

| ROUTE NO. | SECTION | COUNTY | | TOTAL SHEETS | SHEET NO. | SH |
|-----------------------|---------|------------|-------------------|-----------------|--------------|----|
| FAP 301 | 24BR-1 | JO DAVIESS | | 50 | 11 | 20 |
| TED. ROAD DIST. NO. 7 | | ILLINDIS | FED. ALD PROJECT- | | | |

ND. 1 HEETS

SEQUENCE OF CONSTRUCTION

Provide Traffic control for Pre-Stage I construction as shown on the Roadway Plans. Remove and replace beam Beam #8 Span 3 as shown on sheet 19 and 20.

Provide Traffic control for Stage I construction as shown on the Roadway Plans. Perform Stage I removal and construction as shown in the plans.

Provide Traffic control for Stage II Construction as shown on the Roadway Plans. Perform Stage II removal and construction as shown in the plans.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS 2002 AASHTO DESIGN STRESSES

<u>NEW & EXISTING CONSTRUCTION</u> FIELD UNITS

- f'c = 5,000 psi (Concrete Wearing Surface) f'_ = 3,500 psi (All other)
- fy = 60,000 psi (reinforcement)
- PRECAST PRESTRESSED UNITS f'_c = 5,000 psi
- f'ol = 4,000 psi
- $f'_s = 270,000 \text{ psi} (2'' \phi \text{ low relax strands})$
- $f_{sl} = 201,960 \text{ psi} (\frac{1}{2})^{\circ} \text{ low relax strands}$



GENERAL PLAN AND ELEVATION

U.S. 20 OVER RUSH CREEK F.A.P. ROUTE 301 - SEC. 24BR-1 JO DAVIESS COUNTY STATION 2023+29.43 S.N. 043-0036