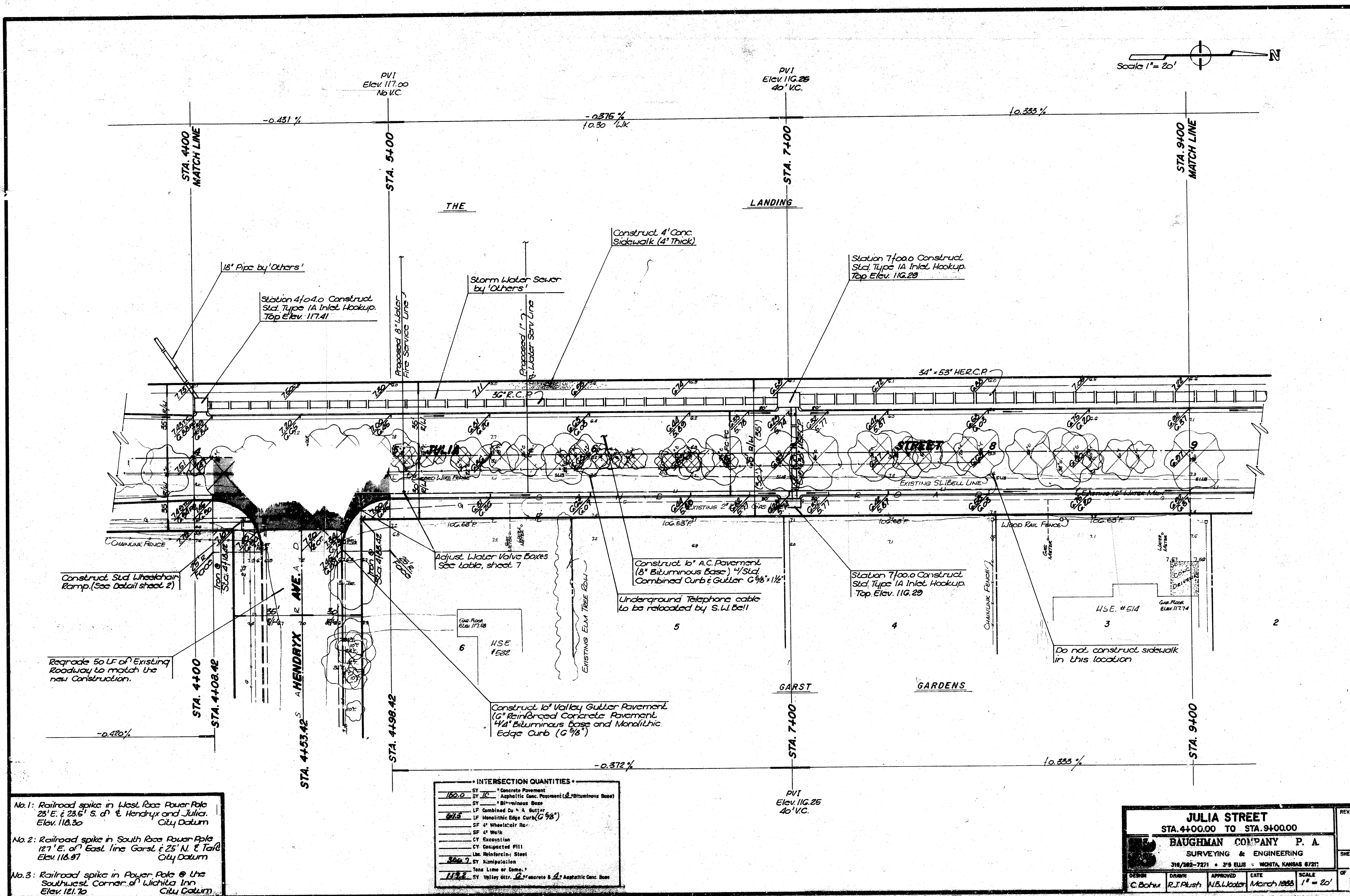
TRANSVERSE CONSTRUCTION JOINTS



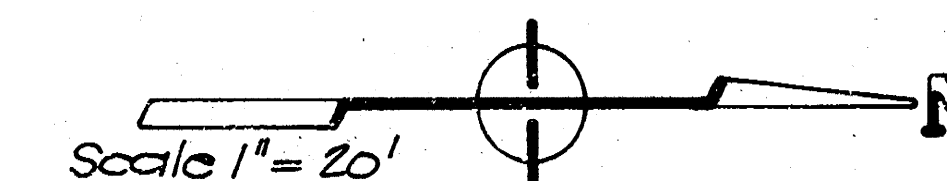
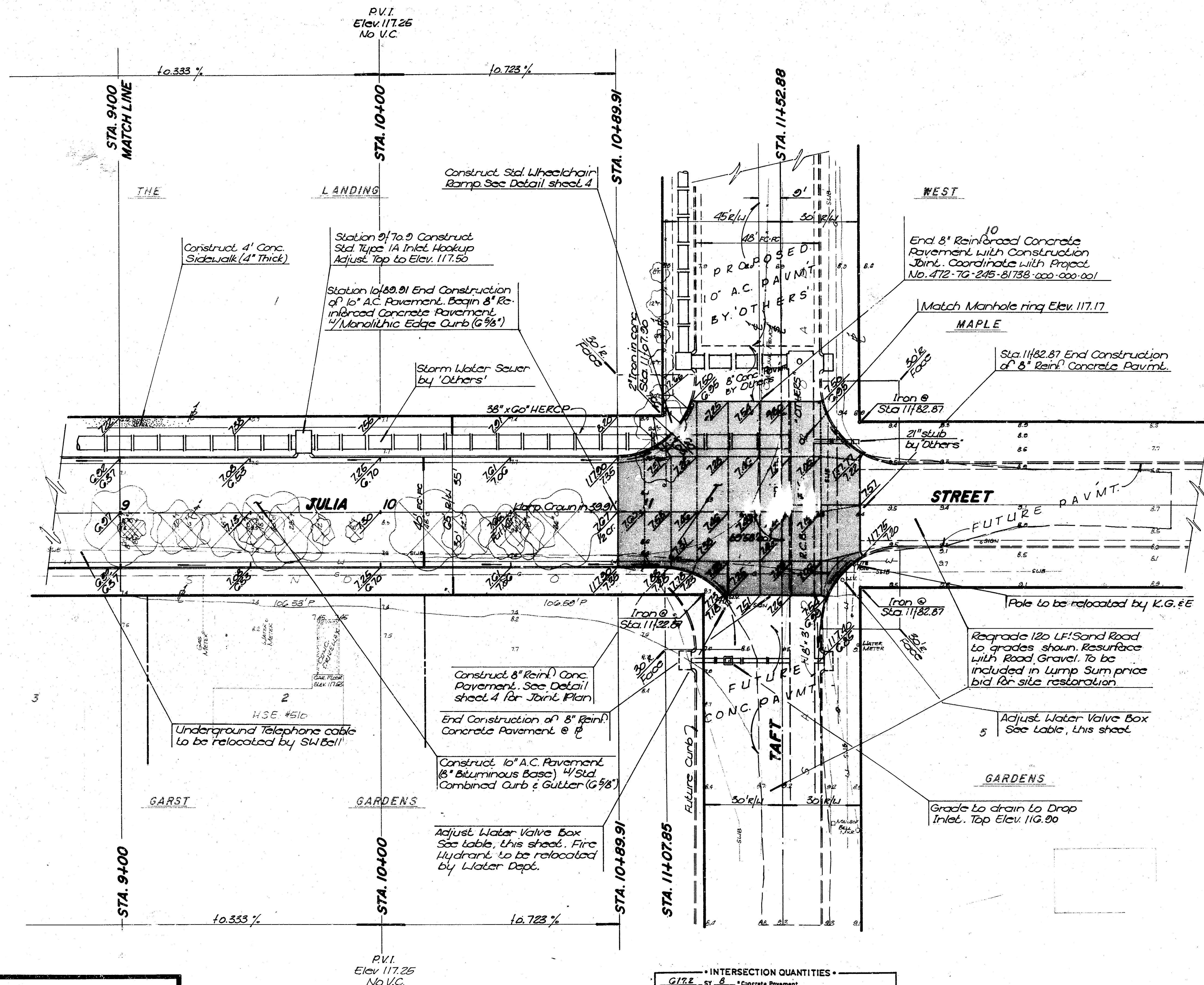
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 10" ASPHALTIC CONCRETE (8" BITUMINOUS BASE).

10 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 8 INCH BITUMINOUS BASE 3
CITY OF WICHITA, KANSAS 10
PROJ. NO. 472-76-245-81737-000-000-001

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WATER VALVE BOX SCHEDULE

Station	Dist. L. & R.	Exist. Elev.	Finish Elev.
0+07.7	15.4' (Rt.)	118.29	118.90
0+08.2	21.0' (Rt.)	118.46	118.96
4+73.12	20' (Rt.)	118.87	118.63
11+32.38	33.26' (Rt.)	118.80	117.18
11+76.37	25.02' (Rt.)	119.48	117.7
5+05 *	16' (Rt.)	*	*
5+xx *	15' (Rt.)	*	*

* Valves to be installed by Water Dept. prior to construction. Contractor shall verify location and adjust to finished elevation to be determined by Engineer.

- No. 1: Railroad spike in West Race Power Pole 23'E. & 23.5' S. of E. Hendryx and Julia City Datum Elev. 118.30
- No. 2: Railroad spike in South Race Power Pole 127'E. of East line Garst & 25' N. E. Taft City Datum Elev. 116.97
- No. 3: Railroad spike in Power Pole @ the Southwest Corner of Wichita Inn Elev. 121.70 City Datum

INTERSECTION QUANTITIES

G172	SY 8	Concrete Pavement
	SY 8	Asphaltic Conc. Pavement (Bituminous Base)
	SY 8	Bituminous Base
	LF 125.4	Combined Curb & Gutter
	LF 125.4	Monolithic Edge Curb
	SP 1	Wheelchair Ramp
	CY 1	Excavation
	CY 1	Compacted Fill
	LS 1	Reinforcing Steel
G32.6	SY 1	Manipulation
	TS 1	Line or Cement
	SY 1	Valley Gtr. Concrete & Asphaltic Conc. Base

JULIA STREET				
STA. 9+00.00 TO STA. 11+82.87				
BAUGHMAN COMPANY P. A.				
SURVEYING & ENGINEERING				
318/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
DESIGN	DRAWN	APPROVED	DATE	SCALE
C. Bohm	R.J.F. ish	N.B. Lukan	March 1988	1" = 20'
SHEET 7 OF 10				REV.

PROJ. NO. 472-76-245-81737-000-000-001

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Earthwork Cross Sections
Julia Street

Sta. 2100

EXC. 13.1
L.Fill 45.1
C.Fill 80.6

50

Sta. 1150

EXC. 10.6
L.Fill 48.4
C.Fill 45.8

50

Sta. 1100

EXC. 21.7
L.Fill 40.1
C.Fill 5.0

50

Sta. 0150

EXC. 18.4
L.Fill 11.7
C.Fill 2.1

25.61

Sta. 0124.39

EXC. 23.5
L.Fill 7.6
C.Fill 2.5

19.89

Sta. 0104.50

EXC. 72.8
L.Fill 6.2
C.Fill 1.8

20.8

Sta. 0-16.30

Page Totals
Exc. 125.5 CY
L.Fill 150.1
C.Fill 140.8

Project Totals
Exc. 3211.7 CY
L.Fill 375.4 CY
C.Fill 341.2 CY

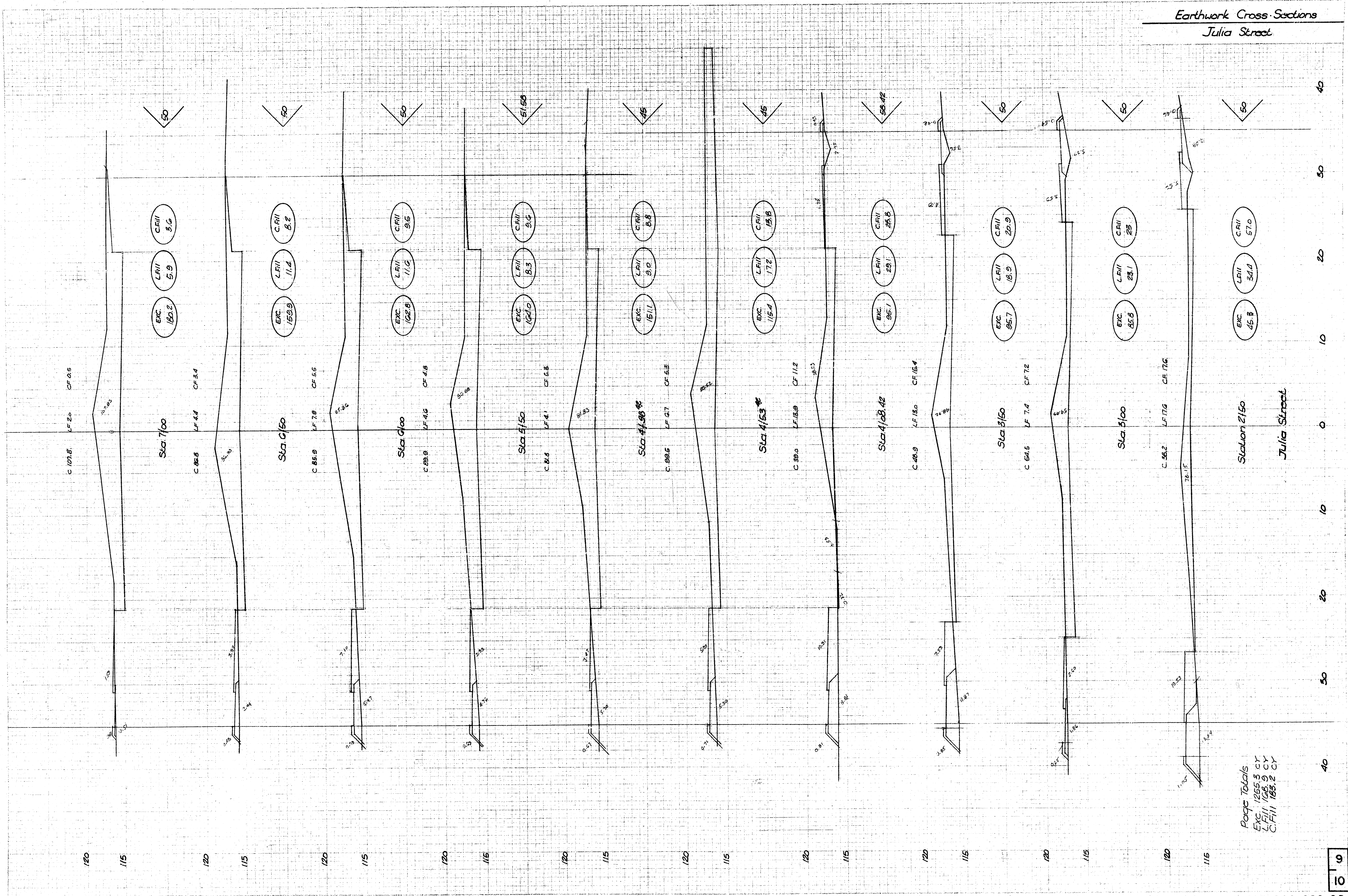
8

10

PROJ. NO. 472-76-245-81737-000-000-001

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DRAWN BY: J. H. HARRIS
 CHECKED BY: J. H. HARRIS
 DATE: 10/1/83
 PROJECT: 472-76-245-81737-000-000-001

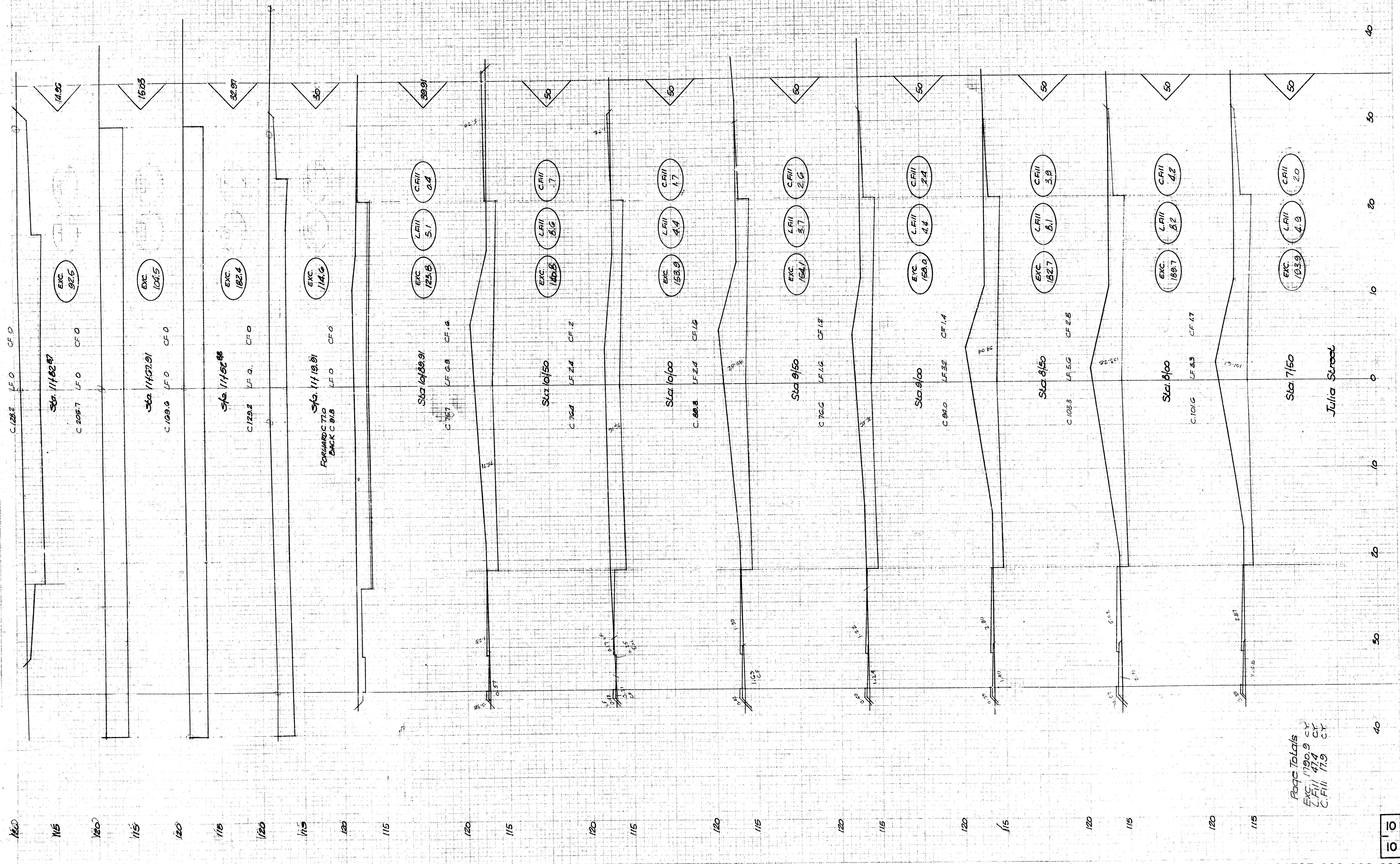


Page Totals
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 C.Fill 163.2 CY

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Earthwork Cross Sections
Julia Street



Page Totals
Exc. 1790.9 CY
L.Fill 474 CY
C.Fill 17.9 CY