

PAVING IMPROVEMENTS FOR SELMA AVENUE

FROM E.LINE OF ELLIS STREET TO THE W. LINE OF HYDRAULIC AVENUE

PROJECT NUMBER 472-76-245-81441-000-000-001

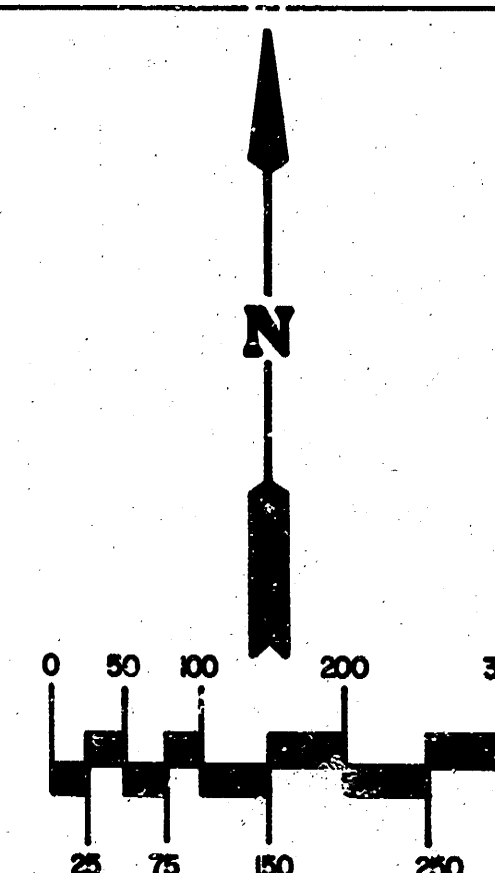
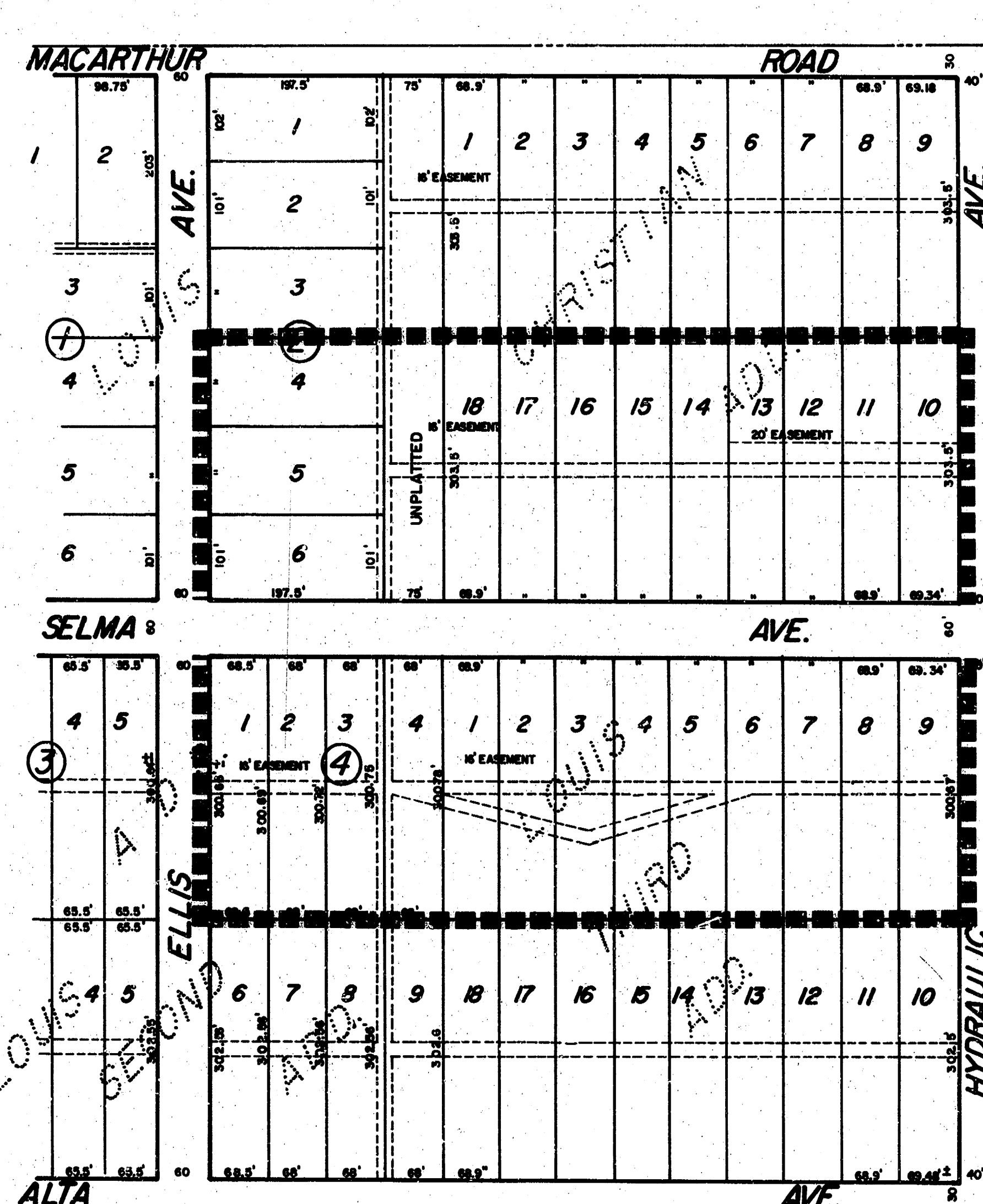
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THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATION. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND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

BM.
CITY OF WICHITA B.M. LOCATED AT HYDRAULIC AND MACARTHUR ROAD.
CUT IN NW COR. CONCRETE BASE SIGNAL LIGHT, CENTER MEDIAL, CENTER
MACARTHUR AND W.LINE OF HYDRAULIC. D.L.K. 1983 ELEV. 87.17

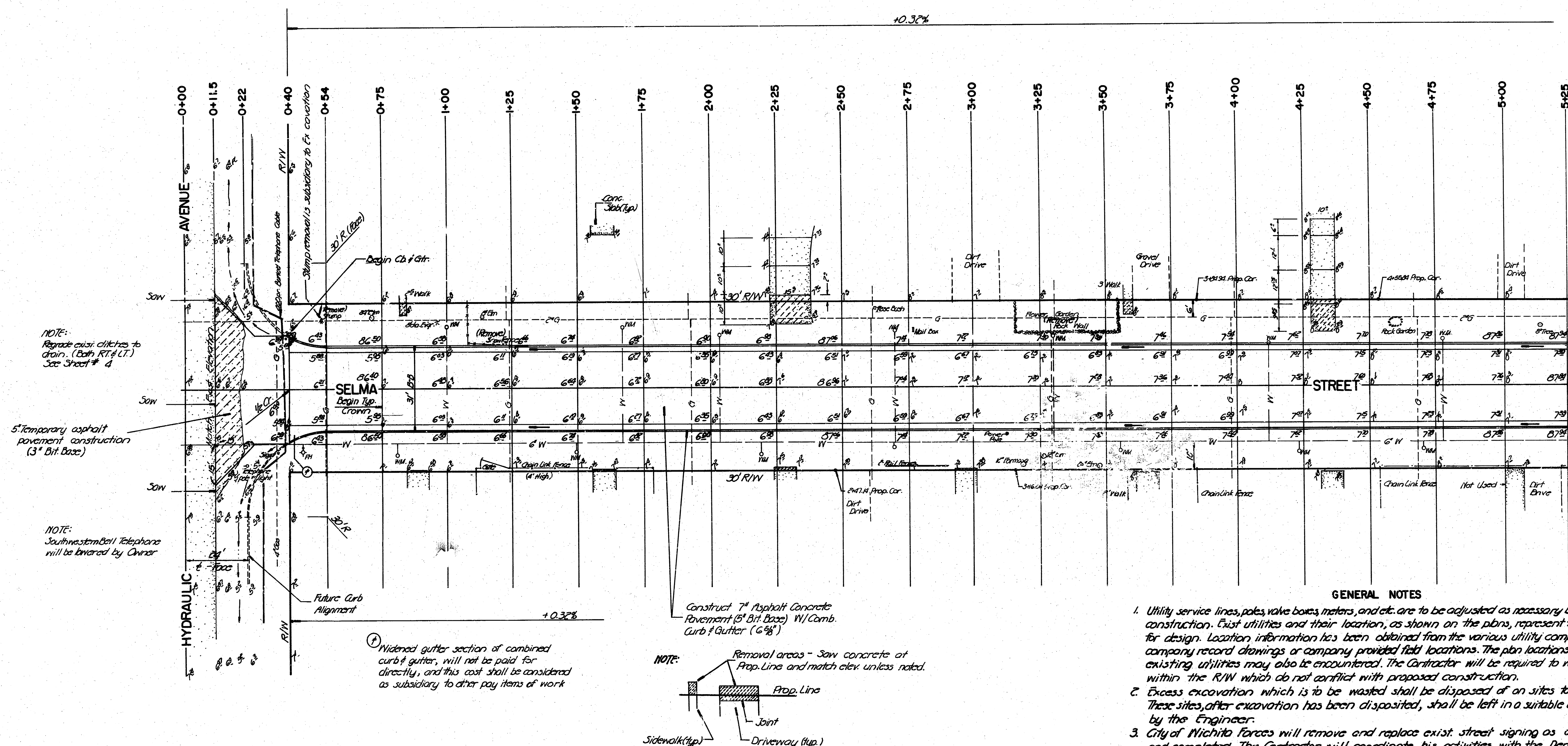
TOP OF "T" IN TENN. ON FIRE HYDRANT AT N.W. COR. OF SELMA
AND HYDRAULIC ELEV. 88.39



SCALE 1"=100'
NE 1/4-SEC. 16-TWP 28S-R1E



PROJECT DESCRIPTION		
PAVING SELMA AVE. FROM E. LINE ELLIS ST. TO W. LINE HYDRAULIC AVE.		
PROJECT NUMBER 472-76-245-81441-000-000-001		
BOOK NO.	APPROVED BY	DATE
DRAWN BY	REVISOR	REVISION
REISS AND GOODNESS ENGINEERS 2160 W. 21 ST ST. WICHITA, KANSAS		
CITY ENGINEER MIKE LINDEHAK, P.E.		SCALE 1"=100'



GENERAL NOTES

- Utility service lines, poles, valve boxes, meters, and etc. are to be adjusted as necessary by others prior to or during construction. Exist utilities and their location, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company provided field locations. The plan locations are not guaranteed. Other existing utilities may also be encountered. The Contractor will be required to work around exist. utilities within the R/W which do not conflict with proposed construction.
- Excess excavation which is to be wasted shall be disposed of on sites to be provided by the City. These sites, after excavation has been disposed of, shall be left in a suitable condition as approved by the Engineer.
- City of Wichita forces will remove and replace exist. street signing as construction is started and completed. The Contractor will coordinate his activities with the Department of Operations and Maintenance relative to the removal or installation of street signing.
- The Contractor shall contact KANSAS-1, call S-W Bell Tele. Co., at least 48 hours in advance of any work being performed over and/or adjacent to exist. utility installations.
- Mailboxes within the limits of this 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.

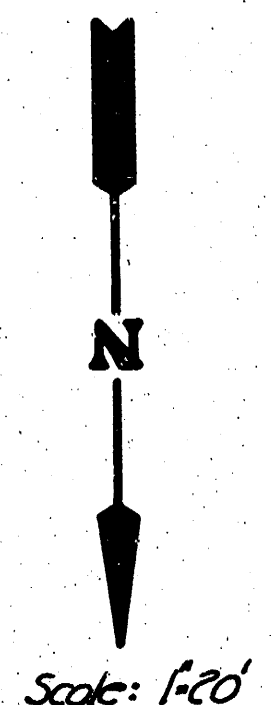
See Sheet No. 3 for additional notes

EARTHWORK (EXCAVATION)

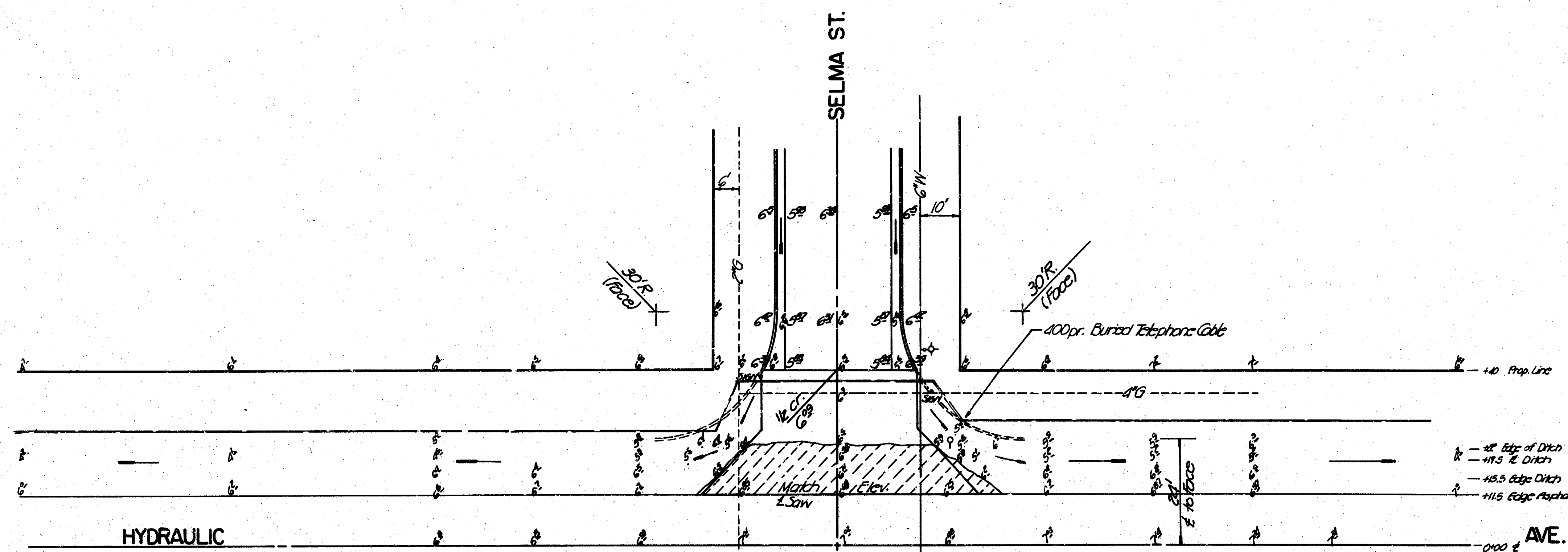
X-SECTION = 1184.0 C.Y.
10% = 118.4 C.Y.
TOTAL = 1302.4 C.Y.
3366 SY. MANIPULATION

PROJECT DESCRIPTION SELMA STREET

PROJECT NUMBER
472 76 245 81441 000 000 001

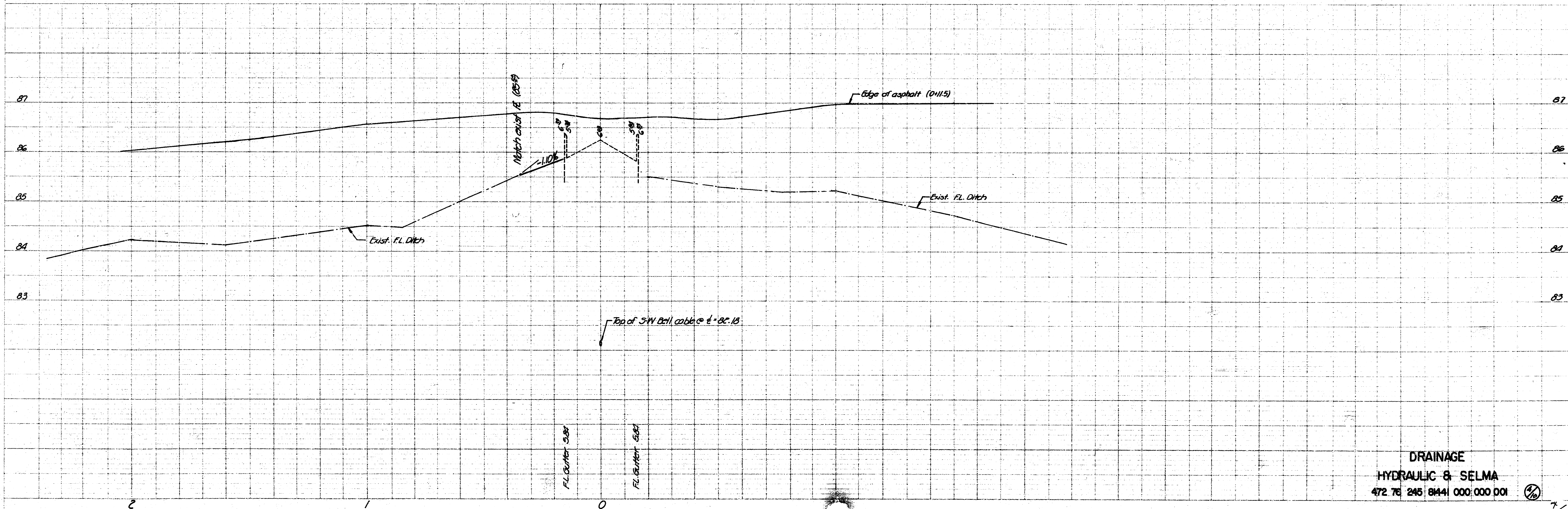


6. Trees and shrubs in public right of way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in conflict with proposed new construction shall be saved and protected from damage.
7. Limits of earthwork shall match exist. ground elevations at the right-of-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 slope to match the existing ground surface.
8. The Contractor will be permitted to bid only one of the alternate types of subgrade treatment. The type bid by the successful bidder will be the type of subgrade treatment used to construct the project.
9. Properties within the Benefit District that have dirt order requests on file shall have first rights to any excavated material.
10. The Contractor shall do no work back of Property Line on any driveway unless there is a signed permit on file with City of Wichita.



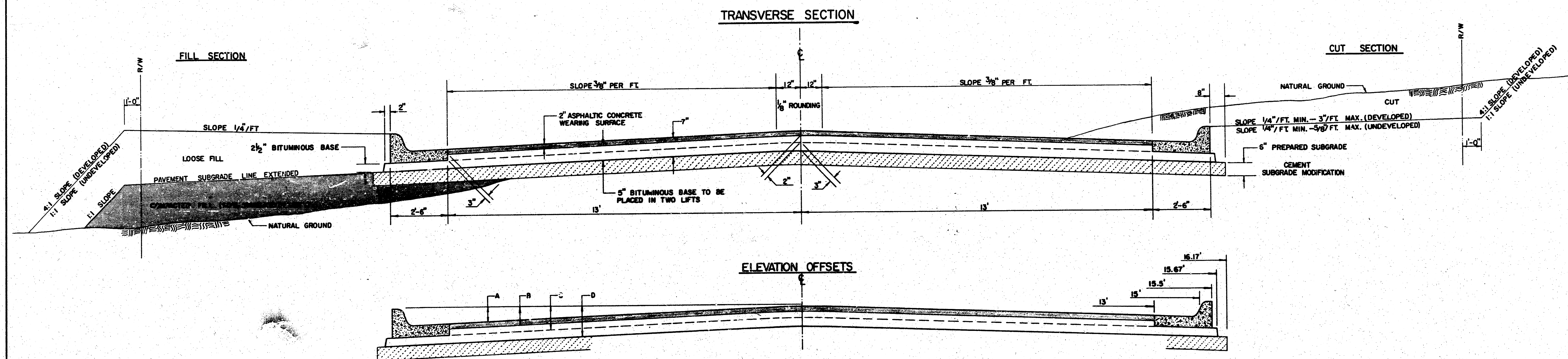
NOTE:
 Grade ditches to drain as
 directed by the Engineer
 (Subsidiary to Excavation)

SCALE
 PLAN 1" = 20'
 PROFILE 1" = 20'
 Horiz. 1" = 20'
 Vert. 1" = 1'



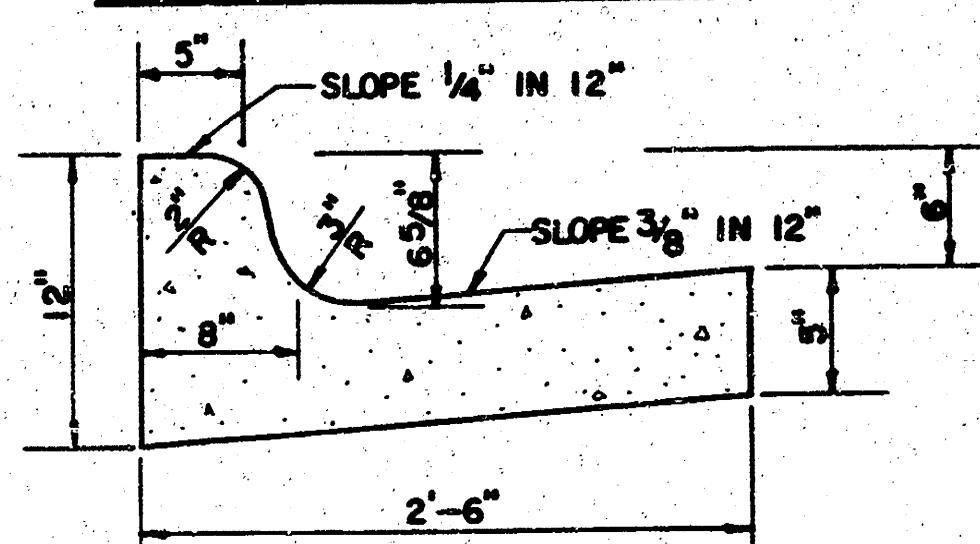
DRAINAGE
 HYDRAULIC & SELMA
 472.75 245.8144 000.000.001

TYPICAL 3' PAVEMENT DETAILS

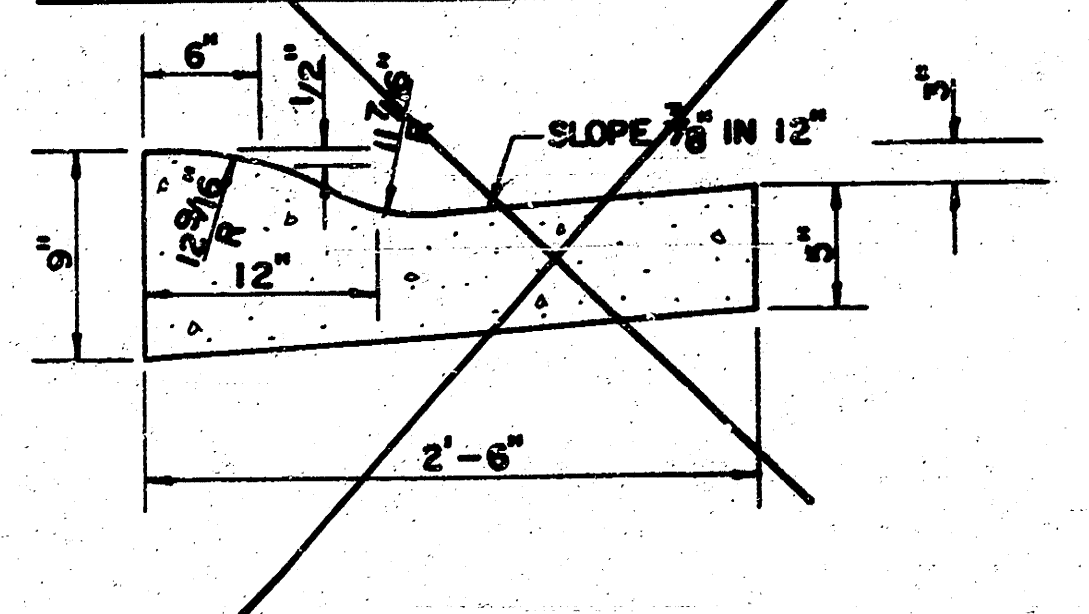


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7.5'	10'	12'	13'	15'	15.5'	15.67'	16.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.10	0.14	0.21	0.27	0.32	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.27	0.31	0.38	0.44	0.49	0.56	0.63	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.44	0.49	0.57	0.64	0.70	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.69	0.73	0.80	0.87	0.93	1.01	1.08	1.12	1.19	1.21	1.21	1.23

COMBINED CURB & GUTTER



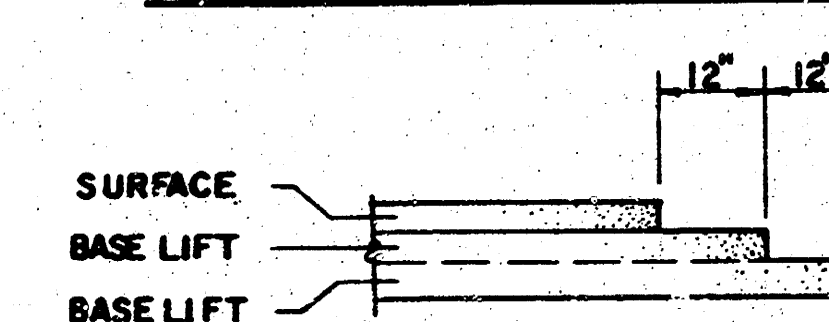
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

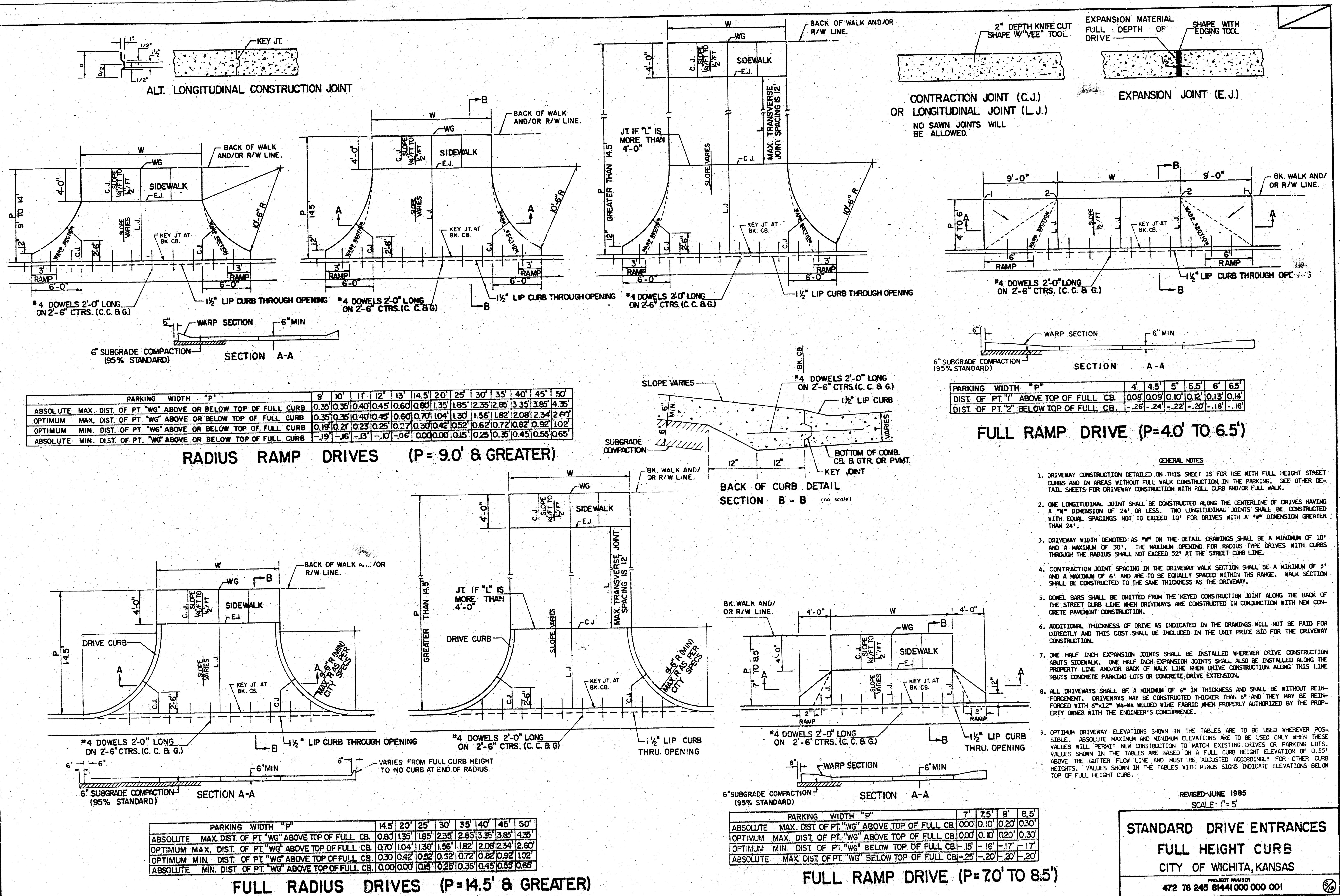
- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED 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) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

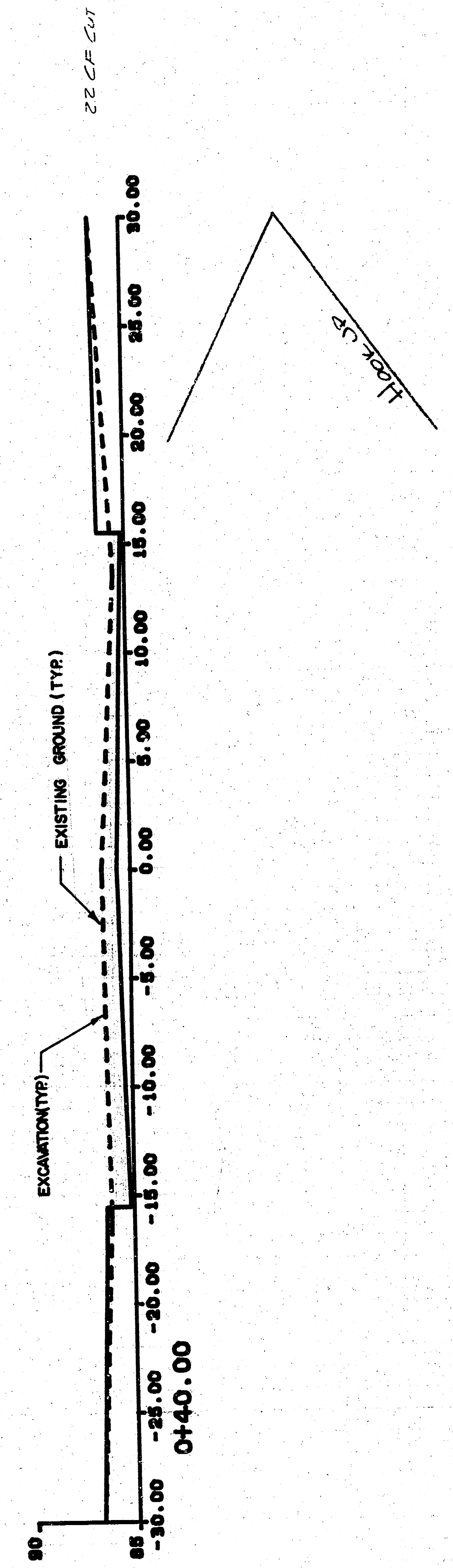
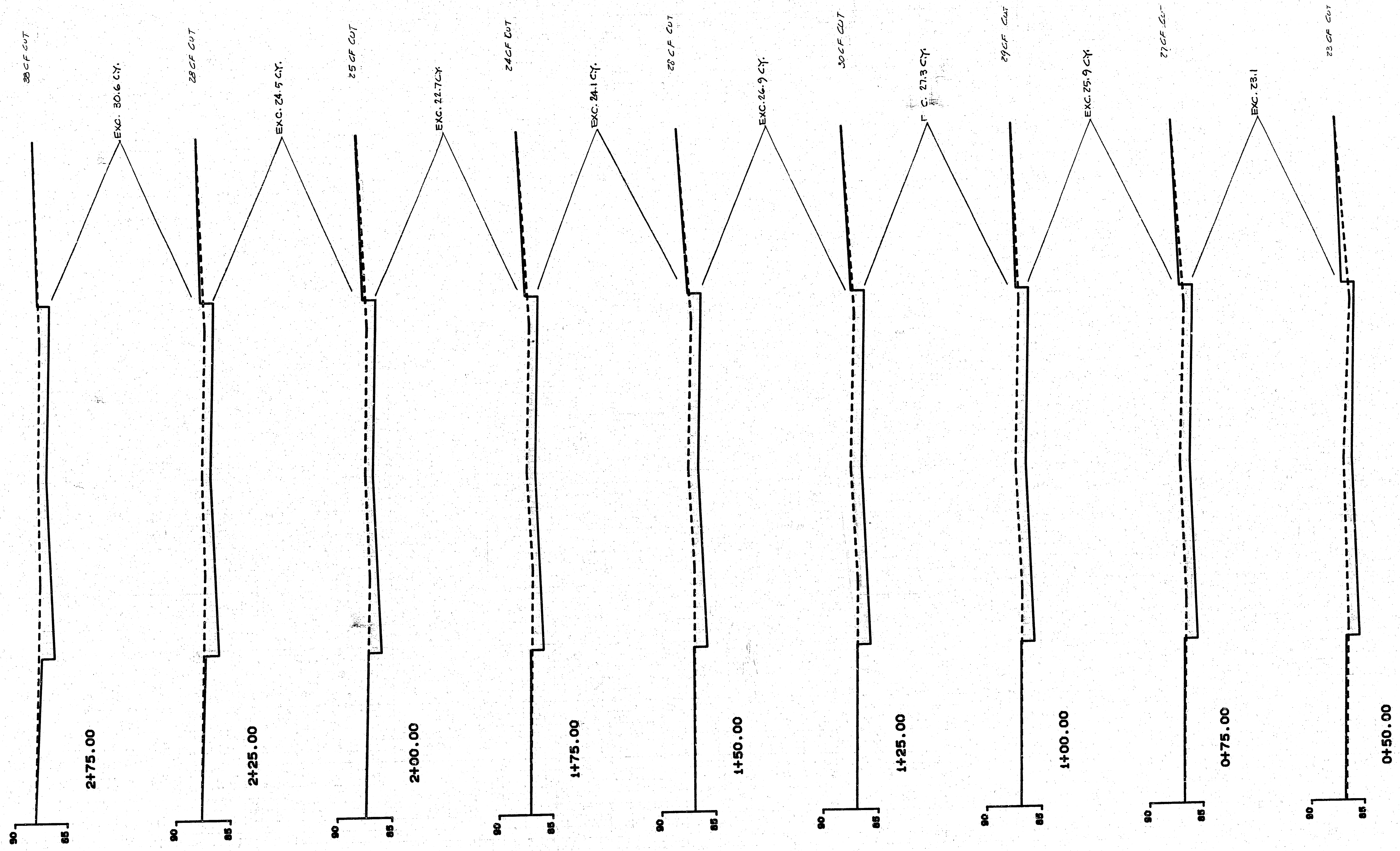
TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS 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 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472 76 245 81441 000 000 001





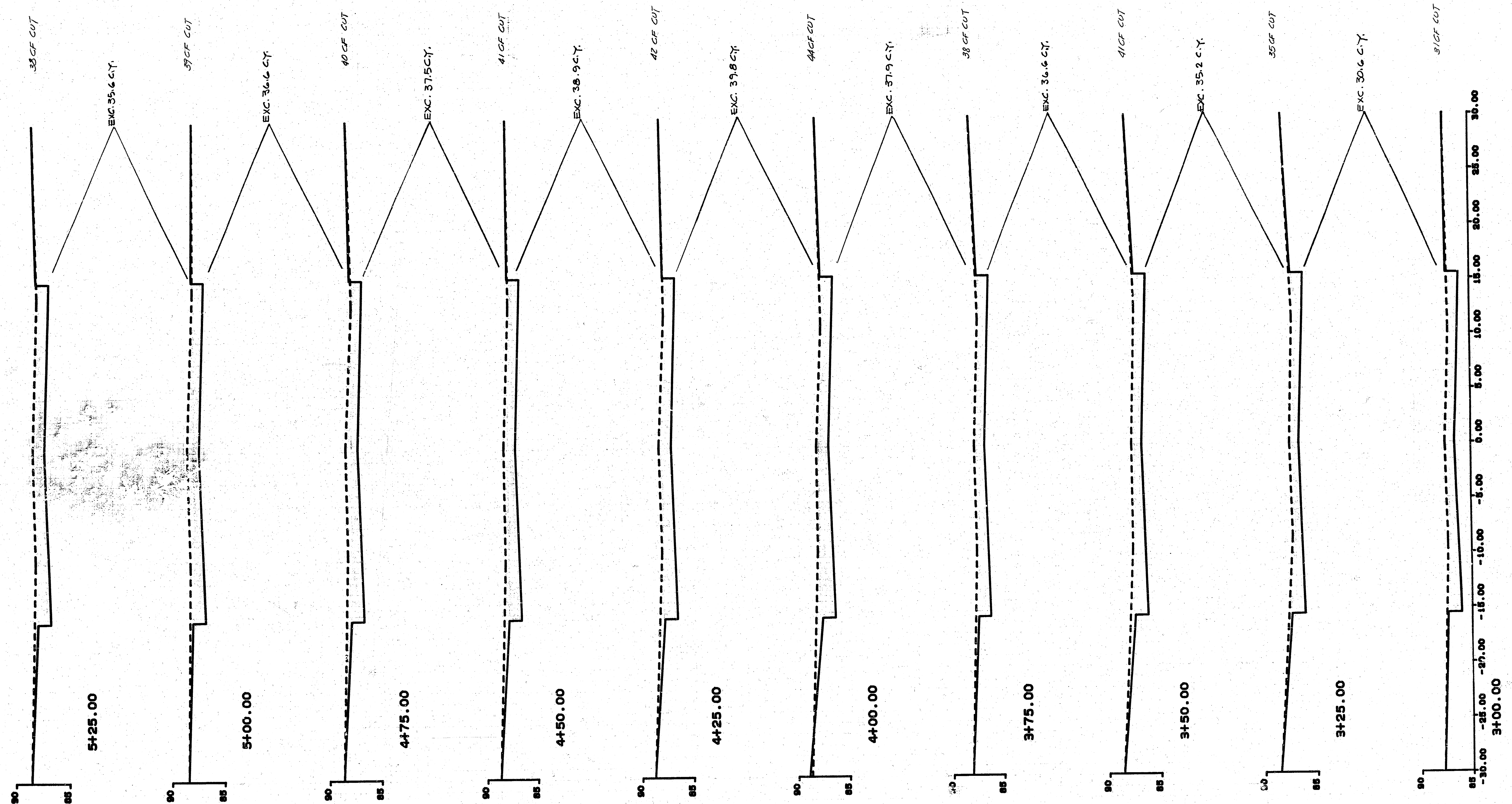
SELMA STREET
HYDRAULIC TO ELLIS

472 76 245 814-41 000 000 001

REISS & GOODNESS ENGINEERS
2100 WEST 21ST STREET
WICHITA, KANSAS 67203
(913) 632-0253

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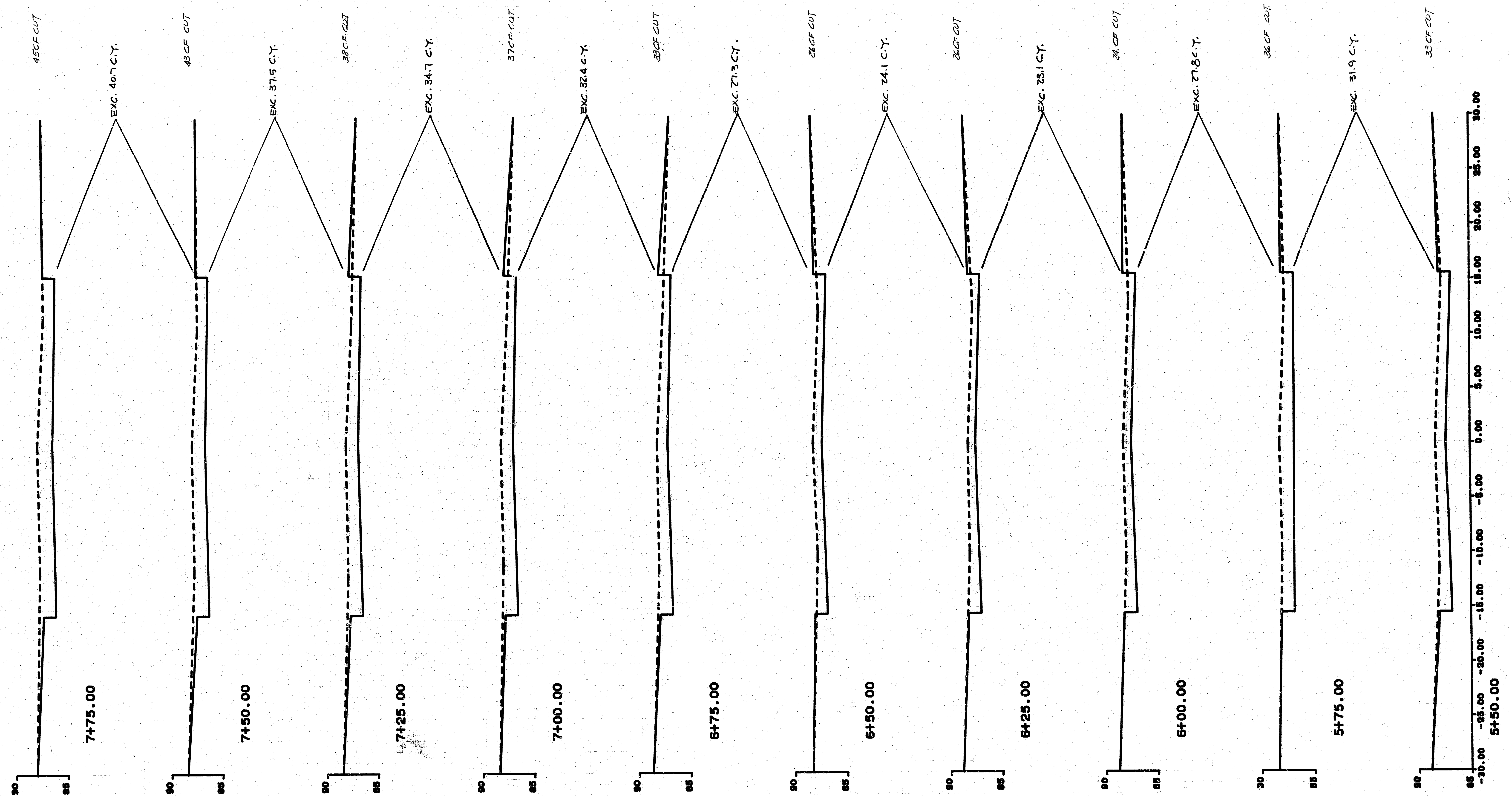


SELMA STREET
HYDRAULIC TO ELLIS

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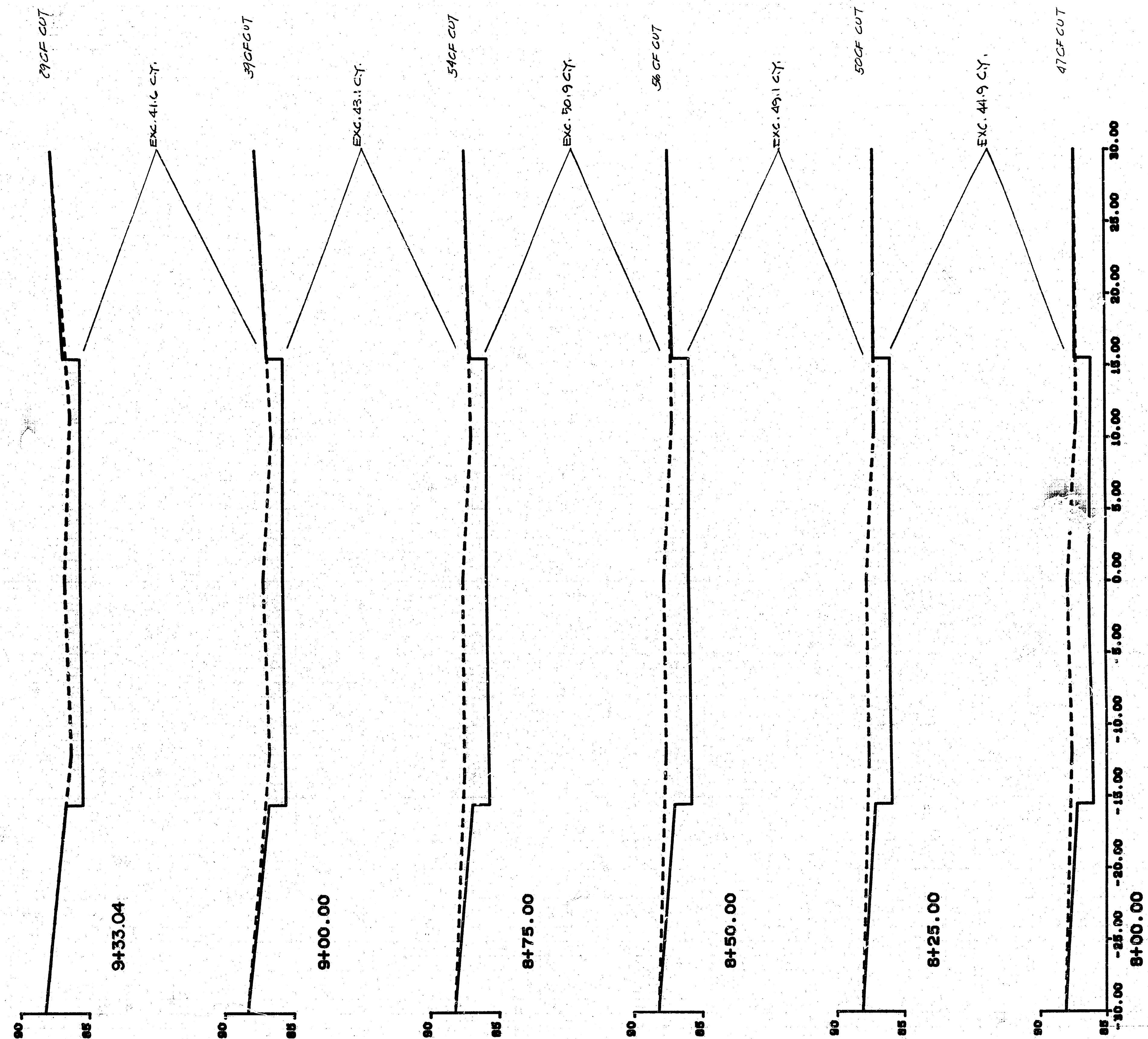
REISS & GOODNESS ENGINEERS
2100 WEST 21ST STREET
WICHITA, KANSAS 67203
(316) 262-0225

8/10



SELMA STREET
HYDRAULIC TO ELLIS

472 76 245 81441 000 000 001



SELMA STREET
HYDRAULIC TO ELLIS

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10/10

14 5 3 10

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