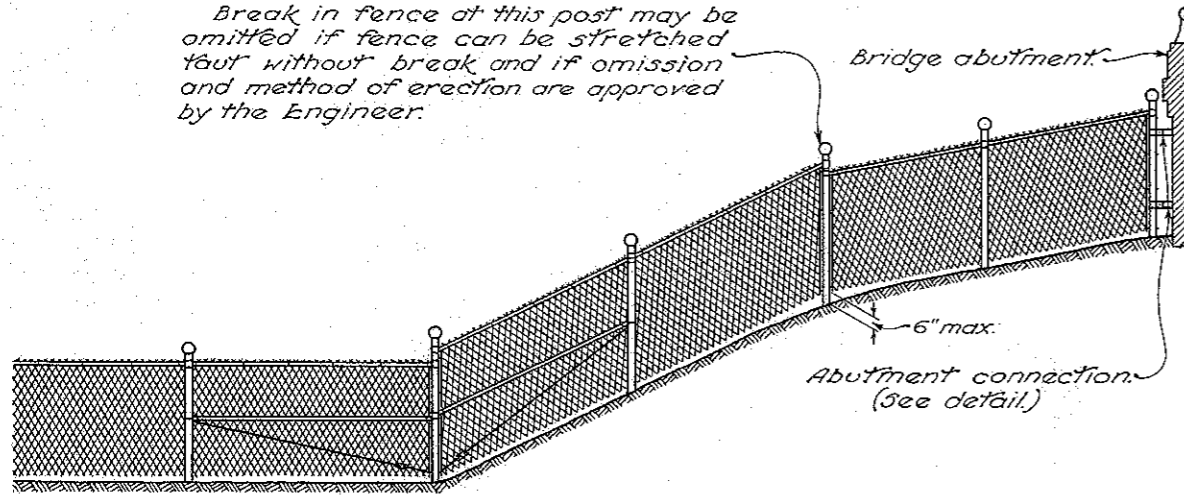
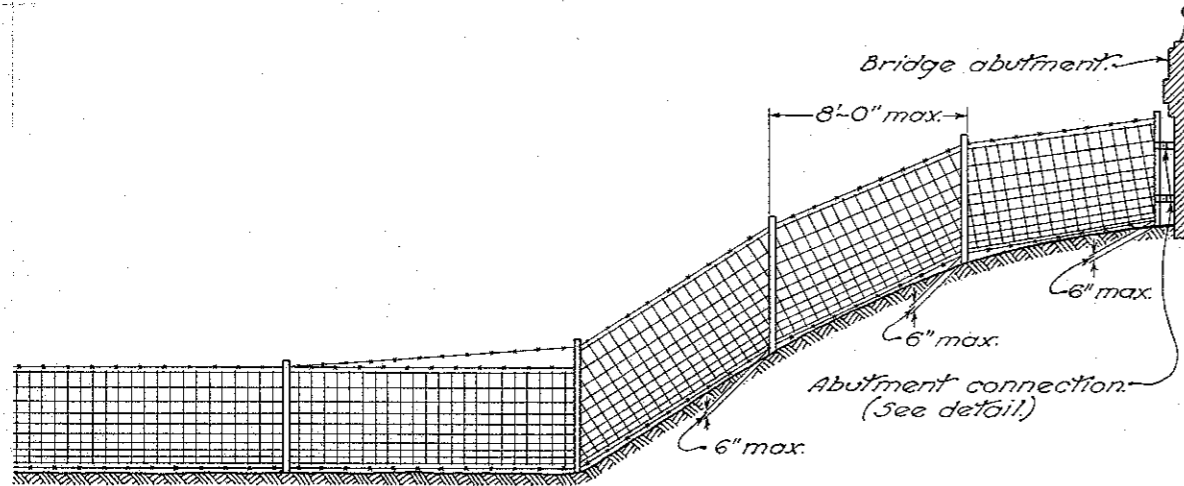


SPECIAL FENCE DETAILS

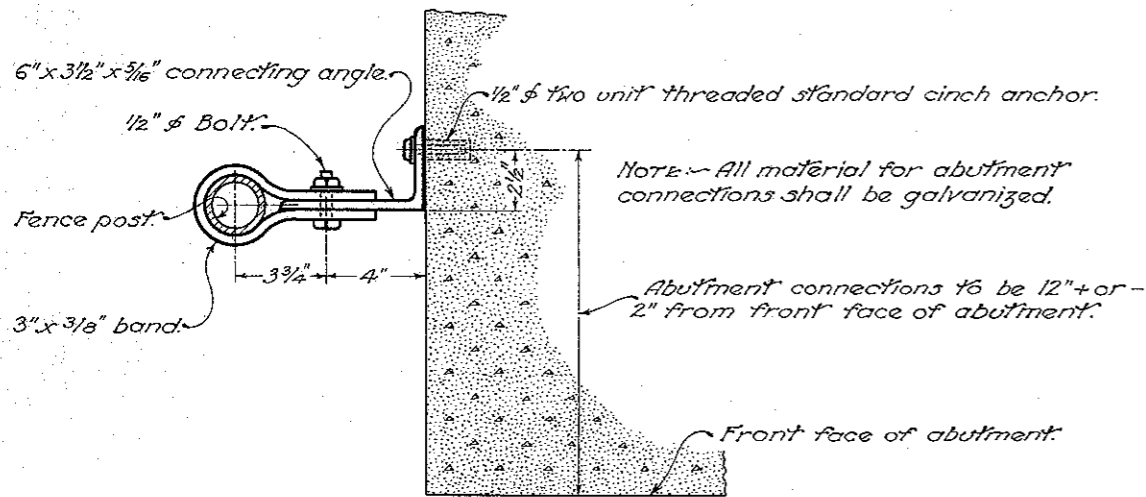
Break in fence at this post may be omitted if fence can be stretched taut without break and if omission and method of erection are approved by the Engineer.



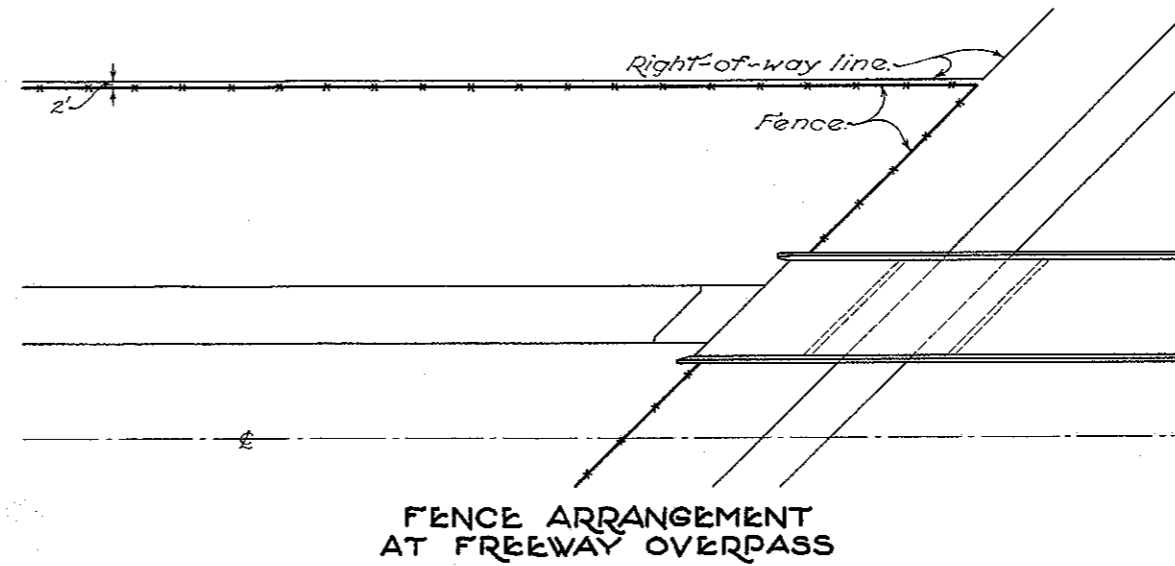
TYPE C FENCE



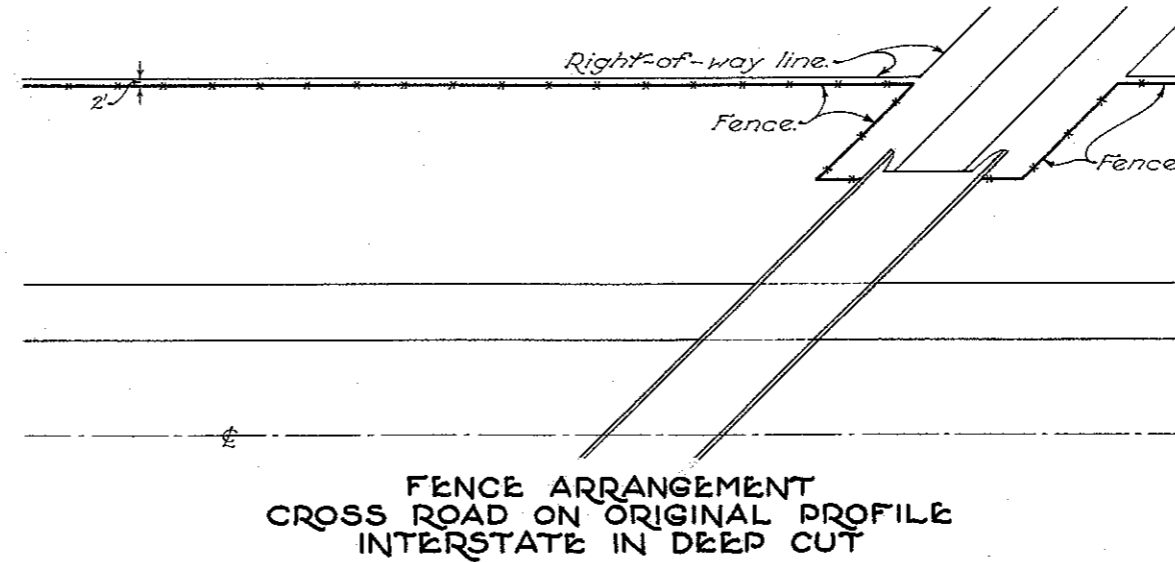
TYPE D FENCE



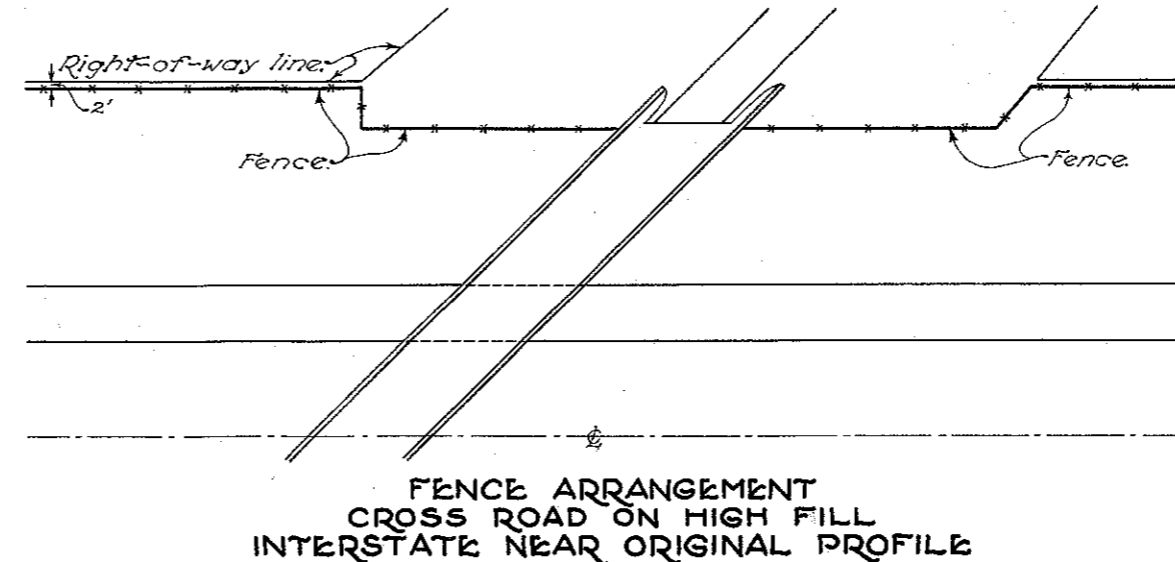
ABUTMENT CONNECTION



FENCE ARRANGEMENT AT FREEWAY OVERPASS



FENCE ARRANGEMENT CROSS ROAD ON ORIGINAL PROFILE INTERSTATE IN DEEP CUT



FENCE ARRANGEMENT CROSS ROAD ON HIGH FILL INTERSTATE NEAR ORIGINAL PROFILE

NOTES

GENERAL: Details shown hereon shall be used in conjunction with standard drawings F-1 and F-2.
ABUTMENT CONNECTION: Cost of furnishing and installing connecting bands, angles, bolts, cinch anchors, etc., shall be included in the unit price bid per lineal foot of fence.

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

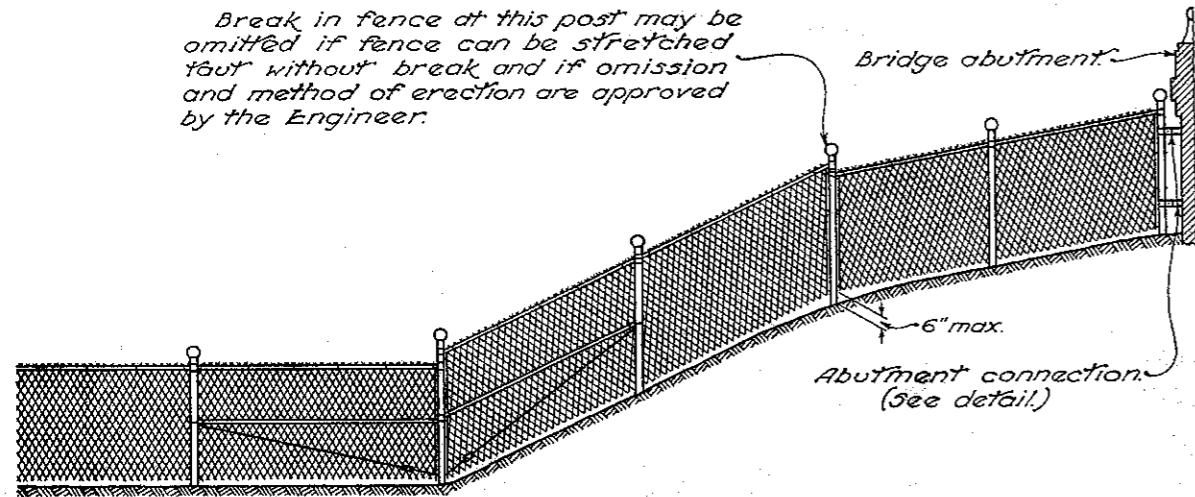
DATE
10-1-58

FENCE

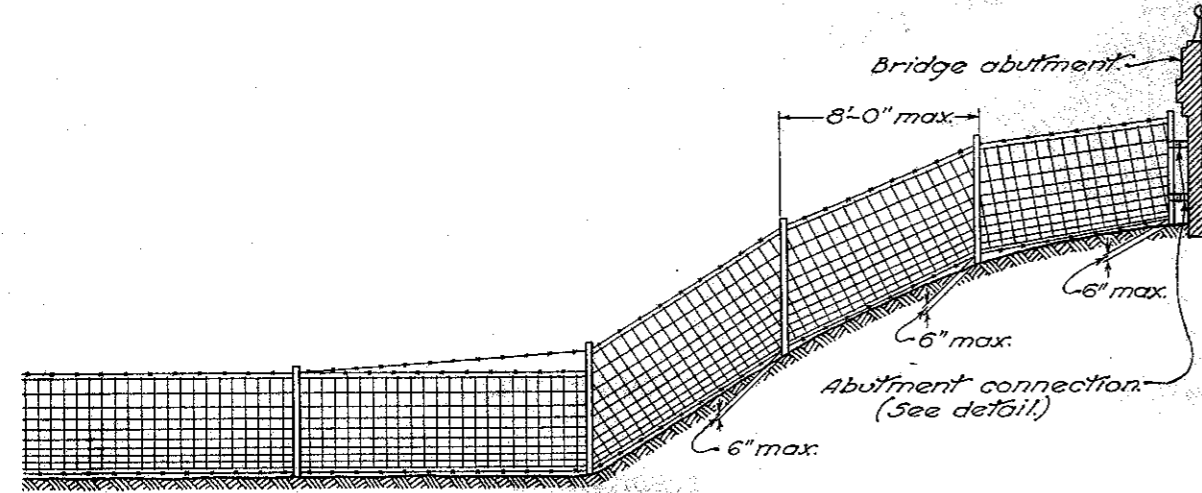
STANDARD CONSTRUCTION DRAWING F-3
 APPROVED *[Signature]* ENGR. L. & D.

SPECIAL FENCE DETAILS

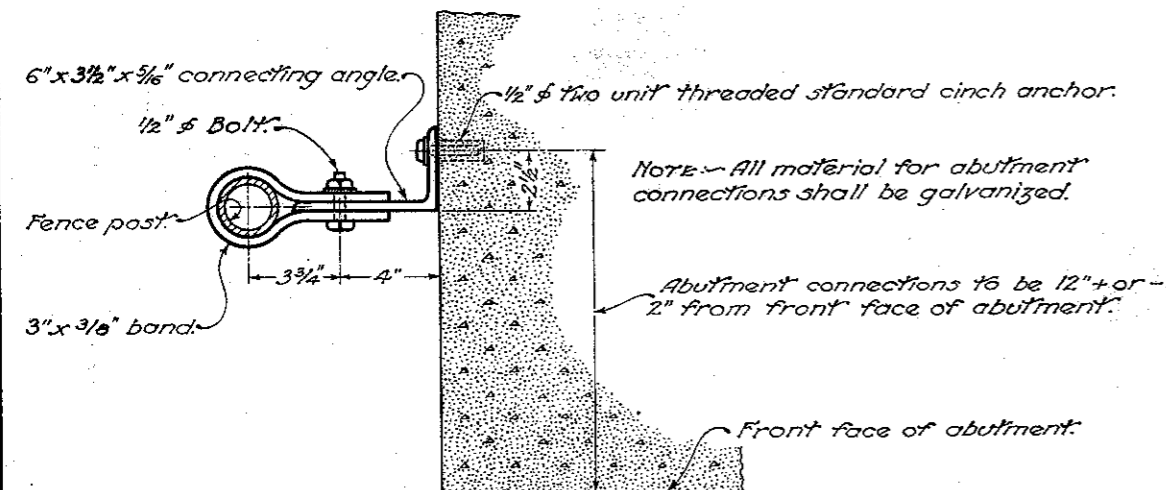
Break in fence at this post may be omitted if fence can be stretched taut without break and if omission and method of erection are approved by the Engineer.



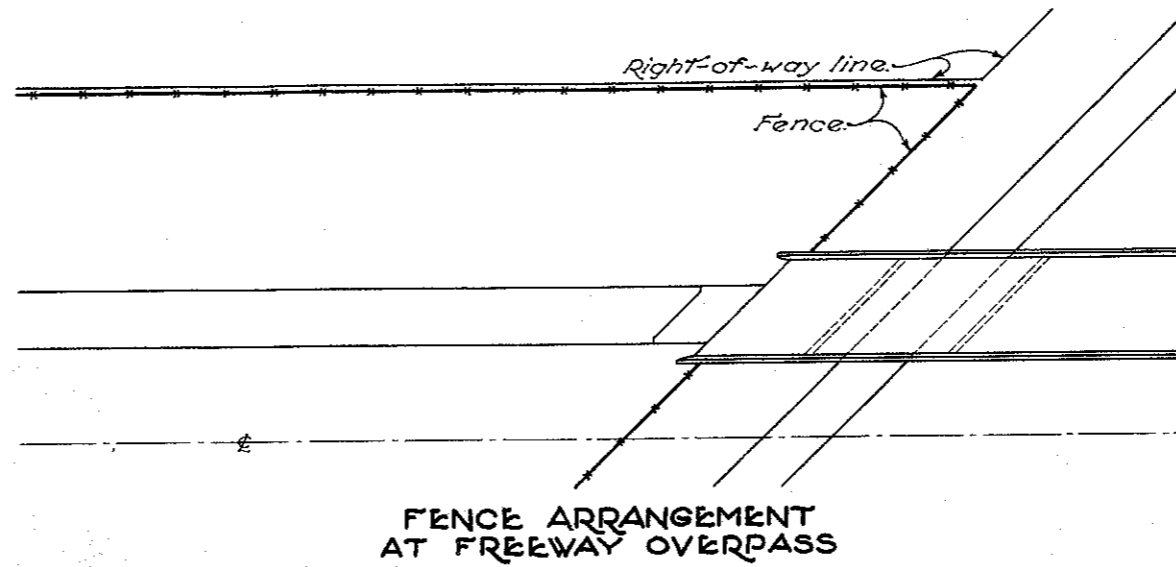
TYPE C FENCE



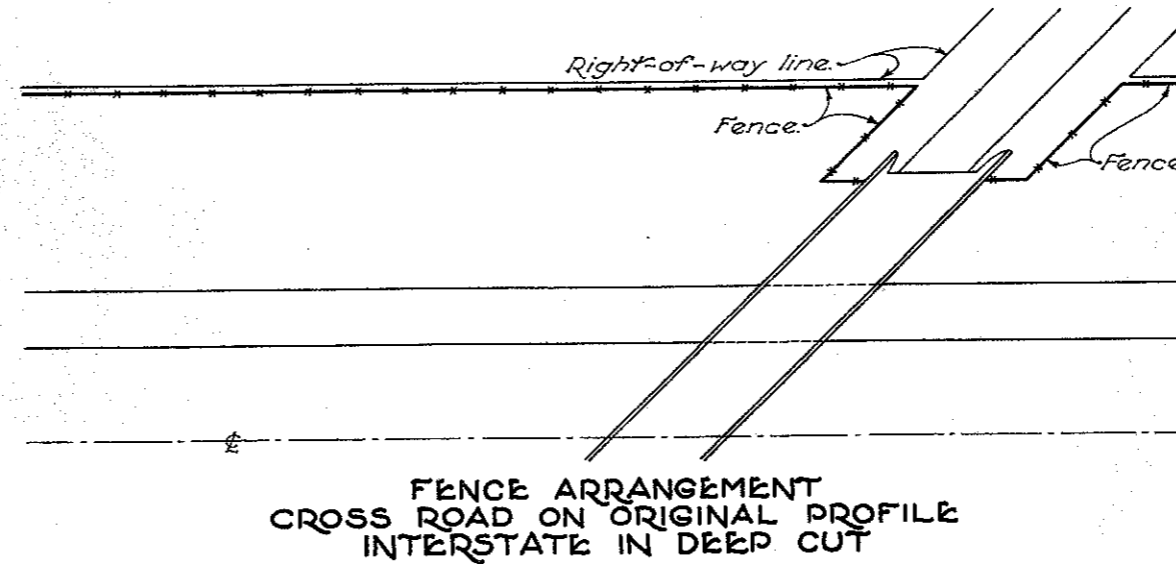
TYPE D FENCE



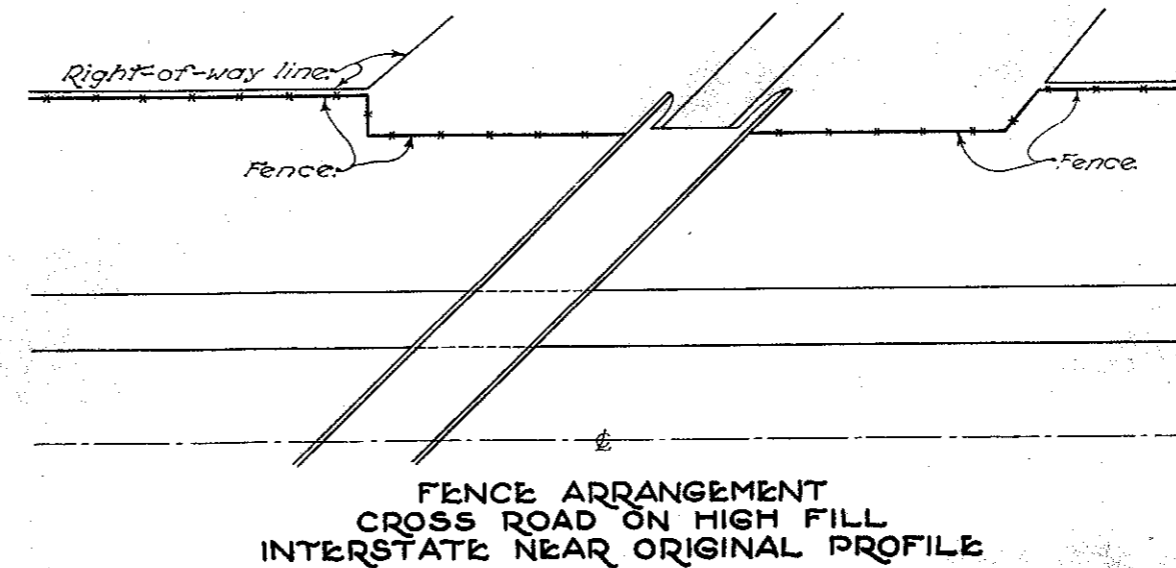
ABUTMENT CONNECTION



FENCE ARRANGEMENT AT FREEWAY OVERPASS



FENCE ARRANGEMENT CROSS ROAD ON ORIGINAL PROFILE INTERSTATE IN DEEP CUT



FENCE ARRANGEMENT CROSS ROAD ON HIGH FILL INTERSTATE NEAR ORIGINAL PROFILE

NOTES

GENERAL:—Details shown hereon shall be used in conjunction with standard drawings F-1 and F-2.

ABUTMENT CONNECTION:—Cost of furnishing and installing connecting bands, angles, bolts, cinch anchors, etc., shall be included in the unit price bid per lineal foot of fence.

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

FENCE

STANDARD
CONSTRUCTION
DRAWING

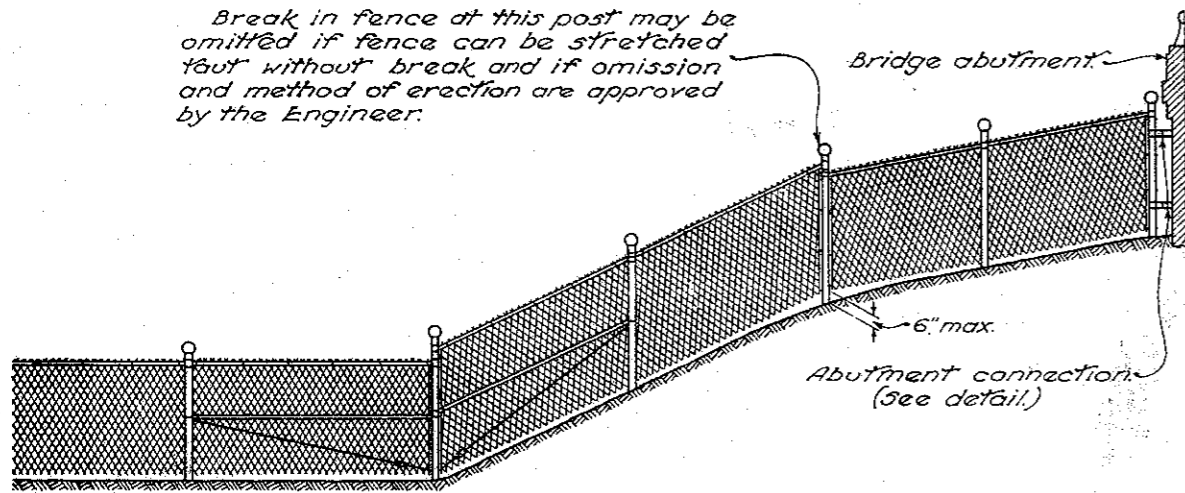
F-3

APPROVED *[Signature]* ENGR. L. & D.

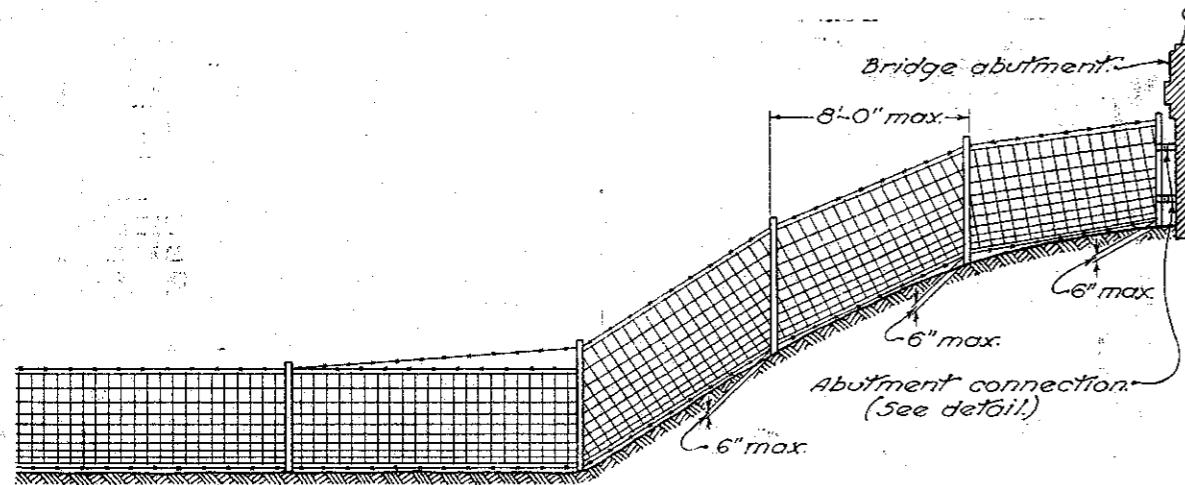
DATE:
10-1-58
9-1-59

SPECIAL FENCE DETAILS

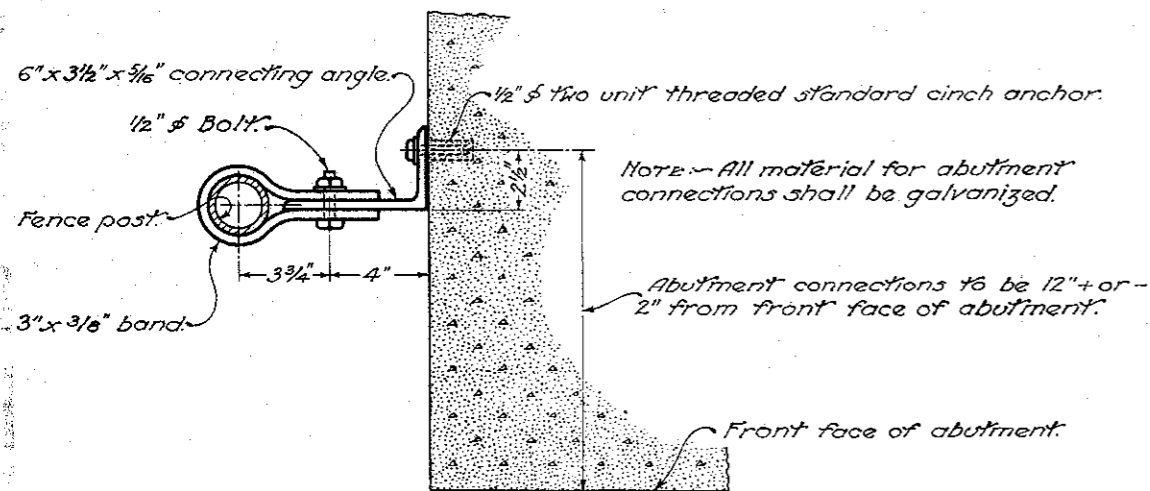
Break in fence at this post may be omitted if fence can be stretched tight without break and if omission and method of erection are approved by the Engineer.



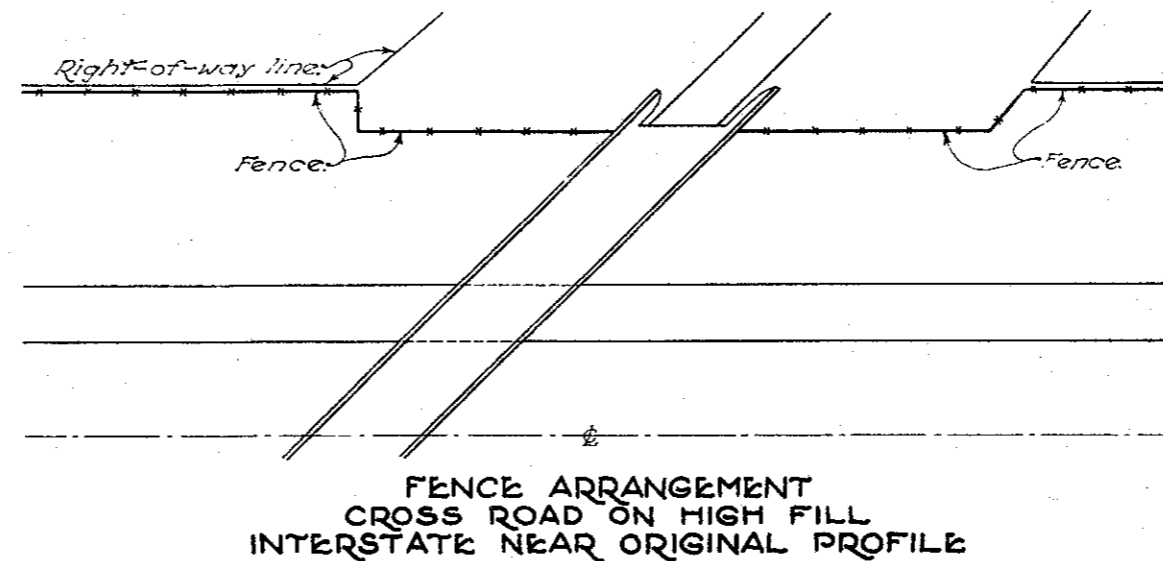
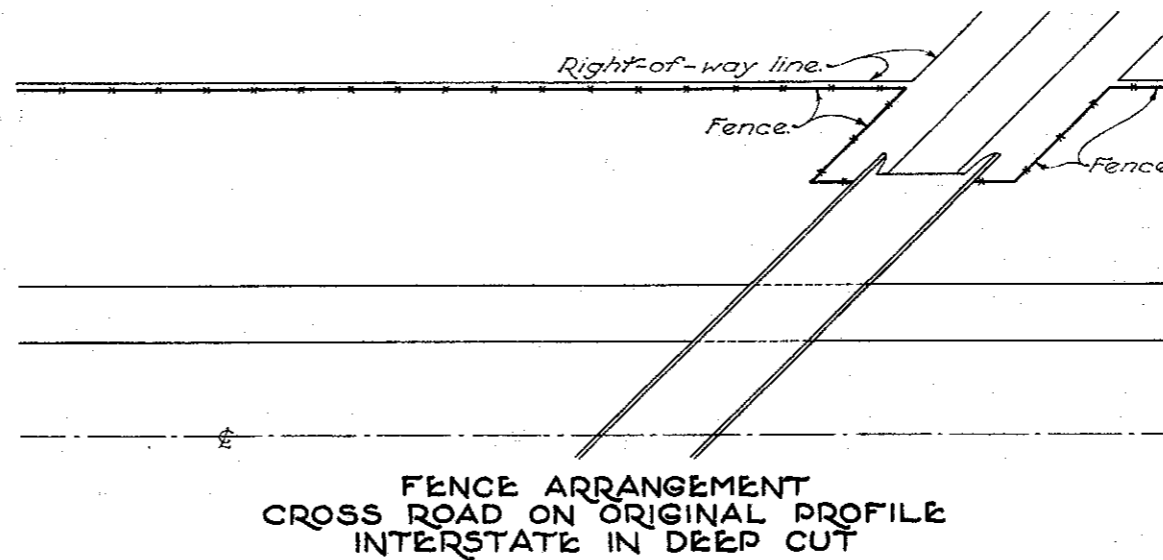
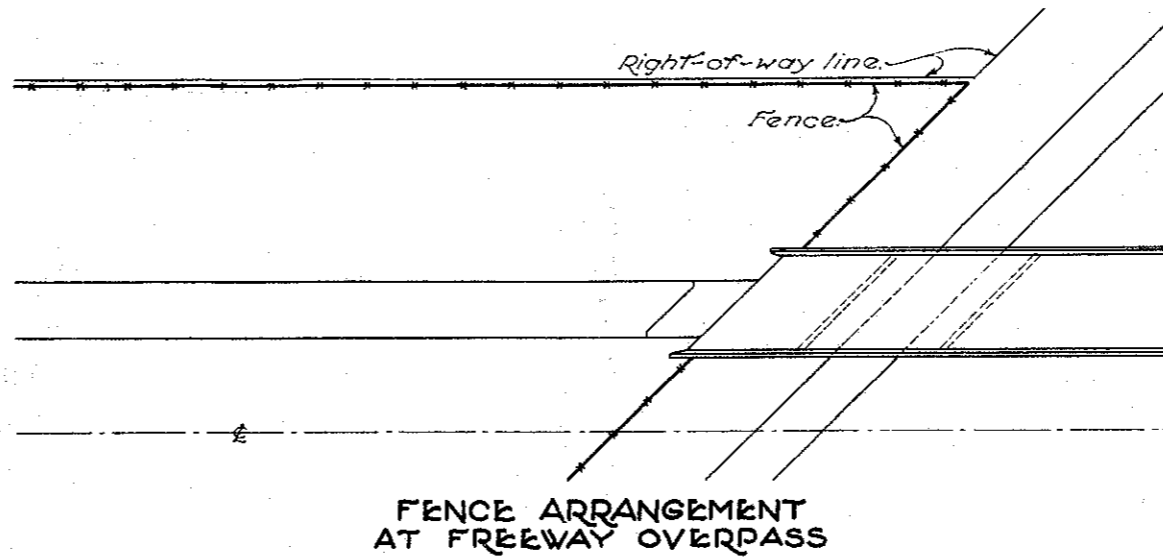
CHAIN LINK FENCE



WOVEN WIRE FENCE



ABUTMENT CONNECTION



NOTES

GENERAL: Details shown hereon shall be used in conjunction with standard drawings F-1 and F-2.

ABUTMENT CONNECTION: Cost of furnishing and installing connecting bands, angles, bolts, cinch anchors, etc., shall be included in the unit price bid per lineal foot of fence.

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

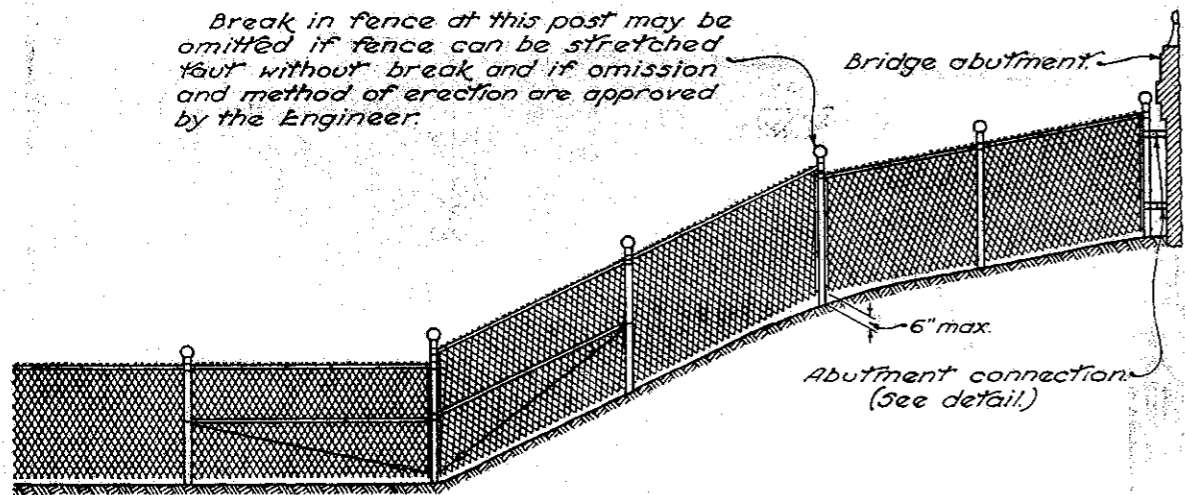
FENCE

STANDARD CONSTRUCTION DRAWING **F-3**
APPROVED *R.M. [Signature]* ENGR. L. & D.

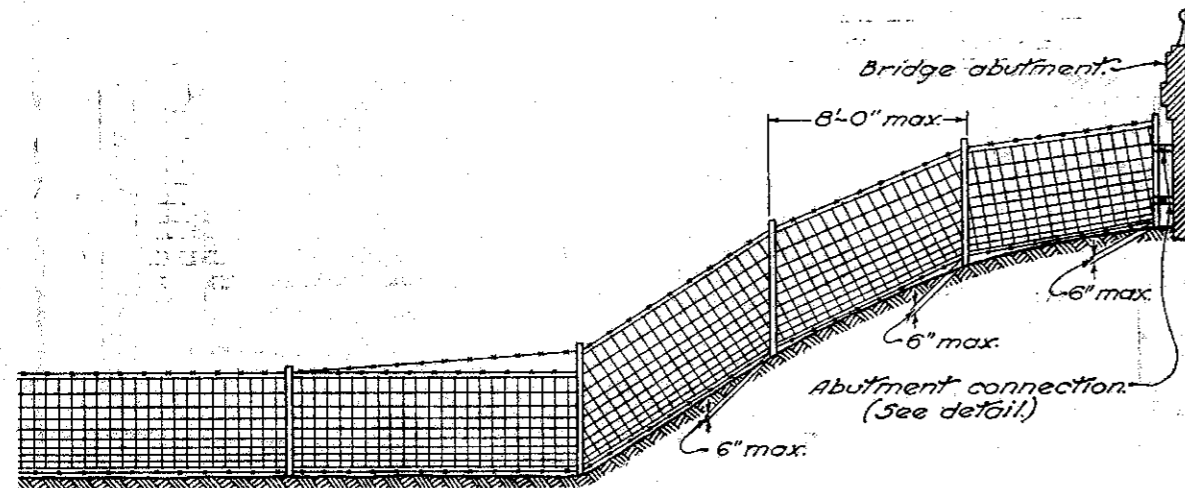
DATE
2-1-63

SPECIAL FENCE DETAILS

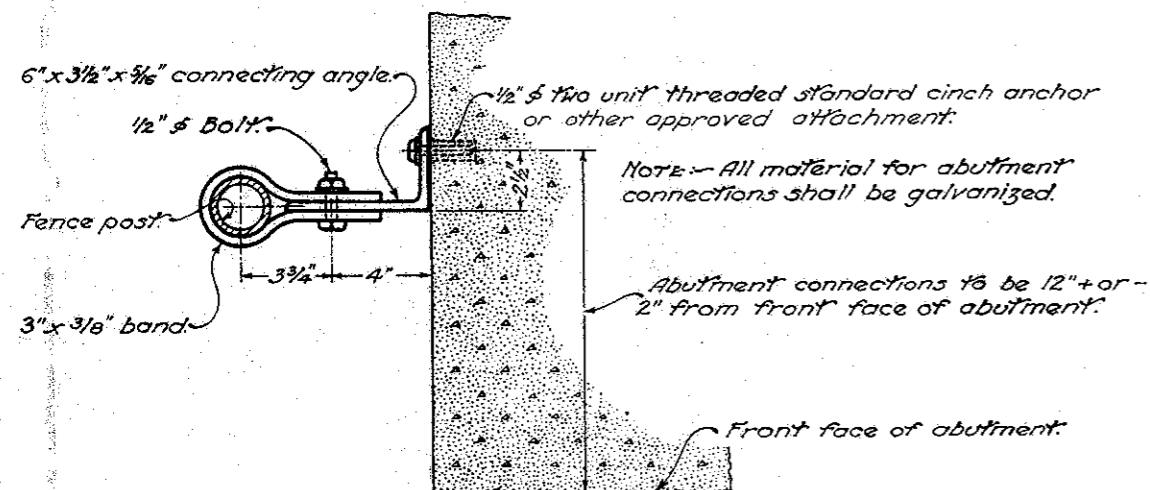
Break in fence at this post may be omitted if fence can be stretched tight without break and if omission and method of erection are approved by the Engineer.



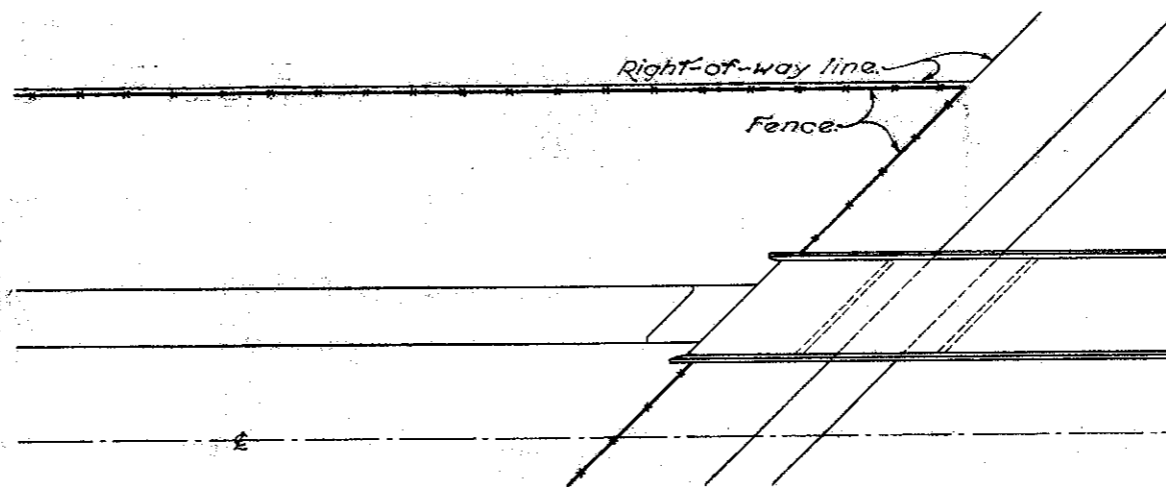
CHAIN LINK FENCE



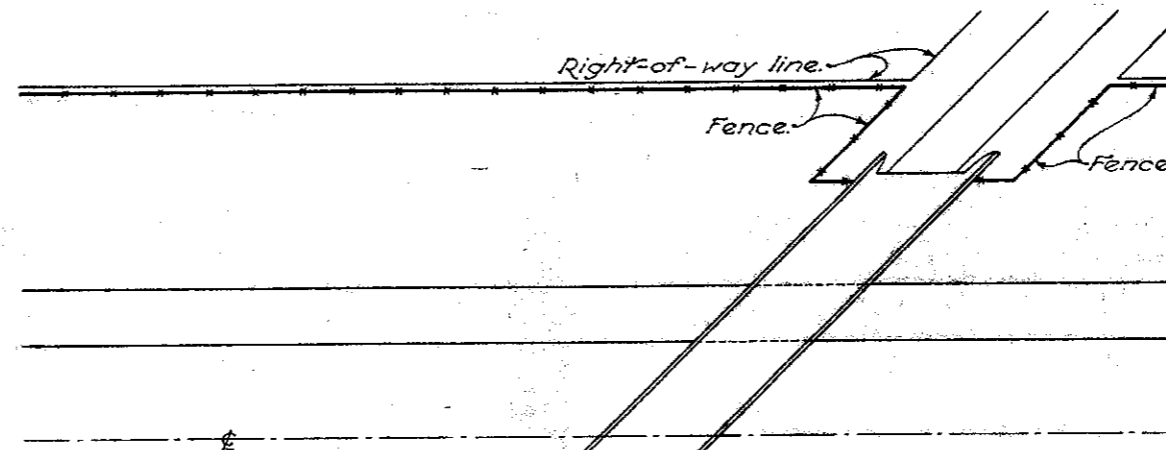
WOVEN WIRE FENCE



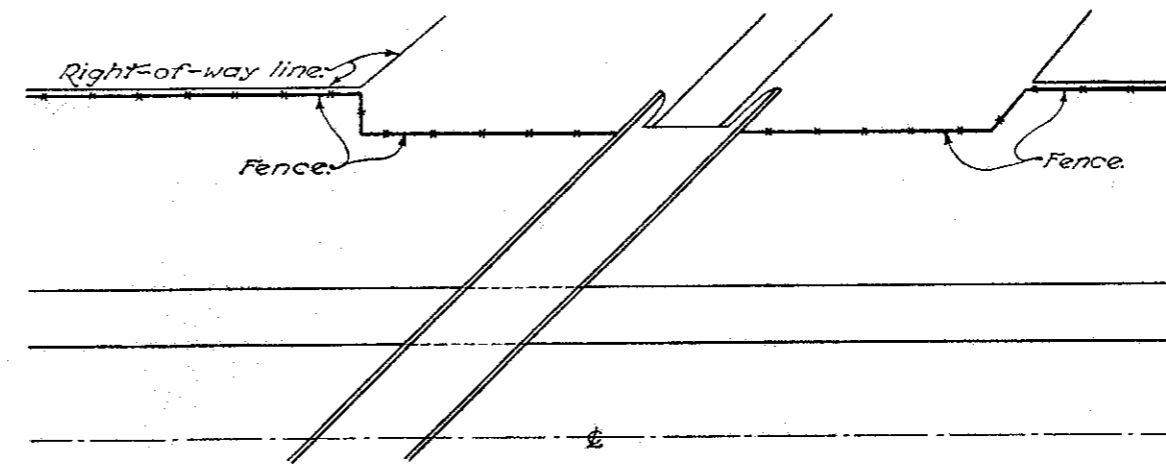
ABUTMENT CONNECTION



FENCE ARRANGEMENT AT FREEWAY OVERPASS



FENCE ARRANGEMENT CROSS ROAD ON ORIGINAL PROFILE FREEWAY IN DEEP CUT



FENCE ARRANGEMENT CROSS ROAD ON HIGH FILL FREEWAY NEAR ORIGINAL PROFILE

NOTES

GENERAL: - Details shown hereon shall be used in conjunction with standard drawings F-1 and F-2.

ABUTMENT CONNECTION: - Cost of furnishing and installing connecting bands, angles, bolts, cinch anchors, etc., shall be included in the unit price bid per lineal foot of fence.

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

FENCE

DATE
2-1-63
6-1-65

STANDARD
CONSTRUCTION
DRAWING

F-3

APPROVED *R. L. K. ENGR. L. & D.*

SPECIAL FENCE DETAILS

NOTES

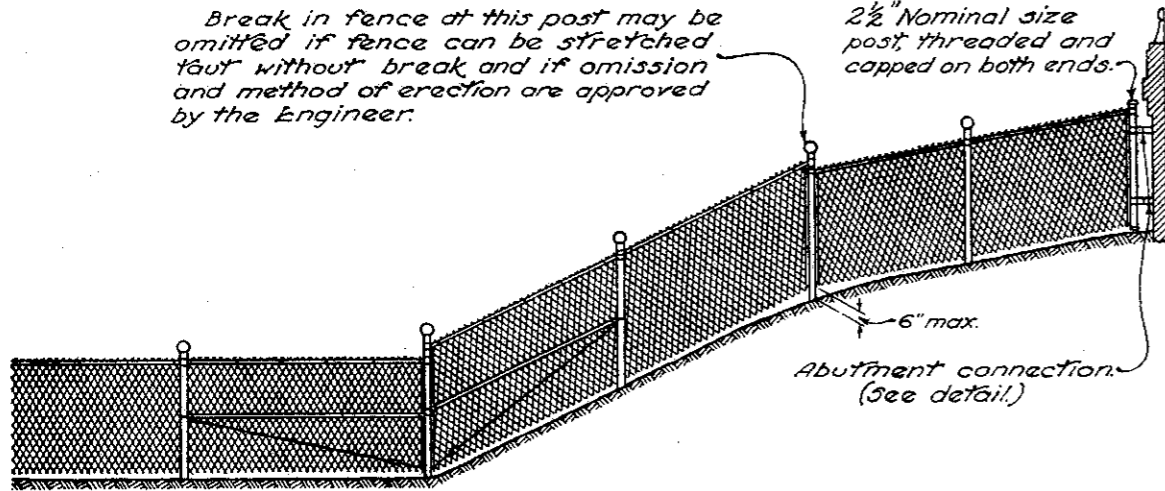
GENERAL: Details shown hereon shall be used in conjunction with standard drawings F-1 and F-2.

ABUTMENT CONNECTION: Cost of furnishing and installing connecting bands, angles, bolts, and anchors shall be included in the unit price bid per lineal foot of fence.

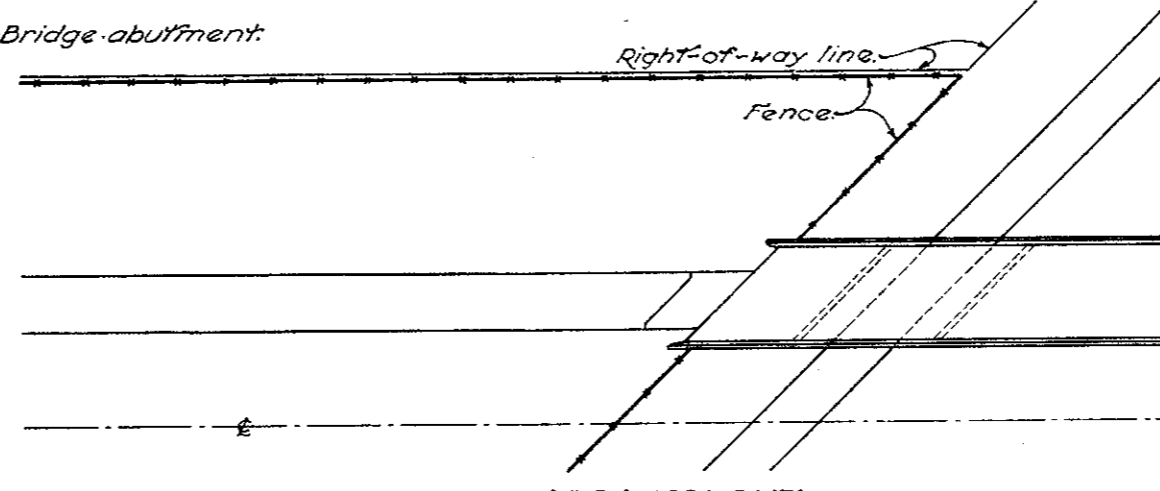
ANCHORS: Self-drilling anchors may be of the snap-off chuck-end type or of the flush-end type conforming to Federal Specification No. FF-5-325, Group III Type 1 (a) or (c).

Break in fence at this post may be omitted if fence can be stretched taut without break and if omission and method of erection are approved by the Engineer.

2½" Nominal size post, threaded and capped on both ends.

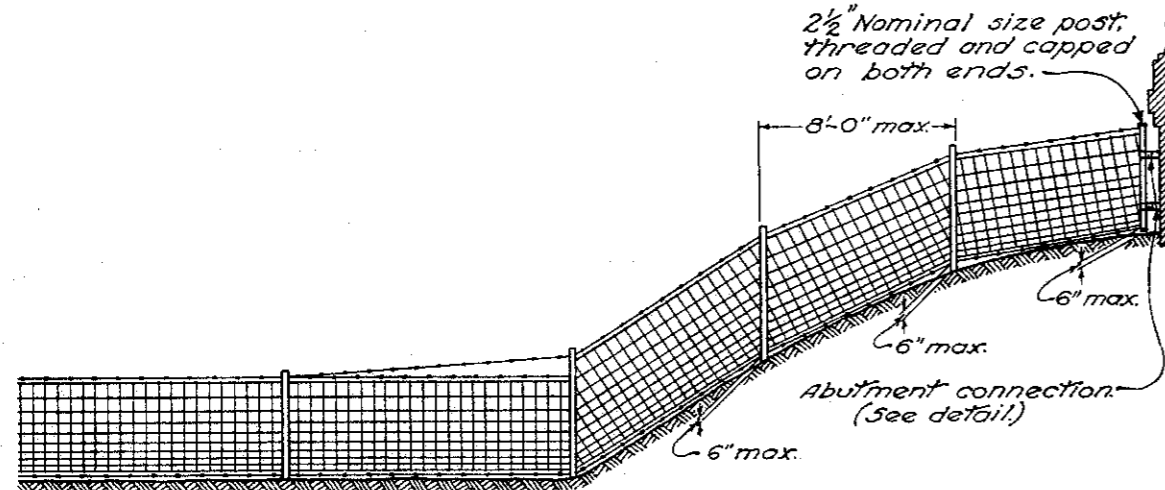


CHAIN LINK FENCE

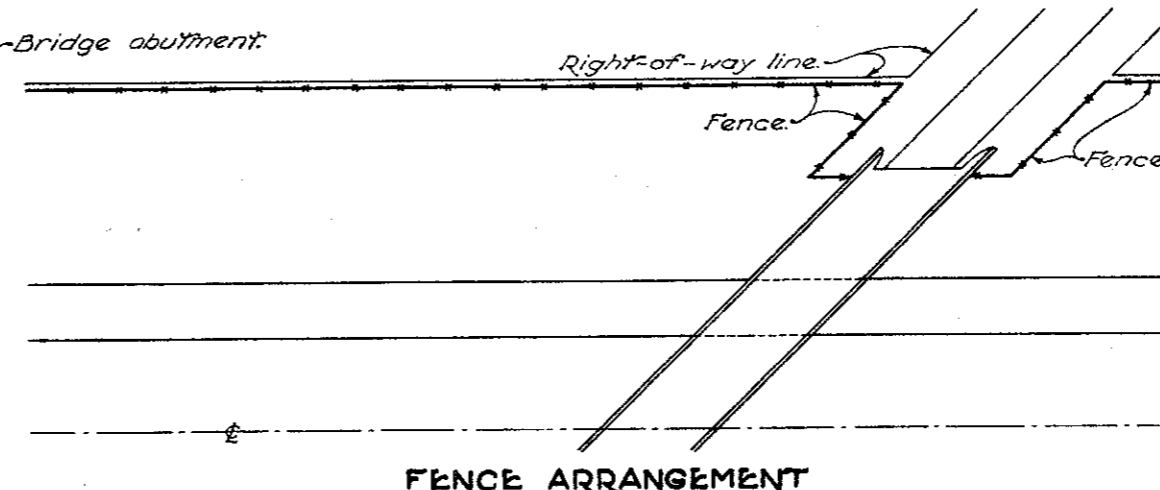


FENCE ARRANGEMENT AT FREEWAY OVERPASS

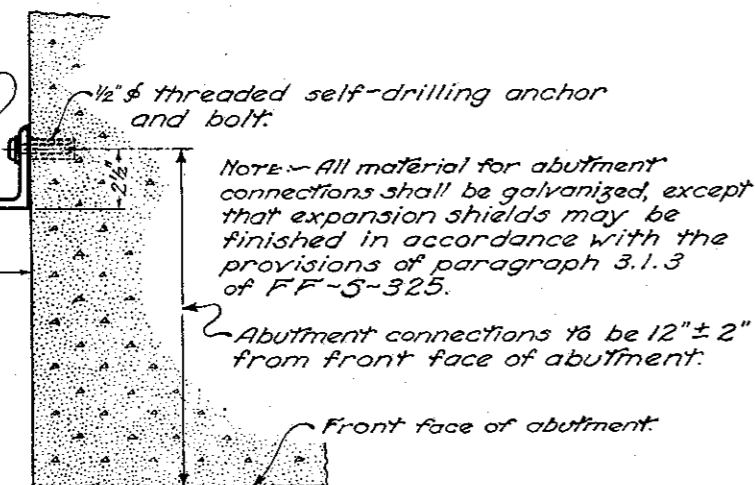
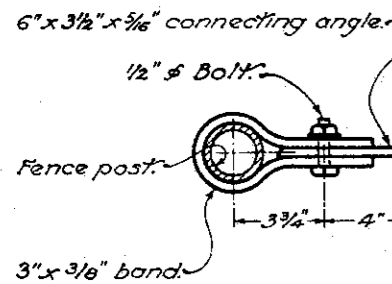
2½" Nominal size post, threaded and capped on both ends.



WOVEN WIRE FENCE



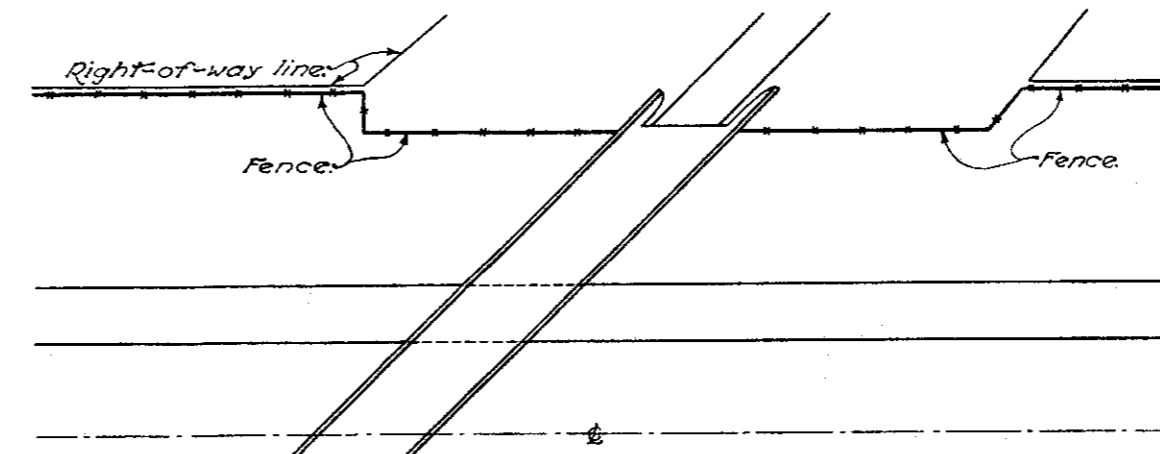
FENCE ARRANGEMENT CROSS ROAD ON ORIGINAL PROFILE IN DEEP CUT



ABUTMENT CONNECTION

Note - All material for abutment connections shall be galvanized, except that expansion shields may be finished in accordance with the provisions of paragraph 3.1.3 of FF-5-325.

Abutment connections to be 12" ± 2" from front face of abutment.



FENCE ARRANGEMENT CROSS ROAD ON HIGH FILL PROFILE NEAR ORIGINAL PROFILE

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

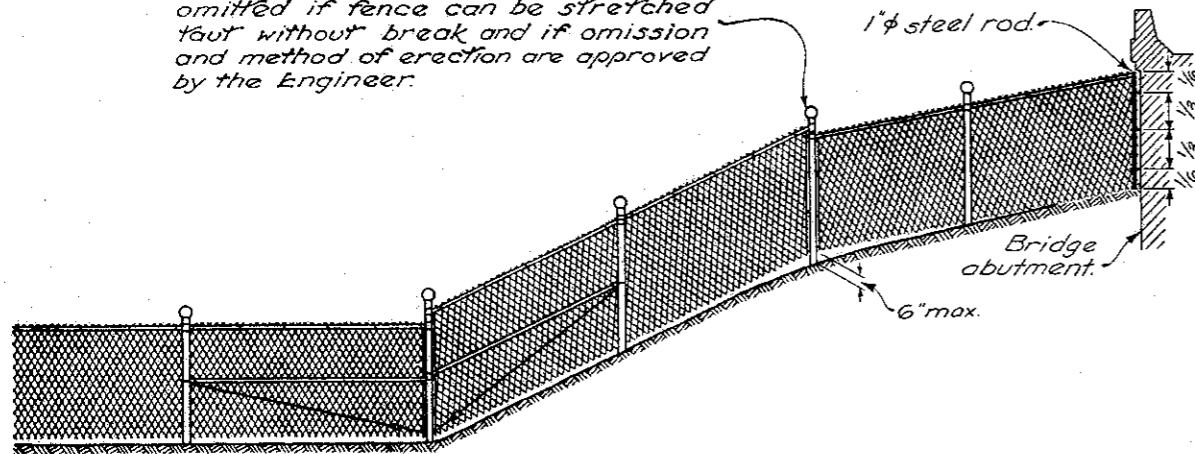
FENCE

STANDARD CONSTRUCTION DRAWING F-3
APPROVED *[Signature]* ENGR. L. & D.

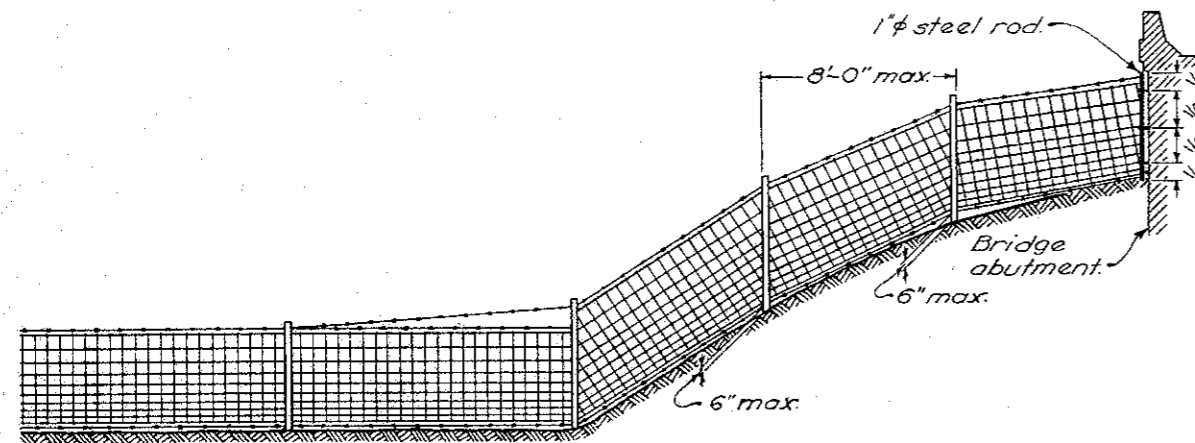
DATE:
2-1-63
6-1-65
10-1-66

SPECIAL FENCE DETAILS

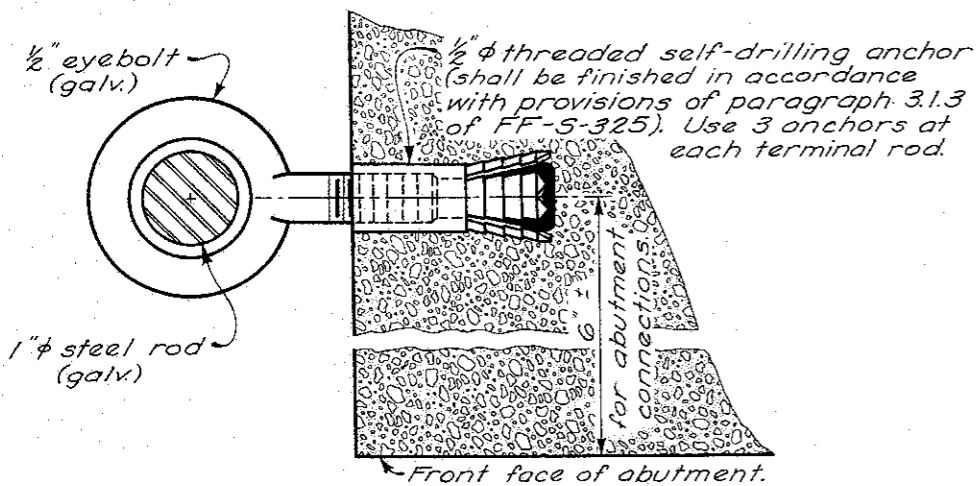
Break in fence at this post may be omitted if fence can be stretched taut without break and if omission and method of erection are approved by the Engineer.



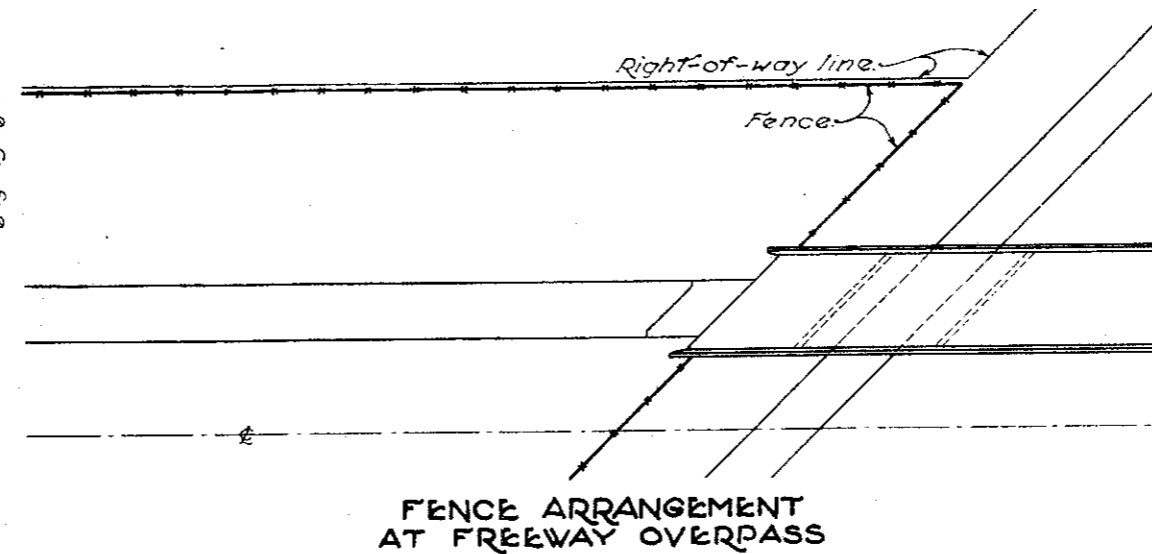
CHAIN LINK FENCE



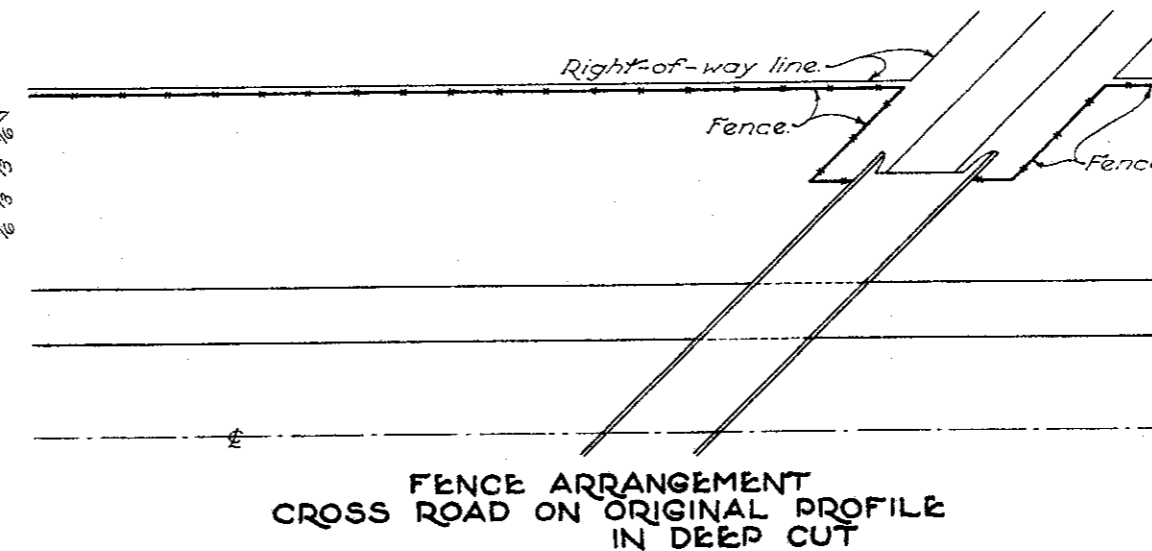
WOVEN WIRE FENCE



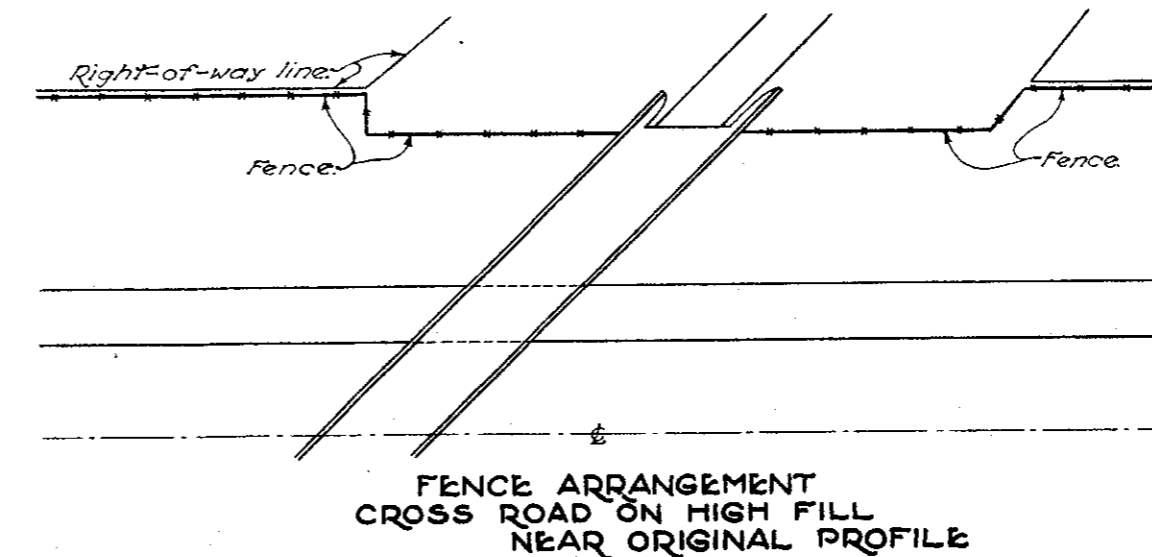
ABUTMENT CONNECTION



FENCE ARRANGEMENT AT FREEWAY OVERPASS



FENCE ARRANGEMENT CROSS ROAD ON ORIGINAL PROFILE IN DEEP CUT



FENCE ARRANGEMENT CROSS ROAD ON HIGH FILL PROFILE NEAR ORIGINAL PROFILE

NOTES

GENERAL: Details shown hereon shall be used in conjunction with standard drawings F-1 and F-2.

ABUTMENT CONNECTION: Cost of furnishing and installing connecting rods, eyebolts and anchors shall be included in the unit price bid per lineal foot of fence.

ANCHORS: Self-drilling anchors may be of the snap-off chuck-end type or of the flush-end type conforming to Federal Specification No. FF-S-325, Group III Type 1 (a) or (c). Eyebolts shall conform with ASTM A 489, except that finish shall be hot dipped galvanized in accordance with ASTM A 153.

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

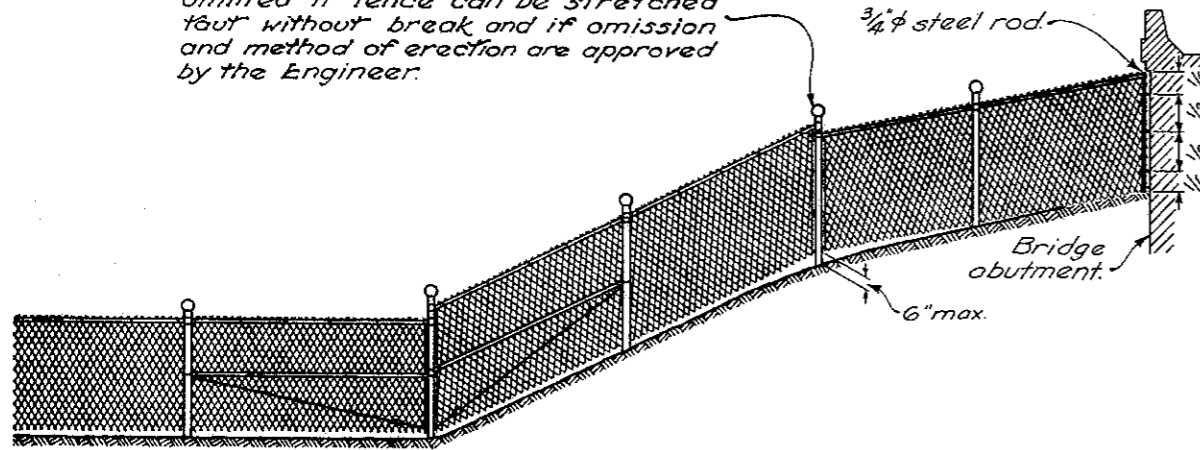
FENCE

STANDARD CONSTRUCTION DRAWING
APPROVED: *R. L. Smith* ENGR. L. & D.

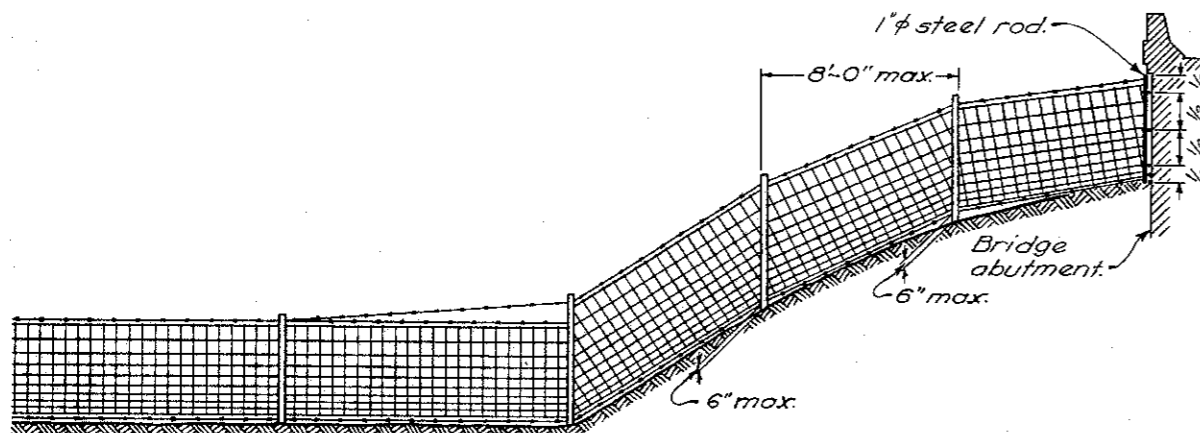
DATE
2-1-63
6-1-65
10-1-66
2-20-68

SPECIAL FENCE DETAILS

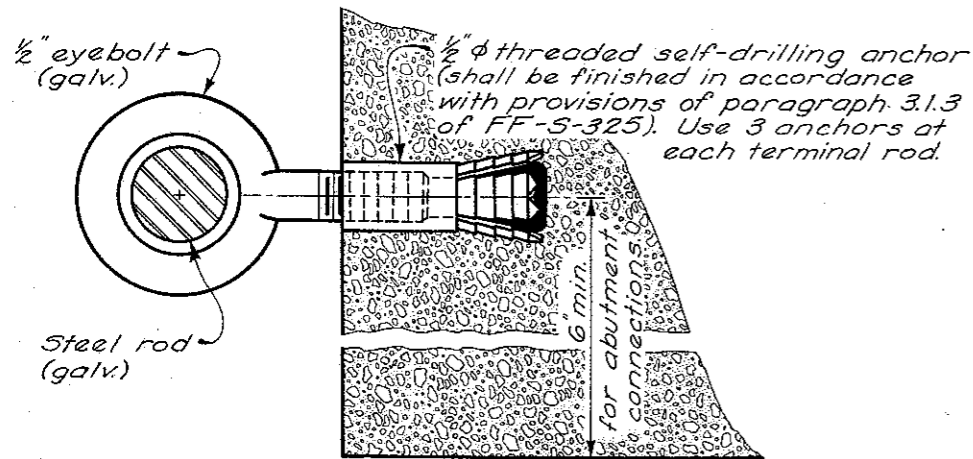
Break in fence at this post may be omitted if fence can be stretched taut without break and if omission and method of erection are approved by the Engineer.



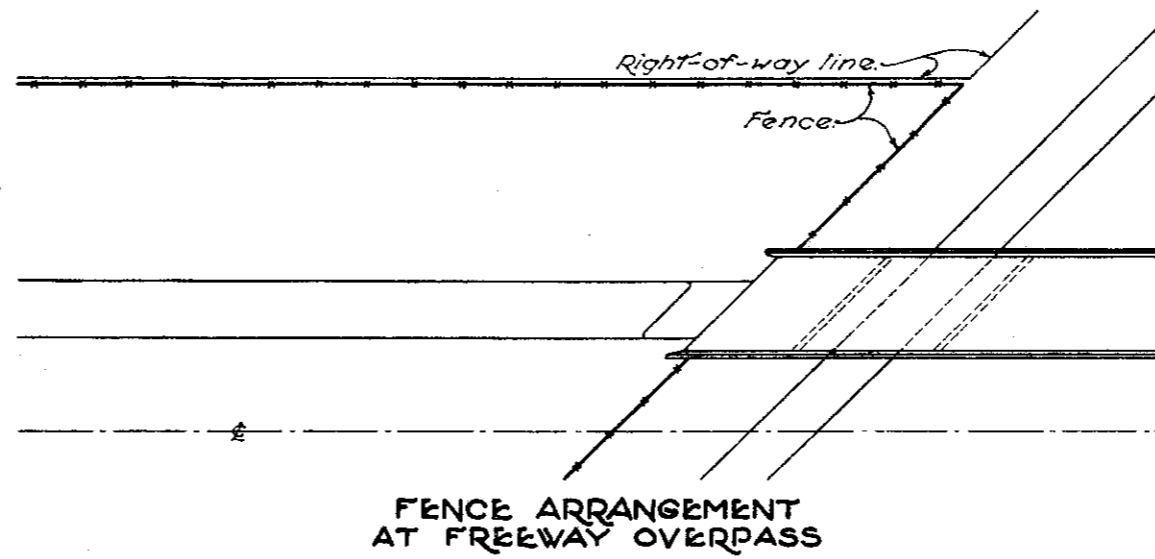
CHAIN LINK FENCE



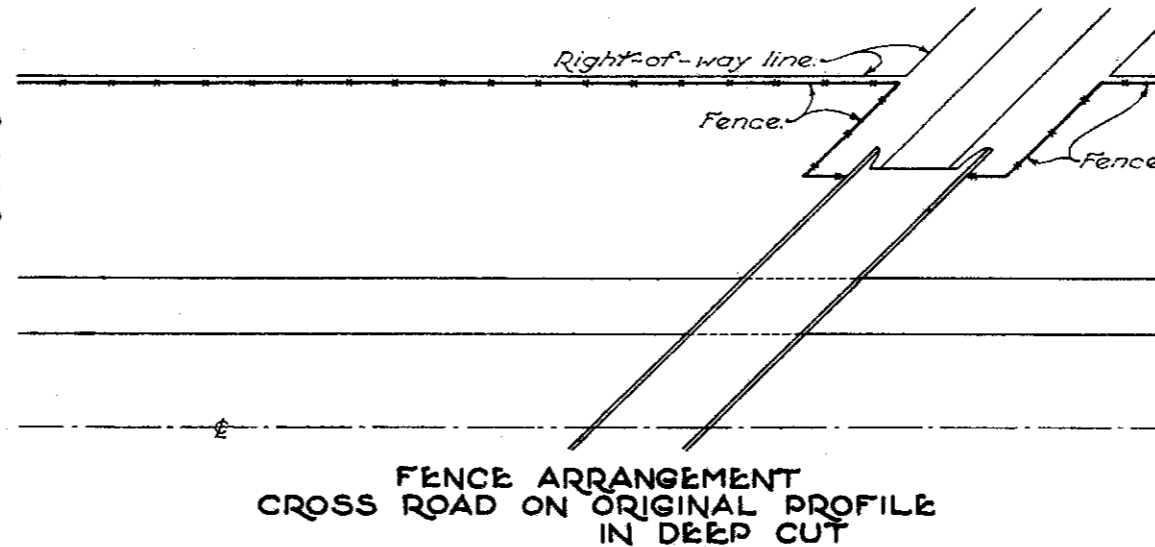
WOVEN WIRE FENCE



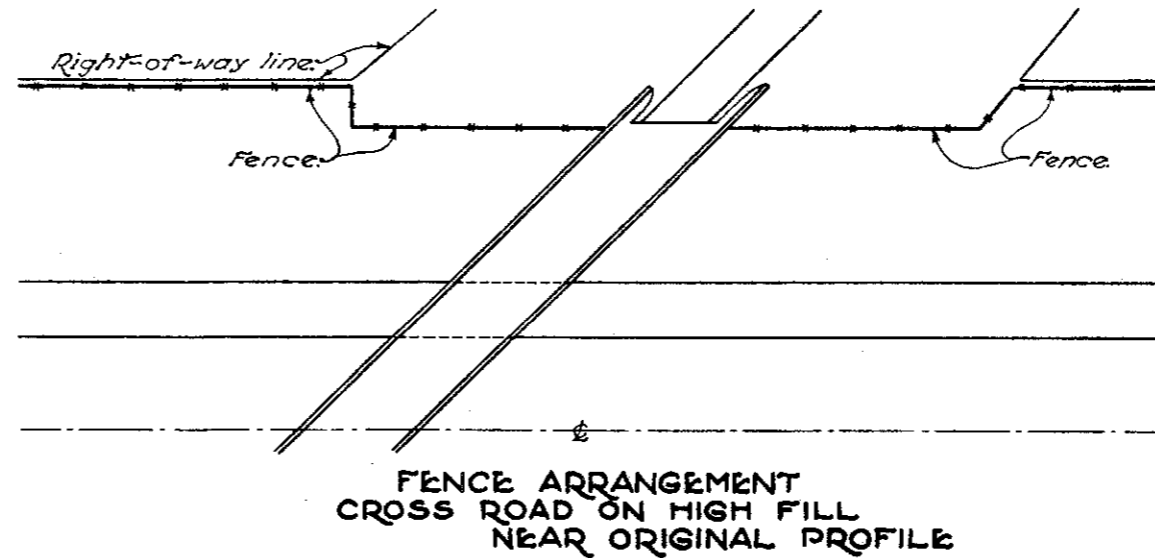
ABUTMENT CONNECTION



FENCE ARRANGEMENT AT FREEWAY OVERPASS



FENCE ARRANGEMENT CROSS ROAD ON ORIGINAL PROFILE IN DEEP CUT



FENCE ARRANGEMENT CROSS ROAD ON HIGH FILL PROFILE NEAR ORIGINAL PROFILE

NOTES

GENERAL: Details shown hereon shall be used in conjunction with standard drawings F-1 and F-2.

ABUTMENT CONNECTION: Cost of furnishing and installing connecting rods, eyebolts and anchors shall be included in the unit price bid per lineal foot of fence.

ANCHORS: Self-drilling anchors may be of the snap-off chuck-end type or of the flush-end type conforming to Federal Specification No. FF-5-325, Group III, Type 1 (a) or (c). Eyebolts shall conform with ASTM A 489, except that the bend test is waived, and finish shall be hot dipped galvanized in accordance with ASTM A153.

OFFSETS: Where lateral offset of the terminal post is needed to clear deck projection and coping, 1/2 inch end-lap chain repair links shall be provided between the upper and lower eye bolts and the terminal post. To clear deck projection only, repair links may be used with all three eye bolts. Arrangements in other situations may be varied as required. End-lap repair links shall conform with Federal Specification No. RR-C-271a, paragraph 3.5.3, Type III, metal diameter 1/2 inch. In lieu of the rod and eyebolt shown hereon, 1 1/4 inch I.D. galvanized pipe end posts may be used for chain link fence, fastened to 4-inch long sections of steel channel with 3/8 inch U-bolts. Each channel shall be fastened to the wall with one 1/2 inch hex head bolt and self-drilling anchor. Three inch channels shall be used unless the post spans the deck offset, in which case 3 inch channels shall be used above the deck offset and 6 inch channels shall be used below the deck offset. Pipe end posts shall be capped on both ends. All metal shall be galvanized.

CLEARANCE of the lower wires on embankments approaching bridge connections may vary from 0 inches to 6 inches.

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

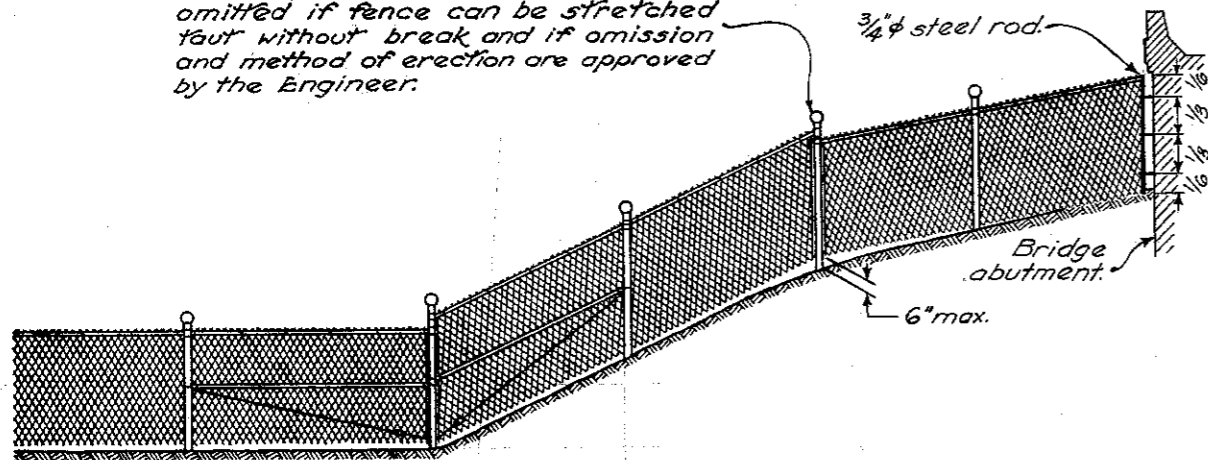
FENCE

STANDARD CONSTRUCTION DRAWING F-3

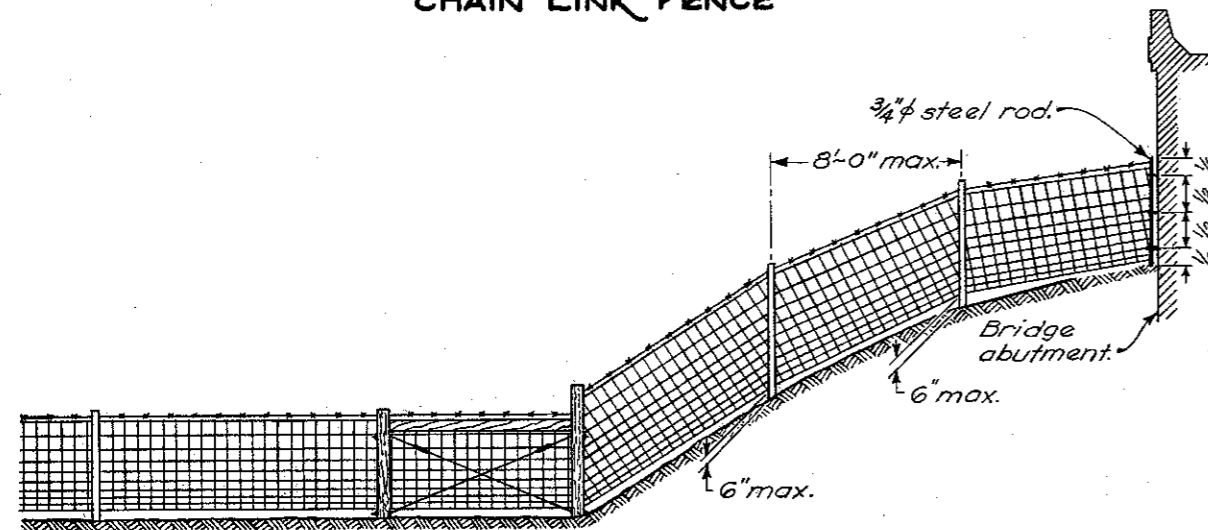
APPROVED: R. L. Latta ENGR. L. & D.

DATE
2-1-63
10-1-63
2-20-66
3-10-69

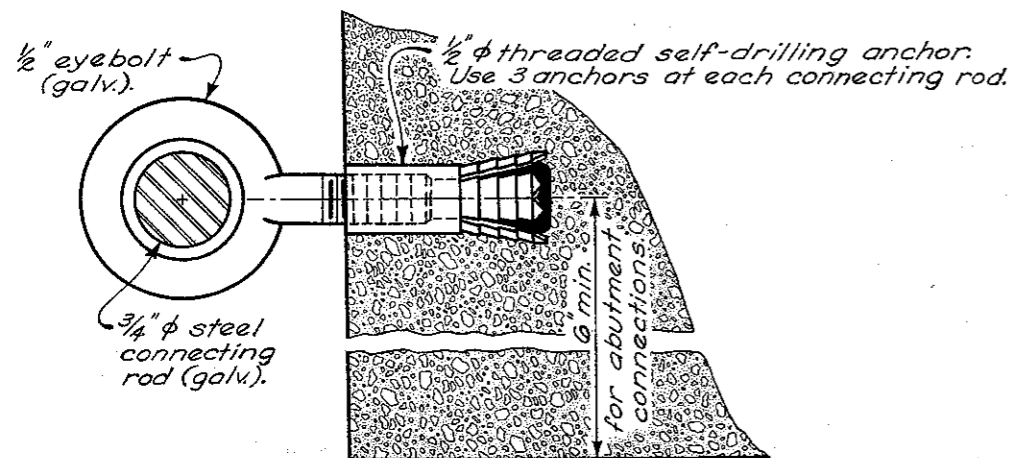
Break in fence at this post may be omitted if fence can be stretched taut without break and if omission and method of erection are approved by the Engineer.



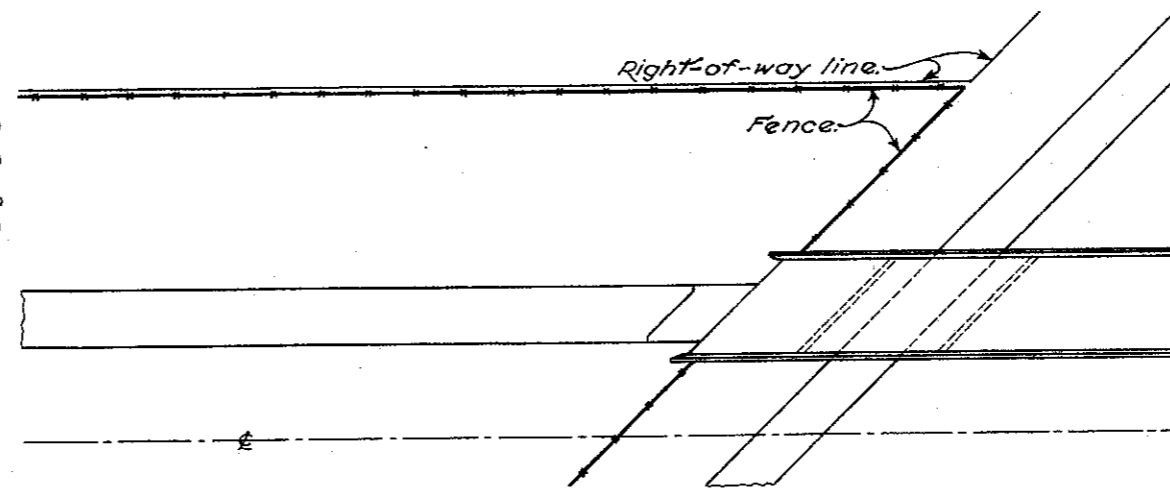
CHAIN LINK FENCE



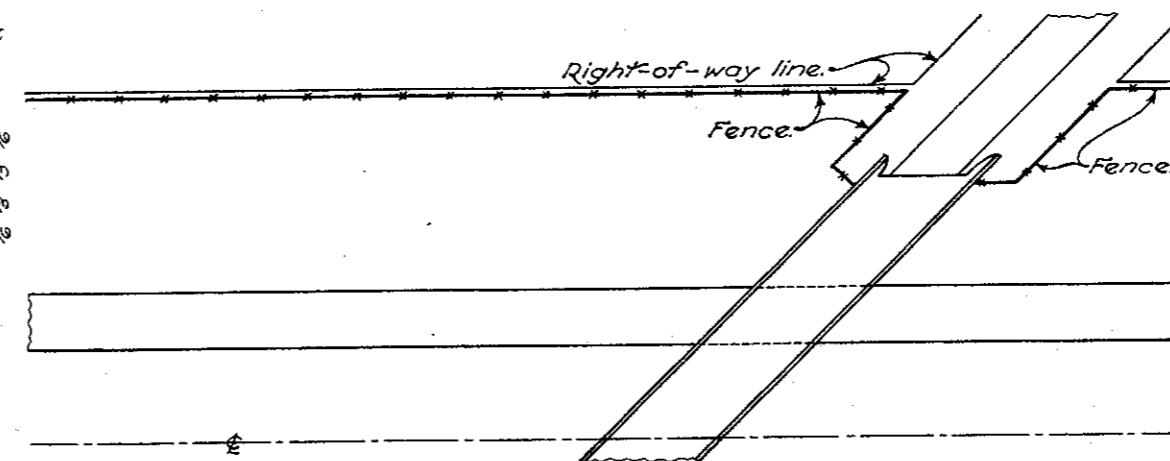
WOVEN WIRE FENCE



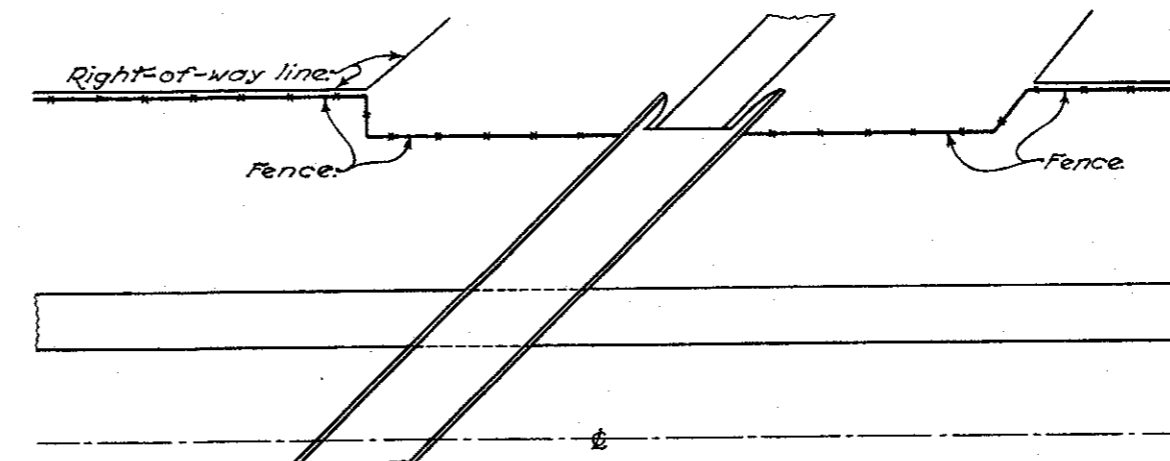
ABUTMENT CONNECTION



FENCE ARRANGEMENT AT FREEWAY OVERPASS



FENCE ARRANGEMENT CROSS ROAD ON ORIGINAL PROFILE



FENCE ARRANGEMENT CROSS ROAD ON HIGH FILL

NOTES

GENERAL: Details shown hereon shall be used in conjunction with standard drawings F-1 and F-2.

ABUTMENT CONNECTION: Cost of furnishing and installing connecting rods, eyebolts and anchors shall be included in the unit price bid per linear foot of fence. Where needed to clear deck projections or other irregularities the shaft length of the eyebolt may vary.

ANCHORS: Self-drilling anchors shall conform to 712.01. Threaded steel inserts may be placed in the wet concrete when the structure is constructed instead of using self-drilling anchors.

EYEBOLTS shall conform with ASTM A 489, except that the bend test is waived and finish shall be hot dipped galvanized in accordance with ASTM A 153.

CLEARANCE of the lower wires on embankments approaching bridge connections may vary from 0 inches to 6 inches.

BUREAU OF ROADWAY DESIGN
OHIO DEPARTMENT OF TRANSPORTATION

FENCE DETAILS AT BRIDGES

STANDARD
CONSTRUCTION
DRAWING

F-3

APPROVED *[Signature]* ENGR., R. D.

DATE
2-1-63
6-1-65
2-20-66
3-10-69
5-1-76