

# STATE HIGHWAY COMMISSION

## PLAN AND PROFILE OF PROPOSED

**FEDERAL AID PROJECT**  
**87M-5899(001)**  
**WICHITA, SEDGWICK COUNTY**

| FWHA<br>REGION<br>NO. | STATE  | PROJECT NO.   | YEAR | SHEET<br>NO. | TOTAL<br>SHEET |
|-----------------------|--------|---------------|------|--------------|----------------|
| 7                     | KANSAS | 87M-5899(001) | 1974 | 1            | 100            |

**GRADING**  
**STORM SEWER**  
**PAVING**  
**SODDING**

## INDEX OF SHEETS

- 1. Title Sheet
- 2-3. Typical Sections
- 4-16. Street Improvement Plans
- 17-24A. Pavement Details (Sh. No. 23 deleted)
- 25-28. Miscellaneous Details (Sh. No. 26 deleted)
- 29-32. Storm Drain Plans
- 43-53. Inlet and Manhole Details
- 53A. Concrete End Sections
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- 57-58. Summary of Quantities
- 59. Temporary Project Water Pollution Control Seeding
- 59A-59B. Traffic Control
- 60-61. Type III Barricades (Fixed)
- 62. Drainage Areas
- 63. Pavement Striping Plans
- 64-76. Traffic Signal Plans
- 77-79. Signal Installation Detail
- 80-100. Cross Sections

DESIGN DESIGNATION

ADT (1973) = 8,900  
ADT (2000) = 11,200  
DHV = 12%  
D = 40-60  
T = 4%  
V = 40  
COF A = NONE

STA. 0 + 00 BEGIN  
Proj. 87M-5899(001

## CONVENTIONAL SIGNS

|                        |                                                                                     |                             |                                                                                       |
|------------------------|-------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|
| COUNTY LINE            |  | RETAINING WALL              |  |
| CORPORATE LIMITS       |  | CENTER LINE OF PROJECT      |  |
| STATE OR NATIONAL LINE |  | LEVEE                       |  |
| TOWNSHIP LINE          |  | CULVERTS                    |  |
| SECTION LINE           |  | DROP INLETS                 |  |
| GRANT LINE             |  | ACCESS CONTROL              |  |
| FENCE LINE             |  | POWER LINE                  |  |
| GUARD FENCE            |  | TELEPHONE OR TELEGRAPH LINE |  |
| UNFENCED PROPERTY      |  | MARSH                       |  |
| RIGHT OF WAY LINE      |  | HEDGE                       |  |
| TRAVELLED WAY          |  | TREES                       |  |
| RAILROADS              |  | GRADE ELEVATION             |  |

GROSS LENGTH OF PROJECT 7,239.44 FT

**EXCEPTION**

### ADDITION

|                       |          |       |       |
|-----------------------|----------|-------|-------|
| NET LENGTH OF PROJECT | 7,239.44 | 1.371 | MILES |
| NET LENGTH OF BRIDGES | 45.25    | 0.009 | MILES |
| NET LENGTH OF ROAD    | 7,194.19 | 1.362 | MILES |

STA. 72+50 END  
Proj. 87M-5899(001

**EXCEPTION** for Equation  
 $\$ Sta. 55+47.08 = 55+54.02 = 6.94$

Traffic to be carried across construction  
at the following locations:

Mainline  
Sta. 0+00 (Pawnee Ave.)  
Sta. 33+18.24 (Mt. Vernon Rd.)  
Sta. 51+44.23 (Hillside Ave.)  
Sta. 64+07.45 (Harry St.)  
Mt. Vernon Rd.  
Sta. 40+64.9 (Hillside Ave.)

See Sh. No. 4 for additional Traffic Control in accordance with Construction Sequencing.

APPROVED DATE April 23, 1964  
R.W. Linn  
R.W. LINN, P.E., CITY ENGINEER  
WICHITA, KANSAS  
PROJ. NO. DAKM 574014

RECOM. FOR APPROVAL DATE

ENGINEER OF URBAN HIGHWAYS  
STATE HIGHWAY COMMISSION OF KANSAS

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

STATE HIGHWAY ENGINEER  
STATE HIGHWAY COMMISSION OF KANSAS

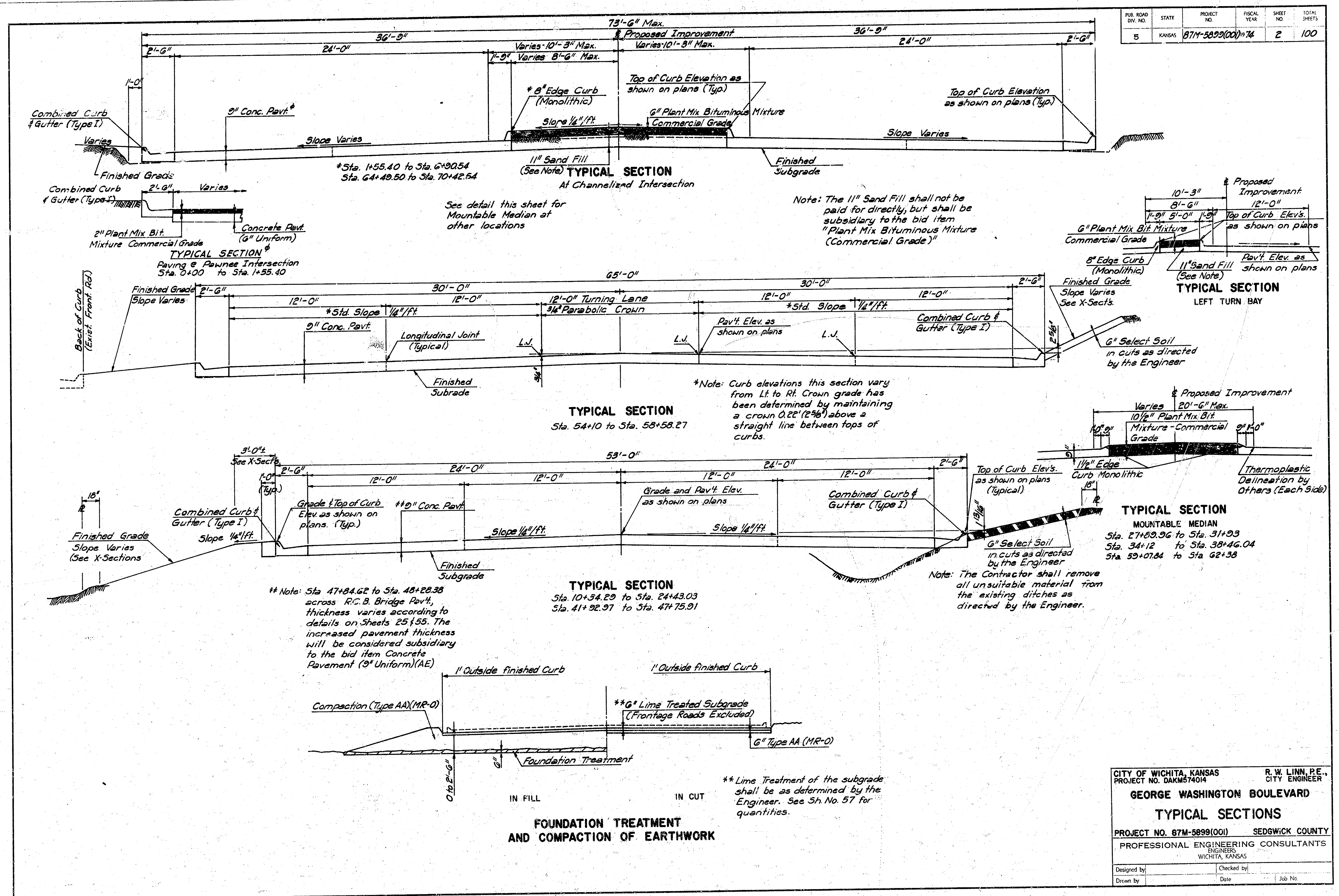
PLANS PREPARED BY  
PROFESSIONAL ENGINEERING CONSULTANTS, P.  
ENGINEERS  
WICHITA, KANSAS

RECOM. FOR APPROVAL DATE

ENGINEER  
FEDERAL HIGHWAY ADMINISTRATION  
DEPARTMENT OF TRANSPORTATION

APPROVED DATE

See Note 7.7



| PUB. ROAD DIV. NO. | STATE  | PROJECT NO.     | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|--------|-----------------|-------------|-----------|--------------|
| 15                 | KANSAS | 87M-5899(00) 14 |             | 2         | 100          |

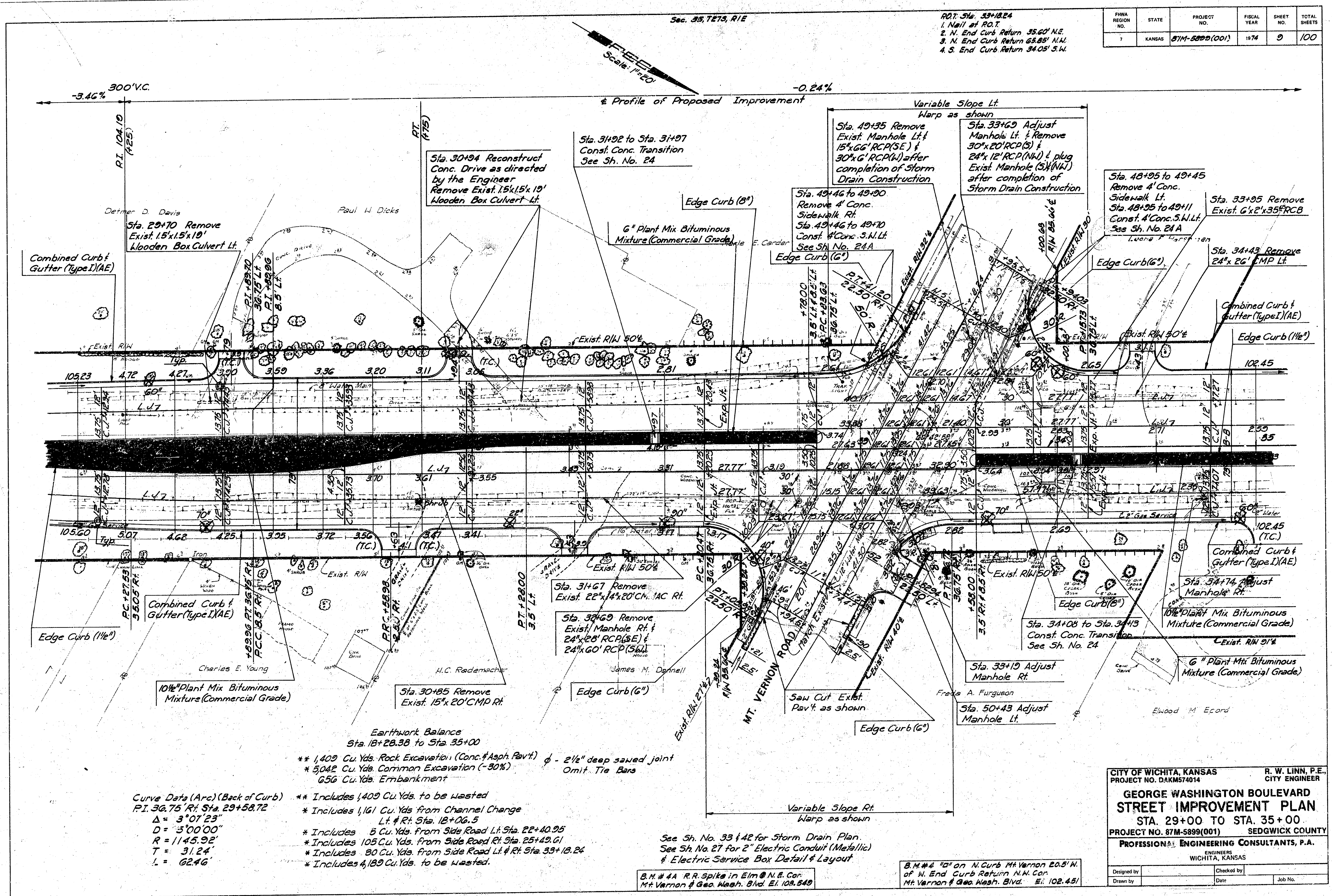
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| DESIGNED BY | CHECKED BY |
| DRAWN BY    | DATE       |

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| CITY OF WICHITA, KANSAS<br>PROJECT NO. DAKM574014 | R. W. LINN, P.E.<br>CITY ENGINEER |
| GEORGE WASHINGTON BOULEVARD                       |                                   |
| TYPICAL SECTIONS                                  |                                   |
| PROJECT NO. 87M-5899(001)                         | SEDGWICK COUNTY                   |
| PROFESSIONAL ENGINEERING CONSULTANTS              |                                   |
| WICHITA, KANSAS                                   |                                   |

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| FHWA REGION NO. | STATE  | PROJECT NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-----------------|--------|---------------|-------------|-----------|--------------|
| 7               | KANSAS | 87M-5899(001) | 1974        | 9         | 100          |

CITY OF WICHITA, KANSAS  
PROJECT NO. DAKM574014

R. W. LINN, P.E.  
CITY ENGINEER

GEORGE WASHINGTON BOULEVARD  
STREET IMPROVEMENT PLAN  
STA. 29+00 TO STA. 35+00  
PROJECT NO. 87M-5899(001) SEDGWICK COUNTY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
ENGINEERS  
WICHITA, KANSAS

Designed by

Checked by

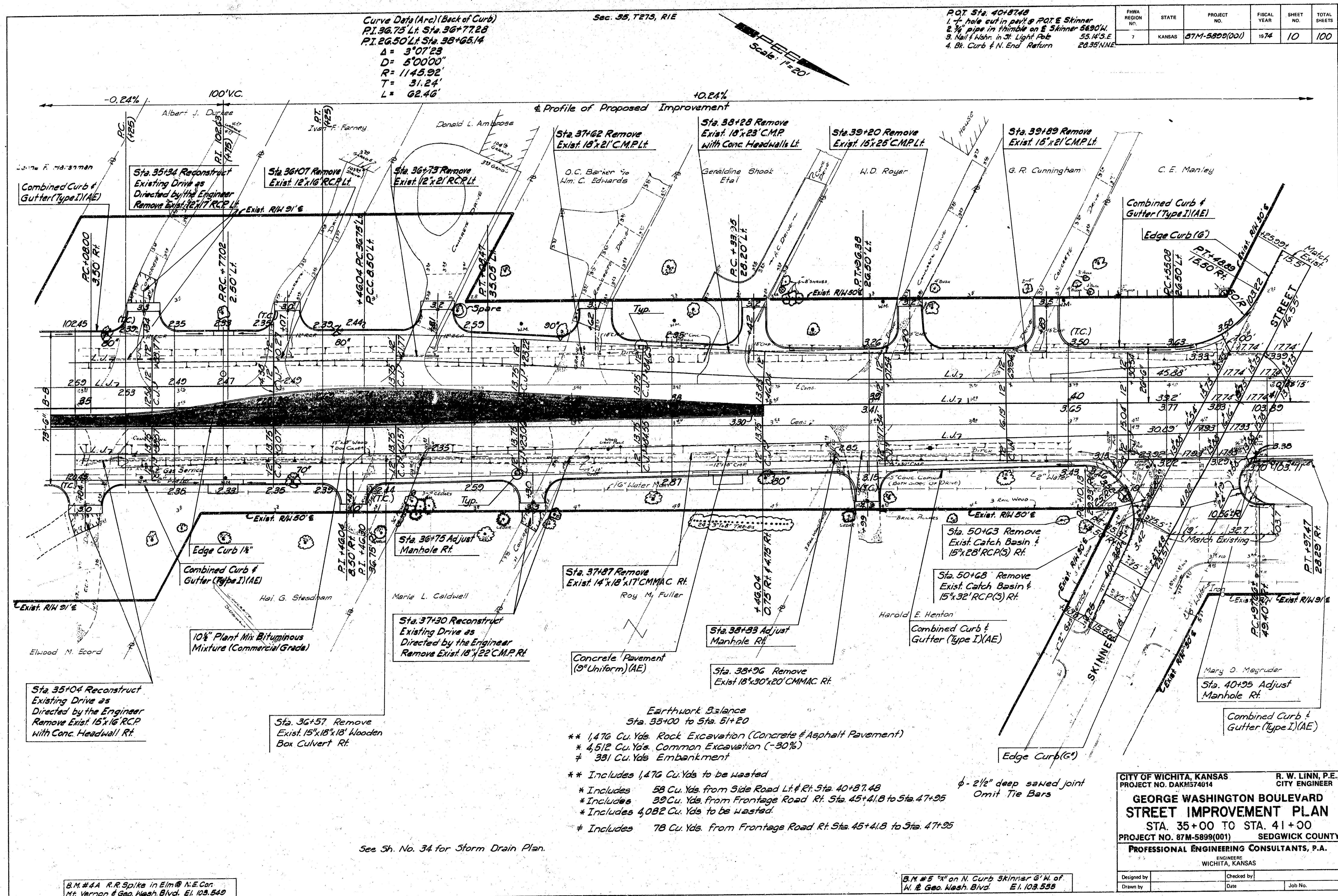
Drawn by

Date

Job No.

- Earthwork Balance  
Sta. 18+28.38 to Sta. 35+00
- \*\* 1,409 Cu. Yds. Rock Excavation (Conc. Asphalt Pavt.)
  - \*\* 5,042 Cu. Yds. Common Excavation (-30%)
  - 656 Cu. Yds. Embankment
- Curve Data (Arc) (Back of Curb)  
P.I. 30.75 Rt. Sta. 29+58.72  
Δ = 3°01'23"  
D = 3°00'00"  
R = 1145.92'  
T = 31.24'  
L = 62.46'
- \*\* Includes 1,409 Cu. Yds. to be wasted
  - \*\* Includes 1,161 Cu. Yds. from Channel Change Lt. & Rt. Sta. 18+06.5
  - \*\* Includes 5 Cu. Yds. from Side Road Lt. Sta. 22+40.25
  - \*\* Includes 105 Cu. Yds. from Side Road Rt. Sta. 25+49.61
  - \*\* Includes 80 Cu. Yds. from Side Road Lt. & Rt. Sta. 33+18.24
  - \*\* Includes 4,139 Cu. Yds. to be wasted.
- See Sh. No. 33 for Storm Drain Plan.  
See Sh. No. 27 for 2" Electric Conduit (Metallic)  
& Electric Service Box Detail & Layout
- B.M. # 44 R.R. Spike in Elm @ N.E. Cor.  
Mt. Vernon & Geo. Wash. Blvd. E.I. 102.549
- B.M. # 44 10' on N. Curb Mt. Vernon 20.5' W.  
of W. End Curb Return N.M. Cor.  
Mt. Vernon & Geo. Wash. Blvd. E.I. 102.431

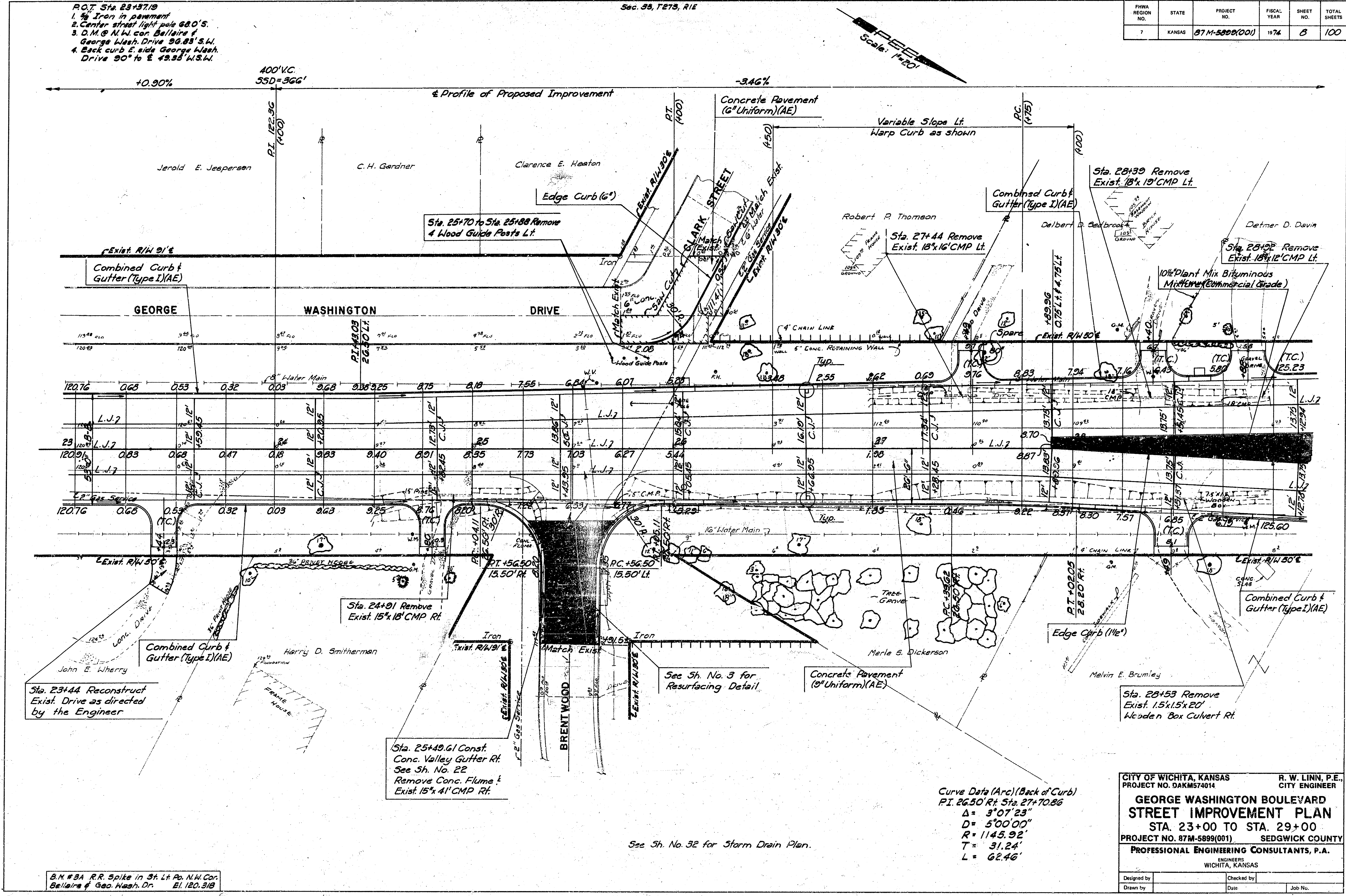




ROT Sta 23+37.19  
 1. 6" Iron in pavement  
 2. Center street light pole 6'0" S.  
 3. D.M. & N.W. con. Ballaire f  
 George Wash. Drive 96.88 S.W.  
 4. Back curb f. side George Wash.  
 Drive 90° to E 43.33 W.S.W.

Sec. 35, T27S, R1E

| FHWA<br>REGION<br>NO. | STATE  | PROJECT<br>NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|--------|----------------|----------------|--------------|-----------------|
| 7                     | KANSAS | 87M-5899(001)  | 1974           | 8            | 100             |



CITY OF WICHITA, KANSAS  
 PROJECT NO. DAKM574014  
**GEORGE WASHINGTON BOULEVARD STREET IMPROVEMENT PLAN**  
 STA. 23+00 TO STA. 29+00  
 PROJECT NO. 87M-5899(001) SEDGWICK COUNTY  
**PROFESSIONAL ENGINEERING CONSULTANTS, P.A.**  
 ENGINEERS  
 WICHITA, KANSAS

R. W. LINN, P.E.  
 CITY ENGINEER

|             |            |
|-------------|------------|
| Designed by | Checked by |
| Drawn by    | Date       |
|             | Job No.    |

2" N 34 R.R. Spike in 3" Lt. Po. N.W. Con. Ballaire f. Geo. Wash. Dr. E1.120.518

