See Brace Wire

END POST

Use stack spans of fence from pull post to pull post.

Ground Line

See Brace Wire

Normal Fencing

Pull Post

NORMAL FENCING

More than 160' or less

Distance equal to or less than 160' to next pull post.

GATE

See Brace Wire

Distance more than 160' but equal to or less than 960' to next pull post.

Pull Post Assembly is required when the distance between pull posts is greater than 990 feet in straight lines of fence.

Possible Contract Items:
- Deer Fence
- Deer Fence Brace Panels
- Deer Fence Gate
- Field Fence
- Field Fence Brace Panel
- Field Fence Gate

Possible Tabulation:
100-7

Double wrap barbed wire and tie off at end posts, corner posts, and line brace posts. Single wrap woven wire and tie off. Restart fence to be continued, in like manner.

Fence wire fabric may be placed on either the road side or the field side of posts, depending on local conditions; i.e., on curves, the wire should be placed on the side which would result in the least amount of tension on the staples. This will also apply where wind, drift, or other conditions would exert unusual pressure against the wire.

Refer to MI-104 for fencing at Channel Crossings, Minor Groud Depressions, and Flood Plains.

1. Brace Panel.
2. Brace Wire: 4 strands of No. 9 wire.
3. Details indicate placement of granular material for certain posts. The Contractor has the option to drive posts if method demonstrated is satisfactory to the Engineer. Granular material will not be required for driven posts.
4. Metal brace 8 feet long.
5. Wrap wire fabric around post.
6. Pull Post Assembly is required when the distance between pull posts is greater than 990 feet in straight lines of fence.
1. Brace Panel.
2. Brace Wire: 4 strands of No. 9 wire.
3. Details indicate placement of granular material for certain posts. The Contractor has the option to drive posts if method demonstrated is satisfactory to the Engineer. Granular material will not be required for driven posts.
4. Metal brace 8 feet long.
5. Wrap wire fabric around post.
6. Unless specified otherwise, install a 16 foot gate. Double gate is required only for widths more than 16 feet. Exact details of gate design are subject to the approval of the Engineer. Install as recommended by the manufacturer.
弹簧加载的铰链允许栅栏门分开并返回到原始位置。

1. 两个2英寸 x 2英寸 x 1/2英寸的L型杆由1/2英寸直径的螺栓固定。
2. 将每个螺栓上的螺母和垫圈。
3. 支撑板3英寸 x 1/2英寸 x 37英寸。
4. 2英寸 x 2英寸 x 54英寸的结构钢管焊接到铰链板。
5. 1/2英寸直径的8英寸长螺栓焊接到支撑板。
FENCE TERMINATION AT BRIDGES

- Top of post to be lower than bridge rail.
- Metal Chain Link Fence Post (2½'' Dia.).
- End Post Assembly.
- Concrete Encasement (approx. 1.5 cu. ft.).

FENCE TERMINATION AT STRUCTURES

- Base post (when necessary) connected to eye bolt on culvert wall or set 4 inch post greater.
- Place minimum of four (4) barbed wires fan shaped, connected to eye bolt on culvert wall or set 4 inch post when necessary.

BOX CULVERTS OR STOCK PASSES 4 FEET OR LARGER

- End Post Assembly.
- Embankment Slope.
- Concrete Encasement.
- Concrete Encasement.
- End Post Assembly.
- Embankment Slope.

DEER FENCE AND FIELD FENCE CONSTRUCTION

REVISIONS:

- Added Designer Info button.

APPROVED BY DESIGN METHODS ENGINEER
Crimp Connectors that will develop a strength of at least 85% of the wire strength.

CRIMP CONNECTION

Make a minimum of four tight wraps on the connecting wire. Ends of the wrap to be trimmed flush.

IN-LINE CONNECTION

Wrap wire around post, rod or other wire. Make a minimum of four tight wraps back around itself. Ends of the wrap to be trimmed flush.

SELF-WRAP CONNECTION

Wrap wire around post, rod or other wire. Make a minimum of four tight wraps back around itself. Ends of the wrap to be trimmed flush.

APPROVED WIRE CONNECTIONS

Before Stretching

Tension Curve

After Stretching

STRETCHING DETAILS

Crimp Connection

Self-Wrap Connections

SPICE WITH ROD

Crimp Connection

Self-Wrap Connections

CRIMP SPLICE

End of Stay Wires

In-Line Connection

OVERLAP SPLICE

Splicing Tool

FABRIC SPLICES

Crimp Connectors that will develop a strength of at least 85% of the wire strength.

Tension curve consists of a "U" shaped crimp in the fence wires and has the same effect as a spring. Stretch to 50% removal of the factory crimp.

Crimp connection and in-line connection are also acceptable brace wire splices.

10-20-15

STANDARD ROAD PLAN

DEER FENCE AND FIELD FENCE CONSTRUCTION
STEP 1: From Wire Roll

STEP 2: Wrap around post

STEP 3: Wrap around post

STEP 4: Wrap around post

STEP 5: Wrap around post

STEP 6: Wrap around post

1. Brace Wire: 4 strands of No. 9 wire.
2. Metal brace is 8 feet long.
3. Set staples cross-wise to the grain. Drive staples tight at pull posts. Drive all other staples firm, but loose enough to allow lateral movement of the wire.
4. Twist the two brace wires together to produce proper tension in the brace assembly.

BRACE WIRE INSTALLATION

(Insert wire wrapped the same at the bottom of post.)

STAPLES

WIRE ASSEMBLY