STREET IMPROVEMENTS

for

DORIS STREET

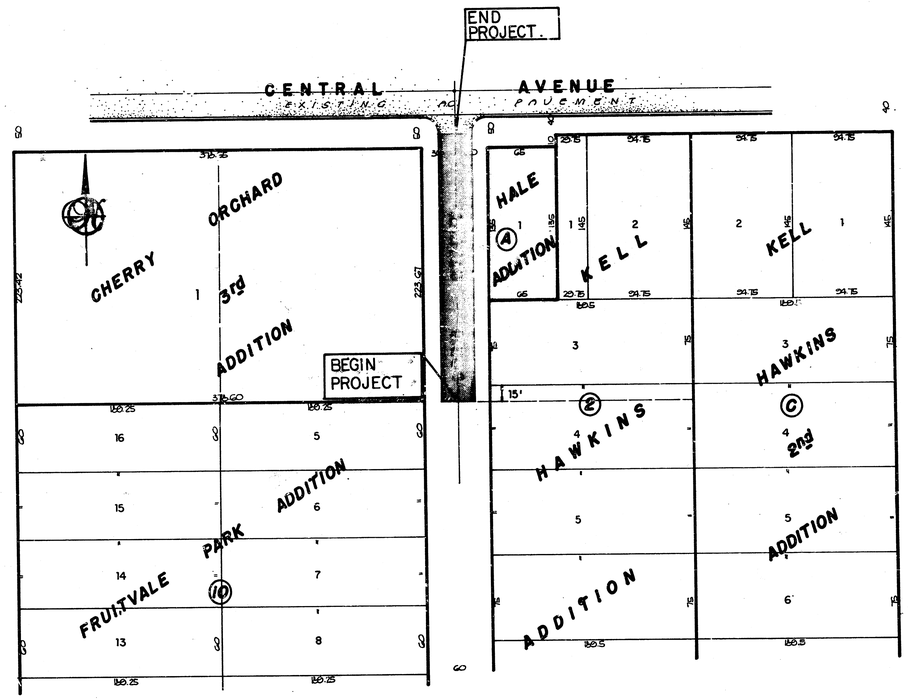
From S. Line of CHERRY ORCHARD 3RD ADDN.
to S. Line of CENTRAL AVE.

PROJECT NUMBER

472-76-245- 81582-000-000-001

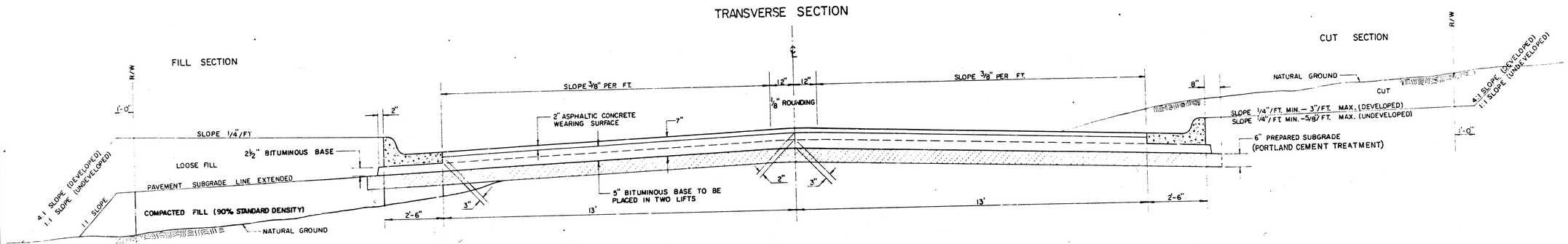
GENERAL NOTES

1. No more than 4 drives 20 feet in width, or equivalent combinations thereof, are to be constructed with this project.
2. Mailboxes 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.
3. 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 direct conflict with proposed new construction shall be saved and protected from damage.
4. The Contractor shall be responsible for preserving property irons. The Contractor will 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.
5. Contractor shall contact Don Morgan, KG&E 261-6434 for the relocation of the down guys and allow at least 10 days for KGE to perform the work.

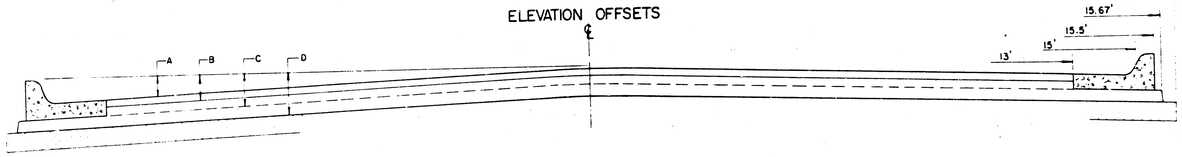

END PROJECT.
CENTRAL AVENUE
EXISTING PAVEMENT
CHERRY ORCHARD 1 3rd ADDITION
BEGIN PROJECT
FRUITVALE PARK ADDITION
HALE ADDITION
KELL
KELL
HAWKINS 2nd ADDITION
HAWKINS ADDITION
225.42
225.67
315.35
315.60
150.25
150.25
150.25
150.25
150.5
150.5
150.5
150.5
54.15
54.15
54.15
29.75
54.15
54.15
54.15
145
145
145

TYPICAL 31' PAVEMENT DETAILS

TRANSVERSE SECTION

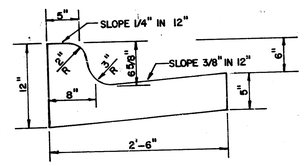


ELEVATION OFFSETS

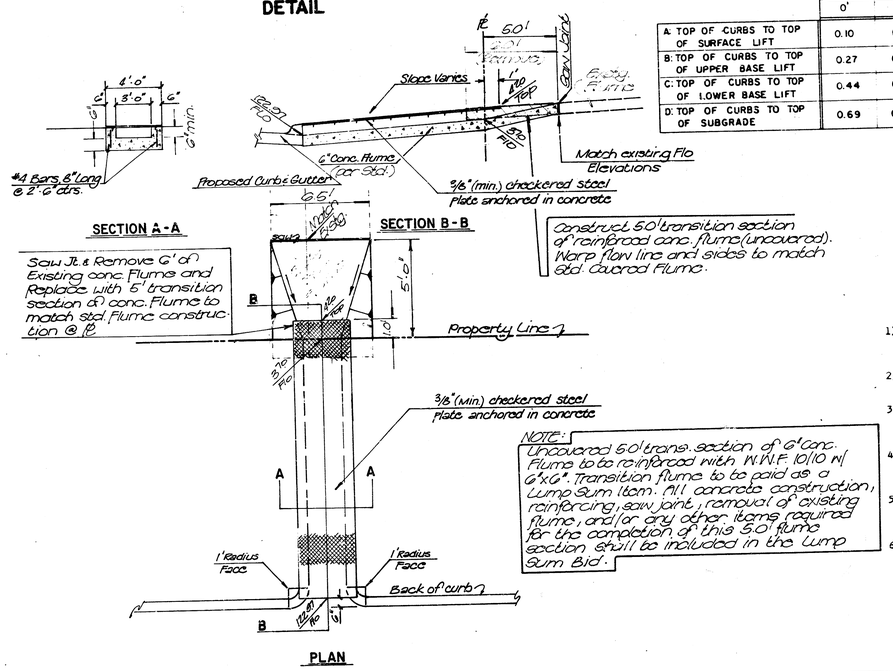


DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	7.5'	10'	12'	13'	15'	15.5'	15.67'	16.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.10	0.14	0.21	0.27	0.32	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.27	0.31	0.38	0.44	0.49	0.56	0.63	0.66	—	—	—	—
C: TOP OF CURBS TO TOP 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

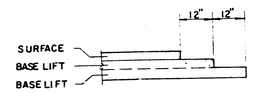
COMBINED CURB & GUTTER



CONCRETE FLUME DETAIL



TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED AT LOCATIONS WHERE PAVEMENT JOINS FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAILS. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE S.Y. PRICE BID FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

GENERAL NOTES

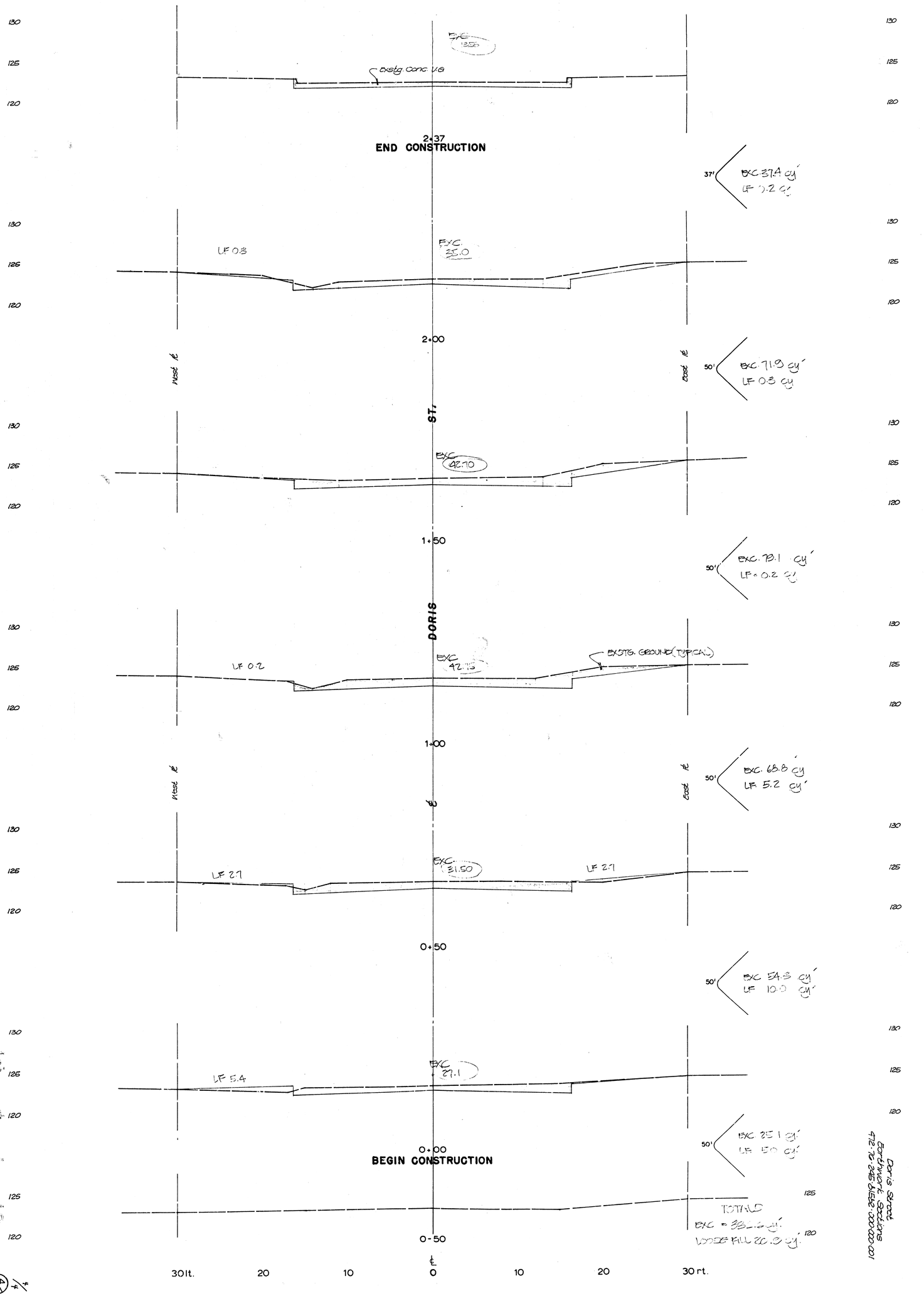
1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
3) A TACK COAT OF EMULSIFIED 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 ℄ 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.

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE

CITY OF WICHITA, KANSAS

PROJECT NUMBER

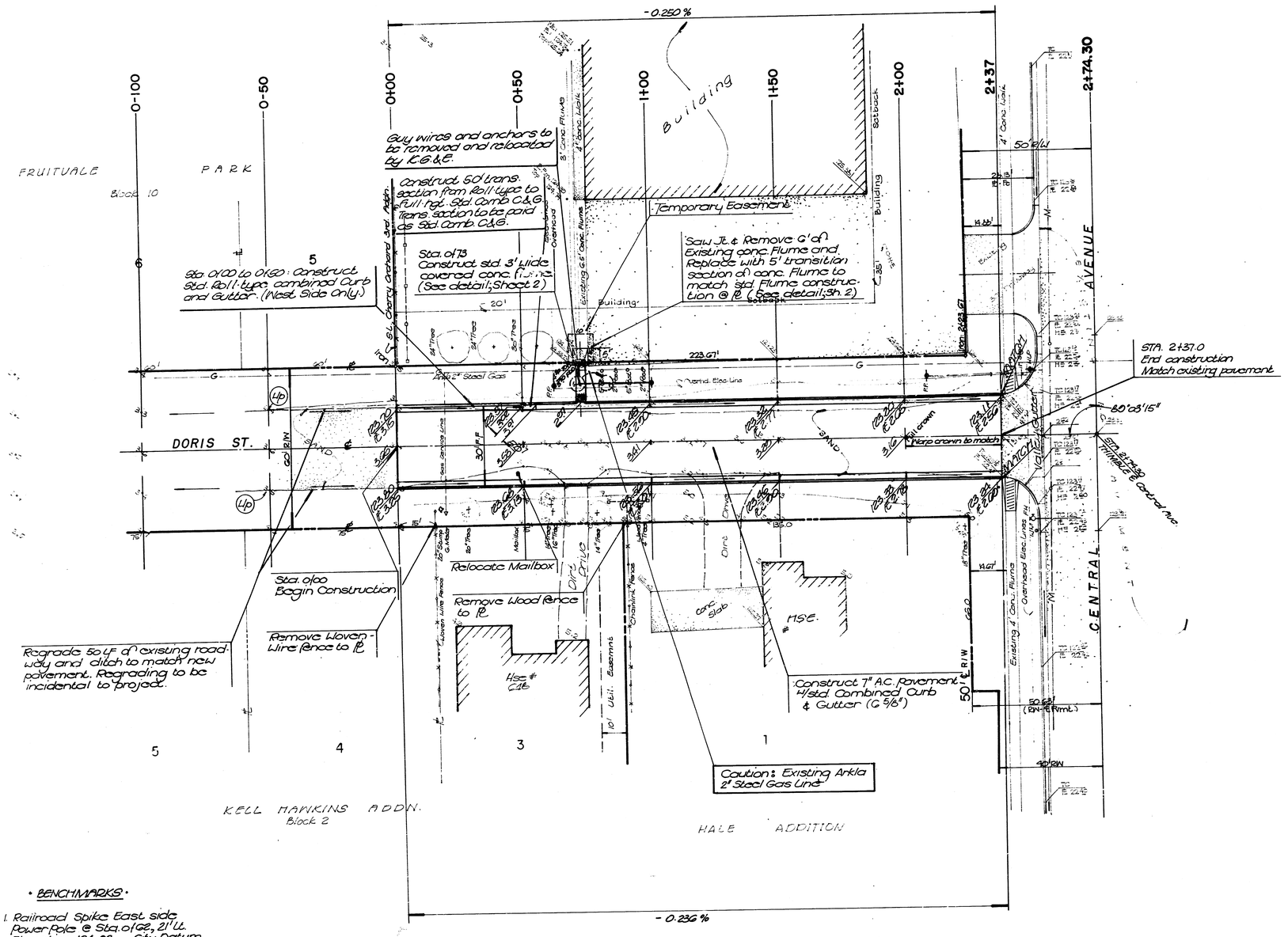
472-76-245-81582-000-000-001



Doris Street
Earthwork Sections
472-76-245-81552-000-000-001

CHERRY ORCHARD 3RD ADDITION

Lot 1



Scale: 1" = 20'

- 0.236 %

• BENCHMARKS •

1. Railroad Spike East side Power Pole @ Sta. 0+92, 21' Lt. Elevation 124.92 City Datum

2. 'O' Cut on Top Curb @ Sta. 2+45.5, 46.1' Lt. South end of East return of drive entrance to Lot 1, Cherry Orchard 3rd Addition. Elevation 128.65 City Datum

EARTHWORK QUANTITIES

Excavation = 336.6 cy. Compacted Fill = NONE cy.
+10% = 33.7 cy.
Total = 370.3 cy.

Subgrade Manipulation = 852 SY

PROJ. NO. 472-76-245-81582-000-000-001

• DORIS STREET •

From the SL. Cherry Orchard 3rd Addition to the SL. Central Avenue.

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design	Drawn	Approved	Date	Scale	Sheet
N.B. Wooten	Seal jr.		March, 57	1"=20'	3/4