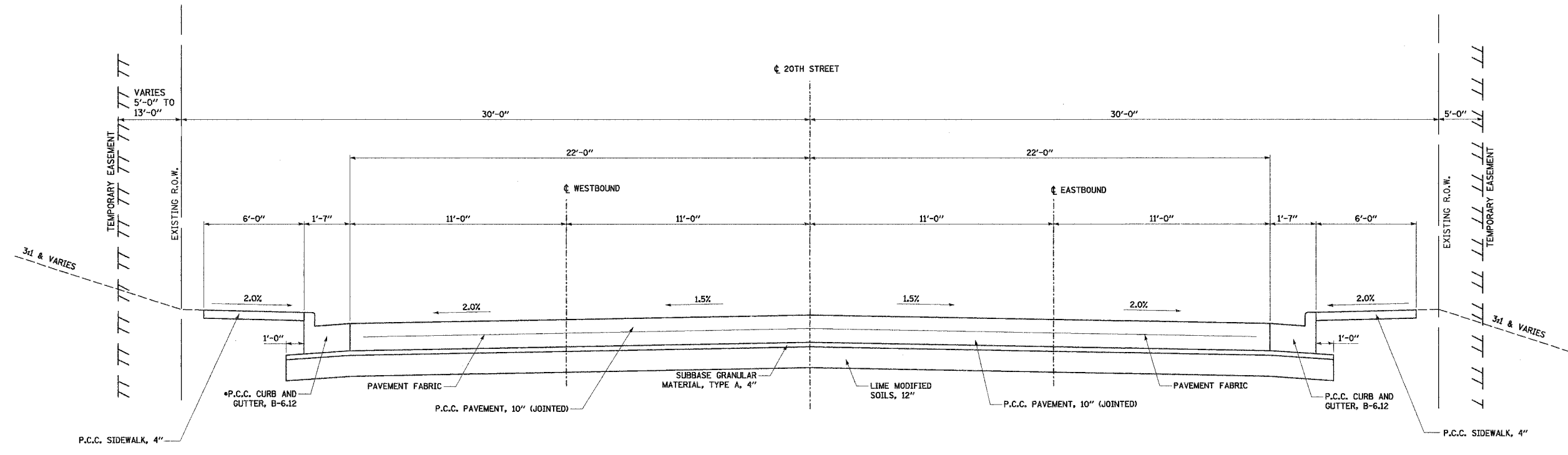


|                     |                |                  |              |           |
|---------------------|----------------|------------------|--------------|-----------|
| F.A.U. RTE.         | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 9089                | 04-00180-02-PV | MADISON          | 92           | 10        |
| FED. ROAD DIST. NO. | ILLINOIS       | FED. AID PROJECT |              |           |
| CONTRACT NO. 97299  |                |                  |              |           |

|                   |      |
|-------------------|------|
| BY                | DATE |
| ORIGINAL SURVEYED |      |
| NOTE BOOK         |      |
| PLOTTED           |      |
| TEMP. AREAS       |      |
| CHECKED           |      |
| NO.               |      |

|                   |      |
|-------------------|------|
| BY                | DATE |
| ORIGINAL SURVEYED |      |
| NOTE BOOK         |      |
| PLOTTED           |      |
| TEMP. AREAS       |      |
| CHECKED           |      |
| NO.               |      |



**20TH STREET PROPOSED TYPICAL SECTION**

STA. 110+34.87 TO STA. 132+65.83  
 STA. 132+95.93 TO STA. 133+20.83  
 STA. 133+50.83 TO STA. 141+82.60

**NOTE:**

1. MAXIMUM TRANSVERSE JOINT SPACING FOR 10" P.C.C. PAVEMENT IS 15.0'.
2. P.C.C. CURB AND GUTTER, B-9.12 SEE SCHEDULES FOR LOCATIONS

|  |               |
|--|---------------|
| <b>20TH STREET STRUCTURAL DESIGN TRAFFIC</b>                                   |               |
| STRUCTURAL DESIGN TRAFFIC  |               |
| DESIGN YEAR: 2016  |               |
| DESIGN YEAR ADT: 10630   |               |
| 64% PV   | 20% SU 16% MU |
| ROAD/STREET CLASSIFICATION: CLASS I  |               |
| PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE PV = 25% SU = 25% MU = 25% |               |
| TRAFFIC FACTOR = 3.99  |               |
| MINIMUM SOIL SUPPORT IFR = 3.0 (ASSUMED)                                       |               |
| PAVEMENT STRUCTURE MATERIALS:  |               |
| RIGID PAVEMENT - 10" JOINTED REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT      |               |
| 4" GRANULAR SUB-BASE   |               |

**Juneau Associates, Inc. P.C.**  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 2100 State Street, P.O. Box 1325 Granite City, Illinois 62040 Phone: (618) 871-1400/1411-4122-5530 Fax: (618) 871-4541  
 100 North Research Drive Granite City, Illinois 62040 Phone: (618) 859-0000/1411-4122-5530 Fax: (618) 859-0911

**PROPOSED TYPICAL SECTIONS**  
 F.A.U. ROUTE 9089  
 20TH STREET (PHASES II, III & IV)  
 GRANITE CITY, ILLINOIS  
 SECTION No. 04-00180-02-PV

| REVISIONS |      |    |         |
|-----------|------|----|---------|
| NO.       | DATE | BY | REMARKS |
|           |      |    |         |
|           |      |    |         |
|           |      |    |         |

|               |                 |            |                     |
|---------------|-----------------|------------|---------------------|
| SCALE: N.T.S. |                 |            |                     |
| DSN. BY:      | SAS             | DATE:      | 12/26/06            |
| DWN. BY:      | SAS             | DATE:      | 12/26/06            |
| CHK'D:        | BFK             | DATE:      | 12/26/06            |
| DWG. NO.      | JOB NO. E030204 | DGN. NAME: | TYP-PROP OF 92 SHTS |