ACCESS ROADWAY & PARKING LOT PAVEMENT CONSTRUCTION

IN PAWNEE PRAIRIE PARK

CITY OF WICHITA, KANSAS

INDEX NO. 785212

PROJECT NO. 472-82201

GENERAL NOTES

1. The contractor is solely responsible to notify and to make any necessary arrangements with utility companies for any needed adjustments of utility facilities prior to start of work.

2. Contractor will be required to provide as minimum advance notice of forty-eight (48) hours to utility companies prior to starting any excavation as follows:

Kansas One Call	687-2470
Southwestern Bell Telephone Company	1-316-571-2611
Cablevision	262-4270 or 263-2061
KPL Gas Service	263-7511
Kansas Gas & Electric	264-1141
City of Wichita Water Department	268-4908
City of Wichita Sewer Department	268-4071
Arkla Gas Company	942-8350 or 263-8161

3. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided where proposed abuts an existing surface course or pavement removal. Saved joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.

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 operation.

5. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of by the Contractor. The cost of disposing of rubble from the removal of miscellaneous structures and excess excavation, including loading and hauling shall be included in the unit cost of excavation.

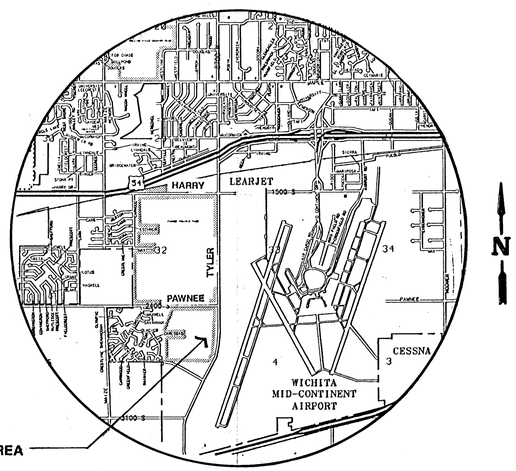
6. Where the proposed construction limit finish grade elevation does not match the existing ground elevation, the earth work shall extend one foot beyond the construction limit line and then slope up or down using permissable slopes to match the existing surface.

7. All riprap for this project shall be natural stone or pre-mixed dry packaged concrete bag. Ripraps are to be placed neatly.

8. 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 work.

9. 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.

10. Contractor shall seed, mulch and fertilize ditch bottom and side slopes per City specification.



VICINITY MAP
No Scale

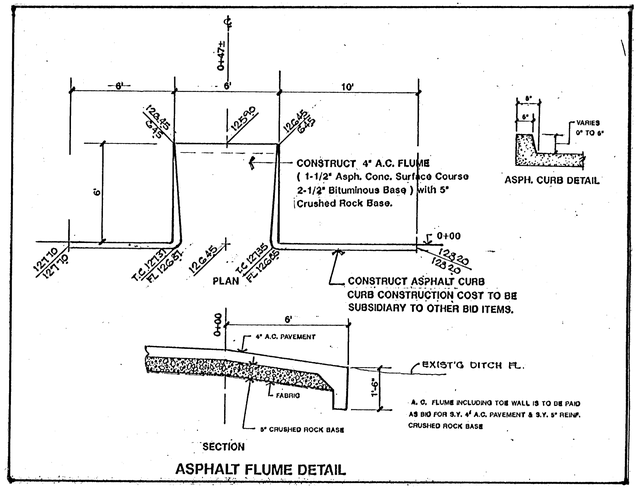
INDEX

Sheet No.	Description
1	TITLE SHEET
2	CONSTRUCTION PLAN
3	CONSTRUCTION PLAN with DETAILS
4-5	CROSS SECTIONS

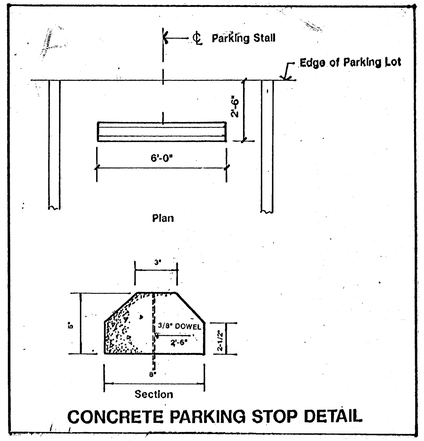
M. E. LINDEBAK, P.E.; CITY ENGINEER

REHROZ RAHBAR ZOHRE
License #8773
PROFESSIONAL ENGINEER

TELEDYNE NATIONAL NO. 185A-24X36

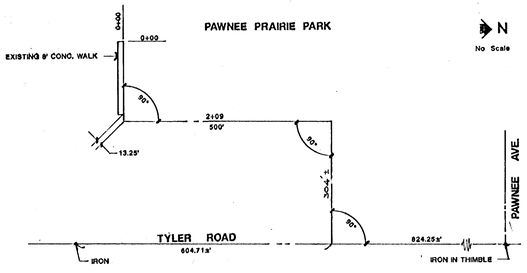


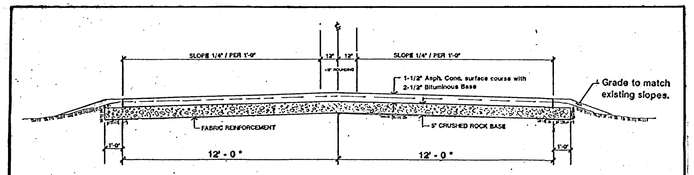
ASPHALT FLUME DETAIL



CONCRETE PARKING STOP DETAIL

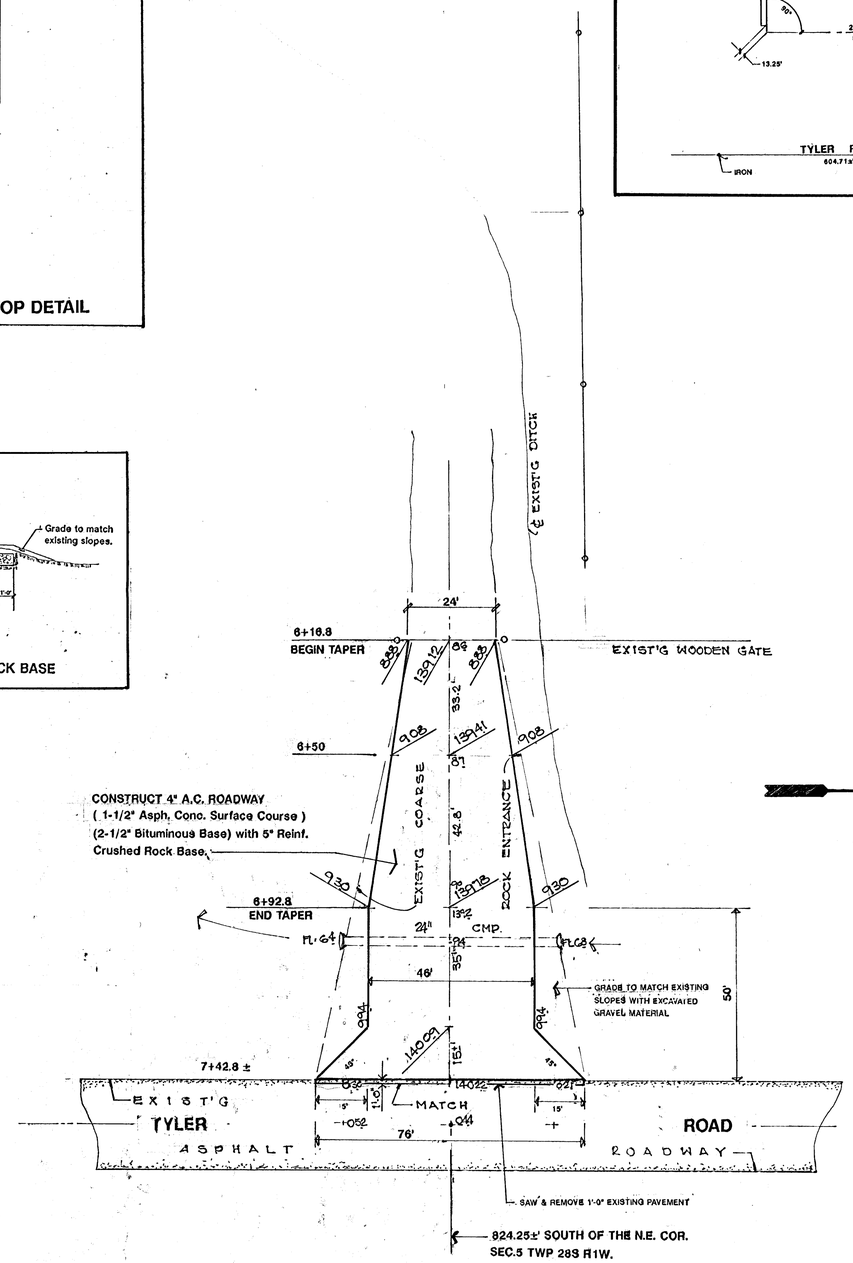
NOTE: These plans were prepared using information from Pawnee Prairie Park topographical survey. Field Engineer shall verify existing elevations and horizontal dimensions on these plans and make adjustments as necessary between actual construction and construction plans.

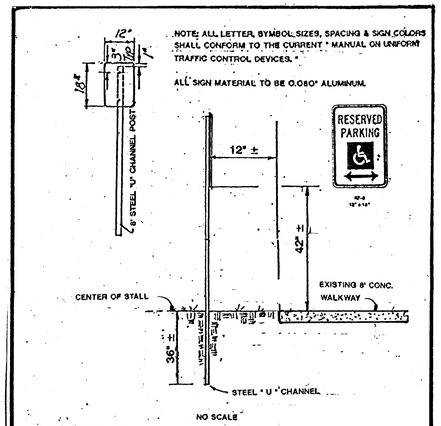




TYPICAL SECTION

24' ASPHALTIC CONCRETE ROADWAY WITH REINF. CRUSHED ROCK BASE





RESERVED PARKING SIGN INSTALLATION DETAIL

FABRIC BASE REINFORCEMENT SHALL BE 8 X 1100 AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED.

	PER CENT OF AGGREGATE RETAINED
2-1/2"	0
3/4"	20 to 60
# 4	50 to 80
# 40	80 to 94
# 200	90 to 98

ROCK QUALITY SHALL CONFORM TO THE REQUIREMENTS SPECIFIED BY K.D.O.T. 1990 EDITION STANDARD SPECIFICATION SUBSECTION 1102 FOR DURABILITY CLASS L

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.

REINFORCED CRUSHED ROCK BASE WILL BE PAID FOR AT THE SQUARE YARD PRICE FOR 5" THICKNESS.

All grassed areas disturbed by the construction improvements under this contract shall be replanted with buffalo grass seed at an application rate of 2 lbs. per 1000 sq. feet. Seeding to be applied between May 1 & July 1.

NOTE: ALKALOID FAST DRY TRAFFIC MARKING PAINT AS APPROVED BY THE ENGINEER.

SEYHOOZ RAHIMI
License #9778
PROFESSIONAL ENGINEER

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PAWNEE PRAIRIE PARK

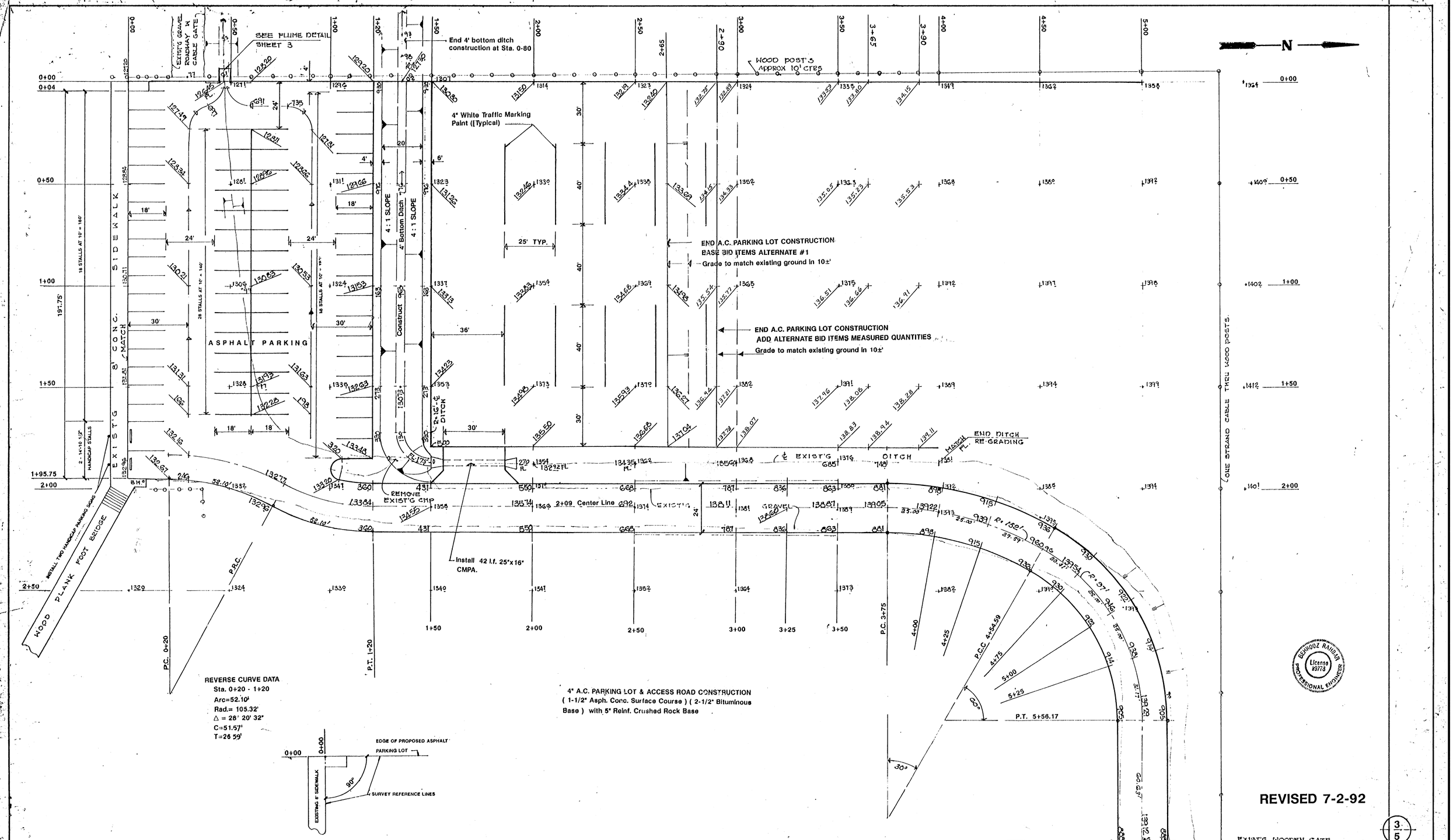
ACCESS ROADWAY & PARKING LOT PAVEMENT CONSTRUCTION

SCALE: 1" = 20'	APPROVED BY	DRAWN BY	Bill Elliott
DATE:			

PLAN & DETAILS

DRAWING NUMBER

NP TELEDYNE NATIONAL NO. 1805-24X36



REVERSE CURVE DATA
Sta. 0+20 - 1+20
Arc=52.10'
Rad.= 105.32'
Δ = 28° 20' 32"
C=51.57'
T=26.59'

4" A.C. PARKING LOT & ACCESS ROAD CONSTRUCTION
(1-1/2" Asph. Conc. Surface Course) (2-1/2" Bituminous Base) with 5" Reinf. Crushed Rock Base

B.M. 132.93 "D" IN N.W. COR. 4' CONC.
019.5 N. - 1196 E.

Curve Data based on ℄ Rad. = 152.00'
Δ = 30° T=40.73 C=78.68'

STATION	ARC	CHORD	DEFL.	TOTAL DEFLECTION
P.C. 3+75				0° 00' 00"
4+00	25.00'	24.97'	4° 42' 42"	4° 42' 42"
4+25	25.00	24.97'	4° 42' 42"	9° 25' 24"
P.C.C.4+54.59	29.59	29.54'	5° 34' 36"	15° 00' 00"

Curve Data based on ℄ RAD. = 97.00'
Δ = 60° T=56.00 C=97.00'

STATION	ARC	CHORD	DEFL.	TOTAL DEFLECTION
P.C.C.4+54.59				0° 00' 00"
4+75	20.41'	20.37'	6° 01' 40"	6° 01' 40"
5+00	25.00'	24.93'	7° 23' 00"	13° 24' 40"
5+26	25.00'	24.93'	7° 23' 00"	20° 47' 40"
P.T. 5+56.17	31.17'	31.04'	9° 12' 20"	30° 00' 00"

BEHROOZ RAHDAR
License #9773
PROFESSIONAL ENGINEER

REVISED 7-2-92

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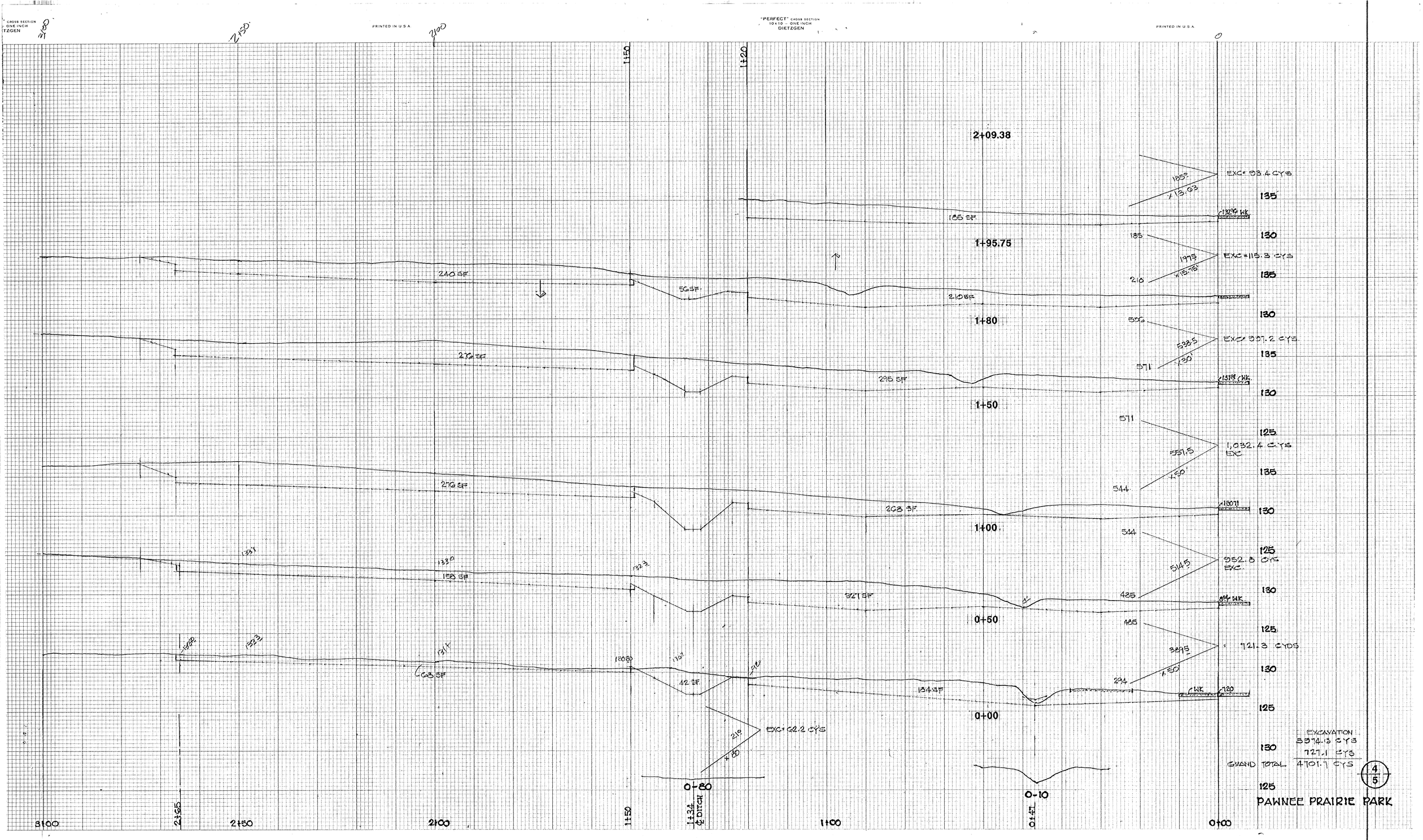
PAWNEE PRAIRIE PARK
ACCESS ROADWAY & PARKING LOT PAVEMENT CONSTRUCTION

SCALE: 1" = 20'	APPROVED BY	DRAWN BY Bill Elliott
DATE:		

PLAN


2+09.38
1+95.75
1+80
1+50
1+00
0+50
0+00
0-80
0-10
EXC= 93.4 CYS
EXC= 115.3 CYS
EXC= 207.2 CYS
1,032.4 CYS EXC
952.8 CYS EXC.
721.3 CYS
EXC= 62.2 CYS
185 SF
210 SF
295 SF
208 SF
267 SF
184 SF
240 SF
270 SF
270 SF
150 SF
63 SF
42 SF
56 SF
EXCAVATION 3974.3 CYS
727.1 CYS
GRAND TOTAL 4701.7 CYS
4/5
PAWNEE PRAIRIE PARK

"PERFECT" CROSS SECTION
10 x 10 — ONE INCH
DIETZGEN

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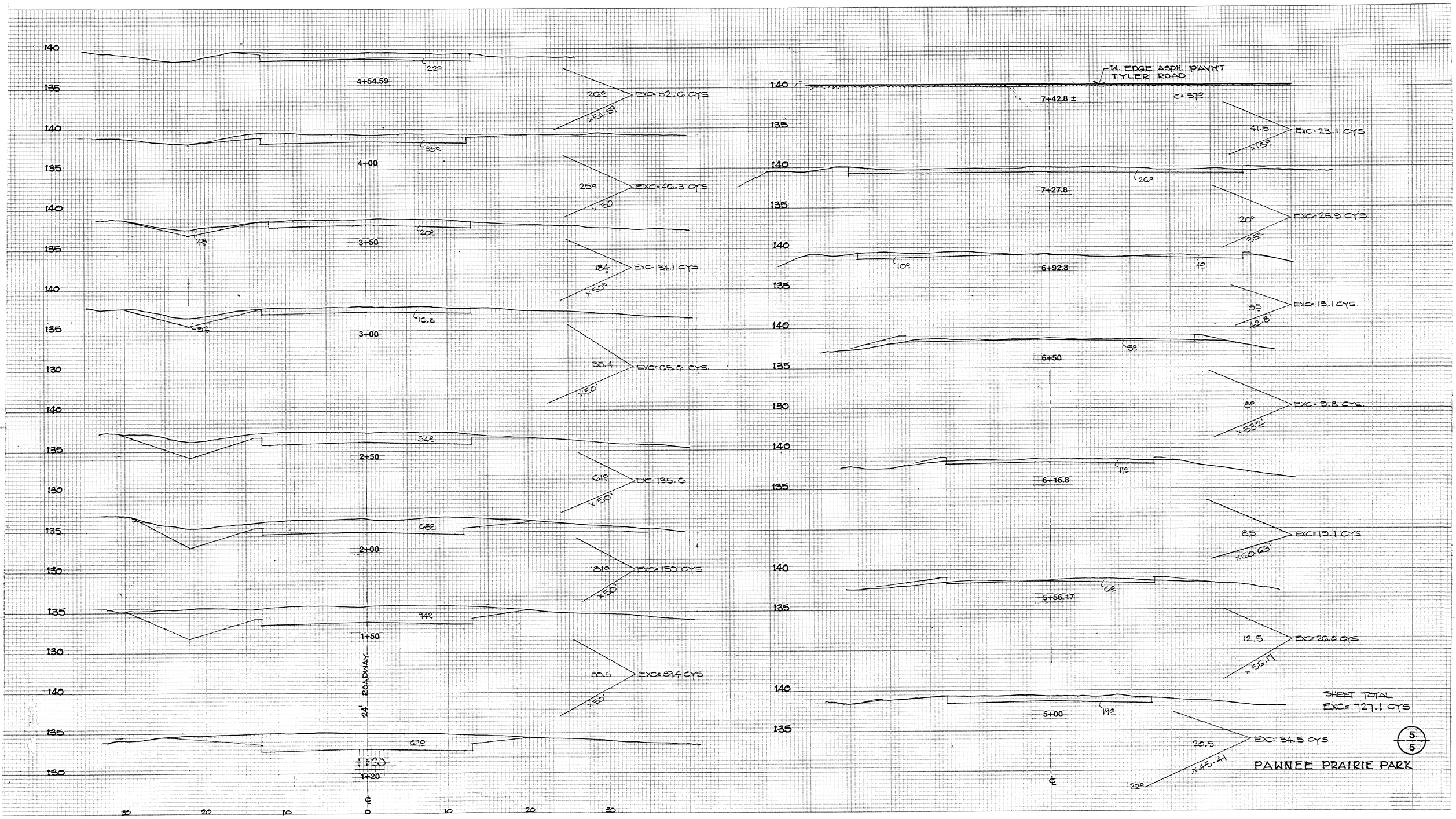

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