

FAU ROUTE	SECTION	COUNTY
	7E-0008(156)	ST CLAIR
CONTRACT NO. 97500		ILLINOIS
FEDERAL AID PROJECT		

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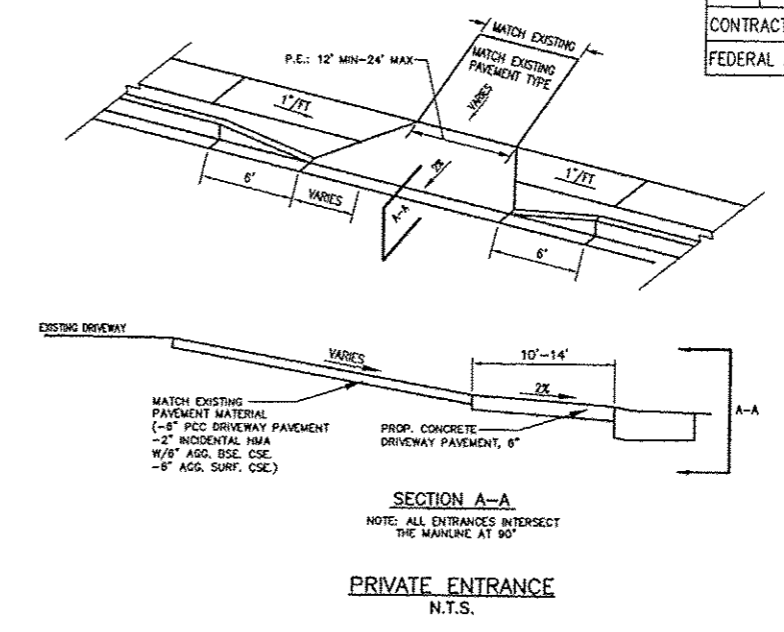
PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	164-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	61-065302
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

Signature: _____
Signature Date: _____
Expiration Date: _____
STATEMENT OF RESPONSIBILITY
I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

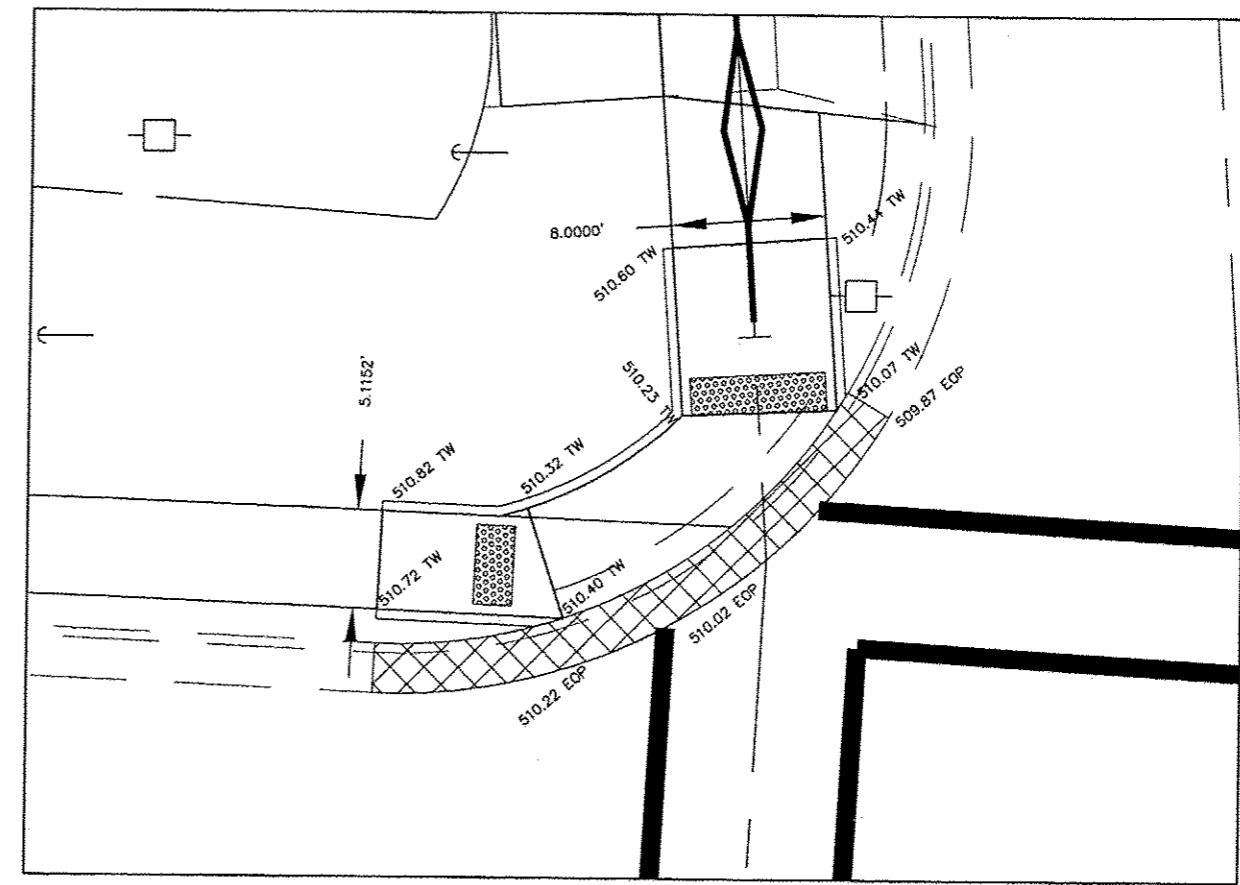
TITLE: SECTION 10-00032-00-BT
CHAIN LINK FENCE AND SIGN DETAILS
PROJECT: RICHLAND CREEK BIKE TRAIL PHASE 2B VILLAGE OF SWANSEA ST CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

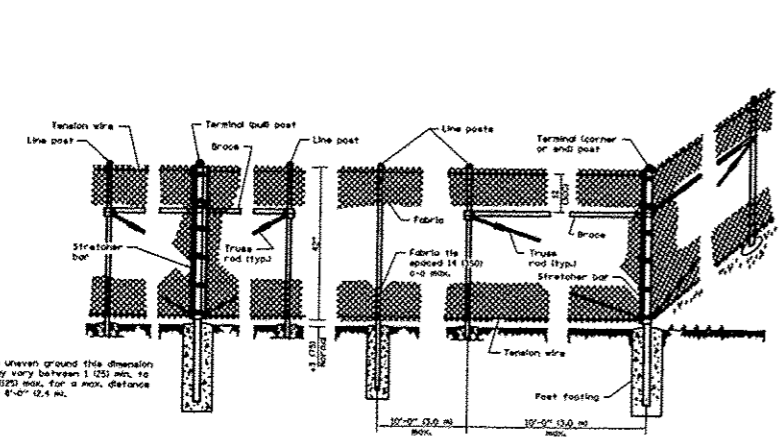
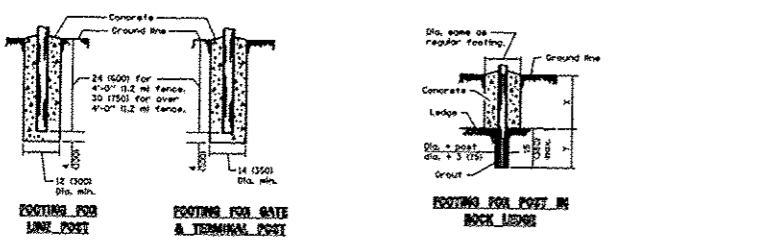
DRAWN BY: JJV	SHEET
DESIGNED BY: JJV	30
CHECKED BY: MJK	OF 45 SHEETS
APPROVED BY: JJV	PROJECT DESCRIPTION
PROJECT NUMBER: M19100072A	
ISSUED FOR REVIEW	ISSUED FOR BIDDING
ISSUED FOR CONSTR.	RECORD DRAWING



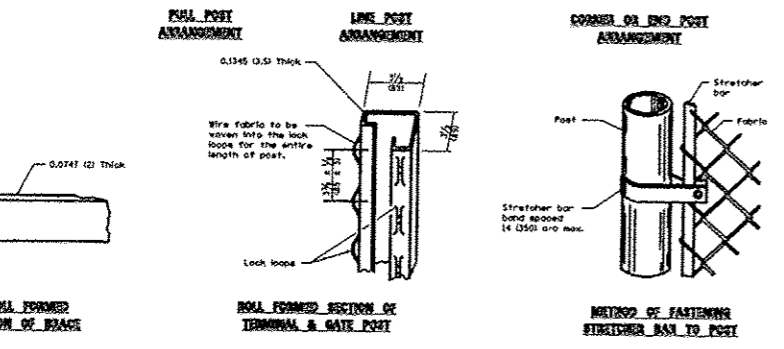
SECTION A-A
NOTE: ALL ENTRANCES INTERSECT THE MAINLINE AT 90°
PRIVATE ENTRANCE
N.T.S.



HANDICAP RAMP DETAIL



GENERAL NOTES
Post posts shall be placed at locations determined by the Engineer. They shall be placed at 600' (200 m) intervals between posts to which the ends of the fabric are staked or midway between such posts when the distance is less than 1200' (400 m) and greater than 600' (200 m).
X + Y shall not exceed 24 (600), 30 (750), or 36 (900), as applicable. When X is 0 - 3 (0 - 75), 15 (380), or 21 (525), then Y = 15 (375) and the post shall be shortened as required. When X exceeds 8 (225), 15 (380), or 21 (525), then Y shall be decreased correspondingly.
All dimensions are in inches (millimeter) unless otherwise shown.



LINE POST	Section	Qty./FT. (kg/m)
Pipe Type A 1.50 (48.3) O.D.	2.14	2.14
Pipe Type B 1.50 (48.3) O.D.	2.28	2.28
Pipe Type C 1.50 (48.3) O.D.	2.26	2.26
H 1.875x1.625 (47.6x41.3)	2.77	2.77
C	1.66	1.66
I	2.30	2.30

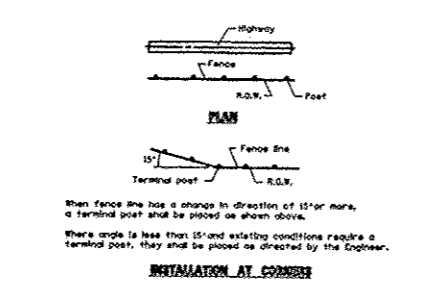
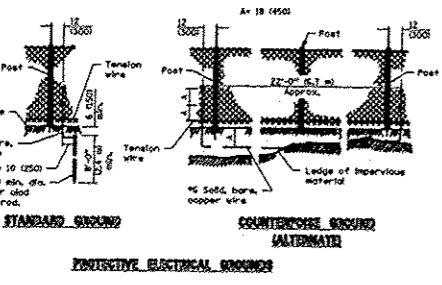
TERMINAL POST	Section	Qty./FT. (kg/m)
Pipe Type A 2.375 (60.3) O.D.	3.65	3.65
Pipe Type B 2.375 (60.3) O.D.	3.11	3.11
Pipe Type C 2.375 (60.3) O.D.	3.09	3.09
H 2.125x1.875 (53.9x47.6)	See detail	
Roll Formed 2 1/2 x 1 1/2 (63.5x38.1)	4.32	4.32

HORIZONTAL BRACE	Section	Qty./FT. (kg/m)
Pipe Type A 1.66 (42.2) O.D.	2.27	2.27
Pipe Type B 1.66 (42.2) O.D.	1.83	1.83
Pipe Type C 1.66 (42.2) O.D.	1.82	1.82
H 1.31x1.5 (33.3x38.1)	2.25	2.25
Roll Formed 1 1/2 x 1 1/2 (41.2x38.1)	See detail	

GATE FRAMES	Section	Qty./FT. (kg/m)
Pipe Type A 1.50 (48.3) O.D.	2.27	2.27
Pipe Type B 1.66 (42.2) O.D.	1.83	1.83
Pipe Type C 1.66 (42.2) O.D.	1.82	1.82

GATE POSTS *					
Gate Opening - ft. wd	Line Post	Terminal Post	Horizontal Brace	Gate Frame	Post in Gate
Up to 4 (1.2)	2.14	3.65	2.27	2.27	3.11
Over 4 (1.2) to 8 (2.4)	2.28	3.11	1.83	1.82	2.77
Over 8 (2.4) to 16 (4.8)	2.26	3.09	1.82	1.82	2.77
Over 16 (4.8) to 24 (7.6)	2.77	3.09	1.82	1.82	2.77

* The 3/4 x 1/2 (19.0 x 12.7) roll formed section as detailed may be used on gate posts for single gate up to 8' (2.4 m) and double gate up to 12' (3.6 m).



CHAIN LINK FENCE (SPECIAL) DETAIL