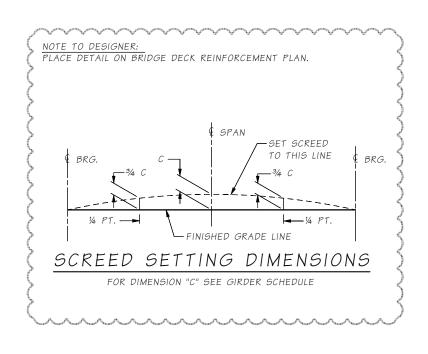
| | GIRDER SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-----------------|----------|---------------|--|-------------------|-----------|--------------------|-----|---|---|-------|--|-------------------------|----------|--------|----------|---|---|-------------------------------|---------------------|---------|---------------------|-----------------------|--------------------|--------------------------|--------------------------|-------------|-------------------------------|--------|---------|--------------|--|------|-----|--------------------|---|---|----|---------------------------|----------------------------|
| SPAN | | | TOP FLANGE | PLAN LENGTH | INT. DIAPHRAGM | | GIRDER END DETAILS | | | | | MIN. CONC. NUMBER OF STRANDS LOCATION OF COMP. STRENGTH (SEE GIRDER NOTE 2) C.G. STRANDS | | | | | | | STRAIGHT STRANDS TO EXTEND | | | | MIDSPAN VERTICAL | | REINFORCEMENT DETAILS | | | SHIPPING AND HANDLING DETAILS | | | | | | | | | | | | |
| | ω. | ERIES | WIDTH W | (ALONG GIRDER GRADE) (SEE GIRDER NOTE 1) | TYPE (FULL OR | | | 111 | ш | Ш | .d Θ1 | θ2 | P1 | P2 | 10 | lu | | | <u>}</u> | F E | Fo | END | 1 | END 2 | 2 | NOS NGS | REED R C | DEFLECTION D | | ZONE | 1 ZONE 2 ZOI | | ZONE | E 3 | MAXIMUM MIDSPAN | L | L1 | L2 | K _O MINIMUM | W _{CC} MINIMUM |
| | GIRDE | GIRDER S | | | E GIRDER | END 1 TYP | END 2 TYP | | | | | @ 28-DAY9 F'C (KSI) | Ø RELEASH F'CI (KSI) | STRAIGHT | HARPED | TEMPORAR | | | STRANDS | EXTENSION LENGTH | STRANDS | EXTENSION LENGTH | "A" DIMENS & BEARI | DECK SCI CAMBER | OWER BOUND @ 40 DAYS | PPER BOUND @ 120 DAYS | SPACING | LENGTH | LENGTH | SPACING | LENGTH | VERTICAL DEFLECTION AT SHIPPING | | | | SHIPPING SUPPORT ROTATIONAL SPRING CONSTANT | SHIPPING SUPPORT CNTRTO-CNTR. WHEEL SPACING | | | |
| - | - | - | - | - | - | - | | | - | - | - | - | - | - | - | | - | - | ?TO? | , - | @TO? | - | - | - | 7 | 2 | - | | - | - | - | - | - | - | - | (KIP-IN/RAD) | - | | | |
| - | - | - | - | - | - | - | | | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | | - | ı | - | ē | - | - | - | - | - | | | |

NOTES TO DESIGNER:

- 1. WF THIN DECK GIRDER DETAIL SHEETS 2 TO 5 ARE INTENDED TO BE USED AS IS WITHOUT NEED FOR MODIFICATION FOR MOST PROJECTS. PROJECT SPECIFIC GIRDER DETAILS ARE THEN LIMITED TO THE GIRDER SCHEDULE. WF THIN DECK GIRDER DETAIL SHEET 5 MAY BE OMITTED IF TEMPORARY TOP STRANDS ARE NOT USED.
- 2. ZONE 1 IS INTENDED TO BE THE SPLITTING RESISTANCE ZONE DEFINED BY BDM 5.6.2.F. ZONE 2 IS INTENDED TO BE THE CONFINEMENT REINFORCEMENT ZONE DEFINED BY BDM 5.6.2.G.
- 3. DIMENSIONS IN THE GIRDER SCHEDULE SHALL BE SHOWN TO THE NEAREST 1/2" EXCEPT THE "A" DIMENSION WHICH SHALL BE SHOWN TO THE NEAREST 1/4".
- 4. THE NUMBER OF HARPED STRANDS SHOULD NOT EXCEED HALF THE NUMBER OF STRAIGHT STRANDS UNLESS THE STRAIGHT STRAND PATTERN IS FULL.
- 5. MINIMUM WIDTH "W" SHALL BE 5'-O" TO ALLOW FOR INSPECTION ACCESS. MAXIMUM WIDTH "W" SHALL BE 8'-O".
- 6. PROVIDE A LONGITUDINAL #4 IN CIP DECK INSIDE EXTENDED G1
 AND G3 HOOKS IN ADDITION TO THE DECK REINFORCEMENT.
- 7. ENSURE HARPED STRANDS EXIT GIRDER END BELOW BLOCKOUT FOR END TYPES B AND D.



GIRDER NOTES

- 1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
- 2. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE 0.6"Ø AASHTO M203 GRADE 270 LOW RELAXATION STRANDS, JACKED TO 202.5 KSI (43.94 KIPS PER STRAND).

| | Bridge Design Engr. | M:\STANDARDS\Girders\WFTDG\WFTD GIRDER DETAILS 1 OF 5.MAN | | | | | | | | | | | | | |
|----|-----------------------|---|----------|----|-------|---------------|---------|--------------------|--------------|-----------------|--|--|--|--|--|
| i | Supervisor | | | | | REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS | | | | | |
| ٠. | Designed By | | | | | | | | | | | | | | |
| Ш | Checked By | | | | | 10 WASH | | | | | | | | | |
| | Detailed By | | | | | TOR N | NUMBER | | | | | | | | |
| 1 | Bridge Projects Engr. | | | | | 3061 | NOPIDER | | | | | | | | |
| _ | Prelim. Plan By | | | | | | | | | | | | | | |
| | Architect/Specialist | DATE | REVISION | BY | APP'D | | | | | | | | | | |

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

> WF THIN DECK GIRDER DETAILS 1 OF 5