GENERAL NOTES:

1. Utility service lines, poles, valve boxes, meters and etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor. 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. The Contractor shall provide a minimum of forty-eight (48) hours advanced notice to all utility owners prior to work in any area where existing utilities will be uncovered to allow the utility owner to inspect uncovering of their utility. Any utility carelessly damaged by his construction operations shall be repaired or replaced at no extra cost to the City. The Contractor shall coordinate work with contractors for utility companies and other agencies for minimum inconvenience to the general public.

3. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted 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. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to US Corps of Engineers permiting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location. The cost of disposing of rubble from the removal of miscellaneous structures and excess excavation, including loading and hauling shall be subsidiary to the other bid items.

4. Trees and shrubs in public right-of-way which are in direct conflict with proposed construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with the proposed new construction shall be saved and protected from damage.

5. 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 slope up or down using permissable slopes to match existing ground surfaces.

6. The Contractor shall be responsible for preserving property irons. The Contractor will be required to reestablish any property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished by a licensed land surveyor or a licensed professional engineer in accordance with state laws.

7. The Contractor shall seed, fertilize and mulch all disturbed areas within the construction limits in accordance with the plans and specifications.

8. The Contractor shall comply with all applicable safety regulations, insuring safety of personnel directly involved with the project and insuring the safety of the public shall be the Contractor's responsibility.

9. The Contractor will be required to provide a minimum advance notice of forty-eight (48) hours to each of the following utility companies prior to the beginning of construction and request that any existing lines be flagged:

Kansas One-Call
(For exact location of all underground utilities)
1-800-344-7233
316-687-2470 (local Wichita)

KG&E (Electric)
1900 E. Central
Wichita, Kansas 67214
316-261-6434

Philips Pipe Line Company
2400 E. 37th St. North
Wichita, Kansas 67219
316-838-1385

City of Wichita
455 N. Main
Wichita, Kansas 67202
Water Dept: 316-268-4555
Sewer Dept: 316-268-4210
Park Dept: 316-264-1642

People's Natural Gas
3845 W. Harry
Wichita, Kansas 67213
316-942-8350
316-946-0096 (for emergencies)

Multimedia Cablevision
701 E. Douglas
Wichita, Kansas 67202
316-262-4270

Southwestern Bell Telephone Company
154 N. Broadway
Wichita, Kansas 67202
316-268-2245

10. Construction staking to be done by City of Wichita.

11. The contractor must examine the construction site prior to bidding and be satisfied as to the work shown for completion. After bids have been received, the contractor shall not assert that there was a misunderstanding of the quantities of work, or of the nature of the work to be completed.

12. The project limits may have underground sprinkler systems which conflict with new construction. Contractor will be required to remove such improvements should they not be removed by their owner at the time of construction of the project. The Contractor will be required to salvage all sprinkler heads and/or valves and give such material to their owner. Portions of underground sprinkler systems not in conflict with new construction shall be protected from damage and shall remain in place. All work in connection with underground sprinkler systems shall be considered as subsidiary to the contract pay items of works.

Access Road and Parking Lot Pavement Construction

in

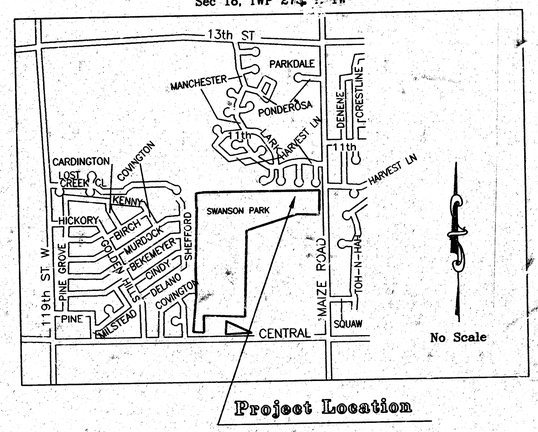
Swanson Park

PROJ. NO. 472-82575

INDEX NO. 785352

VICINITY MAP

Sec 18, TWP 27S - 1W



INDEX OF SHEETS

SHEET	1	– TITLE SHEET GENERAL NOTES
SHEET	2	– PAVING PLANS TYPICAL SECTIONS COORDINATE LAYOUT PLANS & POINTS
SHEET	3	– PAVEMENT MARKING PLAN SIGNING DETAILS
SHEET	4-5	– CROSS SECTIONS

CITY OF WICHITA, KANSAS

M. E. LINDEBAK - CITY ENGINEER

August 1995

State	Project Number	Year	Sheet No.	Total Sheets
Kansas	472-82575	1995	2	5

General Notes

Fabric Base Reinforcement Shall Be 8 x 1000 As Manufactured By Tensar Corporation or Approved Equal. Fabric Base Reinforcement Shall Be Installed In Accordance With Manufactures' Recommendations.

Crushed Rock Base Gradation Requirements

Percent of Aggregate Retained

2-1/2"	0
3/4"	20 to 60
#4	50 to 80
#40	80 to 94
#200	90 to 98

Crushed Rock Quality Shall Conform To The Requirements Specified By The K.D.O.T. 1990 Edition Standard Specification Subsection 1102 For Durability Class I.

Crushed Rock Base Shall Be Uniformly Graded. Crushed Rock Base Is To Be Compacted and Smoothed With A Steel Faced Roller Prior To Placement Of Asphalt. Tack Coat Will Not Be Applied To Rock Base.

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.

Bituminous Base and Asphaltic Concrete Wearing Surface Shall Be Placed With A Laydown Machine Having Automatic Controls For Line and Grade.

Construction Joints In Each Lift Shall Be Staggered A Minimum Distance Of One (1) Foot From Joints In Preceeding Lifts And Placed So That A Joint Will Be Constructed On The Centerline Of The Top Lift.

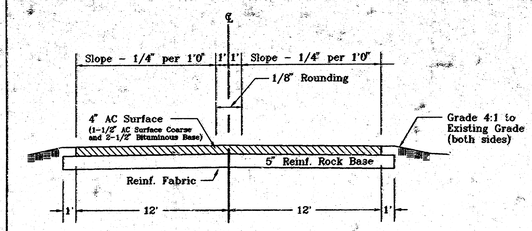
CURVE INFORMATION

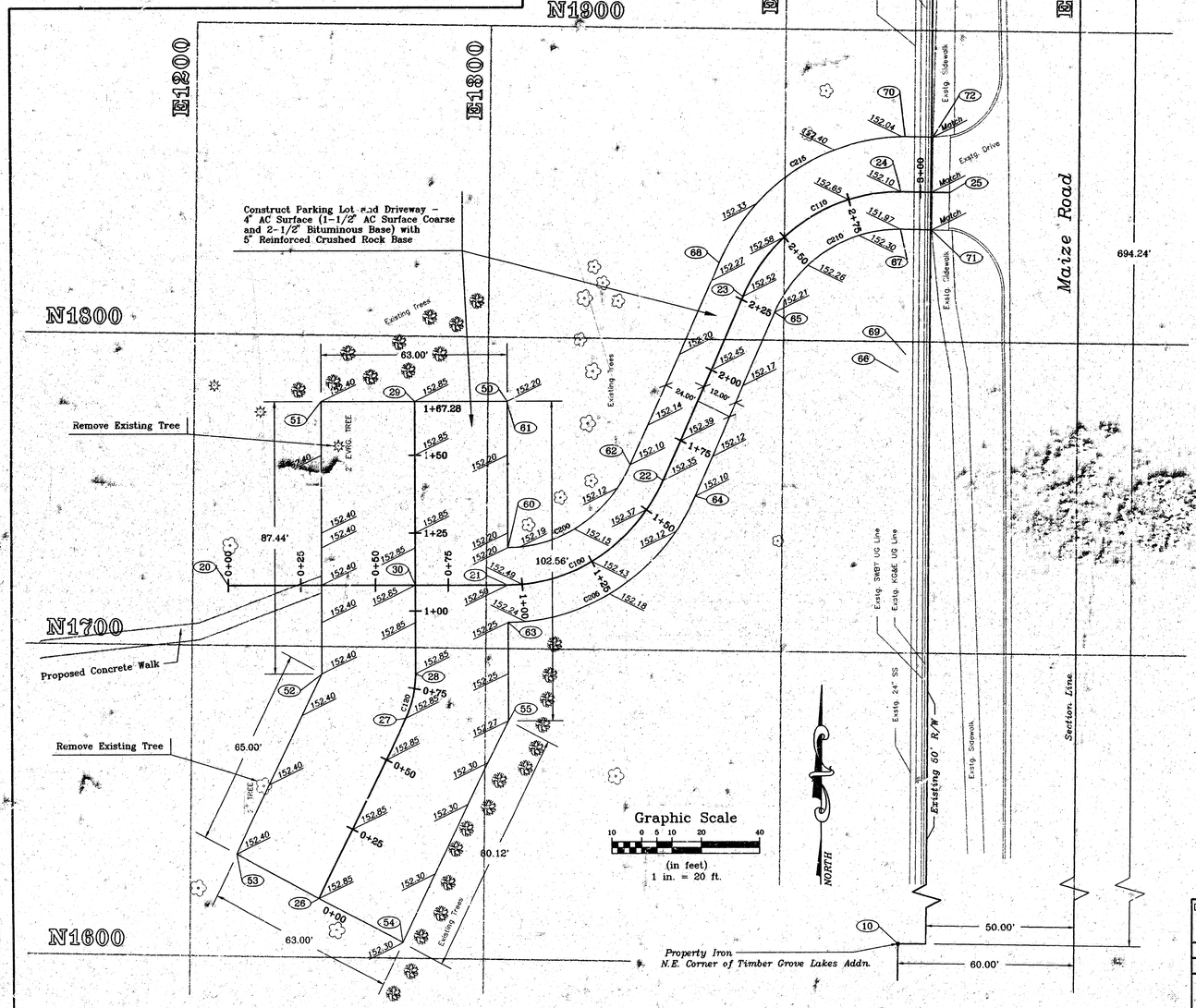
Curve 100 Δ= 65°59'10" L= 65.78' R= 58.0'	Curve 110 Δ= 66°07'21" L= 63.94' R= 58.0'	Curve 120 Δ= 27°00'00" L= 14.84' R= 31.5'
Curve 200 Δ= 65°59'10" L= 52.17' R= 46.0'	Curve 205 Δ= 65°59'10" L= 79.40' R= 70.0'	Curve 210 Δ= 66°07'21" L= 53.09' R= 46.0'
Curve 215 Δ= 65°59'10" L= 79.40' R= 70.0'		

POINT COORDINATE LIST

PT. 01	N 2000.00	E 1500.00	QUARTER SECTION CORNER
PT. 05	N 2157.66	E 1561.44	BENCH MARK
PT. 10	N 1305.76	E 1440.00	PROPERTY IRON
PT. 20	N 1719.19	E 1211.91	Baseline (Drive) – STA 0+00.00
PT. 21	N 1720.43	E 1307.06	Baseline (Drive) – STA 0+95.16
PT. 22	N 1754.60	E 1359.17	Baseline (Drive) – STA 1+60.94
PT. 23	N 1713.99	E 1385.94	Baseline (Drive) – STA 2+26.09
PT. 24	N 1848.15	E 1439.21	Baseline (Drive) – STA 2+93.03
PT. 25	N 1848.04	E 1456.18	Baseline (Drive) – STA 3+10.00
PT. 26	N 1618.94	E 1343.94	Baseline (Parking Lot) – STA 0+00.00
PT. 27	N 1677.24	E 1372.69	Baseline (Parking Lot) – STA 0+65.00
PT. 28	N 1691.58	E 1375.93	Baseline (Parking Lot) – STA 0+79.84
PT. 29	N 1779.01	E 1374.79	Baseline (Parking Lot) – STA 1+67.28
PT. 30	N 1720.02	E 1375.56	Int.– Baseline (Drive) – STA 0+63.66 & Baseline (Parking Lot) – STA 1+08.28
PT. 50	N 1779.42	E 1306.28	Parking Lot Corner #1
PT. 51	N 1778.60	E 1243.29	Parking Lot Corner #2
PT. 52	N 1691.17	E 1244.44	Parking Lot Corner #3
PT. 53	N 1632.87	E 1215.69	Parking Lot Corner #4
PT. 54	N 1605.01	E 1272.19	Parking Lot Corner #5
PT. 55	N 1676.87	E 1307.63	Parking Lot Corner #6
PT. 60	N 1779.42	E 1306.28	PC–PT
PT. 61	N 1778.60	E 1243.29	Radius Pt. of 46.0' and 70.0' Arc (CC200,CC205)
PT. 62	N 1691.17	E 1244.44	PC–PT
PT. 63	N 1632.87	E 1215.69	PC–PT
PT. 64	N 1605.01	E 1272.19	PC–PT
PT. 65	N 1676.87	E 1307.63	PC–PT
PT. 66	N 1778.60	E 1243.29	Radius Pt. of 46.0' Arc (CC210)
PT. 67	N 1691.17	E 1244.44	PC–PT
PT. 68	N 1632.87	E 1215.69	PC–PT
PT. 69	N 1605.01	E 1272.19	Radius Pt. of 70.0' Arc (CC215)
PT. 70	N 1676.87	E 1307.63	PC–PT
PT. 71	N 1836.08	E 1450.33	End Pt
PT. 72	N 1865.87	E 1450.51	End Pt

24' Wide Asphaltic Concrete Roadway With Reinforced Crushed Rock Base





Bench Mark

City of Wichita disc located on the SW headwall of the RCBC 74.0' Rt. of centerline of Maize Road and the south side of Harvest Lane.

Elev.= 154.04 City datum
(N 2157.66, E 1561.44)

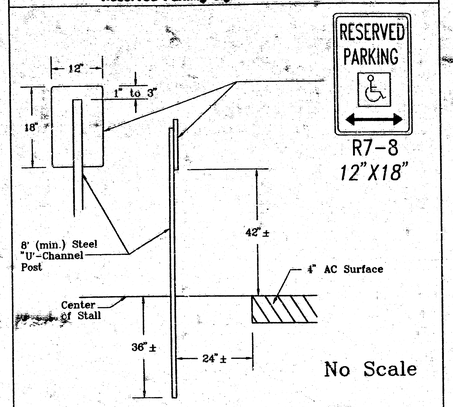
Description **Access Roadway & Parking Lot in Swanson Park**

Scale: 1"=20'	Drawn By: SAC	Index No.: 785352
Date: August 1995	Revised:	

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
City Engineer – Michael E. Lindebak

State	Project Number	Year	Sheet No.	Total Sheets
Kansas	472-82575	1995	3	5

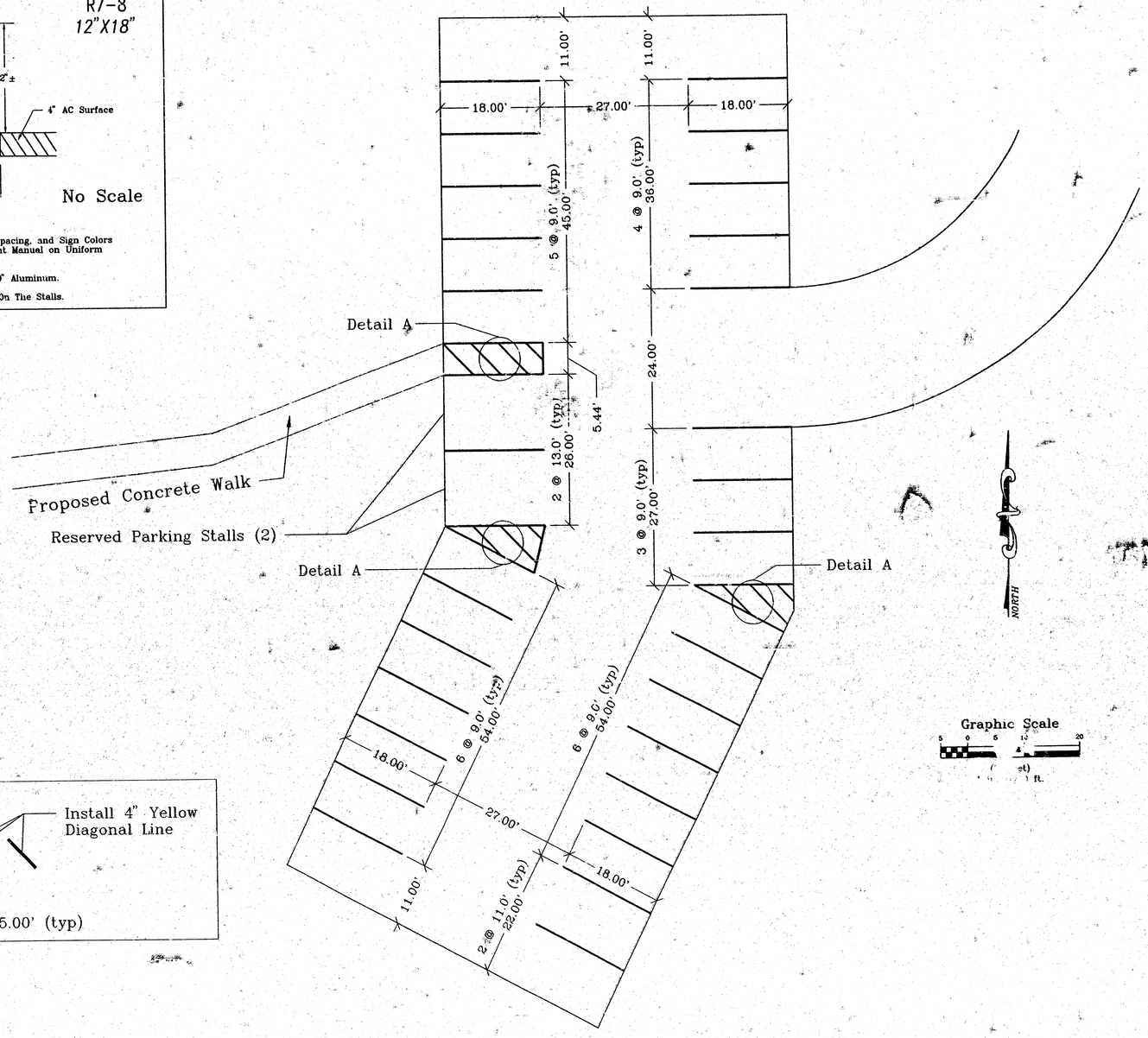
Reserved Parking Sign Installation Detail



NOTE: All Letters, Symbols, Sizes, Spacing, and Sign Colors Shall Conform To The Current Manual on Uniform Traffic Control Devices.

All Sign Material To Be 0.080" Aluminum.

All Signs Shall Be Centered On The Stalls.



Detail A

General Notes

Pavement Markings Shall Conform To The City of Wichita - Traffic Maintanence Specifications For Nebraska Type I - Cold Traffic Paint Only (April 1990).

All Pavement Markings Shall Be Yellow In Color.

Graphic Scale

5 0 5 10 20

(Feet)

1 in. = 10 ft.

Description: **Swanson Park Pavement Markings**		
Scale: 1"=10'	Drawn By: SAC	Index No.: 785352
Date: August 1995	Revised:	

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
City Engineer - Michael E. Lindebak

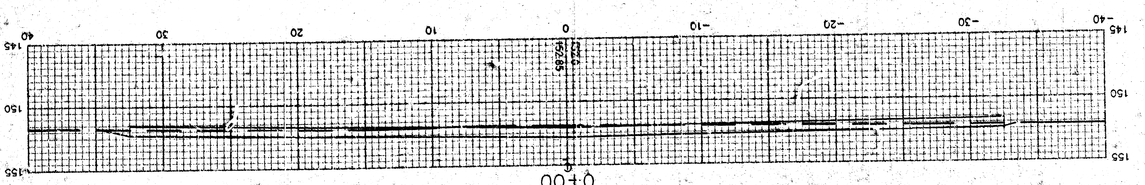
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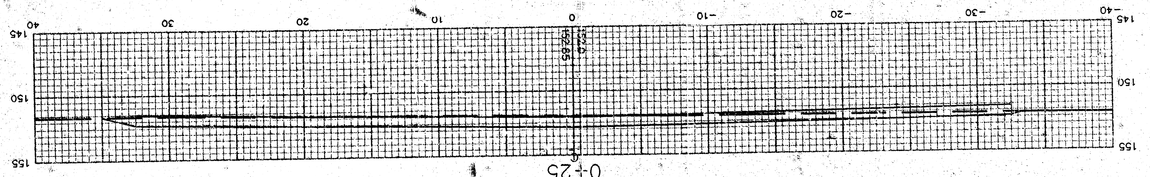
Description **Swanson Park**
Cross Sections

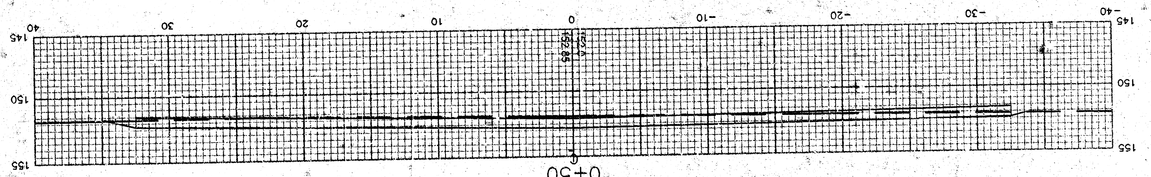
Scale:
Drawn By: SAC
Index No.: 786352
Date: August 1995
Revised:

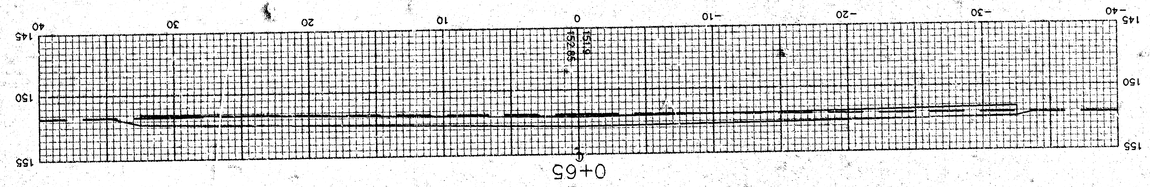
CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
City Engineer - Michael L. Lindebak

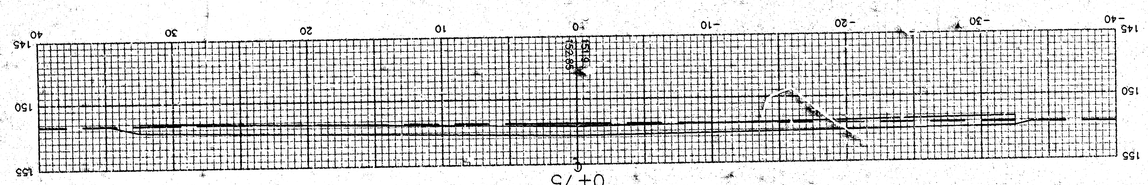
Parking Lot

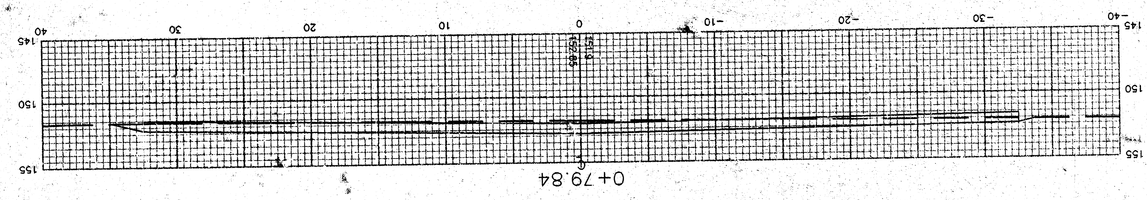


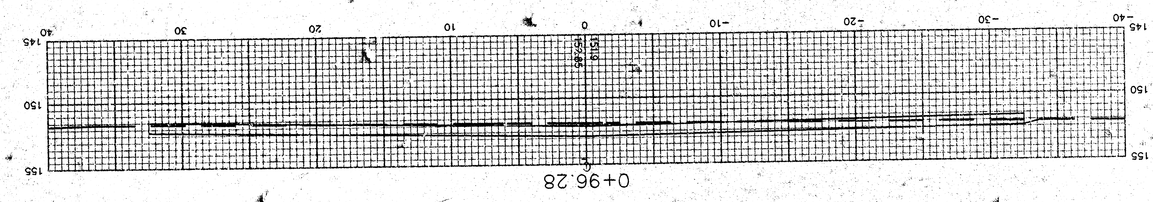


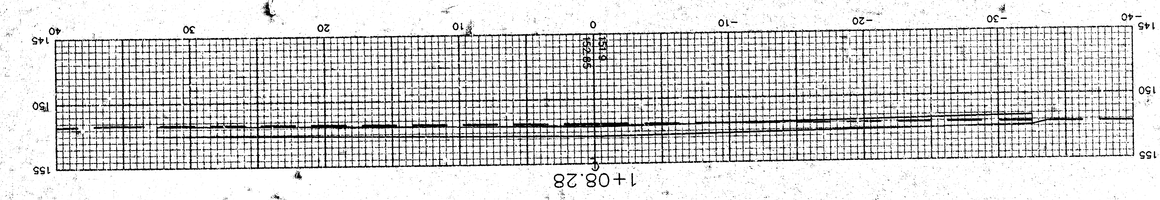


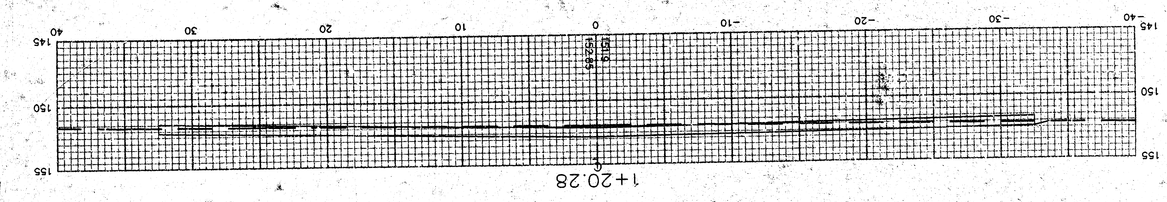


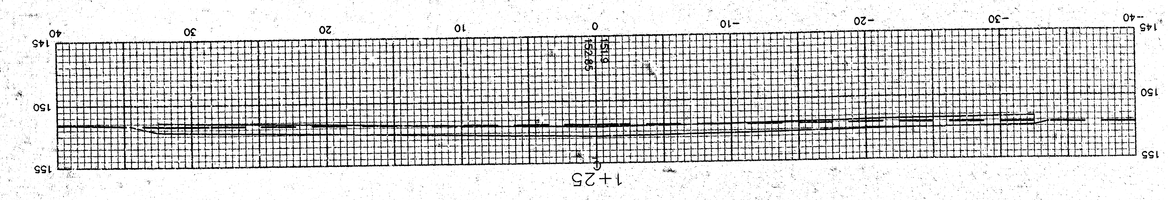












State	Project Number	Year	Sheet No.	Total Sheets
Kansas	472-82575	1995	5	5

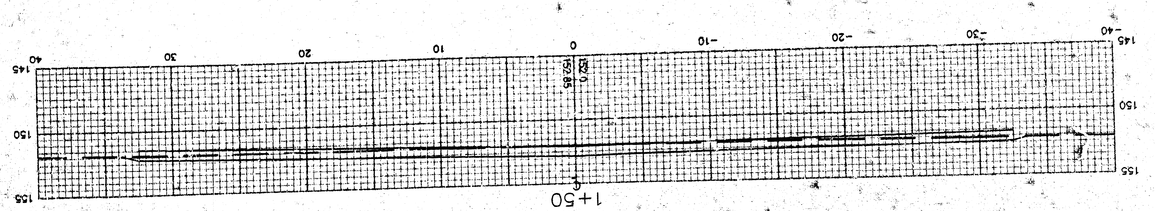
Description **Swanson Park**
Cross Sections

Scale:
Date: August 1995
Drawn By: SAC
Revised:
Index No.: 785352

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
City Engineer – Michael E. Lindebak

18-S-8

Parking Lot



STATION	AREAS Square Feet CUT	AREAS Square Feet FILL	VOLUMES Cubic Yards CUT	VOLUMES Cubic Yards FILL	CUMULATIVE VOLUMES Cubic Yards CUT	CUMULATIVE VOLUMES Cubic Yards FILL
0+00	11.91	1.72	9.65	1.59	9.65	1.59
0+25	8.94	1.71	7.19	2.19	16.84	3.76
0+50	6.59	2.97	3.34	1.99	20.18	5.75
0+65	5.42	4.18	0.84	1.91	21.02	7.66
0+75	5.28	4.40	0.44	0.94	21.46	8.60
0+79.84	5.54	4.48	3.46	2.46	24.92	11.06
0+96.28	5.84	3.60	2.43	4.70	27.35	15.75
1+08.28	5.10	17.55	2.95	4.37	30.30	20.12
1+20.28	8.18	2.11	1.45	0.41	31.75	20.53
1+25	8.36	2.53	10.02	1.41	41.77	21.94
1+50	13.28	0.52	9.37	0.28	51.13	22.22
1+67.28	15.98	0.35	0.00	0.00	51.13	22.22

STATION	AREAS Square Feet CUT	AREAS Square Feet FILL	VOLUMES Cubic Yards CUT	VOLUMES Cubic Yards FILL	CUMULATIVE VOLUMES Cubic Yards CUT	CUMULATIVE VOLUMES Cubic Yards FILL
0+95.16	2.41	1.24	0.42	0.23	0.42	0.23
1+00	2.44	1.27	0.04	0.04	0.46	0.27
1+25	7.72	0.65	0.94	0.11	1.40	0.38
1+50	5.92	0.81	1.64	0.18	3.04	0.56
1+60.94	3.27	0.97	1.66	0.21	4.70	0.77
1+75	4.67	0.87	2.93	0.27	7.63	1.04
2+00	6.54	0.68	4.15	0.28	11.78	1.32
2+26.09	7.61	0.63	5.31	0.26	17.09	1.58
2+50	7.64	0.72	5.80	0.25	22.89	1.83
2+75	4.45	0.97	3.07	0.32	25.96	2.15
2+93.03	17.93	0.08	4.01	0.05	29.97	2.20
3+04.21	23.83	0.00	2.31	0.00	32.28	2.20

Access Roadway

