

| FHWA REG NO. | STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|--------------|--------|--------------|------|-----------|--------------|
| 7 | KANSAS | 87 N-0212-01 | 2002 | 1 | 59 |

FEDERAL AID NO. STP-N021(201)
 PROJ. NO. 87 N-0212-01

GRADING
 SURFACING
 SEEDING
 TRAFFIC SIGNALIZATION
 PAVEMENT MARKINGS

INDEX OF SHEETS

| | | |
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| SHEET NO. | 1 | TITLE SHEET |
| | 2 | GENERAL NOTES & TYPICAL SECTIONS |
| | 3-6 | PLAN & PROFILE SHEETS |
| | 7-9 | PAVEMENT JOINTING PLAN |
| | 10-11 | JOINTING DETAILS |
| | 12 | CURB & GUTTER & COMBINED CURB & GUTTER |
| | 13 | STANDARD DRIVE ENTRANCES FULL HEIGHT CURB |
| | 14 | SIDEWALK AND STEPS |
| | 15 | WHEELCHAIR RAMP DETAILS |
| | 16 | STANDARD TYPE I CURB INLET |
| | 17 | SUMMARY OF QUANTITIES |
| | 18-26 | TEMPORARY PROJECT WATER POLLUTION CONTROL |
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| | 28-29 | TRAFFIC SIGNAL PLAN |
| | 30 | WIRING DIAGRAM & PHASING |
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| | 32-34 | TRAFFIC SIGNAL DETAILS |
| | 35-40 | TRAFFIC SIGNAL SPECIFICATIONS |
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| | 50 | GENERAL TRAFFIC CONTROL |
| | 51 | CHANNELIZING DEVICES |
| | 52 | TRAFFIC CONTROL SIGNS |
| | 53 | DETAILS FOR 1104 ('GIVE 'EM A BRAKE') SIGN |
| | 54 | SUMMARY OF DEVICES & RECAPITULATION OF QUANTITIES |
| | 55-59 | CROSS SECTIONS |

STATE OF KANSAS
DEPARTMENT OF TRANSPORTATION

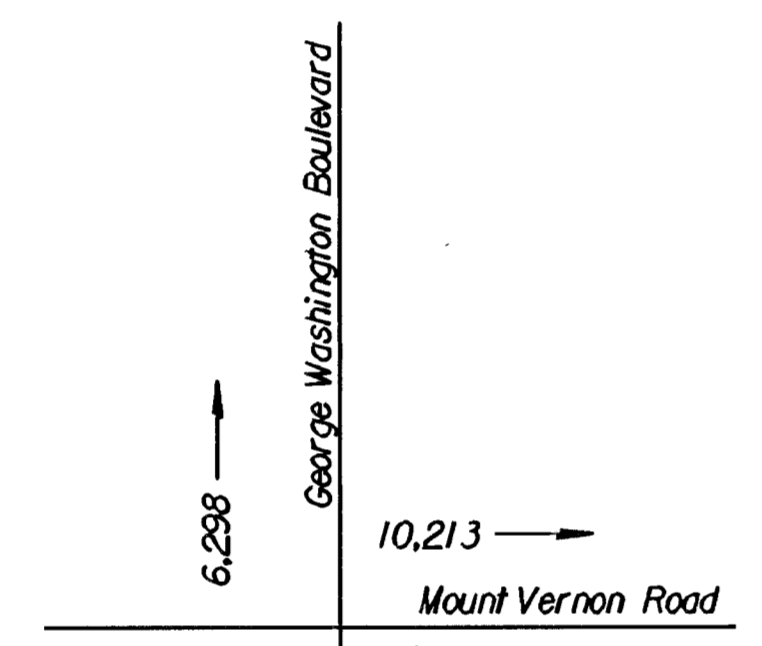


INTERSECTION IMPROVEMENT PLAN
AT
GEORGE WASHINGTON BOULEVARD AND
MOUNT VERNON ROAD

FEDERAL AID PROJECT

CITY OF WICHITA, KANSAS
 SEDGWICK COUNTY

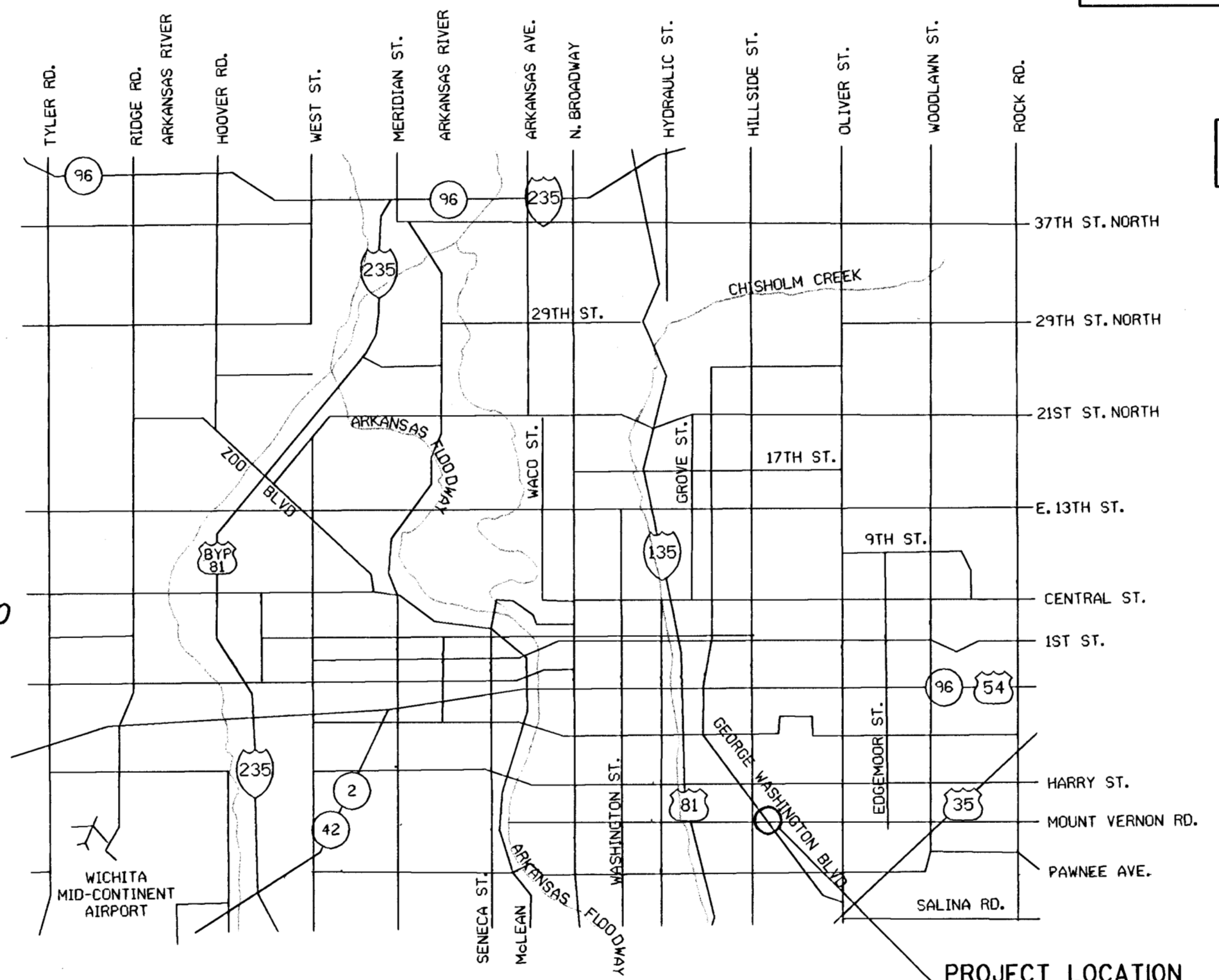
POPULATION 311,746



DESIGN DESIGNATION

GEORGE WASHINGTON BLVD. MT. VERNON ROAD

| | | |
|-------------|---------|---------|
| AADT (2000) | 5,777 | 8,666 |
| AADT (2030) | - | - |
| DHV | - | - |
| D | 55% SB | 59% WB |
| T | - | - |
| V | 70 km/h | 60 km/h |
| C of A | None | None |
| Clear Zone | 1.0 m | 1.0 m |



VICINITY MAP
 NOT TO SCALE

STATION 9+854.908 BEGIN PROJECT NO. 87 N-0212-01

STATION 49+968.286 BEGIN CONSTRUCTION

STATION 10+138.491 END PROJECT NO. 87 N-0212-01

STA. 9+765.645
 10 mm NAIL FOUND
 GEORGE WASHINGTON BLVD. & SKINNER ST. & CONTROL

STA. 10+000 GEORGE WASHINGTON BLVD. - STA. 50+000 MT. VERNON ROAD
 10 mm NAIL FOUND
 GEORGE WASHINGTON BLVD. & MT. VERNON ROAD & CONTROL

Section Corner Ties

- E 1/4 Corner, Sec. 35, T27S, R1E**
 19 mm Pipe Found
 1. Southwest corner traffic light base, 14.554 m Northeast
 2. Northwest corner traffic light base, 15.423 m Southeast
 3. Northeast corner traffic light base, 17.130 m Southwest
 4. Southeast corner traffic light base, 16.032 m Northwest
- N 1/6 Corner, SW 1/4, Sec. 35, T27S, R1E**
 25 mm Pipe Found
 1. 60d nail & washer set North face power pole, 24.823 m West Southwest
 2. 60d nail & washer set Northeast face power pole, 12.299 m Northwest
 3. 60d nail & washer set Southeast face power/light pole, 11.451 m Northeast

Street Control Reference Ties

- George Washington Blvd. & Skinner St.**
 10 mm Nail Found
 1. 60d nail & washer set in Northwest face light pole, 14.167 m Southwest
 2. 60d nail & washer set in Southwest face light pole, 23.534 m Southeast
 3. 60d nail & washer set in Northwest face light pole, 24.494 m Northeast
- George Washington Blvd. & Mt. Vernon Road**
 10mm Nail Found
 1. 60d nail & washer set West face 36" elm tree, 37.500 m Northeast
 2. 60d nail & washer set East face 24" elm tree, 44.153 m Northwest
 3. 60da nail & washer set Northwest face 24" elm tree, 17.883 m Northwest

STA. 50+120.198
 25 mm PIPE FOUND
 N 1/6 COR., SW 1/4, SEC. 35, T27S, R1E

PROJECT CONTROL

Note: Traffic shall be carried thru construction.
 Note: For Construction Sequence See Sh. No.'s 46-49.



All dimensions shown, without an S suffix, are in millimeters. All elevations shown are in meters.

| CONVENTIONAL SIGNS | |
|---------------------------------|--------------------------|
| COUNTY LINE | CENTER LINE OF PROJECT |
| 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 |
| RAILROADS | STREAM or CREEK |

| | |
|-------------------------|-----------|
| GROSS LENGTH OF PROJECT | 329.541 m |
| EXCEPTIONS | m |
| ADDITIONS | 0 |
| NET LENGTH OF PROJECT | 329.541 m |
| NET LENGTH OF BRIDGES | 0.00 m |
| NET LENGTH OF ROAD | 329.541 m |

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 FAX: (913) 762-7744

DATUM BENCHMARK: City of Wichita Benchmark Disk at NE corner of concrete base for traffic signal pole in SE quadrant of Intersection of Hillside Avenue & Mt. Vernon Road

U.S.G.S. ELEV. = 392.700
 WICHITA ELEV. = 30.776

THIS PROJECT IS IN THE CITY OF WICHITA DATUM USING METRIC CONVERSION.

| |
|---|
| RECOM. FOR APPROVAL-DATE |
| CHIEF, BUREAU OF TRAFFIC ENGINEERING KANSAS DEPARTMENT OF TRANSPORTATION |
| APPROVED - DATE |
| STATE TRANSPORTATION ENGINEER KANSAS DEPARTMENT OF TRANSPORTATION |

| |
|--------------------------|
| RECOM. FOR APPROVAL-DATE |
| CITY ENGINEER |
| APPROVED - DATE |

| | |
|------|-------------|
| DATE | BY |
| 1-00 | J. J. J. J. |
| 1-01 | J. L. L. |
| 1-01 | J. T. T. |
| 1-01 | C. M. M. |
| 1-01 | K. V. V. |

Drawn By: J. Trump
 DGN File: 2232 \ 2232TTL
 Plotted: 4-25-02

View