STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	1	538

Field Check Oct 19, 2010
Plans being developed by City of Wichita

INDEX OF SHEETS

VOLUME 1 - ROADWAY, DRAINAGE, SEWER, WATER, GUARDRAIL
VOLUME 2 - RETAINING WALLS, BRIDGES, FENCING, SIGNING, CONSTRUCTION SEQUENCE, RIGHT-OF-WAY
VOLUME 3 - CROSS SECTIONS
SEE SHEET NO. 2 FOR INDEX SHEET

STATE OF KANSAS

DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED

STATE HIGHWAY

FEDERAL AID PROJECT

CITY OF WICHITA

SEDGWICK COUNTY

US-54

No Railroads @ time of field check

SCALE 500' 0 500' 1000'

PROJ. 54-87 KA-1164-01
NHS-
GRADING
SURFACING
CONCRETE PAVEMENT
STORM SEWER
SANITARY SEWER
WATERLINE
GUARDRAIL
WALLS
BRIDGES
FENCING
SIGNING

City to provide KDOT w/ 1 set plan producibles prior to letting
1 set "As Built" plans

Sta. 660+15.49
Br. No.
46'-56'-46'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-60' & 1-68' Roadway, 17° Skew Lt.

Sta. 680+14.13
Br. No.
120'-130'-120'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-80' & 1-60' Roadway, 0° Skew

STA. 631+00 BEGIN
Proj. 472 84614 =
Sta. 631+00 END
Proj. 472 84615

Sta. 659+92. 76, 74.00' Lt.
Br. No.
42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-50' Roadway, 17°04'36" Skew Lt.

Sta. 2728+49.61
Br. No.
75'-85'-75'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-28' Roadway, 1-6' Sidewalk, 0° Skew

Sta. 2720+66.14
Br. No.
48'-64'-48'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-28' Roadway, 1-6' Sidewalk, 20° Skew Rt.

Sta. 730+88.26
Br. No.
85'-90'-100'-100'-120'-122'-120'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
2-60' Roadways, 0° Skew

STA. 748+20 END
Proj. 472 84614

Sta. 746+72.83
Br. No.
20'x10'x559' RCB
60° Skew Rt.

Sta. 1621+80.88
Br. No.
122'-122' Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-40' Roadway, 1-6' Sidewalk, 26°17'31" Skew Rt.

Sta. 1663+61.08
Br. No.
42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-40' Roadway, 1-6' Sidewalk, 16°21'08" Skew Lt.

Sta. 56+50.56, 5.00' Rt.
Br. No.
42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-37' Roadway, 1-6' Sidewalk, 0° Skew

Sta. 1723+06.72
Br. No.
48'-64'-48'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-40' Roadway, 1-6' Sidewalk, 20° Skew Rt.

Sta. 56+50.56, 21.00' Lt.
Br. No.
42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-39' Roadway, 1-10' Sidewalk, 0° Skew

Sta. 17.31+61.25
Br. No.
75'-85'-75'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-64' Roadway, 1-6' Sidewalk, 0° Skew

Sta. 720+30.99
Br. No.
52'-65'-52'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
2-60' Roadways, 20° Skew Rt.

NOTE:
Traffic for US-54 to be carried through construction.
See Sheet No's. 234 - 258 for Construction Sequence.

DESIGN DESIGNATION

AADT (2010)	=	31,100
AADT (2040)	=	99,900
DHV	=	7640 (EB&WB)
D	=	0.52 (EB)
T	=	8%
V	=	70 MPH (US-54)
C of A	=	FULL
Clear Zone	=	34' (US-54), 6' from Back Curb (Fr. Rds. & Sideroads)

CONVENTIONAL SIGNS

COUNTY LINE		CENTER LINE OF PROJECT	50 1
CITY LIMITS		TERRACE	
STATE OR NATIONAL LINE		CULVERTS	
TOWNSHIP, SECTION or GRANT LINE		DROP INLET & STORM SEWER	
PROPERTY LINE		ACCESS CONTROL	
HIGHWAY FENCE		POWER POLE	
EXISTING FENCE		TELEPHONE POLE	
GUARD FENCE		MARSH	
CONSTRUCTION LIMITS		HEDGE	
RIGHT OF WAY LINE		TREES	
TRAVELED WAY		PROFILE ELEVATION	1172.8 / 50
RAILROADS		STREAM or CREEK	

GROSS LENGTH OF PROJECT	11,720.00	FT.	
EXCEPTIONS	0.00	FT.	
ADDITIONS	0.00	FT.	
NET LENGTH OF PROJECT	11,720.00	FT.	2.220 MILES
NET LENGTH OF BRIDGES	1,436.33	FT.	0.272 MILES
NET LENGTH OF ROAD	10,283.67	FT.	1.948 MILES

City to let ?
Remove KDOT/FHWA signature blocks

PRELIMINARY-FOR FIELD CHECK ONLY
SEP 27 2010

RECOM. FOR APPROVAL-DATE	RECOM. FOR APPROVAL-DATE
CHIEF, BUREAU OF DESIGN KANSAS DEPARTMENT OF TRANSPORTATION	ENGINEER FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION
APPROVED - DATE	APPROVED - DATE
STATE TRANSPORTATION ENGINEER KANSAS DEPARTMENT OF TRANSPORTATION	DIVISION ADMINISTRATOR FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

DATE | BY | SURVEY | CADD TECHNICIAN | DESIGNERS | SQUAD

Drawn By : Plotted : 9/17/2010
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	-	2	538

VOLUME 1

1	Title Sheet
2	Index Sheet
3	General Notes
4-10	Typical Sections
11-30	Plan & Profile (Mainline)
31-66	Plan & Profile (Frontage Road)
67-72	Plan & Profile (Sideroad)
73-81	Benchmarks & Survey Coordinates
82-98	Plan & Profile (Ramp)
99-101	Intersection Details
102-109	Storm Sewer Plan & Profile (Mainline)
110-126	Strom Sewer Plan & Profile (Frontage Road)
127-130	Storm Sewer Plan & Profile (Sideroad)
131	Drainage Data Sheet
132-135	Sanitary Sewer Plan & Profile
136-154	Water Plan & Profile (Mainline)
155-158	Water Plan & Profile (Sideroad)
159	Guardrail

VOLUME 2

160	Title Sheet
161	Index
162-176	Retaining Walls
177-179	Bridge No. (South Frontage Road over KTA/I-35)
180-186	Bridge No. (Kellogg and Frontage Roads over Spring Branch Trib. #4)
187-189	Bridge No. (Kellogg over 143rd St.)
190-196	Bridge No. (Kellogg and Frontage Roads over Fourmile Creek)
197-205	Bridge No. (Kellogg and Frontage Roads over Brookhaven Creek and 159th St.)
206-210	Bridge No. (143rd St. over Spring Branch Trib. #4)
211	Bridge No. (Kellogg over Green Valley Tributary)
212-215	Fencing
216-220	Summary of Quantities
221-233	Signing
234-258	Construction Sequence
259-260	Traffic Volume
261-277	Right-of-Way
278-284	Drainage Maps

VOLUME 3

285	Title Sheet
286	Index Sheet
287-379	Cross Sections (Mainline)
380-412	Cross Sections (Ramps)
413-510	Cross Sections (Frontage Roads)
511-520	Cross Sections (Sideroads)
521-538	Cross Sections (Channel)

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.	-

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CITY OF WICHITA

INDEX SHEET

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		3	538

1. Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface & subsurface conditions. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed.

2. The Contractor shall not start work on the Project until the Project Inspector is assigned and is present on site. Any work done without inspection will be required to be uncovered for inspection.

3. The geological information shown on these plans is from the studies made in the field and represents the best information available.

4. The Contractor shall give all property owners/tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.

5. The Contractor shall give the KTA a minimum of thirty (30) days advance notice prior to starting construction and/or traffic control items affecting the KTA. Contact John Potter of the KTA at 652-2672.

6. Interurban traffic generated outside the project area and local business or apartment traffic generated within the project area are to be carried through construction, as described in the proposed construction sequencing.

7. Traffic Control: With traffic as detailed in Construction Sequencing shown elsewhere in these plans, contractor shall provide, erect, and maintain traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (M.U.T.C.D.) as shown on the Traffic Control plans and subject to Engineer's approval. Access to Residences & Businesses shall be maintained at all times.

8. Contractor Construction staking will be performed by the Construction Engineer. The contractor must coordinate the survey staking with the Construction Engineer and give the surveyor forty-eight (48) hours notice when stakes are required.

9. The Construction Engineer shall be responsible for preserving all section line monuments. The Construction Engineer shall take accurate ties to said monuments as well as submittal of the required forms to the Dept. of Archives, Kansas State Historical Society. Survey monuments will be furnished and installed by the Construction Engineer.

10. 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 at the Contractor's expense, by a licensed land surveyor in accordance with state laws. This work will not be paid for directly, but shall be considered SUBSIDIARY to other pay items of work in the contract.

11. Contractor will be required to provide a minimum advance notice of forty-eight (48) hours to utility companies prior to excavation or working adjacent to utilities. Kansas One-Call 687-2470.

12. Contractor shall be aware that some gas & telephone lines within the project corridor may have been abandoned in place as new lines are installed. The Contractor shall be responsible for contacting the appropriate owners to determine the status of said lines.

13. The Contractor shall be aware that he will be working in close proximity of existing utilities. Any conflicts with such utilities shall be reported to the Engineer. The Contractor shall coordinate the construction of this project with relocation of any existing utilities by the utility company.

14. Valve boxes and water meters within the project limits shall be adjusted to match final grade. The Water Department will field locate water valves one time 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.

15. Contractor shall remove and deliver to 1801 S. McLean all sewer manhole frame and lids, regulatory signs, street name signs, signal poles, signals, mast arms, cabinet, etc. noted for removal during construction. All associated costs to transport the salvaged material will be SUBSIDIARY to the bid item "Transportation of Salvaged Materials" (Non-Participating).

16. All guardrail including hardware and posts to be removed intact and stockpiled within project right-of-way to be picked up by KDOT.

17. Utility service lines, poles, valve boxes, meters, 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.

18. At borrow area locations adjacent to the right-of-way, utility poles may be set at the permanent locations prior to construction as approved by the Engineer provided a minimum vertical clearance, in accordance with the National Electrical Safety Code, is obtained. The Contractor will be required to work around these poles to complete the work.

19. 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.

20. All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation, etc. 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 U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.

21. 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.

22. Any tree that must have branches removed shall be trimmed with a sharp instrument/tool that is intended for such operations. Consult with Design Engineer prior to trimming. Knocking branches off with a backhoe or other similar machine is not acceptable!

23. All entrance and cross road pipe within the project limits shall be removed by the Contractor unless otherwise noted on the plans. Removal of such pipes shall conform to the applicable section of the Standard Specifications.

24. 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 at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits 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.

25. Geogrid Reinforcement for the rock base shall be Tensar BX1100 as manufactured by the Tensar Corporation, or Geolon HP570 as manufactured by Mirafi Corporation. Geogrid fabric shall be SUBSIDIARY to the installation of the Reinforced Crushed Rock Base.

26. When beginning or ending full height curb, the height of the curb shall transition from 1.5" to 6" in a minimum of 5.00'.

27. All areas disturbed by the construction that are adjacent to developed properties shall be restored with sod to match the existing turf type. Restoration of disturbed areas shall include, but not be limited to, top soil preparation, fertilizer, and sod installation. All sodding work shall be in accordance with the City of Wichita Standard Specifications and City of Wichita Administrative Regulation No. AR6.5, which governs cleanup and restoration or replacement following construction. The "Recapitulation of Quantities" shows the estimated Square Yards of disturbed area to be sodded, from construction limit to construction limit. When the weather/season prevents the installation of sod, the Contractor shall be responsible for installing Erosion Control Blanket (Curlex I, or approved equal) at the back of curb (8' minimum wide). All costs for this work will be paid for through the bid item "Sodding".

All areas disturbed by construction that are adjacent to non-developed properties shall be restored by seeding with a mixture of Ryegrass (applied at a rate of 50 lbs. per acre) and Buffalo grass (applied at a rate of 200 lbs. per acre). Restoration of disturbed areas shall include, but not be limited to, topsoil preparation, seeding, fertilizer and mulching. All seeding work shall be in accordance with the City of Wichita Standard Specifications and City of Wichita Administrative Regulation No. AR6.5, which governs cleanup and restoration or replacememnt following construction. The seed shall be watered with deep soaking for a period of 20 days, starting with the last placement of seed on the project. The "Recapitulation of Quantities" shows the estimated Square Yards of disturbed area to be seeded, from construction limit to construction limit.

Strip and stockpile the top 6" of native topsoil from all excavation and embankment areas. This soil shall be used to complete the top 6" of embankments, and finish cut slopes and other areas to be permanently seeded. This work shall be SUBSIDIARY to the bid item "Excavation".

The Contractor shall be responsible for installing Erosion Control Blanket (Excelsior - Curlex I, or approved equal), over all seeded areas. All costs associated with permanent seeding and erosion blanket will be paid for through the bid item "Project Seeding".

The plans indicate which areas are to be sodded and, when applicable, which areas are to be seeded, and provide estimated quantities accordingly.

28. 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 be sloped up or down using a 6:1 Slope (Max.) unless otherwise shown to match the existing ground surface.

29. The Contractor has the option of utilizing cast in place or pre-cast box culverts.

30. Contractor must implement erosion control methods during construction to prevent unnecessary silt/sediment discharge to downstream properties and/or storm sewer systems. Contractor will install and maintain erosion controls as shown on the plans or directed by the Engineer. These controls may include: hay bales, silt fences and other controls as approved by the City Engineer's office.

Conduct all construction operations such that less than 10 acres of soil are disturbed and remain unrestored at any one time. Alternately, provide the sedimentation basins and storm water treatment, sampling, testing and reporting required by 40 CFR 450, all at Contractor's expense, including all design, temporary construction, easements and permits necessary. Temporary sedimentation basins will not be permitted at any locations beneath any permanent paving, retaining walls or other structures unless approved by the Engineer, and the subgrade shall be completely restored before commencing permanent construction.

31. All borrow to be obtained from areas provided by the Contractor shall be approved by the Engineer, both as to suitability of material and site location. Locations which, in the opinion of the Engineer, contain unsuitable material or will leave an unsightly appearance on the project will not be approved.

32. Channels shall be cut at box culverts (unless otherwise noted) to flow line elevations and to a width of one foot outside of each outside wall and with slopes 2 to 1 prior to construction of the culvert.

33. Embankment Quantities for initial consolidation and settlement shown in the Earthwork Quantities are SUBSIDIARY to other earthwork items. Material for the embankment is included in the Excavation Quantities.

CITY OF WICHITA

GENERAL NOTES

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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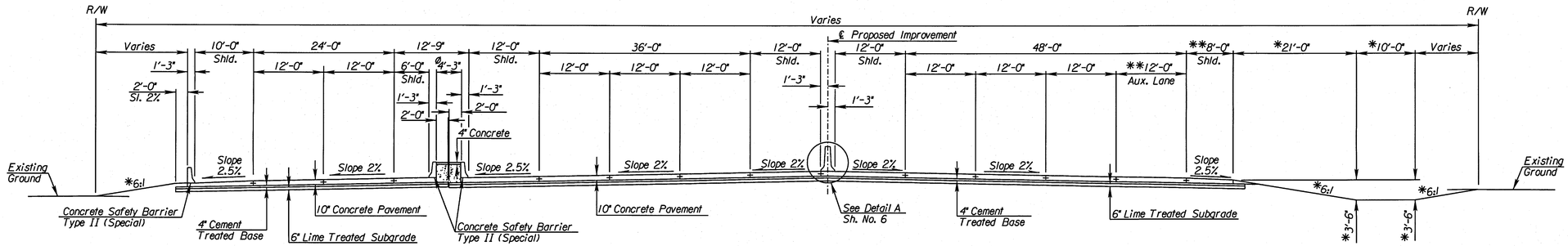
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	4	538



FILL SECTION

KELLOGG W/ CD ROAD TYPICAL SECTION
STA. 631+00 TO STA. 649+28.67 LT.
STA. 660+50.59 TO STA. 663+30.37 LT.
STA. 631+00 TO STA. 646+22.41 RT.
STA. 656+68.06 TO STA. 661+05.43 RT.

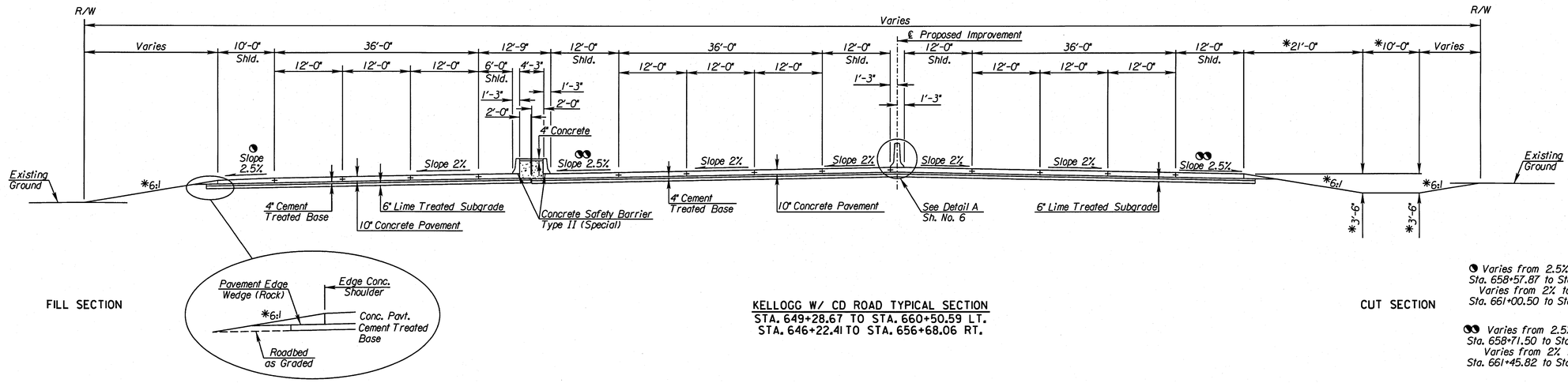
CUT SECTION

Note: Intersection of all slope lines shall be softened and rounded for pleasing appearance.

** Dimensions and slopes for standard ditches and fills. See plan and cross-sections for variations.*

*** Varies through K-96 Interchange. See Sh. No. 82*

Ø Varies from 4'-3" to 6'-2" Sta. 638+10 to Sta. 638+35
Varies from 6'-2" to 4'-3" Sta. 639+25 to Sta. 639+50



FILL SECTION

KELLOGG W/ CD ROAD TYPICAL SECTION
STA. 649+28.67 TO STA. 660+50.59 LT.
STA. 646+22.41 TO STA. 656+68.06 RT.

CUT SECTION

◔ *Varies from 2.5% to 2%*
Sta. 658+57.87 to Sta. 658+72.87
Varies from 2% to 2.5%
Sta. 661+00.50 to Sta. 661+15.50

◔◔ *Varies from 2.5% to 2%*
Sta. 658+71.50 to Sta. 658+86.50
Varies from 2% to 2.5%
Sta. 661+45.82 to Sta. 661+60.82

CITY OF WICHITA

EAST KELLOGG

TYPICAL SECTIONS

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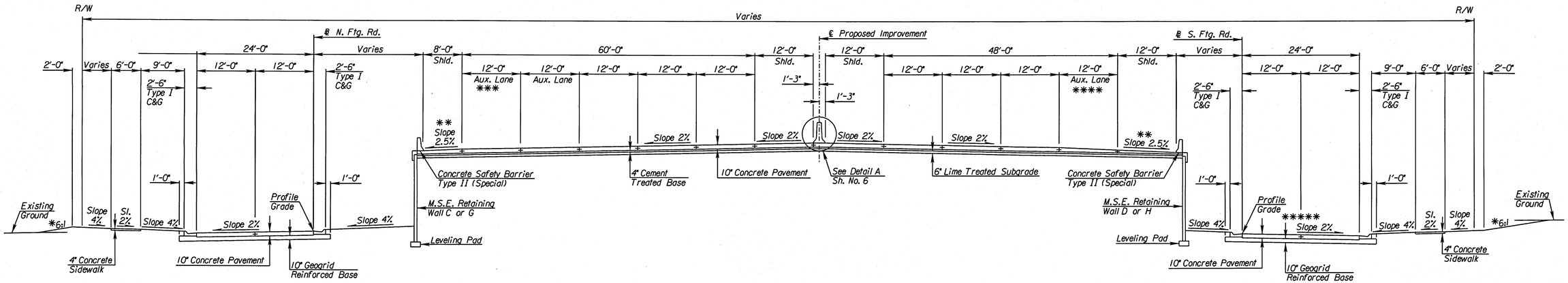
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	5	538



FILL SECTION

KELLOGG TYPICAL SECTION - ELEVATED ROADWAY
STA. 670+34.04 TO STA. 690+53.44 LT.
STA. 661+05.43 TO STA. 691+52.63 RT.

CUT SECTION

Note: Intersection of all slope lines shall be softened and rounded for pleasing appearance.

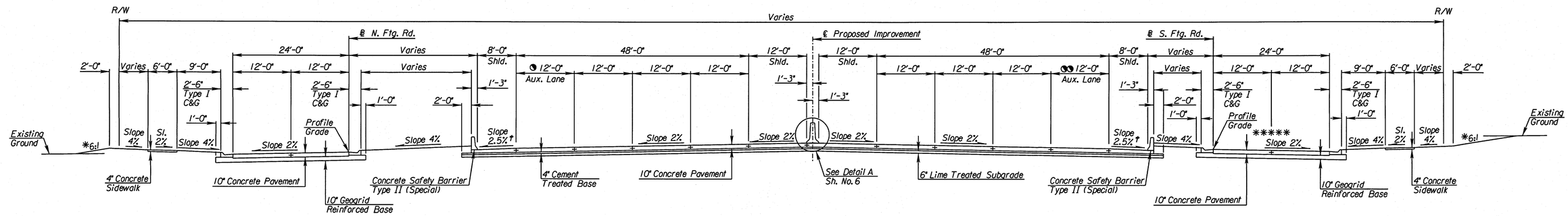
* Dimensions and slopes for standard ditches and fills. See plan and cross-sections for variations.

** Varies from 2.5% to 2%
Sta. 677+79.05 to Sta. 677+94.05
Varies from 2% to 2.5%
Sta. 682+34.22 to Sta. 682+49.22

*** Varies from 12' to 0'
Sta. 683+03.68 to Sta. 686+63.68.

**** Varies from 12 to 0'
Sta. 662+68.26 to Sta. 665+68.26

***** See Sh. No. 9 for S. Frontage Rd. Typical Section
Sta. 1685+45.82 to Sta. 1695+95.82



FILL SECTION

KELLOGG TYPICAL SECTION - AT GRADE
STA. 663+30.37 TO STA. 670+34.04 LT.
STA. 690+53.44 TO STA. 721+32.93 LT.
STA. 691+52.63 TO STA. 720+87.40 RT.

CUT SECTION

◔ Varies Sta. 663+30.37 to Sta. 670+34.04. See Sh. No. 92 (Ramp T).
0' from Sta. 705+54.29 to Sta. 721+32.93

◔◔ 0' from Sta. 710+13.05 to Sta. 720+87.40

† Varies from 2.5% to 2%
Sta. 718+73.18 to Sta. 718+88.18

CITY OF WICHITA

EAST KELLOGG

TYPICAL SECTIONS

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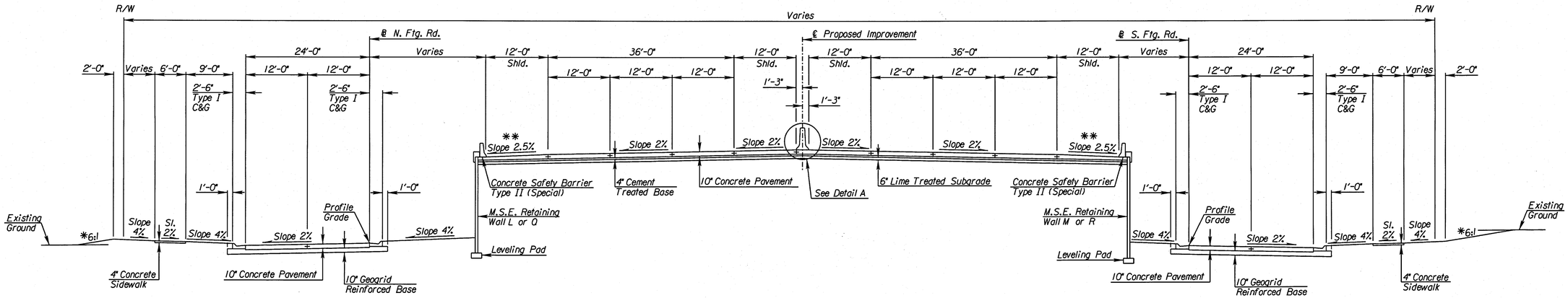

FILL SECTION

KELLOGG TYPICAL SECTION - ELEVATED ROADWAY
STA. 721+32.93 TO STA. 743+85.01 LT.
STA. 720+87.40 TO STA. 744+20.09 RT.

CUT SECTION

** Varies from 2.5% to 2%
Sta. 726+69.75 to Sta. 726+84.75
Varies from 2% to 2.5%
Sta. 721+73.80 to Sta. 721+88.80
Sta. 734+91.84 to Sta. 735+06.84

FILL SECTION

KELLOGG TYPICAL SECTION - AT GRADE
STA. 743+85.01 TO STA. 748+20 LT.
STA. 744+20.09 TO STA. 748+20 RT.

CUT SECTION

Note: Intersection of all slope lines shall be softened and rounded for pleasing appearance.

* *Dimensions and slopes for standard ditches and fills. See plan and cross-sections for variations.*

DETAIL A

CITY OF WICHITA

EAST KELLOGG

TYPICAL SECTIONS

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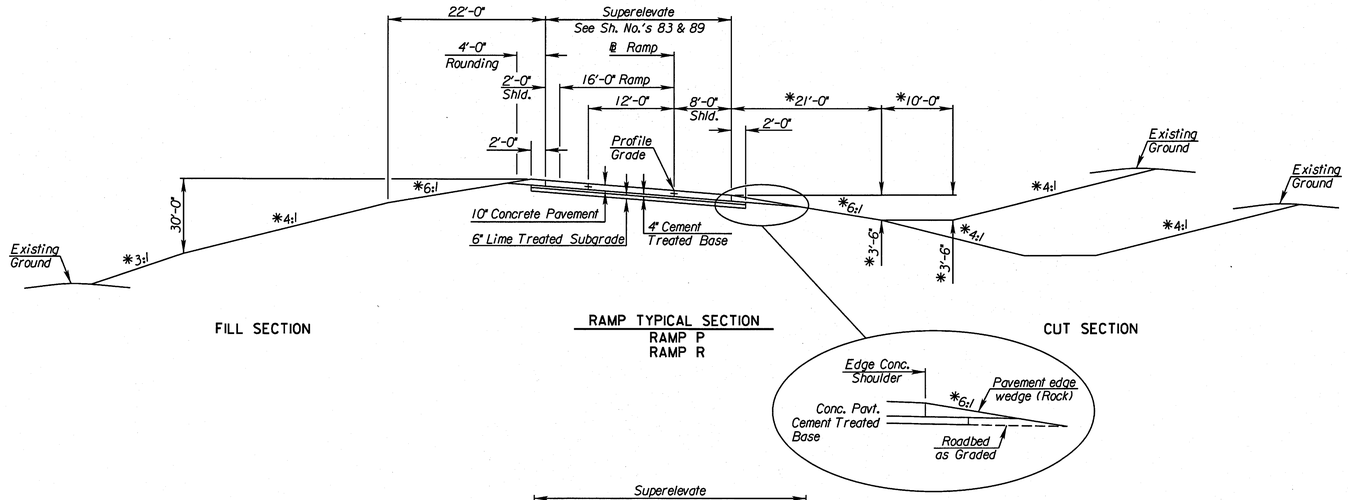
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	7	538



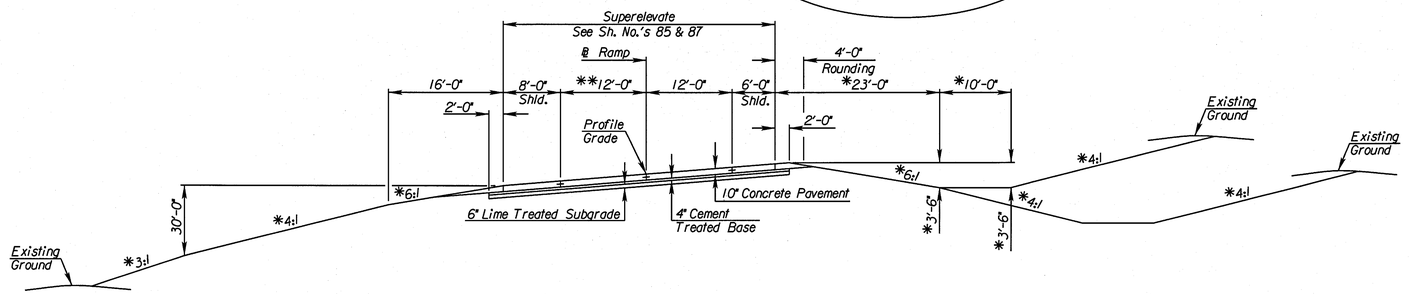
FILL SECTION

RAMP TYPICAL SECTION
RAMP P
RAMP R

CUT SECTION

Note: Intersection of all slope lines shall be softened and rounded for pleasing appearance.

* Dimensions and slopes for standard ditches and fills. See plan and cross-sections for variations.

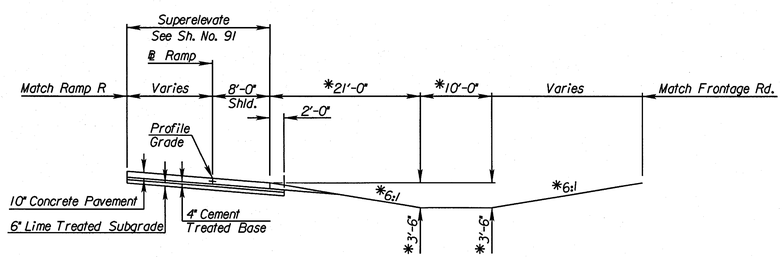


FILL SECTION

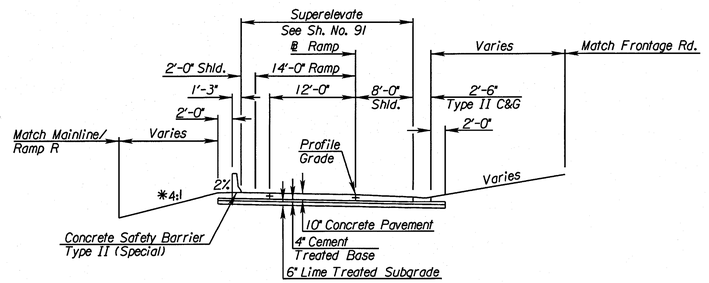
RAMP Q TYPICAL SECTION

CUT SECTION

** Varies from 0' to 12'
Sta. 206+33+46.93 to Sta. 206+38+96.93



RAMP S TYPICAL SECTION
Sta. 10646+64.80 to Sta. 10651+50



RAMP S TYPICAL SECTION
Sta. 10651+50 to Sta. 10658+02.03

CITY OF WICHITA

RAMP

TYPICAL SECTIONS

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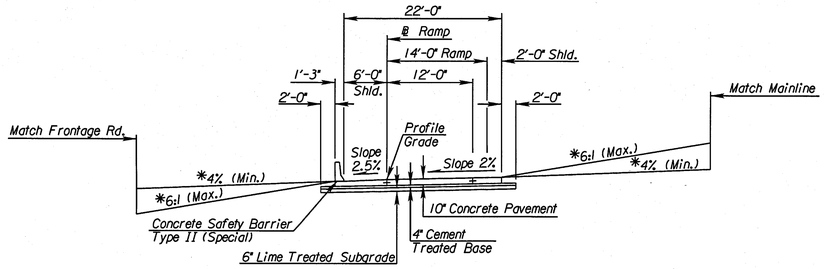
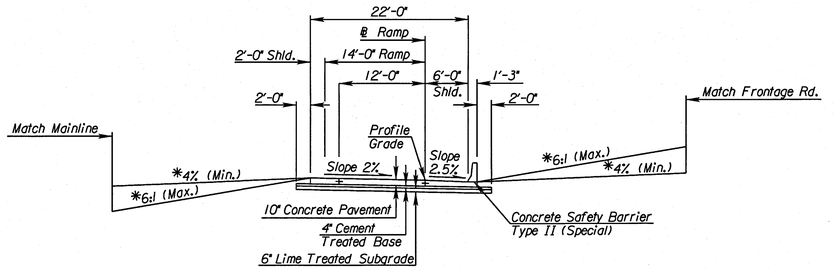
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
	-						

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	↓	8	538



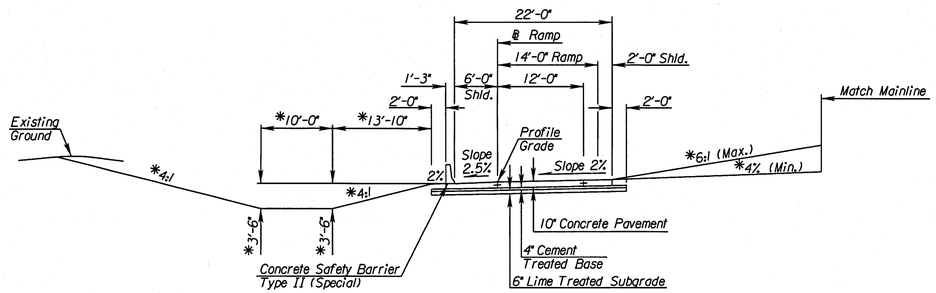
FILL SECTION CUT SECTION

RAMP TYPICAL SECTION
RAMP U
RAMP W

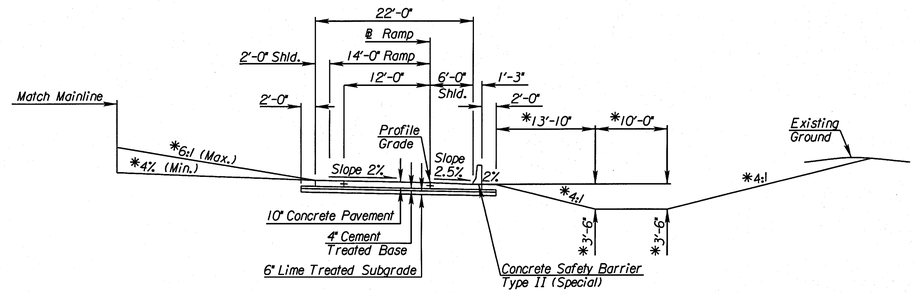


FILL SECTION CUT SECTION

RAMP TYPICAL SECTION
RAMP V
RAMP X



RAMP TYPICAL SECTION
RAMP Y



RAMP TYPICAL SECTION
RAMP Z

Note: Intersection of all slope lines shall be softened and rounded for pleasing appearance.

** Dimensions and slopes for standard ditches and fills. See plan and cross-sections for variations.*

CITY OF WICHITA

RAMP

TYPICAL SECTIONS

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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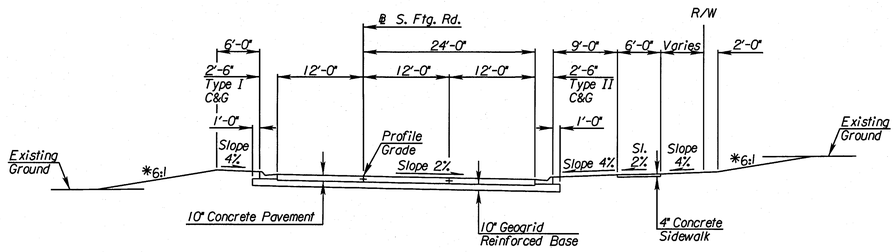
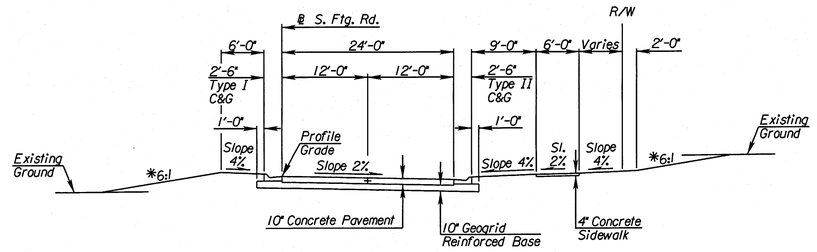
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		9	538



FILL SECTION CUT SECTION

SOUTH FRONTAGE ROAD TYPICAL SECTION
STA. 1616+85.55 TO STA. 1627+98.01

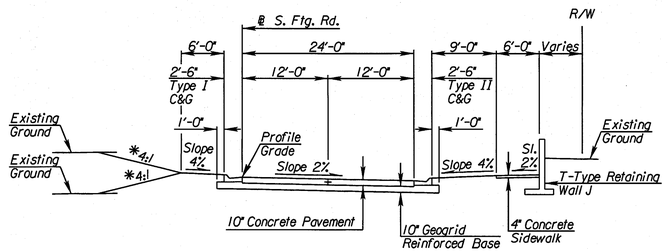


FILL SECTION CUT SECTION

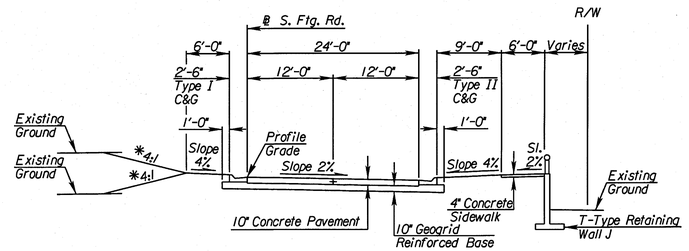
SOUTH FRONTAGE ROAD TYPICAL SECTION
STA. 1627+98.01 TO STA. 1664+20

Note: Intersection of all slope lines shall be softened and rounded for pleasing appearance.

* *Dimensions and slopes for standard ditches and fills. See plan and cross-sections for variations.*



SOUTH FRONTAGE ROAD TYPICAL SECTION
STA. 1685+45.82 TO STA. 1689+02.69



SOUTH FRONTAGE ROAD TYPICAL SECTION
STA. 1689+02.69 TO STA. 1695+95.82

CITY OF WICHITA

SOUTH FRONTAGE ROAD

TYPICAL SECTIONS

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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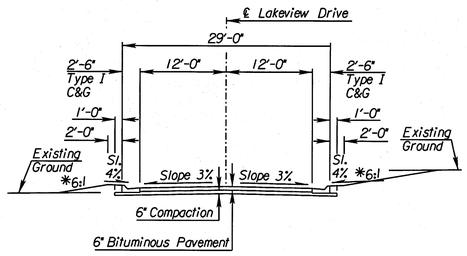
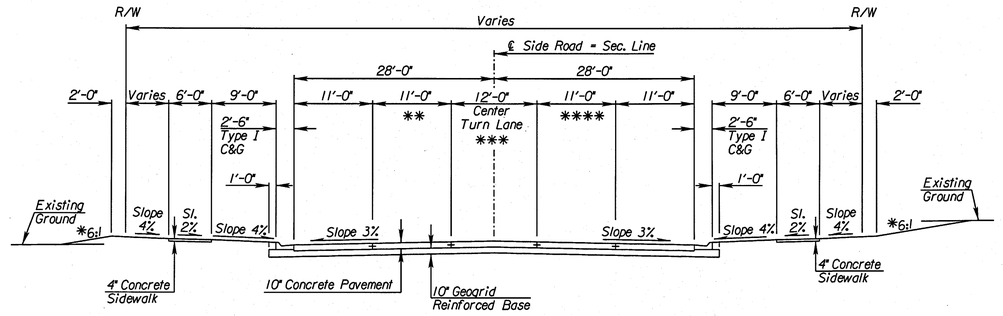
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	↓	10	538



FILL SECTION CUT SECTION

SIDE ROAD TYPICAL SECTION - LAKEVIEW DRIVE



FILL SECTION CUT SECTION

SIDE ROAD TYPICAL SECTION - 4 LANE W/CENTER TURN LANE

143RD STREET
STA. 39+50 TO STA. 40+84.13 LT.
STA. 39+50 TO STA. 43+35 RT.
STA. 58+55.35 TO STA. 61+00 LT.
STA. 59+24 TO STA. 61+00 RT.

159TH STREET
STA. 40+55.23 STA. 43+00 LT.
STA. 40+55.23 TO STA. 42+92 RT.
STA. 57+62.88 TO STA. 62+00

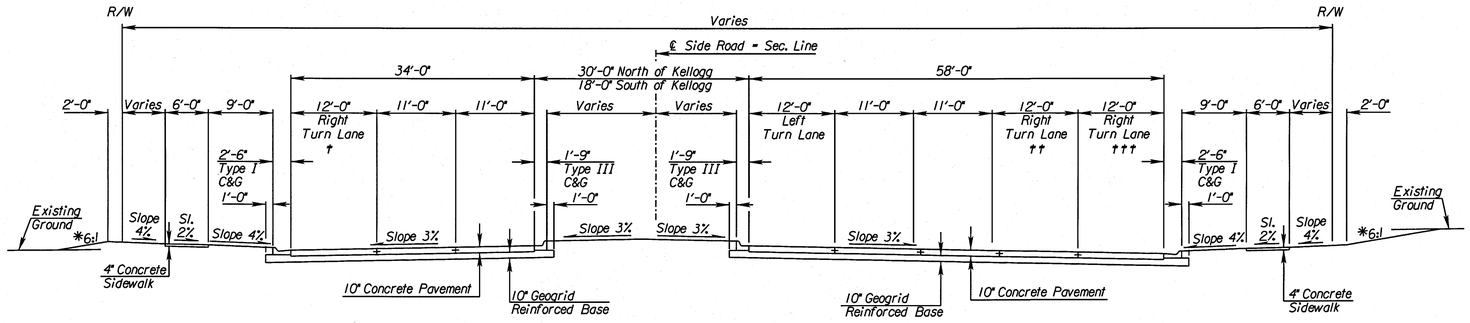
Note: Intersection of all slope lines shall be softened and rounded for pleasing appearance.

* Dimensions and slopes for standard ditches and fills. See plan and cross-sections for variations.

** Varies from 11' to 0'
Sta. 60+00 to Sta. 62+00 (159th Street)

*** Varies from 12' to 0'
Sta. 58+80 to Sta. 60+00 (159th Street)

**** Varies from 11' to 0'
Sta. 59+00 to Sta. 62+00 (159th Street)



† 0' Sta. 46+65 to Sta.47+81.08 Lt. (143rd Street)
0' from Sta. 44+38.42 to Sta. 48+01.39 Lt. (159th Street)
0' from Sta. 55+80 to Sta. 57+62.88 Lt. (159th Street)

†† 0' Sta.55+77.02 Sta. 57+62.88 Rt. (159th Street)

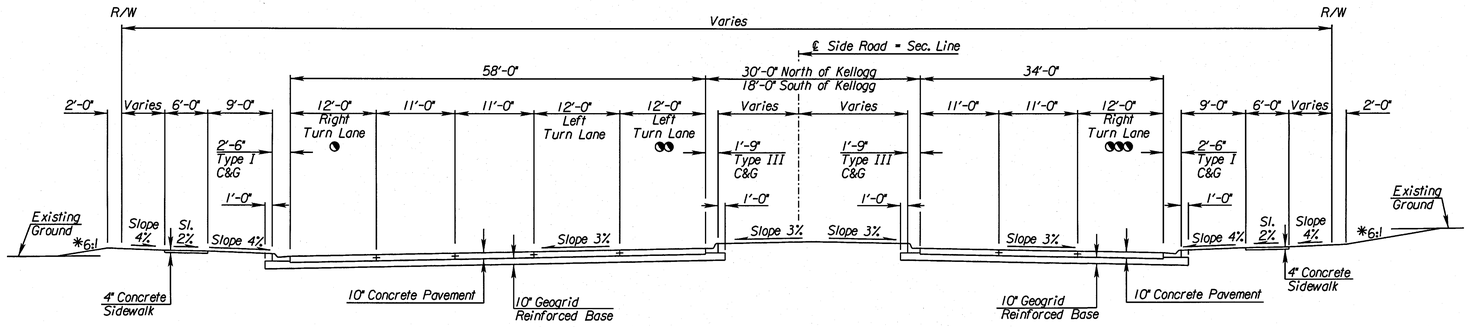
††† 0' Sta.55+77.02 Sta. 57+62.88 Rt. (159th Street)

FILL SECTION CUT SECTION

SIDE ROAD TYPICAL SECTION - INTERSECTION APPROACH

143RD STREET
STA. 40+84.13 TO STA. 47+81.08 LT.
STA. 43+35 TO STA. 47+81.08 RT.
STA. 54+80 TO STA. 58+55.35 LT.

159TH STREET
STA. 44+38.42 TO 48+01.39 LT.
STA. 45+15 TO 48+01.39 RT.
STA. 55+77.02 STA. 57+62.88 RT.
STA. 55+80 TO STA. 57+62.88 LT.
STA. 56+60 TO STA. 57+62.88 RT.



◔ 0' from Sta. 43+00 to Sta. 44+38.42 (159th Street)

◔◔ 0' from Sta. 43+00 to Sta. 44+38.42 (159th Street)

◔◔◔ 0' from Sta. 51+75.99 to Sta. 56+60 Rt. (159th Street)

FILL SECTION CUT SECTION

SIDE ROAD TYPICAL SECTION - INTERSECTION APPROACH

143RD STREET
STA. 51+76.53 TO STA. 54+80 LT.
STA. 51+76.53 TO STA. 59+24 RT.

159TH STREET
STA. 43+00 TO STA. 44+38.42 LT.
STA. 42+92 TO STA. 45+15 RT.
STA. 51+75.99 TO STA. 55+80 LT.
STA. 51+75.99 TO STA. 56+60 RT.

CITY OF WICHITA

SIDE ROAD

TYPICAL SECTIONS

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	11	538

PROJECT SURVEY CONTROL

Project Coordinates x 0.9998848748 = NGS State Plane Coord. NAD 1983

VERTICAL DATUM: NAVD 1988

Datum Benchmark: USGS Benchmark Designation-R 39
NAVD 1988 Elev. = 1361.74

Proj. Corridor Benchmark: USGS benchmark monument
75' N. & 42' E. of Sec. Cor. at 159th & Kellogg
NAVD 1988 Elev. = 1302.21

SCALE
50' 0 50' 100'
PLAN: Lat. & Long.
PROFILE: Horiz. same as above
Vert.
5' 0

Previous Construction (Project 472 84615)

UTILITIES

Gas1
Kansas Gas Service
1021 E. 26th St. N.
Wichita, KS. 67219
Attn: James Coe
Ph: 316-832-3126
Ph. 316-209-9181

Gas2
Southern Star Pipeline
4000 S. Seneca
Wichita, KS. 67217
Attn: Terry Blanding
Ph: 316-371-7286

Gas4
Conoco-Phillips Pipeline Company
500 Phillips Building
Bartlesville, OK. 74004
Attn: Jim Noland
Ph: 918-661-0138
Ph. 918-841-6181

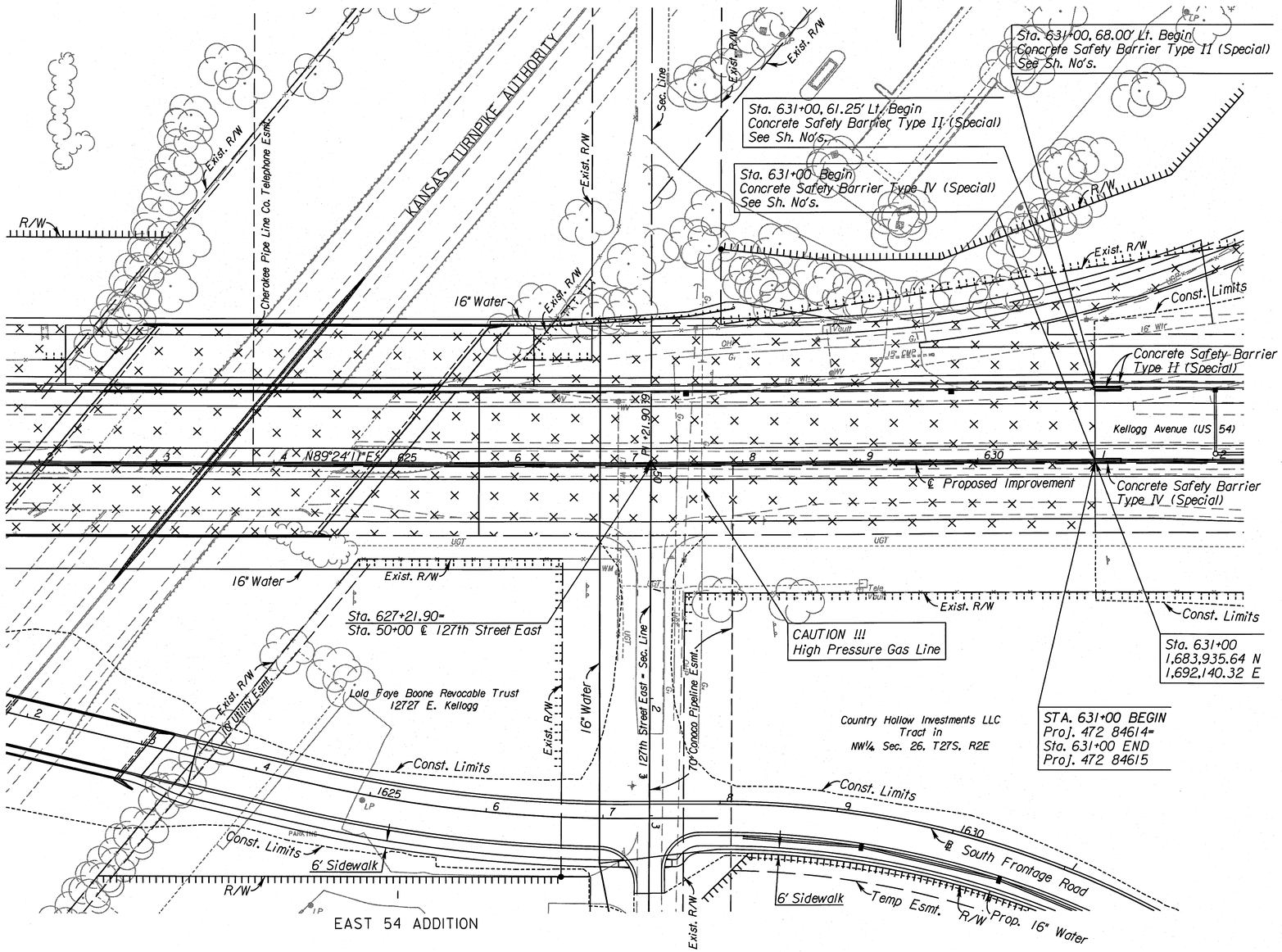
Gas5
Coffeyville Resources
3309 E. 9th Ave.
Winfield, KS. 67156
Attn: Dennis Young
Ph. 620-221-2107

Power
Westar
1900 E. Central
Wichita, KS. 67214
Attn: Shane Price
Ph. 316-261-6315

Sanitary Sewer
Wichita Water & Sewer
455 N. Main
Wichita, KS. 67202
Attn: Bill Perkins
Ph. 316-268-4555

Telephone
AT&T
154 N. Broadway, Room 210
Wichita, KS. 67202
Attn: Jason Edwards
Ph: 316-268-2008

Water
Wichita Water & Sewer
455 N. Main
Wichita, KS. 67202
Attn: Bill Perkins
Ph: 316-268-4555



UTILITIES

Gas1	*Kansas Gas Service*
Gas4	*Conoco Phillips Pipeline Company*
Power	*Westar*
Telephone	*AT&T*
Water	*Wichita Water & Sewer*

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 631+00 TO STA. 632+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	12	538

Project No. 472 84615

To Balance Sta. 704+17.26

See Sh. No. 14 for Earthwork Balance

Proj. No. 472 84615

Proj. No. 472 84614

Proj. No. 472 84615

Profile Grade
Proposed Improvement
- 1.50%

Existing Ground Line
-2.50% Sp. Dt. Rt.

1353.66
+00 Rt.

+00

10' x Sp. Dt. Rt.

1360.73 +00
Match Proj. No. 472 84615

1359.23

1390
1380
1370
1360
1350
1340
1330

1 2

CITY OF WICHITA

EAST KELLOGG

PROFILE

STA. 631+00 TO STA. 632+00

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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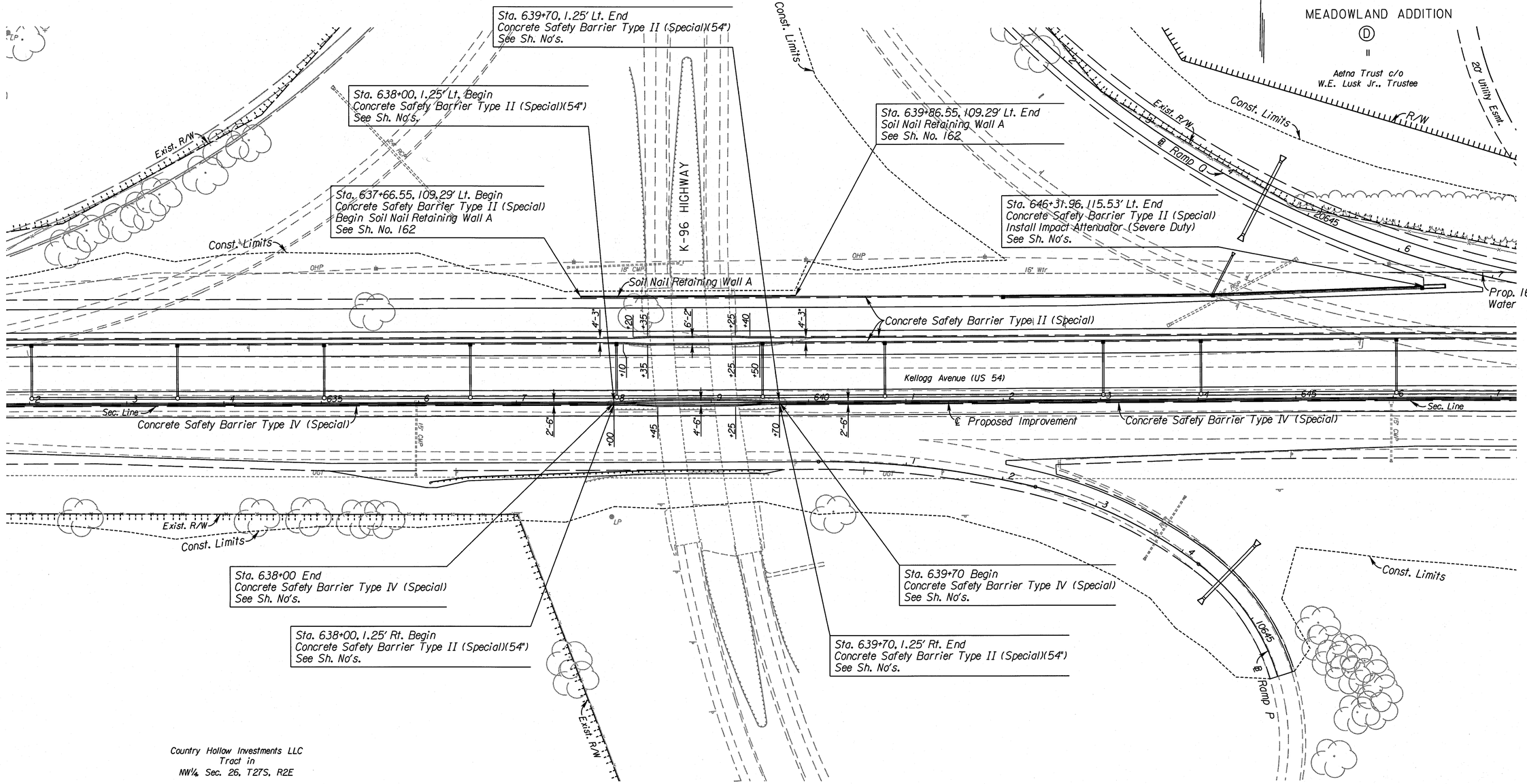
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	'	13	538



UTILITIES

Power	Westar
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 632+00 TO STA. 647+00

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	14	538

From Balance Sta. 631+00

BALANCE NO. 1- STA. 631+00 to STA. 704+17.26

To Balance Sta. 704+17.26

† 149,254 Cu. Yds. Common Excavation (VMF = 0.87)
429,507 Cu. Yds. Common Excavation (Contractor Furnished) (VMF = 0.87)
23,157 Cu. Yds. Existing Pavement to be Wasted (VMF = 1.00)
* 503521 Cu. Yds. Embankment
2,006 Cu. Yds. Select Soil

† Includes: 12,119 Cu. Yds. from Mainline CD Road
27,778 Cu. Yds. from North Frontage Road
29,951 Cu. Yds. from South Frontage Road
1,302 Cu. Yds. from Zelta Road
14,739 Cu. Yds. from 143rd Street
2,937 Cu. Yds. from Ramp P
26,948 Cu. Yds. from Ramp Q
4,389 Cu. Yds. from Ramp R
3,922 Cu. yds. from Ramp S
1,944 Cu. Yds. from Spring Branch Tributary #4

* Includes: 42,159 Cu. Yds. from Mainline CD Road
61,967 Cu. Yds. from North Frontage Road
49,132 Cu. Yds. from South Frontage Road
9 Cu. Yds. from Zelta Road
13,983 Cu. Yds. from 143rd Street
11 Cu. Yds. from Ramp P
54,516 Cu. Yds. from Ramp Q
2,828 Cu. Yds. from Ramp R
753 Cu. yds. from Ramp S
1,230 Cu. Yds. from Spring Branch Tributary #4

1,292 Cu. Yds. to be Hauled from Zelta Road to South Frontage Road
9,544 Cu. Yds. to be Hauled from 143rd Street Sta. 39+50 - 47+68.74 to 143rd Street Sta. 52+11.71 - 61+00
2,924 Cu. Yds. to be Hauled from Ramp P to Mainline
1,138 Cu. Yds. to be Hauled from Ramp R to Mainline
3,056 Cu. Yds. to be Hauled from Ramp S to Mainline
530 Cu. Yds. to be Hauled from Spring Branch Tributary #4 to Mainline

1370 1360 1350 1340 1330 1320

-2.50% Sp. Dt. Rt.
Existing Ground Line
-0.50% Sp. Dt. Rt.
-1.50%
-1.50% Sp. Dt. Rt.
Profile Grade Proposed Improvement
-2.90% Sp. Dt. Lt.
-2.20% Sp. Dt. Rt.

1347.41 +50 Rt.
1345.41 +50 Rt.
1345.91 +00 Rt.
+1.00% Sp. Dt. Rt.
1343.66 +50 Rt.
-2.50% Sp. Dt. Rt.
1342.16 +09.95 Rt.
1344.44 +95 Lt.
1331.56 +39.09 Lt.
1332.85 +50 Rt.

10' x Sp. Dt. Rt.
+95
+09.95
See Sh. No. 83 for Ramp P Ditches
10' x Sp. Dt. Lt.
+53.92
V' Dt. Lt.
+39.09
+50
V' Dt. Lt.
+31.99
See Sh. No. 87 for Ramp Q Ditches
10' x Sp. Dt. Rt.

1359.23 1357.73 1356.23 1354.73 1353.23 1351.73 1350.23 1348.73 1347.23 1345.73 1344.23 1342.73 1341.23 1339.73 1338.23 1336.73

2 3 4 635 6 7 8 9 640 1 2 3 4 645 6 7

CITY OF WICHITA
EAST KELLOGG
PROFILE
STA. 632+00 TO STA. 647+00

14

PLOT | CADD | DES. | DR. | TR. | CKD. | APP. | SURV.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	15	538

MEADOWLAND ADDITION

Sta. 660+50.97, 118.00' Lt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 659+92.76, 74.00' Lt. Const.
Br. No.()
42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments and Column Bent Piers
1-50' Roadway, 17°04'36" Skew Lt.
See Sh. No's. 180 & 185-186

Sta. 660+66.20, 68.00' Lt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 660+72.56, 61.25' Lt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 660+80.40, 62.54' Lt. Begin
MSE Retaining Wall B
See Sh. No. 163

Sta. 659+23.02, 68.00' Lt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 659+20.82, 61.25' Lt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Aetna Trust c/o W.E. Lusk Jr., Trustee

RESERVE "B"

CARDINAL CIRCLE

Kellogg Avenue (US 54)

Ramp Q

Ramp T

Ramp R

Ramp S

South Frontage Road

Concrete Safety Barrier Type II (Special)

Concrete Safety Barrier Type IV (Special)

MSE Retaining Wall B

MSE Retaining Wall D

Sta. 653+12.01, 115.63' Rt.=
Sta. 10653+05.77 @ Ramp R, 13.57' Rt. Begin
Concrete Safety Barrier Type II (Special)
Install Impact Attenuator (Severe Duty) (Special)
See Sh. No's.

Sta. 659+39.92 End
Concrete Safety Barrier Type IV (Special)
See Sh. No's.

Sta. 660+15.49 Const.
Br. No.()
46°-56'-46'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments and Column Bent Piers
1-60' & 1-68' Roadways, 17° Skew Lt.
See Sh. No's. 180 - 182

Sta. 659+61.34, 69.25 Rt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 660+91.05 Begin
Concrete Safety Barrier Type IV (Special)
See Sh. No's.

Sta. 661+05.43, 70.54' Rt. End
MSE Retaining Wall B, Begin
MSE Retaining Wall D
See Sh. No's. 163, 165-166

Sta. 661+11.80, 69.25' Rt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Southern Star Pipeline
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 647+00 TO STA. 662+00

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	16	538

From Balance Sta. 631+00

See Sh. No. 14 for Earthwork Balance

To Balance Sta. 704+17.26

1350
1340
1330
1320
1310
1300

1.200' V.C.

-1.50%

1325.68
+28.67 Lt.

2.20% Sp. Dt. Rt.

1320.75
+00 Rt.

Profile Grade Proposed Improvement

-1.00% Sp. Dt. Lt.

1319.97
+00 Lt.

-2.00% Sp. Dt. Lt.

Existing Ground Line

+1.20%

1311.87
+05 Lt.

+1.50% Sp. Dt. Lt.

1309.05
+50 Lt.

See Sh. No. 87 for Ramp O Ditches

+28.67

10' x Sp. Dt. Rt.

+00

'V' Dt. Rt.

10' x Sp. Dt. Lt.

+69.83

See Sh. No. 89 for Ramp R Ditches

+68.06

'V' Dt. Rt.

+05

No Dt. Lt.

+50

10' x Sp. Dt. Lt.

	7	8	9	650	1	2	3	4	655	6	7	8	9	660	1	2
SURV.	1336.73	1335.23	1333.73	1332.23	1331.18 P.C. +70	1330.74	1329.42	1328.32	1327.45	1326.81	1326.39	1326.23 P.I. El. 1322.18 +70	1326.19	1326.22	1326.48	1326.96	1327.66	1328.59

CITY OF WICHITA

EAST KELLOGG

PROFILE

STA. 647+00 TO STA. 662+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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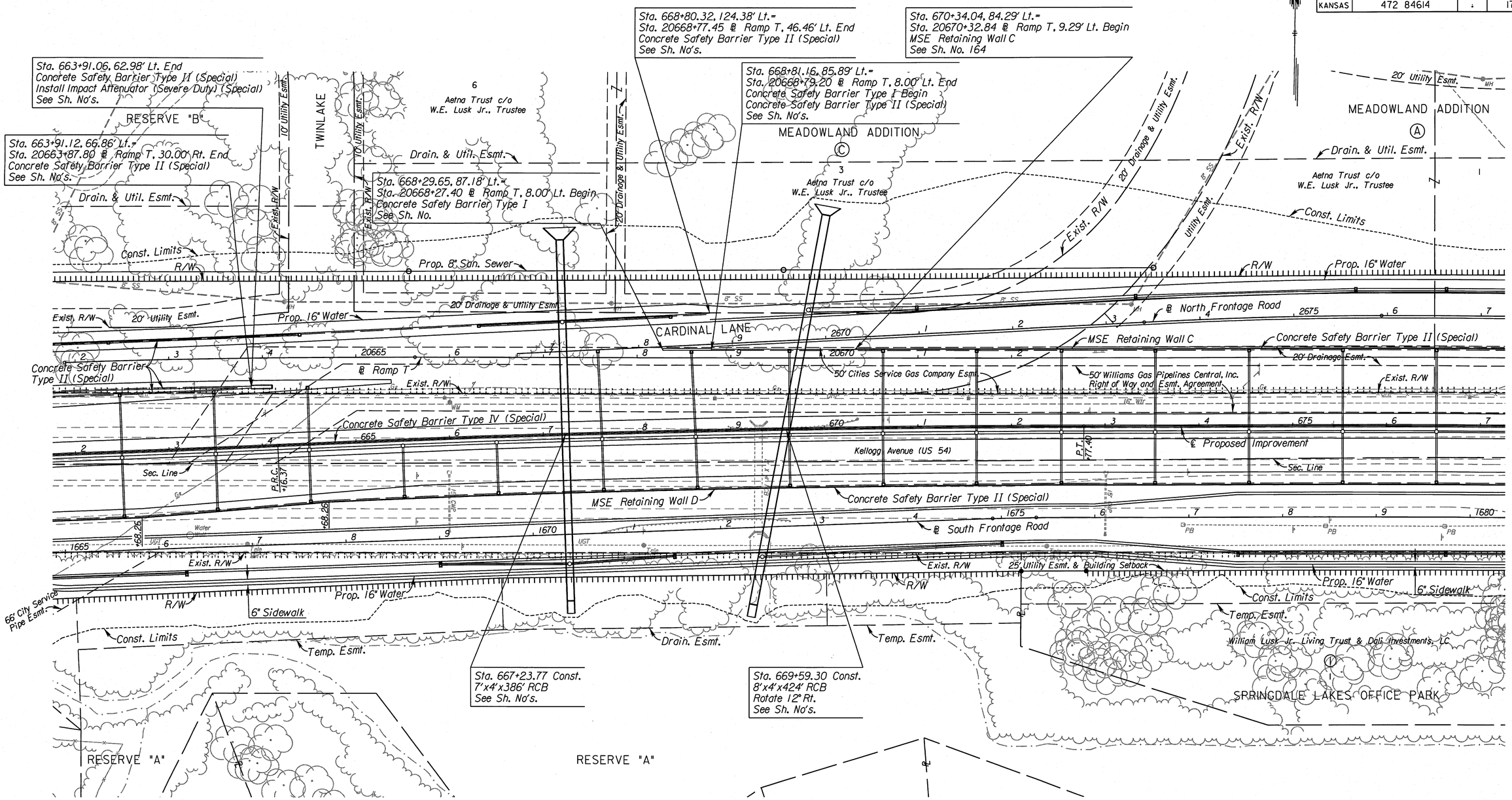
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		17	538



UTILITIES

Gas2	Southern Star Pipeline
Gas5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 662+00 TO STA. 677+00

SURV. - PLOT CADD DES. - DR. - TR. - CKD. - APP. -

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	18	538

From Balance Sta. 631+00

See Sh. No. 14 for Earthwork Balance

To Balance Sta. 704+17.26

1350 1340 1330 1320 1310 1300

+23.77 7'x 4'x 386' RCB

+59.30 8'x 4'x 424' RCB

Profile Grade Proposed Improvement

+1.20%

+1.50% Sp. Dt. Lt.

1315.80 +00 Lt.

-3.00% Sp. Dt. Lt.

1312.80 +00 Lt.

-0.50% Sp. Dt. Lt.

1312.25 +10 Lt.

+2.40% Sp. Dt. Lt.

1312.25 +30 Lt.

1315.88 +81.16 Lt.

SB Lt.

SB Rt.

Existing Ground Line

Pr. Gr. = 1334.82
℄ Lt. = 1312.00
℄ Rt. = 1307.40

Pr. Gr. = 1337.65
℄ Lt. = 1311.00
℄ Rt. = 1307.00

10' x Sp. Dt. Lt.

+81.16

1328.59 | 1329.38 P.T. +70 | 1329.74 | 1330.94 | 1332.14 | 1333.34 | 1334.54 | 1335.74 | 1336.94 | 1338.14 | 1339.34 | 1340.54 | 1341.74 | 1342.94 | 1344.14 | 1345.34 | 1346.18 P.C. +70 | 1346.52

2 3 4 665 6 7 8 9 670 1 2 3 4 675 6 7

CITY OF WICHITA

EAST KELLOGG

PROFILE

STA. 662+00 TO STA. 677+00

18

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		19	538

Sta. 678+34.13, 82.54' Lt. End
MSE Retaining Wall C, Begin
MSE Retaining Wall E
See Sh. No's. 164 & 167

Sta. 680+14.13 Const.
Br. No.()
120'-130'-120'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments and Column Bent Piers
1-80' & 1-60' Roadways, 0° Skew
See Sh. No's. 187 - 189

Sta. 691+33.98, 76.41' Lt. End
Concrete Safety Barrier Type II (Special)
Install Impact Attenuator (Severe Duty)
See Sh. No's.

Sta. 690+53.44, 75.40' Lt. End
MSE Retaining Wall G
See Sh. No. 168

MEADOWLAND ADDITION

PRAIRIE POND PLAZA 2ND ADDITION

RESERVE "A"
Prairie Pond Plaza Owners Association

Aetna Trust c/o W. E. Lusk Jr., Trustee

Taylor Enterprises Inc.

Taylor Enterprises Inc.

Taylor Enterprises Inc.

20' Utility Esmt.

6' Sidewalk

Private Utility Esmt.

Prop. 12" Water

R/W

Exist. R/W

℄ 143rd Street East

Sec. Line

10' The Gas Service Company Esmt.

15' Utility Esmt.

Drain. & Util. Esmt.

Sta. 678+27.63, 81.25' Lt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 678+27.63 End
Concrete Safety Barrier Type IV (Special)
See Sh. No's.

Sta. 681+94.13, 82.54' Lt. Begin
MSE Retaining Wall F, Begin
MSE Retaining Wall G
See Sh. No's. 167 & 168

Sta. 682+00.63, 81.25' Lt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 682+00.63 Begin
Concrete Safety Barrier Type IV (Special)
See Sh. No's.

Temp. Esmt.

6' Sidewalk

Const. Limits

Utility Esmt.

KELLOGG DRIVE

Sta. 687+82.78 Const.
10'x3'x379' RCB
Rotate 12° Rt.
See Sh. No's.

30' Private Utility Esmt.

Drain. Esmt.

690+59.38, 111.10' Lt.=
Sta. 20690+56.31 ℄ Ramp U, 6.00' Lt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

10' Drain. & Utility Esmt.

Prop. 16" Water

Const. Limits

Temp. Esmt.

R/W

Prop. 8" San. Sewer

30' Drainage & Utility Esmt.

20' Drainage & Utility Esmt.

15' Utility Esmt.

℄ North Frontage Road

℄ Ramp U

MSE Retaining Wall C

Concrete Safety Barrier Type II (Special)

MSE Retaining Wall G

Concrete Safety Barrier Type II (Special)

KELLOGG DRIVE

Exist. R/W

30' Utility Esmt.

MSE Retaining Wall E

MSE Retaining Wall F

Concrete Safety Barrier Type IV (Special)

Concrete Safety Barrier Type II (Special)

Sec. Line

Kellogg Avenue (US 54)

℄ Proposed Improvement

Concrete Safety Barrier Type IV (Special)

MSE Retaining Wall D

MSE Retaining Wall H

Concrete Safety Barrier Type II (Special)

℄ South Frontage Road

℄ Ramp V

Prop. 16" Water

6' Sidewalk

25' Utility Esmt. & Building Setback

Temp. Esmt.

Sta. 680+11.13=
Sta. 50+00 ℄ 143rd Street East

25' Utility Esmt.

55' KGE Esmt.

Prop. 12" Water

A.C.P.

Exist. R/W

Const. Limits

6' Sidewalk

Type "T" Retaining Wall J

Const. Limits

Sta. 682+00.63, 61.25' Rt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 691+52.63, 61.25' Rt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 691+52.63, 62.54' Rt. End
MSE Retaining Wall H
See Sh. No. 169

William Lusk Jr. Living Trust & Dali Investments, LC

Keith A. (& Hillary S. Fitzgerald 14401 E. Kellogg

Arlan & Sharon Bentz Living Trust

Richard & Carol Khol

Kimberly & Co Trieu Le

Mathew J. & Anastasia Ryan

Robert C. Wilson Jr. & Dianna L. Wilson

SPRINGDALE LAKES OFFICE PARK

SPRINGDALE COUNTRY CLUB ESTATES

San. Sewer Esmt.

16' Esmt.

10" San. Sewer Esmt.

EDGEWATER ROAD

LAKESIDE LANE

Drain. Esmt.

Exist. R/W

Sta. 678+34.13, 62.54' Rt. End
MSE Retaining Wall D, End
MSE Retaining Wall E
See Sh. No's. 165-167

Sta. 678+27.63, 61.25' Rt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 681+94.13, 62.54' Rt. End
MSE Retaining Wall F, Begin
MSE Retaining Wall H
See Sh. No's. 167 & 169

UTILITIES

Gas1	Kansas Gas Service
Gas2	Southern Star Pipeline
Gas5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 677+00 TO STA. 692+00

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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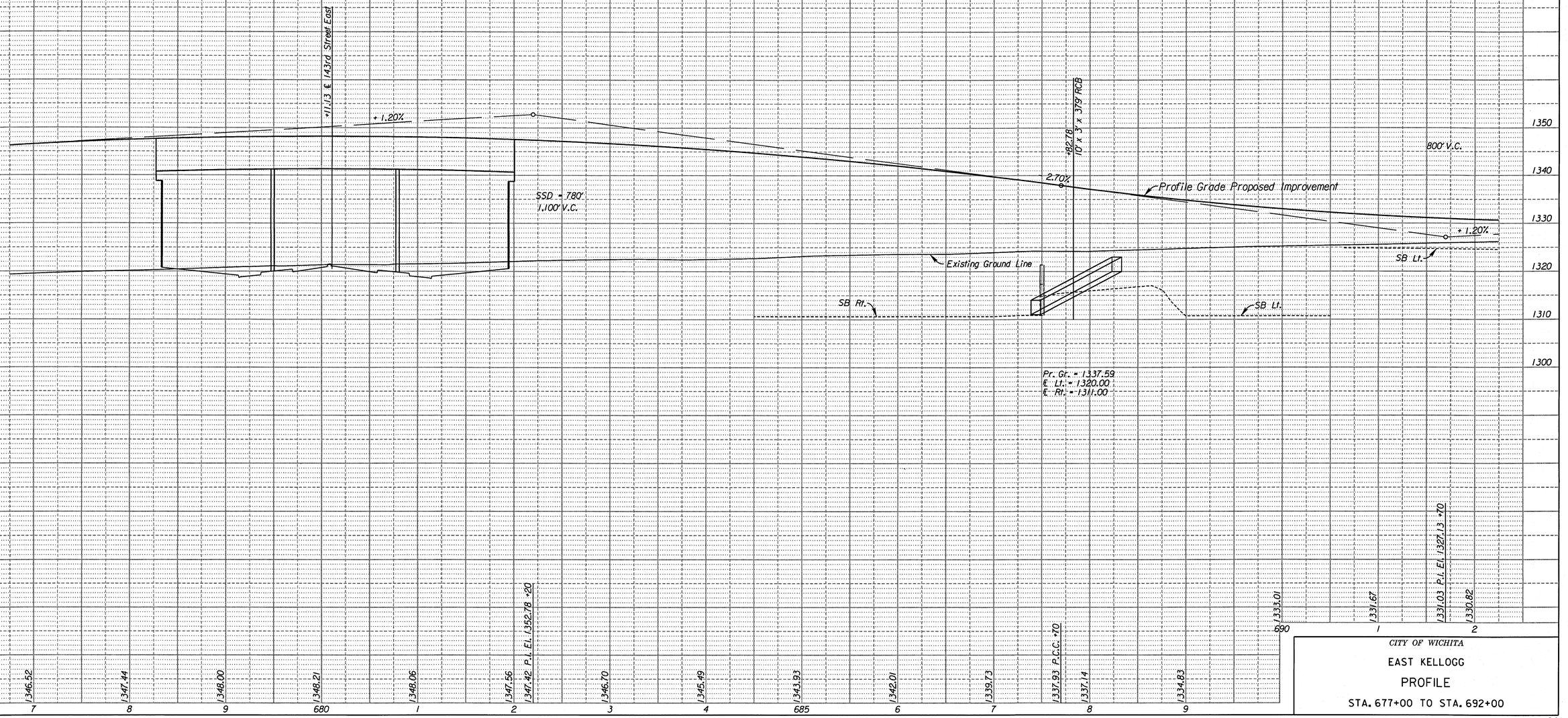
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	20	538

From Balance Sta. 631+00

See Sh. No. 14 for Earthwork Balance

To Balance Sta. 704+17.26



CITY OF WICHITA

EAST KELLOGG

PROFILE

STA. 677+00 TO STA. 692+00

20

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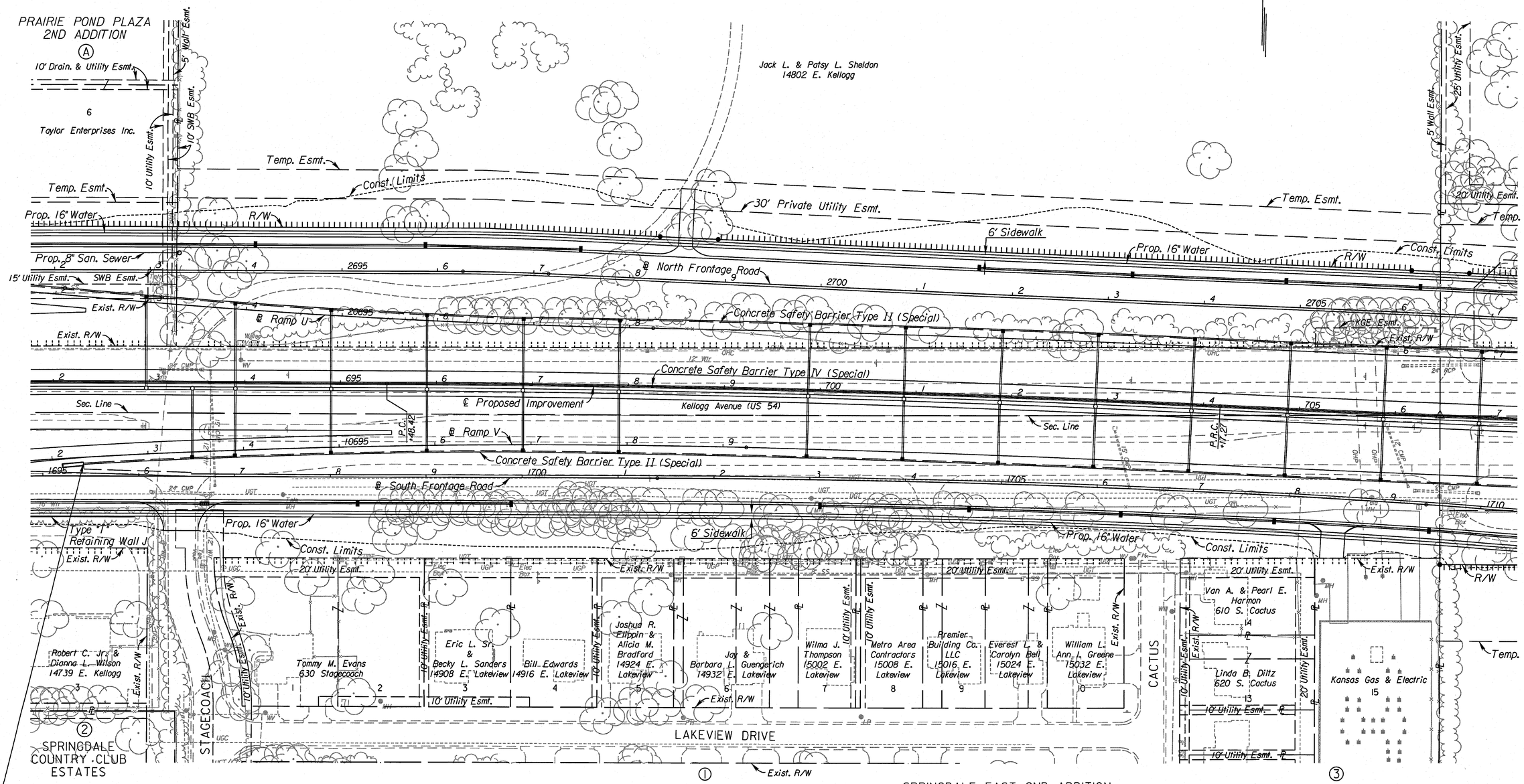
SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	21	538



Sta. 692+31.77, 84.44' Rt.=
Sta. 10692+32.48 ℄ Ramp V, 6.20' Rt. Begin
Concrete Safety Barrier Type II (Special)
Install Impact Attenuator (Severe Duty)
See Sh. No's.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 692+00 TO STA. 707+00

SURV. - PLOT - CADD - DES. - DR. - TR. - CKD. - APP. -

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	22	538

From Balance Sta. 631+00

See Sh. No. 14 for Earthwork Balance

-17.26

To Balance Sta. 752+20

See Sh. No. 24 for Earthwork Balance

800' V.C.

Profile Grade Proposed Improvement

+1.20%

Existing Ground Line

SB Lt.

SB Rt.

SSD = 779'

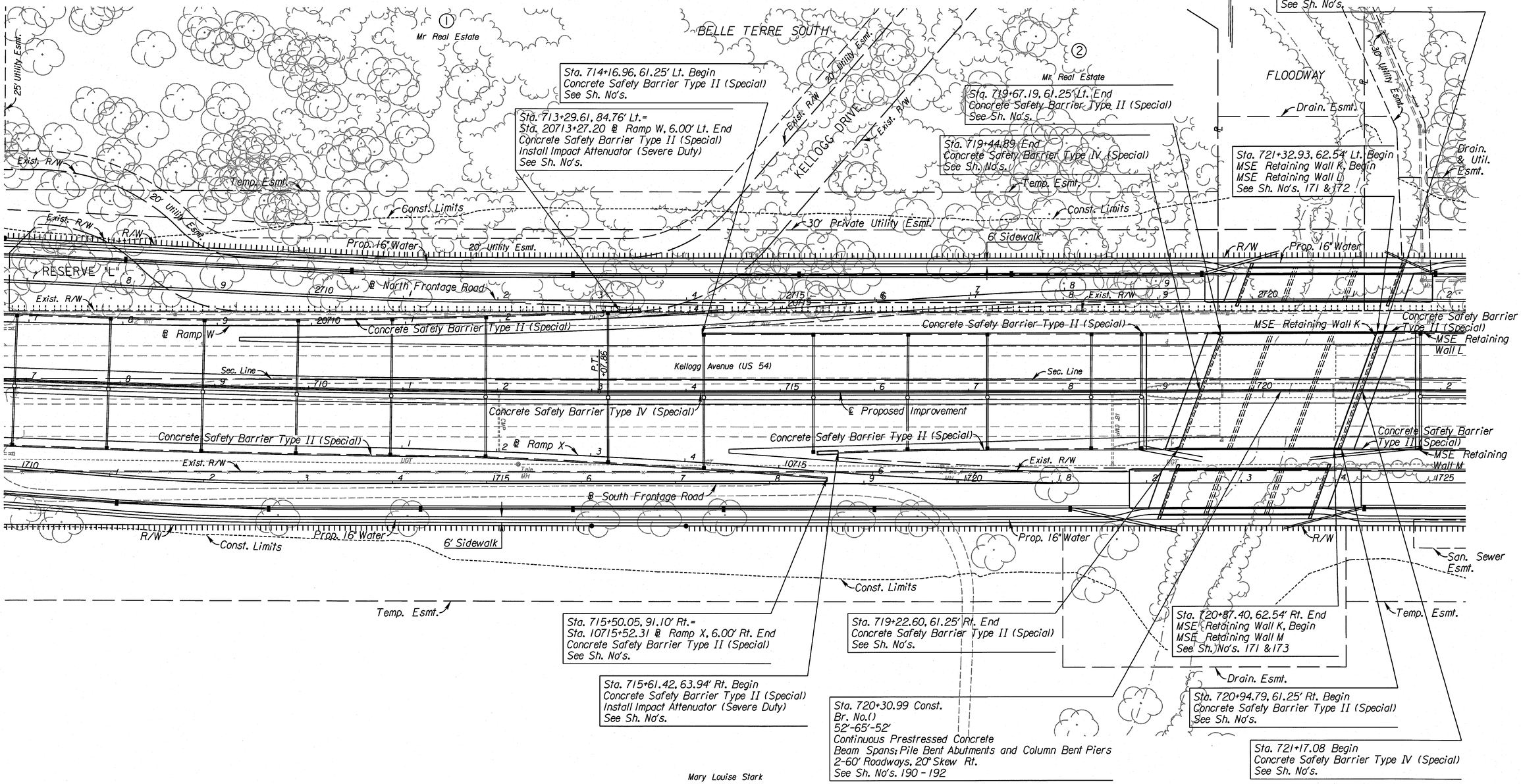
900' V.C.

-2.00%

1340
1330
1320
1310

| | | |

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		23	538



Mary Louise Stark

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 707+00 TO STA. 722+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	24	538

From Balance Sta. 704+17.26

BALANCE NO. 2 - STA. 704+17.26 to STA. 752+20

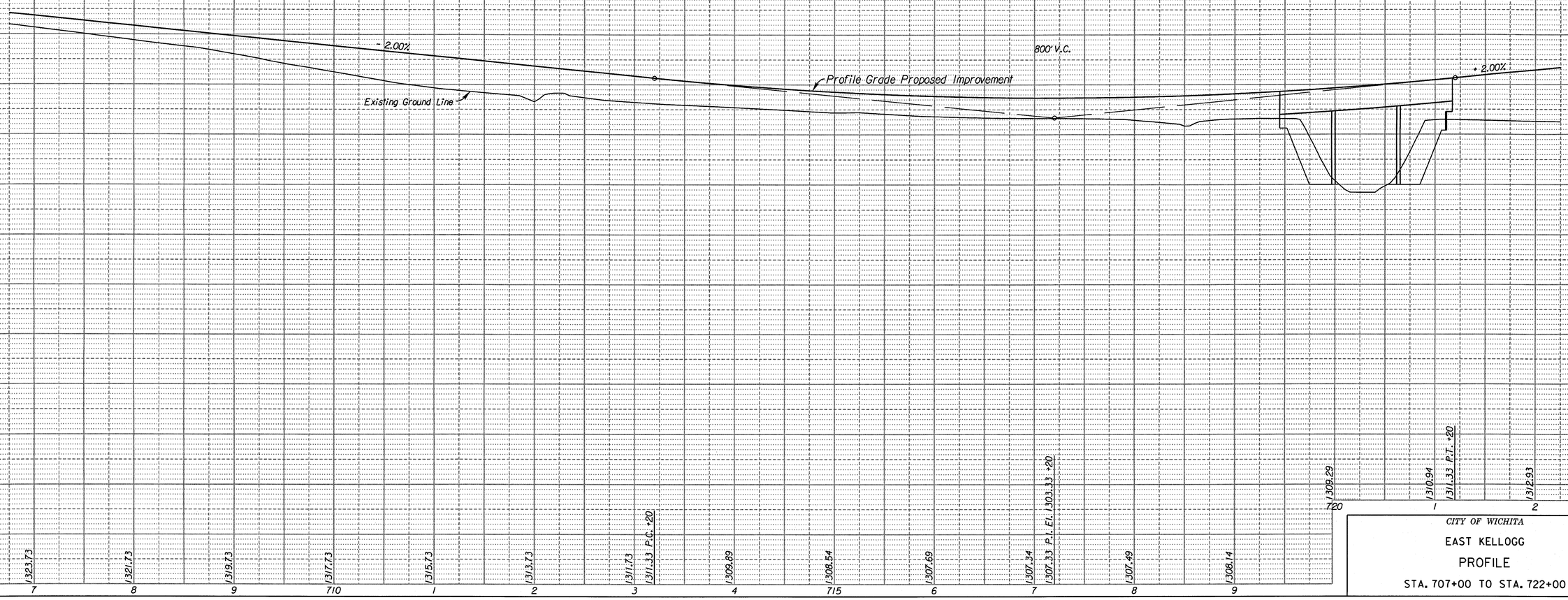
To Balance Sta. 752+20

† 24,079 Cu. Yds. Common Excavation (VMF = 0.87)
310,648 Cu. Yds. Common Excavation (Contractor Furnished) (VMF = 0.87)
16,077 Cu. Yds. Existing Pavement to be Wasted (VMF = 1.00)
✱ 298,387 Cu. Yds. Embankment
2,157 Cu. Yds. Select Soil

† Includes: 7,701 Cu. Yds. from North Frontage Road
4,158 Cu. Yds. from South Frontage Road
2,698 Cu. Yds. from 159th Street
6,221 Cu. Yds. from Fourmile Creek
1,687 Cu. Yds. from Brookhaven Creek

✱ Includes: 70,127 Cu. Yds. from North Frontage Road
61,003 Cu. Yds. from South Frontage Road
6,897 Cu. Yds. from 159th Street
724 Cu. Yds. from Fourmile Creek
628 Cu. Yds. from Brookhaven Creek

5,389 Cu. Yds. to be Hauled from Fourmile Creek to Mainline
6,354 Cu. Yds. to be Hauled from Brookhaven Creek to Mainline



CITY OF WICHITA

EAST KELLOGG

PROFILE

STA. 707+00 TO STA. 722+00

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		25	538

Sta. 727+18.26, 61.25' Lt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 727+18.26 End
Concrete Safety Barrier Type IV (Special)
See Sh. No's.

Drain. & Util. Esmt.

Const. Limits

R/W

6' Sidewalk

Prop. 16" Water

℄ North Frontage Road

Exist. R/W

MSE Retaining Wall L

Concrete Safety Barrier Type II (Special)

Sec. Line

℄ Proposed Improvement

Concrete Safety Barrier Type IV (Special)

Concrete Safety Barrier Type II (Special)

MSE Retaining Wall M

Exist. R/W

R/W

6' Sidewalk

Prop. 16" Water

San. Sewer Esmt.

Const. Limits

Temp. Esmt.

Sta. 727+18.26, 61.25' Rt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 727+24.76, 62.54' Rt. End
MSE Retaining Wall M End
MSE Retaining Wall N
See Sh. No's. 173 & 174

BELLE TERRE SOUTH

②

Sta. 727+24.76, 62.54' Lt. End
MSE Retaining Wall L, Begin
MSE Retaining Wall N
See Sh. No's. 172 & 174

FLOODWAY

30' Utility Esmt.

Drain. & Util. Esmt.

Temp. Esmt.

Prop. 10" San. Sewer

30' Private Utility Esmt.

Prop. 8" San. Sewer

6' Sidewalk

30' Utility Esmt.

Prop. 8" San. Sewer

MSE Retaining Wall N

Kellogg Avenue (US 54)

Prop. 21" San. Sewer

18" KGE Esmt.

Mary Louise Stark

30' San. Sewer Esmt.

Prop. 16" Water

Prop. 21" San. Sewer

R/W

6' Sidewalk

Const. Limits

Temp. Esmt.

Drain. Esmt.

Sta. 730+88.26 Const.
Br. No.1
85'-90'-100'-100'-120'-122'-120'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments and Column Bent Piers
2-60' Roadways, 0° Skew
See Sh. No's. 197 & 202-205

Sta. 732+84.76=
Sta. 50+00 ℄ 159th Street East

Rakan LLC

Prop. 20" Water

Exist. R/W

℄ 159th Street East=Sec. Line

Southwestern Bell Telephone Esmt.

20' Drainage Esmt.

Exist. R/W

R/W

Prop. 20" Water

Exist. R/W

Exist. R/W

MSE Retaining Wall P

MSE Retaining Wall R

℄ South Frontage Road

Exist. R/W

Prop. 16" Water

R/W

6' Sidewalk

Temp. Esmt.

Sta. 734+58.26, 61.25' Rt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 734+51.76, 62.54' Rt. End
MSE Retaining Wall P Begin
MSE Retaining Wall R
See Sh. No's. 174 & 176

Fireworks Leasing LLC
1611 W. Ledgerwood

Fireworks Leasing LLC
1611 W. Ledgerwood

Ledgerwood Enterprises Inc
1523 W. Ledgerwood

LEDGERWOOD ADDITION

Raymond Oil Company, Inc

Sta. 734+51.76, 62.54' Lt. Begin
MSE Retaining Wall P Begin
MSE Retaining Wall Q
See Sh. No's. 174 & 175

Sta. 734+58.26, 61.25' Lt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 734+58.26 Begin
Concrete Safety Barrier Type IV (Special)
See Sh. No's.

Temp. Esmt.-30' Private Utility Esmt.

Const. Limits

6' Sidewalk

Prop. 16" Water

Prop. 10" San. Sewer

Exist. R/W

MSE Retaining Wall Q

Concrete Safety Barrier Type II (Special)

Sec. Line

Concrete Safety Barrier Type IV (Special)

Concrete Safety Barrier Type II (Special)

Sta. 734+58.26, 61.25' Rt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 722+00 TO STA. 737+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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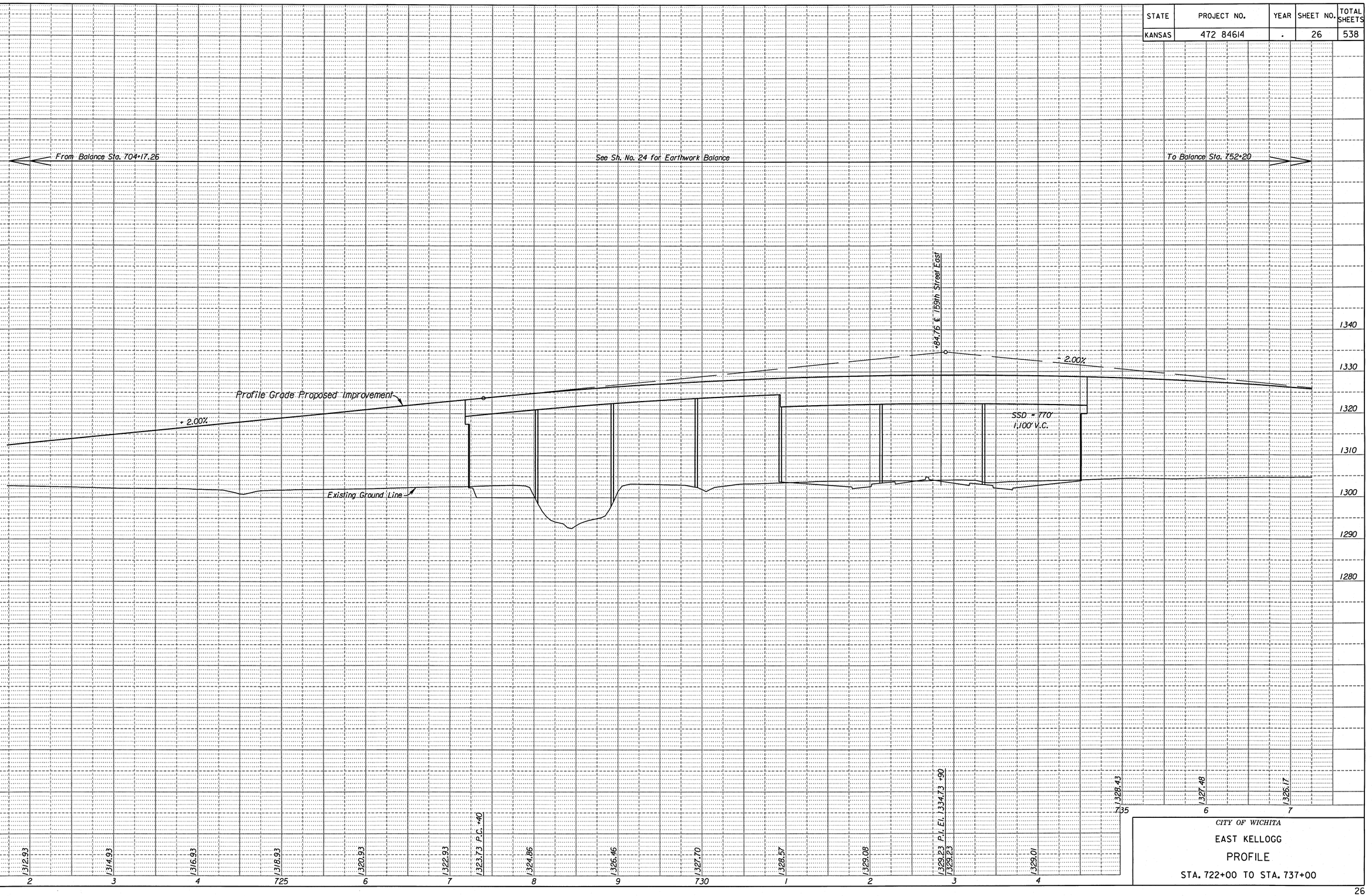
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	26	538

From Balance Sta. 704+17.26

See Sh. No. 24 for Earthwork Balance

To Balance Sta. 752+20



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CITY OF WICHITA

EAST KELLOGG

PROFILE

STA. 722+00 TO STA. 737+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		27	538

Raymond Oil Company, Inc

Sta. 743+98.18, 91.10' Lt.=
Sta. 20743+96.99 ℄ Ramp Y, 6.00' Lt. Begin
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 743+85.05, 64.07' Lt. End
Concrete Safety Barrier Type II (Special)
Install Impact Attenuator (Severe Duty)
See Sh. No's.

Temp. Esm't-30' Private Utility Esmt.

10' Utility Esmt.

10' Utility Esmt.

10' Utility Esmt.

Drainage & Utility Esmt.

20' Utility Esmt.

RESERVE "B"

Sta. 746+72.82 Const.
Br. No.()
20' x 10' x 559' RCB
60° Skew Rt.
See Sh. No. 211

Sta. 743+85.01, 65.37' Lt. End
MSE Retaining Wall Q
See Sh. No. 175

20' Sanitary Sewer Esmt.

The City of Andover, KS

Sta. 747+97.54, 69.25' Lt. End
Concrete Safety Barrier Type II (Special)
Install Impact Attenuator (Severe Duty)
See Sh. No's.

Sta. 747+97.54 End
Concrete Safety Barrier Type IV (Special)
Install Impact Attenuator (Severe Duty)
See Sh. No's.

STA. 748+20 END
Proj. 472 84614

Sta. 748+20
1,684,147.08 N
1,703,856.89 E

Raymond Oil Company, Inc

R/W

Const. Limits

Prop. 16" Water

R/W

Prop. 16" Water

Const. Limits

6' Sidewalk

Street & Utility Esmt.

℄ North Frontage Road

Exist. R/W

Prop. 10" San. Sewer

20' Sanitary Sewer Esmt.

Exist. R/W

Concrete Safety Barrier Type II (Special)

MSE Retaining Wall Q

℄ Ramp

Concrete Safety Barrier Type II (Special)

Sec. Line

℄ Proposed Improvement

Kellogg Avenue (US 54)

Sec. Line

Concrete Safety Barrier Type IV (Special)

MSE Retaining Wall R

Concrete Safety Barrier Type II (Special)

10745

Concrete Safety Barrier Type II (Special)

℄ South Frontage Road

LEDGERWOOD DRIVE

10740

Prop. 16" Water

℄ Ramp Z

Exist. R/W

Prop. 16" Water

R/W

Temp. Esm't.

6' Sidewalk

Const. Limits

Const. Limits

R/W

20' Utility Esmt.

Drain. Esm't.

10' KGE Esmt.

Susan Nolte Trust
1114 W. Hwy 54

Sylvia M. McHam &
Karla S. Hart
1109 W. Hwy 54

KCM Investments LLC
1105 W. Hwy 54

Peter J. &
Charlotte J. Baure
1023 W. Hwy 54

16' KGE Esmt.

20' Utility Esmt.

Sta. 744+20.09, 61.25' Rt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

Sta. 744+20.09, 62.54' Rt. End
MSE Retaining Wall R
See Sh. No. 176

Ledgerwood Enterprises Inc
1523 W. Ledgerwood

Advance Storage LLC
1403 W Ledgerwood

LEDGERWOOD ADDITION

MECCA ACRES ADDITION

Sta. 744+92.10, 84.13' Rt.=
Sta. 10744+91.21 ℄ Ramp Z, 6.52' Rt. Begin
Concrete Safety Barrier Type II (Special)
Install Impact Attenuator (Severe Duty)
See Sh. No's.

Sta. 748+20, 69.25' Rt. End
Concrete Safety Barrier Type II (Special)
See Sh. No's.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 737+00 TO STA. 752+00

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	28	538

From Balance Sta. 704+17.26

See Sh. No. 24 for Earthwork Balance

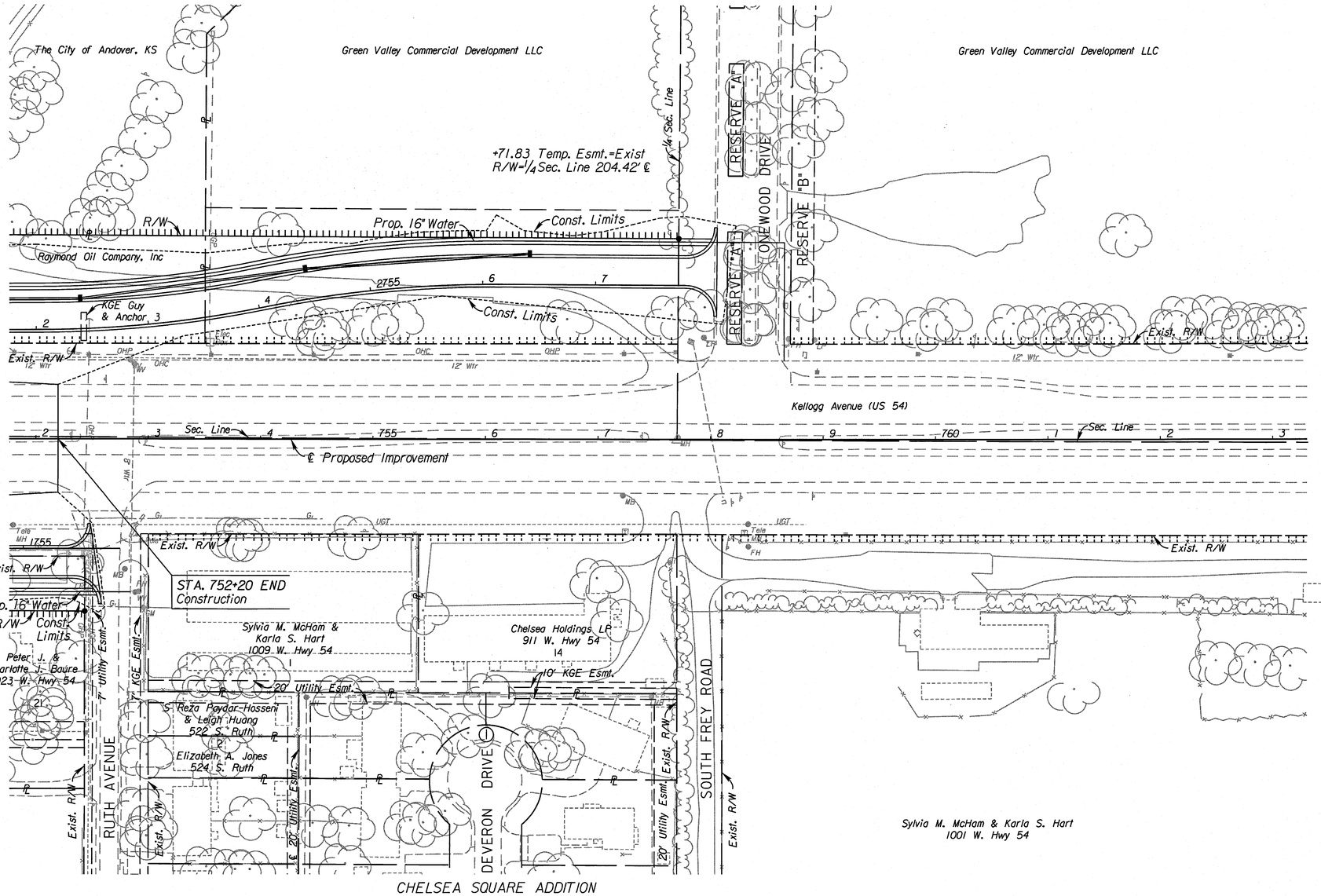
To Balance Sta. 752+20

1330
1320
1310
1300
1290

- 2.00%
400' V.C.
Profile Grade Proposed Improvement
- 0.35%
400' V.C.
+ 1.65%
Existing Ground Line
SB Rt.
SB Lt.
+12.82
20' x 10' x 559' RCB
Pr. Gr. = 1312.89
℄ Lt. = 1297.00
℄ Rt. = 1295.00

| | | |

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		29	538



SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

PLAN

STA. 752+00 TO STA. 752+20

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	30	538

From Balance Sta. 704+17.26

+20

See Sh. No. 24 for Earthwork Balance

1340

1330

1320

1310

1300

Existing Ground Line

Profile Grade Proposed Improvement

+ 1.65%

1314.66

1314.98 P.T. +20
Match Existing

2 3 4 755 6 7 8 9 760 1 2 3

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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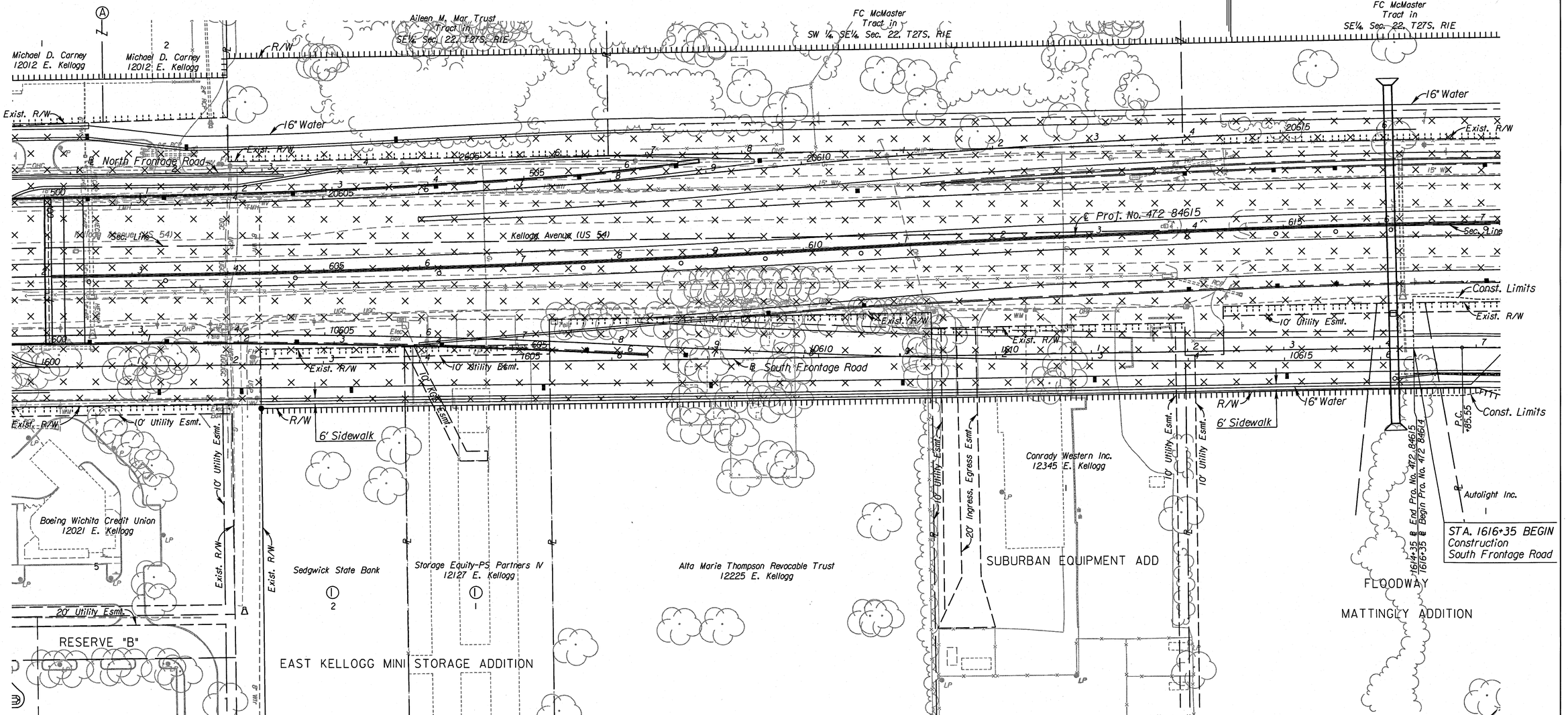
CITY OF WICHITA

EAST KELLOGG

PROFILE

STA. 752+00 TO STA. 757+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	31	538



UTILITIES	
Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1616+35 TO STA. 1617+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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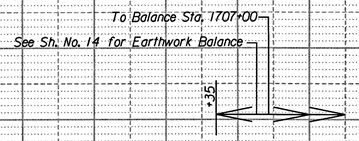
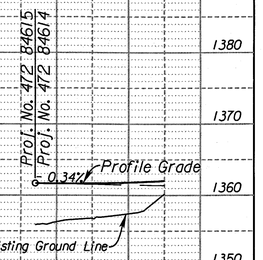
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	32	538



1380
1370
1360
1350
1340



1380
1370
1360
1350
1340

1615

1361.70 P.C. +35

1361.80

6 7

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1616+35 TO STA. 1617+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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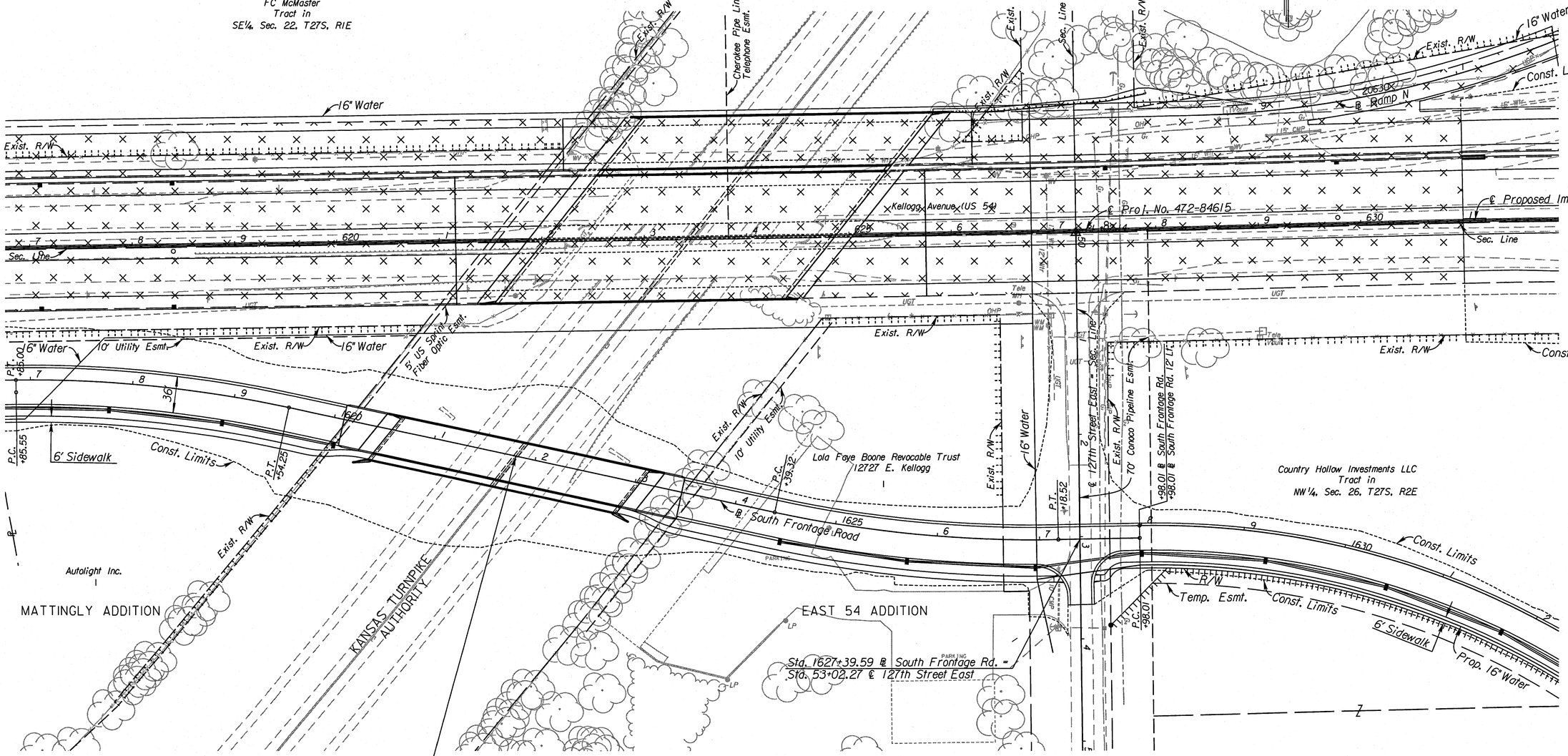
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	33	538



Sta. 1621+80.88 Const.
Br. No ()
122'-122' Continuous Prestressed Concrete
Beam Spans, Pile Abutments & Column Bent Piers
1-40' Roadway, 1-6' Sidewalk, 26°17'31" Skew Rt.
See Sh. No's. 177 -179

UTILITIES

Gas,	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1617+00 TO STA. 1632+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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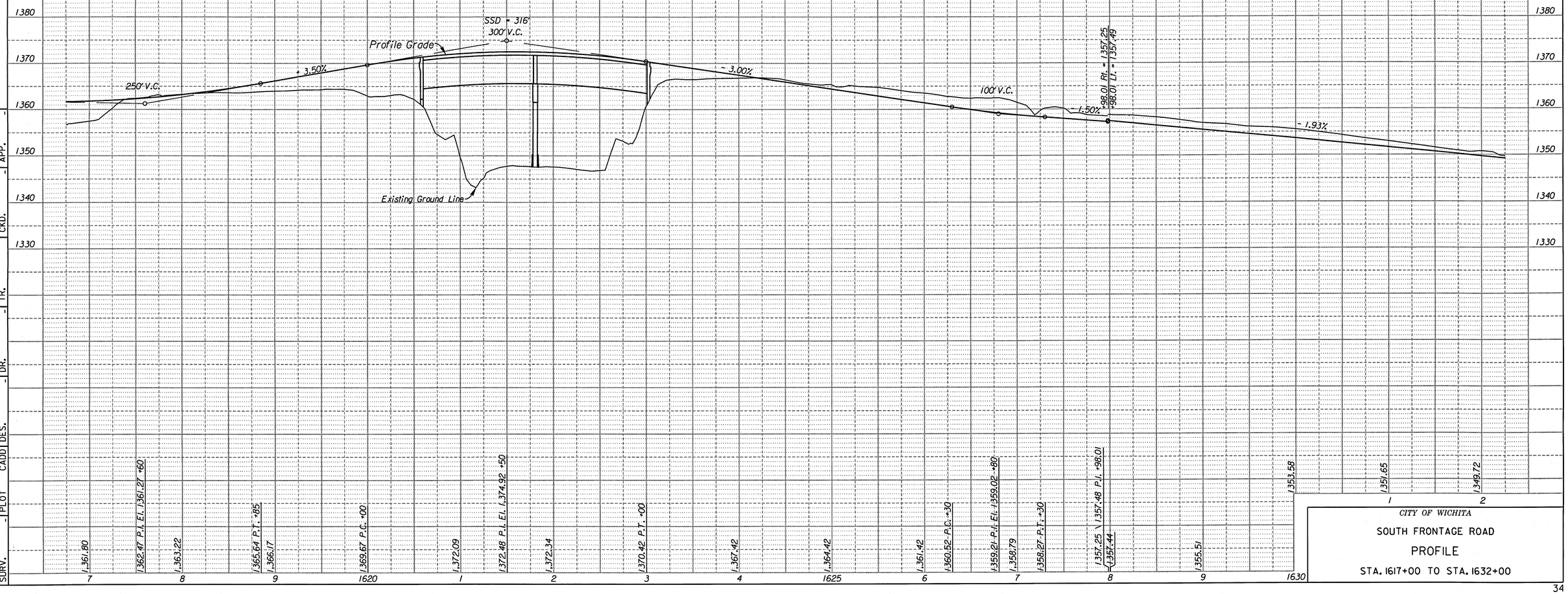
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	34	538

From Balance Sta. 1616+35

See Sh. No. 14 for Earthwork Balance

To Balance Sta. 1707+00



CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1617+00 TO STA. 1632+00

34

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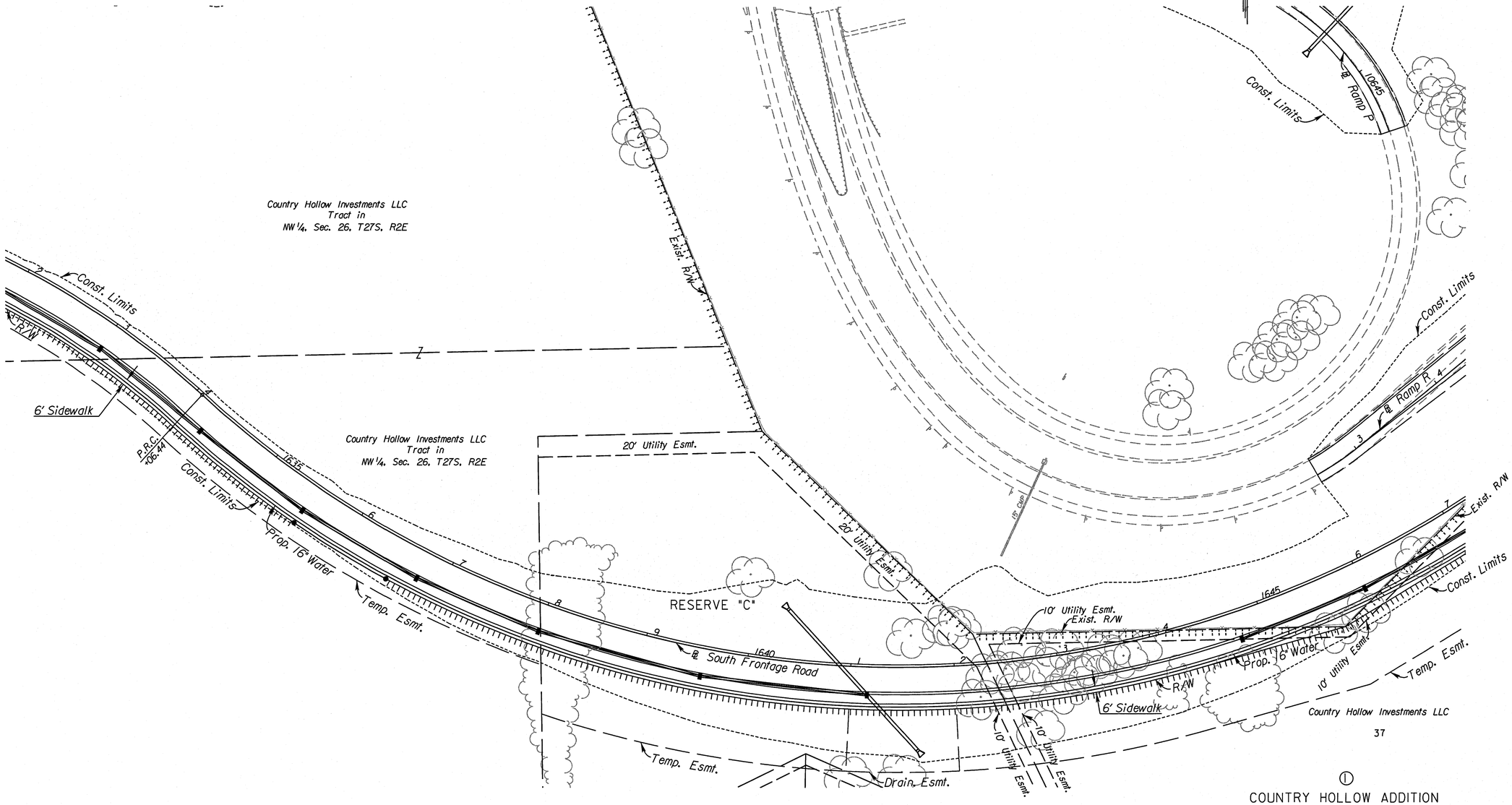
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	35	538



① COUNTRY HOLLOW ADDITION

UTILITIES

Gas,	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1632+00 TO STA. 1647+00

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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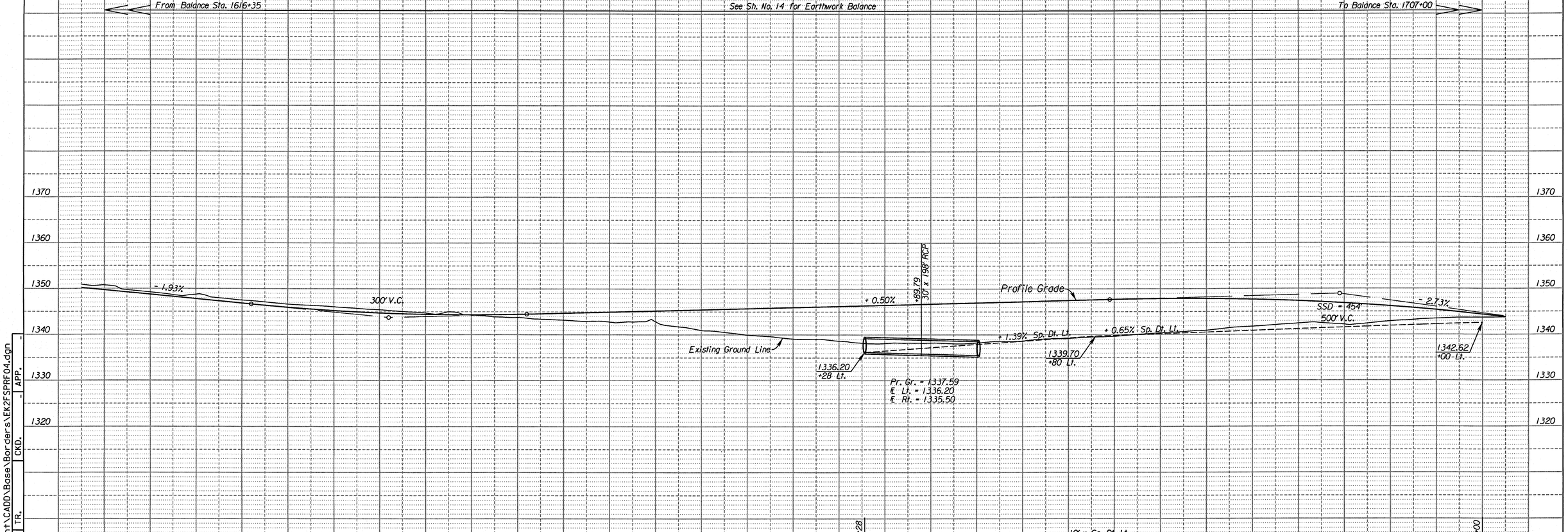
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	36	538

From Balance Sta. 1616+35

See Sh. No. 14 for Earthwork Balance

To Balance Sta. 1707+00



CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1632+00 TO STA. 1647+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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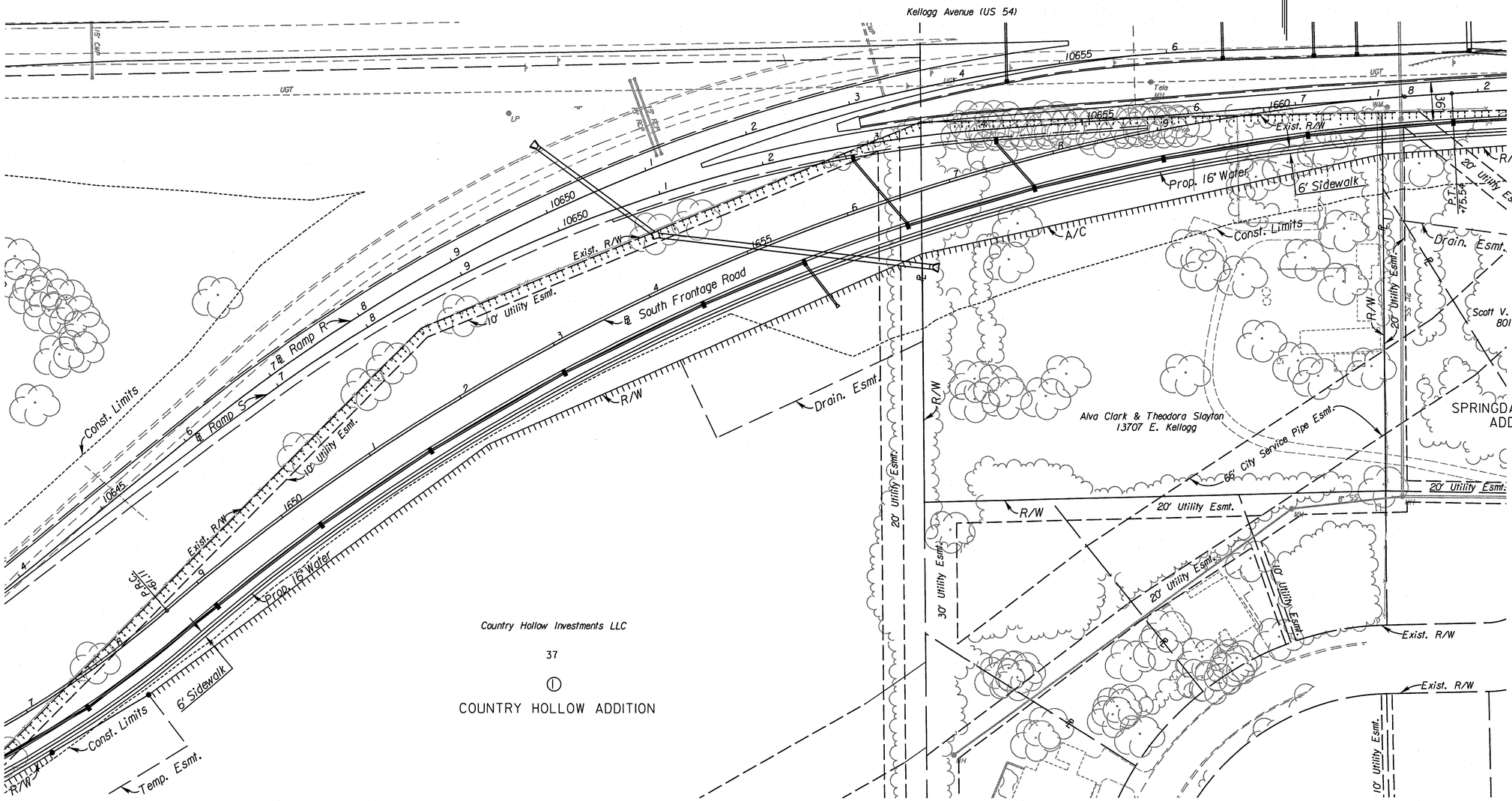
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	37	538



UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1647+00 TO STA. 1662+00

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.	-

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	38	538

From Balance Sta. 1616+35

See Sh. No. 14 for Earthwork Balance

To Balance Sta. 1707+00

1360
1350
1340
1330
1320
1310
1300

+ 0.65% Sp. Dt. Lt.

1342.62 +00 Lt.

- 2.73%

300' V.C.

Existing Ground Line

Profile Grade

- 1.35%

15.34 54" x 266' RCP

200' V.C.

+ 1.25%

- 0.50% Sp. Dt. Rt.

1318.22 +55 Rt.

Pr. Gr. = 1327.12
E Lt. = 1318.75
E Rt. = 1317.77

+00

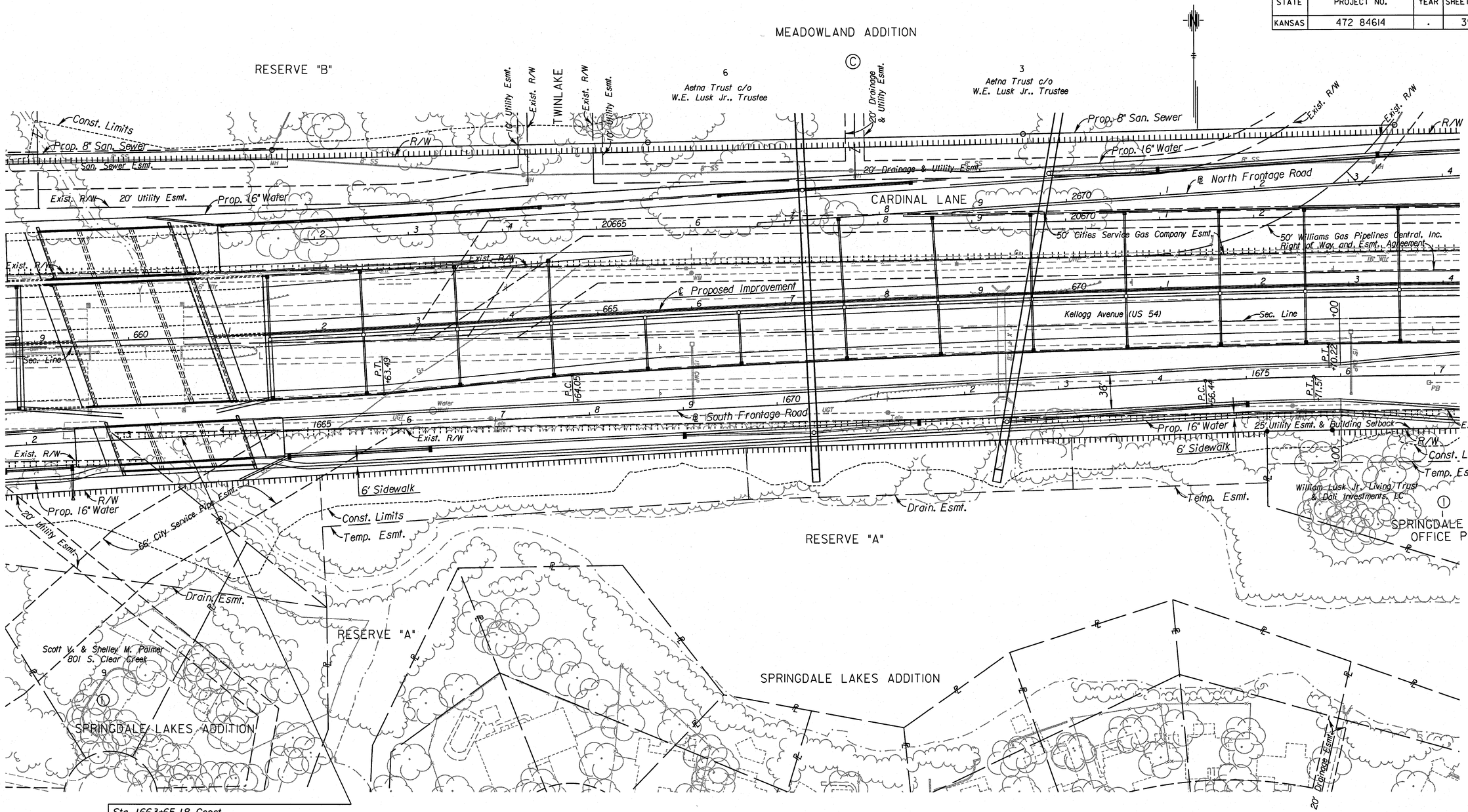
10' x Sp. Dt. Lt.

+56

10' x Sp. Dt. Rt.

| | | |

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	39	538



Sta. 1663+65.18 Const.
Br. No ()
42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-40' Roadway, 1-6' Sidewalk, 16°21'08" Skew Lt.
See Sh. No's. 180, 183 -184

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas,	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1662+00 TO STA. 1677+00

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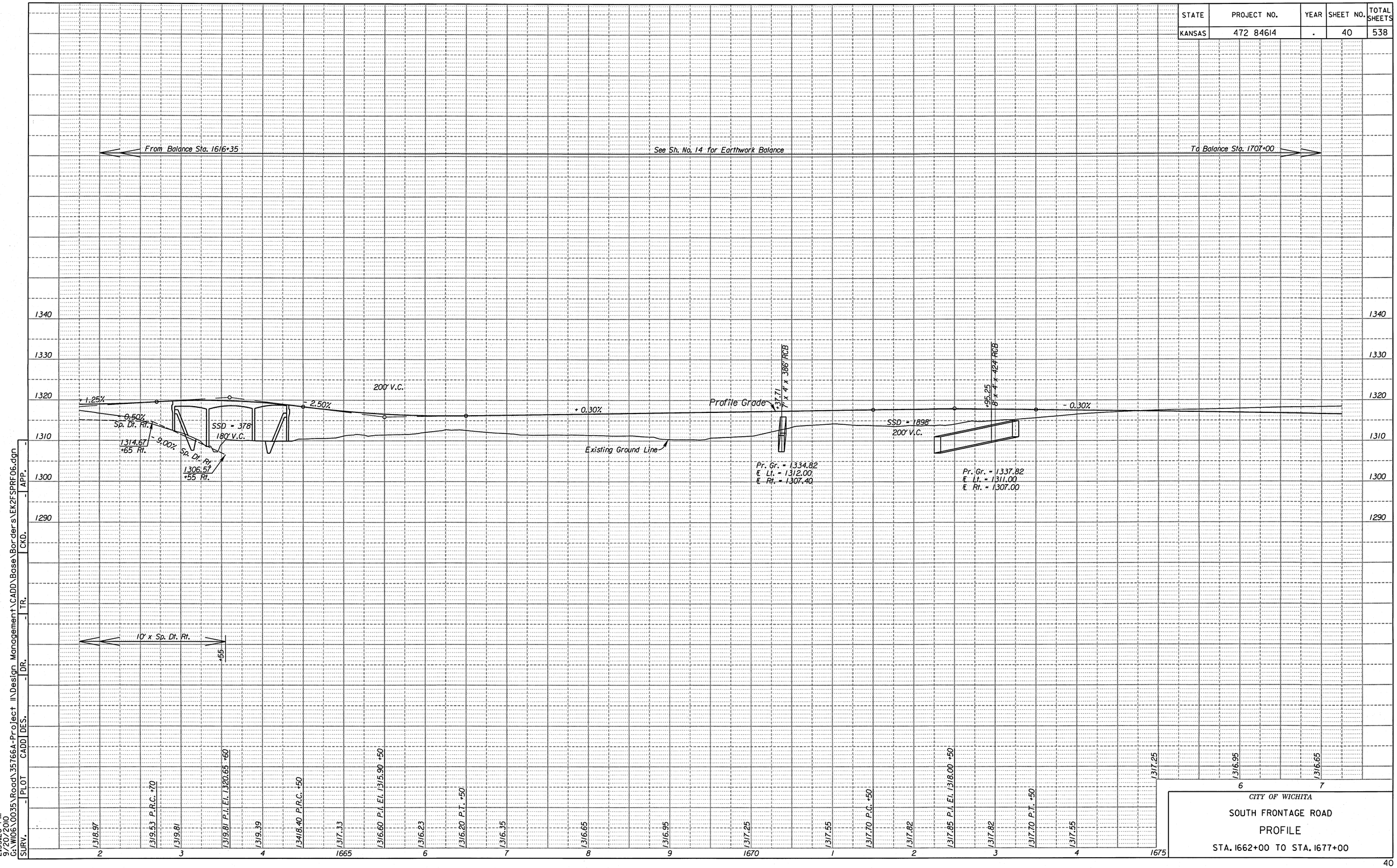
SURV. - PLOT | CADD | DES. - DR. | TR. | CKD. - APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	40	538



CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1662+00 TO STA. 1677+00

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SURV. - PLOT - CADD - DES. - DR. - TR. - CKD. - APP. -

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	41	538

MEADOWLAND ADDITION

RESERVE "F"

PRAIRIE POND PLAZA 2ND ADDITION

RESERVE "A"

Aetna Trust c/o W.E. Lusk Jr., Trustee

Taylor Enterprises Inc.

KELLOGG DRIVE

Kellogg Avenue (US 54)

℄ 143rd Street East = Sec. Line

℄ North Frontage Road

℄ South Frontage Road

Proposed Improvement

P.I. +32.00

Sec. Line

Exist. R/W

Prop. 16" Water

Prop. 12" Water

Prop. 8" San. Sewer

Const. Limits

Temp. Esmt.

30' Private Utility Esmt.

20' Utility Esmt.

20' Drainage Esmt.

30' Drainage & Utility Esmt.

15' Utility Esmt.

30' Utility Esmt.

50' Williams Gas Pipelines Central, Inc. Right of Way and Esmt. Agreement

10" The Gas Service Company Esmt.

25' Utility Esmt.

6' Sidewalk

T-Type Retaining Wall J

10" Pipeline Esmt.

16" Esmt.

6" San. Sewer Esmt.

55' KGE Esmt.

Drain. Esmt.

William Lusk Jr. Living Trust & Dall Investments, LC

Keith A. Hillary & Fitzgeralds 14401 E. Kellogg

Arlan & Sharon Bentz Living Trust 14431 E. Kellogg

Richard & Carol Khol 501 S. Springlake

Kimberly & Co Trieu Le 500 S. Springlake

SPRINGDALE LAKES OFFICE PARK

SPRINGDALE COUNTRY CLUB ESTATES

SPRINGDALE LAKE

LAKESIDE LANE

Sta. 1683+21.45 ℄ South Frontage Rd. = Sta. 50+97.61 ℄ 143rd Street East

Sta. 1685+45.82, 41.50' Rt. Begin. T-Type Retaining Wall J

See Sh. No. 170

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1677+00 TO STA. 1692+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	42	538

From Balance Sta. 1616+35

See Sh. No. 14 for Earthwork Balance

To Balance Sta. 1707+00

See Sheet No. 100 for Intersection Grades.

+48.83

+00.80

45 ℄ 143rd Street East

+21.45 ℄ 143rd Street East

225' V.C.

300' V.C.

Existing Ground Line

- 0.30%

+ 1.25%

Profile Grade

- 0.30%

Profile Grade

+71.22

10' x 3' x 379' RCB

+ 2.30%

Pr. Gr. = 1319.94
℄ Lt. = 1320.00
℄ Rt. = 1311.00

1340
1330
1320
1310
1300
1290

1316.65
1316.35
1316.05
1315.99 P.C. +22.50
1315.92
1316.04 P.I. Elev. 1315.65 +35
1316.51
1317.05 P.T. +47.50
1317.07 P.I. +48.83
1319.43 P.I. +00.80
1319.14
1318.84
1318.54
1318.40 P.C. +45
1318.37
1318.93 P.I. Elev. 1317.95 +95
1318.98
320.46
321.40 P.T. +45
322.67

7 8 9 1680 1 2 3 4 1685 6 7 8 9 1690 1 2

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1677+00 TO STA. 1692+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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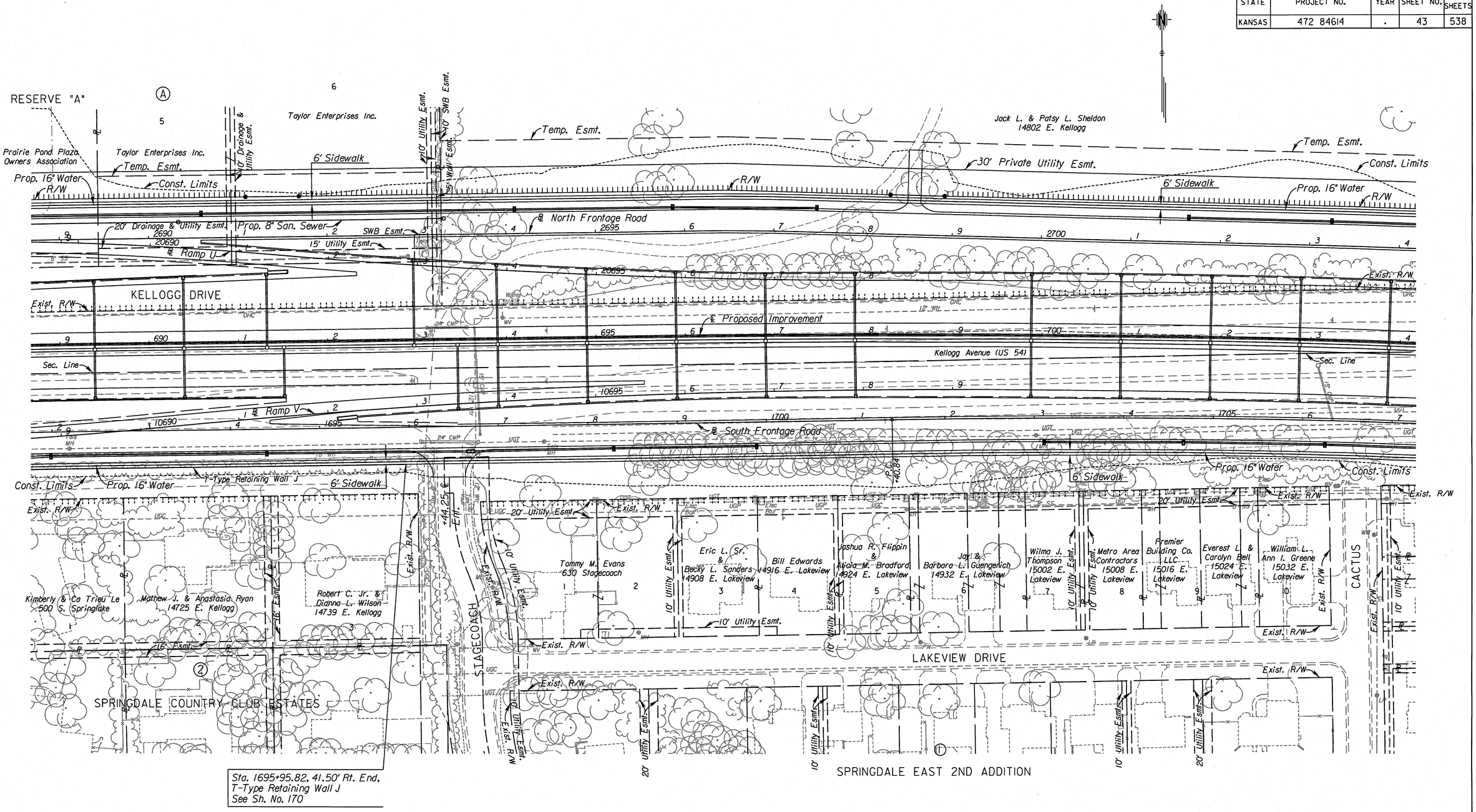
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	43	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1692+00 TO STA. 1707+00

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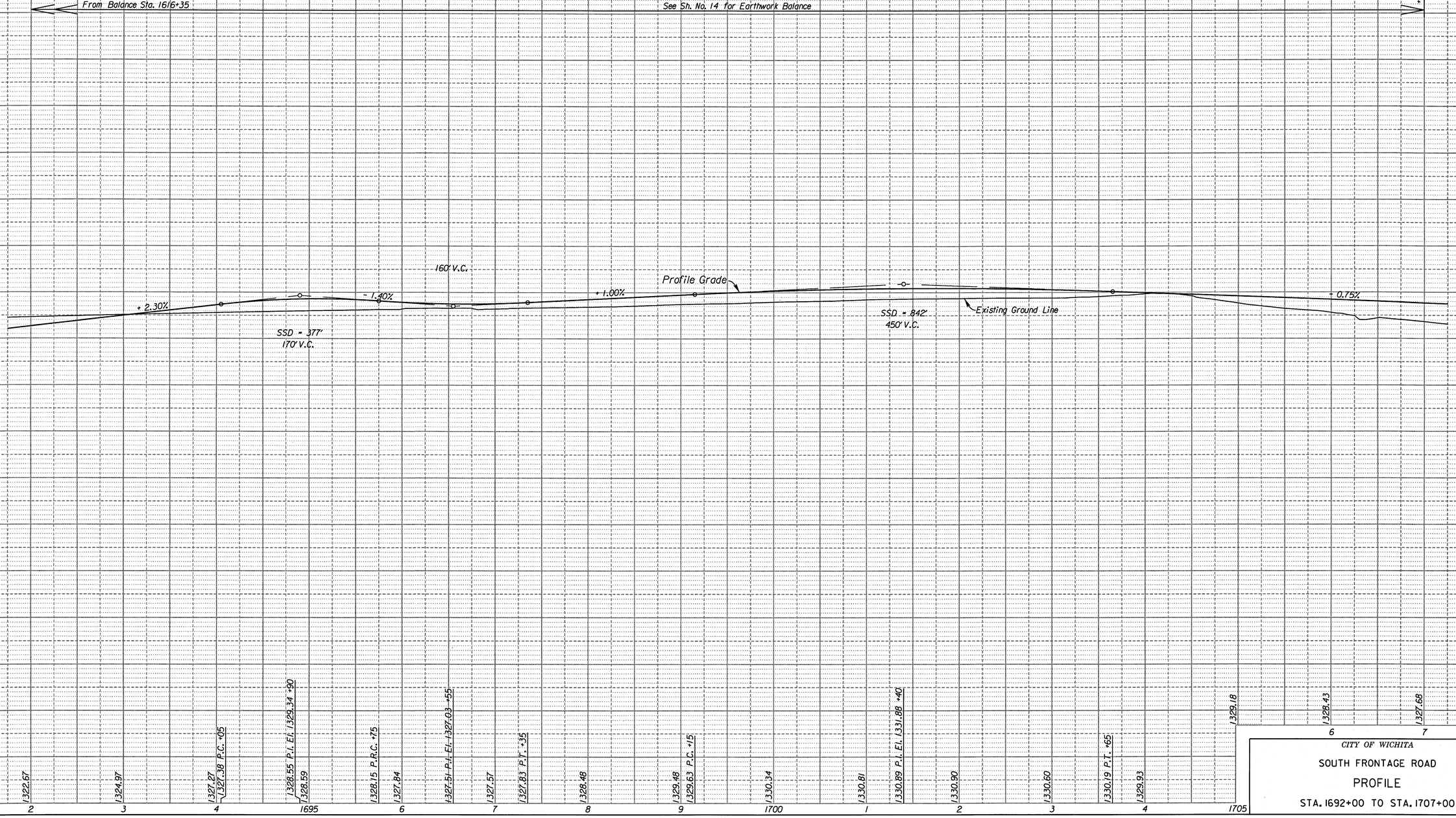
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	44	538

From Balance Sta. 1616+35

See Sh. No. 14 for Earthwork Balance

-00



CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1692+00 TO STA. 1707+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-			-	-		-

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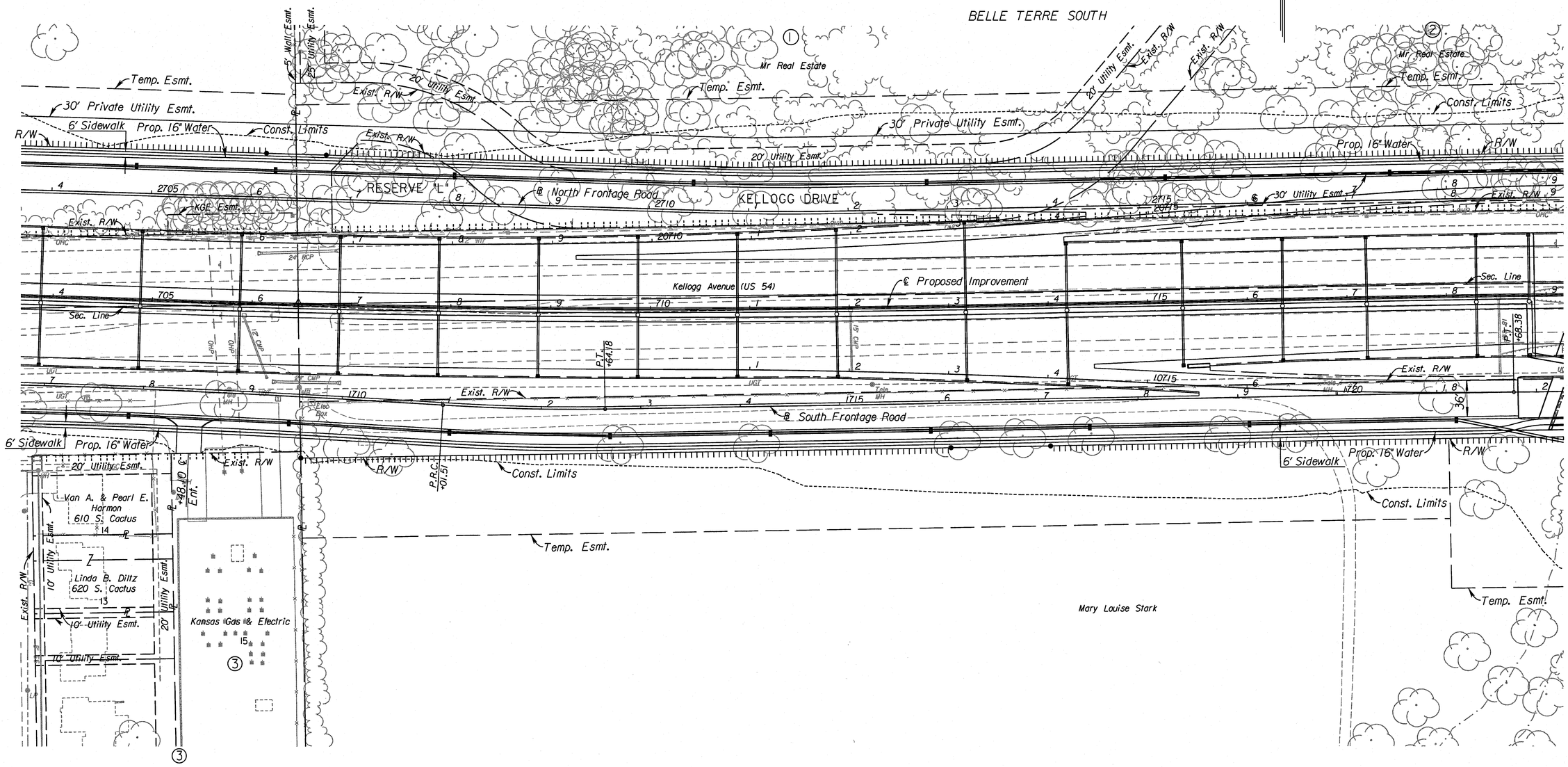
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	45	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1707+00 TO STA. 1722+00

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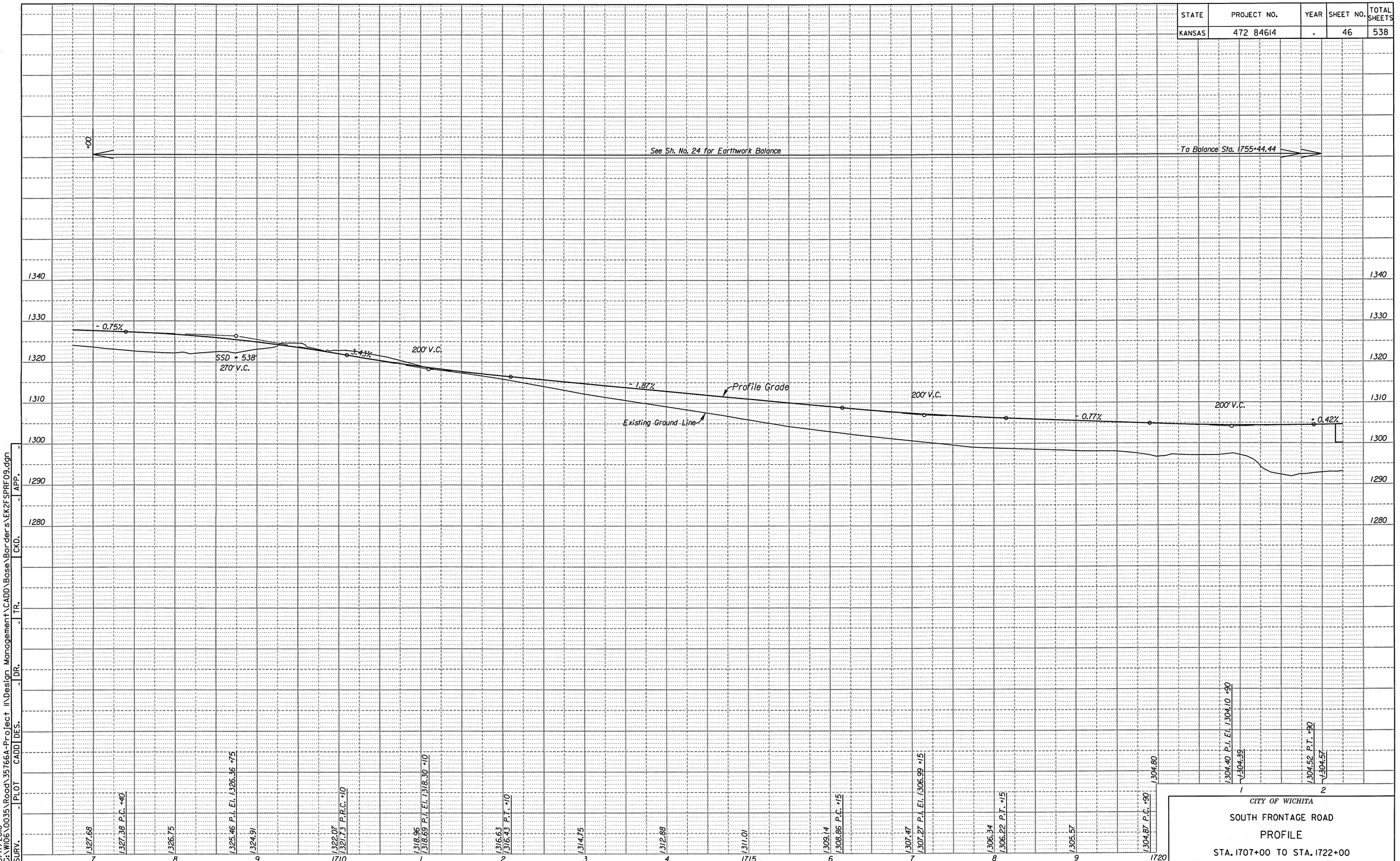
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	46	538



CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1707+00 TO STA. 1722+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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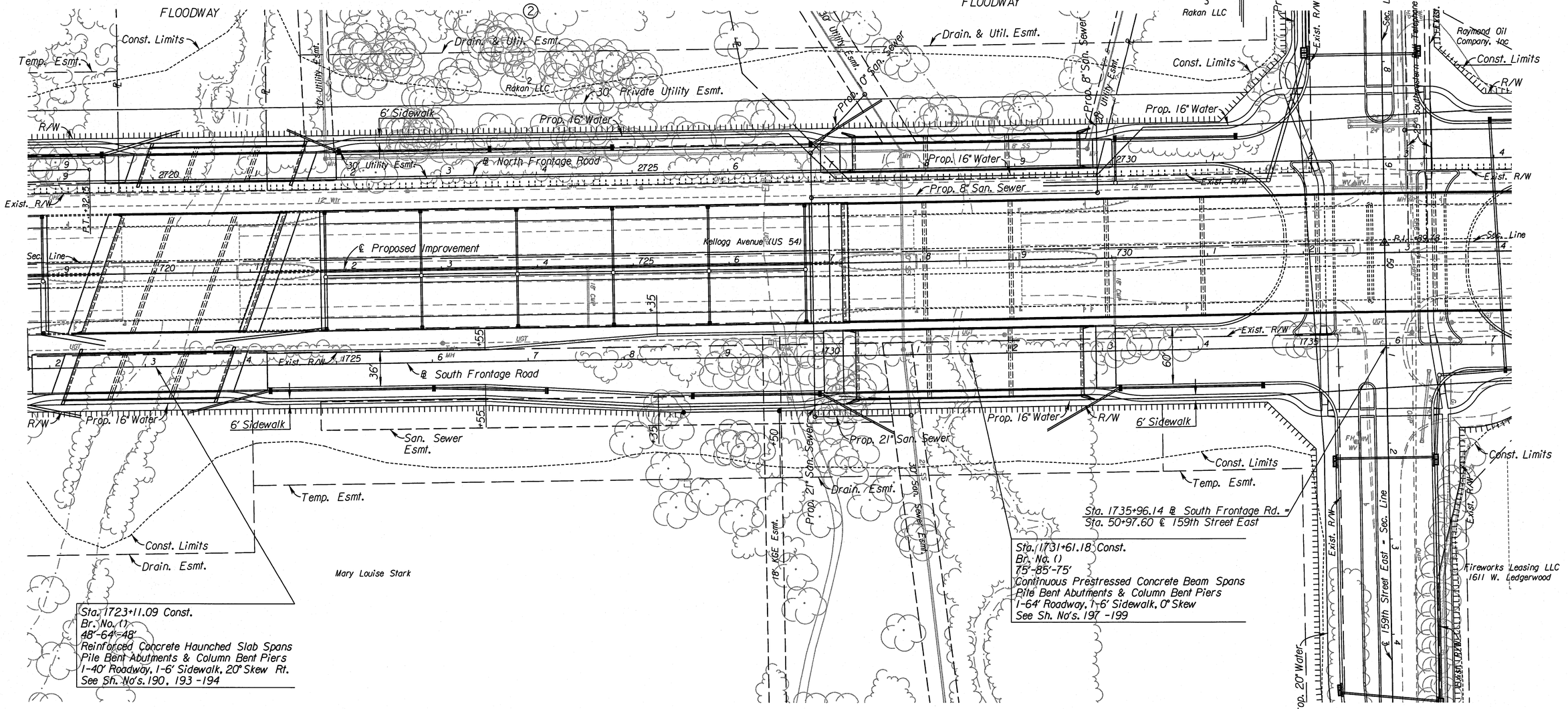
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	47	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1722+00 TO STA. 1737+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-

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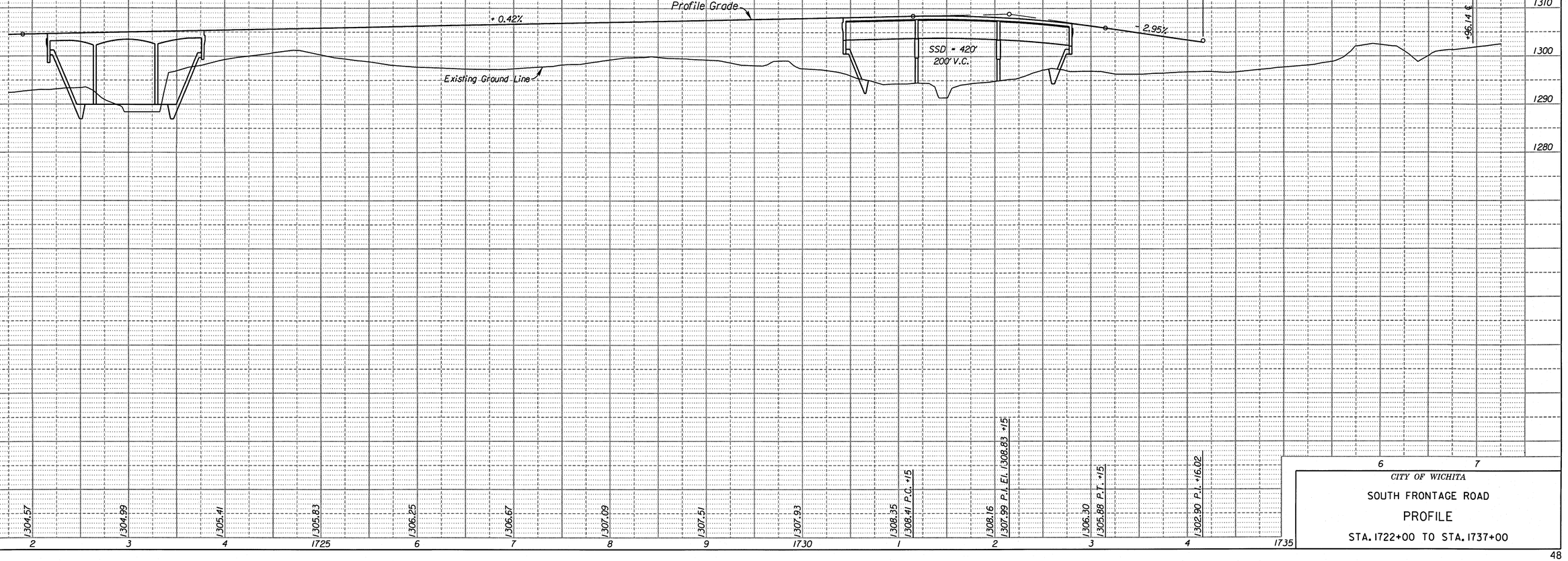
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	48	538

From Balance Sta. 1707+00

See Sh. No. 24 for Earthwork Balance

To Balance Sta. 1755+44.44

See Sheet No. 101 for Intersection Grades.



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CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1722+00 TO STA. 1737+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-

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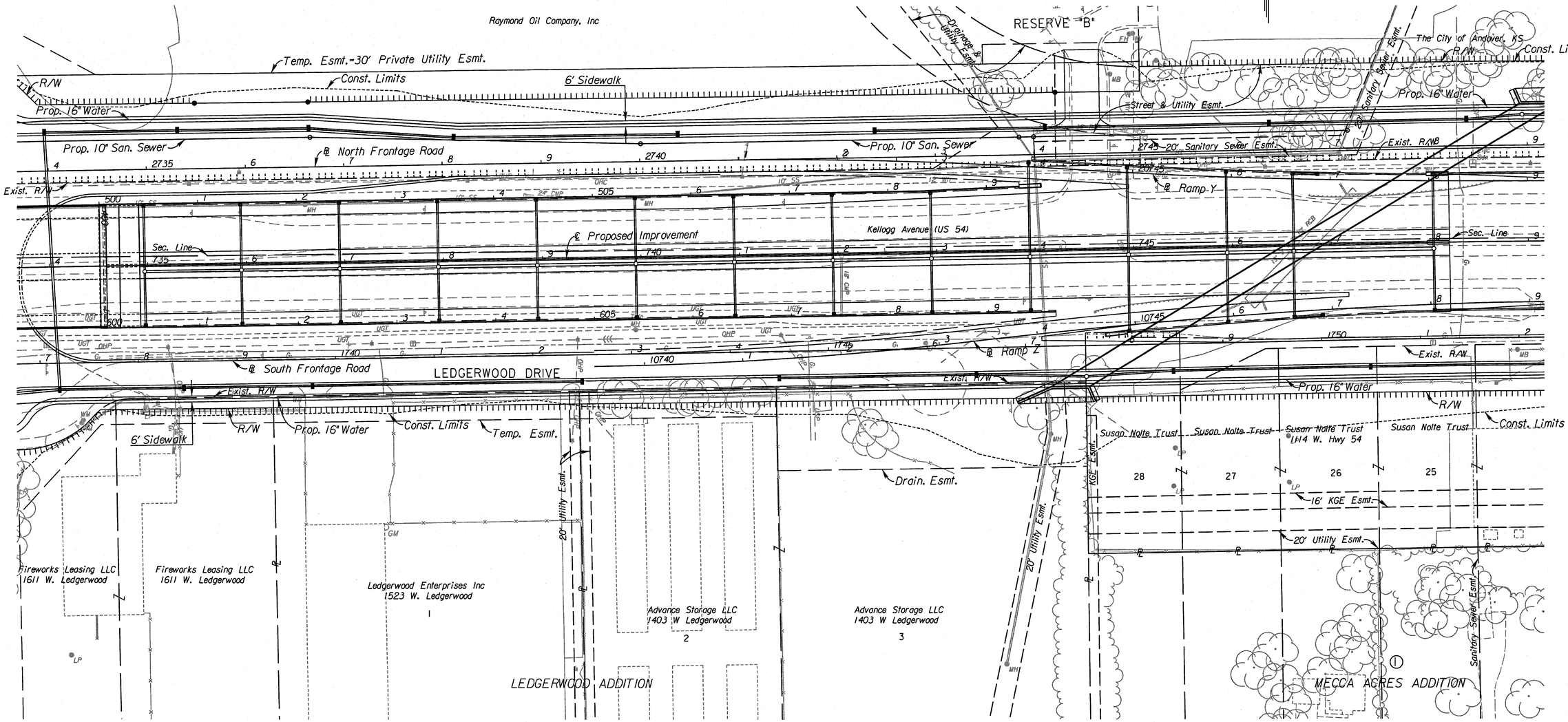
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	49	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1737+00 TO STA. 1752+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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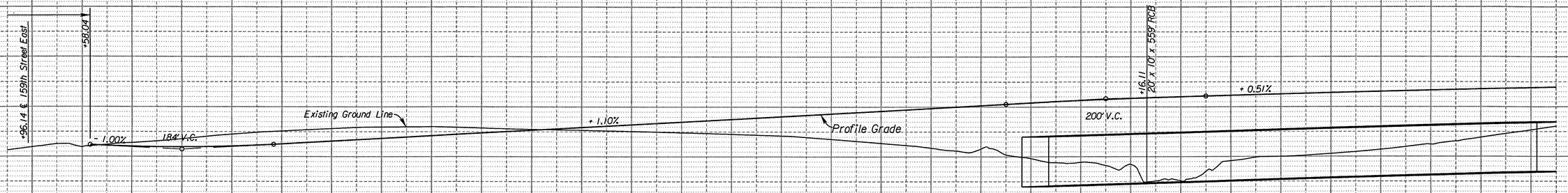
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	50	538

From Balance Sta. 1707+00

See Sh. No. 24 for Earthwork Balance

To Balance Sta. 1755+44.44



1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750
7	8	9	1	2	3	4	1	2	3	4	1	2	3
1302.38 P.C. +58.04	1302.06	1301.95 P.I. El. 1301.46 +50	1302.11	1302.47 P.T. +41.96	1303.11	1304.21	1305.31	1306.41	1307.51	1308.61	1309.71	1310.54 P.C. +75	1310.80

1751	1752
4	1
1311.49 P.I. El. 1311.64 +75	1311.68

1753	1754	1755
2	3	4
1312.15 P.T. +75	1312.28	1312.79

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1737+00 TO STA. 1752+00

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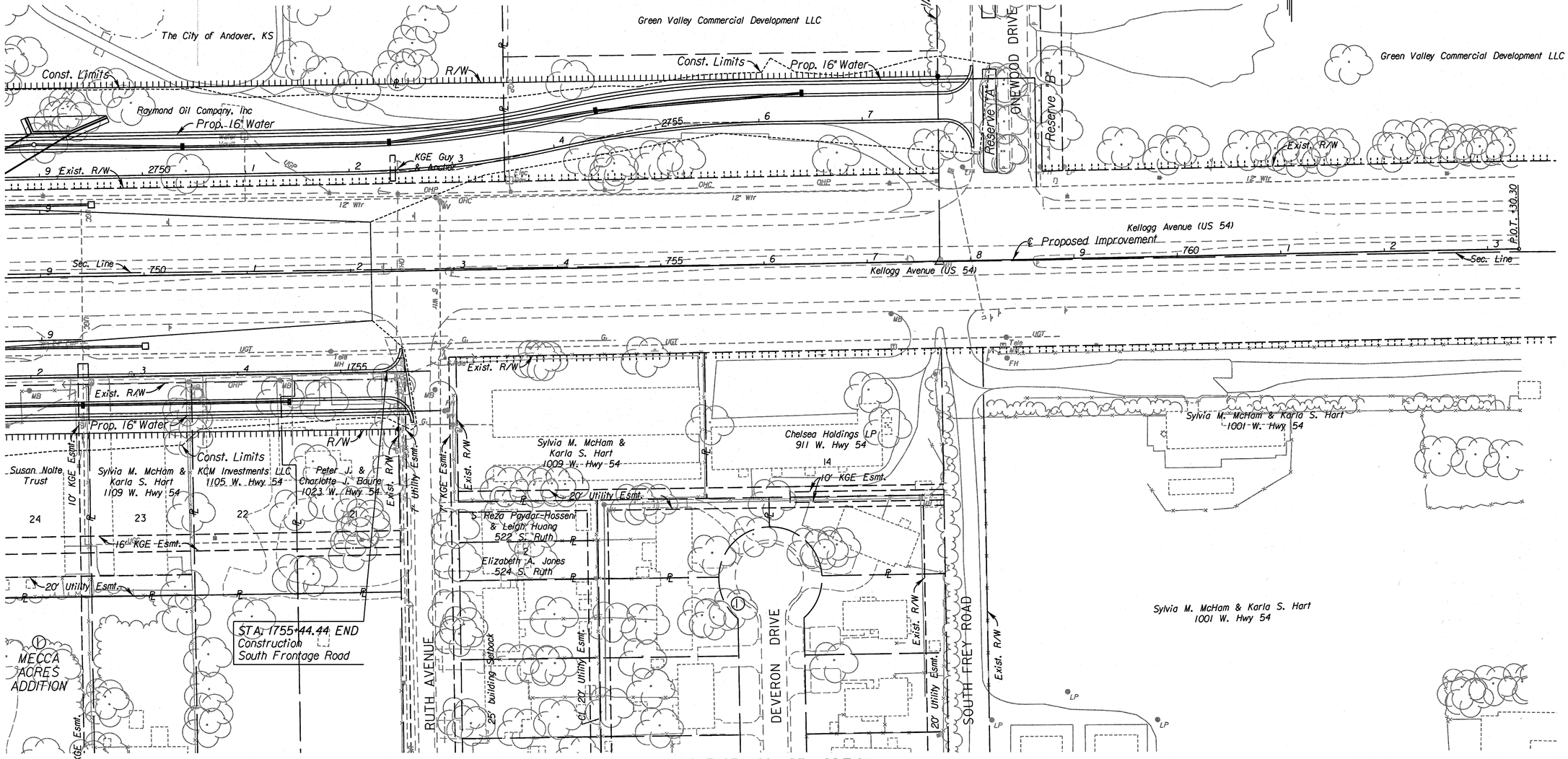
SURV. - PLOT | CADD | DES. | - DR. | - TR. | CKD. | - APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	51	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas,	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

PLAN

STA. 1752+00 TO STA. 1755+44.44

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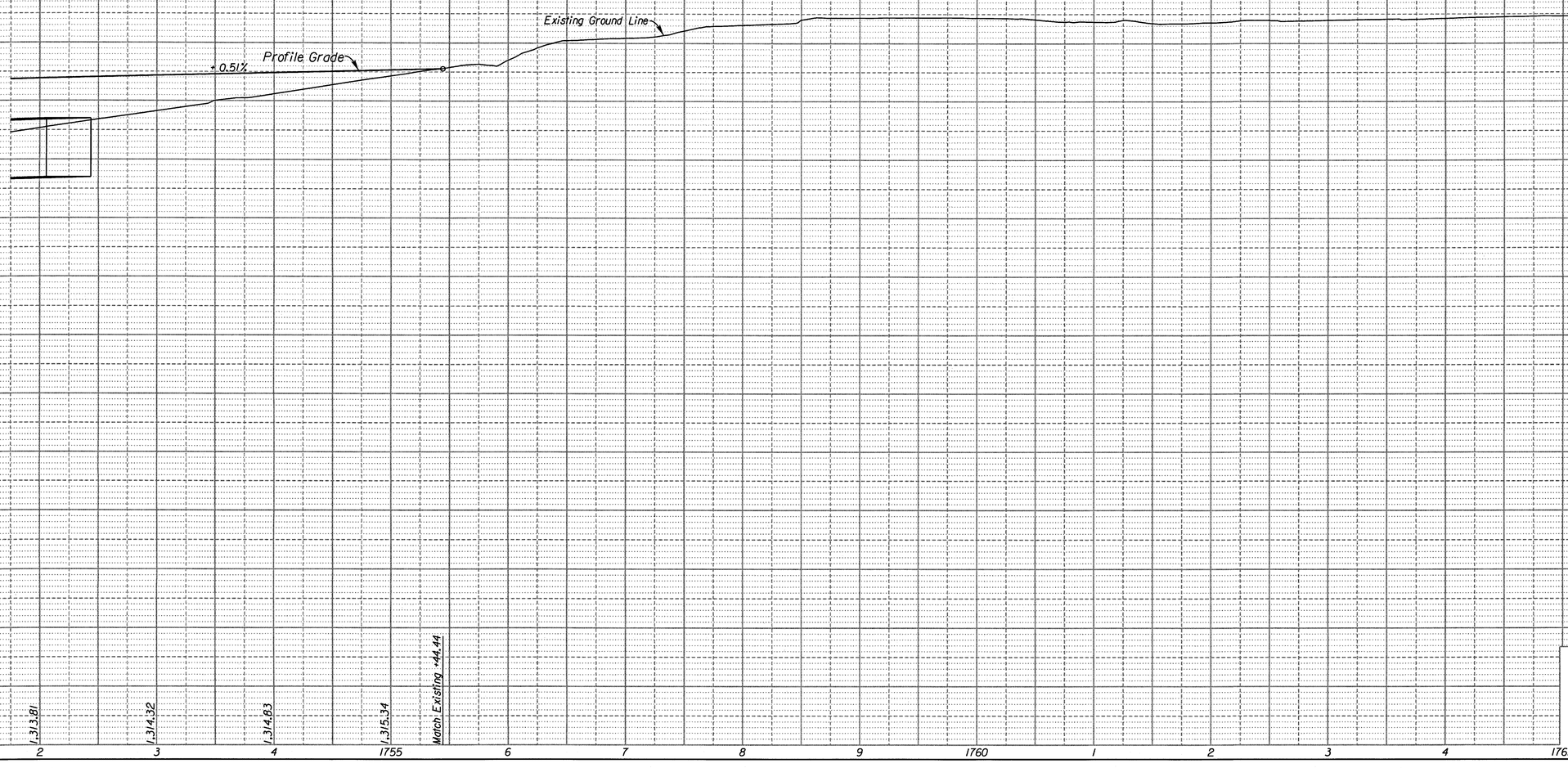
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	52	538

See Sh. No. 24 for Earthwork Balance

From Balance Sta. 1707+00

+44.44



CITY OF WICHITA

SOUTH FRONTAGE ROAD

PROFILE

STA. 1752+00 TO STA. 1755+44.44

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52

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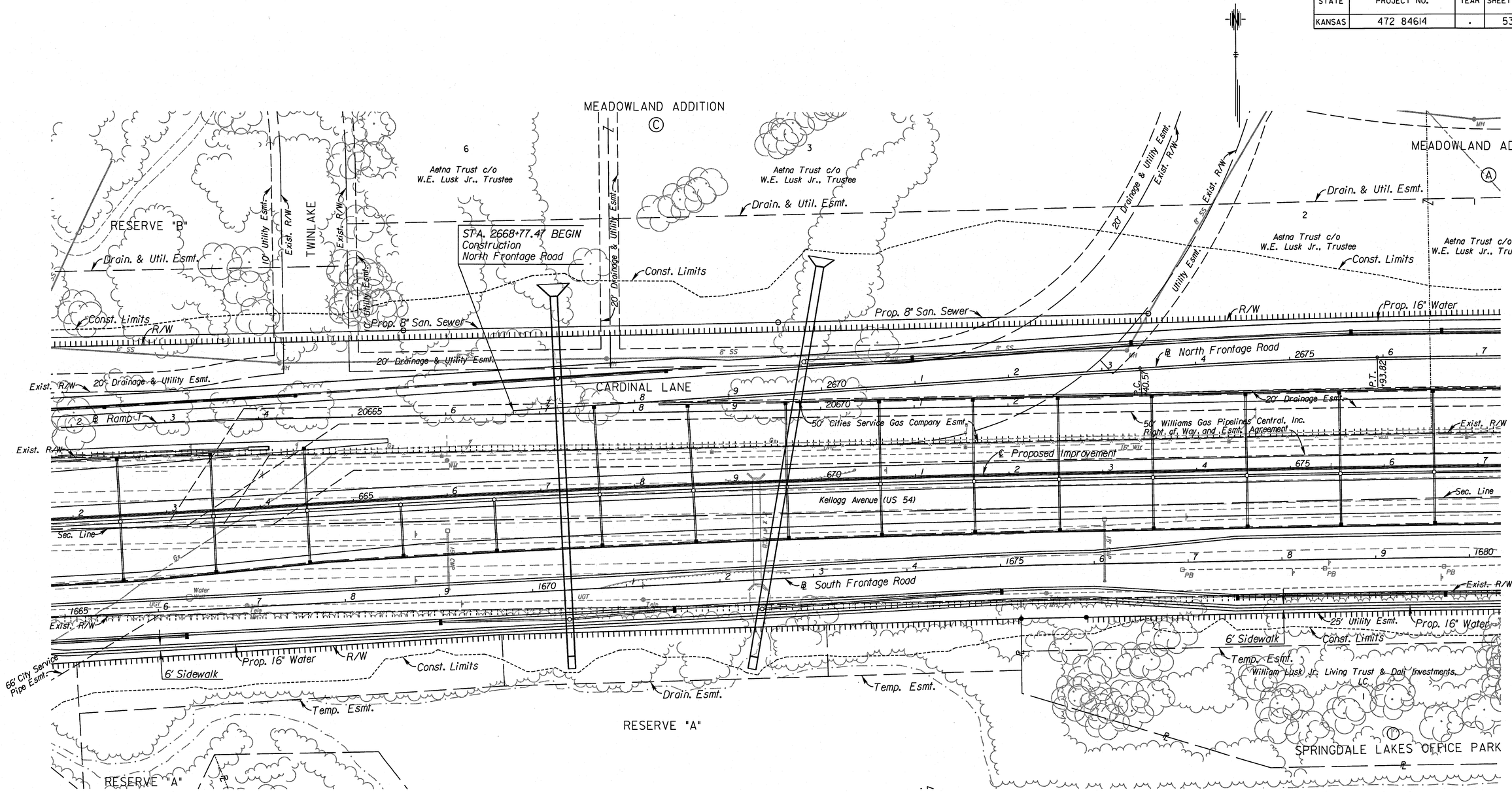
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	53	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas,	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

PLAN

STA. 2662+77.47 TO STA. 2677+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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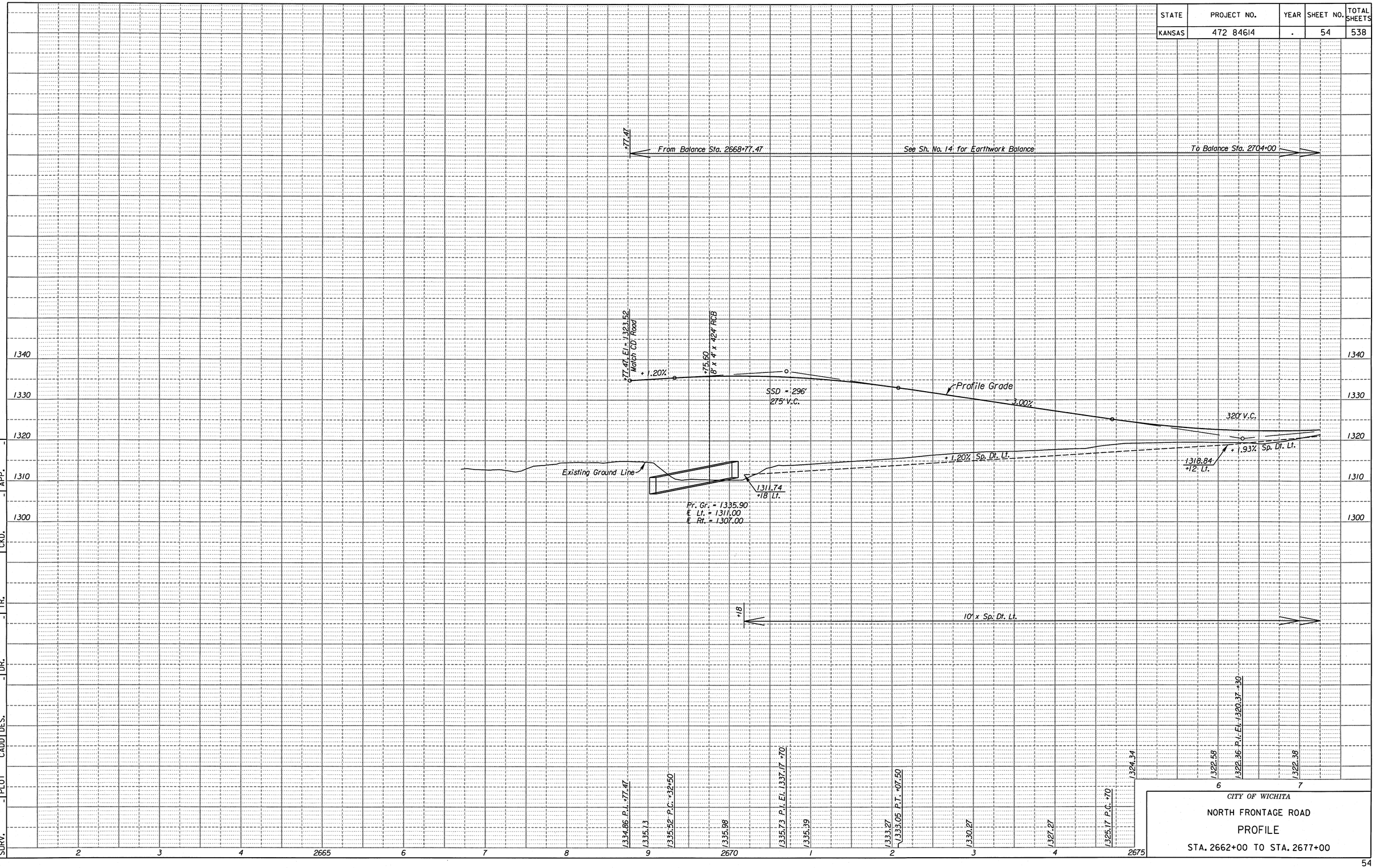
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	54	538



CITY OF WICHITA

NORTH FRONTAGE ROAD

PROFILE

STA. 2662+00 TO STA. 2677+00

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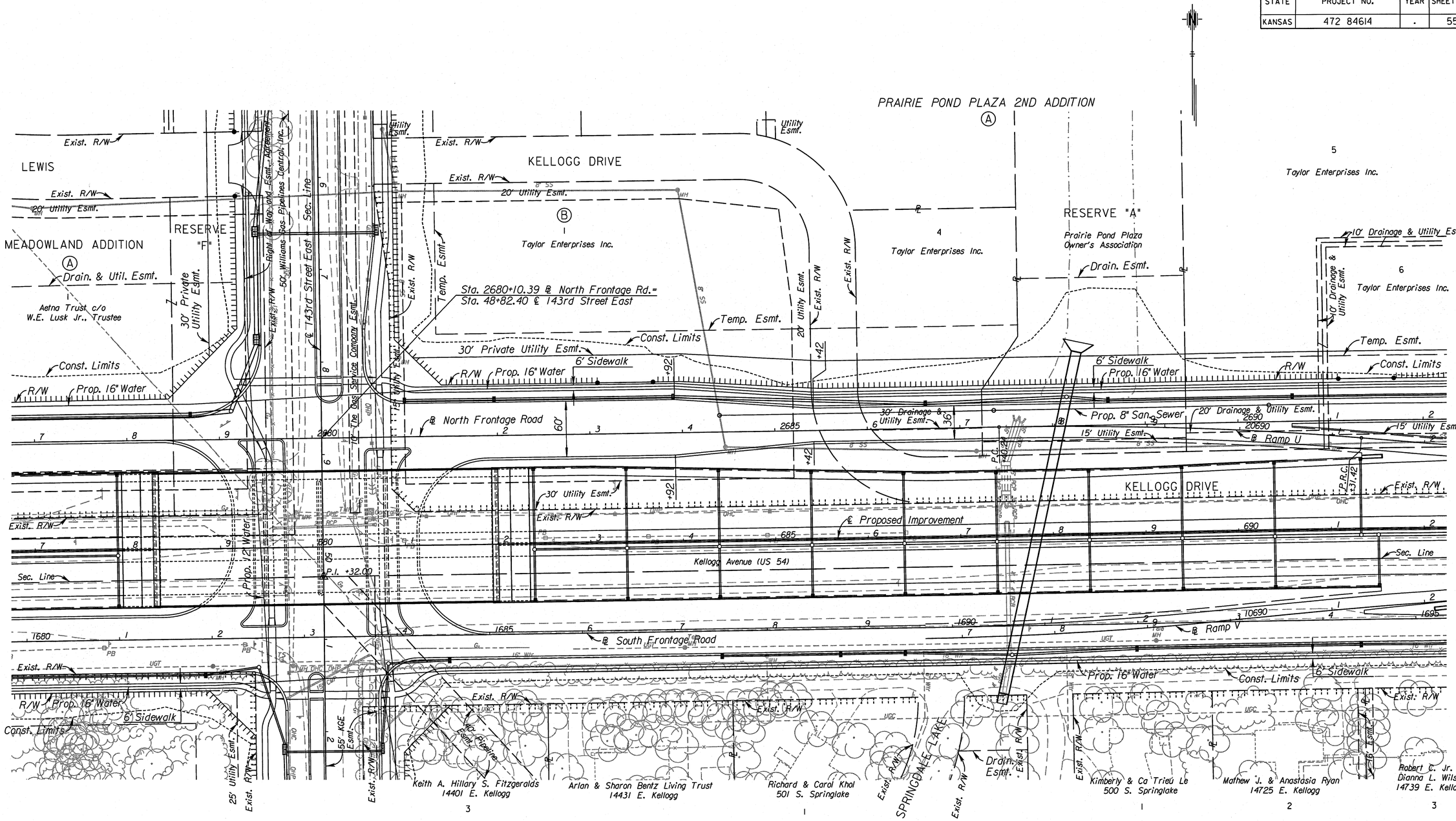
SURV. - PLOT - CADD DES. - DR. - TR. - CKD. - APP. -

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	55	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas,	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

PLAN

STA. 2677+00 TO STA. 2692+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	56	538

From Balance Sta. 2668+77.47

See Sh. No. 14 for Earthwork Balance

To Balance Sta. 2704+00

See Sheet No.100 for Intersection Grades.

+37.29

+89.26

+10.39 ℄ 143rd Street East

Existing Ground Line

Profile Grade

+1.97%

+1.83% Sp. Dt. Lt.

1322.84
+19 Lt.

191.74' V.C.

+3.00%

SSD = 388'
420' V.C.

+08.71
10' x 3' x 3'9" RCB

Profile Grade

-0.70%

Pr. Gr. = 1331.23
℄ Lt. = 1320.00
℄ Rt. = 1311.00

10' x Sp. Dt. Lt.

+19

	1322.38	1323.62 P.T. +90	1323.72	1324.45 P.I. +37.29	1323.62 P.C. +89.26	1323.62	1324.20 P.I. El. 1323.43 +85	1324.43	1326.43 P.R.C. +85	1326.87	1329.30	1330.79 P.I. El. 1332.73 +95	1330.84	1331.51	1331.29	1331.26 P.T. +05	1330.60	1329.90	1329.20	1328.50
	7	8		9	2680	1	2	3	4		2685	6		7	8		9	2690	1	2

CITY OF WICHITA

NORTH FRONTAGE ROAD

PROFILE

STA. 2677+00 TO STA. 2692+00

56

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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	57	538

PRAIRIE POND PLAZA
2ND ADDITION
Ⓐ

10' Utility Esmt.
10' Drainage & Utility Esmt.
6
Taylor Enterprises Inc.
10' SWB Esmt.
5' Wall Esmt.
Temp. Esmt.
Const. Limits
30' Private Utility Esmt.
6' Sidewalk
R/W
Prop. 16" Water
Prop. 8" San. Sewer
SWB Esmt.
15' Utility Esmt.
℄ Ramp U
Exist. R/W
℄ Ramp V
Sec. Line
24" CMP
Prop. 16" Water
6' Sidewalk
Exist. R/W
Const. Limits
20' Utility Esmt.
Robert C. Jr. & Dianna L. Wilson
14739 E. Kellogg
3
Exist. R/W
STAGECOACH
Exist. R/W
10' Utility Esmt.
Tommy M. Evans
630 Stagecoach
1
2
10' Utility Esmt.
Eric L. Sr. & Becky L. Sanders
14908 E. Lakeview
3
Bill Edwards
14916 E. Lakeview
4
10' Utility Esmt.
Joshua R. Flippin & Alicia M. Bradford
14924 E. Lakeview
5
Jay & Barbara L. Guengerich
14932 E. Lakeview
6
10' Utility Esmt.
Wilma J. Thompson
15002 E. Lakeview
7
10' Utility Esmt.
Metro Area Contractors
15008 E. Lakeview
8
Premier Building Co. LLC
15016 E. Lakeview
9
Everest L. & Carolyn Bell
15024 E. Lakeview
10
William L. & Ann I. Greene
15032 E. Lakeview
Exist. R/W
CACTUS
Exist. R/W
10' Utility Esmt.
Van A. & Pearl E. Harmon
610 S. Cactus
14
20' Utility Esmt.
Kansas Gas & Electric
15

Jack L. & Patsy L. Sheldon
14802 E. Kellogg

56.60 ℄ Ent.
P.C. 15.20
P.T. 26.57
℄ North Frontage Road
℄ Proposed Improvement
Kellogg Avenue (US 54)
℄ South Frontage Road
2695
2700
2705
695
700
705
1695
1700
1705
1710
12" Wtr.
12" CMP
24" RCP
UGT
UGP
UGC
UGE
OHC
Elec
Pedestal
Elec Box
Temp. Esmt.
Const. Limits
30' Private Utility Esmt.
Prop. 16" Water
R/W
6' Sidewalk
5' Wall Esmt.
20' Utility Esmt.
KGE Esmt.
Exist. R/W
Sec. Line
24" CMP
Exist. R/W
6' Sidewalk
Const. Limits
Prop. 16" Water
20' Utility Esmt.
Exist. R/W
20' Utility Esmt.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

PLAN

STA. 2692+00 TO STA. 2707+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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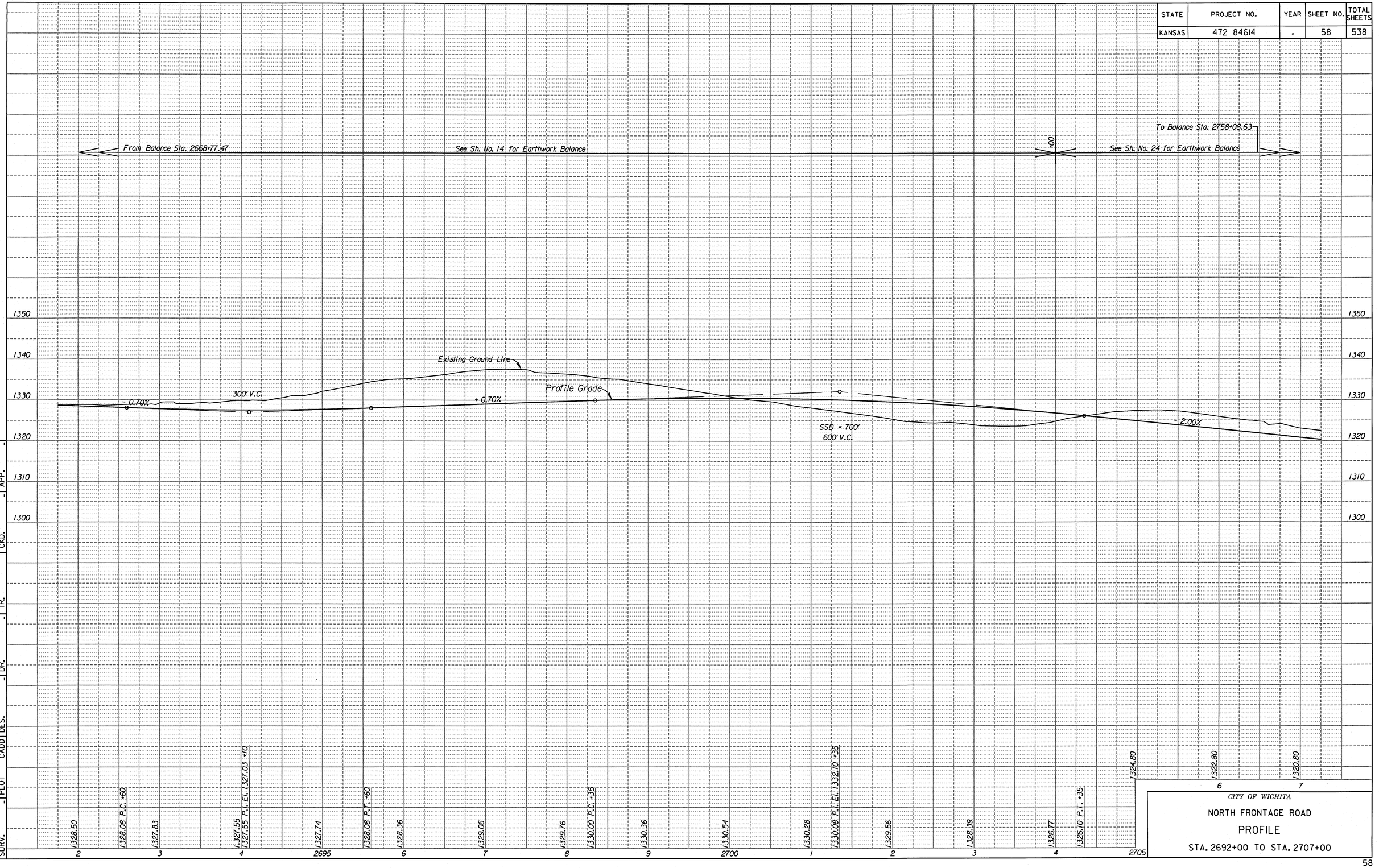
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	58	538



CITY OF WICHITA

NORTH FRONTAGE ROAD

PROFILE

STA. 2692+00 TO STA. 2707+00

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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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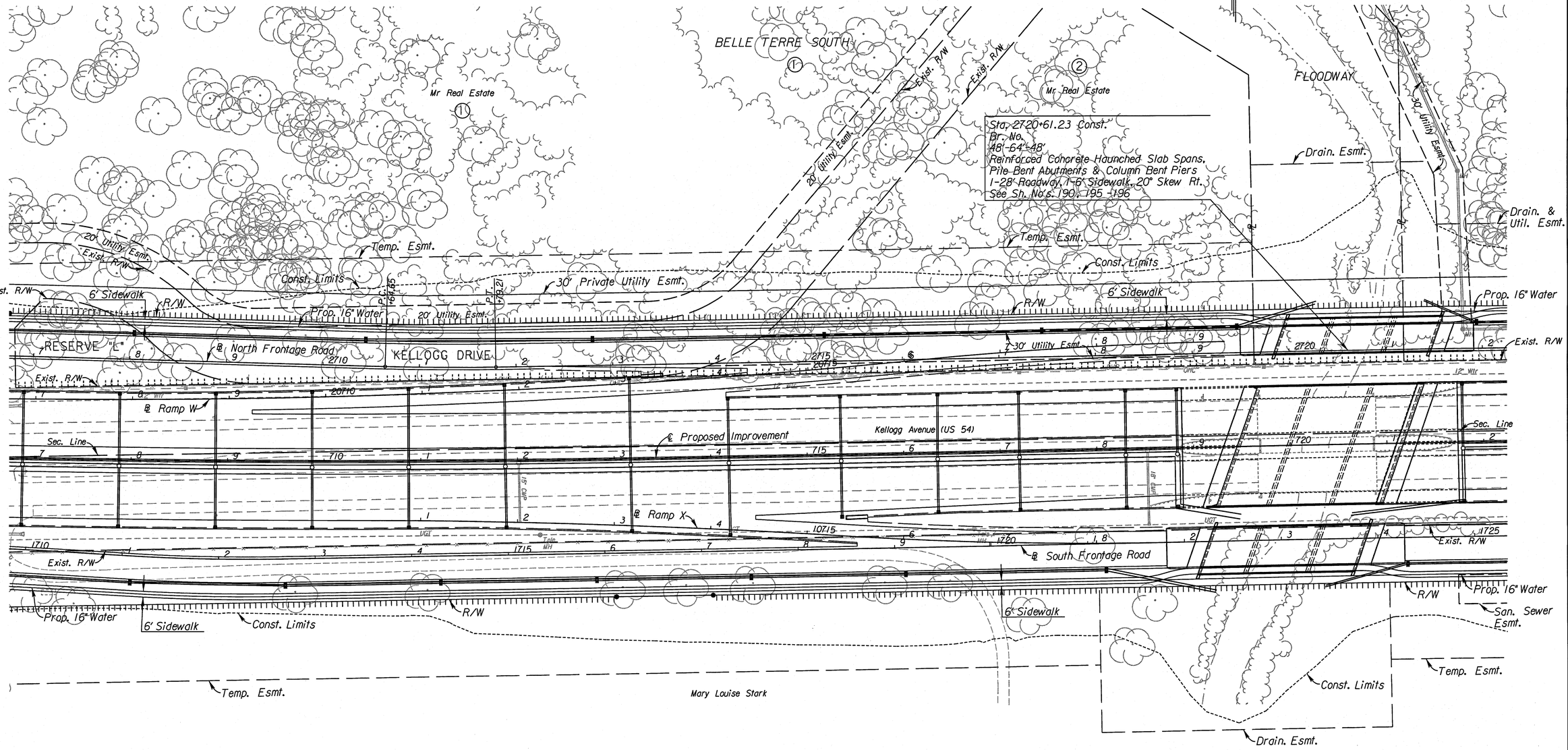
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	59	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

PLAN

STA. 2707+00 TO STA. 2722+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	60	538

From Balance Sta. 2704+00

See Sh. No. 24 for Earthwork Balance

To Balance Sta. 2758+08.63

1340
1330
1320
1310
1300
1290
1280

- 2.00%

Profile Grade

Existing Ground Line

500' V.C.

+ 0.70%

+ 2.00% Sp. Dt.
1297.15
+59.64 Lt.

+59.64
10' x Sp. Dt. Lt.

1 2

1320.80 1318.80 1316.80 1314.80 1312.80 1310.80 1308.80 1307.30 P.C. +75 1306.82 1305.22 1304.17 1303.99 P.I. El. 1302.30 +25 1303.65 1303.68 1304.05 P.T. +75 1304.23 1304.93 1305.63 1306.33

7 8 9 2710 1 2 3 4 2715 6 7 8 9 2720

CITY OF WICHITA

NORTH FRONTAGE ROAD

PROFILE

STA. 2707+00 TO STA. 2722+00

SURV.	PLOT
CADD	DES.
DR.	TR.
CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	61	538

Sta. 2728+50.19 Const.
Br. No.
75'-85'-75' Continuous Prestressed Concrete Beam Spans, Pile Bent Abutments & Column Bent Piers
1-28' Roadway, 1-6' Sidewalk, 0° Skew
See Sh. No's. 197, 200-201

BELLE TERRE ADDITION ②

FLOODWAY

Rakan LLC

Rakan LLC

Raymond Oil Company, Inc

Sta. 2732+84.66 ℄ North Frontage Rd.=
Sta. 49+02.40 ℄ 159th Street East

℄ North Frontage Road

℄ South Frontage Road

℄ Proposed Improvement

Kellogg Avenue (US 54)

Sec. Line

Mary Louise Stark

Fireworks Leasing LLC
1611 W. Ledgerwood

Fireworks Leasing LLC
1611 W. Ledgerwood

Ledgerwood Enterprises Inc
1523 W. Ledgerwood

LEDGERWOOD ADDITION

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

PLAN

STA. 2722+00 TO STA. 2737+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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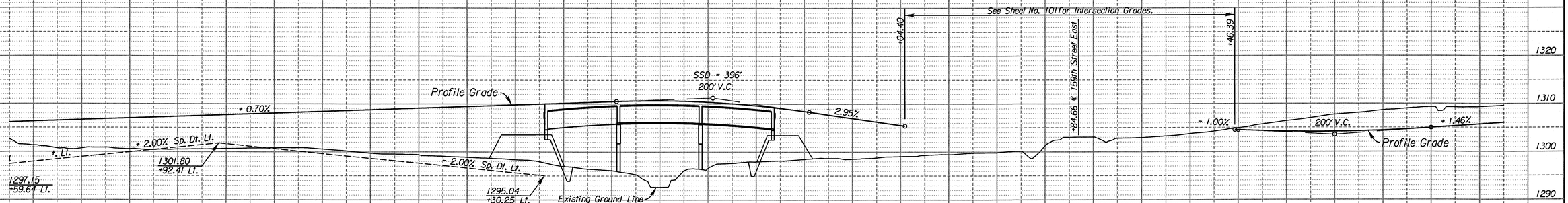
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	62	538

From Balance Sta. 2704+00

See Sh. No. 24 for Earthwork Balance

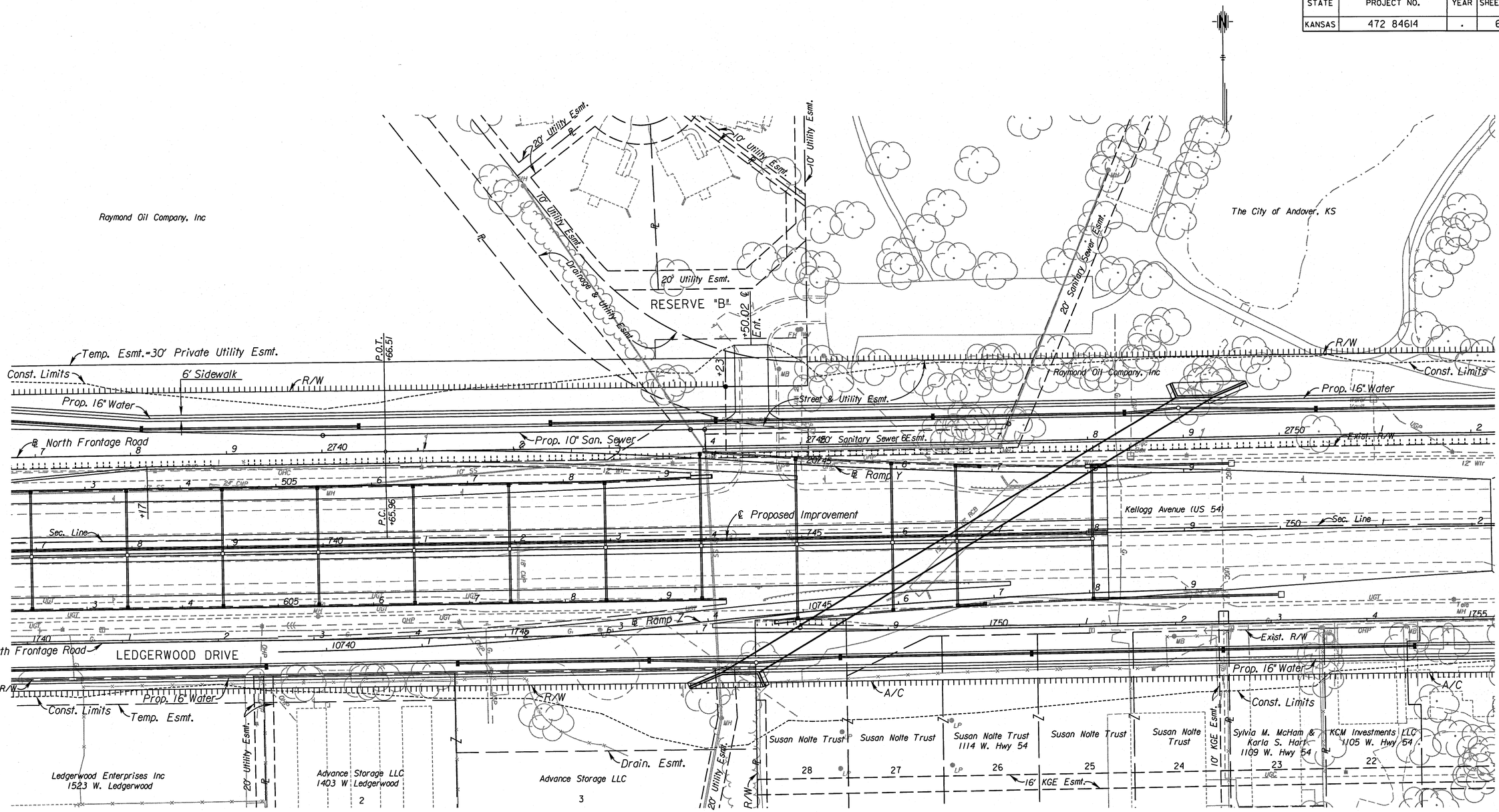
To Balance Sta. 2758+08.63



1320 1310 1300 1290 1280

| | | |

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	63	538



See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas,	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

PLAN

STA. 2737+00 TO STA. 2752+00

63

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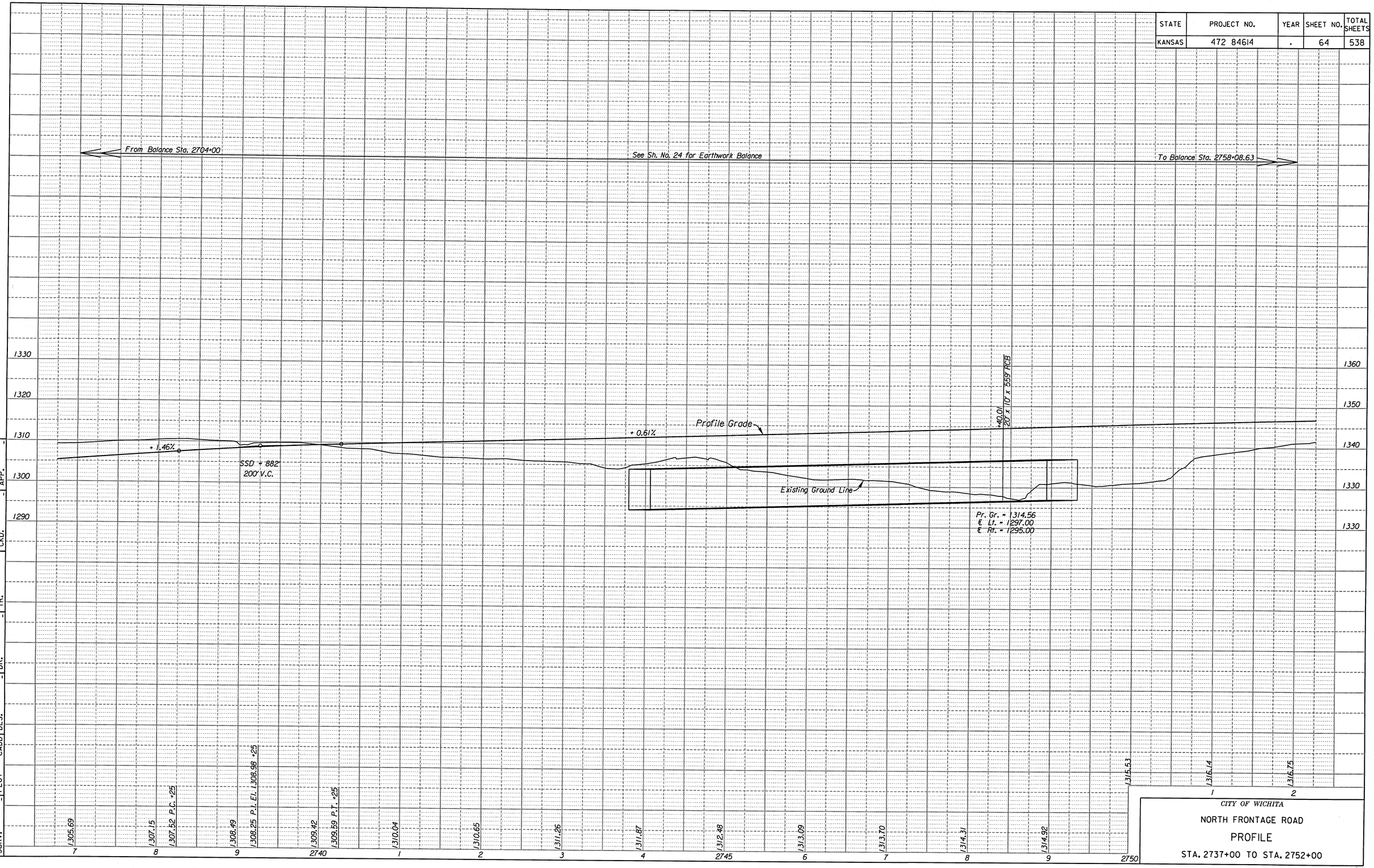
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	64	538



CITY OF WICHITA

NORTH FRONTAGE ROAD

PROFILE

STA. 2737+00 TO STA. 2752+00

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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	65	538

STA. 2758+08.63 END
Construction
North Frontage Road

Green Valley Commercial Development LLC

Temp. Esmt.

Const. Limits

6' Sidewalk

R/W

PRC +04.67

PC +01.76

Prop. 16" Water

℄ North Frontage Road

2755

PT +11.94

KGE Guy & Anchor

1/4 Sec. Line

RESERVE "A"

ONEWOOD DRIVE

Reserve "A"

Reserve "B"

Green Valley Commercial Development LLC

Exist. R/W

12" Wtr

OHP

OHC

Kellogg Avenue (US 54)

℄ Proposed Improvement

P.O.T. +30.30

Sec. Line

755

760

Kellogg Avenue (US 54)

Kellogg Avenue (US 54)

Sec. Line

Exist. R/W

1755

℄ South Frontage Road

Prop. 16" Water

A/C

Peter J. & Charlotte J. Baure
1023 W. Hwy 54

7' Utility Esmt.

Exist. R/W

10' KGE Esmt.

Exist. R/W

Sylvia M. McHam & Karla S. Hart
1009 W. Hwy 54

20' Utility Esmt.

S. Reza Poydar-Hossen & Leigh Huang
522 S. Ruth

Exist. R/W

Chelsea Holdings LP
911 W. Hwy 54

14

10' KGE Esmt.

Exist. R/W

Sylvia M. McHam & Karla S. Hart
1001 W. Hwy 54

SOUTH FREY ROAD

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

PLAN

STA. 2752+00 TO STA. 2758+08.63

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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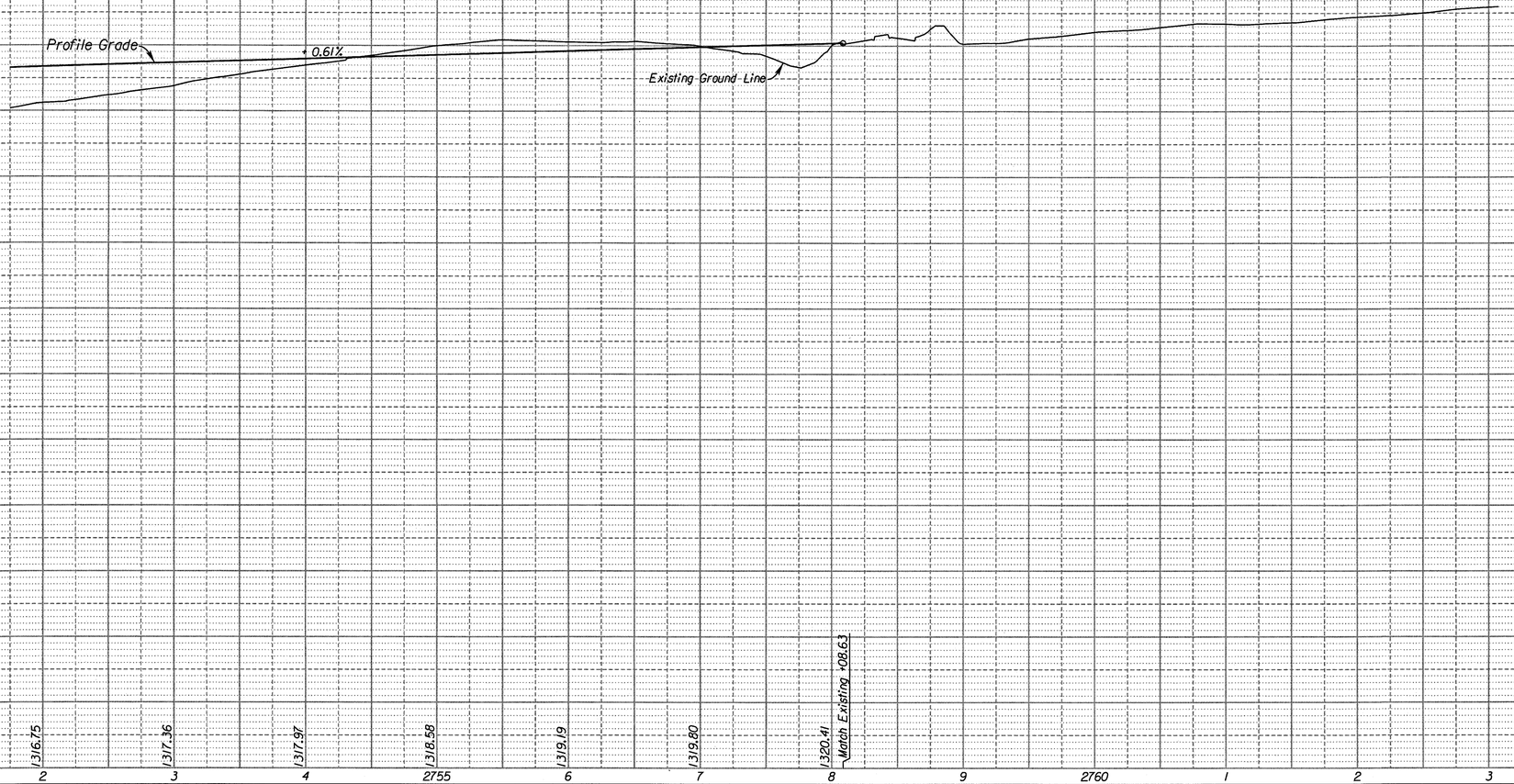
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	66	538

From Balance Sta. 2704+00 See Sh. No. 24 for Earthwork Balance

+08.63



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CITY OF WICHITA

NORTH FRONTAGE ROAD

PROFILE

STA. 2752+00 TO STA. 2758+08.63

66

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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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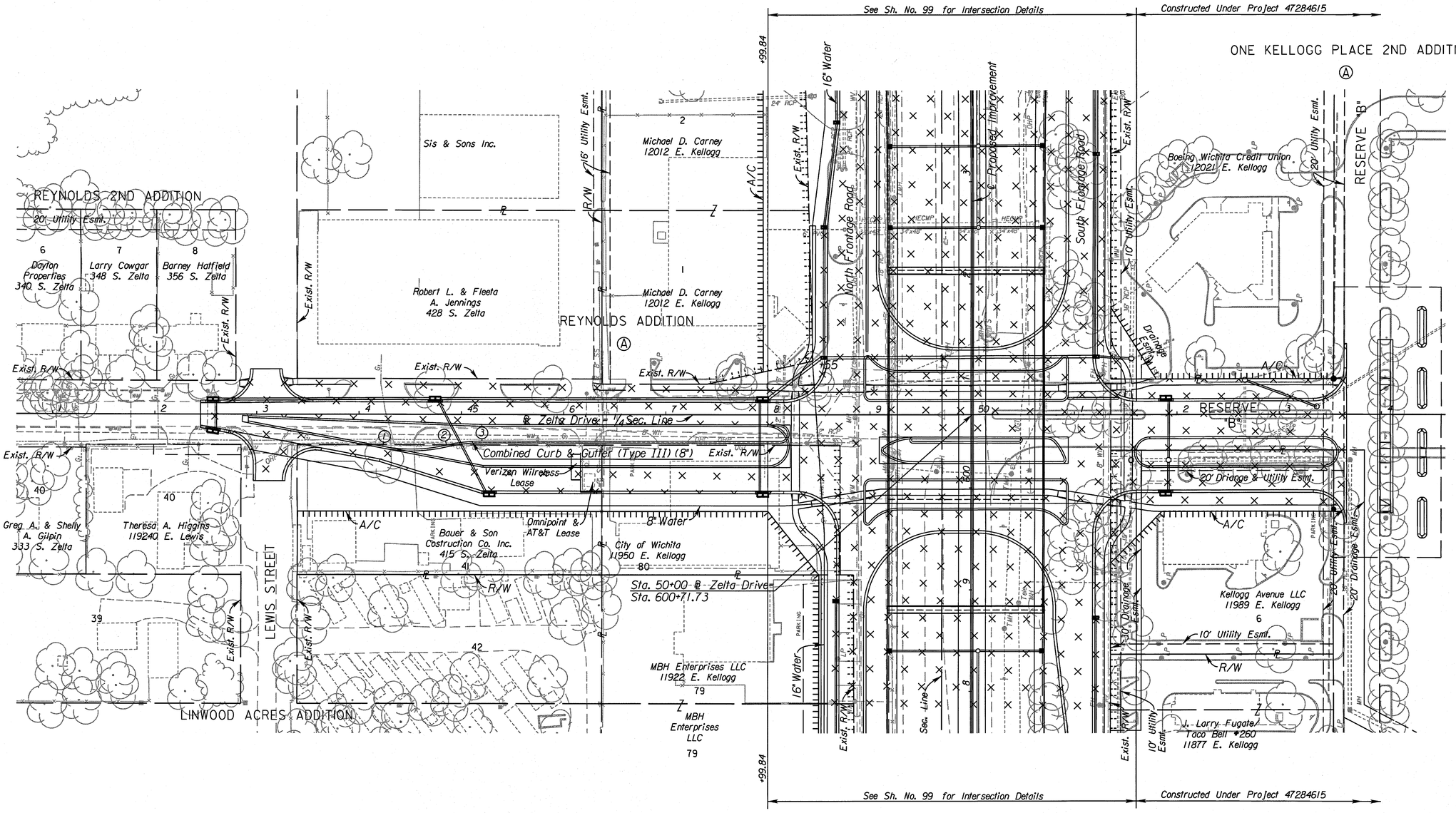
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	67	538



◯ MEDIAN LOCATION					
Point No.	Station	Offset to HE	Description	Elevation Flowline	Elevation Top Curb
1	44+23.07	31.69' Rt.	P.C. 150' R.		
2	44+85.47	30.28' Rt.	P.R.C. 150' R.		
3	45+20.00	26.25' Rt.	P.T. 150' R.		

All stations and offsets are to back of curb unless otherwise shown.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

ZELTA STREET

PLAN

STA. 42+00 TO STA. 53+00

SURV. - PLOT - CADD - DES. - DR. - TR. - CKD. - APP. -

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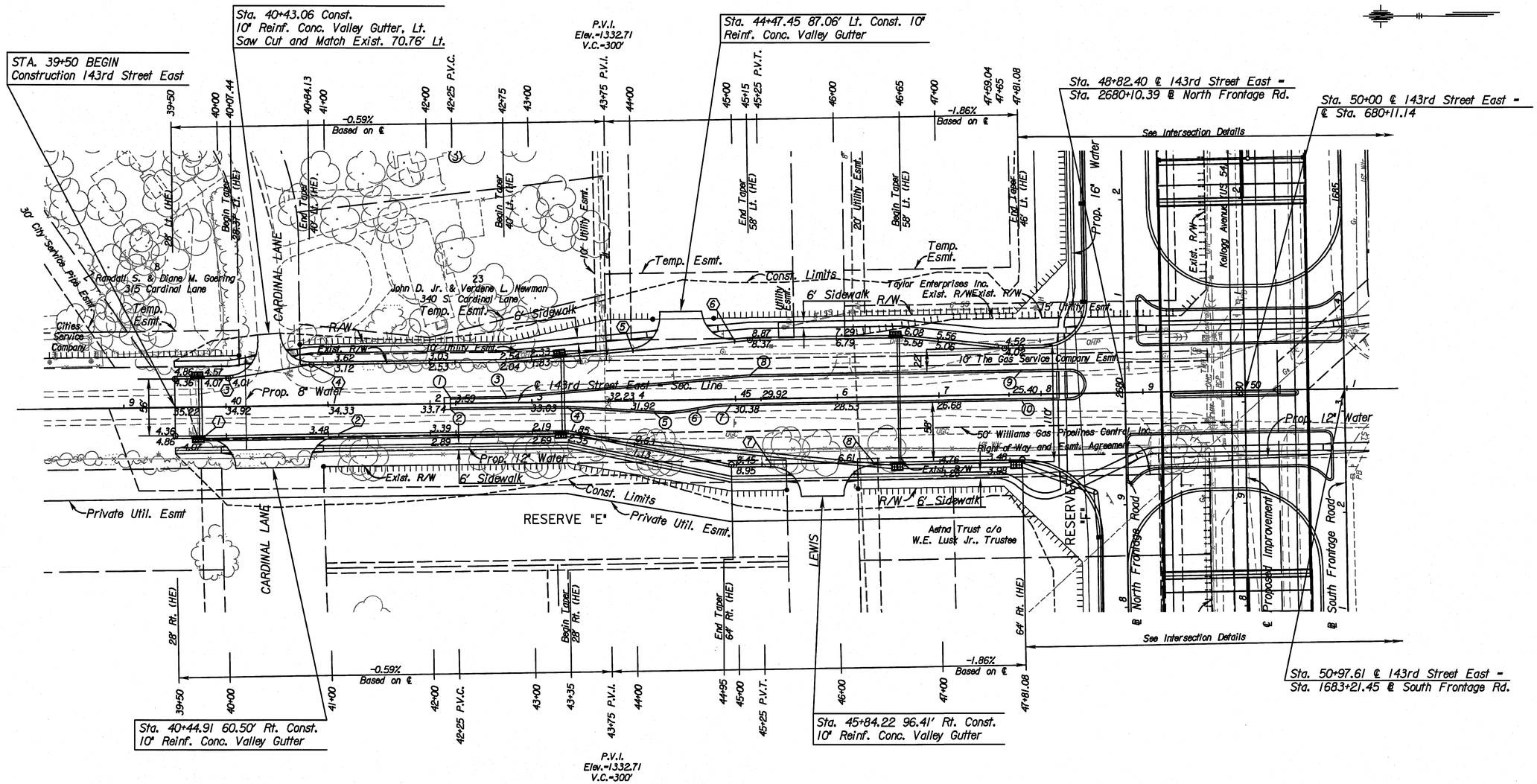
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	68	538



○ MEDIAN LOCATION

Point No.	Station	Offset to HE	Description	Elevation Flowline	Elevation Top Curb
1	42+20.00	6.00' Lt.	Nose	33.44	34.11
2	42+20.00	6.00' Rt.	Nose	33.44	34.11
3	42+75.00	6.00' Lt.	P.I.	33.06	33.73
4	43+35.00	6.00' Rt.	P.I.	32.51	33.18
5	44+20.38	12.37' Rt.	P.C., 150' R.	31.26	31.93
6	44+63.28	9.39' Rt.	P.R.C., 150' R.	30.71	31.38
7	44+95.00	6.00' Rt.	P.T.	30.28	30.95
8	45+15.00	24.00' Lt.	P.I.	29.39	30.06
9	47+81.08	24.00' Lt.	Tie In	24.70	25.37
10	47+81.08	6.00' Rt.	Tie In	25.24	25.91

⬡ VALLEY GUTTER AND DRIVE LOCATIONS

Point No.	Station	Offset to HE	Description	Elevation Flowline	Elevation Top Curb
1	39+79.40	28.00' Rt.	End of Return, 32.50' R.	34.16	34.66
2	41+10.42	28.00' Rt.	End of Return, 32.50' R.	33.48	33.98
3	40+02.58	28.00' Lt.	End of Return, 32.50' R.	34.05	34.55
4	40+84.13	40.00' Lt.	End of Return, 32.50' R.	33.12	33.52
5	43+99.64	49.35' Lt.	End of Return, 32.50' R.	30.43	30.93
6	45+00.31	56.90' Lt.	End of Return, 32.50' R.	28.66	29.16
7	45+33.72	64.00' Rt.	End of Return, 32.50' R.	27.84	28.34
8	46+34.72	64.00' Rt.	End of Return, 32.50' R.	25.97	26.47

All stations and offsets are to back of curb unless otherwise shown.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas1	Kansas Gas Service
Gas2	Southern Star Pipeline
Gas5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

143RD STREET EAST

PLAN

STA. 39+50 TO STA. 47+81.08

68

SURV. - PLOT CADD DES. - DR. - TR. - CKD. - APP.

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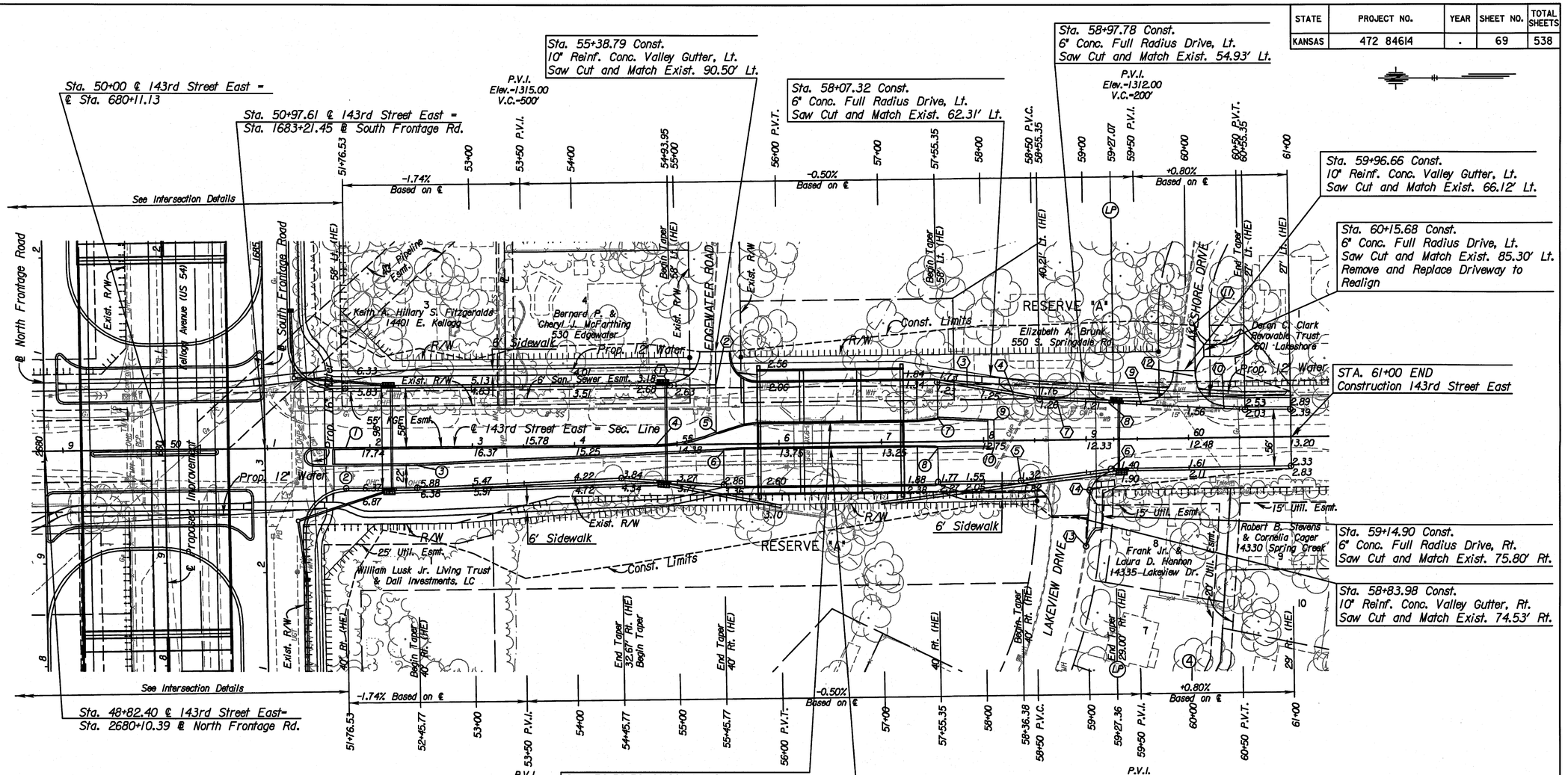
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	69	538



◯ MEDIAN LOCATION

Point No.	Station	Offset to HE	Description	Elevation	
				Flowline	Top Curb
1	51+76.53	0.00' Rt.	Tie In	17.57	18.24
2	51+76.53	18.00' Rt.	Tie In	17.03	17.70
3	52+45.77	18.00' Rt.	P.C.	16.54	17.21
4	54+80.00	0.00' Rt.	P.I., 150' R.	14.53	15.20
5	55+38.79	12.15' Lt.	Tie In	13.74	14.41
6	55+45.77	7.00' Rt.	Tie In	13.85	14.52
7	57+55.35	24.00' Lt.	Tie In	12.25	12.92
8	57+55.35	7.00' Rt.	Tie In	12.76	13.43
9	58+10.22	20.50' Lt.	Nose	12.08	12.75
10	58+10.22	7.00' Rt.	Nose	12.49	13.16

⬡ VALLEY GUTTER AND DRIVE LOCATIONS

Point No.	Station	Offset to HE	Description	Elevation	
				Flowline	Top Curb
1	54+93.95	58.00' Lt.	End of Return, 32.50' R.	12.68	13.18
2	55+38.79	58.00' Lt.	Tie In Point to Bridge	12.06	N/A
3	57+84.52	52.81' Lt.	End of Return, 27.50' R.	11.24	11.74
4	58+29.72	44.77' Lt.	End of Return, 27.50' R.	11.25	11.75
5	58+36.38	40.00' Rt.	End of Return, 32.50' R.	11.32	11.82
6	59+27.36	29.00' Rt.	End of Return, 32.50' R.	11.40	11.90
7	58+71.96	39.11' Lt.	End of Return, 27.50' R.	11.25	11.75
8	59+22.29	35.79' Lt.	End of Return, 27.50' R.	11.20	11.70
9	59+54.02	33.69' Lt.	End of Return, 32.50' R.	11.34	11.84
10	60+35.02	28.34' Lt.	End of Return, 32.50' R.	11.84	12.34
11	60+04.66	110.19' Lt.	End of Return, 27.50' R.	08.60	09.10
12	60+04.66	60.77' Lt.	End of Return, 27.50' R.	10.12	10.62
13	60+04.66	110.19' Lt.	End of Return, 27.50' R.	11.80	12.30
14	60+04.66	60.77' Lt.	End of Return, 27.50' R.	10.50	10.80

All stations and offsets are to back of curb unless otherwise shown.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas_1	Kansas Gas Service
Gas_2	Southern Star Pipeline
Gas_5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

143RD STREET EAST

PLAN

STA. 51+76.53 TO STA. 61+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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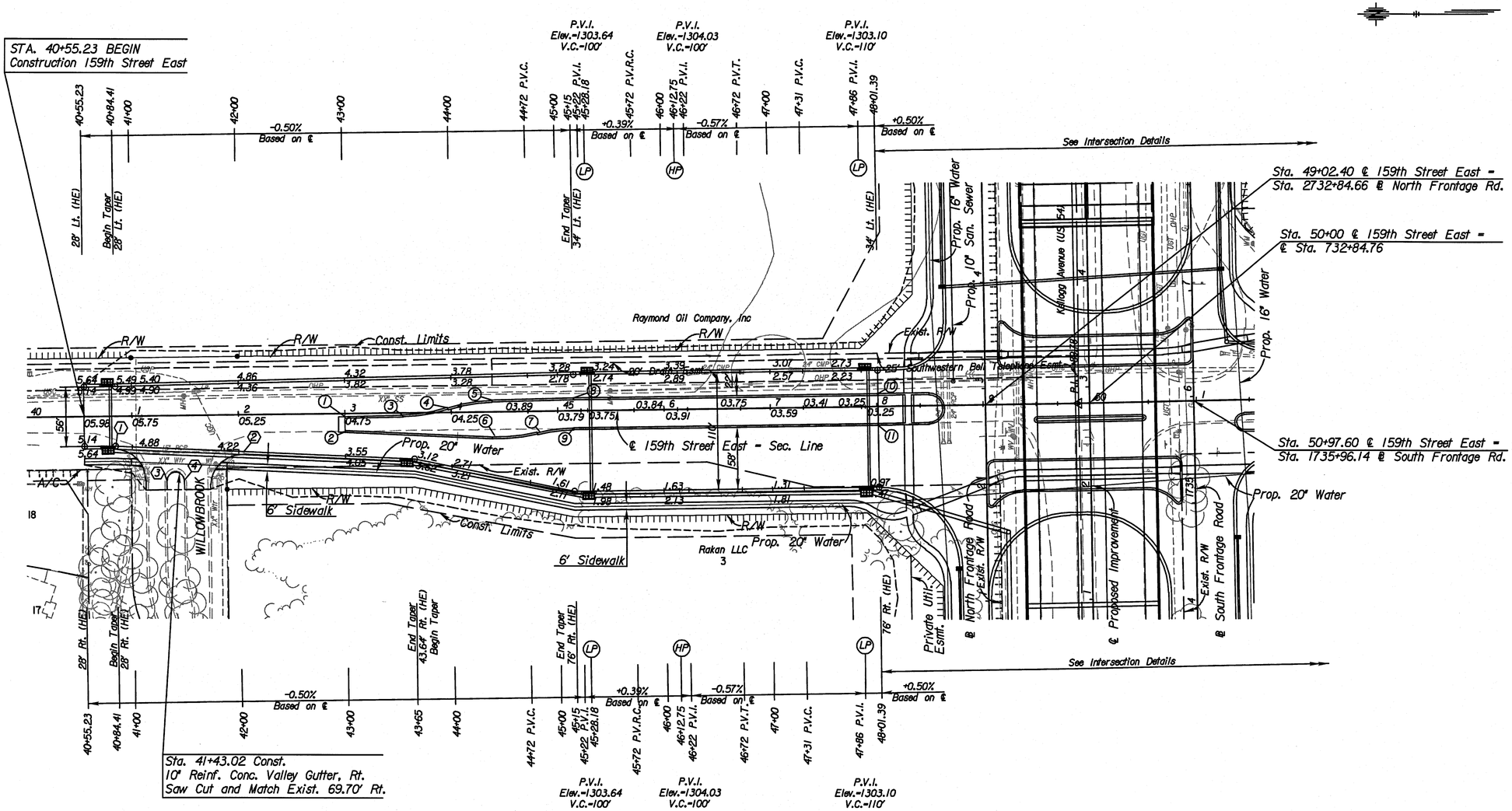
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	70	538



○ MEDIAN LOCATION					
Point No.	Station	Offset to HE	Description	Elevation Flowline	Elevation Top Curb
1	43+00.00	3.00' Rt.	Nose	04.57	05.24
2	43+00.00	17.98' Rt.	Nose	04.23	04.90
3	43+54.59	2.24' Rt.	P.C., 150' R.	04.41	05.08
4	43+96.51	4.35' Lt.	P.R.C., 150' R.	04.14	04.81
5	44+38.42	10.93' Lt.	P.T.	03.73	04.40
6	44+38.19	25.68 Rt.	P.C., 150' R.	03.35	04.02
7	44+80.77	21.96' Rt.	P.R.C., 150' R.	03.20	03.87
8	45+15.00	12.00' Lt.	P.I.	03.40	04.07
9	45+15.00	18.00' Rt.	P.T.	03.22	03.89
10	48+01.39	12.00' Lt.	Tie In	02.89	03.56
11	48+01.39	18.00' Rt.	Tie In	02.71	03.38

⬡ VALLEY GUTTER AND DRIVE LOCATIONS					
Point No.	Station	Offset to HE	Description	Elevation Flowline	Elevation Top Curb
1	40+84.41	28.00' Rt.	End of Return, 32.50' R.	04.99	05.49
2	42+05.06	34.73' Rt.	End of Return, 32.50' R.	04.21	04.71
3	40+84.41	28.00' Rt.	End of Return, 32.50' R.	05.70	06.37
4	42+05.06	34.73' Rt.	End of Return, 32.50' R.	05.80	06.47

All stations and offsets are to back of curb unless otherwise shown.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

159TH STREET EAST

PLAN

STA. 40+55.23 TO STA. 48+01.39

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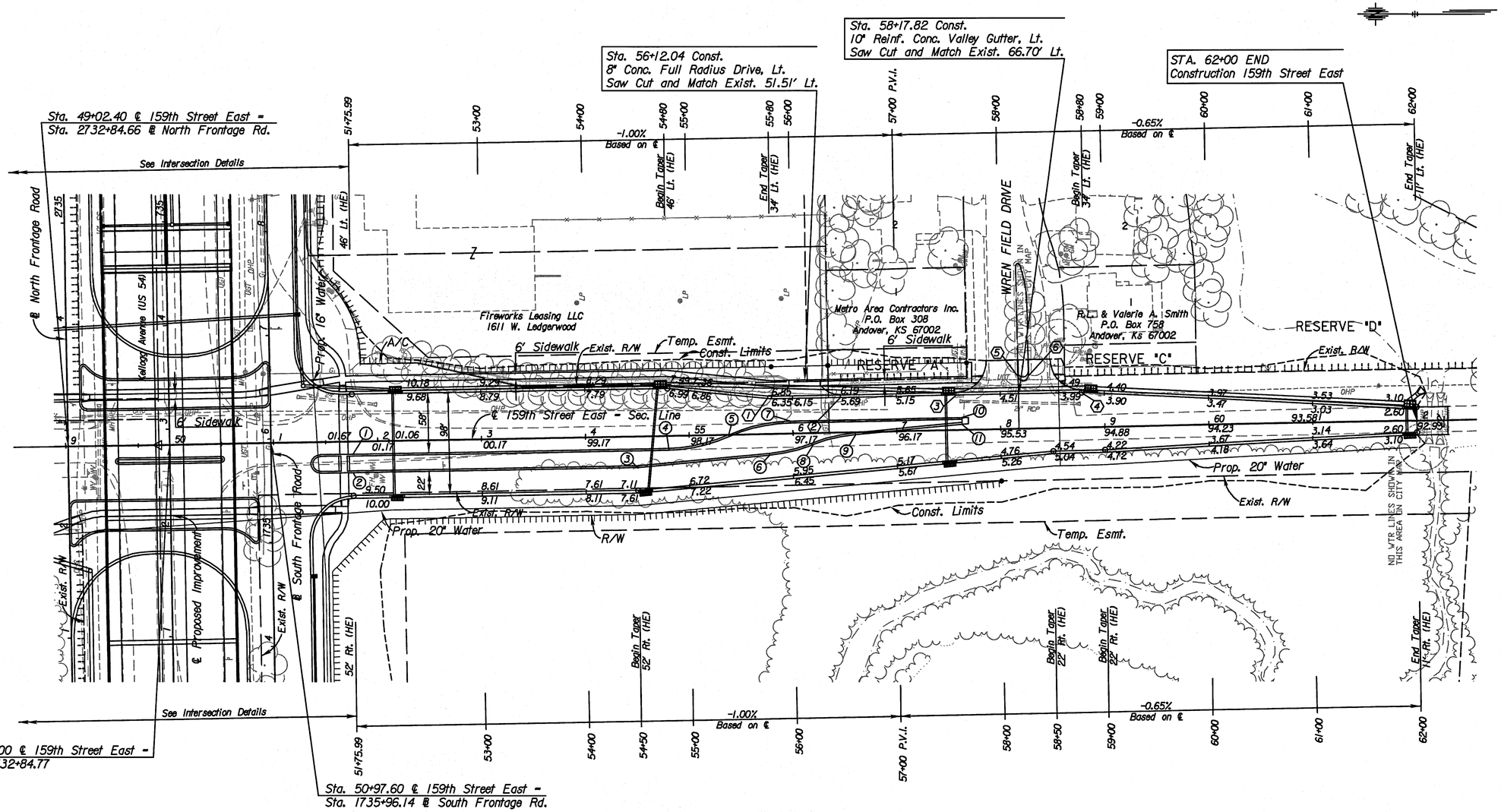
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	71	538



MEDIAN LOCATION					
Point No.	Station	Offset to HE	Description	Elevation Flowline	Elevation Top Curb
1	51+75.99	12.00' Rt.	Tie In	00.70	01.37
2	51+75.99	30.00' Rt.	Tie In	00.16	00.83
3	54+50.00	30.00' Rt.	P.I.	97.77	98.44
4	54+80.00	12.00' Rt.	P.C., 150' R.	98.01	98.68
5	55+38.10	0.00' Rt.	P.R.C., 150' R.	97.79	98.46
6	55+77.02	20.45' Lt.	P.C., 150' R.	96.79	97.46
7	55+97.58	12.00' Lt.	P.T.	96.84	97.51
8	56+18.50	11.31' Rt.	P.R.C., 150' R.	96.64	97.31
9	56+60.00	2.15' Rt.	P.T.	96.51	97.18
10	57+62.88	12.00' Lt.	Nose	95.41	96.08
11	57+62.88	5.56' Rt.	Nose	95.62	96.29

VALLEY GUTTER AND DRIVE LOCATIONS					
Point No.	Station	Offset to HE	Description	Elevation Flowline	Elevation Top Curb
1	55+76.16	34.46' Lt.	End of Return, 27.5' R.	96.35	96.85
2	56+46.21	34.00' Lt.	End of Return, 27.5' R.	95.69	96.19
3	57+57.45	34.00' Lt.	End of Return, 32.5' R.	94.78	95.28
4	58+78.19	34.00' Lt.	End of Return, 32.5' R.	94.00	94.50
5	58+17.36	51.32' Lt.	Nose, 5.22' R.	94.85	95.52
6	58+78.19	34.00' Lt.	Nose, 5.22' R.	94.80	95.47

All stations and offsets are to back of curb unless otherwise shown.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas,	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

159TH STREET EAST

PLAN

STA. 51+75.99 TO STA. 62+00

71

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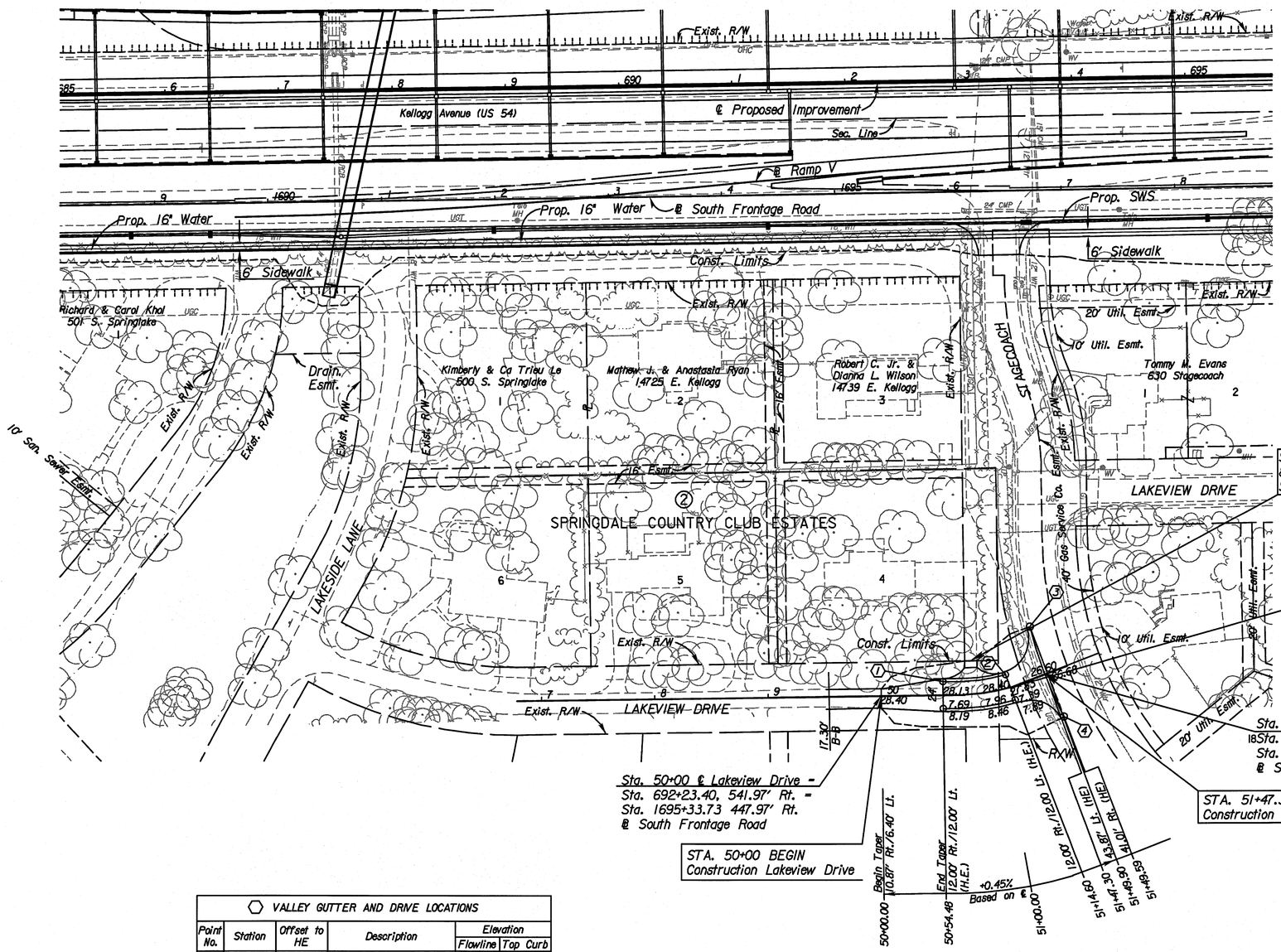
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	72	538



VALLEY GUTTER AND DRIVE LOCATIONS					
Point No.	Station	Offset to HE	Description	Elevation	
				Flowline	Top Curb
1	50+54.48	12.00' Lt.	End of Return, 27.5' R.	27.69	28.19
2	51+13.55	12.00' Lt.	End of Return, 27.5' R.	27.96	28.46
3	51+49.90	43.87' Lt.	End of Return, 32.5' R.	27.10	27.60
4	51+49.59	41.01' Rt.	End of Return, 32.5' R.	26.10	26.60

All stations and offsets are to back of curb unless otherwise shown.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San.Sewer Plans.
See Sh. No's. 136-156 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

LAKEVIEW DRIVE

PLAN SHEET

STA. 50+00 TO STA. 51+47.30

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		73	538

PROJECT BENCHMARKS

NO.	STATION	OFFSET	STREET	NORTHING	EASTING	DESCRIPTION	ELEVATION
515	627+60.03	120.86 Rt.	Kellogg	1683807.241	1691803.108	Steel T fence post in the southeast corner of 127th and Kellogg, approximately 14' southeast of the right-of-way fence brace post (fence east).	1361.05
519	636+98.32	119.57 Rt.	Kellogg	1683829.403	1692741.138	2" steel T fence post approximately 5' south and 5' west of the right-of-way fence corner, west of the south end of the K96 bridge on the south side of Kellogg.	1346.81
520	652+35.64	176.39 Rt.	Kellogg	1683806.788	1694279.338	Steel T fence post south of the right-of-way fence, south of the K96 ramp to Kellogg East, west of the 1/2 section line.	1326.60
521	662+59.23	72.62 Lt.	Kellogg	1684089.193	1695294.177	2" steel T fence post approximately 11' north of the right-of-way fence approximately 16' northwest of the right-of-way fence brace post, west of the field entrance, east of the bridge over the creek.	1312.51
522	674+31.41	155.27 Rt.	Kellogg	1683909.807	1696471.953	2" steel T fence post south of the right-of-way fence, approximately 550' west of 143rd Street, west of Clear Creek sign.	1316.81
523	680+86.24	58.59 Lt.	Kellogg	1684134.440	1697123.168	2" steel T fence post approximately 3' south of the west southwest corner of Prairie Pond Addition, northeast corner of 143rd and Kellogg.	1325.13
524	687+18.77	98.55 Lt.	Kellogg	1684184.837	1697754.949	2" steel T fence post approximately 5' north of the manhole located west northwest of the catch basin, north of Kellogg.	1327.11
525	694+09.68	132.95 Rt.	Kellogg	1683964.772	1698449.589	2" steel T fence post located in the south right-of-way of Kellogg, east of Stagecoach.	1330.75
526	705+01.10	106.60 Rt.	Kellogg	1683982.876	1699535.454	2" steel T fence post approximately 5' south of the right-of-way fence, approximately 5' west of the RCP, approximately 25' west of the line of the west concrete wall of Westar substation.	1327.50
527	714+98.02	88.50 Rt.	Kellogg	1683999.531	1700536.992	2" steel T fence post in the south right-of-way approximately 3' south of the white PVC fence post north of the sand drive, west of the drive curve to the south, south southeast of the PVC delineation on Kellogg.	1298.05
528	724+35.13	86.62 Rt.	Kellogg	1684018.068	1701473.923	2" steel T fence post in the south right-of-way, southwest of the 18" CMP located at the west end of Cedars approximately 1000' west of 159th Street.	1297.69

PROJECT BENCHMARKS

NO.	STATION	OFFSET	STREET	NORTHING	EASTING	DESCRIPTION	ELEVATION
529	733+26.29	84.40 Lt.	Kellogg	1684204.909	1702361.895	USGS benchmark monument approximately 75' north and approximately 42' east of the section corner at the northeast corner of 159th and Kellogg, southeast of the south end of the billboard.	1302.21
530	742+04.32	92.80 Rt.	Kellogg	1684043.350	1703242.939	2" steel T fence post approximately 8' south of the right-of-way monument, approximately 5' north of the asphalt road, west of the asphalt cul-de-sac, south of Kellogg.	1302.43
531	751+41.70	103.96 Rt.	Kellogg	1684048.862	1704180.371	X cut on the concrete parking lot north of the west parking stripe of the second parking west of Ruth Building #1023, south of Kellogg.	1312.91

NOTE: All elevations are based on NAVD 1988.

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CITY OF WICHITA

PROJECT BENCHMARKS

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	74	538

SEC/COR NO.	QUARTER CORNER LOCATION	COORDINATES NORTHING	COORDINATES EASTING	CORNER DESCRIPTION	STATION	OFFSET (FT)	ANGLE	TIE	DISTANCE (FT)	DIRECTION	TIE DESCRIPTION
205	S 1/4 Cor. Sec. 22, T27S, R2E	1683881.7292	1689113.0847	#4 Rebar with Baughman Cap in Thimble	600+71.73	29.50 Lt.	90° 01' 47" NW	RI	84.05	SW	Chiseled cross cut on traffic signal base
					Zelta St.			R2	94.74	SE	Chiseled cross cut on traffic signal base
					49+70.50	0.00 Lt.		R3	64.10	NE	Chiseled cross cut on traffic signal base
								R4	66.00	NW	Chiseled cross cut on traffic signal base
206	SW Cor. Sec. 23, T27S, R2E	1683925.0841	1691762.3417	#5 MKEC	627+21.90	2.14 Rt.	90° 24' 00" SE	RI	1.50	S	North edge of eastbound shoulder
					127th St.	0.00 Lt.		R2	83.00	SW	Nail in cap in light pole
					50+02.14			R3	88.20	SW	Centerline of SBC manhole
								R4	115.20	SE	Gas pipeline marker
								R5	144.30	NW	Fence corner post, fence east, northeast, southwest
								R6	178.80	NE	3 nails in highline pole
207	S 1/4 Cor. Sec. 23, T27S, R2E	1683983.9978	1694410.8031	#5 Rebar in Thimble	653+71.02	2.14 Rt.	90° 23' 10" SE	RI	--	N & S	Tree line
								R2	110.10	N	Nail in washer top of brace post
								R3	111.64	NNE	Nail in washer top of brace post
								R4	119.06	S	Nail in washer top of brace post
								R5	57.11	W	Chiseled cross cut on drop inlet
208	SW Cor. Sec. 24, T27S, R2E	1684042.6246	1697049.5335	#4 Baughman Rebar (Set)	680+11.13	32.00 Rt.	90° 04' 25" SE	RI	98.85	SW	Chiseled cross on signal pole base
					143rd St.			R2	93.44	SE	Chiseled cross on signal pole base
					50+32.00	0.00 Lt.		R3	84.42	NE	Chiseled cross on signal pole base
								R4	79.12	NW	Chiseled cross on signal pole base
209	S 1/4 Cor. Sec. 24, T27S, R2E	1684086.1048	1699684.0765	#4 Baughman Rebar (Set)	706+46.67 (Bk. Tan.)	1.92 Lt.	87° 04' 36" NW (Bk. Tan.)	RI	97.99	SSW	Chiseled cross cut on fence corner base
								R2	55.75	W	Chiseled cross cut on drop inlet
								R3	71.30	NNE	Top of right-of-way monument
								R4	93.69	NW	Chiseled cut on high line pole base
210	SW Cor. Sec. 19, T27S, R3E	1684130.0028	1702321.6939	#5 Rebar in Thimble	732+84.76	10.22 Lt.	89° 55' 49" NW	RI	97.60	SE	Nail and washer in light pole
					159th St.			R2	98.00	SW	Nail and washer in light pole
					49+89.78	0.00 Lt.		R3	99.50	SW	Top of right-of-way monument
								R4	85.00	NE	USGS Monument
211	W 1/4 Cor. Sec. 19, T27S, R3E	1686783.4130	1702283.1162	Concrete Monument	159th St.			RI	30.40	ENE	Nail in cap in power pole
					23+36.09	0.00 Lt.		R2	35.20	NW	PK nail in hedge tree
								R3	47.50	SW	PK nail in hedge tree
								R4	30.00	W	#5 rebar with yellow cap
212	Center of Sec. 24, T27S, R2E	1686738.6964	1699645.3190	#4 Rebar with Baughman Company Cap				RI	0.50	WSW	Steel fence corner post
								R2	--	N, S, E, & W	Line of tree lines
								R3	12.15	S	40d nail in 14" Hackberry
								R4	1.90	N	Wrought iron fence corner
								R5	14.20	E	PK nail in cap in hedge tree
213	W 1/4 Cor. Sec. 24, T27S, R2E	1686698.8786	1697009.1081	#5 Rebar	680+11.13	2624.56 Lt.	90° 04' 25" NW	RI	51.15	W	3 nails in brace post
					143rd St.			R2	--	E & W	Tree line
					23+75.44	0.00 Lt.		R3	--	N & S	Centerline of road
								R4	52.00	ESE	Mag in power pole
								R5	56.70	SE	Chain link fence corner
								R6	51.90	WSW	Gas test
214	Center of Sec. 23, T27S, R2E	1686640.4253	1694369.6915	Metal Cap LS - 1126	653+71.02	2654.61 Lt.	90° 23' 10" NW	RI	21.60	S	Chiseled cross cut on retaining wall
								R2	47.00	E	Chiseled cross cut on RCP
								R3	10.50	NW	Shoulder NE bound Turnpike
								R4	67.10	NNW	Chiseled cross cut top of centerline of wall
215	W 1/4 Cor. Sec. 23, T27S, R2E	1686582.4754	1691721.7917	1" Iron Pipe in Thimble	627+21.90	2655.56 Lt.	90° 24' 01" NW	RI	60.80	SE	3 nails in top of fence post
					127th St.	0.00 Lt.		R2	59.10	NW	Top of steel fence corner post
					23+42.30			R3	46.10	SW	Top of fire hydrant
								R4	46.40	NW	3 nails in light pole
216	Center of Sec. 22, T27S, R2E	1686542.0000	1689073.9768	100D Spike	Zelta St.			RI	--	E & W	Centerline of road
					23+09.94	0.00 Lt.		R2	34.80	S	Bent 60d nail in hedge tree
								R3	29.30	N	3 nails in power pole
								R4	71.35	NW	PK nail in guy pole
								R5	36.00	SW	PK nail in light pole
225	Center of Sec. 27, T27S, R2E	1681227.8883	1689148.3159	#5 Rebar With MKEC Cap	600+71.73	2,624.57 Rt.	90° 01' 47" SE	RI	4.00	N	Chiseled cross cut on curb
					Zelta St.			R2	13.90	S	Chiseled cross cut on curb
					76+24.57	0.00 Lt.		R3	20.00	SW	Chiseled cross cut on curb
								R4	18.30	SE	Chiseled cross cut on curb
								R5	33.40	NE	Square cut east end headwall RCBC
226	W 1/4 Cor. Sec. 26, T27S, R2E	1681274.1284	1691796.5656	#4 Rebar	127th St.	0.00 Lt.		RI	26.35	E	Steel fence corner post
					76+53.32			R2	--	E	Line of tree line
								R3	34.30	NW	Chiseled cross on southeast gas meter guard post
								R4	37.65	SE	PK nail in power pole
								R5	70.30	SW	PK nail in power pole
228	W 1/4 Cor. Sec. 25, T27S, R2E	1681387.8614	1697079.7227	#4 Rebar	143rd St.			RI	38.40	W	PK nail in power pole
					76+86.93	0.00 Lt.		R2	33.10	ESE	Chiseled cross cut on RCP
								R3	53.90	NE	PK nail in power pole
								R4	68.50	WNW	South end wrought iron fence
229	Center of Sec. 25, T27S, R2E	1681434.7013	1699727.6085	3/4" Iron Pipe with LS555 Cap	706+46.67 (Bk. Tan.)	2649.84 Rt.	87° 04' 36" SE (Bk. Tan.)	RI	2.73	NW	Mag nail in fence corner
								R2	80.97	NE	Southewest corner of metal building
								R3	127.23	SE	Southeast corner of garage house # 15210
								R4	189.59	W	Chiseled cross cut on curb

CITY OF WICHITA

SECTION CORNERS

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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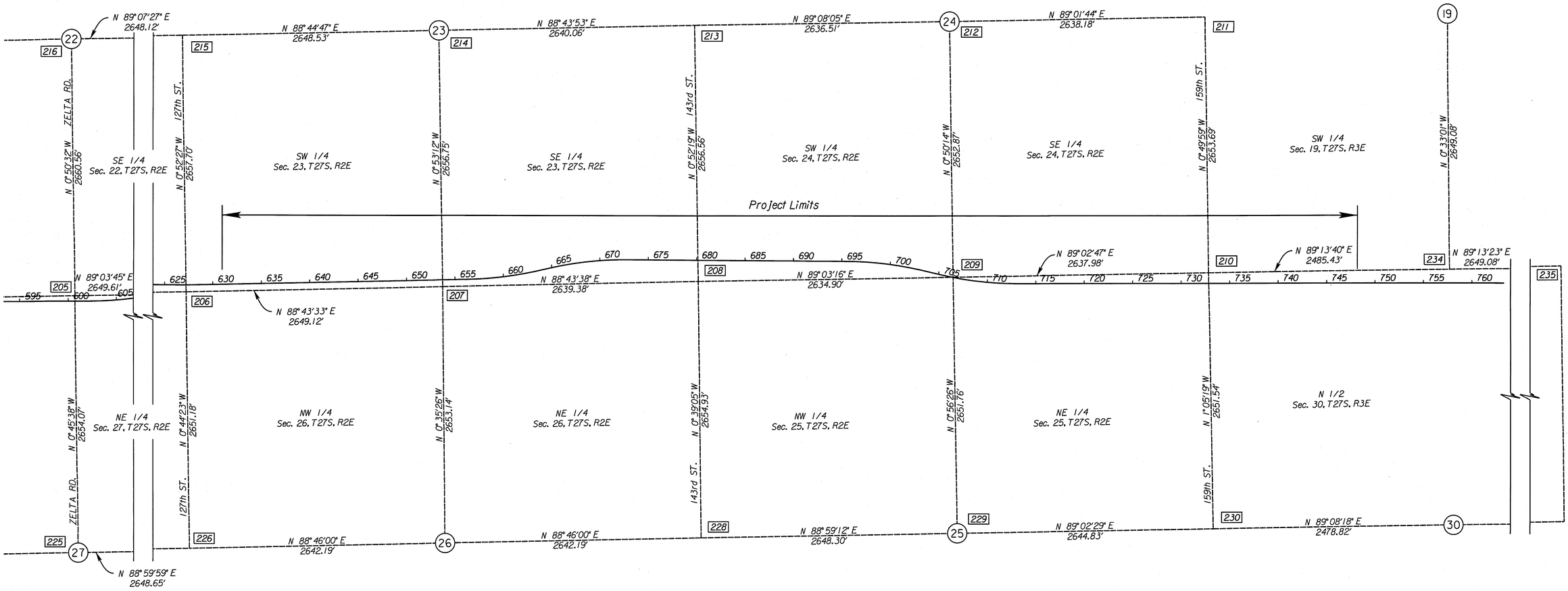
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	1	75	538

SEC/COR NO.	QUARTER CORNER LOCATION	COORDINATES NORTHING	COORDINATES EASTING	CORNER DESCRIPTION	STATION	OFFSET (FT)	ANGLE	TIE	DISTANCE (FT)	DIRECTION	TIE DESCRIPTION
230	W 1/4 Cor. Sec. 30, T27S, R3E	1681478.9457	1702372.0728	Metal Capped Rebar	732+84.76	2641.32 Rt.	89° 55' 49" SE	RI	--	W	Line of tree line and fence
					159th St.			R2	36.70	WNW	Nail in top of fence post
					76+41.32	0.00 Lt.		R3	70.15	SSW	Nail in top of fence post
								R4	68.40	SE	Nail in cap in top of fence post
								R5	5.00	E	East edge of pavement
234	S 1/4 Cor. Sec. 19, T27S, R3E	1684163.4968	1704806.9027	Chiseled Cross on Concrete Paving	757+70.16	0.48 Rt.	90° 28' 06" SE	RI	--	S	Line of tree line
								R2	104.30	S	Nail and washer in light pole
								R3	108.05	NE	Chiseled cross cut on median curb
								R4	144.50	SW	Street sign post
								R5	90.60	NW	PK nail in high line pole
235	SW Cor. Sec. 20, T27S, R3E	1684199.4228	1707455.7424	#5 Rebar Garber Cap in Casing							



Scale: 1"=500'



Note: Distances shown are from Section Corner to Section Corner.

CITY OF WICHITA

SECTION CORNERS

SURV. - PLOT | CADD | DES. - DR. | TR. | CKD. | APP. -

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		76	538

CURVE/POINT DATA

CURVE/PT. NO.	ALIGNMENT	P.I.				P.C.			P.T.			DELTA (DMS)	RADIUS (ft)	TANGENT (ft)	LENGTH (ft)	EXTERNAL (ft)	SUPER
		BACK STA.	AHEAD STA.	NORTHING	EASTING	STA.	NORTHING	EASTING	STA.	NORTHING	EASTING						
ML1	Kellogg	606+20.07	606+19.93	1683859.7942	1689661.7648	602+28.73	1683854.3971	1689270.4640	610+11.27	1683883.1914	1690052.4026	02°38'14.70" Lt.	17000.00	391.34	782.54	4.50	N.C.
ML2	Kellogg	613+80.74	613+80.62	1683905.2811	1690421.2097	610+11.27	1683883.1914	1690052.4026	617+50.09	1683911.3266	1690790.6282	02°29'24.26" Rt.	17000.00	369.47	738.82	4.01	N.C.
ML3	Kellogg	627+21.89		1683927.2279	1691762.3003							00°20'12.29" Lt.					
ML4	Kellogg	653+71.00		1683986.1415	1694410.7555							00°00'05.50" Rt.					
ML5	Kellogg	660+34.46	660+34.34	1684000.8785	1695074.0545	656+52.43	1683992.3927	1694692.1181	664+16.37	1684026.5131	1695455.2242	02°34'28.97" Lt.	17000.00	382.03	763.93	4.29	N.C.
ML6	Kellogg	668+46.97	668+46.79	1684055.4074	1695884.8621	664+16.36	1684026.5131	1695455.2242	672+77.40	1684062.5131	1696315.4119	02°54'07.10" Rt.	17000.00	430.61	861.03	5.45	N.C.
ML7	Kellogg	699+82.93	699+82.74	1684107.1588	1699020.5749	695+48.41	1684099.9885	1698586.1141	704+17.26	1684092.1246	1699454.8347	02°55'41.96" Rt.	17000.00	434.52	868.85	5.55	N.C.
ML8	Kellogg	708+62.66	708+62.46	1684076.7138	1699899.9711	704+17.26	1684092.1246	1699454.8347	713+07.86	1684084.6335	1700345.3038	03°00'05.88" Lt.	17000.00	445.40	890.60	5.83	N.C.
ML9	Kellogg	763+30.31		1684173.9373	1705366.9463												
SF1	S. Frontage Rd.	1616+35.00		1683779.7792	1690676.3587												
SF2	S. Frontage Rd.	1618+20.47	1618+19.32	1683782.3372	1690861.8142	1616+85.54	1683780.4763	1690726.9011	1619+54.25	1683753.8956	1690993.7084	12°57'32.72" Rt.	1188.00	134.93	268.70	7.64	N.C.
SF3	S. Frontage Rd.	1625+79.54	1625+78.30	1683622.0883	1691604.9484	1624+39.32	1683651.6462	1691467.8776	1627+18.52	1683624.6091	1691745.1473	13°11' 56.09" Lt.	1212.00	140.22	279.20	8.08	N.C.
SF4	S. Frontage Rd.	1627+98.01		1683626.0380	1691824.6232												
SF5	S. Frontage Rd.	1631+17.79	1630+86.66	1683643.7847	1692144.1401	1627+98.01	1683638.0360	1691824.4074	1634+06.44	1683427.5517	1692379.7358	43°34'34.28" Rt.	800.00	319.78	608.44	61.55	N.C.
SF6	S. Frontage Rd.	1642+96.57	1639+70.99	1682825.6649	1693035.5186	1634+06.45	1683427.5517	1692379.7358	1648+61.11	1683407.2881	1693709.3386	83°20'45.69" Lt.	1000.00	890.12	1454.66	338.78	N.C.
SF7	S. Frontage Rd.	1655+43.05	1654+93.60	1683852.8801	1694225.5641	1648+61.11	1683407.2881	1693709.3386	1661+75.54	1683890.2844	1694906.4767	37°39'20.27" Rt.	2000.00	681.94	1314.43	113.06	N.C.
SF8	S. Frontage Rd.	1675+14.01	1675+14.00	1683963.6995	1696242.9369	1674+56.44	1683960.5418	1696185.4540	1675+71.57	1683964.6495	1696300.4987	02°11'55.41" Rt.	3000.00	57.57	115.13	0.55	N.C.
SF9	S. Frontage Rd.	1706+21.43	1706+20.92	1684014.9773	1699349.9475	1701+40.84	1684007.0468	1698869.4239	1711+01.51	1683984.4550	1699829.5663	04°35'12.61" Rt.	12000.00	480.59	960.67	9.62	N.C.
SF10	S. Frontage Rd.	1711+82.89	1711+82.80	1683979.2865	1699910.7817	1711+01.51	1683984.4550	1699829.5663	1712+64.18	1683980.7335	1699992.1486	04°39'36.53" Lt.	2000.00	81.38	162.67	1.66	N.C.
SF11	S. Frontage Rd.	1755+86.59		1684057.5901	1704313.8786												
NF1	N. Frontage Rd.	2666+70.14		1684129.7625	1695708.8229												
NF2	N. Frontage Rd.	2674+67.22	2674+67.17	1684183.2475	1696504.1090	2673+40.57	1684174.7492	1696377.7449	2675+93.82	1684185.3374	1696630.7413	02°54'07.10" Rt.	5000.00	126.65	253.25	1.60	N.C.
NF3	N. Frontage Rd.	2696+70.89	2696+70.88	1684219.6126	1698707.5338	2696+15.20	1684218.6936	1698651.8478	2697+26.57	1684218.0509	1698763.2055	02°33'08.58" Rt.	2500.00	55.69	111.37	0.62	N.C.
NF4	N. Frontage Rd.	2711+21.94	2711+21.92	1684178.9226	1700158.0275	2710+64.65	1684180.5292	1700100.7563	2711+79.21	1684179.9414	1700215.3123	02°37'32.50" Lt.	2500.00	57.29	114.57	0.66	N.C.
NF5	N. Frontage Rd.	2753+03.56	2753+02.87	1684253.2762	1704339.0087	2752+01.76	1684251.4661	1704237.2210	2754+04.67	1684275.5614	1704438.3434	11°37'32.88" Lt.	1000.00	101.80	202.91	5.14	N.C.
NF6	N. Frontage Rd.	2755+08.67	2755+07.93	1684298.3291	1704539.8287	2754+04.67	1684275.5614	1704438.3434	2756+11.94	1684299.7248	1704643.8272	11°52'32.61" Rt.	1000.00	104.01	207.27	5.39	N.C.
NF7	N. Frontage Rd.	2757+79.96		1684301.9796	1704811.8355												
RPP1	Ramp P	10641+23.02	10641+21.89	1683897.1527	1693164.4414	10640+09.96	1683894.6383	1693051.4053	10642+34.95	1683872.2224	1693274.7228	14°00'45.20" Rt.	920.00	113.06	225.00	6.92	8.0%
RPP2	Ramp P	10643+29.46	10643+26.86	1683851.3832	1693366.9063	10642+34.95	1683872.2224	1693274.7228	10644+21.37	1683795.8871	1693443.4063	23°13'13.29" Rt.	460.00	94.51	186.43	9.61	8.0%
RPP3	Ramp P	10644+95.62	10644+90.76	1683752.2929	1693503.4998	10644+21.38	1683795.8871	1693443.4063	10645+65.00	1683681.7916	1693526.7650	35°46'43.41" Rt.	230.00	74.24	143.63	11.69	8.0%
RPQ1	Ramp Q	20631+46.94		1685262.7152	1692941.9196												
RPQ2	Ramp Q	20643+57.93	20639+17.67	1684051.7967	1692955.6060	20633+46.94	1685062.7311	1692944.1799	20649+28.67	1684074.2803	1693966.3550	90°37'36.29" Lt.	1000.00	1011.00	1581.74	422.01	6.8%
RPR1	Ramp R	10642+79.86	10642+79.74	1683361.9794	1693479.4041	10642+54.80	1683349.5067	1693457.6708	10643+04.80	1683377.8846	1693498.7671	09°32'57.47" Lt.	300.00	25.06	50.00	1.04	8.0%
RPR2	Ramp R	10651+56.90	10651+15.96	1683918.7427	1694157.2063	10646+04.80	1683568.3059	1693730.5855	10656+68.06	1683931.5134	1694709.1557	38°04'30.31" Rt.	1600.00	552.10	1063.26	92.58	6.0%
RPS1	Ramp S	10650+48.07	10650+26.95	1683827.9605	1694089.9894	10646+64.80	1683595.9585	1693784.9138	110654+10.22	1683857.3549	1694472.1308	32°51'12.54" Rt.	1300.00	383.27	745.42	55.32	6.0%
RPS2	Ramp S	10658+02.03		1683887.4045	1694862.7888												
RPT1	Ramp T	20663+75.83	20663+75.79	1684120.8750	1695412.7140	20661+88.62	1684110.7815	1695225.7728	20665+63.00	1684123.9644	1695599.9021	02°08'42.21" Rt.	10000.00	187.21	374.38	1.75	N.C.
RPT2	Ramp T	20672+77.40		1684135.7531	1696314.2032												
RPU1	Ramp U	20689+35.99	20689+35.67	1684207.5189	1697974.7580	20687+40.24	1684204.2888	1697779.0372	20691+31.42	1684191.6235	1698169.8590	05°36'11.81" Rt.	4000.00	195.75	391.18	4.79	N.C.
RPU2	Ramp U	20694+78.20	20694+77.81	1684163.4638	1698515.4917	20691+31.42	1684191.6235	1698169.8590	20698+24.59	1684163.5527	1698862.2696	04°40'20.81" Lt.	8500.00	346.78	693.17	7.07	N.C.
RPV1	Ramp V	10688+32.56	10688+32.35	1683978.5859	1697872.1317	10686+60.28	1683975.7430	1697699.8731	10690+04.63	1683996.2294	1698043.5080	04°55'56.89" Lt.	4000.00	172.28	344.35	3.71	N.C.
RPV2	Ramp V	10694+64.94	10694+64.04	1684043.3696	1698501.3944	10690+04.63	1683996.2294	1698043.5080	10699+24.35	1684040.7866	1698961.6938	06°11'58.21" Rt.	8500.00	460.31	919.71	12.45	N.C.
RPW1	Ramp W	20710+83.73	20710+82.37	1684135.1110	1700122.6825	20705+54.29	1684149.1638	1699593.4275	20716+11.81	1684186.8437	1700649.5906	07°07'42.18" Lt.	8500.00	529.44	1057.52	16.47	N.C.
RPW2	Ramp W	20717+72.07	20717+71.89	1684202.5027	1700809.0815	20716+11.81	1684186.8437	1700649.5906	20719+32.15	1684205.3523	1700969.3139	04°35'18.93" Rt.	4000.00	160.26	320.34	3.21	N.C.
RPX1	Ramp X	10712+80.36	10712+80.19	1684020.8152	1700317.8471	10710+13.05	1684020.6976	1700050.5318	10715+47.50	1684004.1356	1700584.6415	03°36'09.31" Rt.	8500.00	267.32	534.45	4.20	N.C.
RPX2	Ramp X	10717+08.03	10717+07.86	1683994.1194	1700744.8529	10715+47.50	1684004.1356	1700584.6415	10718+68.38	1683996.9737	1700905.3517	04°35'46.37" Lt.	4000.00	160.52	320.88	3.22	N.C.
RPY1	Ramp Y	20742+46.85	20742+46.66	1684234.4988	1703283.1308	20740+80.92	1684231.5485	1703117.2334	20744+12.58	1684223.6994	1703448.7027	04°45'02.31" Rt.	4000.00	165.92	331.66	3.44	N.C.
RPY2	Ramp Y	20746+85.61	20746+85.33	1684205.9286	1703721.1574	20744+32.58	1684222.3977	1703468.6603	20749+38.36	1684210.4278	1703974.1511	04°45'02.31" Lt.	6100.00	253.03	505.78	5.24	3.4%
RPZ1	Ramp Z	10741+41.46	10741+41.17	1684025.4591	1703181.9968	10739+49.45	1684022.0450	1702990.0174	10743+33.18	1684047.2461	1703372.7664	05°29'47.23" Lt.	4000.00	192.01	383.72	4.60	N.C.
RPZ2	Ramp Z	10746+45.99	10746+45.55	1684082.7406	1703683.5608	10743+53.18	1684049.5155	1703392.6372	10749+38.36	1684087.9472	1703976.3293	05°29'47.23" Rt.	6100.00	292.81	585.18	7.02	3.4%
205	Zelta	49+70.50		1683881.7292	1689113.0847							00°04'53.91" Rt.					
206	127th	50+02.14		1683925.0841	1691762.3417							00°08'04.49" Rt.					
208	143rd	50+32.00		1684042.6246	1697049.5335							00°13'13.41" Rt.					
210	159th	49+89.78		1684130.0028	1702321.6939							00°15'20.59" Lt.					

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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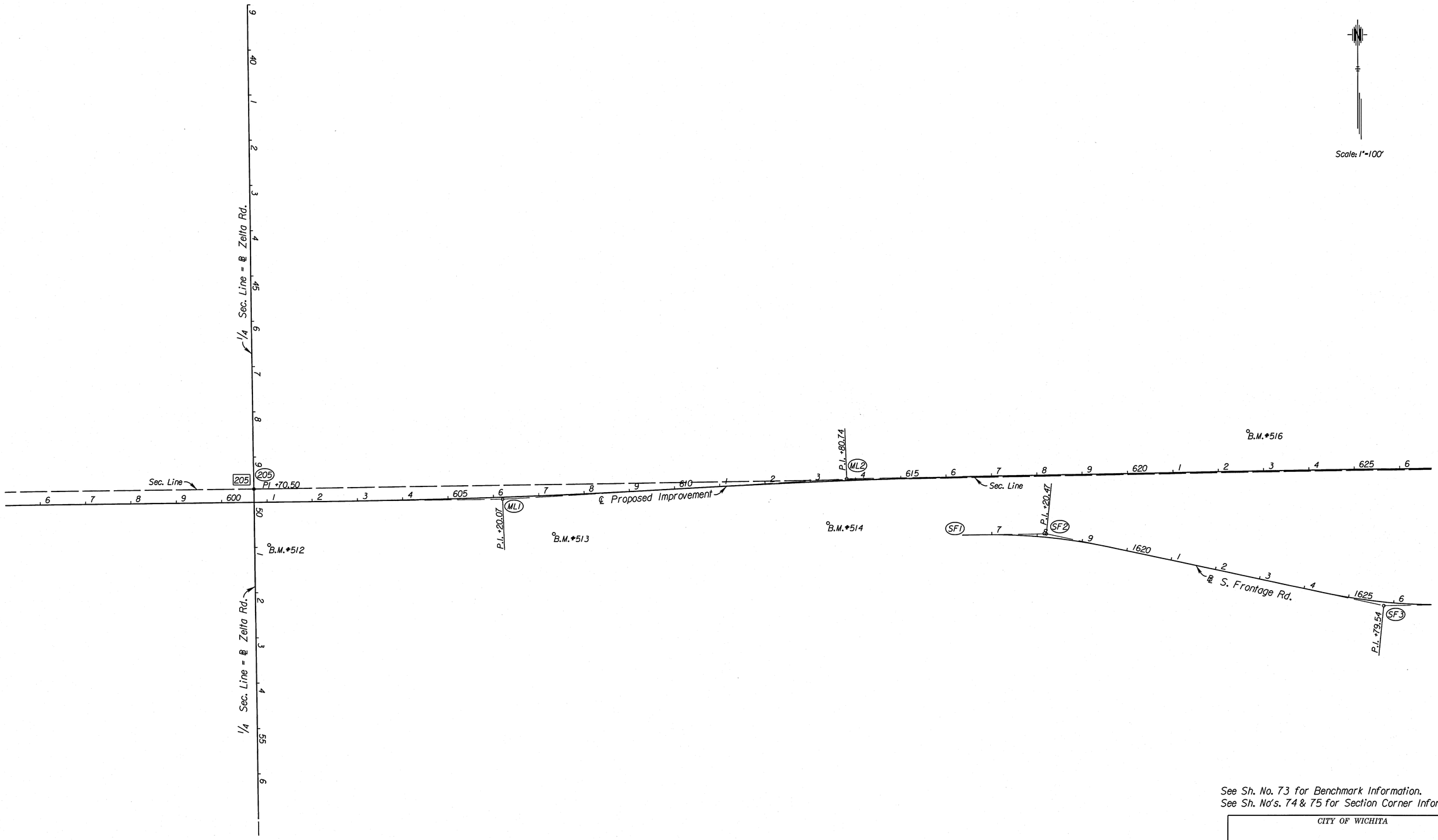
CITY OF WICHITA

HORIZONTAL CONTROL

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	77	538



See Sh. No. 73 for Benchmark Information.
See Sh. No's. 74 & 75 for Section Corner Information.

CITY OF WICHITA

HORIZONTAL CONTROL

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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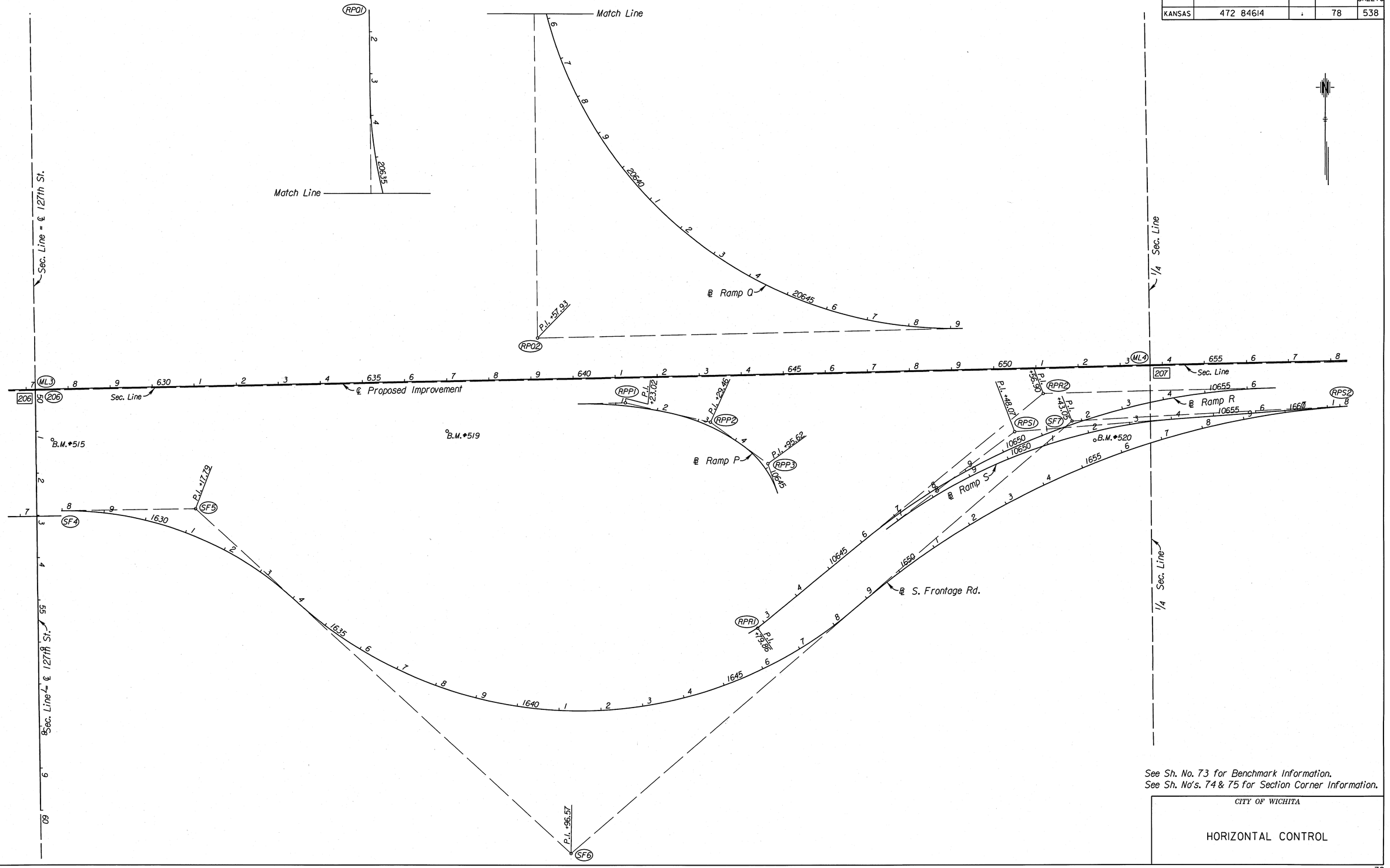
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	78	538



See Sh. No. 73 for Benchmark Information.
See Sh. No's. 74 & 75 for Section Corner Information.

CITY OF WICHITA

HORIZONTAL CONTROL

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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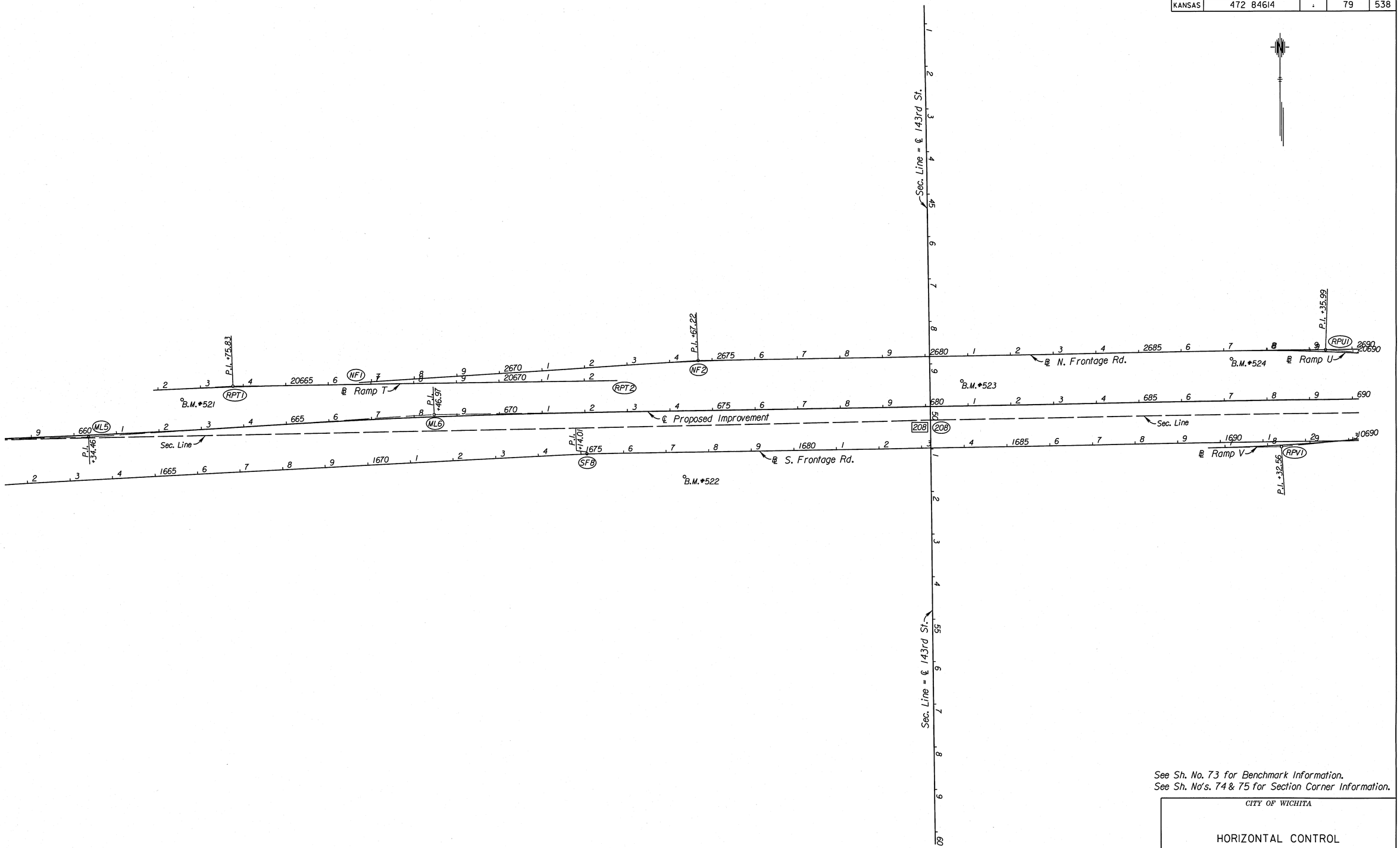
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		79	538



See Sh. No. 73 for Benchmark Information.
See Sh. No's. 74 & 75 for Section Corner Information.

CITY OF WICHITA

HORIZONTAL CONTROL

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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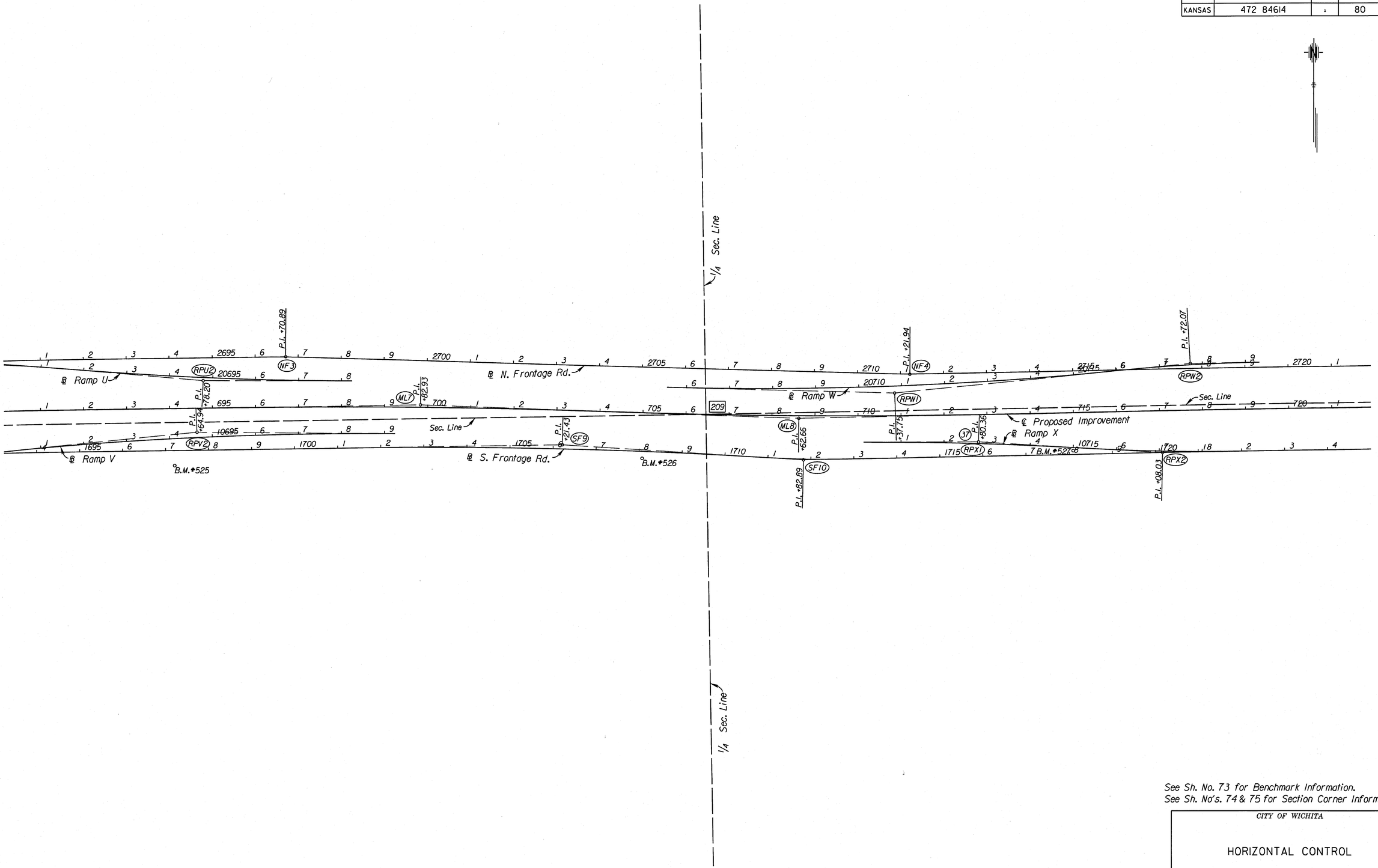
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		80	538



See Sh. No. 73 for Benchmark Information.
See Sh. No's. 74 & 75 for Section Corner Information.

CITY OF WICHITA

HORIZONTAL CONTROL

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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9/7/2010
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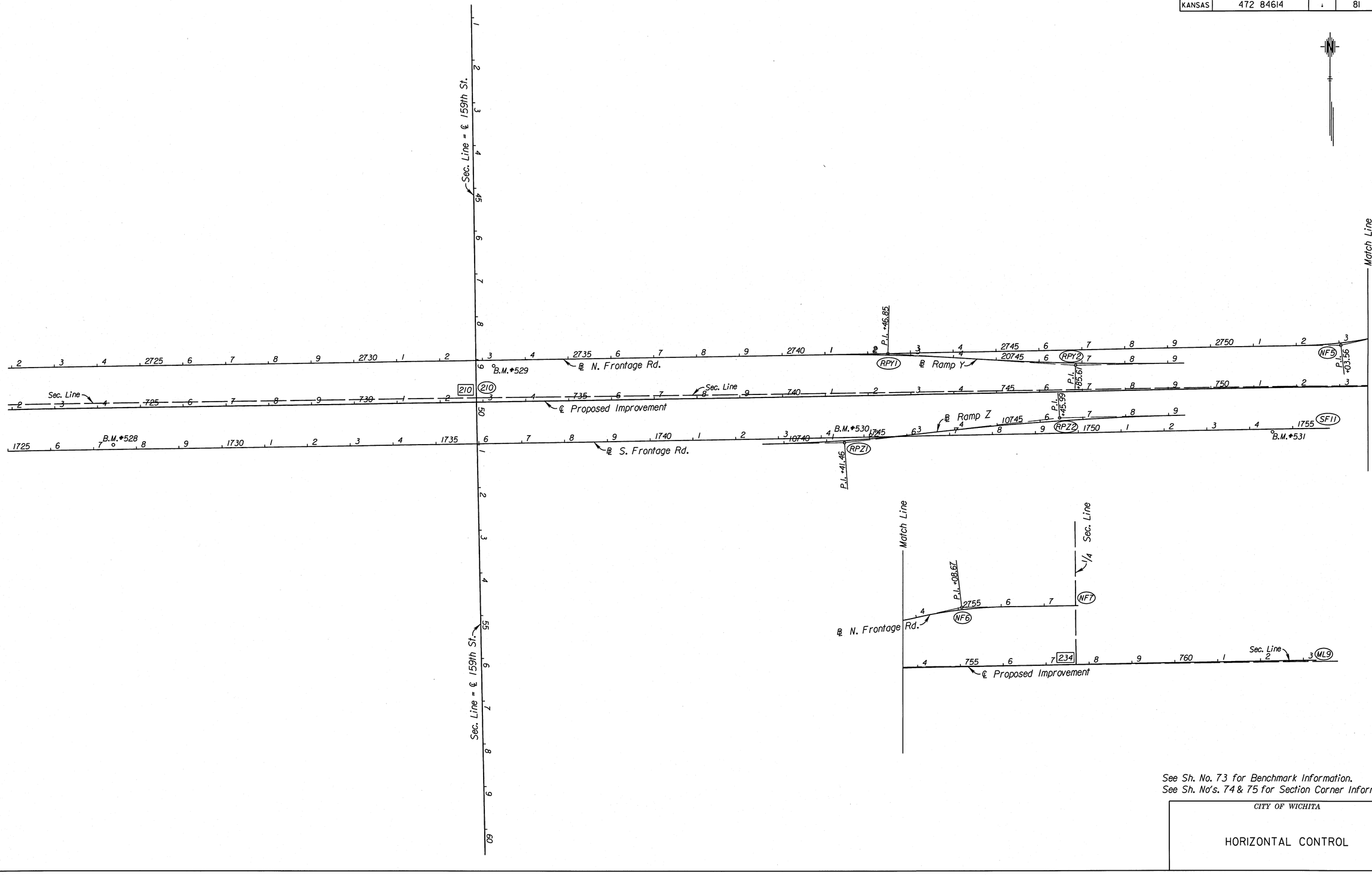
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		81	538



See Sh. No. 73 for Benchmark Information.
See Sh. No's. 74 & 75 for Section Corner Information.

CITY OF WICHITA

HORIZONTAL CONTROL

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.

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9/17/2010
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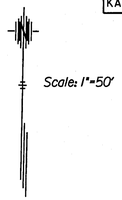
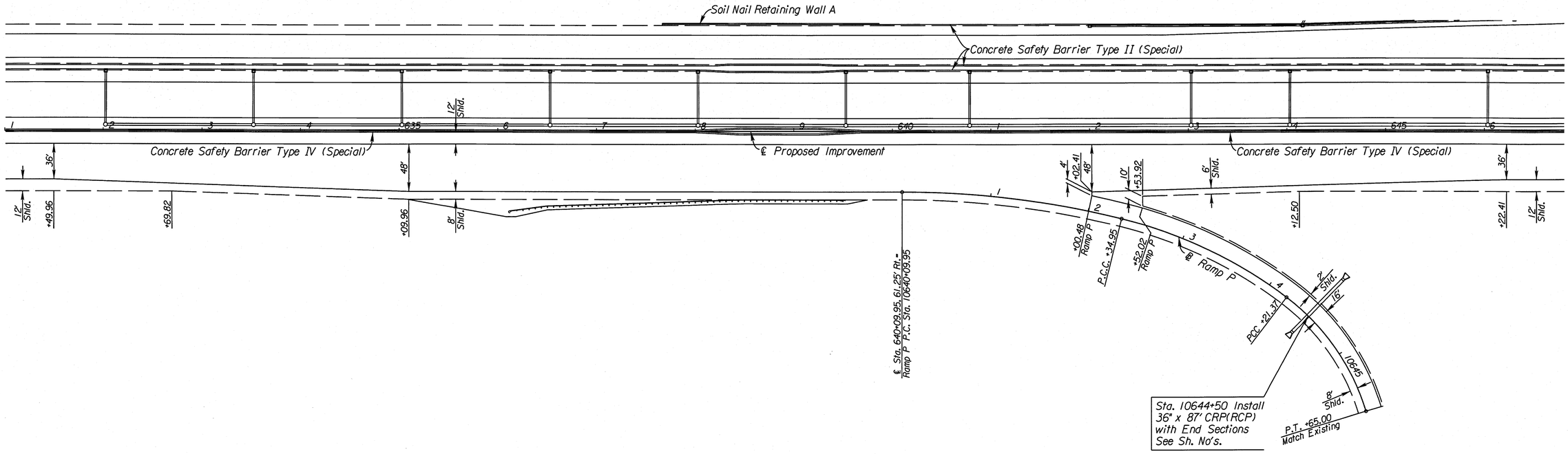
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	-	82	538





See Sh. No's. 102-130 for SWS Plans.

CITY OF WICHITA

RAMP P

PLAN

STA. 10640+09.95 - STA. 10645+65

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.	-

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9/17/2010
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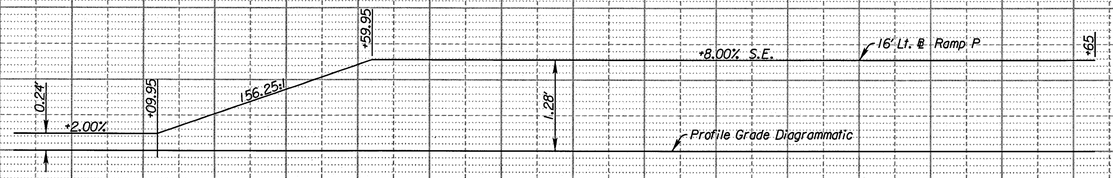
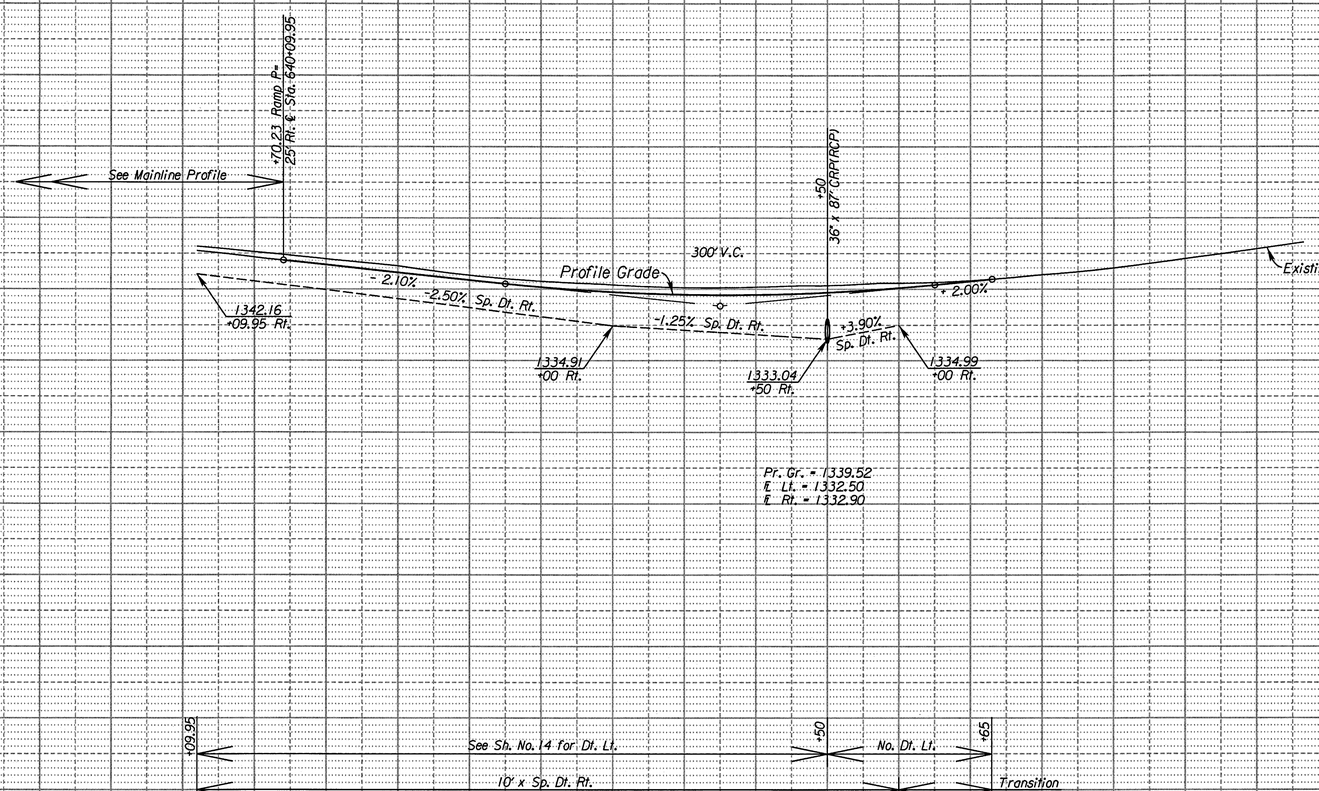
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	83	538



RAMP P SUPERELEVATION DIAGRAM

+09.95 — See Sh. No. 14 for Earthwork Balance — +65



8	9	10640	1	2	3	4	10645	6	7
		1344.04 +70.23	1343.41	1341.31	1340.79 P.C. +25	1339.60	1339.18 P.I. EL. 1337.64 +75	1339.21	1340.18	1340.65 P.T. +25	1341.44 +65

CITY OF WICHITA

RAMP P

PROFILE

STA. 10640+70.23 - STA. 10645+65

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
	-			-	-	-	-

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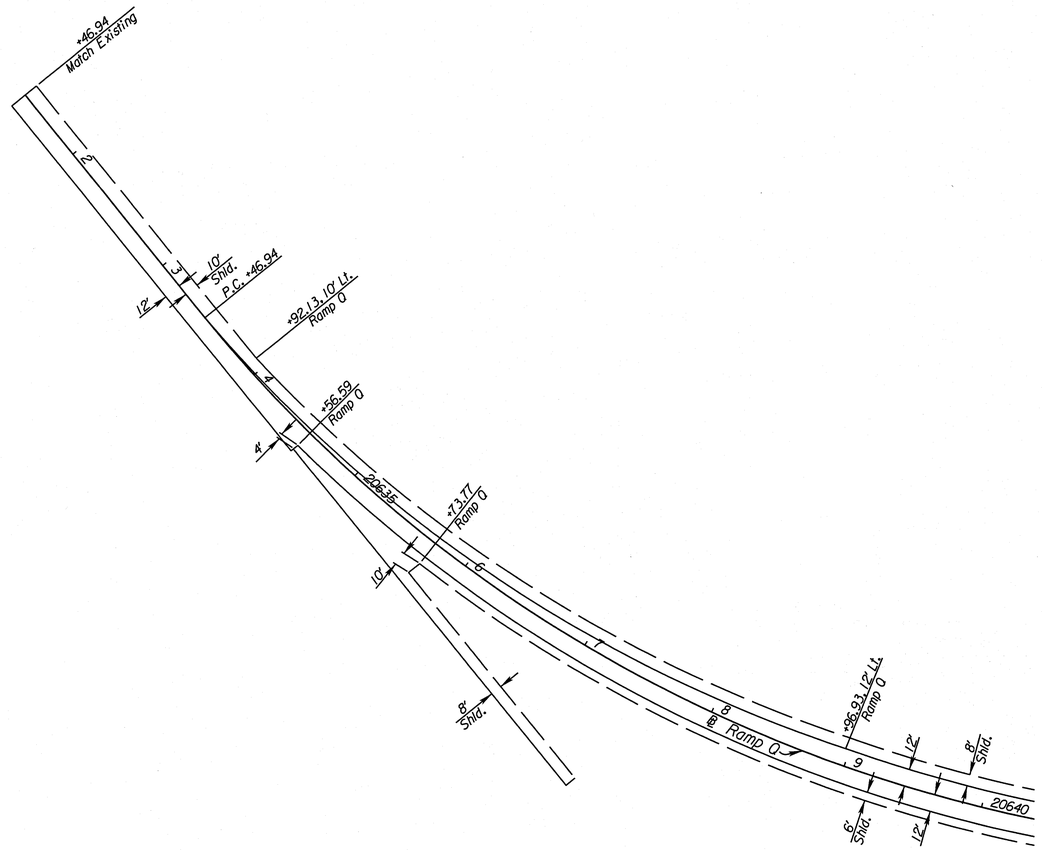
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		84	538



SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.		CKD.	-	APP.	-

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9/17/2010
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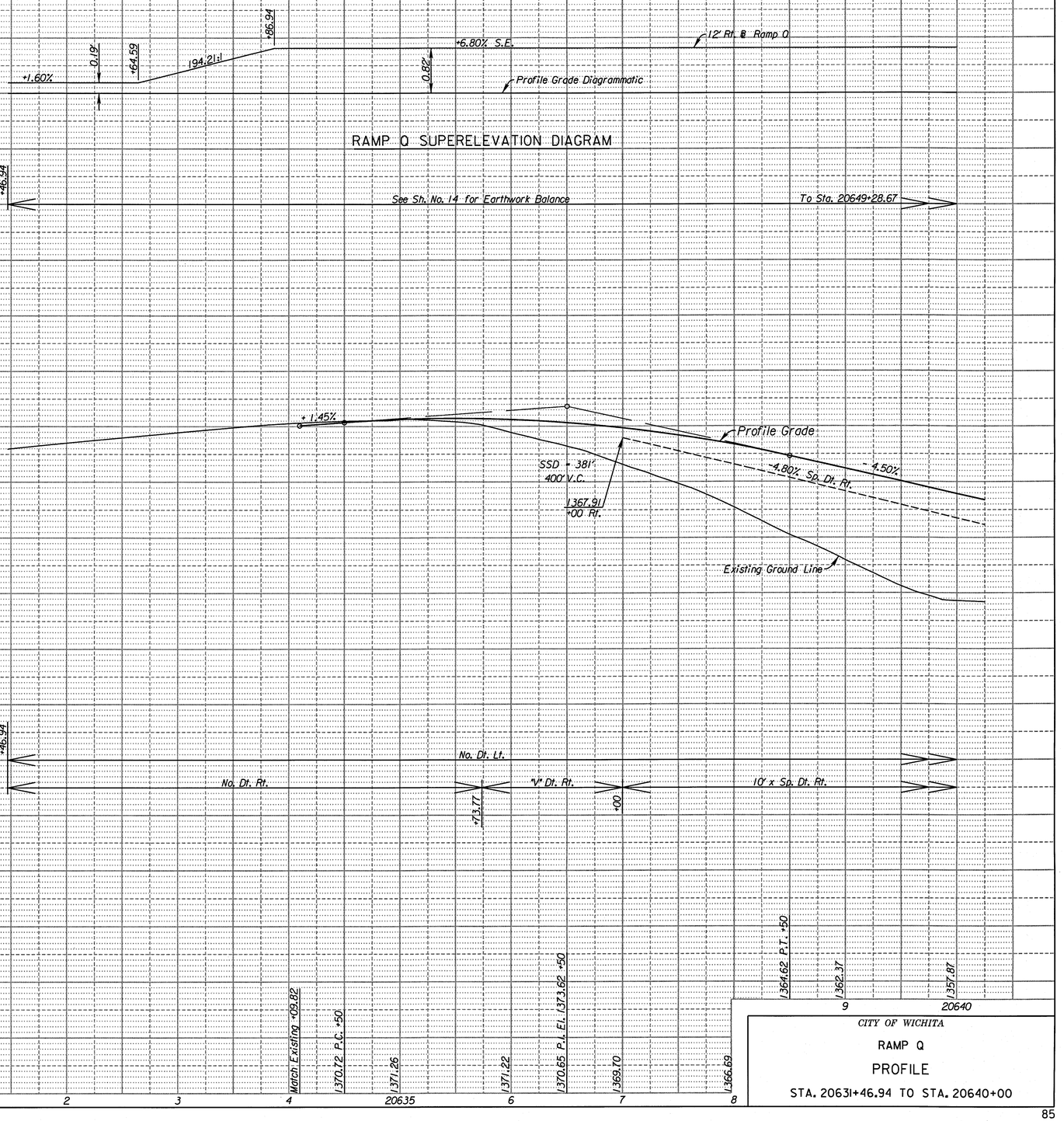
CITY OF WICHITA

RAMP Q

PLAN

STA. 20631+46.94 - STA. 20640+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	85	538



CITY OF WICHITA

RAMP Q

PROFILE

STA. 20631+46.94 TO STA. 20640+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-		-	-	-	-	-

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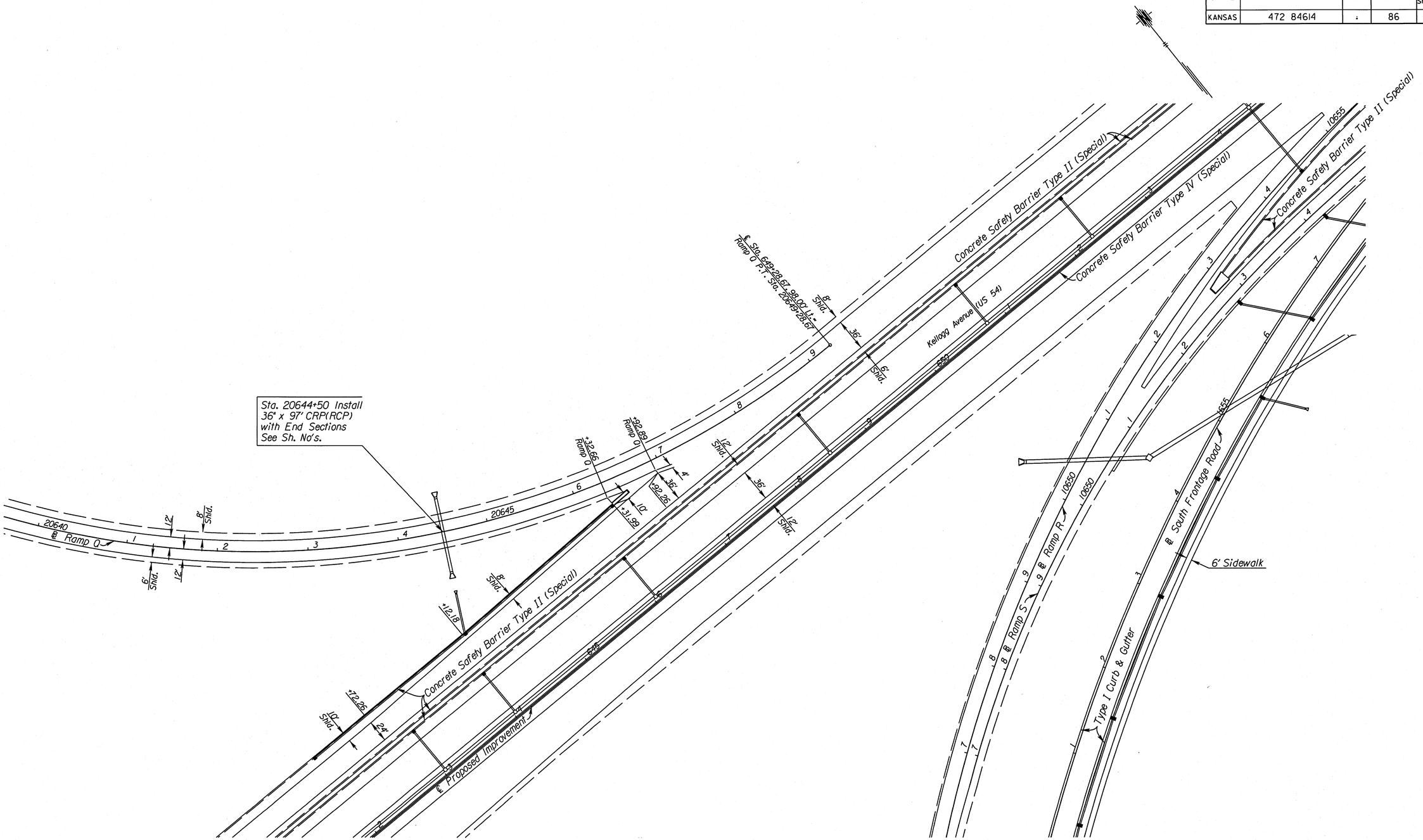
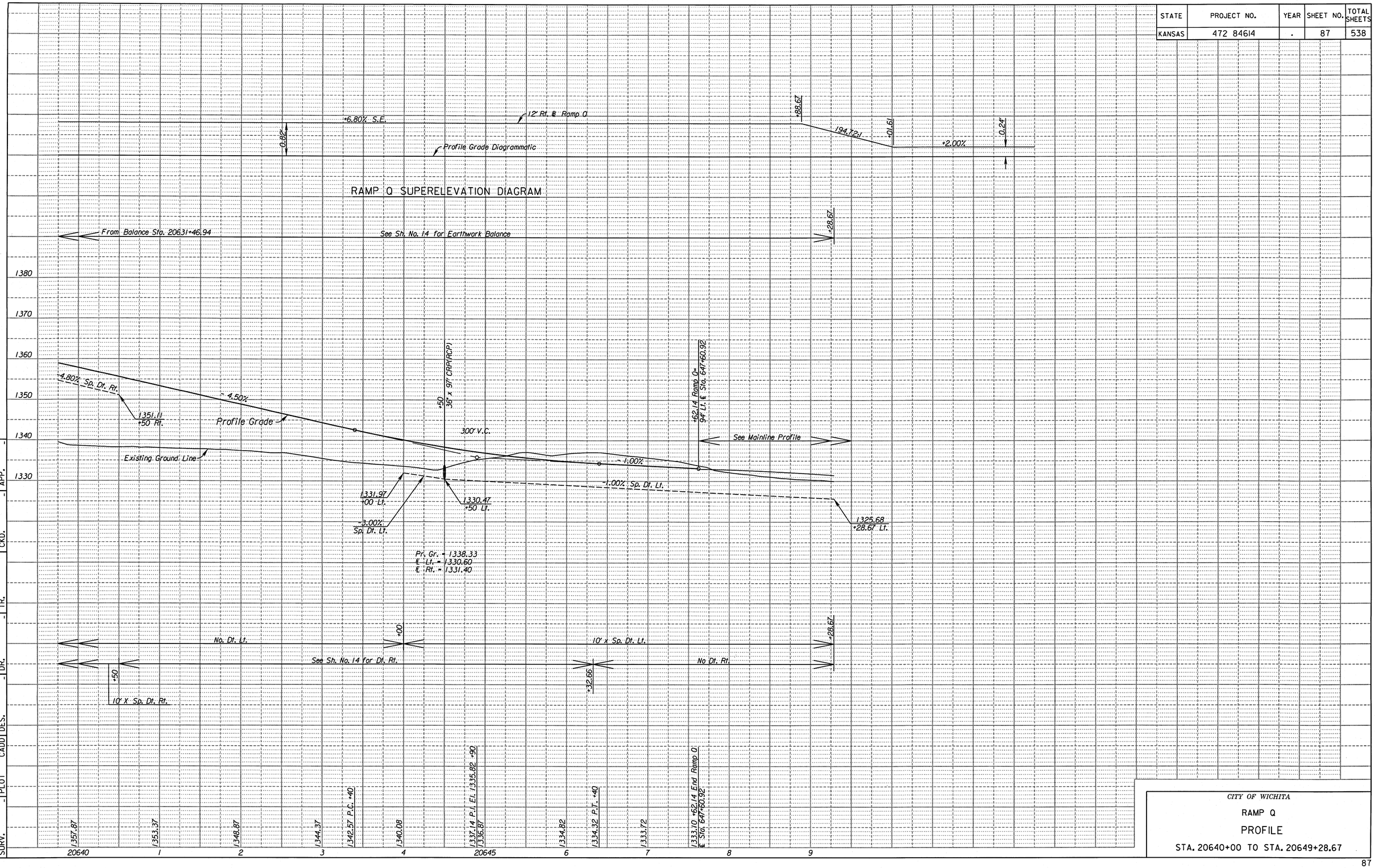
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		86	538


Sta. 20644+50 Install 36" x 97' CRP(RCP) with End Sections See Sh. No's.
℄ Sta. 649+28.67 98.00 Lt. Ramp Q P.T. Sta. 20649+28.67
Concrete Safety Barrier Type II (Special)
Concrete Safety Barrier Type IV (Special)
Concrete Safety Barrier Type II (Special)
Kellogg Avenue (US 54)
550
10655
10650
10650
10650

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	87	538



PLOT | CADD | DES. | DR. | TR. | CKD. | APP. | SURV.

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9/17/2010
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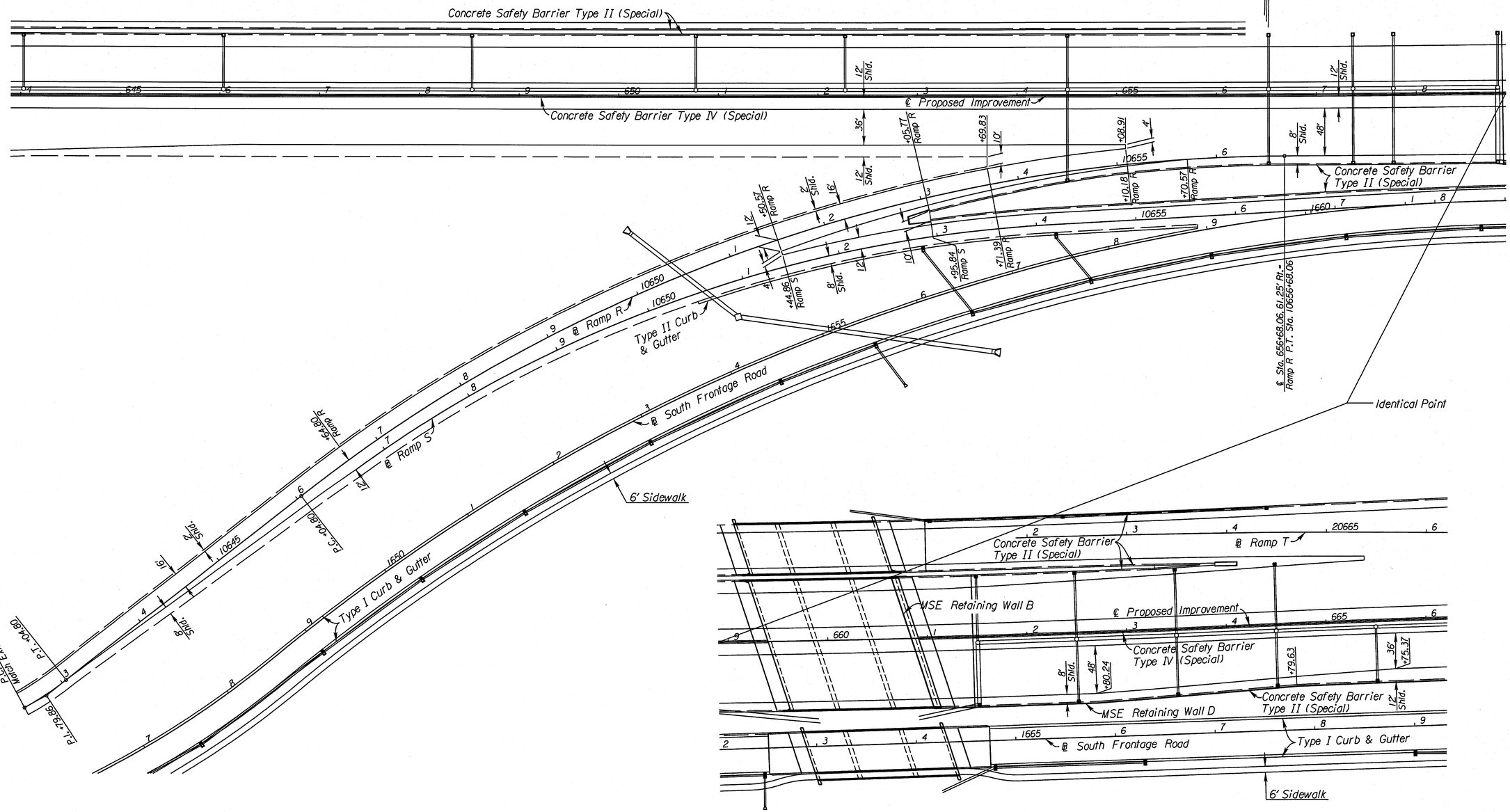
CITY OF WICHITA

RAMP Q

PROFILE

STA. 20640+00 TO STA. 20649+28.67

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	88	538



See Sh. No's. 102-130 for SWS Plans.

CITY OF WICHITA

RAMP R

PLAN

STA. 10642+54.80 TO STA. 10656+68.06

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.

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9/17/2010
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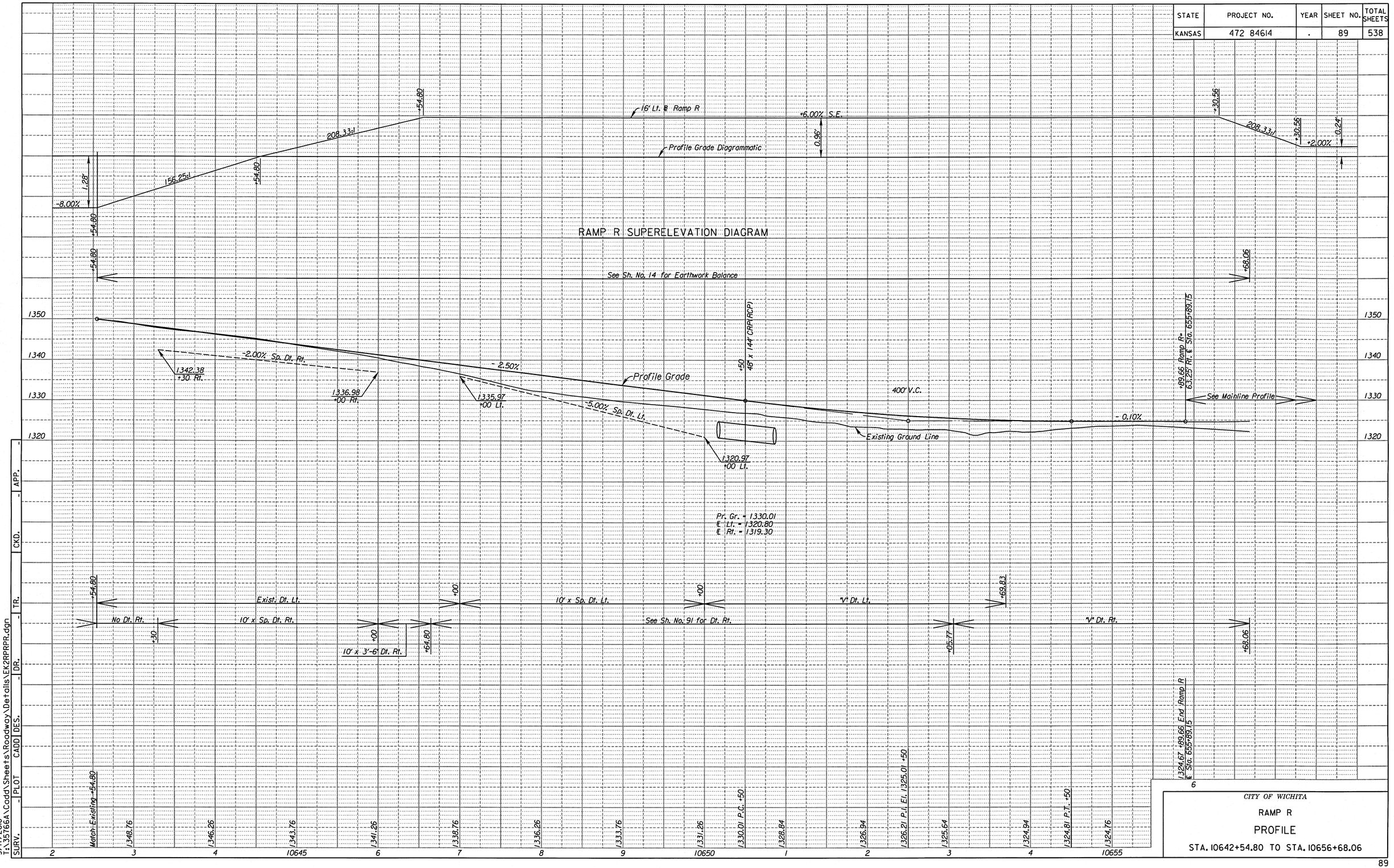
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	89	538



SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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9/17/2010
T:\35766A\Cadd\Sheets\Roadway\Details\EK2RPRPR.dgn

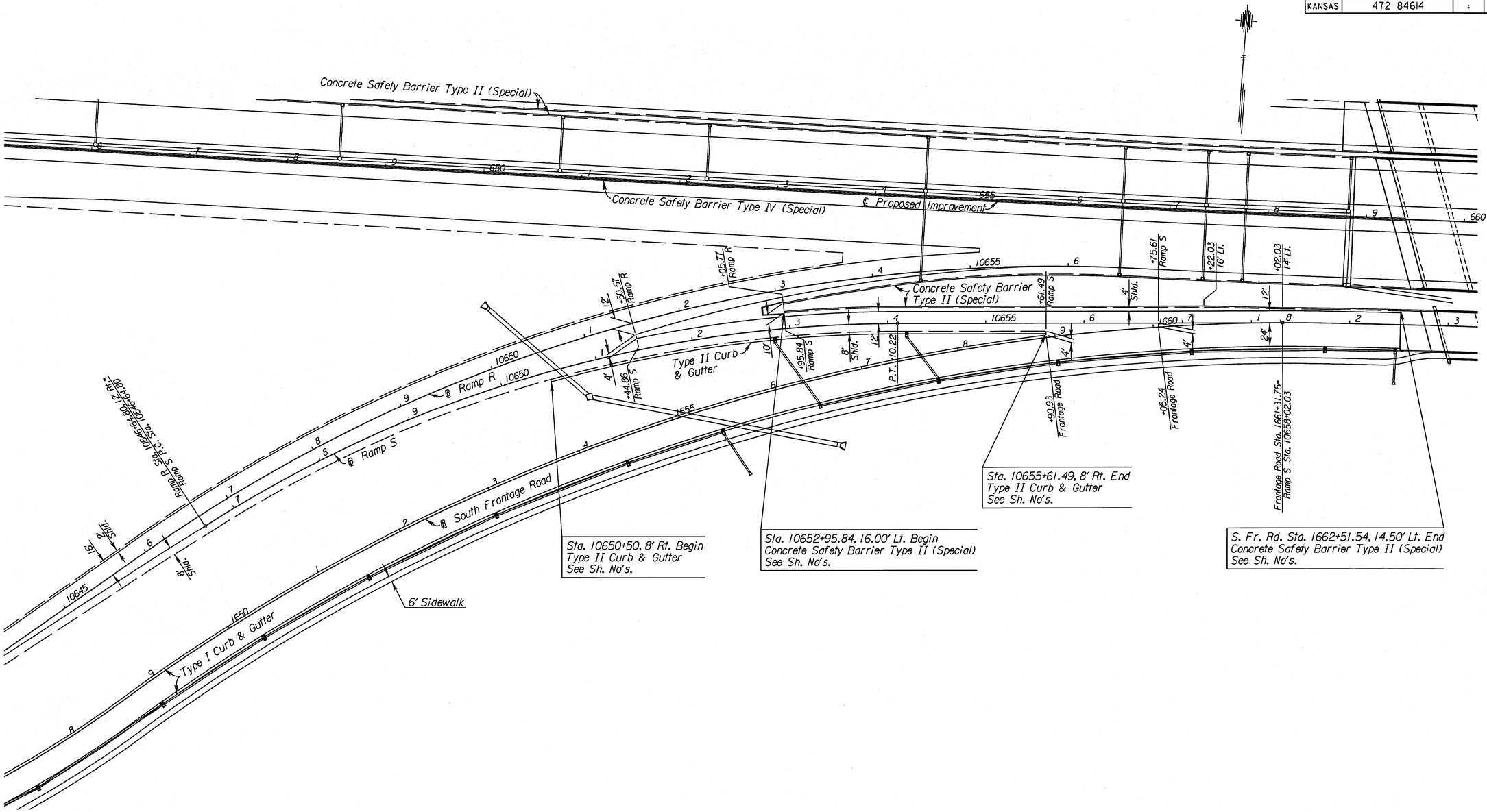
CITY OF WICHITA

RAMP R

PROFILE

STA. 10642+54.80 TO STA. 10656+68.06

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	90	538



See Sh. No's. 102-130 for SWS Plans.

CITY OF WICHITA

RAMP S

PLAN

STA. 10646+64.80 TO STA. 10658+02.03

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-

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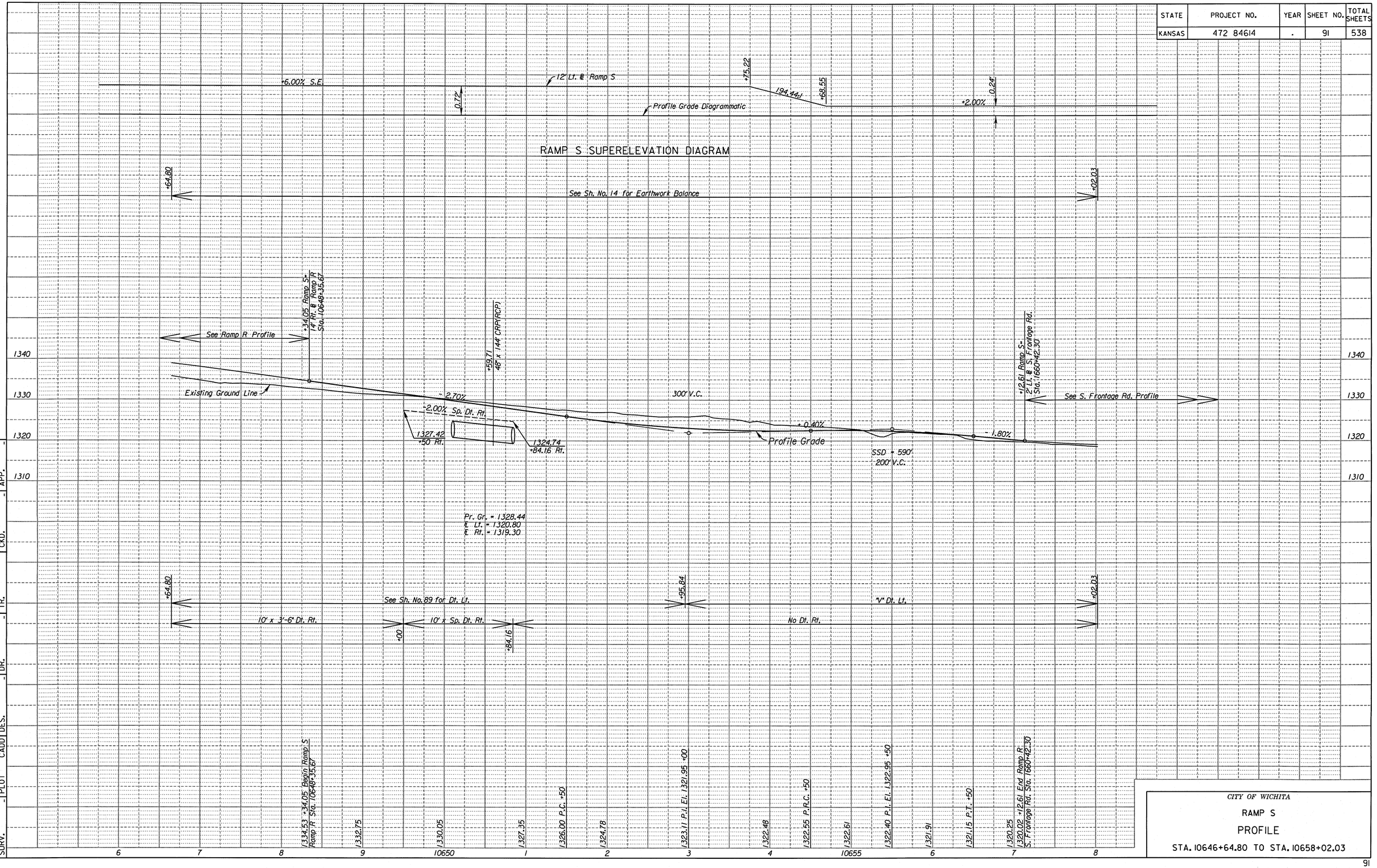
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	91	538



SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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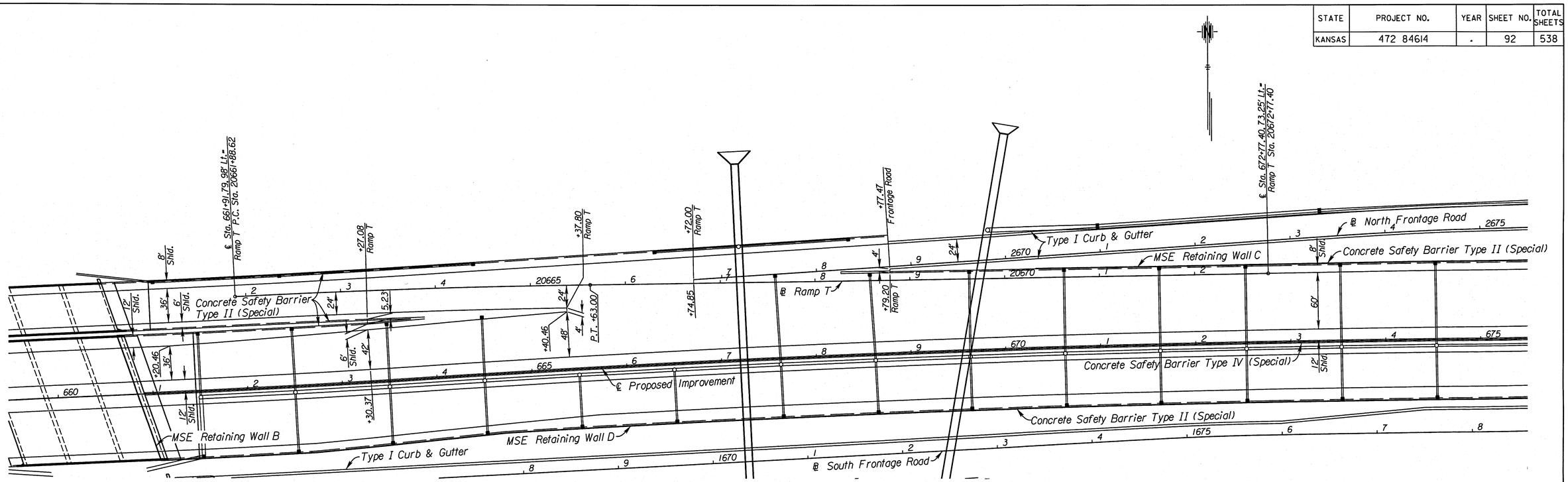
CITY OF WICHITA

RAMP S

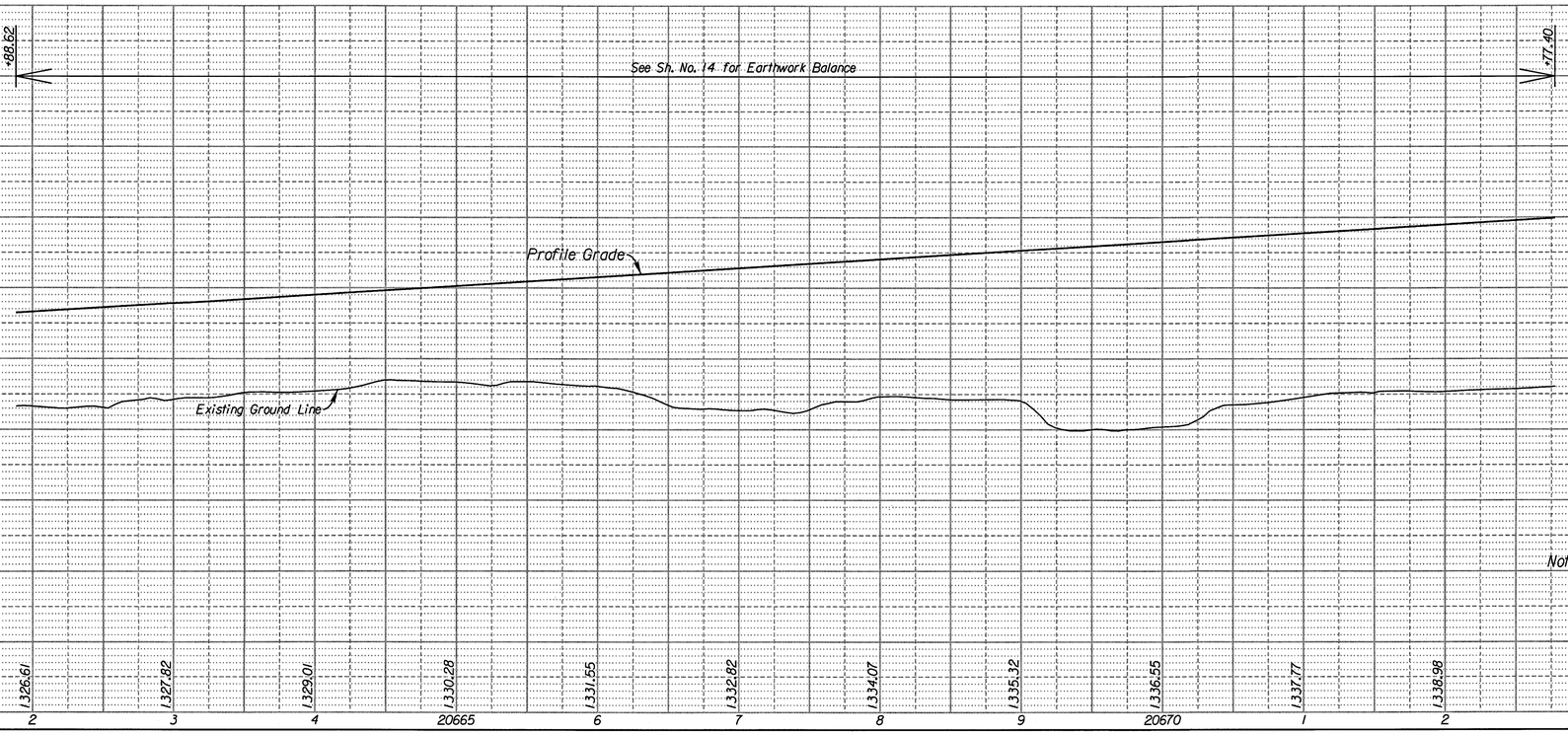
PROFILE

STA. 10646+64.80 TO STA. 10658+02.03

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	92	538



See Sh. No's. 102-130 for SWS Plans.



Note: See Sh. No. 18 for Vertical Profile Information

CITY OF WICHITA

RAMP T

PLAN AND PROFILE

STA. 20661+88.62 - STA. 20672+77.40

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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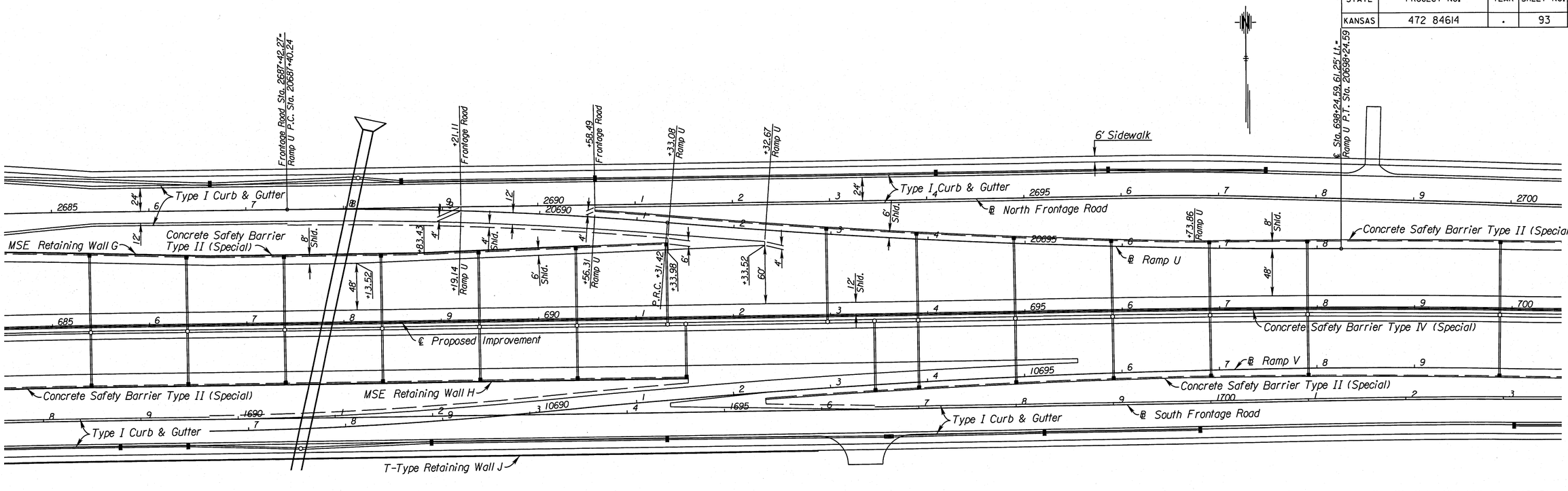
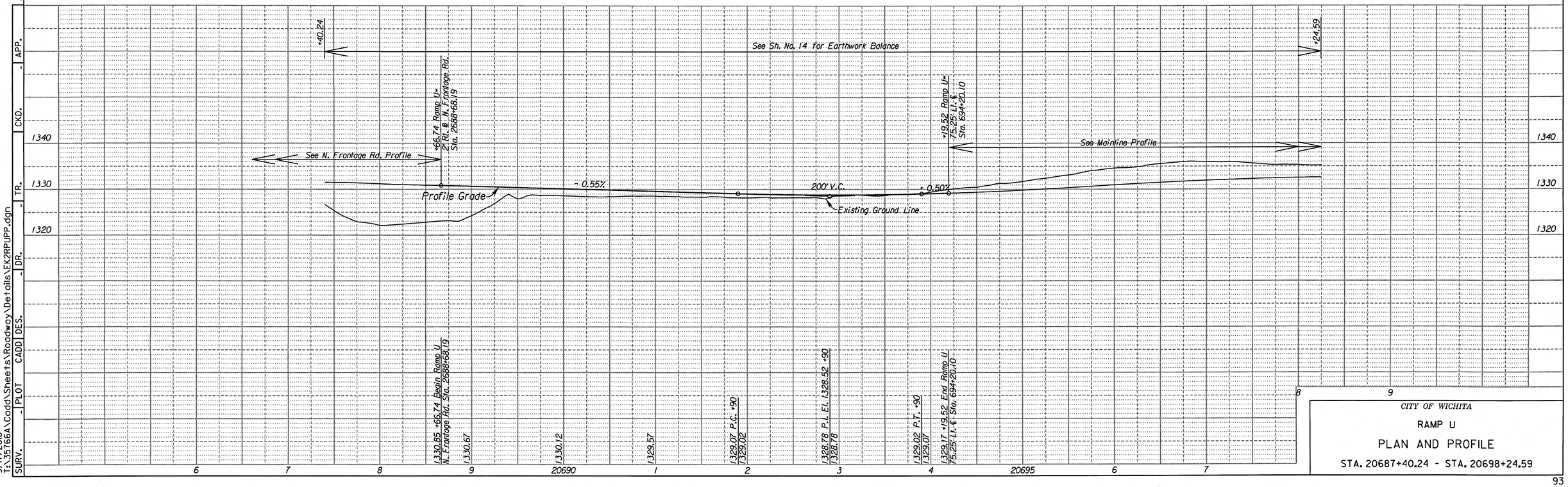
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	93	538



See Sh. No's. 102-130 for SWS Plans.



CITY OF WICHITA

RAMP U

PLAN AND PROFILE

STA. 20687+40.24 - STA. 20698+24.59

SURV.	PLOT	CADD	DES.	DR.	-	TR.	-	CKD.	-	APP.

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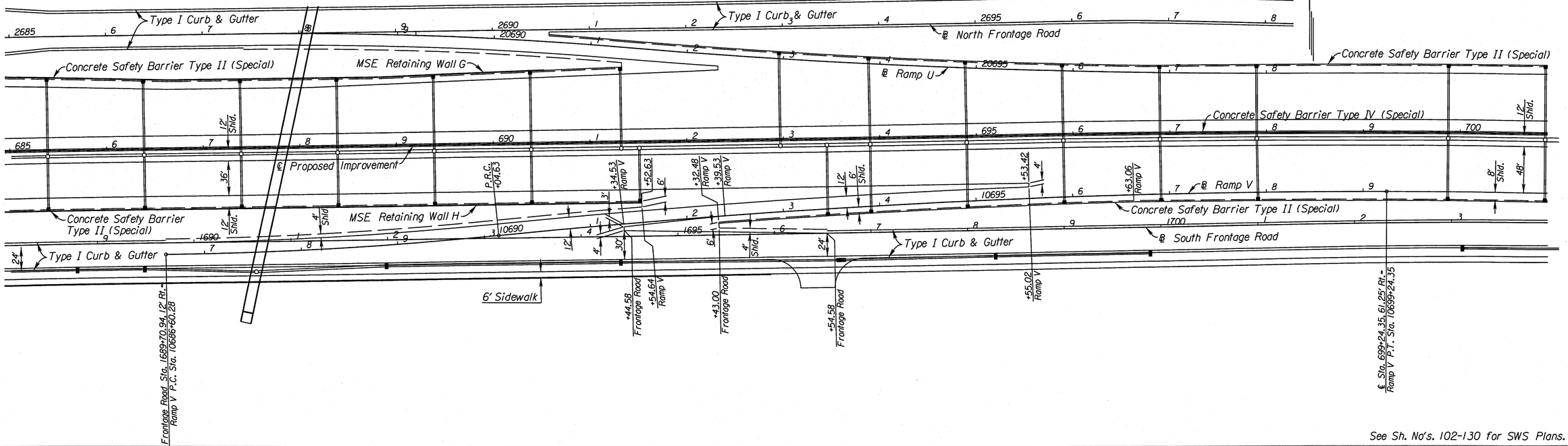
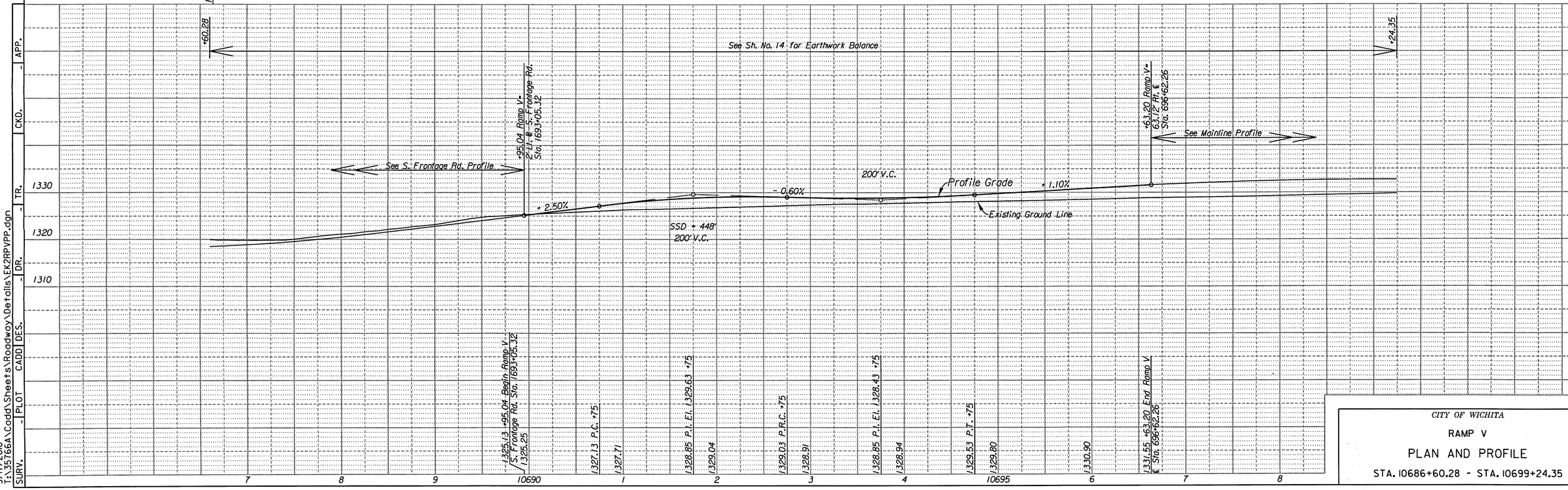
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	94	538



See Sh. Nos. 102-130 for SWS Plans.



CITY OF WICHITA

RAMP V

PLAN AND PROFILE

STA. 10686+60.28 - STA. 10699+24.35

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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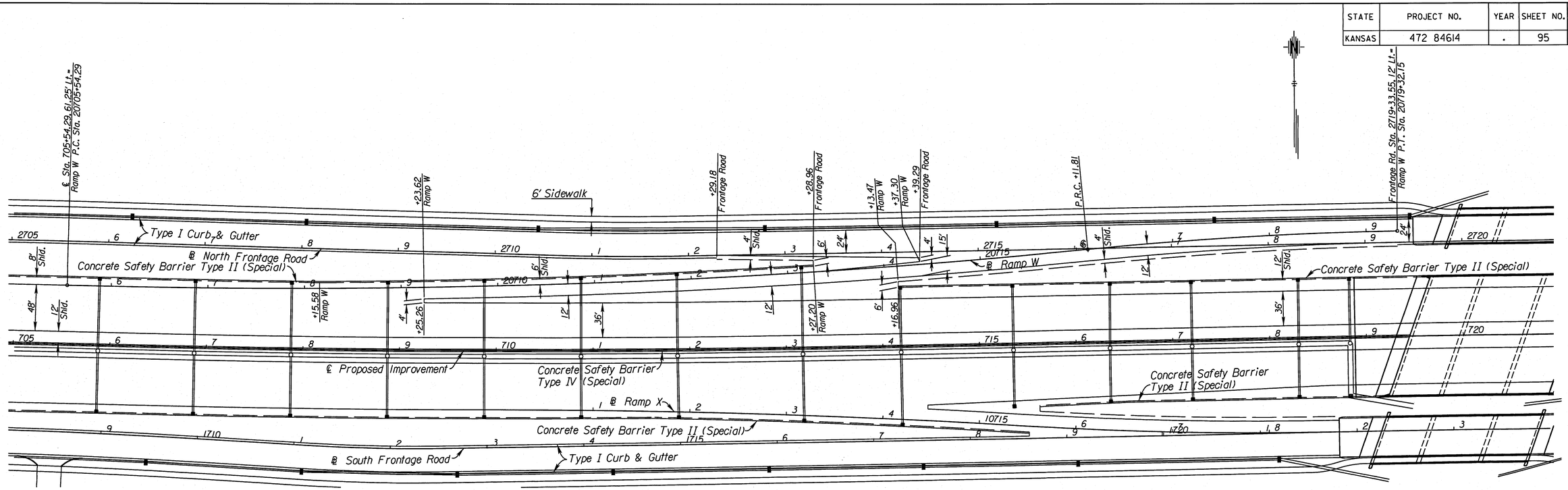
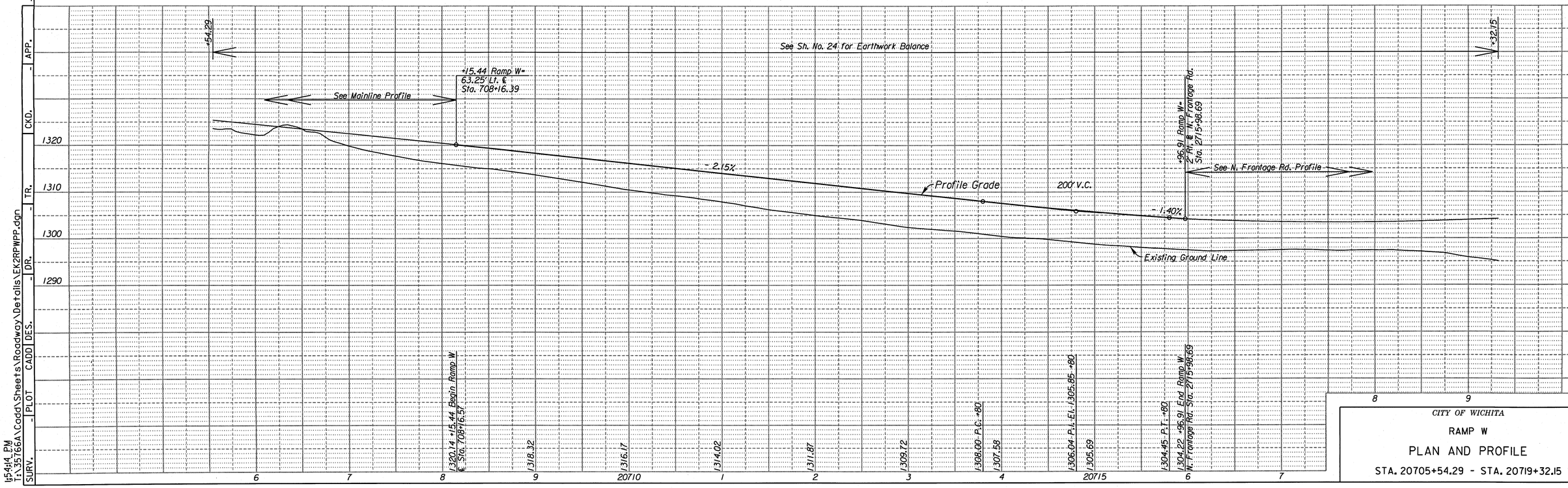
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	95	538



See Sh. No's. 102-130 for SWS Plans.



CITY OF WICHITA

RAMP W

PLAN AND PROFILE

STA. 20705+54.29 - STA. 20719+32.15

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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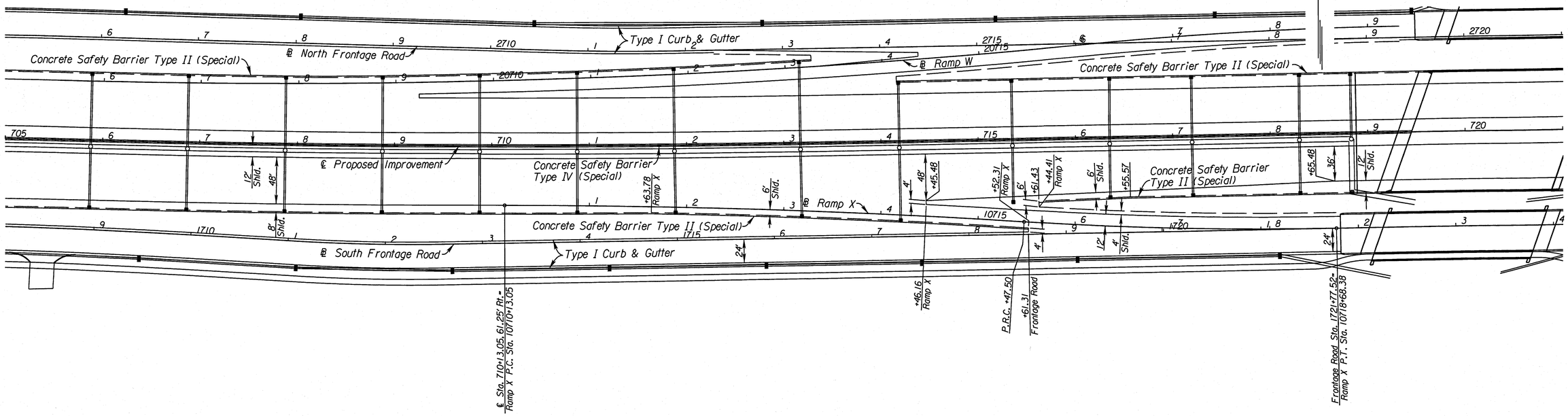
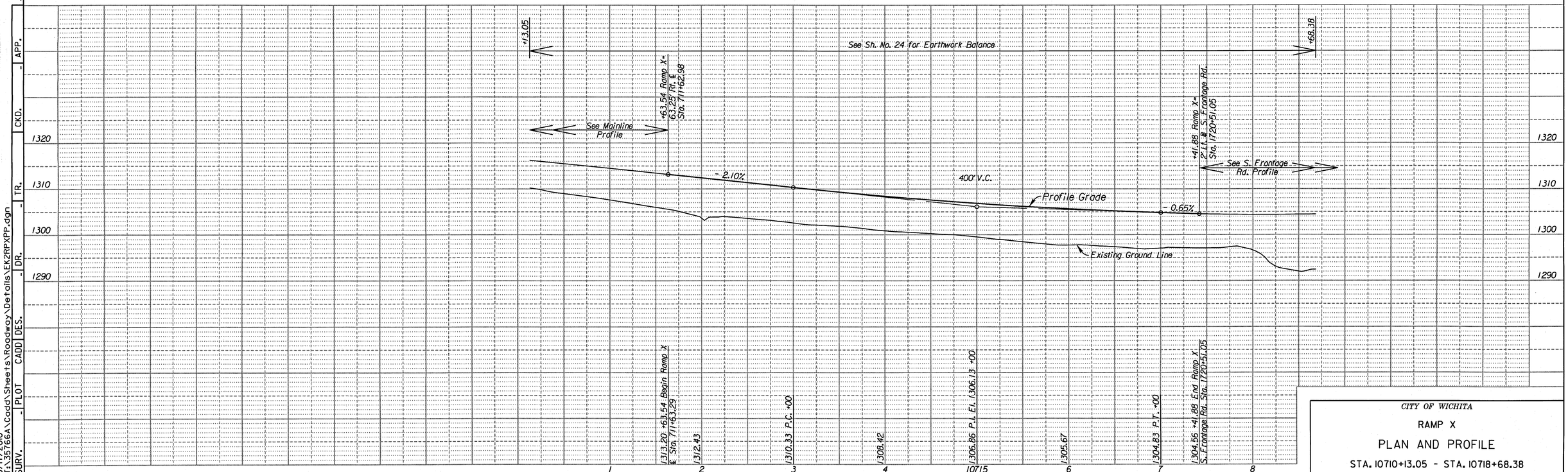
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	96	538



See Sh. No's. 102-130 for SWS Plans.



CITY OF WICHITA

RAMP X

PLAN AND PROFILE

STA. 10710+13.05 - STA. 10718+68.38

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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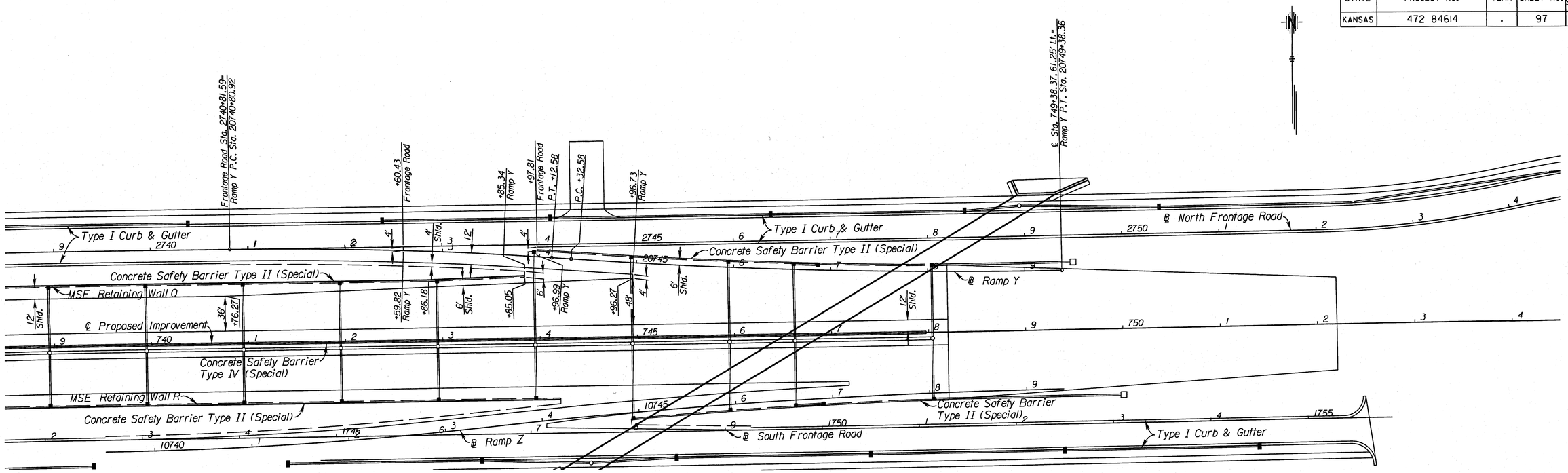
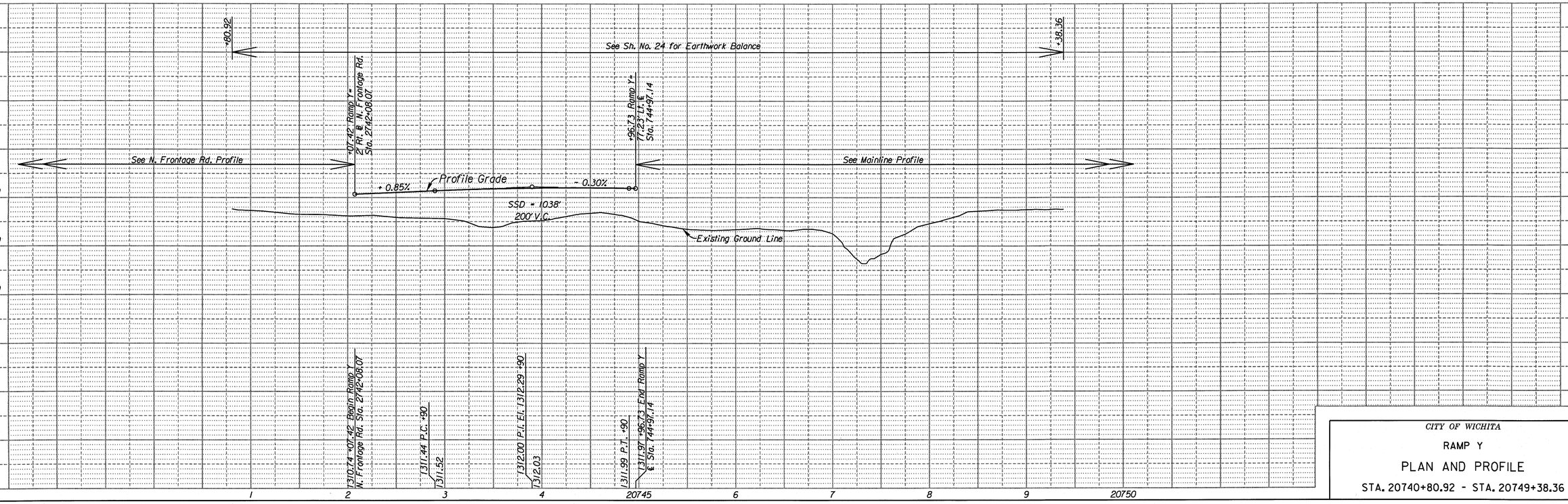
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	97	538



See Sh. No's. 102-130 for SWS Plans.



CITY OF WICHITA

RAMP Y

PLAN AND PROFILE

STA. 20740+80.92 - STA. 20749+38.36

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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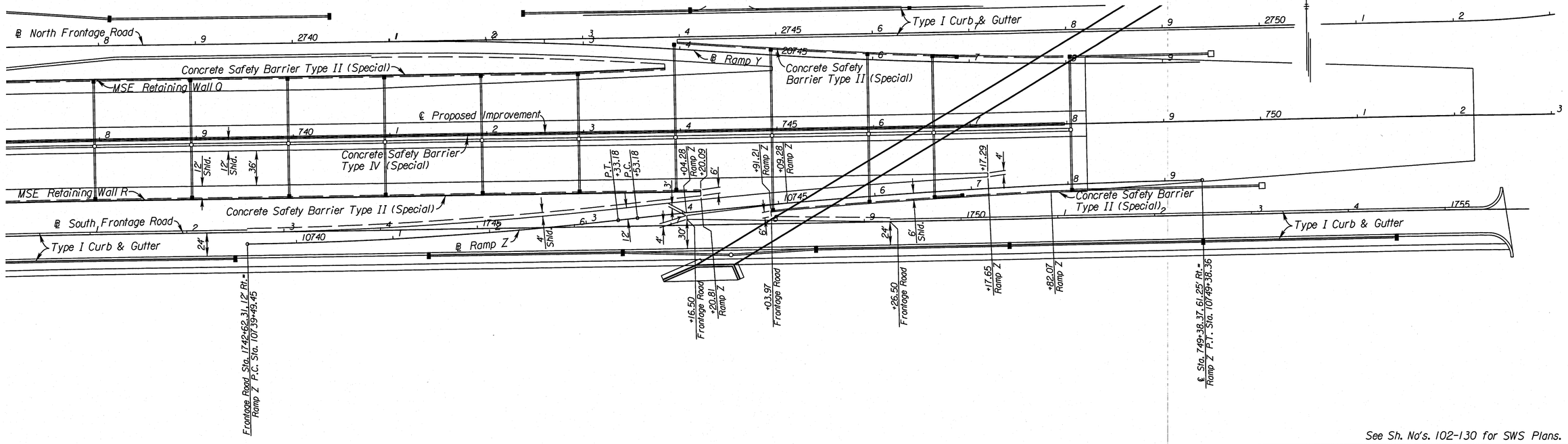
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	98	538



CITY OF WICHITA

RAMP Z

PLAN AND PROFILE

STA. 10739+49.45 - STA. 10749+38.36

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9/17/2010
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SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	99	538

Scale: 1"=20'

North Frontage Road

South Frontage Road

Remove Concrete Safety Barrier Type F3 (Temp.)

Remove Concrete Safety Barrier Type F3 (Temp.)

Colored Stamped Concrete (6")

Combined Curb & Gutter (Type III)) (Special)

Combined Curb & Gutter (Type III) (8")

℄ Zelta Street = Sec. Line

+99.84 11.75' Rt.
+11.84 11.75' Rt.
+21.84 10' Rt.
7.25' R.
+99.84 26.25' Rt.
+11.84 26.25' Rt.
14.50'
24'
23'
+21.84 52' Rt.

+08.92 22' Rt.
+41.88 23.75' Rt.
P.I. +70.50
2.5'
6'
35'
+45.99 23.75' Rt.
+94.01 22' Rt.
1.25' R.
1.25' R.
+41.88 26.25' Rt.
20'
+45.99 26.25' Rt.
+08.90 48' Rt.
15'
+94.02 48' Rt.

All stations and offsets are to back of curb unless otherwise shown.

CITY OF WICHITA

ZELTA STREET

INTERSECTION DETAILS

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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9/17/2010
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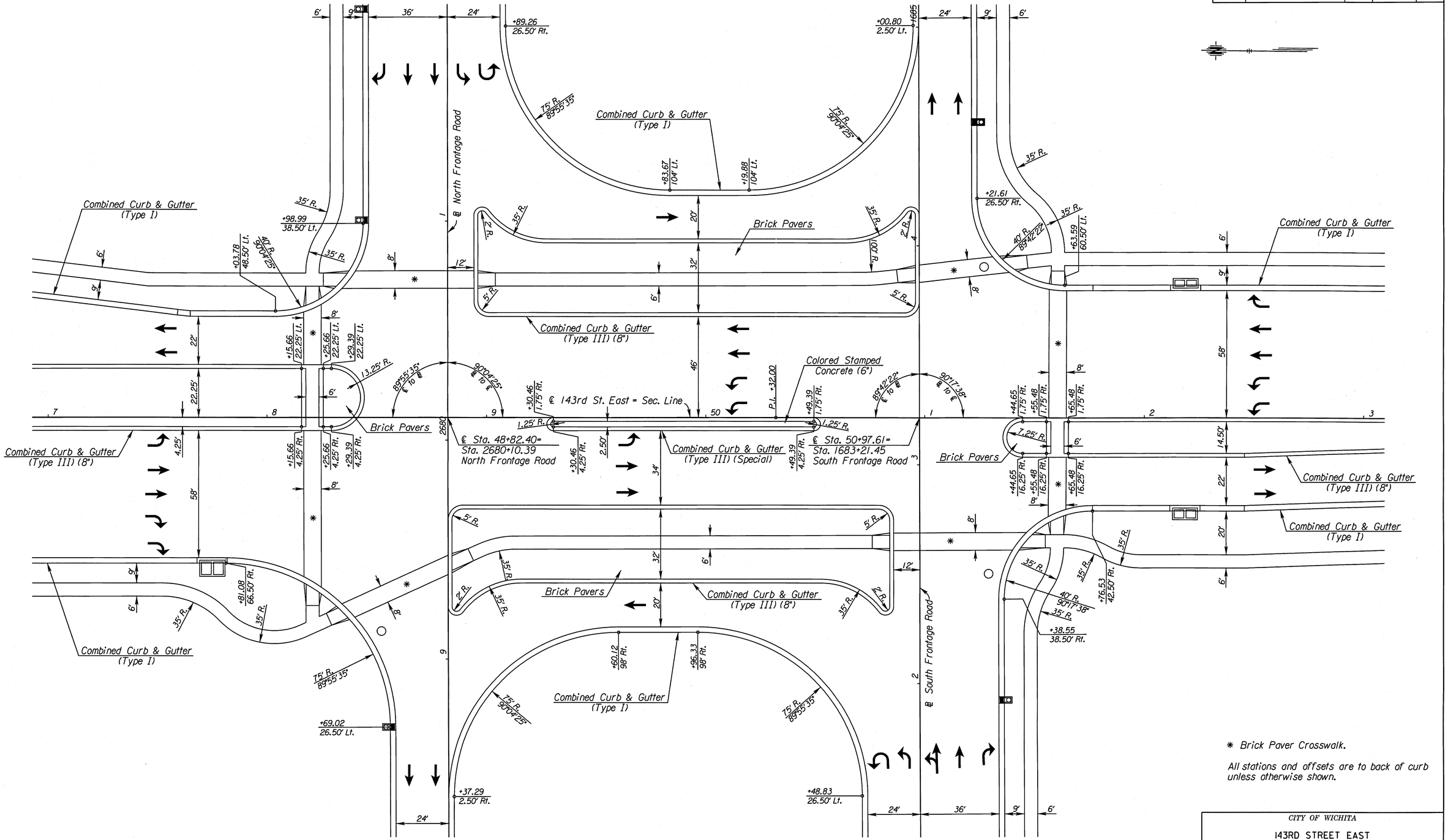
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614		100	538



* Brick Paver Crosswalk.

All stations and offsets are to back of curb unless otherwise shown.

CITY OF WICHITA

143RD STREET EAST

INTERSECTION DETAILS

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-

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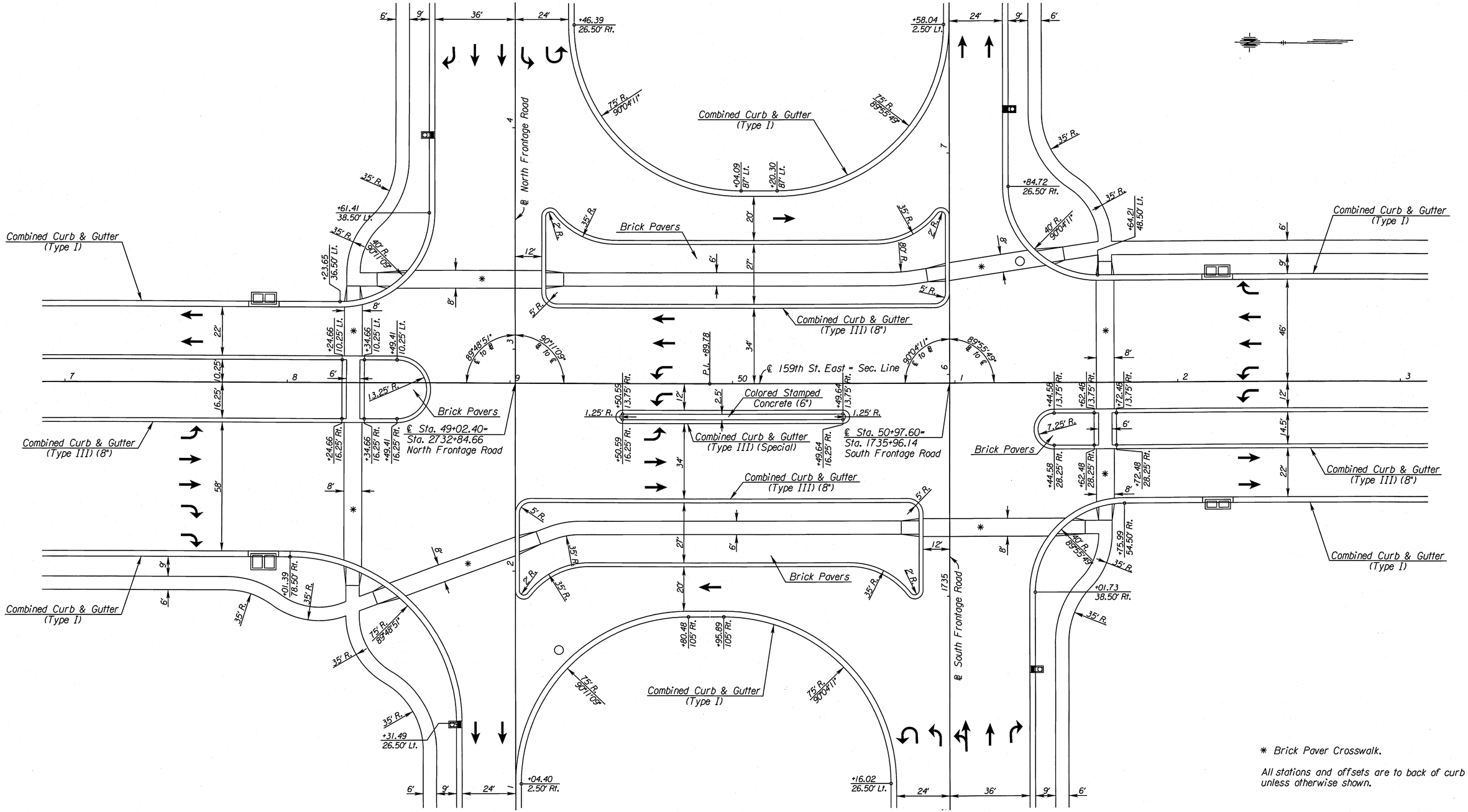
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	101	538



* Brick Paver Crosswalk.

All stations and offsets are to back of curb unless otherwise shown.

CITY OF WICHITA

159TH STREET EAST

INTERSECTION DETAILS

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-

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9/17/2010
1:54:48 PM

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	102	538

Sta. 37+14.57 Line A=
Sta. 0+00 Lines A19=
Sta. 633+52.40 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 24" x 150.00' RCP (W)

Sta. 0+54.62 Line A19=
Sta. 633+52.40 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line A17=
Sta. 636+52.92 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 34+14.04 Line A=
Sta. 0+00 Lines A17=
Sta. 636+52.92 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 24" x 150.00' RCP (W)

Sta. 0+54.62 Line A15=
Sta. 639+52.92 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 31+14.04 Line A=
Sta. 0+00 Lines A15=
Sta. 639+52.92 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.64' RCP (N)
Install 30" x 150.00' RCP (W)

Sta. 0+54.62 Line A13=
Sta. 643+02.96 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 27+64.01 Line A=
Sta. 0+00 Lines A13=
Sta. 643+02.96 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 30" x 224.43' RCP (W)

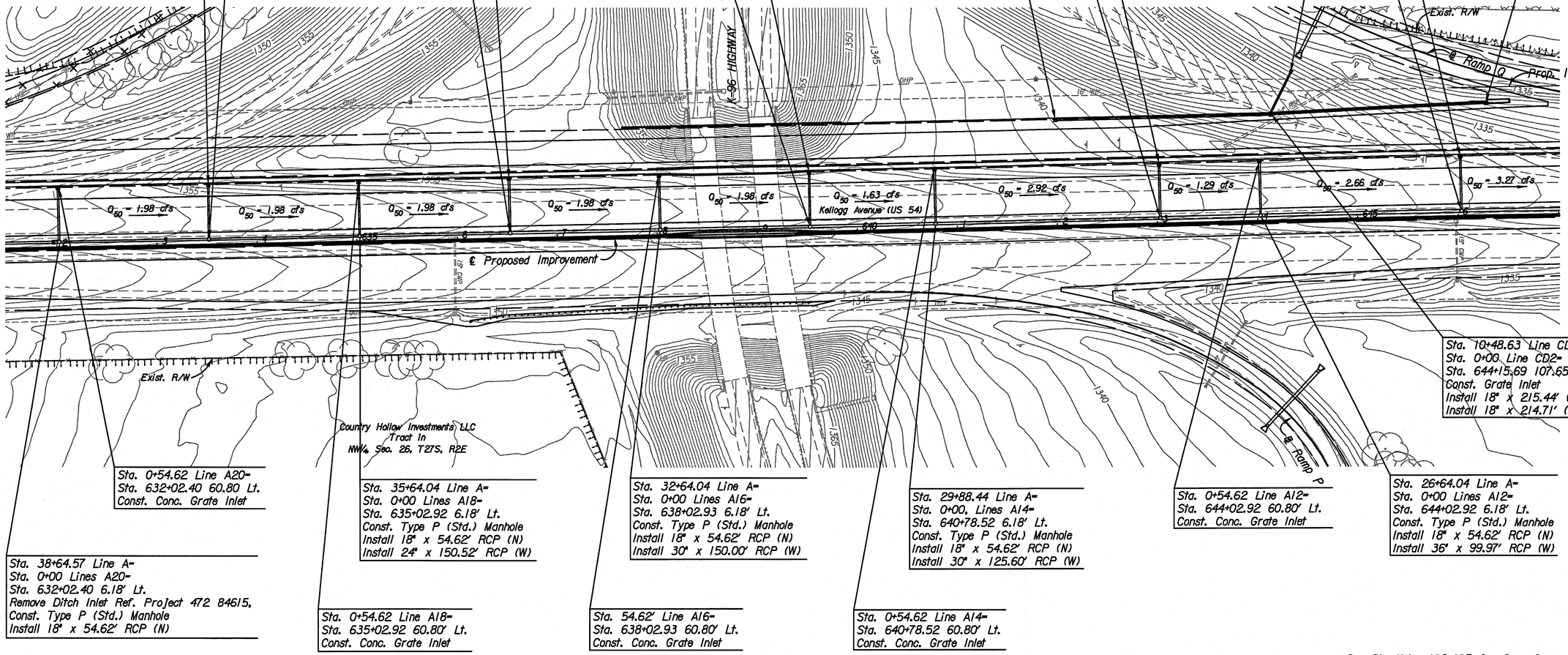
Sta. 12+64.07 Line CD 1
Sta. 642+00.25 107.55' Lt.
Const. Grate Inlet

Sta. 0+54.62 Line A11=
Sta. 646+03.52 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 24+63.44 Line A=
Sta. 0+00 Lines A11=
Sta. 646+03.52 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 36" x 200.60' RCP (W)

Sta. 10+00 Line CD 1
Sta. 644+37.26 151.00' Lt.
Install 18" x 48.63' RCP (SW)
with 18" End Section

Sta. 2+14.71 Line CD 2
Sta. 646+30.32 113.78' Lt.
Const. Grate Inlet



Sta. 0+54.62 Line A20=
Sta. 632+02.40 60.80 Lt.
Const. Conc. Grate Inlet

Sta. 38+64.57 Line A=
Sta. 0+00 Lines A20=
Sta. 632+02.40 6.18' Lt.
Remove Ditch Inlet Ref. Project 472 84615,
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)

Sta. 35+64.04 Line A=
Sta. 0+00 Lines A18=
Sta. 635+02.92 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 24" x 150.52' RCP (W)

Sta. 0+54.62 Line A18=
Sta. 635+02.92 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 32+64.04 Line A=
Sta. 0+00 Lines A16=
Sta. 638+02.93 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 30" x 150.00' RCP (W)

Sta. 54.62' Line A16=
Sta. 638+02.93 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 29+88.44 Line A=
Sta. 0+00, Lines A14=
Sta. 640+78.52 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 30" x 125.60' RCP (W)

Sta. 0+54.62 Line A14=
Sta. 640+78.52 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line A12=
Sta. 644+02.92 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 10+48.63 Line CD1=
Sta. 0+00 Line CD2=
Sta. 644+15.69 107.65' Lt.
Const. Grate Inlet
Install 18" x 215.44' (W)
Install 18" x 214.71' (E)

Sta. 26+64.04 Line A=
Sta. 0+00 Lines A12=
Sta. 644+02.92 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 36" x 99.97' RCP (W)

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Power	Westar
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

STORM WATER SEWER PLAN

STA. 632+00 TO STA. 647+00

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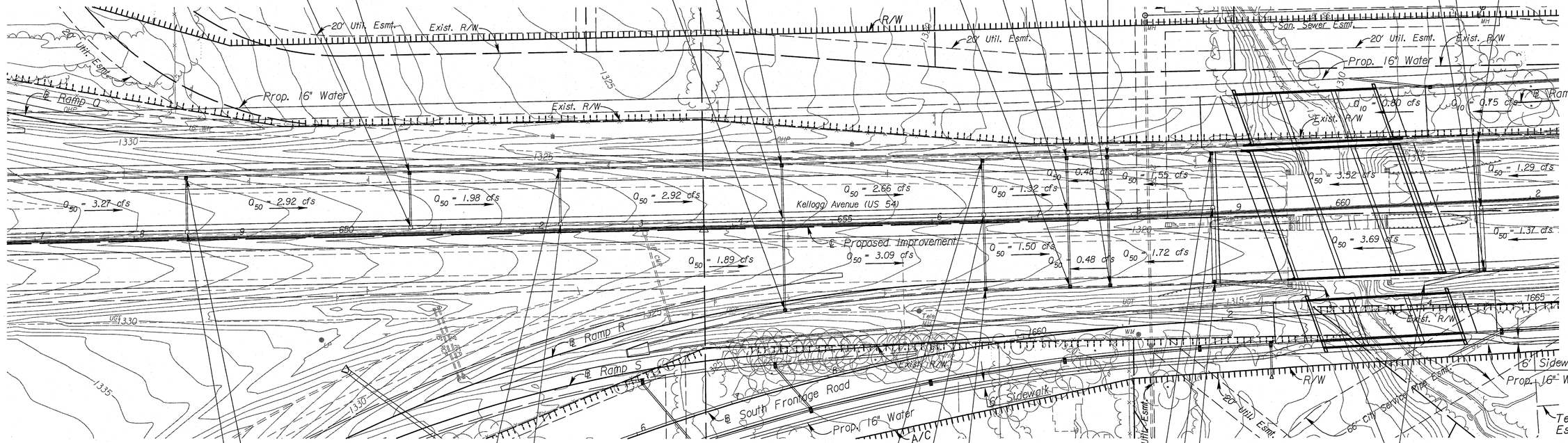
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	103	538



Sta. 22+14.04 Line A=
Sta. 0+00 Lines A10=
Sta. 648+52.92 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 36" x 249.40' RCP (W)

Sta. 0+54.62 Line A10=
Sta. 648+52.92 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line A8=
Sta. 652+27.40 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 18+39.57 Line A=
Sta. 0+00 Lines A8=
Sta. 652+27.40 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 36" x 150.00' RCP (W)

Sta. 0+54.62 Line A5=
Sta. 656+52.19 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 14+14.78 Line A=
Sta. 0+00 Lines A4 & A5=
Sta. 656+52.19 6.18' Lt.
Const. Type P (Std.) Manhole
Install 18" x 54.62' RCP (N)
Install 42" x 201.45' RCP (W)
Install 18" x 75.07' RCP (S)

Sta. 0+75.07 Line A4=
Sta. 656+52.19 68.89' Rt.
Const. Conc. Grate Inlet

Sta. 0+54.69, Line A1=
Sta. 658+81.89, 60.79' Lt.
Const. Conc. Grate Inlet

Sta. 11+85.24 Line A=
Sta. 0+00 Lines A1=
Sta. 658+81.89 6.18' Lt.
Const. Type P (Std.) Manhole
Install 48" x 104.55' RCP (W)
Install 18" x 54.62' RCP (N)

Sta. 10+00 Line A=
Sta. 659+90.19 80.61' Rt.
Const. 48" Headwall
Install 48" x 110.26 RCP (W)

Sta. 11+10.26 Line A=
Sta. 658+81.89 68.80' Rt.
Const. Conc. Grate Inlet Stack Over
Reinf. Conc. Manhole
Install 48" x 74.98' RCP (N)

Sta. 10+00 Line B=
Sta. 660+89.70 80.14' Rt.
Const. 42" Headwall
Install 42" x 62.12 RCP (E)

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Southern Star Pipeline
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

STORM WATER SEWER PLAN

STA. 647+00 TO STA. 662+00

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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	104	538

Sta. 0+62.70 Line B2-
Sta. 662+49.93 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 12+24.24 Line B-
Sta. 0+00 Lines B2 & B3-
Sta. 662+49.92 6.18' Rt.
Const. Type P (Std. Manhole
Install 18" x 66.92' RCP (N)
Install 42" x 100.00' RCP (E)
Install 18" x 62.70' RCP (S)

Sta. 0+66.92 Line B3-
Sta. 662+49.90 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+55.32 Line B6-
Sta. 664+49.22 61.56' Rt.
Const. Conc. Grate Inlet

Sta. 14+24.24 Line B-
Sta. 0+00 Lines B6 & B7-
Sta. 664+49.87 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 66.42' RCP (N)
Install 36" x 100.00' RCP (E)
Install 18" x 55.32' RCP (S)

Sta. 0+66.42 Line B7-
Sta. 664+51.04 60.17' Lt.
Const. Conc. Grate Inlet

Sta. 0+54.57 Line B11-
Sta. 667+62.89 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 17+36.77 Line B-
Sta. 0+00 Lines B10 & B11-
Sta. 667+62.51 Const. Type P
(Std.) Manhole, 6.18' Rt.
Install 18" x 91.77' RCP (N)
Install 36" x 100.00' RCP (E)
Install 18" x 54.57' RCP (S)

Sta. 0+91.77 Line B10-
Sta. 667+60.65 85.54' Lt.
Const. Conc. Grate Inlet

Sta. 0+88.41 Line B16-
Sta. 670+63.73 82.15' Lt.
Const. Conc. Grate Inlet

Sta. 20+36.77 Line B-
Sta. 0+00 Lines B16 & B17-
Sta. 670+62.62 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 88.41' RCP (N)
Install 30" x 100.00' RCP (E)
Install 18" x 54.55' RCP (S)

Sta. 0+54.55 Line B17-
Sta. 670+62.61 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line B20-
Sta. 672+53.43 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 22+27.51 Line B-
Sta. 0+00 Lines B20 & B21-
Sta. 672+53.43 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 86.98' RCP (N)
Install 30" x 100.00' RCP (E)
Install 18" x 54.52' RCP (S)

Sta. 0+87.08 Line B21-
Sta. 672+53.43 80.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line B24-
℄ Sta. 674+53.44 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 24+27.51 Line B-
Sta. 0+00 Lines B24 & B25-
Sta. 674+53.44 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 86.98' RCP (N)
Install 24" x 100.00' RCP (E)
Install 18" x 54.62' RCP (S)

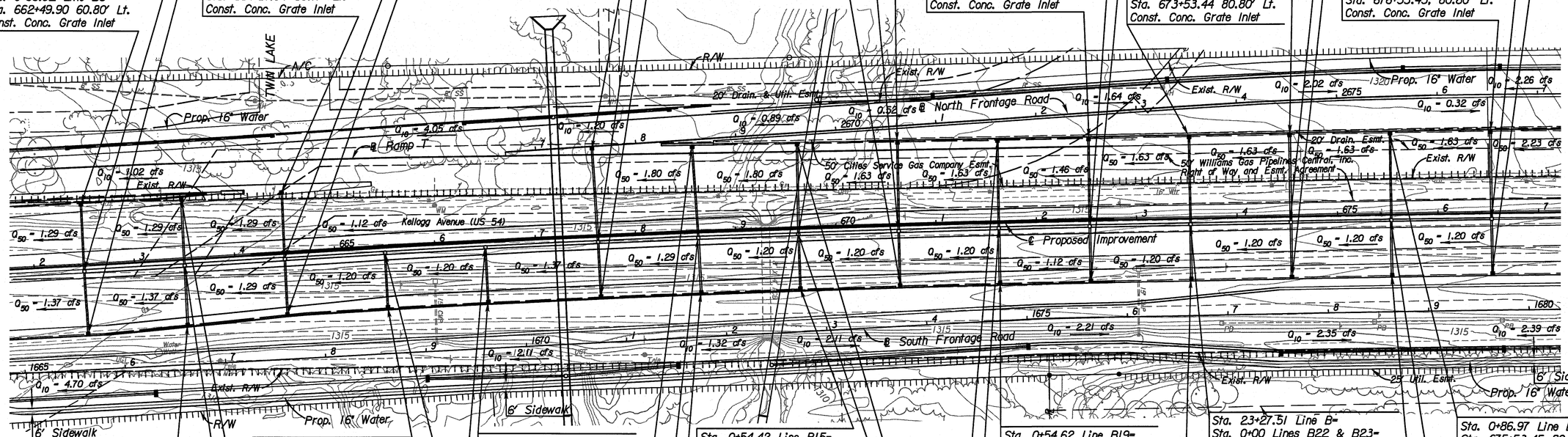
Sta. 0+86.98 Line B25-
Sta. 674+53.44 80.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+86.98 Line B22-
Sta. 673+53.44 80.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line B28-
Sta. 676+53.45 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 26+27.52 Line B-
Sta. 0+00 Lines B28 & B29-
Sta. 676+53.45 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 86.98' RCP (N)
Install 18" x 135.83' RCP (E)
Install 18" x 54.62' RCP (S)

Sta. 0+86.98, Line B29-
Sta. 676+53.45, 80.80' Lt.
Const. Conc. Grate Inlet



Sta. 0+59.46 Line B5-
Sta. 663+49.30 65.56' Rt.
Const. Conc. Grate Inlet

Sta. 13+24.24 Line B-
Sta. 0+00 Lines B4 & B5-
Sta. 663+49.88 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 66.84' RCP (N)
Install 42" x 100.00' RCP (E)
Install 18" x 59.46' RCP (S)

Sta. 0+66.84 Line B4-
Sta. 663+50.52 60.74' Lt.
Const. Conc. Grate Inlet

Sta. 0+54.61 Line B8-
Sta. 665+49.66 60.83' Rt.
Const. Conc. Grate Inlet

Sta. 15+24.24 Line B-
Sta. 0+00 Lines B8-
Sta. 665+49.91 6.18' Rt.
Const. Type P (Std.) Manhole
Install 36" x 100.00' RCP (W)
Install 18" x 54.61' RCP (S)

Sta. 16+24.24 Line B-
Sta. 0+00 Lines B9-
Sta. 666+49.94 6.18' Rt.
Const. Type P (Std. Manhole
Install 36" x 112.53' RCP (E)
Install 18" x 54.57' RCP (S)

Sta. 0+54.52 Line B9-
Sta. 666+49.94 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+92.10 Line B12-
Sta. 668+60.07 85.86' Lt.
Const. Conc. Grate Inlet

Sta. 18+36.77 Line B-
Sta. 0+00 Lines B12 & B13-
Sta. 668+62.55 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 92.10' RCP (N)
Install 36" x 100.00' RCP (E)
Install 18" x 54.56' RCP (S)

Sta. 0+54.56 Line B13-
Sta. 668+63.32 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+54.42 Line B15-
Sta. 669+62.59 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 19+36.77 Line B-
Sta. 0+00 Lines B14 & B15-
Sta. 669+62.58 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 89.95' RCP (N)
Install 36" x 100.00' RCP (E)
Install 18" x 54.62' RCP (S)

Sta. 0+89.95 Line B14-
Sta. 669+64.24 83.70' Lt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line B19-
Sta. 671+62.66 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 21+36.77 Line B-
Sta. 0+00 Lines B18 & B19-
Sta. 671+62.66 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 87.51' RCP (N)
Install 30" x 90.74' RCP (E)
Install 18" x 54.62' RCP (S)

Sta. 0+87.51 Line B18-
Sta. 671+63.25 81.26' Lt.
Const. Conc. Grate Inlet

Sta. 23+27.51 Line B-
Sta. 0+00 Lines B22 & B23-
Sta. 673+53.44 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 86.98' RCP (N)
Install 30" x 100.00' RCP (E)
Install 18" x 54.62' RCP (S)

Sta. 0+54.64 Line B23-
Sta. 673+53.44 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line B27-
Sta. 675+53.45 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+86.97 Line B26-
Sta. 675+53.45 80.80' Lt.
Const. Conc. Grate Inlet

Sta. 25+27.52 Line B-
Sta. 0+00 Lines B26 & B27-
Sta. 675+53.45 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 86.98' RCP (N)
Install 24" x 100.00' RCP (E)
Install 18" x 54.62' RCP (S)

UTILITIES

Gas_2	Southern Star Pipeline
Gas_5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

STORM WATER SEWER PLAN

STA. 662+00 TO STA. 677+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	105	538

Sta. 0+54.63 Line B31-
Sta. 677+89.28 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 27+63.35 Line B-
Sta. 0+00 Lines B30 & B31-
Sta. 677+89.28 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 86.98' RCP (N)
Install 18" x 54.63' RCP (S)

Sta. 0+86.98 Line B30-
Sta. 677+89.28 80.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+86.97 Line C69-
Sta. 682+39.06 80.79' Lt.
Const. Conc. Grate Inlet

Sta. 47+64.02 Line C-
Sta. 0+00 Lines C68 & C69-
Sta. 682+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 86.97' RCP (N)
Install 18" x 54.62' RCP (S)

Sta. 0+54.62 Line C68-
Sta. 682+39.06 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+82.46 Line C65-
Sta. 684+39.06 76.28' Lt.
Const. Conc. Grate Inlet

Sta. 45+64.02 Line C-
Sta. 0+00 Lines C64 & C65-
Sta. 684+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 82.46' RCP (N)
Install 24" x 100.00' RCP (W)
Install 18" x 54.67' RCP (S)

Sta. 0+54.67 Line C64-
Sta. 683+39.06 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+75.78 Line C61-
Sta. 686+39.06 69.61' Lt.
Const. Conc. Grate Inlet

Sta. 43+64.02 Line C-
Sta. 0+00 Lines C60 & C61-
Sta. 686+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 75.78' RCP (N)
Install 30" x 100.00' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 0+54.62 Line C60-
Sta. 686+39.06 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+74.98 Line C57-
Sta. 688+39.06 68.82' Lt.
Const. Conc. Grate Inlet

Sta. 41+64.02 Line C-
Sta. 0+00 Lines C56 & C57-
Sta. 688+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 30" x 100.00' RCP (W)
Install 18" x 54.62' RCP (S)

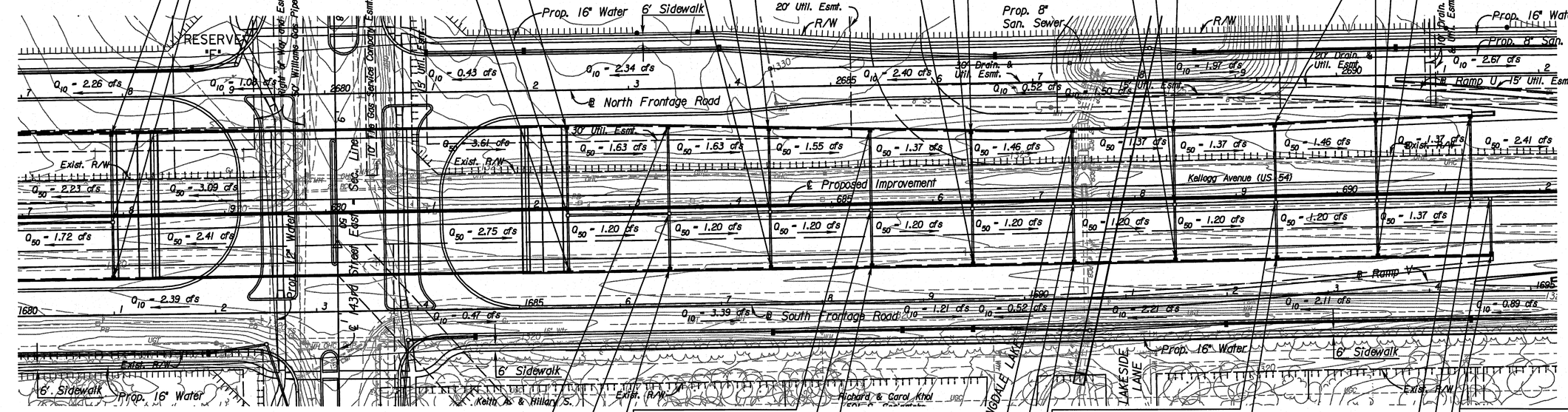
Sta. 0+54.62 Line C56-
Sta. 688+39.06 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+76.55 Line C55-
Sta. 689+39.06 70.39' Lt.
Const. Conc. Grate Inlet

Sta. 0+79.45 Line C53-
Sta. 690+39.06 73.25' Lt.
Const. Conc. Grate Inlet

Sta. 39+64.02 Line C-
Sta. 0+00 Lines C52 & C53-
Sta. 690+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 79.45' RCP (N)
Install 36" x 100.00' RCP (W)
Install 18" x 54.64' RCP (S)

Sta. 0+54.64 Line C52-
Sta. 690+39.06 60.80' Rt.
Const. Conc. Grate Inlet



Sta. 0+85.80 Line C67-
Sta. 683+39.06 79.62' Lt.
Const. Conc. Grate Inlet

Sta. 46+64.02 Line C-
Sta. 0+00 Lines C66 & C67-
Sta. 683+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 85.80' RCP (N)
Install 18" x 100.00' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 0+54.62 Line C66-
Sta. 683+39.06 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+79.12 Line C63-
Sta. 685+39.06 72.95' Lt.
Const. Conc. Grate Inlet

Sta. 44+64.02 Line C-
Sta. 0+00 Lines C62 & C63-
Sta. 685+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 79.12' RCP (N)
Install 24" x 100.00' RCP (W)
Install 18" x 54.67' RCP (S)

Sta. 0+54.67 Line C62-
Sta. 685+39.06 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+74.78 Line C59-
Sta. 687+39.06 68.81' Lt.
Const. Conc. Grate Inlet

Sta. 42+64.02 Line C-
Sta. 0+00 Lines C58 & C59-
Sta. 687+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.78' RCP (N)
Install 30" x 100.00' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 0+54.62, Line C58-
Sta. 687+39.06, 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 40+64.02 Line C-
Sta. 0+00 Lines C54 & C55-
Sta. 689+39.06 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 76.55' RCP (N)
Install 36" x 100.00' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 0+54.62 Line C54-
Sta. 689+39.06 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+82.11 Line C51-
Sta. 691+32.26 75.90' Lt.
Const. Conc. Grate Inlet

Sta. 38+70.83 Line C-
Sta. 0+00 Lines C51-
Sta. 691+32.26 6.18' Rt.
Const. Type P (Std.) Manhole
Install 36" x 93.19' RCP (W)
Install 18" x 82.11' RCP (N)

Sta. 0+54.62 Line C50-
Sta. 691+50.94 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 38+52.14 Line C-
Sta. 0+00 Lines C50-
Sta. 691+50.94 6.18' Rt.
Const. Type P (Std.) Manhole
Install 36" x 18.68' RCP (W)
Install 18" x 54.64' RCP (S)

UTILITIES

Gas_1	Kansas Gas Service
Gas_2	Southern Star Pipeline
Gas_5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

EAST KELLOGG

STORM WATER SEWER PLAN

STA. 677+00 TO STA. 692+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	106	538

Sta. 36+57.94 Line C=
Sta. 0+00 Lines C48=
Sta. 693+45.15 6.18' Rt.
Const. Type P (Std.) Manhole
Install 36" x 48.00' RCP (W)
Install 18" x 71.64' RCP (S)

Sta. 37+06.14 Line C=
Sta. 0+00 Lines C49=
Sta. 692+96.94 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 95.79' RCP (N)
Install 36" x 146.00' RCP (W)

Sta. 0+95.79 Line C49=
Sta. 692+96.94 89.61' Lt.
Const. Conc. Grate Inlet

Sta. 0+66.19 Line C44=
Sta. 694+90.01 72.40' Rt.
Const. Conc. Grate Inlet

Sta. 35+13.07 Line C=
Sta. 0+00 Lines C44 & C45=
Sta. 694+90.01 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 82.85' RCP (N)
Install 42" x 100.00' RCP (W)
Install 18" x 66.19' RCP (S)

Sta. 0+82.85 Line A45=
Sta. 694+90.01 76.65' Lt.
Const. Conc. Grate Inlet

Sta. 0+62.61 Line C40=
Sta. 696+90.61 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 33+13.08 Line C=
Sta. 0+00 Lines C40 & C41=
Sta. 696+90.05 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 42" x 99.97' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+74.99 Line C41=
Sta. 696+90.03 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+62.60 Line C36=
Sta. 699+87.75 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 30+15.61 Line C=
Sta. 0+00 Lines C36 & C37=
Sta. 699+87.83 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 42" x 197.49' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+75.00 Line C37=
Sta. 699+87.63 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+62.61 Line C32=
Sta. 701+88.56 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 28+14.83 Line C=
Sta. 0+00 Lines C32 & C33=
Sta. 701+87.69 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 48" x 99.99' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+75.00 Line C33=
Sta. 701+88.23 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+74.93 Line C27=
Sta. 704+87.83 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+62.60 Line C28=
Sta. 703+87.76 68.80' Rt.
Const. Conc. Grate Inlet

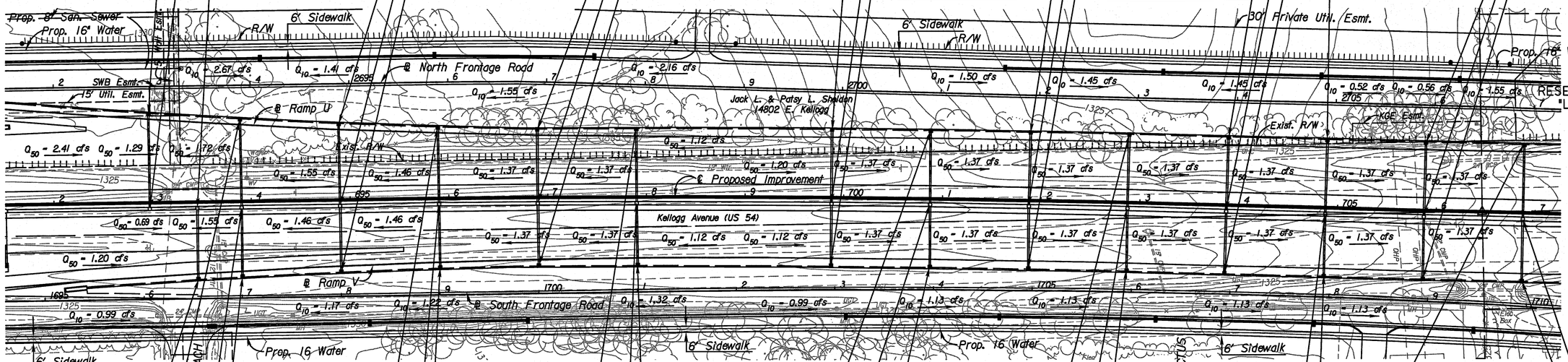
Sta. 26+15.66 Line C=
Sta. 0+00 Lines C28 & C29=
Sta. 703+87.73 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 48" x 99.98' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+75.00 Line C29=
Sta. 703+87.64 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+62.67 Line C24=
Sta. 705+87.74 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 24+15.58 Line C=
Sta. 0+00 Lines C24 & C25=
Sta. 705+87.76 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 48" x 99.98' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+74.93 Line C25=
Sta. 705+88.02 68.80' Lt.
Const. Conc. Grate Inlet



Prop. 16" Water
6' Sidewalk
Prop. 16 Water
6' Sidewalk
Prop. 16 Water
6' Sidewalk

Sta. 0+71+64 Line C48=
Sta. 693+45.07 77.82' Rt.
Const. Conc. Grate Inlet

Sta. 0+89.01 Line C46=
Sta. 693+89.75 82.84' Lt.
Const. Conc. Grate Inlet

Sta. 36+13.07 Line C=
Sta. 0+00 Lines C46 & C47=
Sta. 693+90.01 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 89.01' RCP (N)
Install 36" x 44.86' RCP (W)
Install 18" x 69.70' RCP (S)

Sta. 0+69.70 Line C47=
Sta. 693+89.93 75.88' Rt.
Const. Conc. Grate Inlet

Sta. 0+77.90 Line C43=
Sta. 695+89.78 71.70' Lt.
Const. Conc. Grate Inlet

Sta. 34+13.06 Line C=
Sta. 0+00 Lines C42 & C43=
Sta. 695+90.04 71.70' Lt.
Const. Type P (Std.) Manhole
Install 18" x 77.90' RCP (N)
Install 42" x 100.02' RCP (W)
Install 18" x 63.85' RCP (S)

Sta. 0+63.85 Line C42=
Sta. 695+90.17 70.05' Rt.
Const. Conc. Grate Inlet

Sta. 0+75.00 Line C39=
Sta. 697+90.07 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 32+13.10 Line C=
Sta. 0+00 Lines C38 & C39=
Sta. 697+90.07 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 42" x 99.98' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+62.60 Line C38=
Sta. 697+91.00 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+75.00 Line C35=
Sta. 700+87.21 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 29+15.62 Line C=
Sta. 0+00 Lines C34 & C35=
Sta. 700+87.66 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 42" x 100.00' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+62.60 Line C34=
Sta. 700+88.22 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+75.00 Line C31=
Sta. 702+87.71 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 27+15.65 Line C=
Sta. 0+00 Lines C30 & C31=
Sta. 702+87.71, 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 48" x 99.98' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+62.60 Line C30=
Sta. 702+88.30 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 25+15.57 Line C=
Sta. 0+00 Lines C26 & C27=
Sta. 704+87.81 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 48" x 100.10' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+62.67 Line C26=
Sta. 704+87.95 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+74.94 Line C23=
Sta. 706+87.77 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+62.67 Line C22=
Sta. 706+87.66 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 23+15.58 Line C=
Sta. 0+00 Lines C22 & C23=
Sta. 706+87.72 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 48" x 100.00' RCP (W)
Install 18" x 62.62' RCP (S)

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

STORM WATER SEWER PLAN

STA. 692+00 TO STA. 707+00

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	107	538

Sta. 0+76.17 Line C19=
Sta. 708+87.60 70.03' Lt.
Const. Conc. Grate Inlet

Sta. 21+15.61 Line C=
Sta. 0+00 Lines C18 & C19=
Sta. 708+87.62 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 76.17' RCP (N)
Install 48" x 100.00' RCP (W)
Install 18" x 62.66' RCP (S)

Sta. 0+62.66 Line C18=
Sta. 708+87.62 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+81.22 Line C15=
Sta. 710+87.74 75.08' Lt.
Const. Conc. Grate Inlet

Sta. 19+15.61 Line C=
Sta. 0+00 Lines C14 & C15=
Sta. 710+87.55 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 81.22' RCP (N)
Install 60" x 100.00' RCP (W)
Install 18" x 62.66' RCP (S)

Sta. 0+62.66 Line C14=
Sta. 710+87.45 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+89.91 Line C11=
Sta. 713+17.05 83.73' Lt.
Const. Conc. Grate Inlet

Sta. 16+85.86 Line C=
Sta. 0+00 Lines C10 & C11=
Sta. 713+17.22 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 89.91' RCP (N)
Install 60" x 129.75' RCP (W)
Install 18" x 68.95' RCP (S)

Sta. 0+66.85 Line C10=
Sta. 713+17.30 75.03' Rt.
Const. Conc. Grate Inlet

Sta. 0+66.98 Line C7=
Sta. 715.35.18 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 14+67.88 Line C=
Sta. 0+00 Lines C6 & C7=
Sta. 715+35.20 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 60" x 116.29' RCP (W)
Install 18" x 58.06' RCP (S)

Sta. 0+58.84 Line C6=
Sta. 715+35.17 64.24' Rt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line C2=
Sta. 717+20 60.80' Rt. Const.
Conc. Grate Inlet

Sta. 11+73.11 Line C=
Sta. 0+00 Lines C2 & C3=
Sta. 717+20 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 60" x 84.74' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 0+66.98 Line C3=
Sta. 717+20 60.80' Lt. Const.
Conc. Grate Inlet

Sta. 0+54.58 Line C2=
Sta. 718+29.98 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 11+73.11 Line C=
Sta. 0+00 Lines C2 & C3=
Sta. 718+29.97 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 67.02' RCP (N)
Install 60" x 110.05' RCP (W)
Install 18" x 54.58' RCP (S)

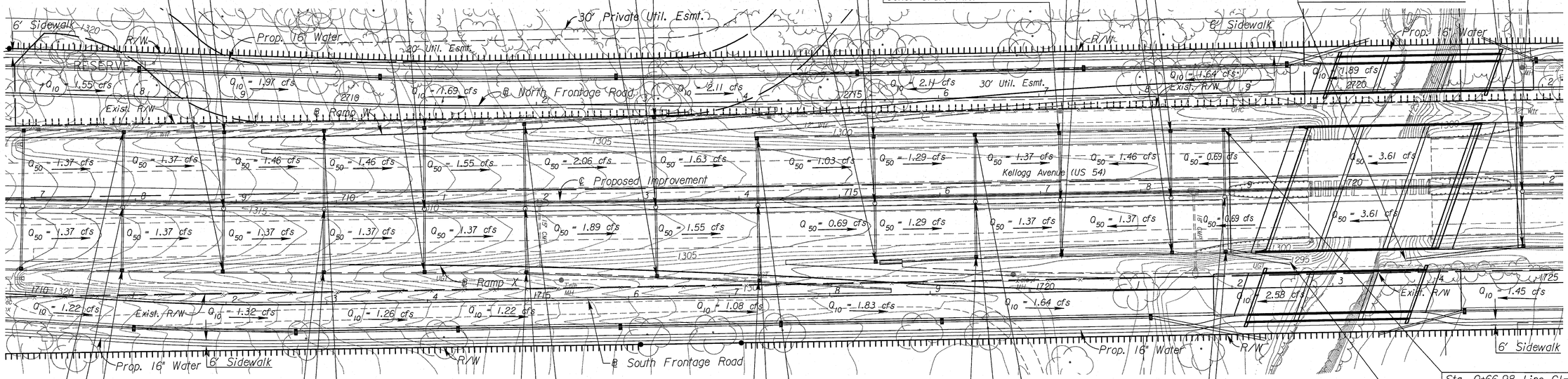
Sta. 0+66.98 Line D1=
Sta. 721+78.79 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 11+72.13 Line D=
Sta. 0+00 Lines D1=
Sta. 721+78.80 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 30" x 100.09' RCP (E)

Sta. 0+67.02 Line C3=
Sta. 718+30.43 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 11+17.50 Line D=
Sta. 721+78.80 60.80' Rt.
Const. Conc. Grate Inlet
Install 30" x 54.62' RCP (N)

Sta. 10+00 Line D=
Sta. 720+61.89 72.43' Rt.
Const. 60" Headwall
Install 30" x 117.50 RCP (E)



Sta. 0+74.98 Line C21=
Sta. 707+87.65 68.80' Lt.
Const. Conc. Grate Inlet

Sta. 22+15.61 Line C=
Sta. 0+00 Lines C20 & C21=
Sta. 707+87.66 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 74.98' RCP (N)
Install 48" x 99.97' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+62.62 Line C20=
Sta. 707+87.65 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+78.41 Line C17=
Sta. 709+87.54 72.26' Lt.
Const. Conc. Grate Inlet

Sta. 0+62.62 Line C16=
Sta. 709+87.58 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 20+15.61 Line C=
Sta. 0+00 Lines C16 & C17=
Sta. 709+87.59 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 78.44' RCP (N)
Install 48" x 100.00' RCP (W)
Install 18" x 62.62' RCP (S)

Sta. 0+63.34 Line C13=
Sta. 711+88.03 69.52' Lt.
Const. Conc. Grate Inlet

Sta. 0+84.61 Line C12=
Sta. 711+87.39 78.46' Rt.
Const. Conc. Grate Inlet

Sta. 18+15.62 Line C=
Sta. 0+00 Lines C12 & C13=
Sta. 711+87.51 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 84.64' RCP (N)
Install 60" x 99.99' RCP (W)
Install 18" x 63.34' RCP (S)

Sta. 0+74.89 Line C8=
Sta. 714+19.03 81.07' Rt.
Const. Conc. Grate Inlet

Sta. 0+66.96 Line C9=
Sta. 714+18.91 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 15+84.17 Line C=
Sta. 0+00 Lines C8 & C9=
Sta. 714+18.91 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 60" x 101.70' RCP (W)
Install 18" x 74.89' RCP (S)

Sta. 0+55.16 Line C4=
Sta. 716+35.13 61.38' Rt.
Const. Conc. Grate Inlet

Sta. 0+67.03 Line C5=
Sta. 716+36.00 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 13+67.89 Line C=
Sta. 0+00 Lines C4 & C5=
Sta. 716+35.19 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 67.98' RCP (N)
Install 60" x 99.99' RCP (W)
Install 18" x 55.20' RCP (S)

Sta. 10+65.22 Line C=
Sta. 718+83.19 60.80' Rt.
Const. Conc. Grate Inlet
Install 60" x 54.62' RCP (N)

Sta. 11+19.89 Line C=
Sta. 0+00 Lines C1=
Sta. 718+83.19 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 60" x 53.22' RCP (W)

Sta. 0+66.98 Line C1=
Sta. 718+83.19 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 10+00 Line C=
Sta. 719+47.33 72.65' Rt.
Const. 60" Headwall
Install 60" x 65.22 RCP (W)

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

STORM WATER SEWER PLAN

STA. 707+00 TO STA. 722+00

SURV. - PLOT - CADD - DES. - DR. - TR. - CKD. - APP.

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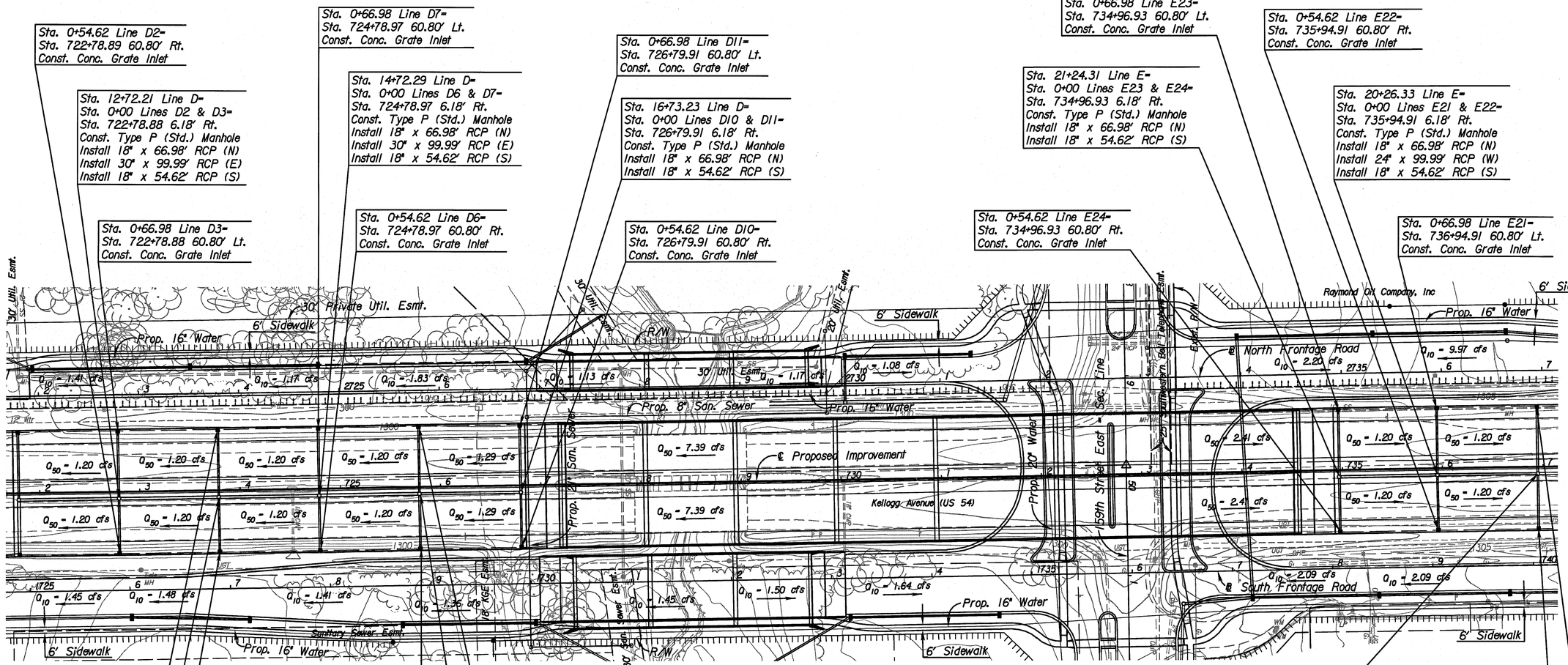
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	108	538



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

STORM WATER SEWER PLAN

STA. 722+00 TO STA. 737+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	109	538

Sta. 0+66.98 Line E15=
Sta. 738+94.88 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 17+26.36 Line E=
Sta. 0+00 Lines E15 & E16=
Sta. 738+94.88 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 30" x 99.99' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 0+66.98 Line E11=
Sta. 740+94.85 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 15+26.39 Line E=
Sta. 0+00 Lines E11 & E12=
Sta. 740+94.85 6.18' Rt. Const.
Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 30" x 99.99' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 0+54.62 Line E8=
Sta. 742+94.82 68.80' Rt.
Const. Conc. Grate Inlet

Sta. 13+26.42 Line E=
Sta. 0+00 Lines E7 & E8=
Sta. 742+94.82 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 67.18' RCP (N)
Install 30" x 99.99' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 0+78.03 Line E4=
Sta. 744+94.80 84.21' Rt.
Const. Conc. Grate Inlet

Sta. 11+26.44 Line E=
Sta. 0+00 Lines E3 & E4=
Sta. 744+94.80 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 89.19' RCP (N)
Install 36" x 99.99' RCP (W)
Install 18" x 78.03' RCP (S)

Sta. 9+59.03 Line E=
Sta. 9+80.19 Line F=
Sta. 0+00 Lines F1 & F2=
Sta. 746+62.20, 6.18' Rt.
Const. Stack Type P (Std.)
Manhole On RCB
Install 36" x 67.42' RCP (W)
Install 36" x 141.81' RCP (E)
Install 18" x 80.50' RCP (N)
Install 18" x 68.95' RCP (S)

Sta. 10+85.09 Line F1=
Sta. 746+87.33 73.30' Lt.
Const. Conc. Grate Inlet

Sta. 10+49.14 Line F2=
Sta. 746+62.20 75.13' Rt.
Const. Conc. Grate Inlet
Install 18" x 28.63' RCP (E)

Sta. 2+21.41 Line F3=
Sta. 749+50.01 69.68' Lt.
Const. Area Inlet (6'x6')

Sta. 0+54.62 Line E16=
Sta. 738+94.88 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+66.98 Line E17=
Sta. 737+94.89 60.80' Lt.
Const. Conc. Grate Inlet

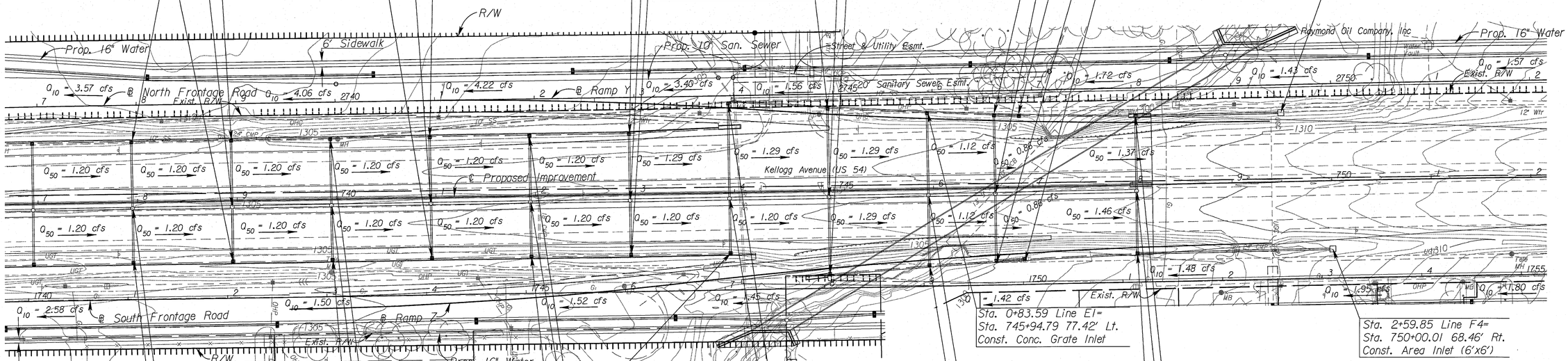
Sta. 0+54.62 Line E12=
Sta. 740+94.85 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+67.18 Line E7=
Sta. 742+94.82 61.00' Lt.
Const. Conc. Grate Inlet

Sta. 0+89.19 Line E3=
Sta. 744+94.80, 83.01' Lt.
Const. Conc. Grate Inlet

Sta. 10+60.69 Line F1=
Sta. 746+62.20 74.32' Lt.
Const. Conc. Grate Inlet
Install 18" x 25.15' RCP (E)

Sta. 10+81.15 Line F2=
Sta. 746+90.74 73.92' Rt.
Const. Conc. Grate Inlet



Sta. 0+54.62 Line E18=
Sta. 737+94.89 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line E14=
Sta. 739+94.86 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line E10=
Sta. 741+94.84 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+54.62 Line E6=
Sta. 743+94.81 60.80' Rt.
Const. Conc. Grate Inlet

Sta. 0+72.21 Line E2=
Sta. 745+94.79 78.39' Rt.
Const. Conc. Grate Inlet

Sta. 0+83.59 Line E1=
Sta. 745+94.79 77.42' Lt.
Const. Conc. Grate Inlet

Sta. 0+63.85 Line F4=
Sta. 748+04.01 70.03' Rt.
Const. Conc. Grate Inlet
Install 18" x 196.00' RCP (E)

Sta. 2+59.85 Line F4=
Sta. 750+00.01 68.46' Rt.
Const. Area Inlet (6'x6')

Sta. 18+26.35 Line E=
Sta. 0+00 Lines E17 & E18=
Sta. 737+94.89 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 30" x 99.99' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 16+26.38 Line E=
Sta. 0+00 Lines E13 & E14=
Sta. 739+94.86 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 30" x 99.99' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 14+26.40 Line E=
Sta. 0+00 Lines E9 & E10=
Sta. 741+94.84 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 66.98' RCP (N)
Install 30" x 99.99' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 12+26.43 Line E=
Sta. 0+00 Lines E5 & E6=
Sta. 743+94.81 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 95.97' RCP (N)
Install 30" x 99.99' RCP (W)
Install 18" x 54.62' RCP (S)

Sta. 10+26.45 Line E=
Sta. 0+00, Lines E1 & E2=
Sta. 745+94.79 6.18' Rt.
Const. Type P (Std. Manhole
Install 18" x 83.59' RCP (N)
Install 36" x 99.99' RCP (W)
Install 18" x 72.21' RCP (S)

Sta. 11+22.00 Line F=
Sta. 0+00 Lines F4 & F3=
Sta. 748+04.01 6.18' Rt.
Const. Type P (Std.) Manhole
Install 18" x 75.70' RCP (N)
Install 36" x 100.00' RCP (E)
Install 18" x 63.85' RCP (S)

Sta. 0+66.98 Line E13=
Sta. 739+94.86 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+66.98 Line E9=
Sta. 741+94.84 60.80' Lt.
Const. Conc. Grate Inlet

Sta. 0+95.97 Line E5=
Sta. 743+94.81 89.79' Lt.
Const. Conc. Grate Inlet

Sta. 0+75.70 Line F3=
Sta. 748+04.01 69.53' Lt.
Const. Conc. Grate Inlet
Install 18" x 145.71' RCP (E)

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

EAST KELLOGG

STORM WATER SEWER PLAN

STA. 737+00 TO STA. 752+00

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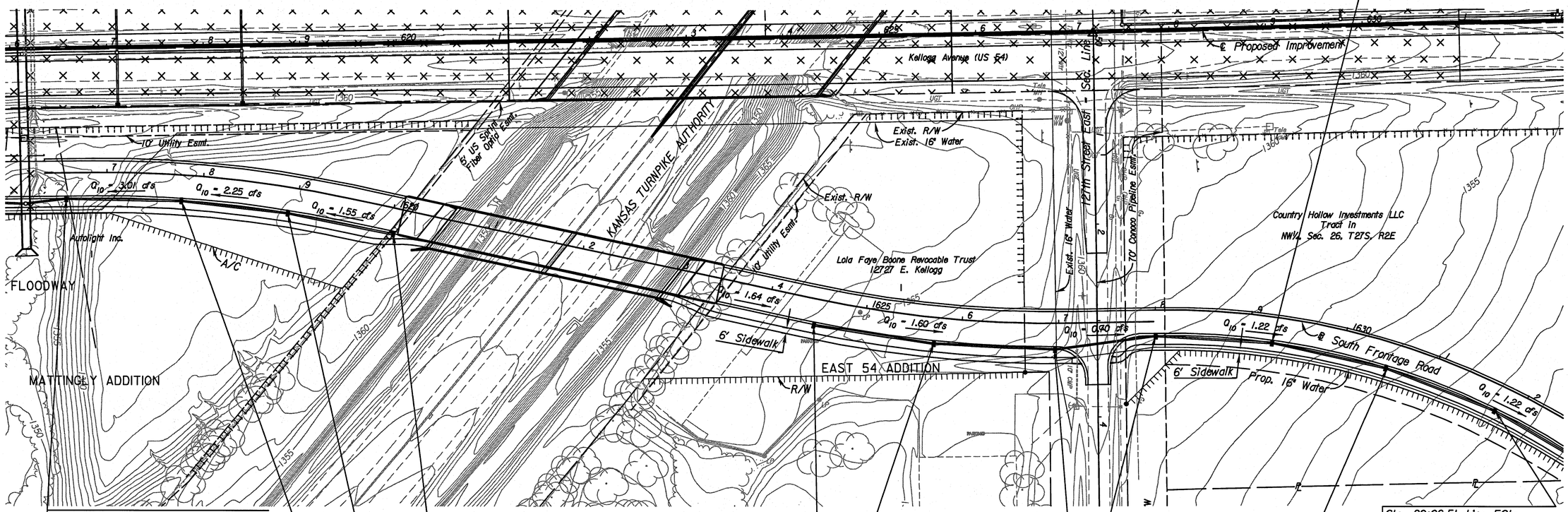
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	110	538



SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas1	Kansas Gas Service
Gas4	Conoco Phillips Pipeline Co.
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

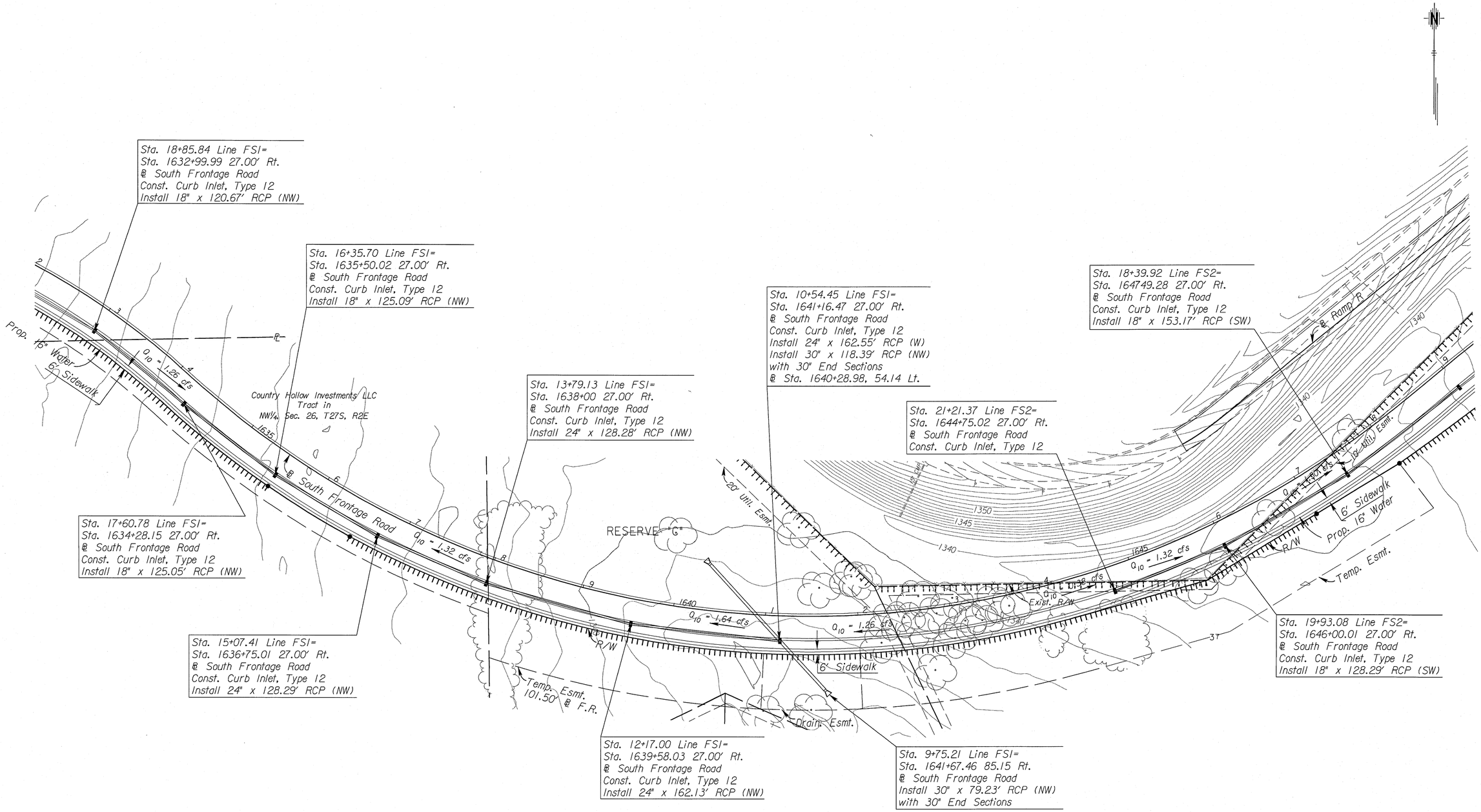
CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1616+00 TO STA. 1632+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	III	538



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1632+00 TO STA. 1649+00

III

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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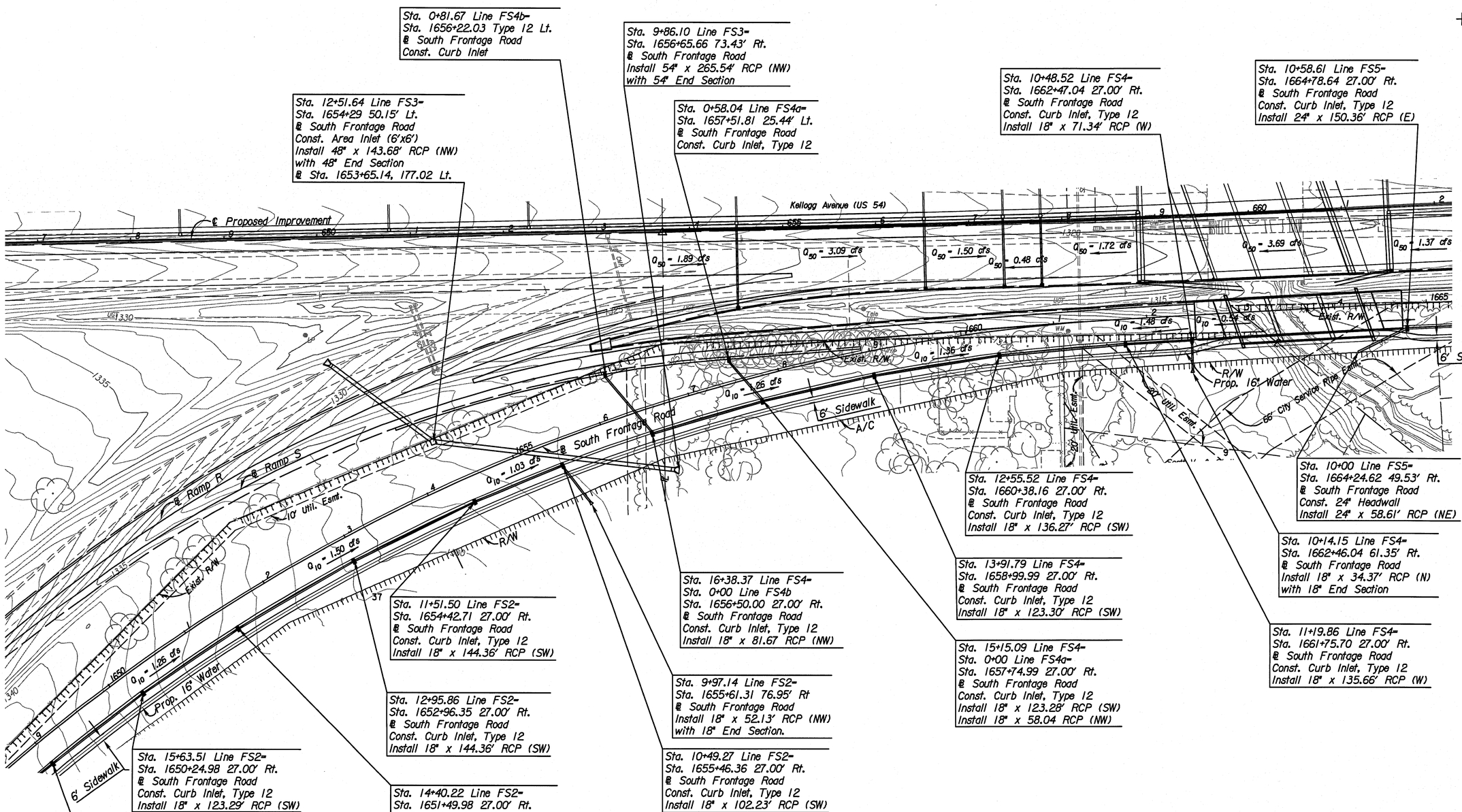
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	112	538



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Southern Star Pipeline
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1649+00 TO STA. 1665+00

112

SURV. - PLOT - CADD DES. - DR. - TR. - CKD. - APP.

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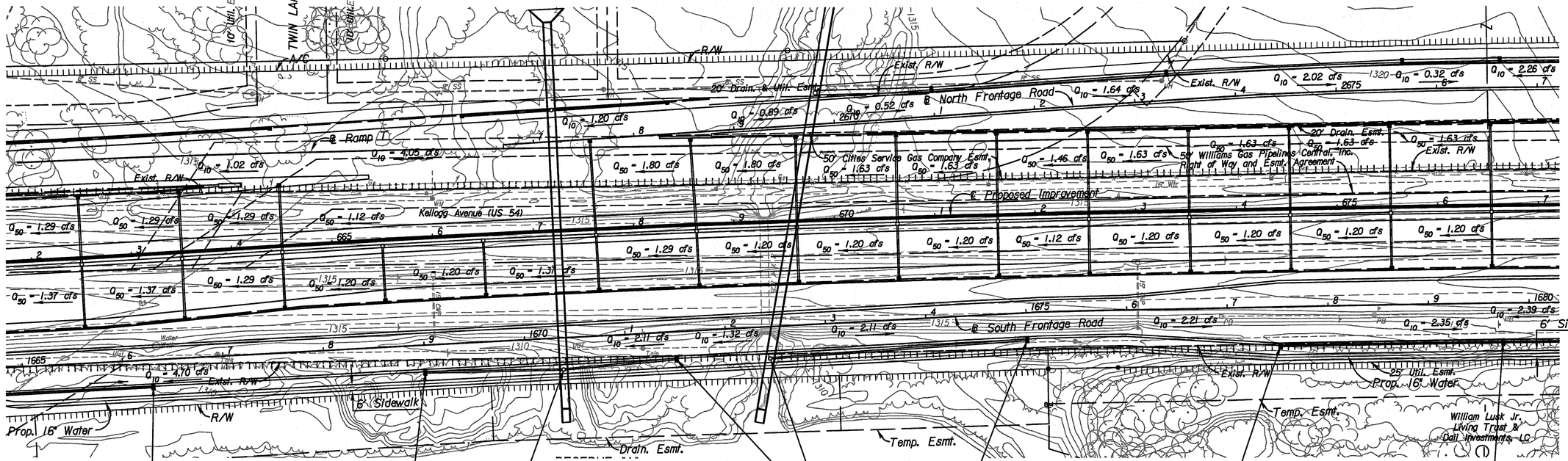
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	113	538



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See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Southern Star Pipeline
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

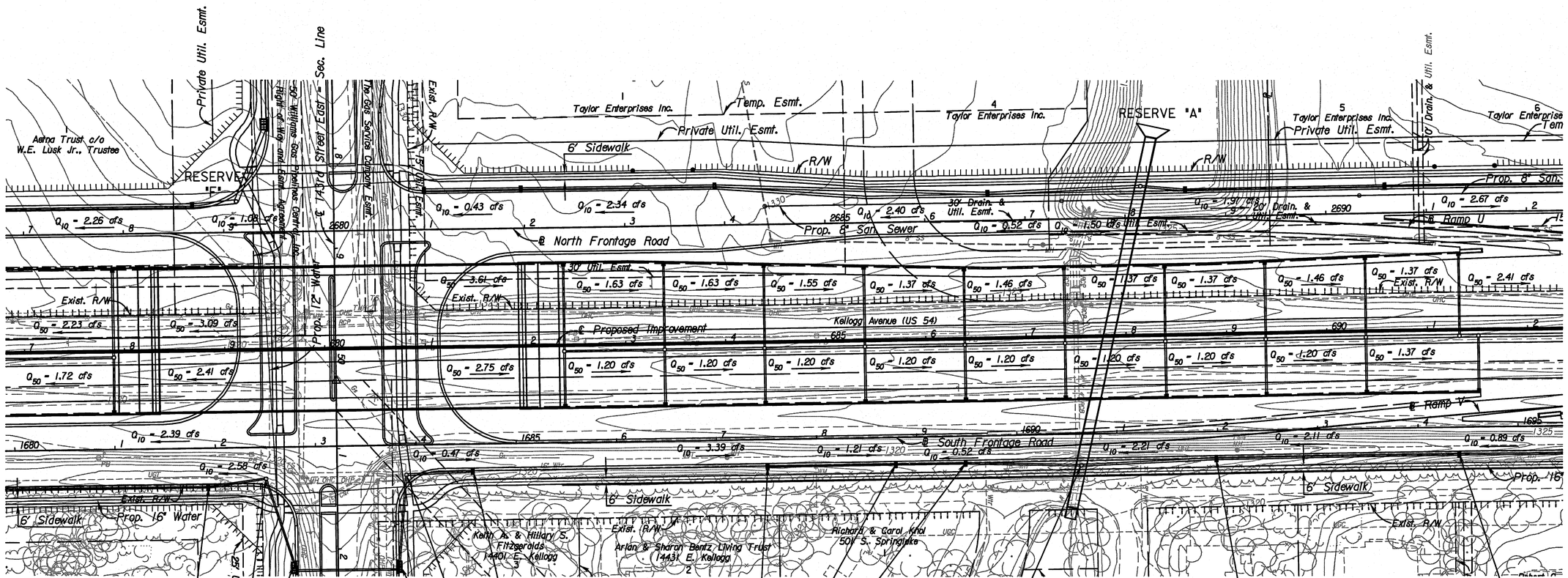
CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1665+00 TO STA. 1680+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	114	538



SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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UTILITIES

Gas_1	Kansas Gas Service
Gas_2	Southern Star Pipeline
Gas_5	Caffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

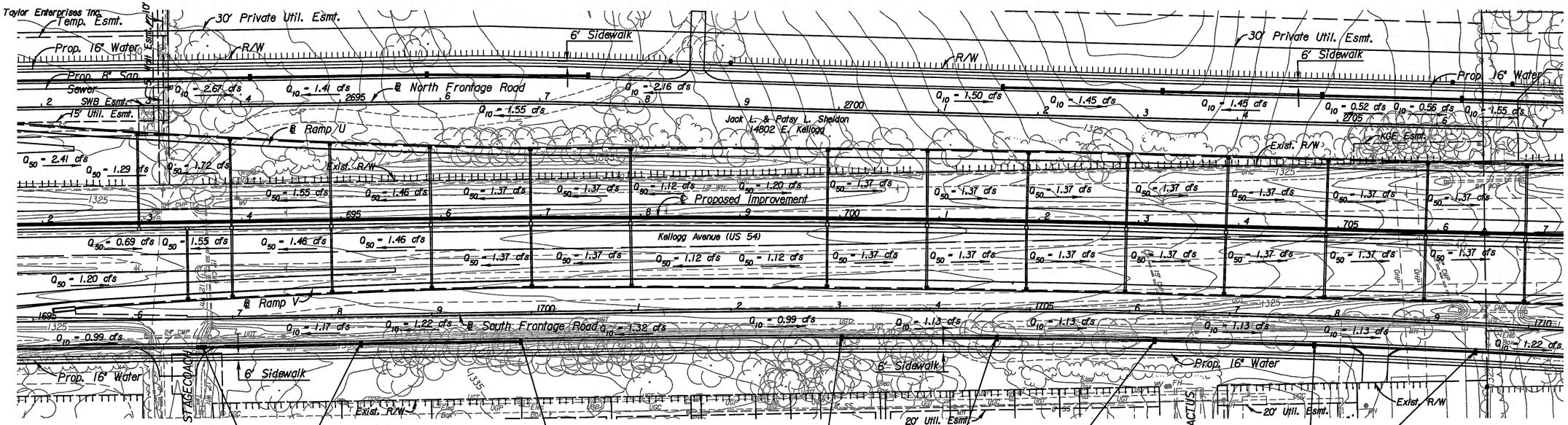
CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1680+00 TO STA. 1695+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	115	538



Sta. 6+04.68 Line FS11=
Sta. 1696+68.68 28.21' Rt.
@ South Frontage Road
Const. Driveway Inlet
Install 18" x 160.02' RCP (E)

Sta. 7+64.70 Line FS11=
Sta. 1698+28.70 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 160.01' RCP (E)

Sta. 9+24.71 Line FS11=
Sta. 1699+88.72 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12

Sta. 29+26.71 Line FS12=
Sta. 1703+11.06 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12

Sta. 27+71.07 Line FS12=
Sta. 1704+67.06 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 155.64' RCP (W)

Sta. 26+12.78 Line FS12=
Sta. 1706+25.70 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 158.29' RCP (W)

Sta. 24+52.81 Line FS12=
Sta. 1707+86.04 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 159.97' RCP (W)

Sta. 22+91.30 Line FS12=
Sta. 1709+47.91 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 161.51' RCP (W)

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1695+00 TO STA. 1710+00

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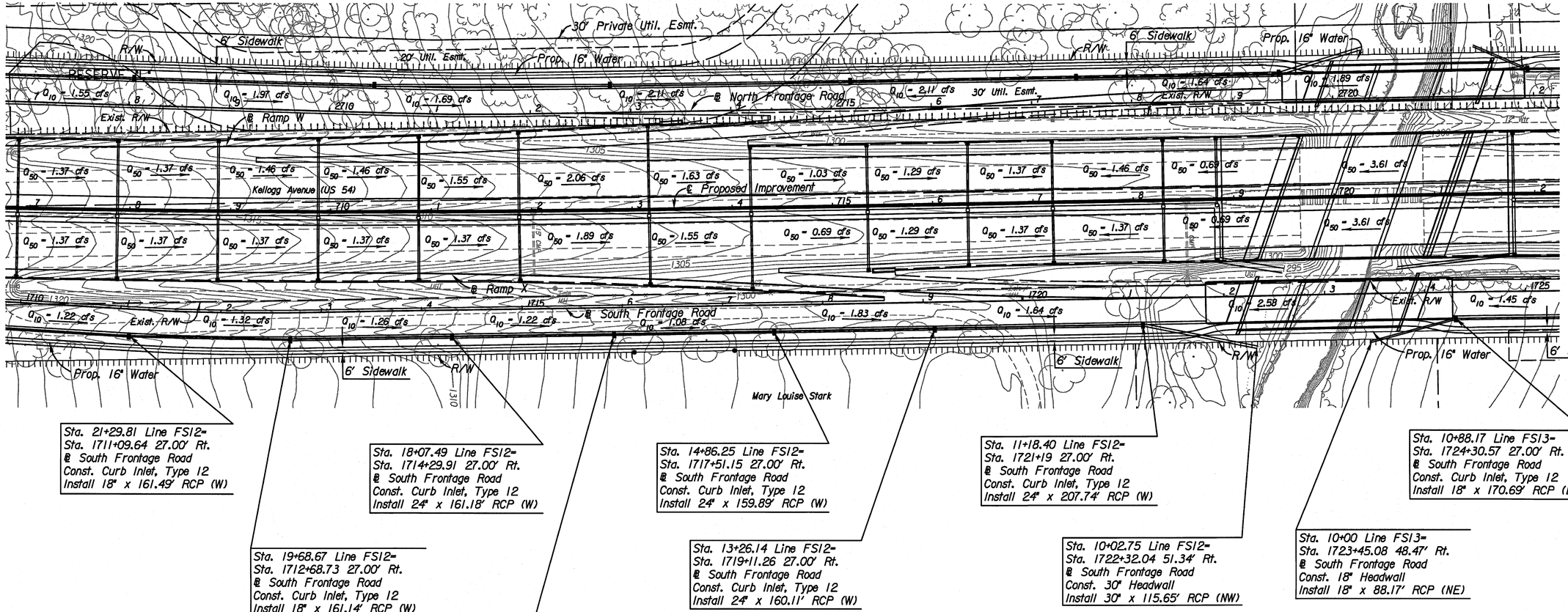
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	116	538



Sta. 21+29.81 Line FS12=
Sta. 1711+09.64 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 161.49' RCP (W)

Sta. 19+68.67 Line FS12=
Sta. 1712+68.73 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 161.14' RCP (W)

Sta. 18+07.49 Line FS12=
Sta. 1714+29.91 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 161.18' RCP (W)

Sta. 16+46.14 Line FS12=
Sta. 1715+91.26 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 161.35' RCP (W)

Sta. 14+86.25 Line FS12=
Sta. 1717+51.15 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 159.89' RCP (W)

Sta. 13+26.14 Line FS12=
Sta. 1719+11.26 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 160.11' RCP (W)

Sta. 11+18.40 Line FS12=
Sta. 1721+19 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 207.74' RCP (W)

Sta. 10+02.75 Line FS12=
Sta. 1722+32.04 51.34' Rt.
@ South Frontage Road
Const. 30" Headwall
Install 30" x 115.65' RCP (NW)

Sta. 10+88.17 Line FS13=
Sta. 1724+30.57 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 170.69' RCP (E)

Sta. 10+00 Line FS13=
Sta. 1723+45.08 48.47' Rt.
@ South Frontage Road
Const. 18" Headwall
Install 18" x 88.17' RCP (NE)

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1710+00 TO STA. 1725+00

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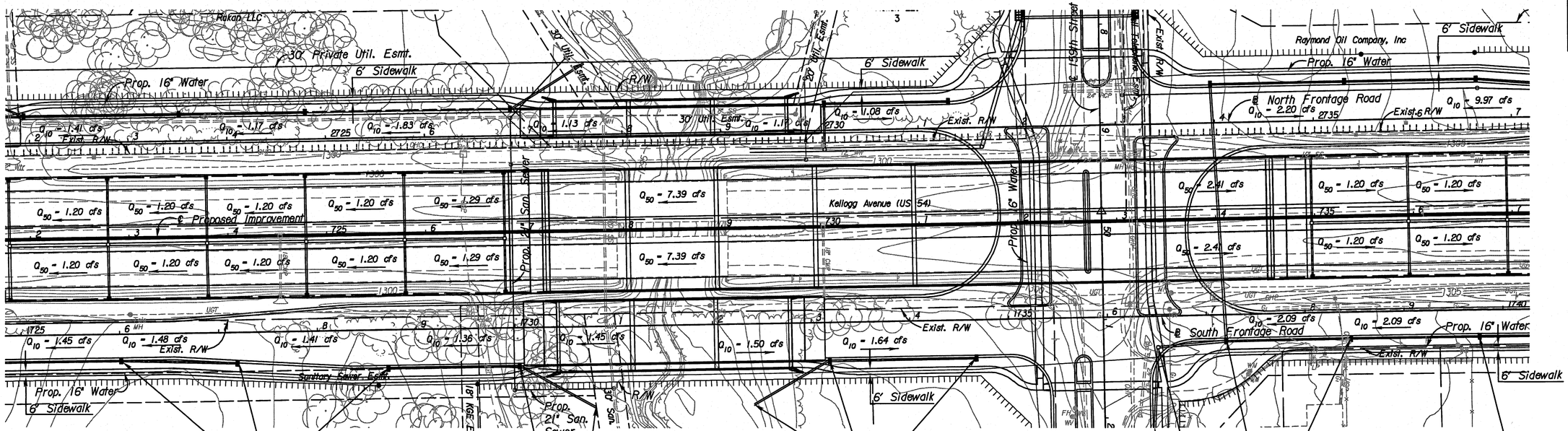
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	117	538



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1725+00 TO STA. 1740+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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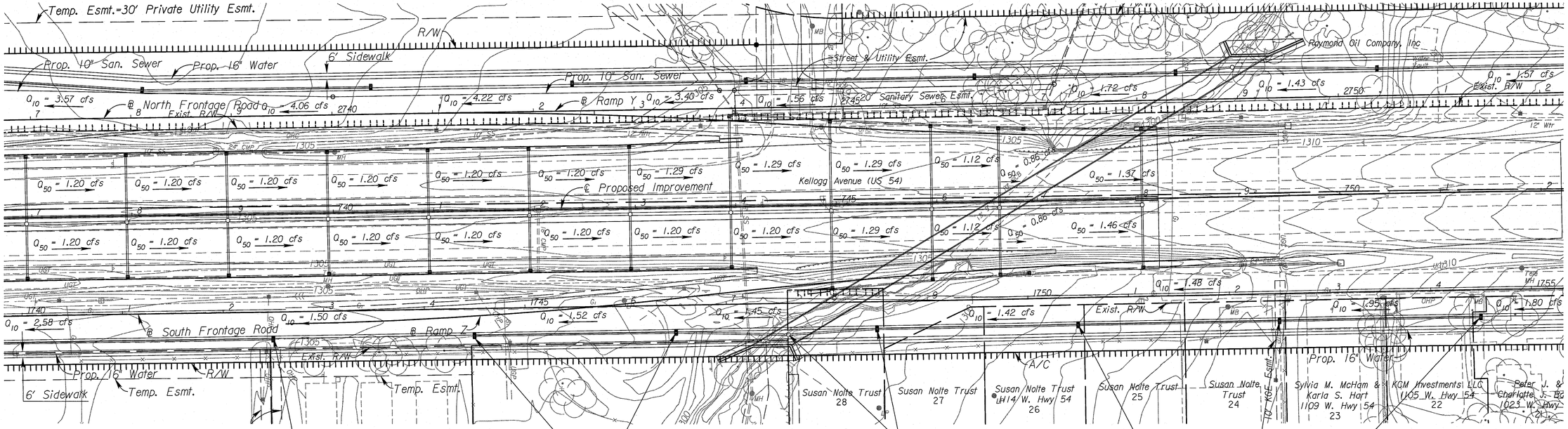
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	118	538



Sta. 26+83.56 Line FS16=
Sta. 1742+49.54 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12

Sta. 13+11.97 Line FS17=
Sta. 1744+49.54 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12

Sta. 11+11.97 Line FS17=
Sta. 1746+49.54 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 200.00' RCP (W)

Sta. 10+00 Line FS17=
Sta. 10+00 Line FS18=
Sta. 1747+61.43 31.31 Rt.
@ South Frontage Road
Const. Type P (Std.) Manhole Stack
Install 18" x 111.97' RCP (W)
Install 18" x 88.22' RCP (E)

Sta. 10+88.22 Line FS18=
Sta. 1748+49.54 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 200.00' RCP (E)

Sta. 12+88.22 Line FS18=
Sta. 1750+49.54 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 200.00' RCP (E)

Sta. 14+88.22 Line FS18=
Sta. 1752+49.54 27.00'
@ South Frontage Road
Const. Curb Inlet, Type 12 Rt.
Install 18" x 200.00' RCP (E)

Sta. 16+88.22 Line FS18=
Sta. 1754+49.54 27.00' Rt.
@ South Frontage Road
Const. Curb Inlet, Type 12

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

SOUTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 1740+00 TO STA. 1743+00

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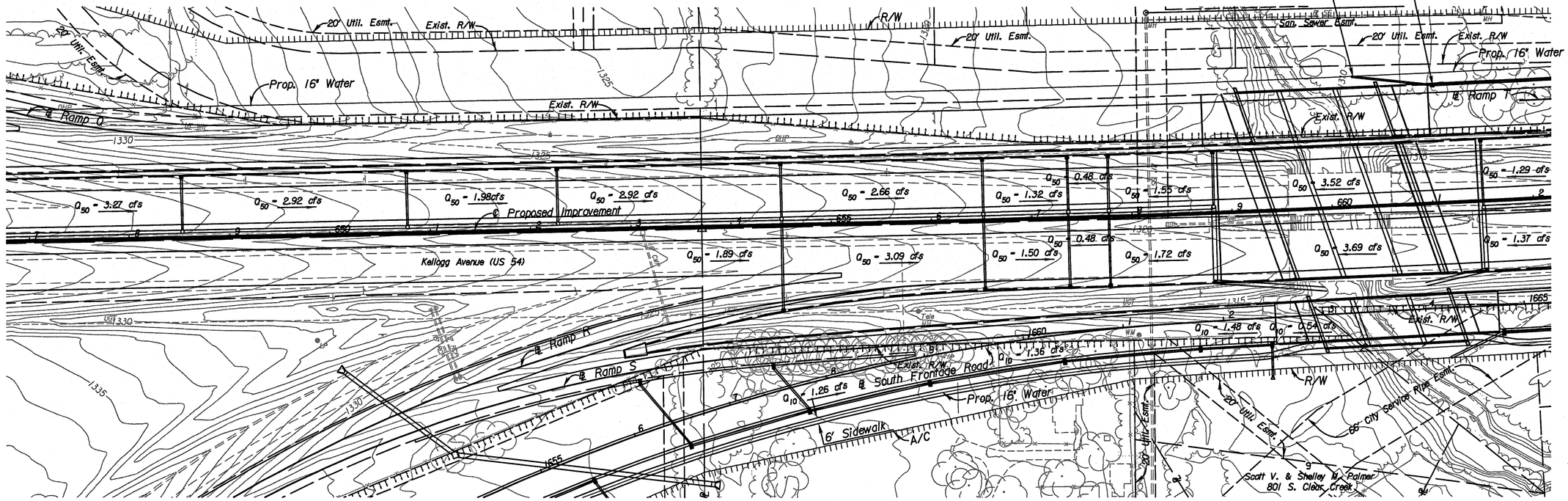
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	119	538

Sta. 10+80.72 Line FNI-
Sta. 661+05.25 117.49' Lt.
Const. Conc. Gutter Inlet
Install 18" x 133.61' RCP (E)

Sta. 10+00 Line FNI-
Sta. 660+24.90 129.77' Lt.
Const. 18" Headwall
Install 18" x 80.72' RCP (SE)



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Southern Star Pipeline
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 647+00 TO STA. 662+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	120	538

Sta. 0+86.42 Line FN2=
Sta. 666+35.55 118.98' Lt.
Const. Conc. Gutter Inlet

Sta. 14+18.90 Line FN1=
Sta. 664+45.38 117.55 Lt.
Const. Conc. Gutter Inlet

Sta. 12+14.33 Line FN1=
Sta. 662+39.79 117.59' Lt.
Const. Conc. Gutter Inlet
Install 18" 204.57' RCP (E)

Sta. 1+18.28 Line FN3=
Sta. 2668+35.59 31.55' Lt.
@ North Frontage Road
Const. Conc. Gutter Inlet

Sta. 0+00 Line FN2=
Sta. 0+00 Line FN3=
Sta. 2667+19.75 31.51' Lt.
@ North Frontage Road
Const. Type P (Std.) Manhole Stack
Install 18" x 86.42' RCP (E)
Install 18" x 118.28' RCP (W)

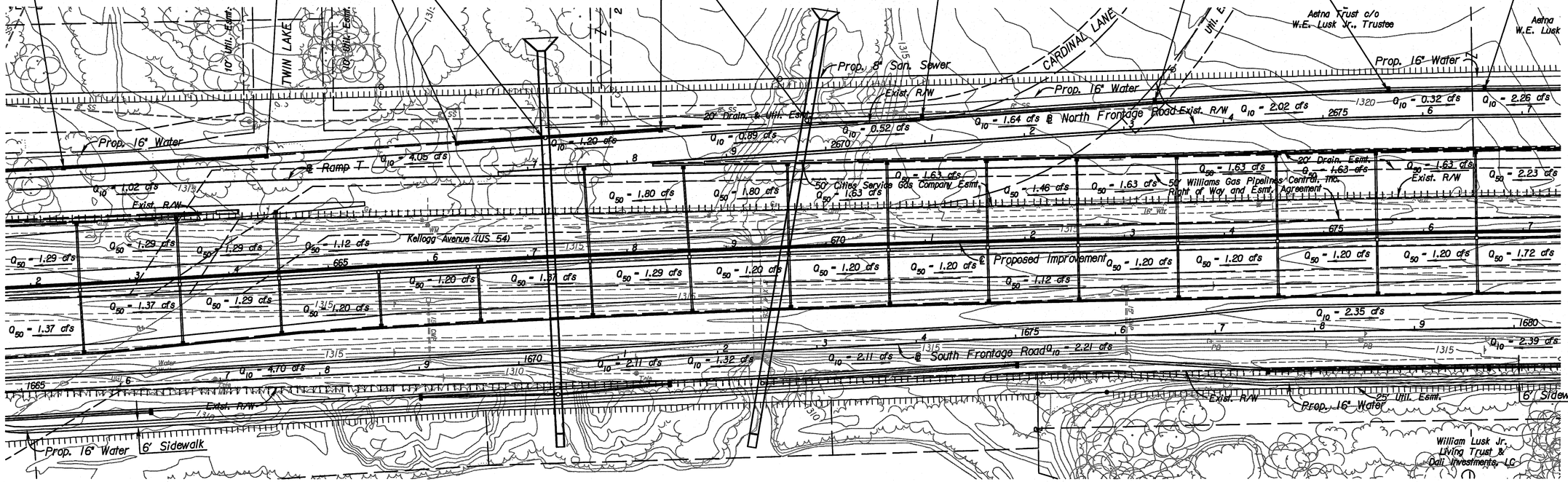
Sta. 0+00 Line FN4=
Sta. 2669.83.10 31.44' Lt.
@ North Frontage Road
Const. Type P (Std.) Manhole Stack
Install 54" x 115.88' RCP (E)

Sta. 1+15.88 Line FN4=
Sta. 2670+98.89 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 54" x 234.00' RCP (E)

Sta. 3+49.88 Line FN4=
Sta. 2673+32.89 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 48" x 234.88' RCP (E)

Sta. 5+84.76 Line FN4=
Sta. 2675+66.55 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 48" x 96.57' RCP (E)

Sta. 6+81.33 Line FN4=
Sta. 2676+63 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 48" x 206.02' RCP (E)



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas2	Southern Star Pipeline
Gas5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 662+00 TO STA. 677+00

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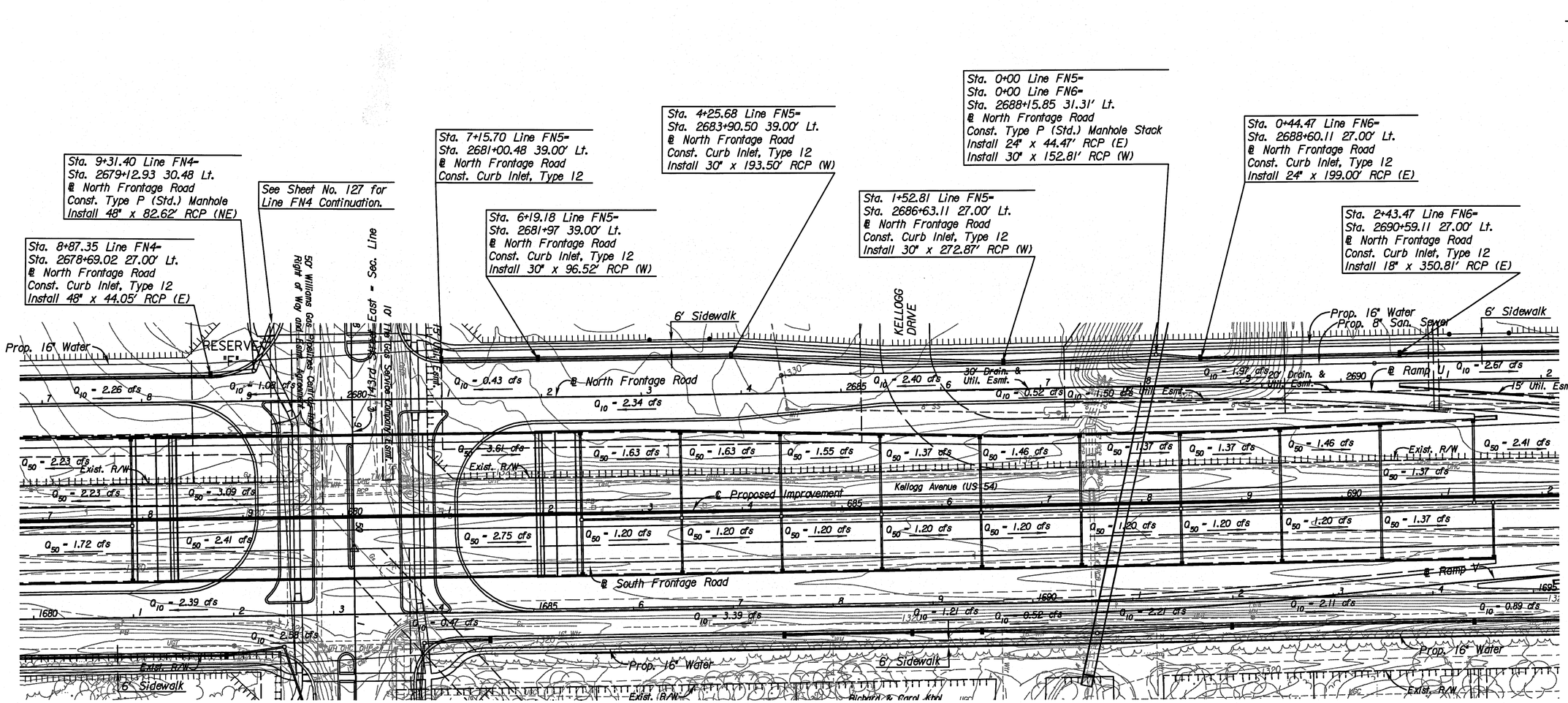
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	121	538



UTILITIES	
Gas1	Kansas Gas Service
Gas2	Southern Star Pipeline
Gas5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

CITY OF WICHITA

NORTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 2677+00 TO STA. 2692+00

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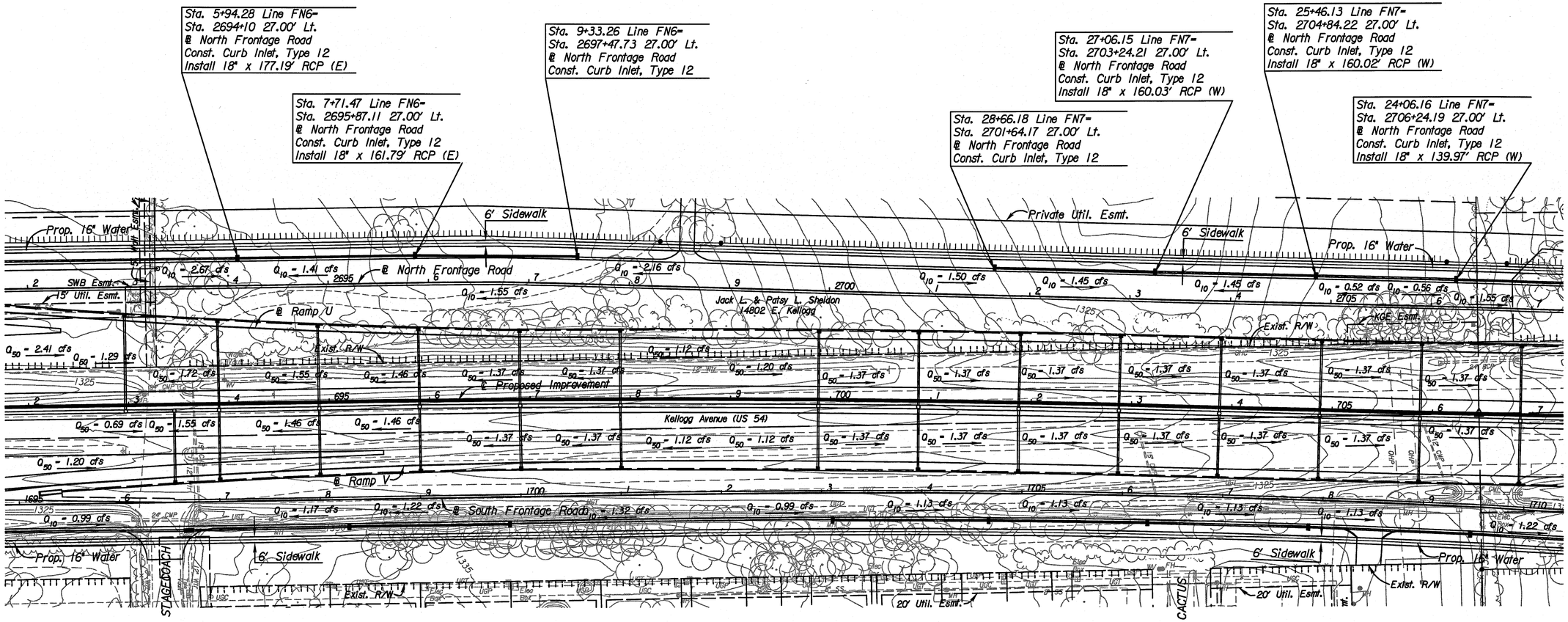
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	122	538



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 2692+00 TO STA. 2707+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	123	538

Sta. 19+86.31 Line FN7=
Sta. 2710+44.04 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 239.90' RCP (W)

Sta. 22+26.21 Line FN7=
Sta. 2708+04.14 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 179.95' RCP (W)

Sta. 17+51.97 Line FN7=
Sta. 2712+79.64 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 234.34' RCP (W)

Sta. 15+11.99 Line FN7=
Sta. 2715+19.63 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 239.98' RCP (W)

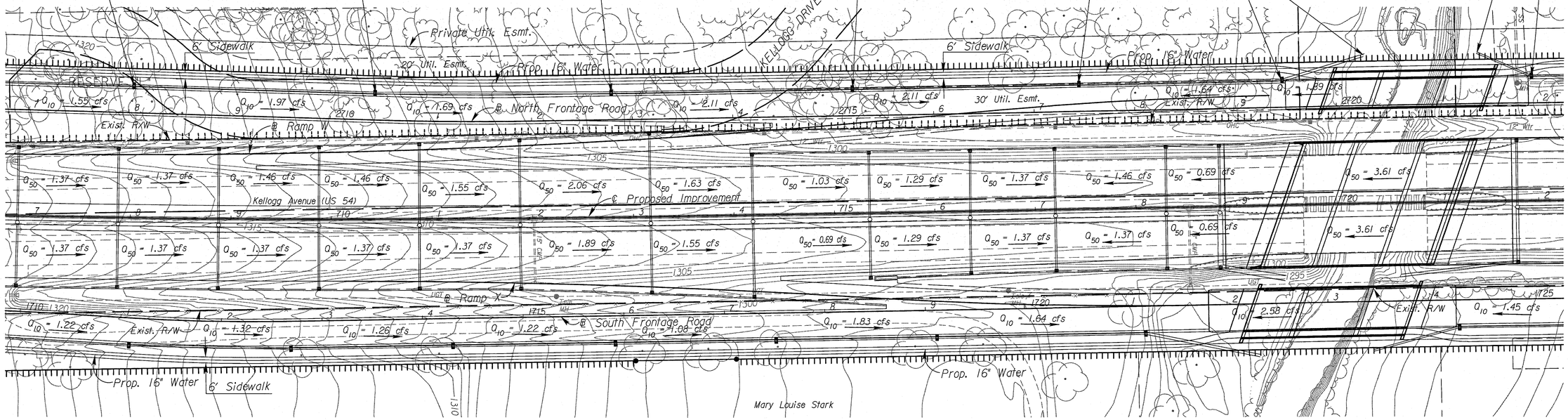
Sta. 12+86.70 Line FN7=
Sta. 2717+45 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 24" x 225.29' RCP (W)

Sta. 10+84.95 Line FN7=
Sta. 2719+46.66 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 30" x 201.75' RCP (W)

Sta. 10+00 Line FN7=
Sta. 2720+28.37 50.09' Lt.
@ North Frontage Road
Const. 30" Headwall
Install 30" x 84.91' RCP (SW)

Sta. 10+00 Line FN8=
Sta. 2721+40.54 50.56' Lt.
@ North Frontage Road
Const. 18" Headwall
Install 18" x 58.83' RCP (SE)

Sta. 10+58.83 Line FN8=
Sta. 2721+94.35 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 157.27' RCP (E)



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 2707+00 TO STA. 2722+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	124	538

Sta. 13+44.10 Line FN8-
Sta. 2724+79.62 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12

Sta. 12+16.10 Line FN8-
Sta. 2723+51.62 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 128.00' RCP (E)

Sta. 10+00 Line FN10-
Sta. 2729+29.61 19.18' Rt.
@ North Frontage Road
Const. 42" Headwall
Install 42" x 75.51' RCP (E)

Sta. 10+00 Line FN9-
Sta. 2727+69.59 71.96' Lt.
@ North Frontage Road
Const. 18" Headwall
Install 18" x 88.06' RCP (SW)

Sta. 10+88.06 Line FN9-
Sta. 2726+94.07 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12

Sta. 10+75.51 Line FN10-
Sta. 0+00 Line FN10a-
Sta. 2730+05.12 19.22' Rt.
@ North Frontage Road
Const. Type P (Std.) Manhole
Install 42" x 159.33' RCP (E)
Install 18" x 46.22' RCP (N)

Sta. 0+46.22 Line FN10a-
Sta. 2730+05.20 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 126.29' RCP (E)

Sta. 1+72.50 Line FN10a-
Sta. 2731+31.31 27.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12

Sta. 12+34.84 Line FN10-
Sta. 2731+64.45 19.48' Rt.
@ North Frontage Road
Const. Type P (Std.) Manhole
Install 42" x 136.02' RCP (NE)

Sta. 0+00 Line FN11-
Sta. 12+61.47 Line FS16e-
Sta. 2733+96.52 39.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 135.47' RCP (E)

Sta. 2+68.48 Line FN11-
Sta. 2736+65 39.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 147.35' RCP (SE)

Sta. 1+35.48 Line FN11-
Sta. 2735+32 39.00' Lt.
@ North Frontage Road
Const. Curb Inlet, Type 12
Install 18" x 133.00' RCP (E)

See Sheet No. 129 for
Line FN10 Continuation.

Rakan LLC
30' Private Util. Esmt.
6' Sidewalk
Prop. 16" Water
Exist. R/W
30' Util. Esmt.
Prop. 8" San. Sewer
Prop. 16" Water
Sec. Line
59th Street East
Exist. R/W
Raymond Oil Company, Inc
Prop. 10" San. Sewer
Prop. 16" Water
@ North Frontage Road
Exist. R/W
Kellogg Avenue (US 54)
Prop. 16" Water
@ South Frontage Road
Exist. R/W
6' Sidewalk
Prop. 16" Water
Sanitary Sewer Esmt.
Mary Louise Stark
Temp. Esmt.
18" RGE Esmt.
50' San. Sewer Esmt.
R/W
Drain. Esmt.
Fireworks Leasing LLC
1611 W. Ledgerwood

Q_{10} = 1.41 cfs
Q_{10} = 1.17 cfs
Q_{10} = 1.83 cfs
Q_{10} = 1.13 cfs
Q_{10} = 1.12 cfs
Q_{10} = 1.08 cfs
Q_{10} = 9.97 cfs
Q_{10} = 2.20 cfs
Q_{50} = 1.20 cfs
Q_{50} = 1.29 cfs
Q_{50} = 7.39 cfs
Q_{50} = 2.41 cfs
Q_{50} = 2.41 cfs
Q_{10} = 1.45 cfs
Q_{10} = 1.48 cfs
Q_{10} = 1.41 cfs
Q_{10} = 1.36 cfs
Q_{10} = 1.45 cfs
Q_{10} = 1.50 cfs
Q_{10} = 1.64 cfs
Q_{10} = 2.09 cfs
Q_{10} = 2.09 cfs

℄ Proposed Improvement

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 2722+00 TO STA. 2737+00

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.

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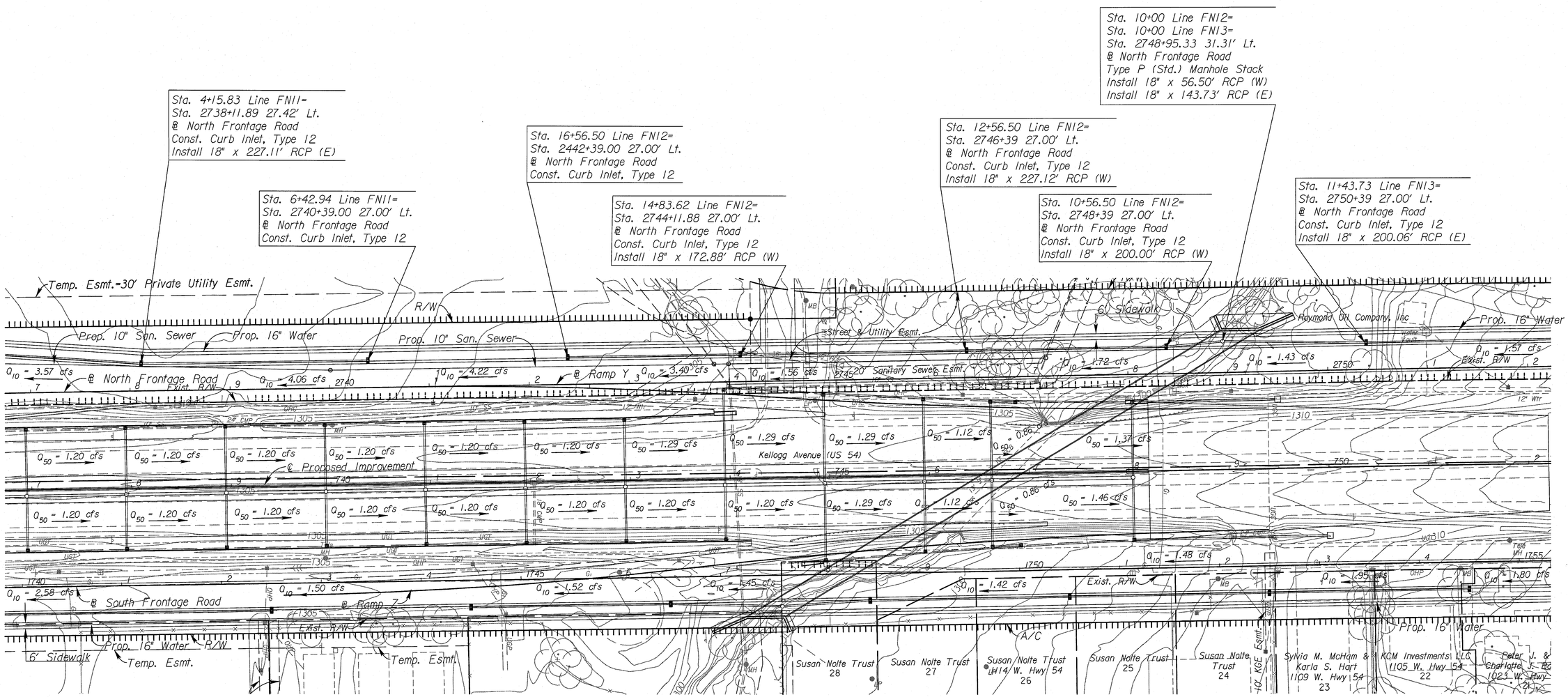
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	125	538



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 2737+00 TO STA. 2740+00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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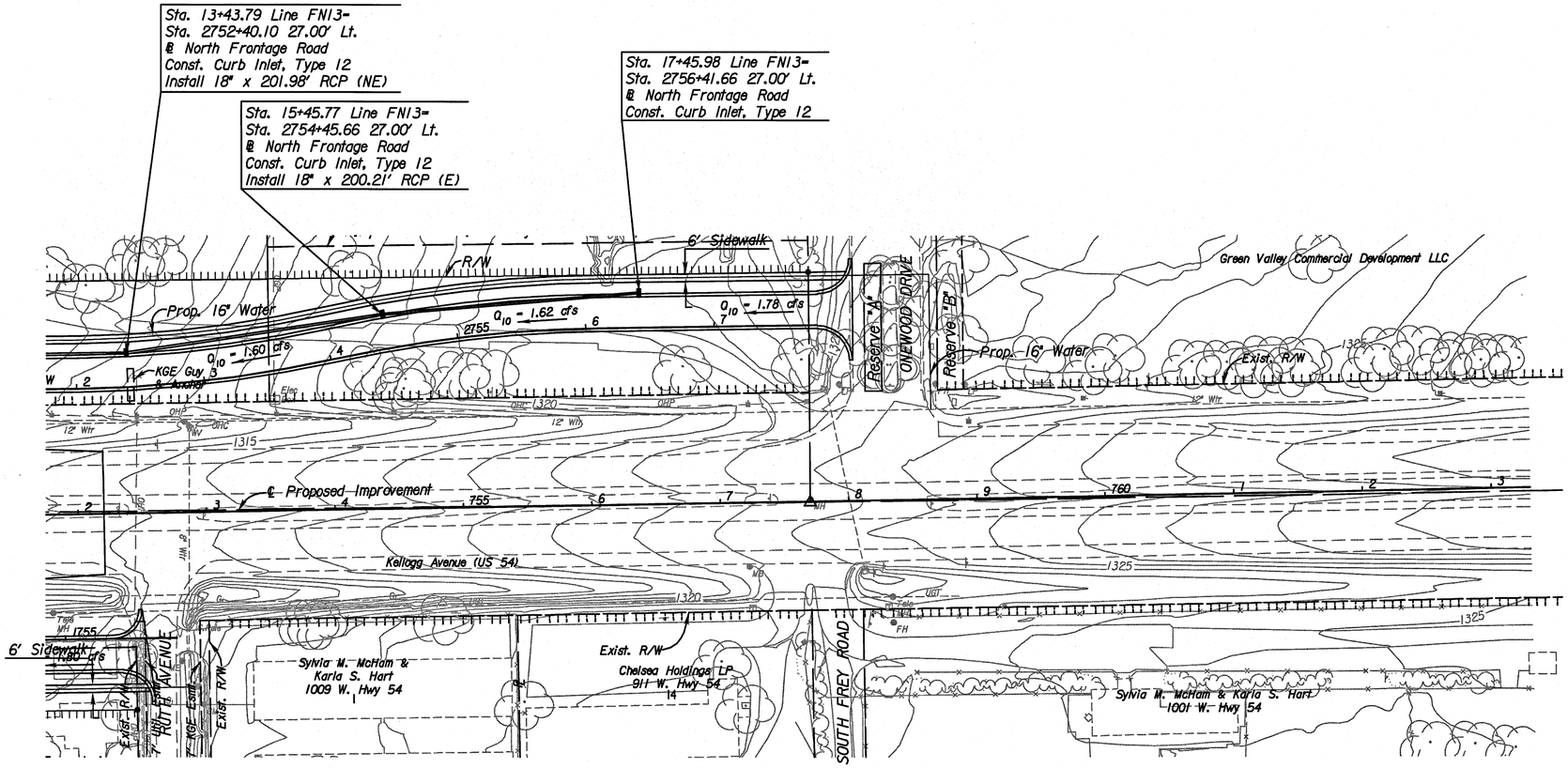
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	126	538



See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

CITY OF WICHITA

NORTH FRONTAGE ROAD

STORM WATER SEWER PLAN

STA. 752+00 TO STA. 763+00

126

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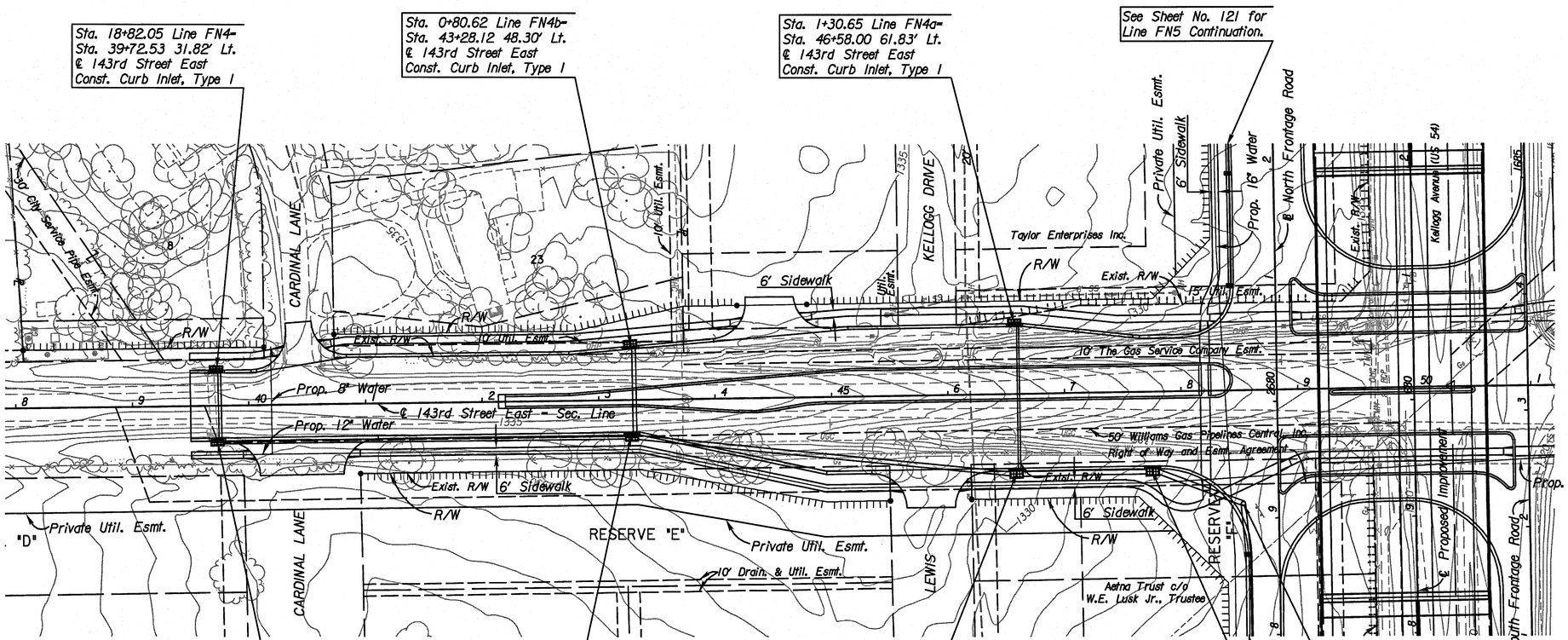
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	127	538



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UTILITIES

Gas1	Kansas Gas Service
Gas2	Southern Star Pipeline
Gas5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

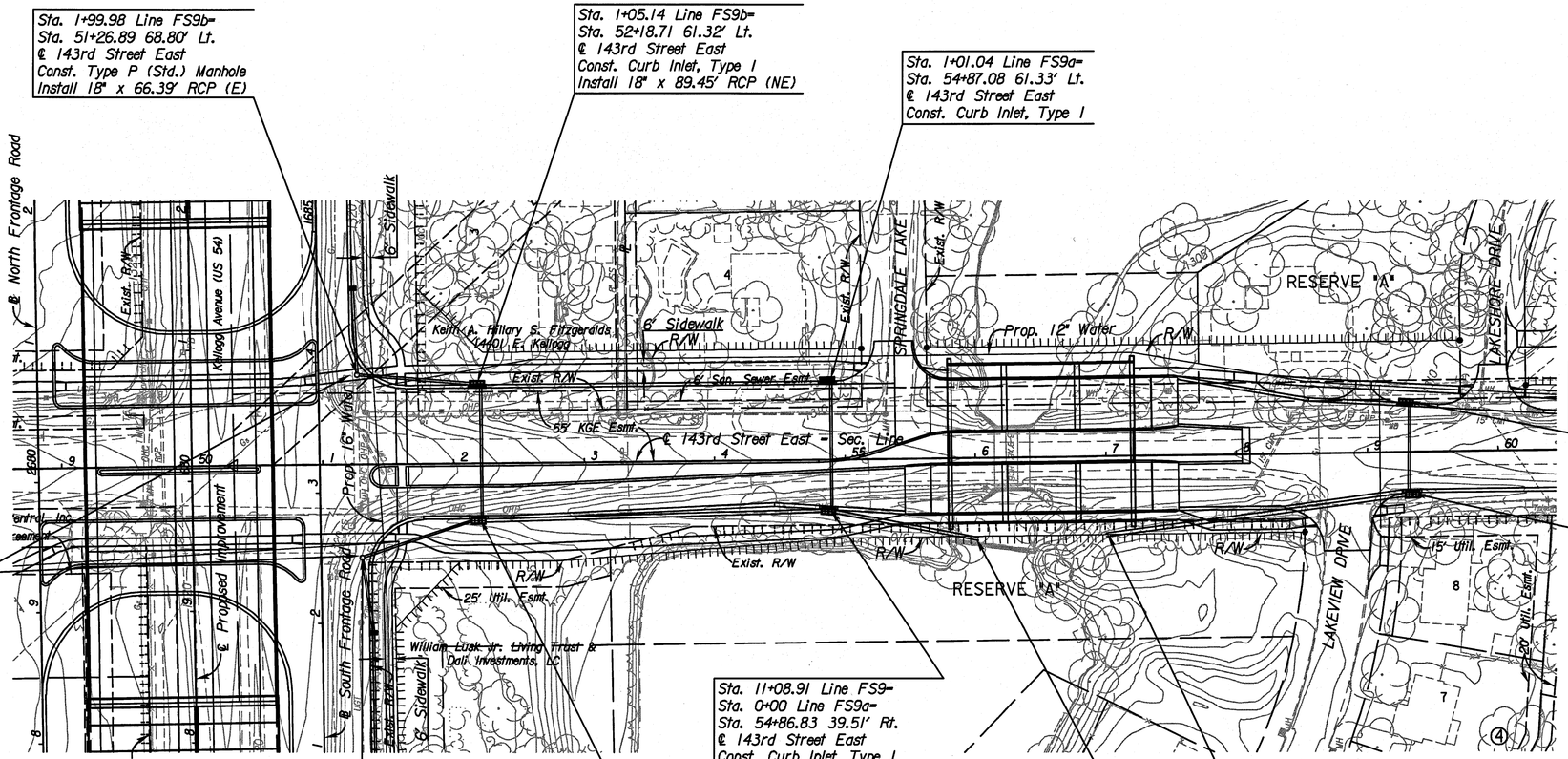
CITY OF WICHITA

143RD STREET EAST

STORM WATER SEWER PLAN

STA. 38+00 TO STA. 50+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	128	538



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UTILITIES

Gas1	Kansas Gas Service
Gas2	Southern Star Pipeline
Gas5	Coffeyville Resources
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

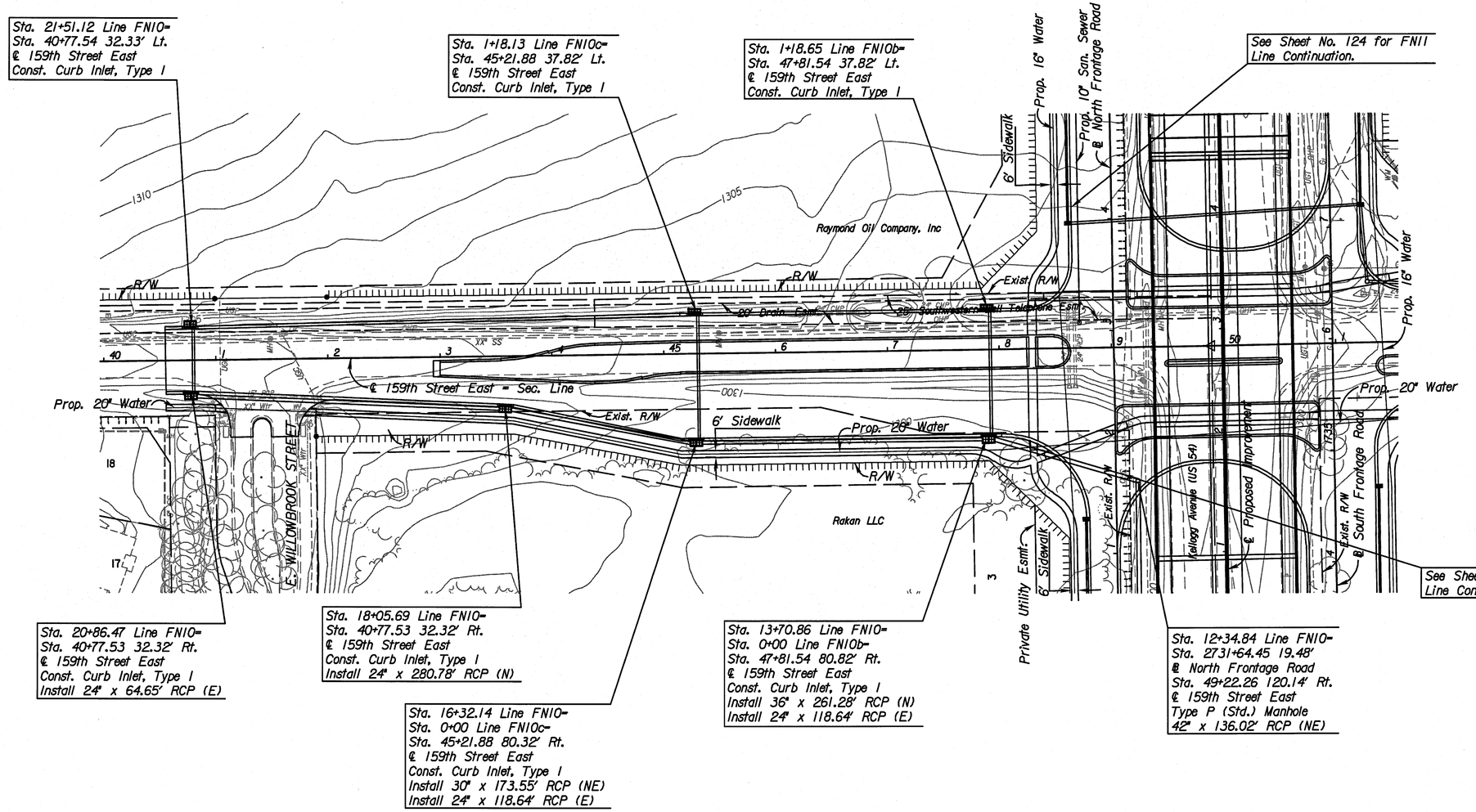
CITY OF WICHITA

143RD STREET EAST

STORM WATER SEWER PLAN

STA. 50+00 TO STA. 60+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	129	538



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See Sh. No's. 132-135 for San. Sewer Plans.
See Sh. No's. 136-158 for Water Plans.

UTILITIES

Gas	Kansas Gas Service
Power	Westar
Sanitary Sewer	Wichita Water & Sewer
Telephone	AT&T
Water	Wichita Water & Sewer

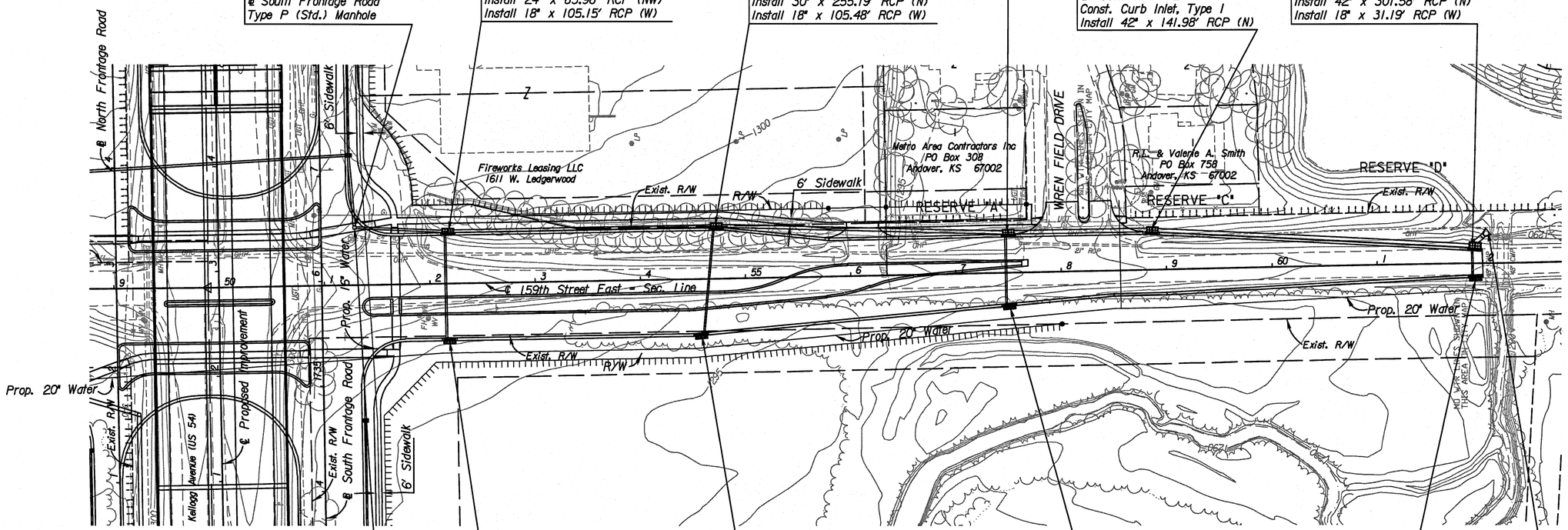
CITY OF WICHITA

159TH STREET EAST

STORM WATER SEWER PLAN

STA. 40+55.23 TO STA. 50+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	130	538


Sta. 20+84.73 Line FS16-
Sta. 51+29.43 54.70' Lt.
℄ 159th Street East
Sta. 1736+50.88 31.76' Rt.
℄ South Frontage Road
Type P (Std.) Manhole
Sta. 19+96.29 Line FS16-
Sta. 0+00 Line FS16d-
Sta. 52+15.25 49.83' Lt.
℄ 159th Street East
Const. Curb Inlet, Type I
Install 24" x 85.96' RCP (NW)
Install 18" x 105.15' RCP (W)
Sta. 17+41.10 Line FS16-
Sta. 0+00 Line FS16c-
Sta. 54+70.44 50.33' Lt.
℄ 159th Street East
Const. Curb Inlet, Type I
Install 30" x 255.19' RCP (N)
Install 18" x 105.48' RCP (W)
Sta. 14+63.38 Line FS16-
Sta. 0+00, Line FS16b-
Sta. 57+47.89 38.33' Lt.
℄ 159th Street East
Const. Curb Inlet, Type I
Install 36" x 277.72' RCP (N)
Install 18" x 71.32' RCP (W)
Sta. 13+21.40 Line FS16-
Sta. 0+00 Line FS16a-
Sta. 61+90.69 16.51' Lt.
℄ 159th Street East
Const. Curb Inlet, Type I
Install 42" x 141.98' RCP (N)
Sta. 10+19.82 Line FS16-
Sta. 0+00 Line FS16a-
Sta. 61+90.69 16.51' Lt.
℄ 159th Street East
Const. Curb Inlet, Type I
Install 42" x 301.58' RCP (N)
Install 18" x 31.19' RCP (W)
℄ North Frontage Road
8' Sidewalk
Fireworks Leasing LLC
1611 W. Ledgerwood
Exist. R/W
R/W
6' Sidewalk
Metro Area Contractors Inc
PO Box 308
Andover, KS 67002
WREN FIELD DRIVE
R.L. & Valerie A. Smith
PO Box 758
Andover, KS 67002
RESERVE "A"
RESERVE "C"
RESERVE "D"
Exist. R/W
℄ 159th Street East - Sec. Line
Prop. 15" Water
Prop. 20" Water
Exist. R/W
R/W
Prop. 20" Water
Exist. R/W
Prop. 20" Water
Exist. R/W
℄ Proposed
Kellogg Avenue (US 54)
Exist. R/W
℄ South Frontage Road
6' Sidewalk
1736
1300
1255
1262
1265
1270
1275
1280
1285
1290
1295
1300
1305
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	131	538

SITE DATA							HYDROLOGY				HYDRAULICS	
DRAINAGE STRUCTURE NUMBER	LOCATION STATION	DRAINAGE AREA NUMBER	DRAINAGE AREA ACREAGE	RECURRENCE INTERVAL YEARS	A. H. W. ELEVATION FEET	REMARKS	METHOD	DATA	Q_{cfs}	REMARKS	H. W. ELEVATION FEET	REMARKS
MEADOW POND 1	667+23.77	WEST BOX	54	50	ELEVATED ROAD-	1-7X4 RCB FL-1312.0	HEC-HMS	TL = 46.6 min. CN-88	Q50 141	NO DETENTION EFFECTS	1315.9	(SBT4) HW-HY8
	667+23.77	7			WAY DITCH PLUG	L=386' FL-1307.4						5943.33
	178.20 RT				E = 1317.50							
	667+23.77											
	208.06 LT											
MEADOW POND 2	669+59.30	EAST BOX	60	50	ELEVATED ROAD-	1-8X4 RCB FL-1311.0	HEC-HMS	TL = 24.84 CN-89	Q50 243	NO DETENTION EFFECTS	1316.4	(SBT4) HW-HY8
	669+20.54	8			WAY DITCH PLUG	L=424' FL-1307.0						5943.33
	186.99 RT				W = 1317.50							
	670+05.46											
	228.32 LT											
PARK EAST DETENTION	687+82.78		37	50	1325.53	1-10x3 RCB FL-1320.0	HEC-HMS	TL = 9 min. CN-87	Q50 246	DETENTION STORAGE DESIGN CULVERT Q=130 cfs	1323.24	(SBT4) HY8
	687+43.69	9				L=379' FL-1311.0				REQUIRED STORAGE AT H.W. = 3.96 ac ft		OVERFLOW ELEV.
	171.41 RT											FOR RECEIVING POND
	688+27.93											=1312.2+/-
	197.96 LT											
GREEN VALLEY TRIB.	746+72.82		577	50	1308.19	1-20x10 RCB FL-1297.0	HEC-HMS	TL = 18.36 min. CN-84	Q50 1475	DETENTION STORAGE DESIGN CULVERT Q=1651 cfs	1306.85	
	744+31.72	12				L=559' FL-1295.0				REQUIRED STORAGE AT H.W. = 54.3 ac ft		
	140.10 RT											
	749+15.06											
	140.77 LT											
FR E	1655+15.35	FR1655 K9655	18.5 ac	50	1325.58	1-54" RCP FL-1318.8 US	HEC-HMS	TL = 5.2 min. CN-84	Q50 148	RECEIVES FLOW FROM RAMP P & R	1325.58	HY8 ANALYSIS Q50 = HW
	1656+65.66	4				L=266' FL-1317.8 DS						
	73.43 RT					(L INCLUDES LENGTH OF 1-END SECTIONS)						
	1654+29.00											
	50.15 LT											
FR W	1640+89.79	K96SW	18.8 ac	50	1342.66	30" RCP FL-1336.2 US	HEC-HMS	TL = 3.4 min. CN-86	Q50 157	DETENTION STORAGE DESIGN CULVERT Q=41 cfs	1342.05	HEC-HMS DETENTION W/ HY8 RATING
	1641+67.47	1				L=198' FL-1335.5 DS				REQUIRED STORAGE AT H.W. = 2.2 ac ft		
	85.15 RT					(L INCLUDES LENGTH OF 2-END SECTIONS)						
	1640+28.98											
	54.14 LT											
RAMP R	10650+50.00	K96SE2	12.8 ac	50	1328.60	1-48" RCP FL-1320.8 US	HEC-HMS	TL = 3 min. CN-97	Q50 106	RECEIVES FLOW FROM RAMP P	1326.67	HY8 USING HMS Q50
	10650+86.04	3				L=144' FL-1319.3 DS						
	14.29 RT					(L INCLUDES LENGTH OF 1-END SECTIONS)						
	10650+17.07											
	64.76 LT											
RAMP P	10644+50.00	K96SEP	6.1 ac	50	1337.21	1-36" RCP FL-1332.9 US	HEC-HMS	TL = 3 min. CN-97	Q50 58	DETENTION STORAGE DESIGN CULVERT Q=46 cfs	1336.12	HEC-HMS DETENTION W/ HY8 RATING
	10644+50.00	2				L=87' FL-1332.5 DS				REQUIRED STORAGE AT H.W. = 0.30 ac ft		
	29.25 RT					(L INCLUDES LENGTH OF 2-END SECTIONS)						
	10644+50.00											
	57.25 LT											
RAMP Q	20644+50.00	K96 NE Q	4.9 ac	50	1334.73	1-36" RCP FL-1331.4 US	HEC-HMS	TL = 3 min. CN-97	Q50 46	DETENTION STORAGE DESIGN CULVERT Q=38 cfs	1334.67	HEC-HMS DETENTION W/ HY8 RATING
	20644+50.00	5				L=97' FL-1330.6 DS				REQUIRED STORAGE AT H.W. = 0.19 ac ft.		
	52.42 RT					(L INCLUDES LENGTH OF 2-END SECTIONS)		24-HR 50-YR PRECIP=7.02"				
	20644+50.00							ALL PIPES/CULVERTS				
	44.42 LT											

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	CKD.	-	APP.	-

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CITY OF WICHITA

EAST KELLOGG

DRAINAGE DATA SHEET

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	132	538

(MH 1-1) N E

Sta. 10+00.00 Line 1=
Sta. 658+20.36 202.03' Lt.
Const. Manhole (San.) 5' Dia. Type P (Std.)
Over Exist. 8" San. Sewer.
Install 8" x 338.35' San. Sewer (E)
Remove Exist. 18" Pipe Between Prop. MH & Exist. MH (S)
Install 21" x 7.11' San. Sewer (S)
See Sheet Nos.

(MH 1-2) N E

Sta. 13+38.35 Line 1=
Sta. 661+62.64 195.29' Lt.
Const. Manhole (San.) 4' Dia. Type (Std.)
Over Exist. 8" San. Sewer.
Install 8" x 400.00' San. Sewer (E).
See Sheet Nos.

(MH 1-3) N E

Sta. 17+38.35 Line 1=
Sta. 665+63.61 179.84' Lt.
Const. Manhole (San.) 4' Dia. Type P (Std.)
Install 8" x 400.00' San. Sewer (E).
See Sheet Nos.

Notes:
Existing lines not remaining in service shall be abandoned in place or removed.
All open ends of abandoned pipe shall be plugged. See Sh. No.

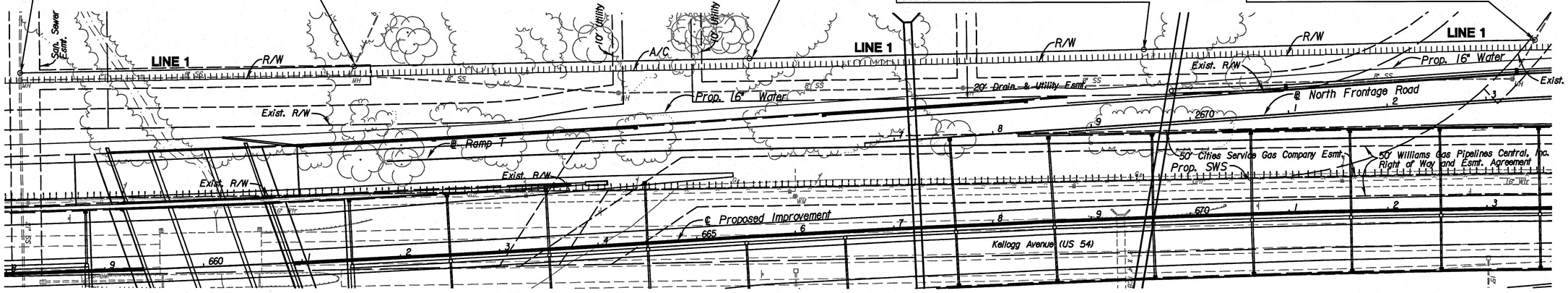
Existing manholes over abandoned sanitary sewer shall be removed. See Sh. No.

(MH 1-4) N E

Sta. 21+38.35 Line 1=
Sta. 669+59.43 169.99' Lt.
Const. Manhole (San.) 4' Dia. Type P (Std.)
Install 8" x 395.15 San. Sewer (E).
See Sheet Nos.

(MH 1-5) N E

Sta. 25+33.50 Line 1=
Sta. 673+51.41 169.22' Lt.
Const. Manhole (San.) 4' Dia. Type P (Std.)
Over Exist. 8" San. Sewer
See Sheet Nos.



PLAN - LINE 1
SCALE: 1" = 50'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

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CITY OF WICHITA
EAST KELLOGG
SANITARY SEWER
LINE 1 PLAN AND PROFILE
STA. 658+20 TO STA. 673+51

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	133	538

(MH 2-1) N E

Sta. 10+00 Line 2-
Sta. 2684+40.42 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 4' Dia. Type P (Std.)
Over Exist. 8" San. Sewer
Install 8" x 296.47' San. Sewer (E).
See Sheet Nos.

(MH 2-2) N E

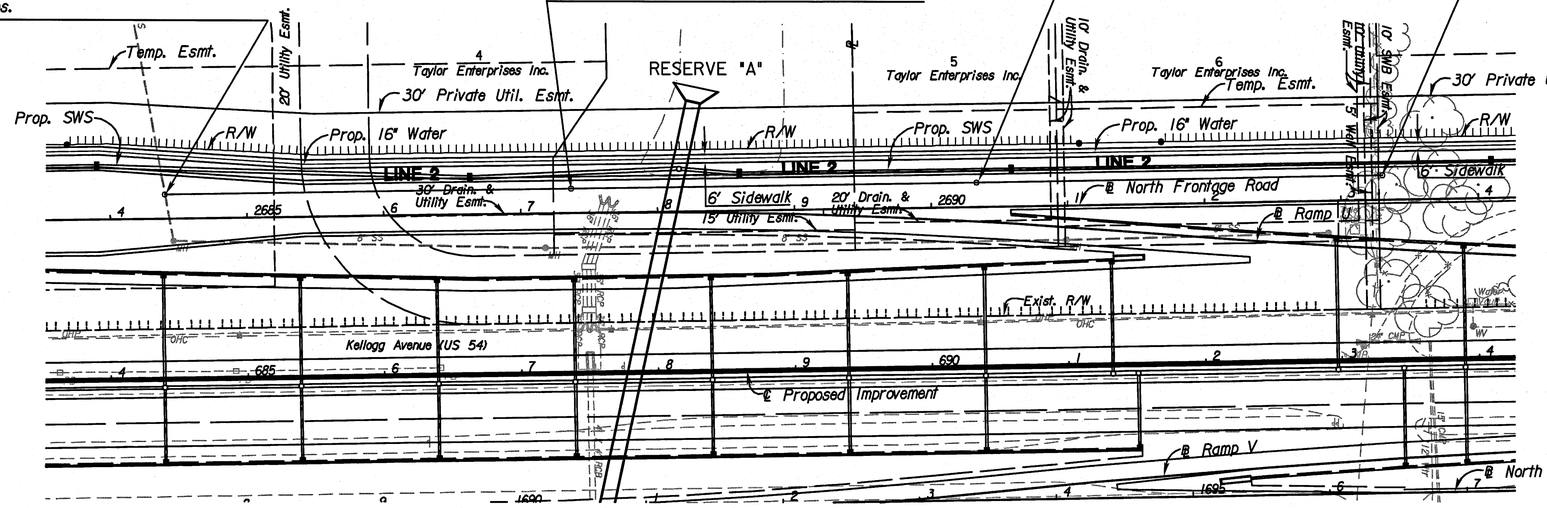
Sta. 12+96.47 Line 2-
Sta. 2687+36.90 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 4' Dia. Type P (Std.)
Install 8" x 296.82' San. Sewer (E).
See Sheet Nos.

(MH 2-3) N E

Sta. 15+93.29 Line 2-
Sta. 2690+33.72 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 4' Dia. Type P (Std.)
Install 8" x 296.82' San. Sewer (E).
See Sheet Nos.

(MH 2-4) N E

Sta. 18+90.11 Line 2-
Sta. 2693+30.54 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 4' Dia. Type P (Std.).
See Sheet Nos.



PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

Notes:
Existing lines not remaining in service shall be abandoned in place or removed. All open ends of abandoned pipe shall be plugged. See Sh. No.

Existing manholes over abandoned sanitary sewer shall be removed. See Sh. No.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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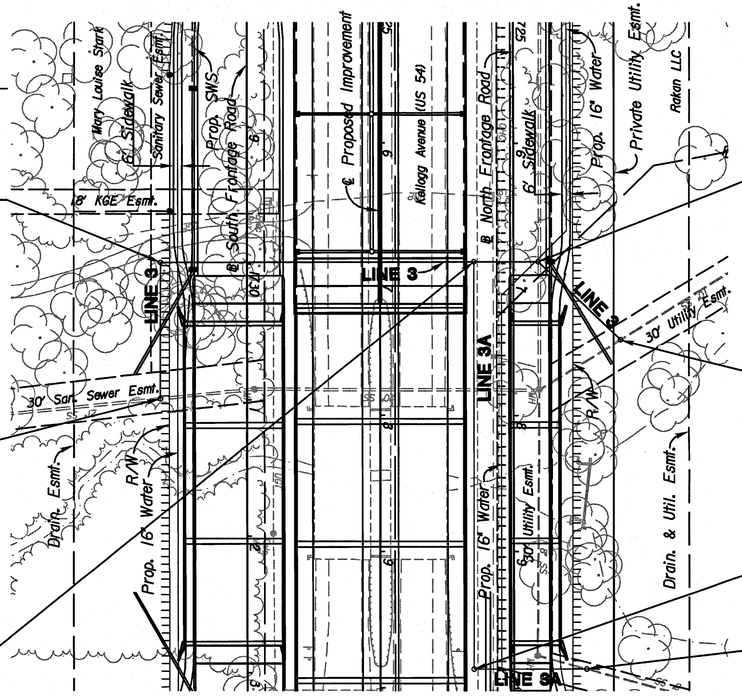
CITY OF WICHITA
NORTH FRONTAGE ROAD
SANITARY SEWER
LINE 2 PLAN AND PROFILE
STA. 2684+40.42 TO STA. 2693+30.54

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	134	538

(MH 3-2) N E
Sta. 11+00.27 Line 3=
Sta. 1729+98.66 63.24' Rt.
@ South Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Install 21" x 229.40' San. Sewer (N).
See Sheet Nos.

(MH 3-1) N E
Sta. 10+00 Line 3=
Sta. 1730+98.94 63.34' Rt.
@ South Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Over Exist. 21" San. Sewer
Install 21" x 100.27' San. Sewer (W).
Abandon Exist. 21" San. Sewer (N).
See Sheet Nos.

(MH 3-3) N E
Sta. 13+29.67 Line 3=
Sta. 10+00, Line 3A
Sta. 2726+87.03 29.04' Rt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Install 21" x 47.05' San. Sewer (N).
Install 8" x 299.18' San. Sewer (mat type) (E).
See Sheet Nos.



PLAN - LINE 3
SCALE: 1" = 50'

(MH 3-4) N E
Sta. 13+76.72 Line 3=
Sta. 2726+87.03 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.) Over Exist. 21" San. Sewer
Install 10" x 83.32' San. Sewer (NE).
Abandon Exist. 21" San. Sewer (E).
See Sheet Nos.

(MH 3-5) N E
Sta. 14+60.04 Line 3=
Sta. 2727+44.60 78.23' Lt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Over Exist. 10" San. Sewer.
Abandon Exist. 10" San. Sewer (SE).
See Sheet Nos.

(MH 3A-1) N E
Sta. 12+99.18 Line 3A=
Sta. 2929+86.22 29.20' Rt.
@ North Frontage Road
Const. Manhole (San.) 4' Dia. Type P (Std.)
Install 8" x 82.17 San. Sewer (N).
See Sheet Nos.

(MH 3A-2) N E
Sta. 13+81.35 Line 3A=
Sta. 2729+86.22 52.96' Lt.
@ North Frontage Road
Const. Manhole (San.) 4' Dia. Type P (Std.)
Over Exist. 8" San. Sewer
Abandon Exist. 8" San. Sewer (S).
See Sheet Nos.

PLAN - LINE 3A
SCALE: 1" = 50'

Notes:
Existing lines not remaining in service shall be abandoned in place or removed. All open ends of abandoned pipe shall be plugged. See Sh. No.

Existing manholes over abandoned sanitary sewer shall be removed. See Sh. No.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

PROFILE - LINE 3
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

PROFILE - LINE 3A
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

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CITY OF WICHITA
NORTH FRONTAGE ROAD
SANITARY SEWER
LINE 3 PLAN AND PROFILE
STA. 2726+87.03 TO STA. 2729+86.22

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	135	538

MH 4-1 N E

Sta. 10+00 Line 4=
Sta. 10+00 Line 5=
Sta. 2744+00.15 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Install 18" x 23.81 San. Sewer (S)
Remove Exist. San Sewer MH (S) & Connect to Exist. 18" San. Sewer
Install 10" x 14.82' San. Sewer (W)
Install 10" x 318.11' San. Sewer (E)
See Sheet Nos.

MH 4-2 N E

Sta. 10+14.82 Line 4=
Sta. 2743+85.33 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Over Exist. San. Sewer
Abandon Exist. 10" San. Sewer (SE)
Install 10" x 384.11' San. Sewer. (W)
See Sheet Nos.

MH 4-3 N E

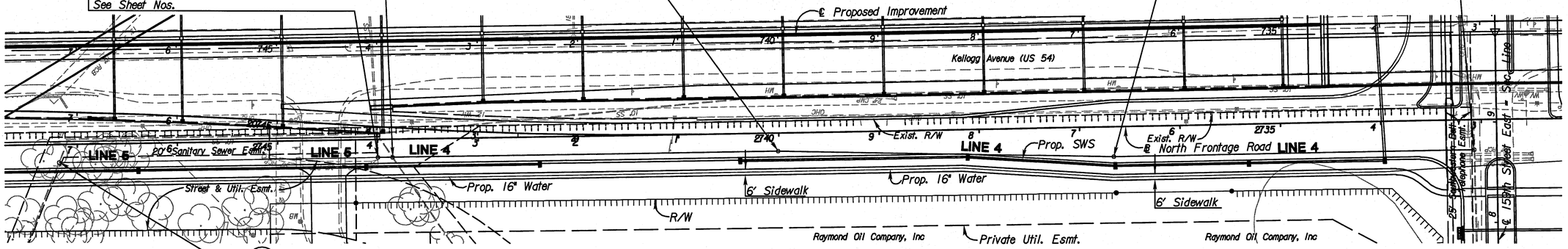
Sta. 13+98.93 Line 4=
Sta. 2740+01.22 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Install 10" x 335.17' San. Sewer (W).
See Sheet Nos.

MH 4-4 N E

Sta. 17+34.10 Line 4=
Sta. 2736+66.26 30.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Install 10" x 358.80' San. Sewer (W).
See Sheet Nos.

MH 4-5 N E

Sta. 2+92.91 Line 4=
Sta. 2733+07.46 30.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Over Exist 10" San. Sewer.
Abandon Exist. 10" San. Sewer (S)
See Sheet Nos.



MH 5-1 N E

Sta. 13+18.11 Line 5=
Sta. 2747+18.26 18.00' Lt.
@ North Frontage Road
Const. Manhole (San.) 5' Dia. Type P (Std.)
Over Exist. 10" San. Sewer
See Sheet Nos.

PLAN - LINE 5
SCALE: 1" = 50'

PLAN - LINE 4
SCALE: 1" = 50'

SANITARY SEWER		
DESCRIPTION	UNIT	QUANTITY
Pipe, SS 8"	LF	2829
Pipe, SS 10"	LF	1495
Pipe, SS 21"	LF	384
MH, Standard SS (4')	Each	10
MH, Standard SS (5')	Each	12

Notes:
Existing lines not remaining in service shall be abandoned in place or removed. All open ends of abandoned pipe shall be plugged. See Sh. No.

Existing manholes over abandoned sanitary sewer shall be removed. See Sh. No.

All stations and offsets are to back of curb unless otherwise shown.

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 136-158 for Water Plans.

PROFILE - LINE 5
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

PROFILE - LINE 4
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

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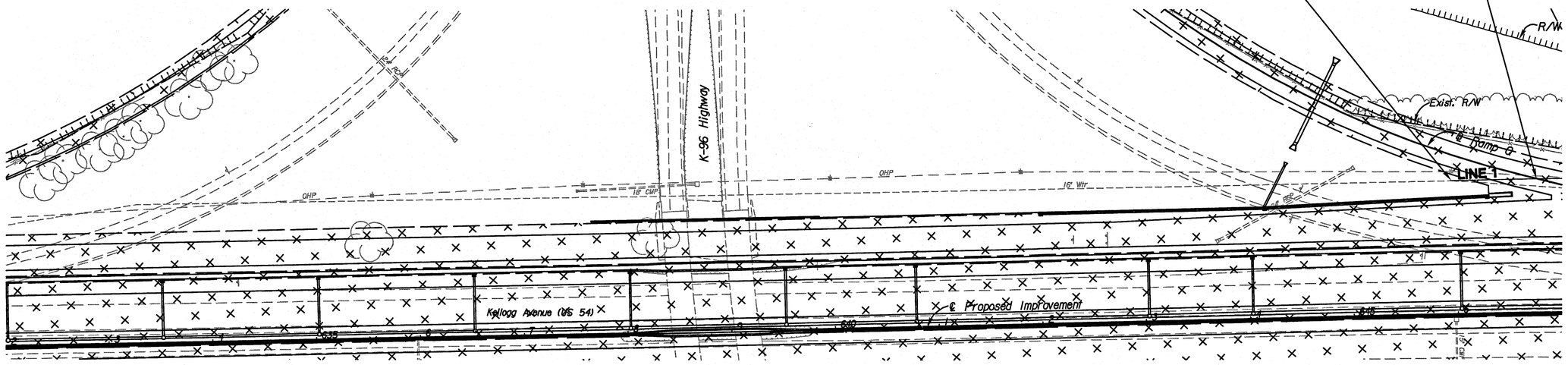
CITY OF WICHITA
NORTH FRONTAGE ROAD
SANITARY SEWER
LINE 4 & 5 PLAN AND PROFILE
STA. 2733+07 TO STA. 2750+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	136	538

Sta. 10+00 Line 1 -
Sta. 645+95.97 129.63' Lt.
Connected To Exist. 16" Pipe
1-16" Anchor Valve Assy.
(MJ Butterfly Valve) Valve Box El.-
1-DIMJ 16" Plug (E) To Abandon Exist. 16" (E)

Install 103.88' of 16" Pipe



PLAN - LINE 1
SCALE: 1" = 50'

PROFILE - LINE 1
HORIZ.: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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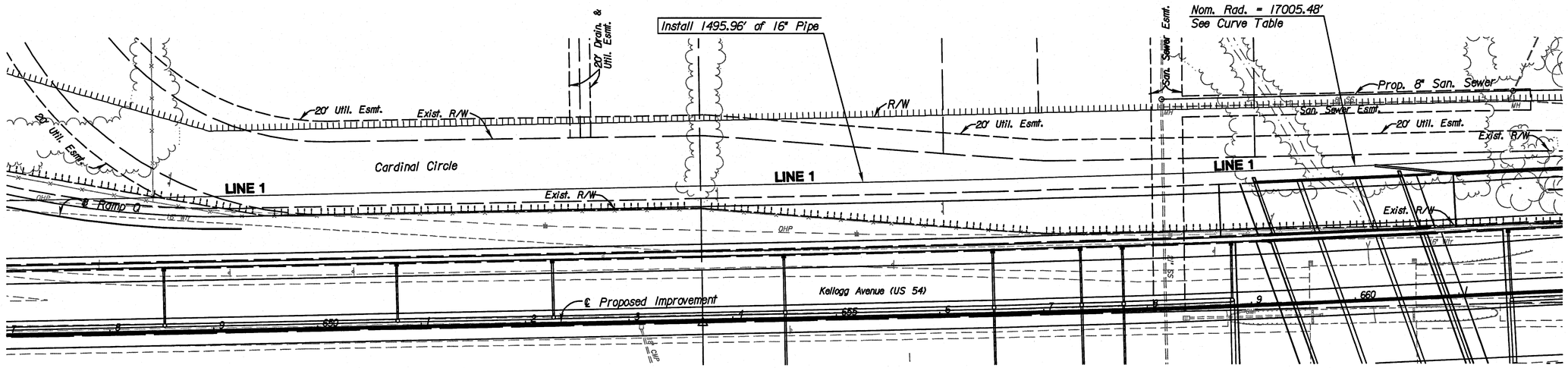
CITY OF WICHITA

EAST KELLOGG

WATERLINE 1 PLAN AND PROFILE

STA. 632+00 TO STA. 647+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	137	538



PLAN - LINE 1
SCALE: 1" = 50'

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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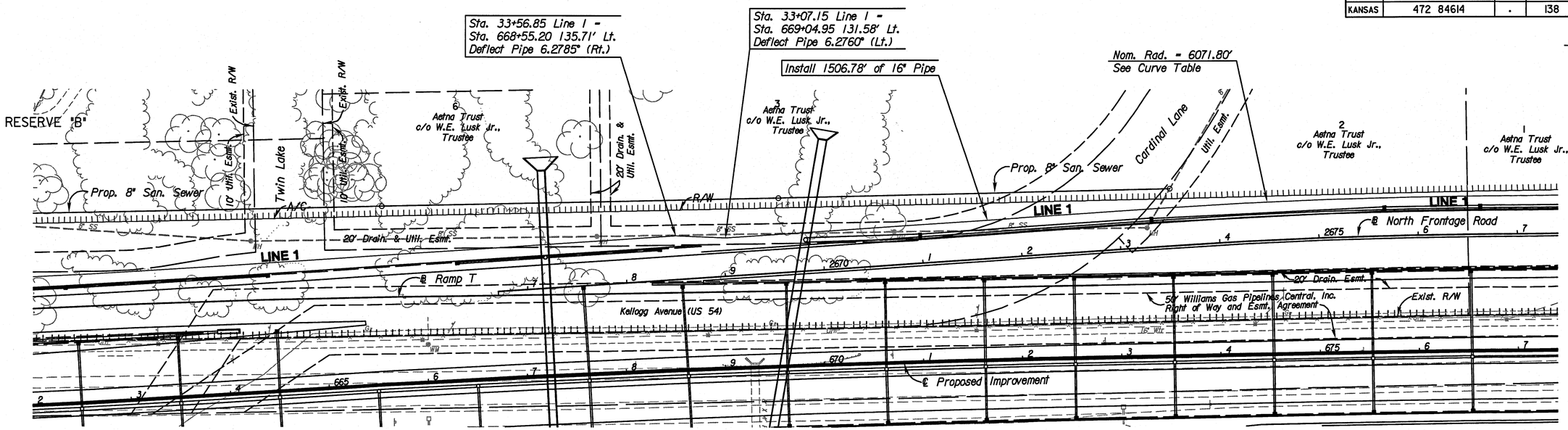
CITY OF WICHITA

EAST KELLOGG

WATER LINE 1 PLAN AND PROFILE

STA. 647+00 TO STA. 662+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	138	538



PLAN - LINE 1
SCALE: 1" = 50'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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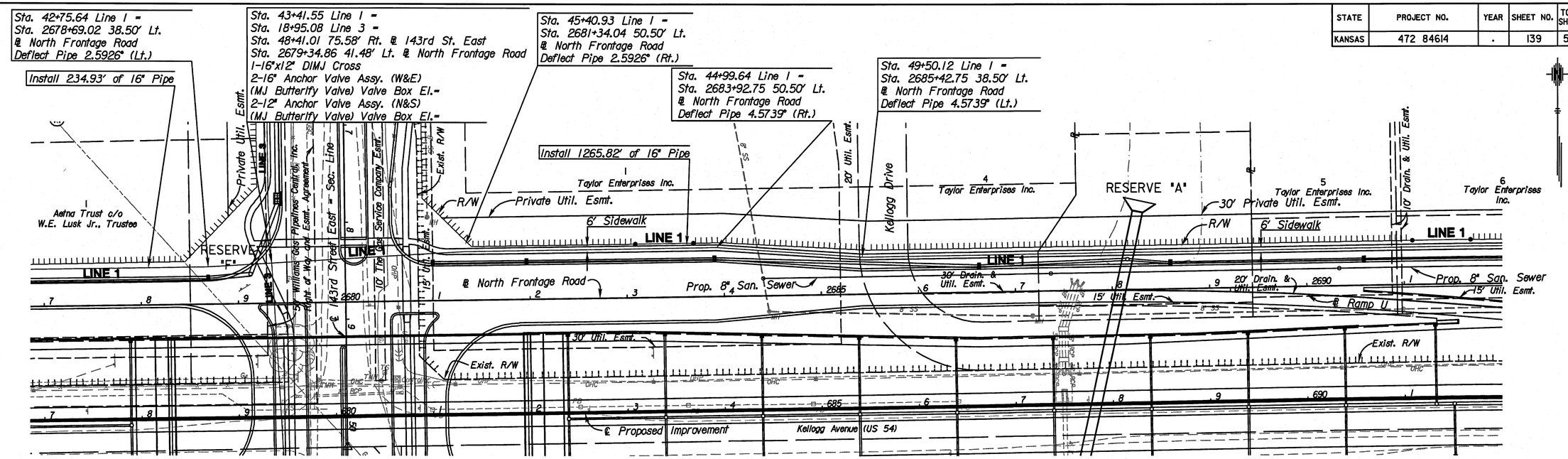
CITY OF WICHITA

EAST KELLOGG

WATER LINE 1 PLAN AND PROFILE

STA. 662+00 TO STA. 677+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	139	538



PLAN - LINE 1
SCALE: 1" = 50'

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

SURV.	PLOT	CADD	DES.	DR.	TR.	CK'D.	APP.

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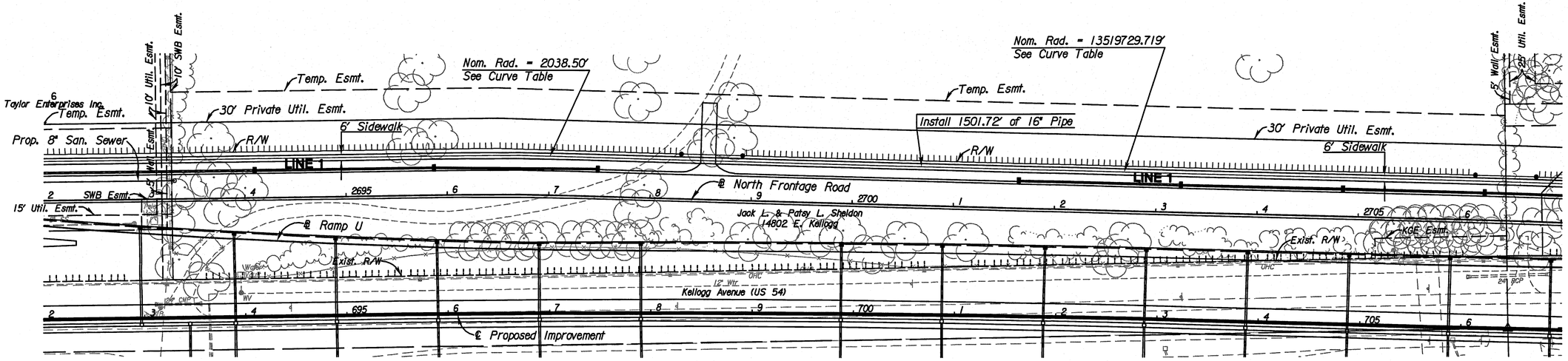
CITY OF WICHITA

NORTH FRONTAGE ROAD

WATER LINE 1 PLAN AND PROFILE

STA. 2677+00 TO STA. 2692+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	140	538



PLAN - LINE 1
SCALE: 1" = 50'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

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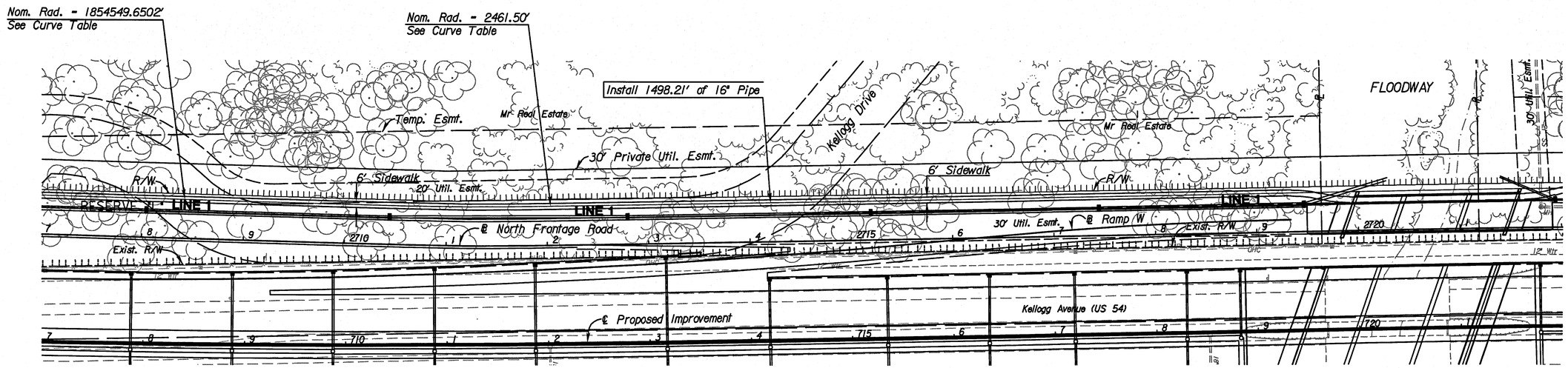
CITY OF WICHITA

NORTH FRONTAGE ROAD

WATER LINE 1 PLAN AND PROFILE

STA. 2692+00 TO STA. 2707+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	141	538



PLAN - LINE 1
SCALE: 1" = 50'

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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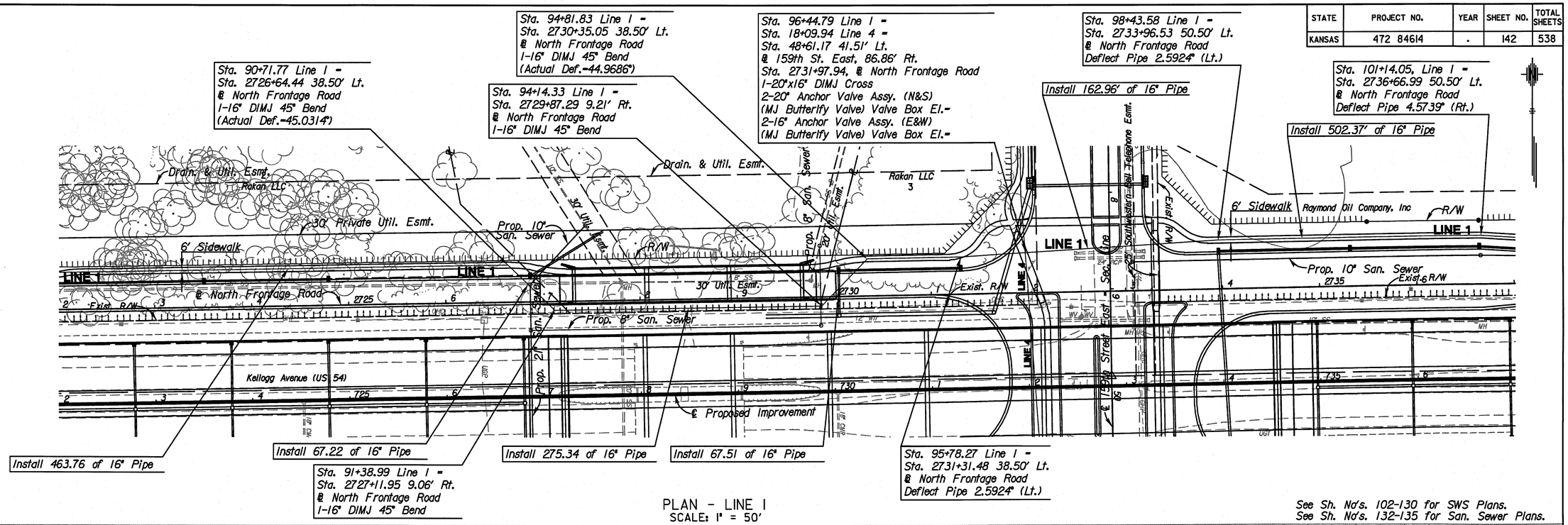
CITY OF WICHITA

NORTH FRONTAGE ROAD

WATER LINE 1 PLAN AND PROFILE

STA. 2707+00 TO STA. 2722+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	142	538



PLAN - LINE 1
SCALE: 1" = 50'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

SURV. - PLOT - CADD DES. - DR. - TR. - CKD. - APP. -

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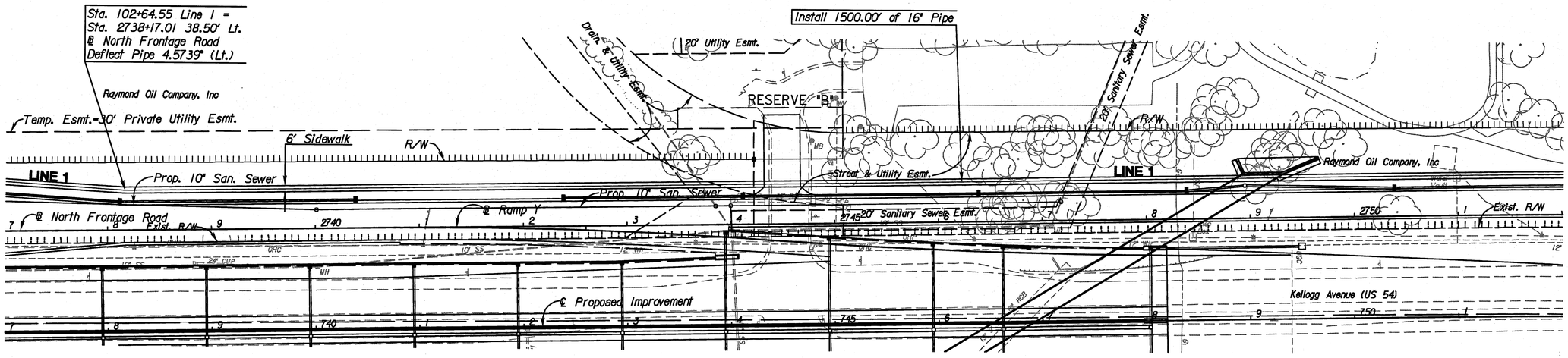
CITY OF WICHITA
NORTH FRONTAGE ROAD
WATER LINE 1 PLAN AND PROFILE
STA. 2722+00 TO STA. 2737+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	143	538



PLAN - LINE 1
SCALE: 1" = 50'

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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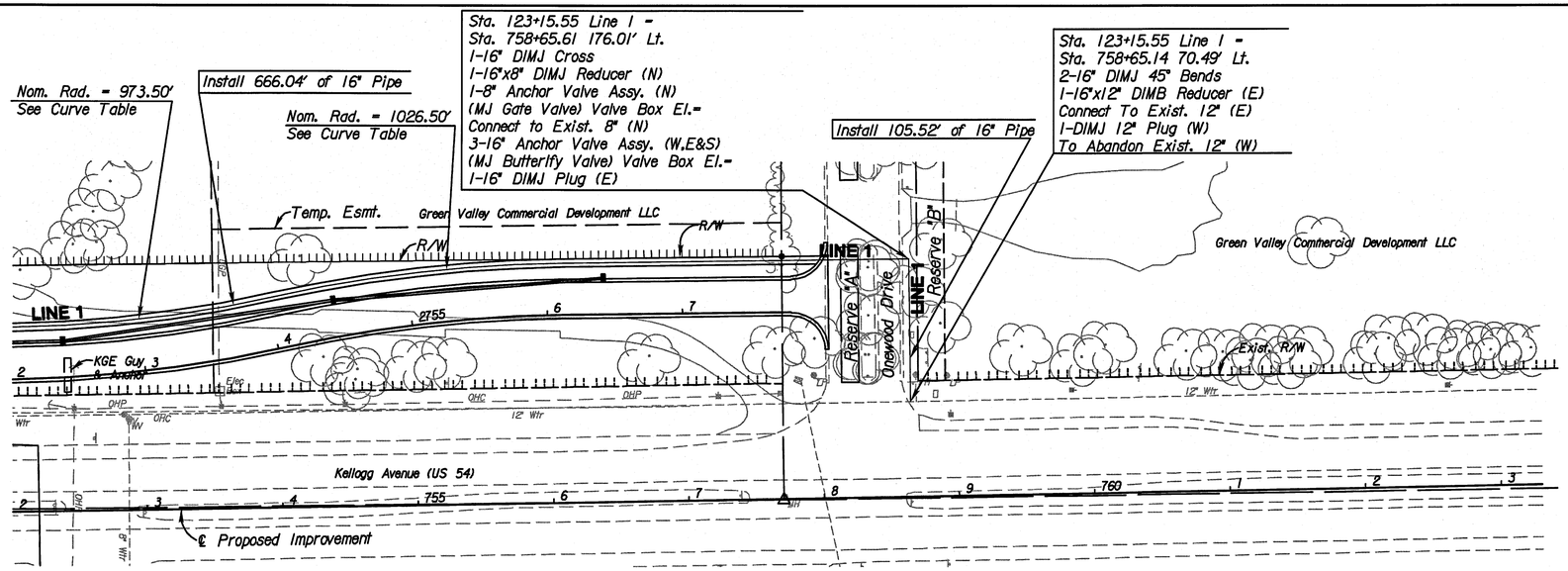
CITY OF WICHITA

EAST KELLOGG

WATER LINE 1 PLAN AND PROFILE

STA. 737+00 TO STA. 752+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	144	538



PLAN - LINE 1
SCALE: 1" = 50'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

PROFILE - LINE 1
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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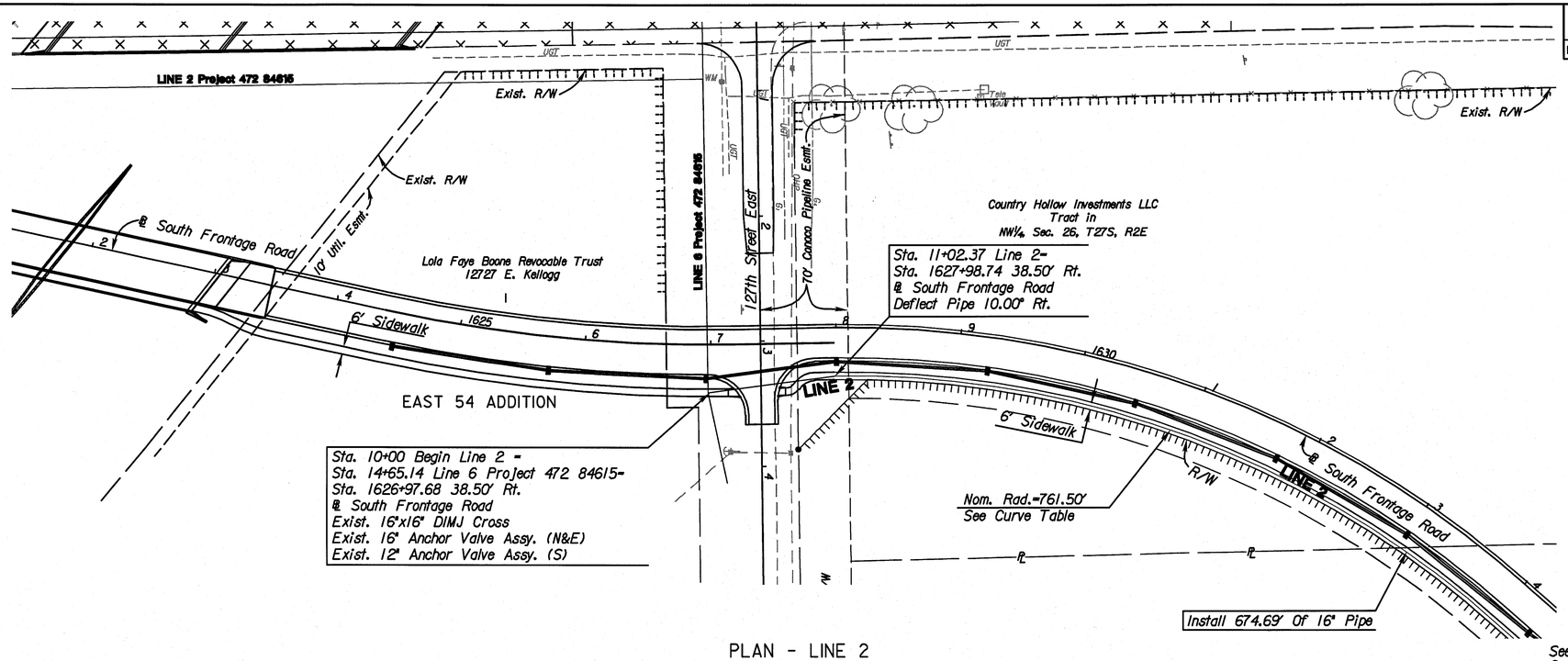
CITY OF WICHITA

EAST KELLOGG

WATER LINE 1 PLAN AND PROFILE

STA. 752+00 TO STA. 763+00 LT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	145	538



PLAN - LINE 2
SCALE: 1" = 50'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

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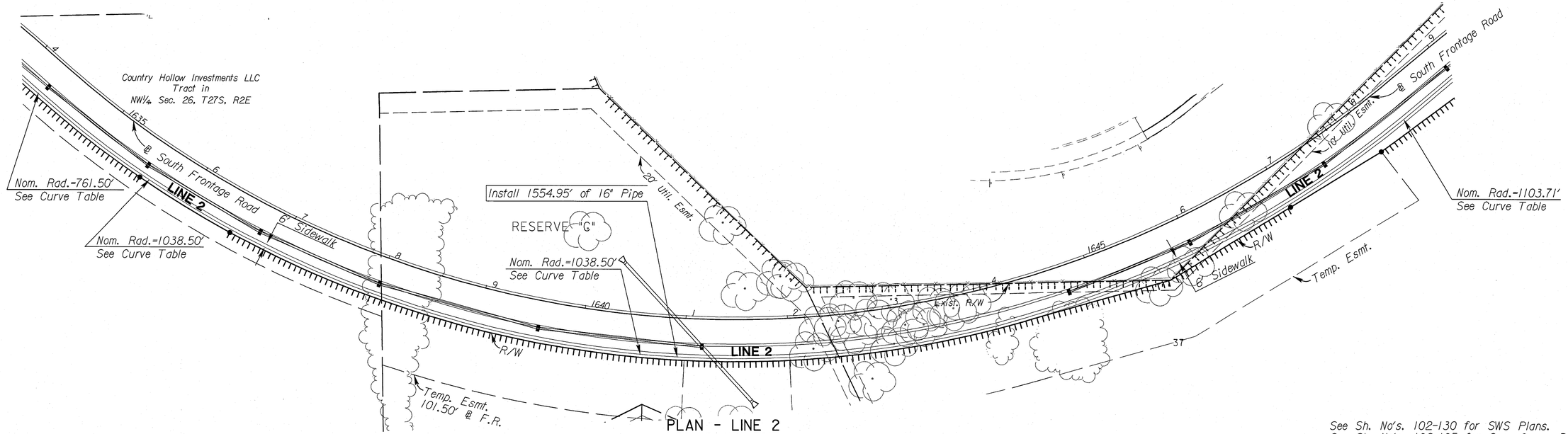
CITY OF WICHITA

SOUTH FRONTAGE ROAD

WATER LINE 2 PLAN AND PROFILE

STA. 1627+00 TO STA. 1634+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	146	538



PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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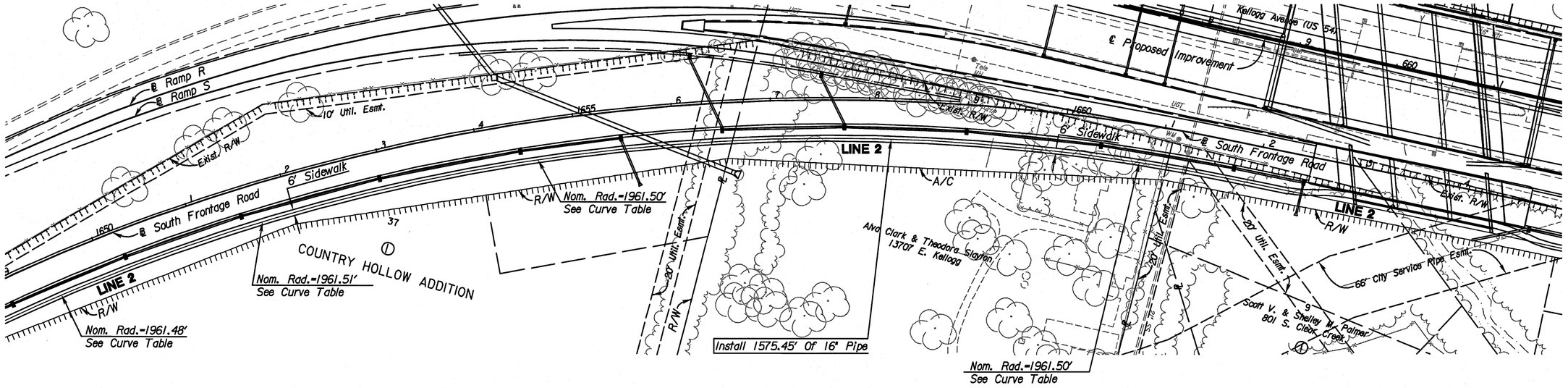
CITY OF WICHITA

SOUTH FRONTAGE ROAD

WATER LINE 2 PLAN AND PROFILE

STA. 1634+00 TO STA. 1649+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	147	538



PLAN - LINE 2
SCALE: 1" = 50'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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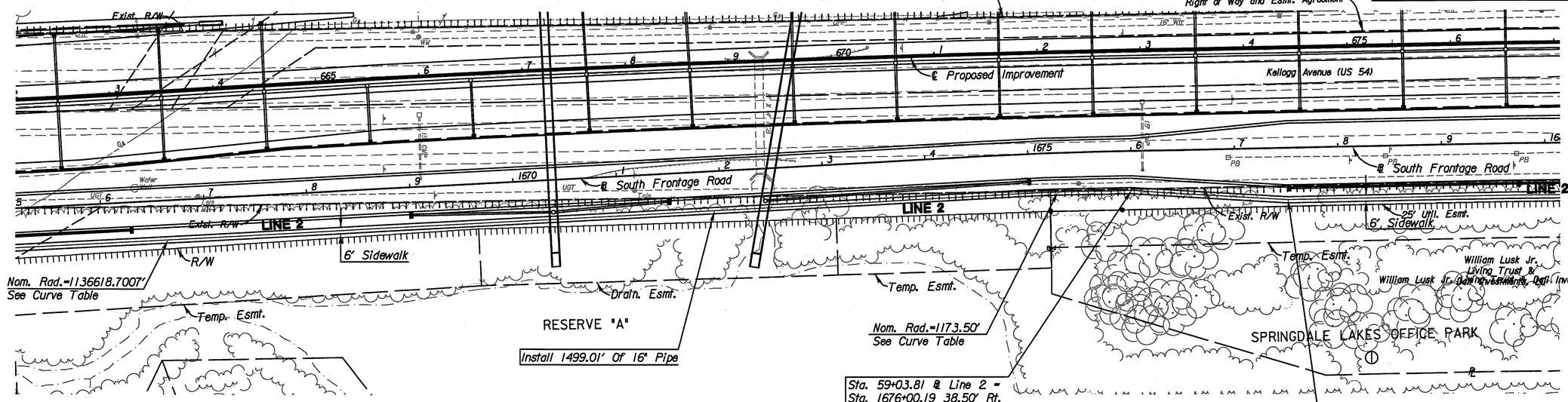
CITY OF WICHITA

SOUTH FRONTAGE ROAD

WATER LINE 2 PLAN AND PROFILE

STA. 1649+00 TO STA. 1665+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	148	538



PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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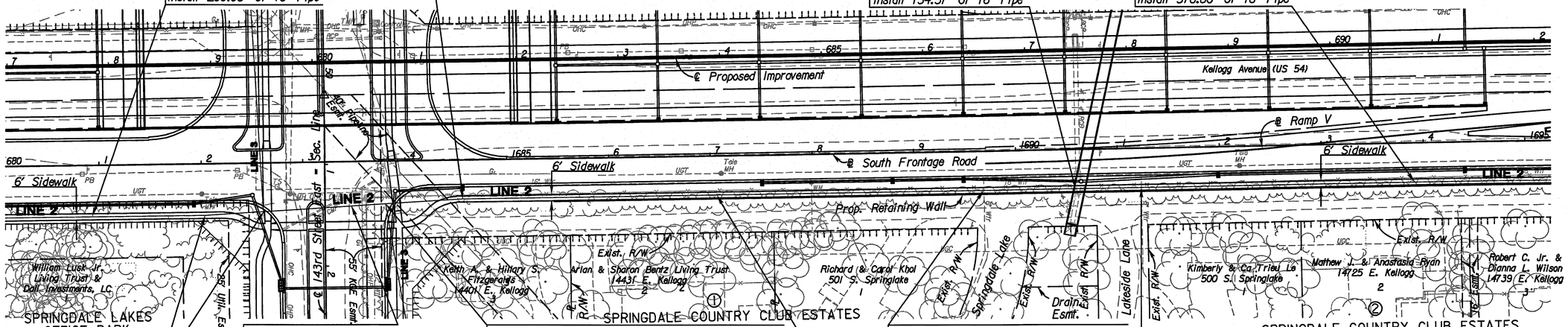
CITY OF WICHITA

SOUTH FRONTAGE ROAD

WATER LINE 2 PLAN AND PROFILE

STA. 1665+00 TO STA. 1680+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	149	538



Sta. 65+07.46 Line 2 -
Sta. 1682+03.37 50.50' Rt.
@ South Frontage Road
Deflect Pipe 2.7149° (Lt.)

Sta. 65+65.04 Line 2 -
Sta. 21.99.88 Line 3 -
Sta. 51+45.69 60.32' Rt. @ 143rd St. East -
Sta. 1682+60.89 47.77' Rt. @ South Frontage Road-
Sta. 679+50.19 145.38' Rt.
1-16"x12" DIMJ Tee
2-16" Anchor Valve Assy. (W&E)
(MJ Butterfly Valve) Valve Box El.-
1-12" Anchor Valve Assy. (N)
(MJ Butterfly Valve) Valve Box El.-

Sta. 66+84.75 Line 2 -
Sta. 21+99.88 Line 3 -
Sta. 51+39.41 59.23' Rt. @ 143rd St. East
Sta. 1683+80.46 @ South Frontage Road, 42.10' Rt.
Sta. 680+69.77 139.71' Rt.
1-16"x12" DIMJ Tee
1-16" Anchor Valve Assy. (E)
(MJ Butterfly Valve) Valve Box El.-
1-12" Anchor Valve Assy. (S)
(MJ Butterfly Valve) Valve Box El.-

Sta. 72+73.01 Line 2 -
Sta. 1689+68.64 38.50' Rt.
@ South Frontage Road
Sta. 686.57.94 123.01' Rt.
1-16"x8" DIMJ Tee
1-8" Anchor Valve Assy. (S)
(MJ Gate Valve) Valve Box El.-
Connect To Exist. 8" (S)
1-8" DIMJ Plug To Abandon (N)

Sta. 74+27.58 Line 2 -
Sta. 1691+23.20 38.50' Rt. @ South Frontage Road
Sta. 688+12.51 136.10' Rt.
1-16"x8" DIMJ Tee
2-16" Anchor Valve Assy. (W&E)
(MJ Butterfly Valve) Valve Box El.-
1-8" Anchor Valve Assy. (S)
(MJ Gate Valve) Valve Box El.-
Connect To Exist. 8" (S)
1-8" DIMJ Plug To Abandon (N)

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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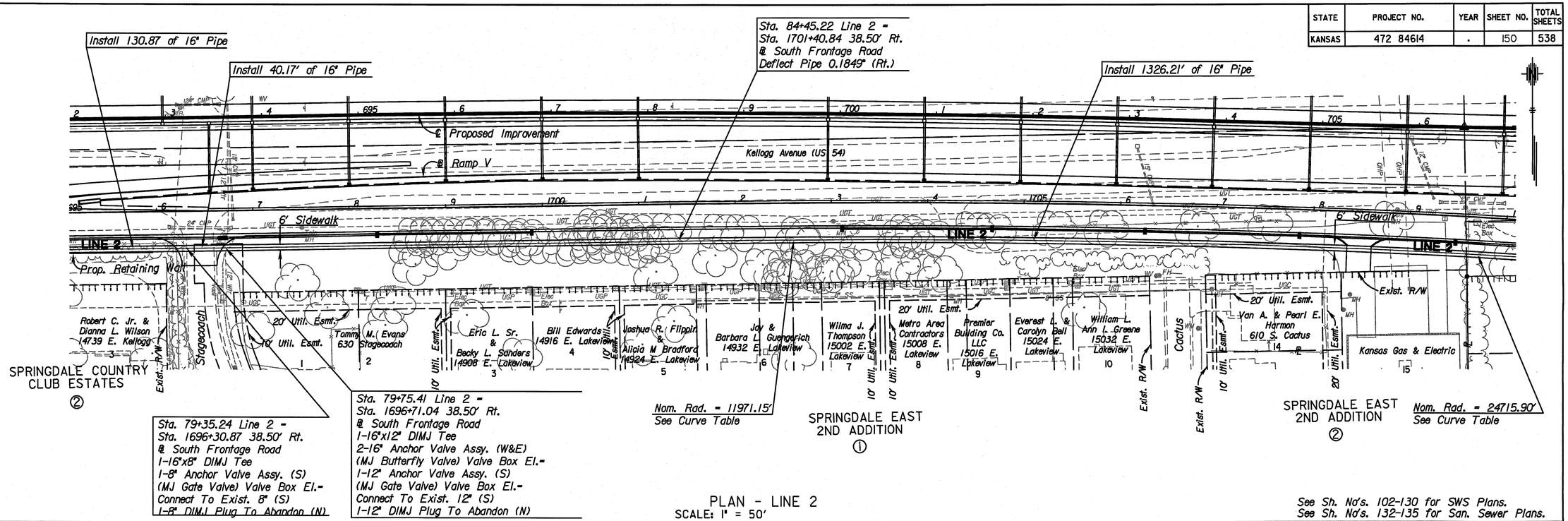
CITY OF WICHITA

SOUTH FRONTAGE ROAD

WATER LINE 2 PLAN AND PROFILE

STA. 1680+00 TO STA. 1695+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	150	538



PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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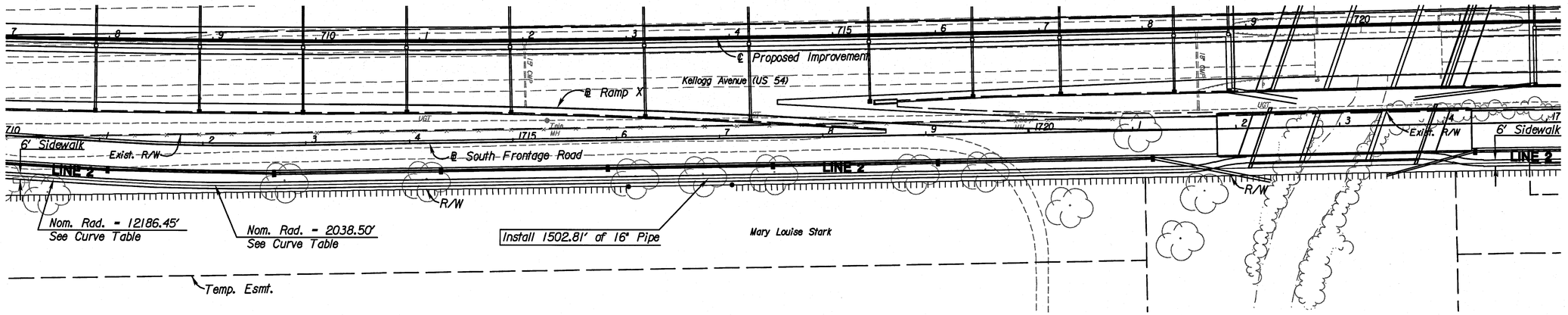
CITY OF WICHITA

SOUTH FRONTAGE ROAD

WATER LINE 2 PLAN AND PROFILE

STA. 1695+00 TO STA. 1710+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	151	538



PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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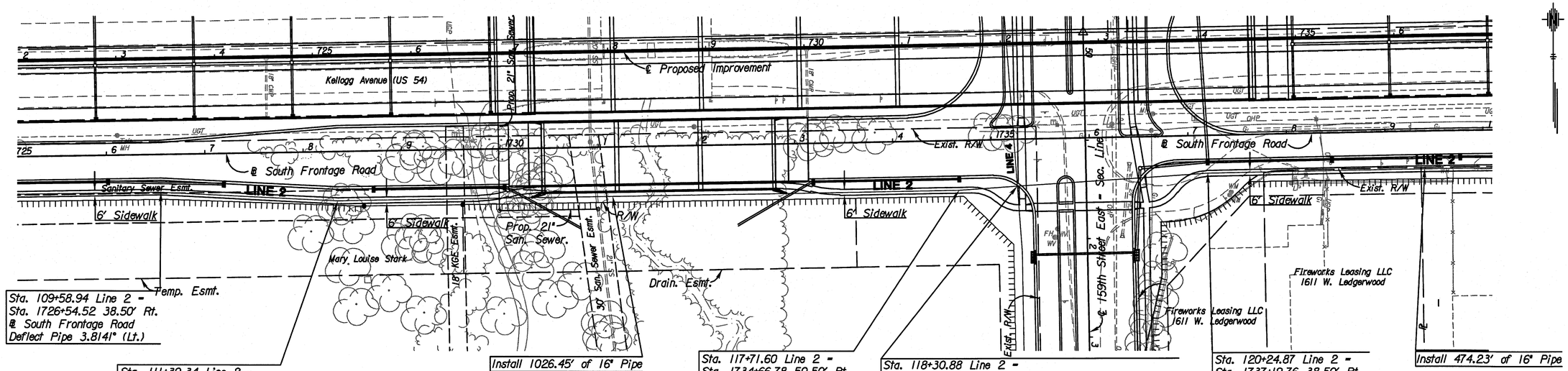
CITY OF WICHITA

SOUTH FRONTAGE ROAD

WATER LINE 2 PLAN AND PROFILE

STA. 1710+00 TO STA. 1725+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	152	538



PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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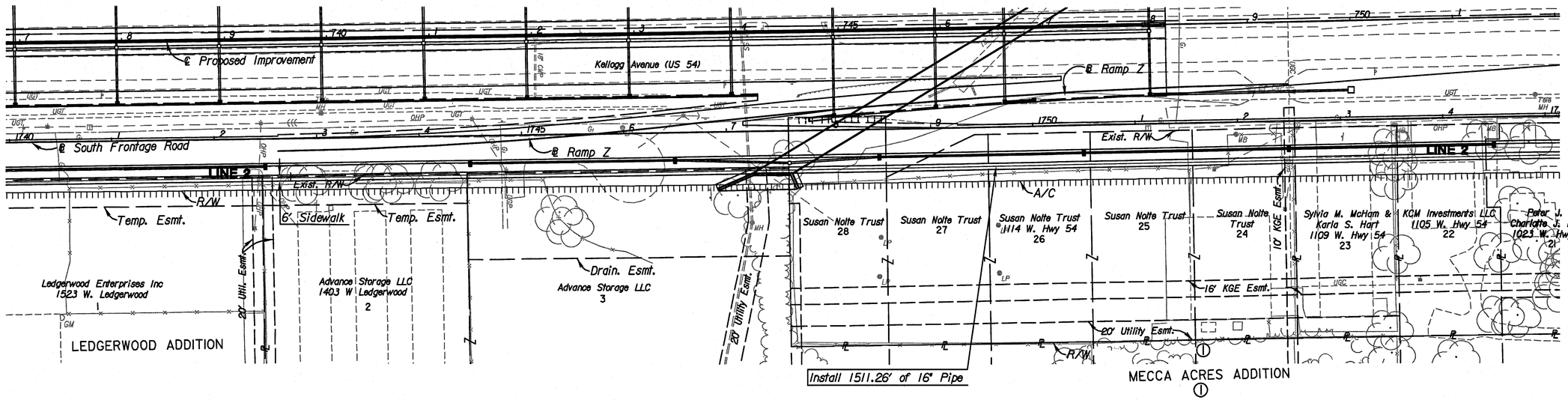
CITY OF WICHITA

SOUTH FRONTAGE ROAD

WATER LINE 2 PLAN AND PROFILE

STA. 1725+00 TO STA. 1740+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	153	538



PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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CITY OF WICHITA

EAST KELLOGG

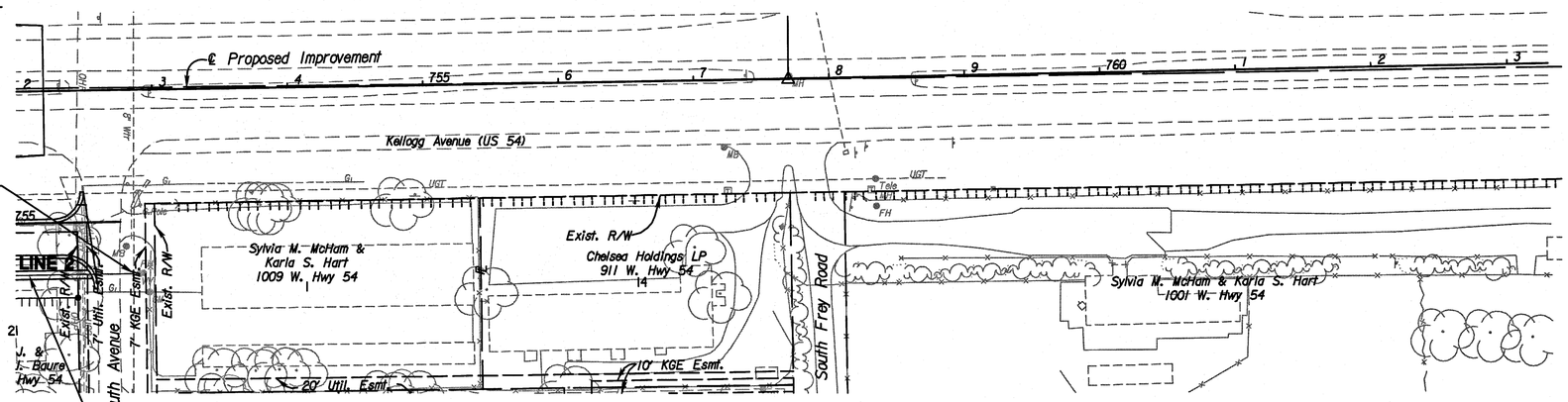
WATER LINE 2 PLAN AND PROFILE

STA. 737+00 TO STA. 752+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	154	538

Sta. 19+00.74 Line 2 =
Sta. 752+84.37 136.10' Rt.
1-16"x8" DIMJ Tee
2-16" Anchor Valve Assy. (W&E)
(MJ Butterfly Valve) Valve Box El.-
1-8" Anchor Vavle Assy. (S)
(MJ Gate Valve) Valve Box El.-
Connect To Exist. 8" (S)
1-8" DIMJ Plug to Abandon (N)
1-16" DIMJ Plug (E)

Install 84.37' of 16" Pipe



PLAN - LINE 2
SCALE: 1" = 50'

PROFILE - LINE 2
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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CITY OF WICHITA

EAST KELLOGG

WATER LINE 2 PLAN AND PROFILE

STA. 752+00 TO STA. 763+00 RT.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	155	538

Sta. 10+69.65 Line 3 =
Sta. 40+19.65 42.50' Rt.
@ 143rd Street East
1-12"x8" DIMJ Tee
1-12" Anchor Valve Assy. (S)
(MJ Butterfly Valve) Valve Box El.=
1-8" Anchor Valve Assy. (E)
(MJ Gate Valve) Valve Box El.=
Connect To Exist. 8" Pipe (E)
92.50' of 8" Pipe (E)

Sta. 10+00 Line 3 =
Sta. 39+50 42.50' Rt.
@ 143rd Street East
Connect To Exist. 12" Pipe

Install 69.65' of 12" Pipe

Install 385.19' of 12" Pipe

Sta. 13+85.19 Line 3 =
Sta. 43+35.19 42.50' Rt.
@ 143rd Street East
1-12" DIMJ 11.25° Bend
(Actual Def. = 12.6489°)

Install 164.40' of 12" Pipe

Sta. 15+49.59 Line 3 =
Sta. 44+95.60 78.50' Rt.
@ 143rd Street East
1-12" DIMJ 11.25° Bend
(Actual Def. = 12.6489°)

Install 345.48' of 12" Pipe

Sta. 18+35.07 Line 3 =
Sta. 47+81.08 78.50' Rt.
@ 143rd Street East
Deflect Pipe 2.7885° (Lt.)

Sta. 18+95.08 Line 3 =
Sta. 48+41.01 75.58' Rt.
@ 143rd Street East =
Sta. 43+41.55 Line 1 =
Sta. 2679+34.86, 41.48' Lt.
@ North Frontage Road

Install 159.26' of 12" Pipe

Randall S. & Diane M. Goering
315 Cardinal Lane

John D. Jr. & Verdene L. Newman
340 S. Cardinal Lane

Cardinal Lane

Temp. Esmt.

R/W

Exist. R/W

10' Util. Esmt.

10' Util. Esmt.

Util. Esmt.

A/C

R/W

Exist. R/W

15' Util. Esmt.

6' Sidewalk

North Frontage Road

10' The Gas Service Company Esmt.

℄ 143rd Street East - Sec. Line

LINE 3

50' Williams Gas Pipelines Central, Inc. Right of Way and Esmt. Agreement

Exist. R/W

6' Sidewalk

30' Private Util. Esmt.

RESERVE "E"

Cardinal Lane

Lewis

R/W

30' Private Utility Esmt.

RESERVE "F"

℄ Proposed Improvement

Kellogg Avenue (U.S. 54)

PLAN - LINE 3
SCALE: 1" = 50'

PROFILE - LINE 3
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

CITY OF WICHITA
143RD STREET EAST
WATER LINE 3 PLAN AND P
STA. 39+50 TO STA. 50

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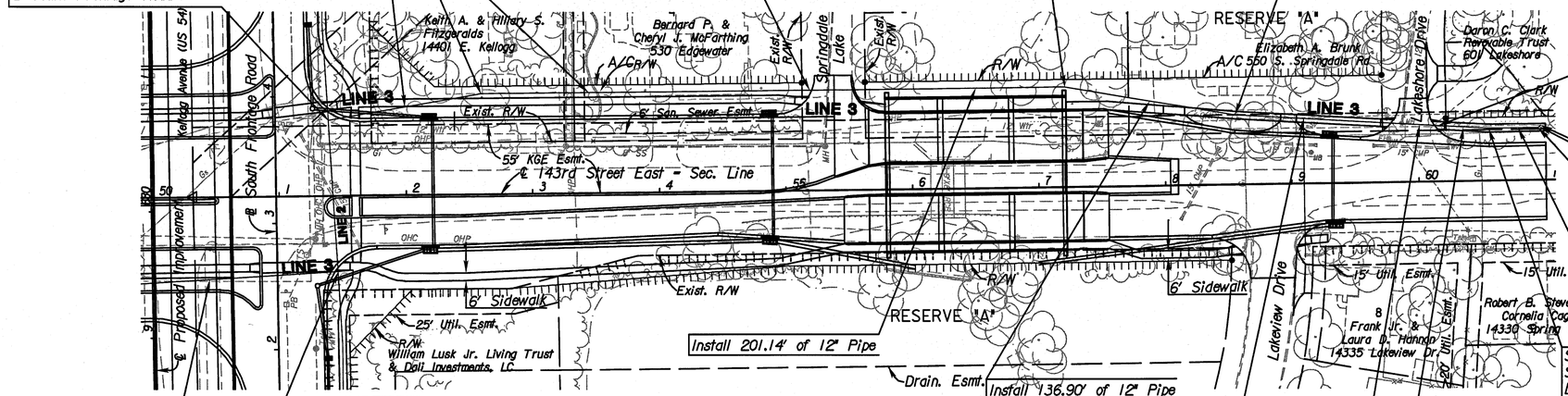
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	156	538



Install 122.04' of 12" Pipe

Sta. 21+99.88 Line 3 -
Sta. 51+39.41 59.23' Lt.
@ 143rd Street East -
Sta. 66+84.75, Line 2 -
Sta. 1683+90.61 41.62' Rt.
@ South Frontage Road

Sta. 23+21.92 Line 3 -
Sta. 52+59.81 79.00' Lt.
@ 143rd Street East
1-12" DIMJ 11.25° Bend
(Actual Defl.-9.4206°)

Install 259.64' of 12" Pipe

Sta. 25+81.54 Line 3 -
Sta. 55+19.45 79.00' Lt.
@ 143rd Street East
1-12"x8" DIMJ Tee
1-8" Anchor Valve Assy. (E)
(MJ Gate Valve) Valve Box El.-
Connect To Exist. 8" Pipe (E)

Sta. 27+82.68 Line 3 -
Sta. 57+20.59 79.00' Lt.
@ 143rd Street East
1-12" DIMJ 11.25° Bend
(Actual Def. - 10.1427°)

Sta. 29+19.58 Line 3 -
Sta. 58+55.35 54.89' Lt.
@ 143rd Street East
1-12" DIMJ 11.25° Bend
(Actual Def.-6.3119°)

Sta. 30+80.25 Line 3 -
Sta. 60+15.66 44.16' Lt. @ 143rd Street East
1-12"x8" DIMJ Tee
1-12" Anchor Valve Assy. (S)
(MJ Butterfly Valve) Valve Box El.-
1-8" Anchor Valve Assy. (E)
(MJ Gate Valve) Valve Box El.-
Connect to Exist. 8" Pipe (E)

Sta. 31+61.40 End Line 3 -
Sta. 60+96 43.27' Lt. @ 143rd Street East
1-12" DIMJ 45° Bend
Connect to Exist. 12" Pipe (S)

Install 2.54' of 12" Pipe

Sta. 31+58.86 Line 3 -
Sta. 60+94.18 41.50' Lt. @ 143rd Street East
1-12" DIMJ 45° Bend
(Actual Def.-44.3485°)

Install 38.83' of 12" Pipe

Sta. 31+20.03 Line 3 -
Sta. 60+55.35 41.50' Lt. @ 143rd Street East
Deflect Pipe 3.8307° Lt.

Install 145.54' of 12" Pipe

Sta. 21+99.88 Line 3 -
Sta. 51+45.69 60.32' Rt.
@ 143rd Street East -
Sta. 65+65.04, Line 2 -
Sta. 1682+60.89 47.77' Rt.
@ South Frontage Road

Install 201.14' of 12" Pipe

Install 136.90' of 12" Pipe

Sta. 29+73.97 Line 3 -
Sta. 59+09.63 51.26' Lt. @ 143rd Street East
1-12"x8" DIMJ Tee
1-8" Anchor Valve Assy. (W)
(MJ Gate Valve) Valve Box El.-
Connect To Exist. 8" Pipe (W)
109.39' of 8" Pipe (W)

Install 39.78 of 12" Pipe

Install 160.67 of 12" Pipe

PLAN - LINE 3
SCALE: 1" = 50'

PROFILE - LINE 3
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

CITY OF WICHITA

143RD STREET EAST

WATER LINE 3 PLAN AND PROFILE

STA. 50+00 TO STA. 61+00

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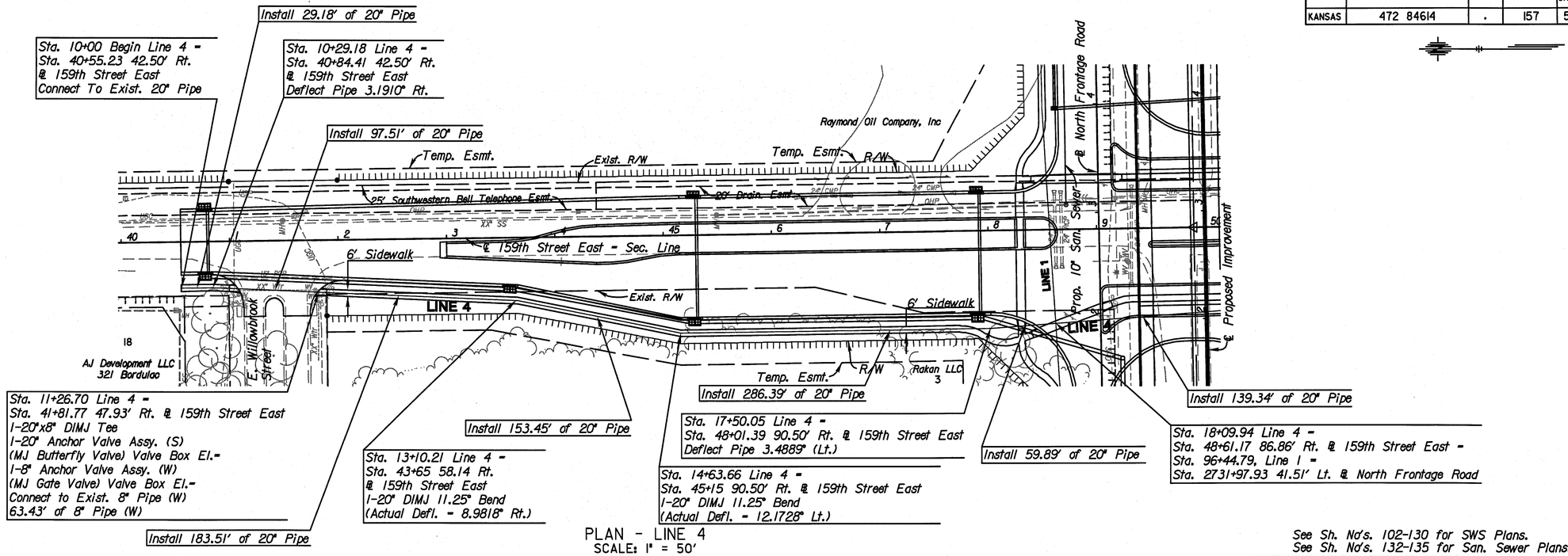
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	157	538



PLAN - LINE 4
SCALE: 1" = 50'

PROFILE - LINE 4
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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CITY OF WICHITA

159TH STREET EAST

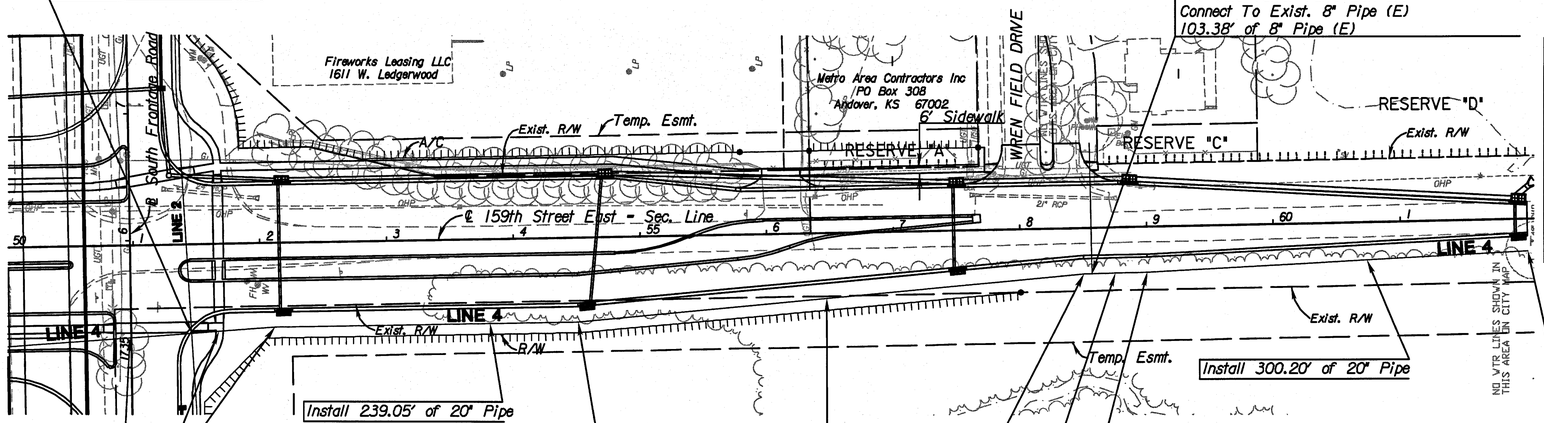
WATER LINE 4 PLAN AND PROFILE

STA. 40+55 TO STA. 50+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	158	538

Sta. 20+94.82 Line 4 -
Sta. 51+45.21 70.21' Rt.
@ 159th Street East -
Sta. 118+30.88 Line 2 -
Sta. 1735+25.92 47.69' Rt.
@ South Frontage Road

Sta. 28+07.11 Line 4 -
Sta. 58+56.27 36.50' Rt. @ 159th Street East
1-20"x8" DIMJ Tee
1-20" Anchor Valve Assy. (S)
(MJ Butterfly Valve) Valve Box El.-
1-8" Anchor Valve Assy. (E)
(MJ Gate Valve) Valve Box El.-
Connect To Exist. 8" Pipe (E)
103.38' of 8" Pipe (E)



Install 145.54' of 20" Pipe

Install 65.84' of 20" Pipe

Sta. 21+60.66 Line 4 -
Sta. 52+10.95 66.50' Rt.
@ 159th Street East
Deflect Pipe 3.2332° (Rt.)

Install 239.05' of 20" Pipe

Sta. 23+99.72 Line 4 -
Sta. 54+50 66.50' Rt.
@ 159th Street East
Deflect Pipe 4.2892° (Lt.)

Install 401.12' of 20" Pipe

Sta. 28+00.84 Line 4 -
Sta. 58+50 36.50' Rt.
@ 159th Street East
Deflect Pipe 4.2892° (Lt.)

Install 50.00' of 20" Pipe

Sta. 28+50.84 Line 4 -
Sta. 58+50.00 36.50' Rt.
@ 159th Street East
Deflect Pipe 2.0999° (Lt.)

Install 300.20' of 20" Pipe

Sta. 31+51.04 End Line 4 -
Sta. 62+00 25.50' Rt.
@ 159th Street East
Connect To Exist. 20" Pipe

WATER		
DESCRIPTION	UNIT	QUANTITY
Pipe, WL 8"	LF	306
Pipe, WL 12"	LF	2159
Pipe, WL 16"	LF	24200
Pipe, WL 20"	LF	2151
Pipe, WL 16", Bored and Cased	LF	800
Fire Hydrant Assembly	Each	41
Valve Assembly, Air Release 2"	Each	4
Valve Assembly, Anchored 8"	Each	11
Valve Assembly, Anchored 12"	Each	7
Valve Assembly, Anchored 16"	Each	19
Valve Assembly, Anchored 20"	Each	6

PLAN - LINE 4
SCALE: 1" = 50'

PROFILE - LINE 4
HORIZ: 1" = 50'
VERTICAL: 1" = 5'

See Sh. No's. 102-130 for SWS Plans.
See Sh. No's. 132-135 for San. Sewer Plans.

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CITY OF WICHITA

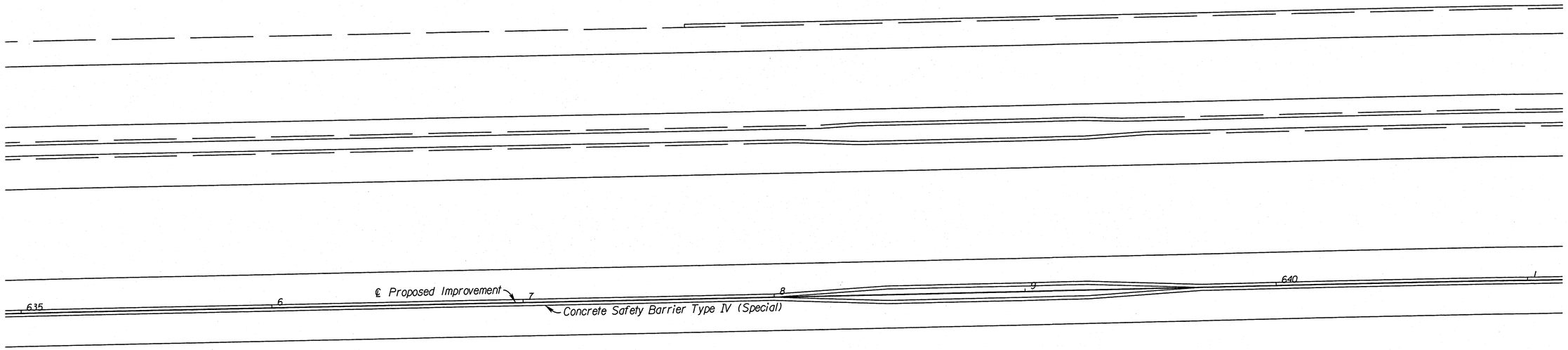
159TH STREET EAST

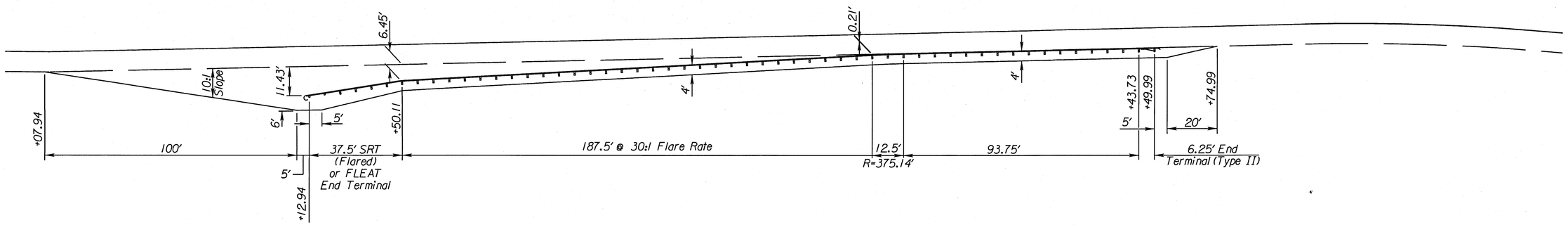
WATER LINE 4 PLAN AND PROFILE

STA. 50+00 TO STA. 62+00

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	159	538

Scale: 1"=20'





Plan @ Sta. 638+00.00

Notes:
Station, Offset, and Radius information for Guardrail is to face of rail.
See Sh. No's. for Guardrail Details.

CITY OF WICHITA

EAST KELLOGG

GUARDRAIL LAYOUT

EXISTING K96 OVER EAST KELLOGG

159

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