

03-03-2017 LETTING ITEM 035

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
FENCING PLANS**

SECTION HSR FENCING SANG. 2017  
PROJECT HSR-000V(090)  
FENCING CONSTRUCTION

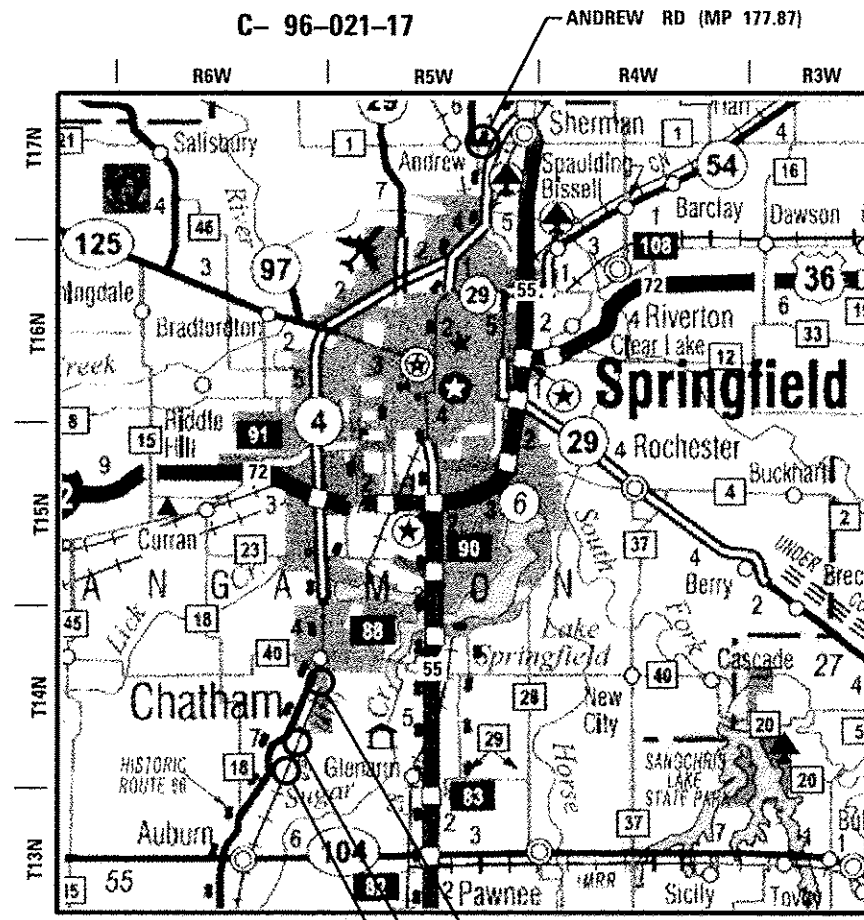
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	1
ILLINOIS			CONTRACT NO.	72J59

DOT #294281X DOT #294328R DOT #294335B DOT #440769R  
MP 177.87 MP 191.07 MP 194.76 MP 194.90

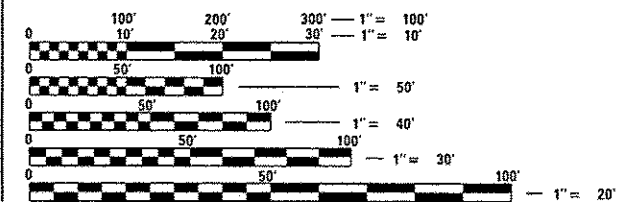
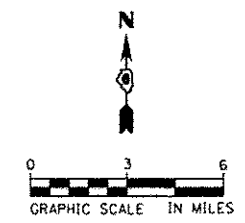
D-96-021-17



LOCATION OF SECTION INDICATED THUS: - ■ -



LOCATION MAP



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

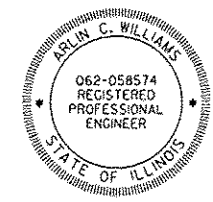
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

DISTRICT 6 NO. (217) 782-7301  
PROJECT ENGINEER: KEITH B. DONOVAN, P.E. (217) 782-4761

CONTRACT NO. 72J59 **AECOM**  
AECOM  
345 EAST ASH AVENUE, SUITE B  
DECATUR, ILLINOIS 62526  
PH. 217-875-4800

	NET LENGTH	GROSS LENGTH
ANDREW RD	316.00 FT (0.060 MI)	316.00 FT (0.060 MI)
WOODSIDE RD	316.48 FT (0.060 MI)	316.48 FT (0.060 MI)
PEDESTRIAN CROSSING & SPRUCE ST	630.83 FT (0.119 MI)	630.83 FT (0.119 MI)
GOLDENROD DR	1174.41 FT (0.222 MI)	1174.41 FT (0.222 MI)
<b>PROJECT TOTAL</b>	<b>2437.72 FT (0.461 MI)</b>	<b>2437.72 FT (0.461 MI)</b>

*Arlyn C. Williams*  
ARLYN C. WILLIAMS P.E.  
IL. REG. P.E. NO. 062-058574  
EXPIRES: 11-30-2017  
DATE: 12-08-2016



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *December 12, 2016*  
*Jeffrey M. South*  
REGION 4 ENGINEER

*Jan 27, 2017*  
*Maureen M. Addis P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

*Jan 27, 2017*  
*Arlyn C. Williams*  
DIRECTOR OF PROGRAM DEVELOPMENT

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION PRIOR TO CONSTRUCTION.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF APPLICABLE FENCING.
- THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER. NO EXTRA COMPENSATION SHALL BE ALLOWED THE CONTRACTOR FOR THIS WORK.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. REDUCED SIZED PLANS CAN BE PRINTED TO SCALE FOR USE IN THE FIELD.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. THE CONTRACTOR SHALL CONTACT THE MUNICIPALITY FOR ANY MUNICIPAL OWNED UTILITIES. (MINIMUM 48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR SHALL CALL THE UNION PACIFIC "CALL BEFORE YOU DIG" OPERATION AT 1-800-336-9193 FOR FIELD LOCATIONS OF BURIED FIBER OPTIC CABLES IN UNION PACIFIC RIGHT OF WAY.
- EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE LOCAL AGENCIES, OWNERS, AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS.
- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
  - SPRINT (FO)
  - AMEREN ILLINOIS (G)
  - VILLAGE OF CHATHAM (W), (E),(A),(SANITARY & STORM SEWERS)
  - FRONTIER COMMUNICATIONS (FO)
  - COMCAST (CTV)
  - CITY WATER LIGHT AND POWER "CWLP", (A)
  - AT&T (T)
  - LEVEL 3 COMMUNICATIONS (FO),(T)
  - ZAYO GROUP (FO)
  - CASS CABLE TELEVISION/GREEN COUNTY PARTNERS (CTV)
  - NEW WAVE COMMUNICATIONS (FO)
  - WILLIAMSVILLE WATER AND SEWER (W)
  - VILLAGE OF SHERMAN (SANITARY & STORM SEWER)

NON-JULIE MEMBERS WITHIN THE LIMITS OF IMPROVEMENT ARE:

  - UNION PACIFIC RAILROAD COMPANY (UPRR)
- THE CONTRACTOR SHALL COORDINATE WITH THE UPRR SIGNAL DEPARTMENT FOR ITEMS INSTALLED BY THE UPRR SIGNAL DEPARTMENT.
- THE HORIZONTAL SURVEY DATUM IS ILLINOIS STATE PLANE COORDINATES, WEST ZONE NAD 83 (CORS 96). THE SURVEY DATUM USED FOR ELEVATION IS NAVD 88.
- UPRR FLAGGERS SHALL BE PRESENT WHEN WORKING WITHIN UPRR ROW THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH UPRR TO ASSURE FLAGGERS ARE PRESENT DURING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**COMMITMENTS**

NONE.  
December 08, 2016

**INDEX OF SHEETS**

- |       |   |
|-------|---|
| 1     | COVER SHEET   |
| 2     | INDEX OF SHEETS, HIGHWAY STANDARDS, COMMITMENTS AND GENERAL NOTES |
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**HIGHWAY STANDARDS**

- |           |   |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                              |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT  |
| 664001-02 | CHAIN LINK FENCE  |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY                     |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE |
| 701901-06 | TRAFFIC CONTROL DEVICES   |

- NO WORK WHATSOEVER SHALL BE COMMENCED WITHOUT FIRST NOTIFYING JOHN JEROME, UPRR HSR PROGRAM MANAGER, OFFICE PH 816-399-1760.
- ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN STATE, CITY OR RAILROAD R.O.W. SHALL BE RELOCATED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON PLANS.
- THE CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES WHETHER KNOWN OR UNKNOWN PRIOR TO BEGINNING CONSTRUCTION.
- ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE. INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
- ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, COUNTY, AND CITY/ VILLAGE LAWS AND ORDINANCES AND REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS, OSHA, NPDES AND INDUSTRIAL ACCIDENT COMMISSION RELATED TO THE SAFETY AND CHARACTER OF THE WORK, EQUIPMENT AND LABOR PERSONNEL.
- IN ADDITION TO FIELD SURVEYS AND AERIAL MAPS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD, MINOR VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ANY UNDERGROUND STRUCTURES SUCH AS CESSPOOLS, CISTERNS, MINING SHAFTS, TUNNELS, SEPTIC TANKS, WELLS, AND PIPELINES NOT LOCATED PRIOR TO CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR DETERMINATION OF APPROPRIATE ACTION SUCH AS REMOVAL OR TREATMENT IN A MANNER JUDGED SUITABLE TO THE ENGINEER.
- THE CONTRACTOR SHALL COORDINATE LOCATION OF ALL PROPOSED UTILITIES WITH UPRR TO ASSURE ACCURACY OF UTILITY CONNECTIONS AND COMPLIANCE WITH LOCAL CODES.
- ANY REFERENCE WITHIN THESE PLANS TO A STANDARD SHALL BE INTERPRETED TO MEAN THE EDITION INDICATED BY THE SUB-NUMBER LISTED ON THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- ANY EXISTING CONDITIONS FOUND TO BE A VARIANCE WITH THESE DRAWINGS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
- THE CONTRACTOR SHALL PERFORM ALL CONSTRUCTION IN SUCH MANNER AS TO PROTECT ADJACENT EXISTING BUILDINGS, AND OTHER SITE ELEMENTS WHICH ARE TO REMAIN IN SERVICE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY CONTROL MONUMENTS. IN THE EVENT MONUMENTS ARE DAMAGED OR DESTROYED BY THE CONTRACTOR, THE ENGINEER WILL REPLACE THE MONUMENT SOLELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS FOR ALL IMPROVEMENTS.
- NO FIELD CHANGES WILL BE PERMITTED WITHOUT DIRECT WRITTEN AUTHORIZATION FROM THE ENGINEER OR HIS REPRESENTATIVE.
- THE CONTRACTOR SHALL COORDINATE WORK WHICH AFFECTS ADJACENT PROPERTY OWNERS. ANY QUESTIONS OR AGREEMENTS BETWEEN ADJACENT PROPERTY OWNERS AND CONTRACTOR SHALL BE MADE IN WRITING. A COPY OF SUCH AGREEMENT SHALL BE PROVIDED TO THE ENGINEER OR HIS REPRESENTATIVE.
- DISPOSAL OF EXISTING FENCE AND PLACEMENT OF TEMPORARY FENCE SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF FENCE REMOVAL. CONTRACTOR SHALL REUSE SUCH MATERIALS TO THE EXTENT POSSIBLE TO EXTEND REMAINING PRIVATELY OWNED FENCING INTO NEW RAILROAD R.O.W. FENCING ENSURING THAT ADEQUATE ENCLOSURE OF PRIVATELY OWNED AREAS IS ACCOMPLISHED. ANY NEW FENCING MATERIAL REQUIRED, INCLUDING CONCRETE FOOTING, IS TO BE PROVIDED BY THE CONTRACTOR.
- FINAL CONFIGURATION AND ELEVATION OF FENCING IS SUBJECT TO CHANGE FROM THAT WHICH IS SHOWN OR INDICATED WITHIN THE 100% DESIGN PLAN SET. CONTRACTOR WILL BE REQUIRED TO ADJUST THE LOCATION, LENGTH AND ELEVATION OF BOTH NEW SIX (6) FOOT HIGH AND NEW THREE (3) FOOT HIGH FENCING AND GATES IN THE VICINITY OF ROADWAYS AND THE FLASHING LIGHT SIGNALS TO ENSURE THAT THE FINAL FENCING AND GATES PROPERLY ADJOINS THE "AS-BUILT" ROADWAYS, ESCAPE PADS AND FLASHING LIGHT SIGNALS. IN THE CASE OF THREE (3) FOOT HIGH FENCING ENDING/BEGINNING ADJACENT TO A FLASHING LIGHT SIGNAL, SUCH FENCING MUST END/BEGIN AT A DISTANCE OF SEVEN (7) FOOT FROM THE CENTER OF THE FLASHING LIGHT SIGNAL MAST.
- THE CONTRACTOR SHALL BE REQUIRED TO ADJUST FENCE POST LOCATIONS TO AVOID UNDERGROUND UTILITIES.

<b>DISTRICT SIX</b>	
EXAMINED	November 22 <sup>nd</sup> 20 16
<i>John C. Kuyumjian</i> OPERATIONS ENGINEER	
EXAMINED	November 18 20 16
<i>Ron Abrahamson</i> PROJECT IMPLEMENTATION ENGINEER	
EXAMINED	November 21 20 16
<i>John P. Meyer</i> PROGRAM DEVELOPMENT ENGINEER	

<b>AECOM</b>	USER NAME : *USER*	DESIGNED - MCO	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, COMMITMENTS AND GENERAL NOTES</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : *SCALE*	DRAWN - SRS	REVISED -		HSR FENCING SANG. 2D17	SANGAMON	32	2				
	PLOT DATE : *DATE*	CHECKED - JAC	REVISED -		CONTRACT NO. 72J59							
	DATE - 12-08-16	REVISED -	[ILLINOIS] FED. AID PROJECT									
					SCALE: NTS	SHEET 1	OF 1	SHEETS	STA.	TO STA.		

PPS # 6-00284-1000  
 100 % HSR FUNDING (FEDERAL)  
 ROADWAY  
 0021  
 URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ANDREW ROAD	WOODSIDE ROAD	PEDESTRIAN CROSSING SPRUCE STREET	GOLDENROD DRIVE
20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.00	0.00	0.00	0.25
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	110	27.5	27.5	27.5	27.5
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	0.25	0.25	0.25	0.25
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.25	0.25	0.25	0.25
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	0.5	0.5	0.5	0.5
Z0022800	FENCE REMOVAL	FOOT	381	19	0	0	362
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.25	0.25	0.25	0.25
X2200004	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	74	0	74	0	0
X2200005	DELINEATOR (SPECIAL)	EACH	19	0	0	0	19
X2200006	FENCE, SPECIAL, 6' WITH SPECIAL LOWER PANEL	FOOT	139	0	0	0	139
X2200007	FENCE, SPECIAL, 7' SECURITY	FOOT	255	0	0	0	255
X2200008	GATE, SPECIAL, (ESCAPE PAD SWING GATE)	EACH	2	0	0	0	2
X2200009	GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)	EACH	5	1	1	0	3
X2200012	GATE, SPECIAL, 3' (9'-7.5") SINGLE SWING GATE)	EACH	3	1	1	0	1
X2200013	GATE, SPECIAL, 6' (9'-7.5") SINGLE SWING GATE)	EACH	1	0	0	1	0
X2200010	ORNAMENTAL FENCE, 3' (SPECIAL)	FOOT	276	128	60	0	88

14

\* SPECIALTY ITEM



USER NAME * #USER*	DESIGNED - MCD	REVISED -
PLOT SCALE * #SCALE*	DRAWN - SRS	REVISED -
PLOT DATE * #DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG, 2017	SANGAMON	32	3
CONTRACT NO. 72J59			ILLINOIS FED. AID PROJECT	

REV



ANDREW ROAD IDOT CROSSING NO. 294281X (MP 177.87)									
POINT	STATION	NORTHERLY	EASTERLY	DESCRIPTION	FENCE REMOVAL	GATE, SPECIAL 3' (9'-7½" SINGLE SWING GATE)	GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)	ORNAMENTAL FENCE, 3' (SPECIAL)	ORNAMENTAL FENCE, 6' (SPECIAL)
					FOOT	EACH	EACH	FOOT	FOOT
1	10+00.00	1,176,384.9795	2,455,225.9561	BEGIN ORNAMENTAL FENCE 6 SPL					
2	10+88.46	1,176,458.1566	2,455,275.6550	END ORNAMENTAL FENCE 6 SPL AND BEGIN ORNAMENTAL FENCE 3 SPL					88.46
3	11+36.46	1,176,490.7889	2,455,310.8564	CORNER OF ORNAMENTAL FENCE 3 SPL				48.00	
4	11+44.46	1,176,492.3265	2,455,318.7072	END ORNAMENTAL FENCE 3 SPL AND BEGIN GATE SPL 3 16 DBL SWG GATE				8.00	
5	11+61.33	1,176,495.5697	2,455,335.2676	END GATE SPL 3 16 DBL SWG GATE AND BEGIN ORNAMENTAL FENCE 3 SPL			1		
6	11+85.33	1,176,500.1823	2,455,358.8202	END ORNAMENTAL FENCE 3 SPL				24.00	
		1,176,399.0960	2,455,243.2340	BEGIN FENCE REMOVAL					
		1,176,416.6790	2,455,250.3210	END FENCE REMOVAL	19				
7	20+00.00	1,176,391.7866	2,455,331.9226	BEGIN ORNAMENTAL FENCE 6 SPL					
8	20+72.38	1,176,451.7397	2,455,372.4660	END ORNAMENTAL FENCE 6 SPL AND BEGIN ORNAMENTAL FENCE 3 SPL					72.38
9	21+20.38	1,176,491.5013	2,455,399.3549	END ORNAMENTAL FENCE 3 SPL AND BEGIN GATE SPL 3 (9'-7½" SGL SWG)				48.00	
10	21+30.67	1,176,500.0627	2,455,393.6435	END GATE SPL 3 (9'-7½" SGL SWG)		1			
TOTALS					19	1	1	128.00	160.84

WOODSIDE ROAD IDOT NO. 294328R (MP 191.07)									
POINT	STATION	NORTHERLY	EASTERLY	DESCRIPTION	CHAIN LINK FENCE, 6' (SPECIAL)	GATE, SPECIAL 3' (9'-7½" SINGLE SWING GATE)	GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)	ORNAMENTAL FENCE, 3' (SPECIAL)	ORNAMENTAL FENCE, 6' (SPECIAL)
					FOOT	EACH	EACH	FOOT	FOOT
1	30+00.00	1,112,237.2662	2,433,549.9432	BEGIN ORNAMENTAL FENCE 6 SPL					
2	30+83.00	1,112,313.5561	2,433,582.6429	END ORNAMENTAL FENCE 6 SPL AND BEGIN ORNAMENTAL FENCE 3 SPL					83.00
3	31+15.00	1,112,334.9665	2,433,606.4251	END ORNAMENTAL FENCE 3 SPL AND BEGIN GATE SPL 3 (9'-7½" SGL SWG)				32.00	
4	31+25.29	1,112,341.8524	2,433,614.0738	END GATE SPL 3 (9'-7½" SGL SWG) AND BEGIN ORNAMENTAL FENCE 3 SPL		1			
5	31+41.29	1,112,352.5576	2,433,625.9649	CORNER OF ORNAMENTAL FENCE 3 SPL				16.00	
6	31+49.29	1,112,359.9185	2,433,629.0984	END ORNAMENTAL FENCE 3 SPL				8.00	
7	40+00.00	1,112,427.1398	2,433,655.7192	BEGIN ORNAMENTAL FENCE 3 SPL					
8	40+04.00	1,112,430.7958	2,433,654.0963	END ORNAMENTAL FENCE 3 SPL AND BEGIN GATE SPL 3 16 DBL SWG GATE				4.00	
9	40+20.88	1,112,446.2195	2,433,647.2498	END GATE SPL 3 16 DBL SWG GATE AND BEGIN ORNAMENTAL FENCE 6 SPL			1		
10	40+93.25	1,112,512.7982	2,433,675.6297	END ORNAMENTAL FENCE 6 SPL AND BEGIN CHAIN LINK FENCE 6 SPL					72.37
11	41+57.19	1,112,571.6142	2,433,700.7006	CORNER OF CHAIN LINK FENCE 6 SPL	63.94				
12	41+67.19	1,112,577.8590	2,433,708.5110	END CHAIN LINK FENCE 6 SPL	10.00				
TOTALS					73.94	1	1	60.00	155.37



USER NAME = *USER*	DESIGNED - MCD	REVISED -
	DRAWN - SRS	REVISED -
PLOT SCALE = *SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = *DATE*	DATE - 12-08-16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	5
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				

PEDESTRIAN CROSSING IDOT NO. 294334U (MP 194.70) AND SPRUCE STREET IDOT NO. 294335B (MP 194.76)						
POINT	STATION	NORTHERLY	EASTERLY	DESCRIPTION	GATE, SPECIAL 6' (9'-7½" SINGLE SWING GATE) EACH	ORNAMENTAL FENCE, 6' (SPECIAL) FOOT
1	50+00.00	1,094,606.8247	2,426,576.8127	BEGIN ORNAMENTAL FENCE 6 SPL		
2	50+16.08	1,094,622.9066	2,426,577.0290	CORNER OF ORNAMENTAL FENCE 6 SPL		16.08
3	52+86.73	1,094,876.9806	2,426,670.2696	END ORNAMENTAL FENCE 6 SPL		270.65
4	60+00.00	1,094,542.7788	2,426,615.7382	BEGIN ORNAMENTAL FENCE 6 SPL		
5	60+05.00	1,094,547.4727	2,426,617.4608	END ORNAMENTAL FENCE 6 SPL		5.00
6	60+13.18	1,094,555.1510	2,426,620.2786	BEGIN ORNAMENTAL FENCE 6 SPL		
7	60+29.26	1,094,570.2497	2,426,625.8196	END ORNAMENTAL FENCE 6 SPL AND BEGIN GATE SPL 6 (9'-7½" SGL SWG)		16.08
8	60+39.68	1,094,580.0287	2,426,629.4083	END GATE SPL 6 (9'-7½" SGL SWG) AND BEGIN ORNAMENTAL FENCE 6 SPL	1	
9	62+16.60	1,094,746.1147	2,426,690.3589	CORNER OF ORNAMENTAL FENCE 6 SPL		176.92
10	62+24.64	1,094,753.9500	2,426,692.1691	CORNER OF ORNAMENTAL FENCE 6 SPL		8.04
11	63+44.24	1,094,866.2308	2,426,733.3741	CORNER OF ORNAMENTAL FENCE 6 SPL		119.60
12	63+52.28	1,094,870.2058	2,426,740.3646	END ORNAMENTAL FENCE 6 SPL		8.04
TOTALS					1	620.41

GOLDENROD DRIVE IDOT NO. 440769R (MP 194.90)														
POINT	STATION	NORTHERLY	EASTERLY	DESCRIPTION	FENCE REMOVAL FOOT	TREE REMOVAL, ACRES ACRE	GATE, SPECIAL 3' (9'-7½" SINGLE SWING GATE) EACH	GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE) FOOT	GATE, SPECIAL, (ESCAPE PAD SWING GATE) EACH	ORNAMENTAL FENCE, 3' (SPECIAL) FOOT	ORNAMENTAL FENCE, 6' (SPECIAL) FOOT	FENCE, SPECIAL 6' WITH LOWER PANEL FOOT	FENCE, SPECIAL, 7' SECURITY FOOT	DELINEATOR, SPECIAL EACH
1	70+00.00	1,093,489.8412	2,426,161.1555	BEGIN ORNAMENTAL FENCE 6 SPL										
2	71+60.83	1,093,640.8285	2,426,216.5651	END ORNAMENTAL FENCE 6 SPL AND BEGIN ORNAMENTAL FENCE 3 SPL							160.83			
3	71+68.83	1,093,646.3139	2,426,222.3884	END ORNAMENTAL FENCE 3 SPL AND BEGIN GATE SPL 3 16 DBL SWG GATE						8.00				
4	71+85.71	1,093,657.8846	2,426,234.6719	END GATE SPL 3 16 DBL SWG GATE AND BEGIN ORNAMENTAL FENCE 3 SPL				1						
5	71+93.71	1,093,660.9392	2,426,242.0657	CORNER OF ORNAMENTAL FENCE 3 SPL						8.00				
6	72+09.71	1,093,675.9605	2,426,247.5758	END ORNAMENTAL FENCE 3 SPL						16.00				
				TREE REMOVAL		0.25								
7		1,093,745.5629	2,426,263.5286	BEGIN GATE SPL ESC PAD SWG GATE										
8	80+00.00	1,093,750.2264	2,426,262.2577	END GATE SPL ESC PAD SWG GATE AND BEGIN ORNAMENTAL FENCE 3 SPL					1					
9	80+08.00	1,093,757.8954	2,426,264.5350	END ORNAMENTAL FENCE 3 SPL AND BEGIN GATE SPL 3 16 DBL SWG GATE						8.00				
10	80+24.88	1,093,774.0722	2,426,269.3386	END GATE SPL 3 16 DBL SWG GATE AND BEGIN ORNAMENTAL FENCE 3 SPL				1						
11	80+32.88	1,093,781.7413	2,426,271.6159	CORNER OF ORNAMENTAL FENCE 3 SPL						8.00				
12	80+40.88	1,093,789.7310	2,426,271.2096	END ORNAMENTAL FENCE 3 SPL AND BEGIN ORNAMENTAL FENCE 6 SPL						8.00				
13	81+36.12	1,093,879.1438	2,426,304.0225	CORNER OF ORNAMENTAL FENCE 6 SPL							95.24			
14	81+44.16	1,093,881.4126	2,426,311.7375	END ORNAMENTAL FENCE 6 SPL							8.04			
				DELINEATOR SPL										10
15	90+00.00	1,093,557.0966	2,426,244.8146	BEGIN FENCE SPL 6 SPL LWR PANEL										
16	90+15.92	1,093,572.0388	2,426,250.2981	CORNER OF FENCE SPL 6 SPL LWR PANEL								15.92		
17	90+31.83	1,093,581.6179	2,426,263.0094	CORNER OF FENCE SPL 6 SPL LWR PANEL								15.91		
18	91+38.15	1,093,681.4262	2,426,299.6373	END FENCE SPL 6 SPL LWR PANEL								106.32		
19		1,093,659.0129	2,426,291.4120	BEGIN GATE SPL 3 (9'-7½" SGL SWG)										
20		1,093,662.4293	2,426,281.7039	END GATE SPL 3 (9'-7½" SGL SWG) AND BEGIN ORNAMENTAL FENCE 3 SPL										
21		1,093,686.2151	2,426,284.9036	END ORNAMENTAL FENCE 3 SPL						24.00				
		1,093,557.0966	2,426,244.8146	BEGIN FENCE REMOVAL										
		1,093,682.0900	2,426,292.9240	END FENCE REMOVAL	134									
22		1,093,758.2441	2,426,311.5720	BEGIN GATE SPL ESC PAD SWG GATE										
23	100+00.00	1,093,762.9251	2,426,310.3672	END GATE SPL ESC PAD SWG GATE AND BEGIN ORNAMENTAL FENCE 3 SPL					1					
24	100+08.00	1,093,764.7935	2,426,318.1459	END ORNAMENTAL FENCE 3 SPL AND BEGIN GATE SPL 3 16 DBL SWG GATE						8.00				
25	100+24.88	1,093,772.6115	2,426,333.1007	END GATE SPL 3 16 DBL SWG GATE AND BEGIN FENCE SPL 7 SECURITY										
26	102+79.73	1,094,011.8657	2,426,420.9027	END FENCE SPL 7 SECURITY									254.85	
		1,093,798.3562	2,426,334.9130	BEGIN FENCE REMOVAL										
		1,094,012.3200	2,426,413.4550	END FENCE REMOVAL	228									
				DELINEATOR SPL										9
TOTALS					362	0.25	1	3	2	88.00	264.11	138.15	254.85	19



USER NAME : *USER*	DESIGNED - MCD	REVISED -
PLOT SCALE : *SCALE*	DRAWN - SRS	REVISED -
PLOT DATE : *DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

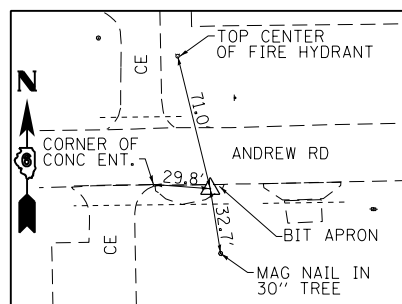
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	6
			CONTRACT NO. 72J59	
ILLINOIS FED. AID PROJECT				

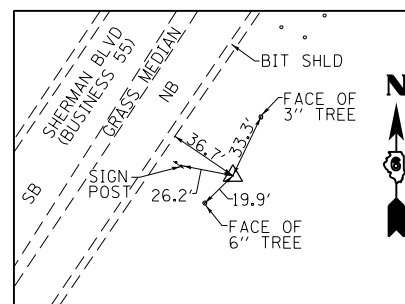




**CONTROL POINT Q1**

SET MAG NAIL IN BIT APRON  
(500' ± W OF SHERMAN BLVD)

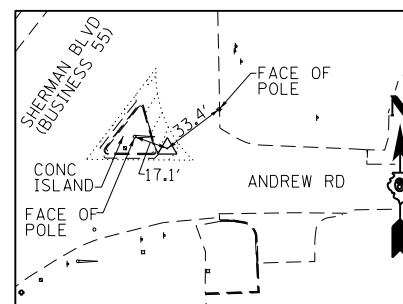
STA 14+08.22, 17.20' RT  
N 1176495.161  
E 2454455.327  
ELEV 583.250



**CONTROL POINT Q2**

SET IRON PIN  
(600' ± S OF ANDREW RD)

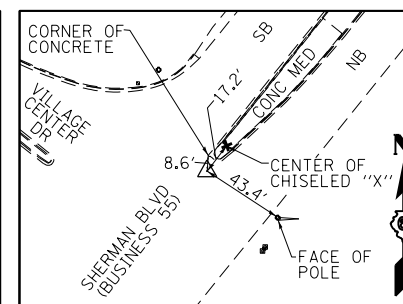
STA 266+56.54, 71.33' RT  
N 1176001.767  
E 2454683.267  
ELEV 580.460



**CONTROL POINT Q3**

SET MAG NAIL IN PAVEMENT

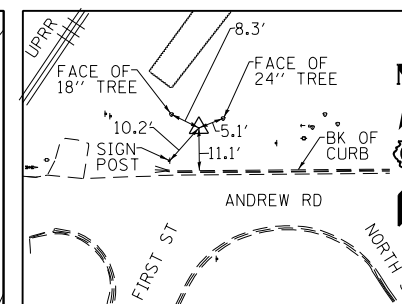
STA 20+20.37, 24.37' LT  
N 1176547.995  
E 2455066.836  
ELEV 579.720



**CONTROL POINT Q4**

SET MAG NAIL IN PAVEMENT  
(900' ± N OF ANDREW RD)

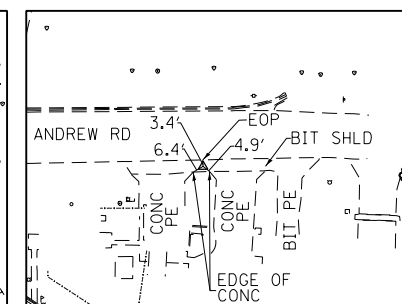
STA 281+30.08, 3.44' LT  
N 1177214.842  
E 2455515.356  
ELEV 577.900



**CONTROL POINT Q5**

SET IRON PIN  
(100' ± E OF RR TRACKS)

STA 24+66.86, 26.37' LT  
N 1176553.546  
E 2455513.298  
ELEV 577.670



**CONTROL POINT Q6**

SET MAG NAIL IN BIT SHLD  
(350' ± E OF RR TRACKS)

STA 27+37.83, 15.88' RT  
N 1176513.453  
E 2455784.593  
ELEV 573.310

**BENCHMARK**

- BM #01- CHISELED "+" IN E BOLT OF FIRE HYDRANT, SE QUAD OF ANDREW RD & NORTH ST  
STA 51+97, 29' RT  
EL 577.99
- BM #02- CHISELED "□" SE CORNER OF CONCRETE BASE FOR TRAFFIC SIGNAL (W/O MAST ARM)  
STA 272+22, 47' RT  
EL 580.33
- BM #03- TOP OF BOLT ON FH BETWEEN "E" & "L" OF MUELLER  
STA 13+93, 52' LT  
EL 585.13



USER NAME = \$USER*	DESIGNED - MCD	REVISED -
	DRAWN - SRS	REVISED -
PLOT SCALE = \$SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = \$DATE*	DATE - 12-08-16	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

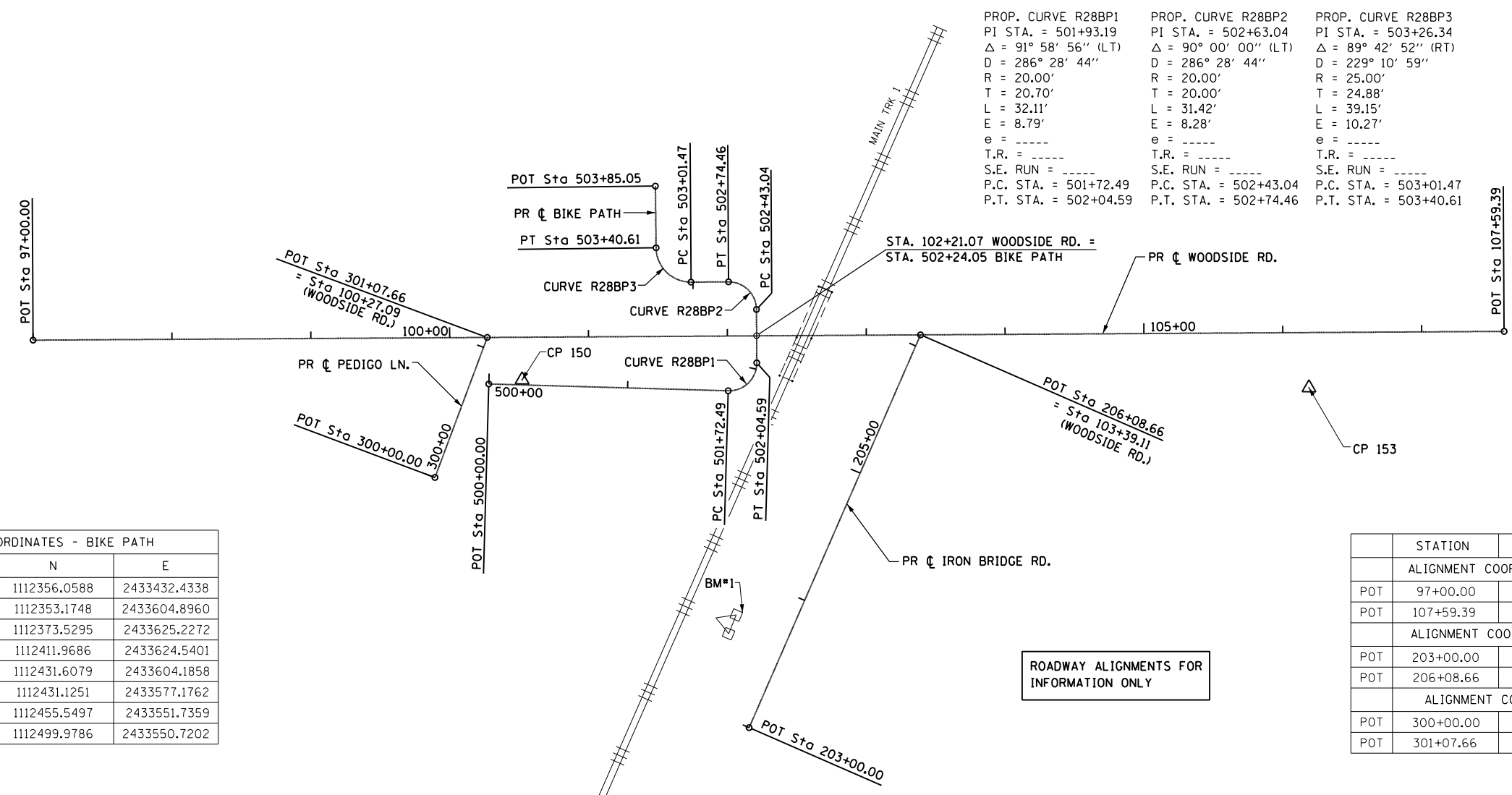
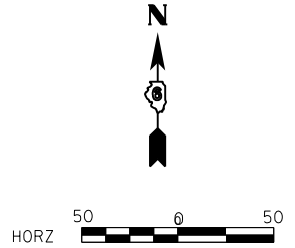
ALIGNMENT, TIES, & BENCHMARKS  
ANDREW ROAD

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HSR FENCING SANG. 2017		SANGAMON	32	8
			CONTRACT NO. 72J59	
ILLINOIS FED. AID PROJECT				



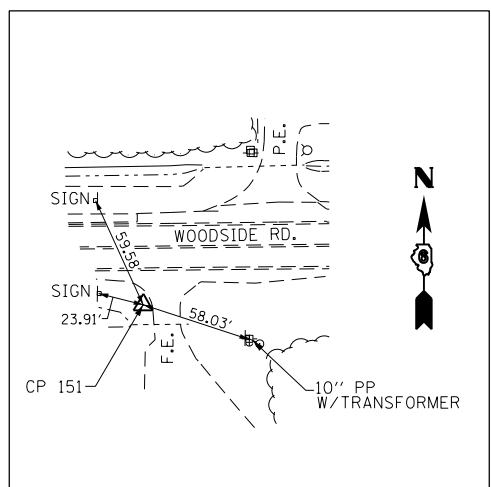
PROP. CURVE R28BP1 PI STA. = 501+93.19 Δ = 91° 58' 56" (LT) D = 286° 28' 44" R = 20.00' T = 20.70' L = 32.11' E = 8.79' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 501+72.49 P.T. STA. = 502+04.59	PROP. CURVE R28BP2 PI STA. = 502+63.04 Δ = 90° 00' 00" (LT) D = 286° 28' 44" R = 20.00' T = 20.00' L = 31.42' E = 8.28' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 502+43.04 P.T. STA. = 502+74.46	PROP. CURVE R28BP3 PI STA. = 503+26.34 Δ = 89° 42' 52" (RT) D = 229° 10' 59" R = 25.00' T = 24.88' L = 39.15' E = 10.27' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 503+01.47 P.T. STA. = 503+40.61
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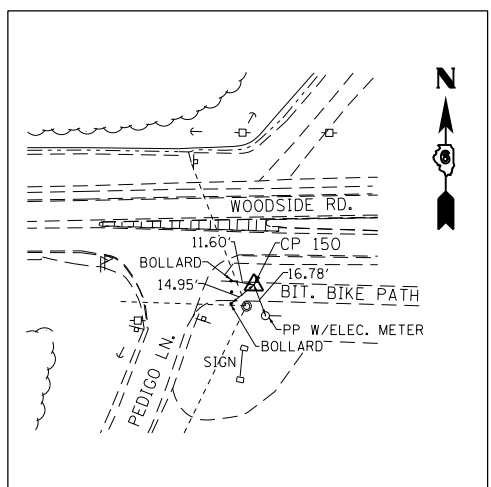
ALIGNMENT COORDINATES - BIKE PATH			
	STATION	N	E
POT	500+00.00	1112356.0588	2433432.4338
PC	501+72.49	1112353.1748	2433604.8960
PT	502+04.59	1112373.5295	2433625.2272
PC	502+43.04	1112411.9686	2433624.5401
PT	502+74.46	1112431.6079	2433604.1858
PC	503+01.47	1112431.1251	2433577.1762
PT	503+40.61	1112455.5497	2433551.7359
POT	503+85.05	1112499.9786	2433550.7202

	STATION	N	E
ALIGNMENT COORDINATES - WOODSIDE RD.			
POT	97+00.00	1112383.7552	2433103.8877
POT	107+59.39	1112402.5056	2434163.1082
ALIGNMENT COORDINATES - IRON BRIDGE RD.			
POT	203+00.00	1112110.7392	2433622.7787
POT	206+08.66	1112395.0670	2433742.8982
ALIGNMENT COORDINATES - PEDIGO LN.			
POT	300+00.00	1112288.2575	2433394.4447
POT	301+07.66	1112389.5444	2433430.9216

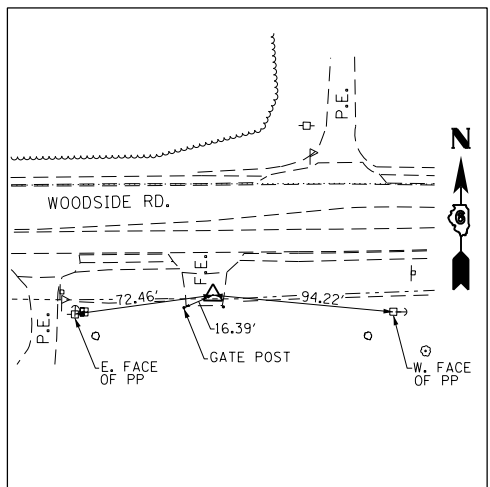
ROADWAY ALIGNMENTS FOR INFORMATION ONLY



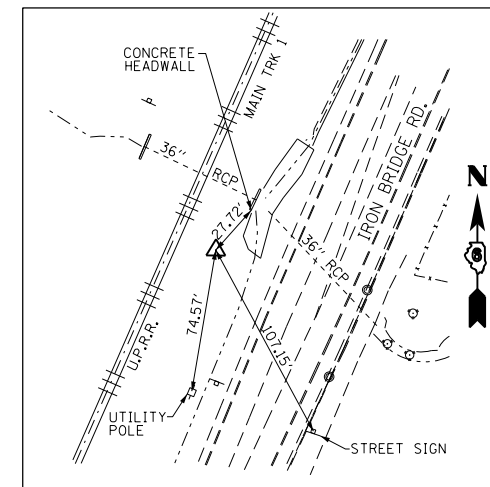
**CONTROL POINT NO. 151**  
SET REBAR WITH CAP  
STA. 96+02.33, 31.12' RT.  
N 1112350.914  
E 2433006.786  
ELEV. 594.450



**CONTROL POINT NO. 150**  
CUT "X" IN BIKE PATH  
STA. 100+51.97, 30.67' RT.  
N 1112359.317  
E 2433456.345  
ELEV. 596.540



**CONTROL POINT NO. 153**  
SET REBAR WITH CAP  
STA. 106+18.61, 39.80' RT.  
N 1112360.216  
E 2434023.055  
ELEV. 593.300



**CONTROL POINT NO. 152**  
SET REBAR WITH CAP  
STA. 201+37.13, 55.40' LT.  
N 1111982.266  
E 2433508.367  
ELEV. 594.590

**BENCHMARK**  
BM#1 - CHISELED "□" AT NE CORNER OF NE CONCRETE FOOTING OF HIGH VOLTAGE TOWER.  
37.42' LT. STA. 203+74.08 ELEV. 593.82



USER NAME = *USER*	DESIGNED - MCD	REVISED -
PLOT SCALE = *SCALE*	DRAWN - SRS	REVISED -
PLOT DATE = *DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS  
WOODSIDE ROAD

SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 97+00.00 TO STA. 107+59.39

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	9
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				

EXIST CURVE 69REXIL4-1  
 PI STA = 109+02.15  
 $\Delta = 50^\circ 47' 49''$  (RT)  
 $D = 5^\circ 32' 09''$   
 $R = 1,035.00'$   
 $T = 491.42'$   
 $L = 917.60'$   
 $E = 110.74'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $PC STA = 104+10.73$   
 $PT STA = 113+28.34$

EXIST CURVE 69REXIL4-2  
 PI STA = 122+30.81  
 $\Delta = 27^\circ 08' 56''$  (LT)  
 $D = 2^\circ 30' 47''$   
 $R = 2,280.00'$   
 $T = 550.51'$   
 $L = 1,080.35'$   
 $E = 65.52'$   
 $e = 2.0'$   
 $T.R. = 27'$   
 $S.E. RUN = 63'$   
 $PC STA = 116+80.29$   
 $PT STA = 127+60.64$   
 END FULL SE AT STA 127+49  
 BEGIN NC AT STA 128+12

EXIST CURVE 69REXSPRUCE-1  
 PI STA = 302+48.23  
 $\Delta = 88^\circ 16' 57''$  (RT)  
 $D = 63^\circ 39' 43''$   
 $R = 90.00'$   
 $T = 87.34'$   
 $L = 138.67'$   
 $E = 35.41'$   
 $e = NC$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $PC STA = 301+60.88$   
 $PT STA = 302+99.56$

EXIST CURVE 69REXCHURCH-1  
 PI STA = 700+79.11  
 $\Delta = 75^\circ 06' 52''$  (RT)  
 $D = 114^\circ 35' 30''$   
 $R = 50.00'$   
 $T = 38.45'$   
 $L = 65.55'$   
 $E = 13.07'$   
 $e = NC$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $PC STA = 700+40.67$   
 $PT STA = 701+06.21$

EXIST CURVE 69REXCIRCLE-1  
 PI STA = 200+71.78  
 $\Delta = 24^\circ 16' 27''$  (LT)  
 $D = 49^\circ 49' 21''$   
 $R = 115.00'$   
 $T = 24.73'$   
 $L = 48.72'$   
 $E = 2.63'$   
 $e = NC$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $PC STA = 200+47.05$   
 $PT STA = 200+95.77$

PROP CURVE 69RPRGOLD-1  
 PI STA = 40+67.38  
 $\Delta = 15^\circ 39' 41''$  (RT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 82.52'$   
 $L = 164.01'$   
 $E = 5.65'$   
 $e = NC$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $PC STA = 39+84.86$   
 $PT STA = 41+48.87$

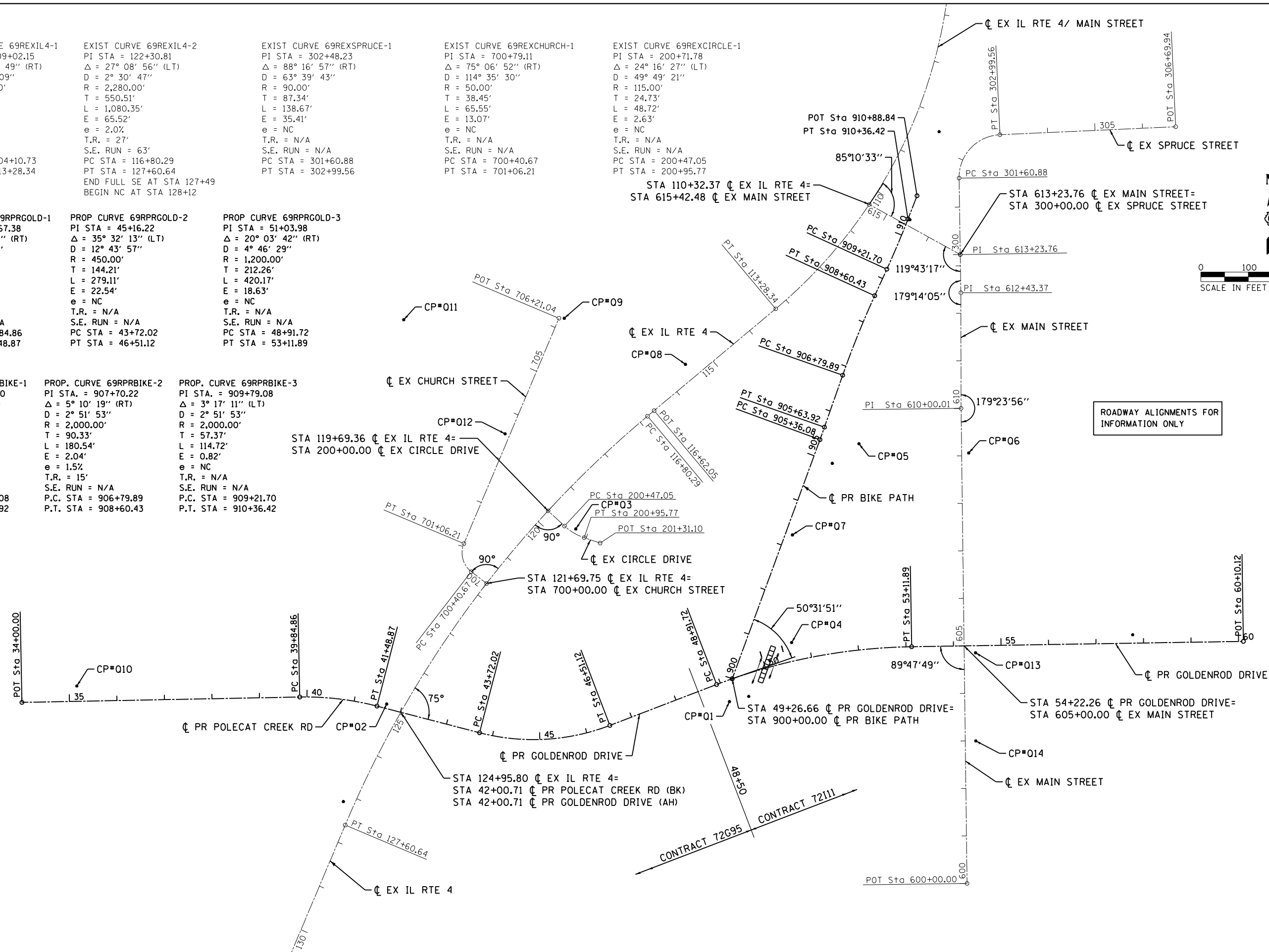
PROP CURVE 69RPRGOLD-2  
 PI STA = 45+16.22  
 $\Delta = 35^\circ 32' 13''$  (LT)  
 $D = 12^\circ 43' 57''$   
 $R = 450.00'$   
 $T = 144.21'$   
 $L = 279.11'$   
 $E = 22.54'$   
 $e = NC$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $PC STA = 43+72.02$   
 $PT STA = 46+51.12$

PROP CURVE 69RPRGOLD-3  
 PI STA = 51+03.98  
 $\Delta = 20^\circ 03' 42''$  (RT)  
 $D = 4^\circ 46' 29''$   
 $R = 1,200.00'$   
 $T = 212.26'$   
 $L = 420.17'$   
 $E = 18.63'$   
 $e = NC$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $PC STA = 48+91.72$   
 $PT STA = 53+11.89$

PROP. CURVE 69RPRBIKE-1  
 PI STA = 905+50.00  
 $\Delta = 0^\circ 47' 52''$  (LT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 13.92'$   
 $L = 27.85'$   
 $E = 0.05'$   
 $e = 1.5'$   
 $T.R. = 15'$   
 $S.E. RUN = N/A$   
 $P.C. STA = 905+36.08$   
 $P.T. STA = 905+63.92$

PROP. CURVE 69RPRBIKE-2  
 PI STA = 907+70.22  
 $\Delta = 5^\circ 10' 19''$  (RT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 90.33'$   
 $L = 180.54'$   
 $E = 2.04'$   
 $e = 1.5'$   
 $T.R. = 15'$   
 $S.E. RUN = N/A$   
 $P.C. STA = 906+79.89$   
 $P.T. STA = 908+60.43$

PROP. CURVE 69RPRBIKE-3  
 PI STA = 909+79.08  
 $\Delta = 3^\circ 17' 11''$  (LT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 57.37'$   
 $L = 114.72'$   
 $E = 0.82'$   
 $e = NC$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA = 909+21.70$   
 $P.T. STA = 910+36.42$



ROADWAY ALIGNMENTS FOR INFORMATION ONLY

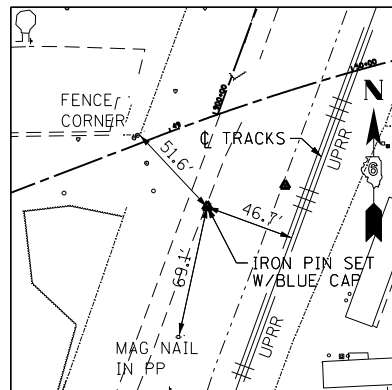


USER NAME = *USER*	DESIGNED - MCD	REVISED -
DRAWN - SRS	REVISED -	
CHECKED - JAC	REVISED -	
DATE - 12-08-16	REVISED -	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

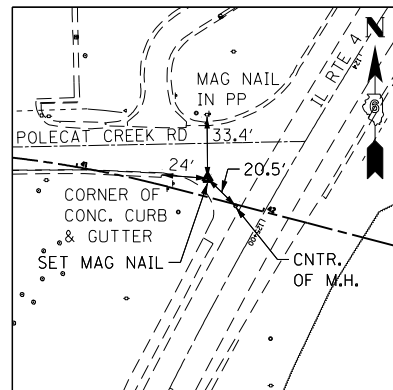
ALIGNMENT, TIES & BENCHMARKS  
 PEDESTRIAN CROSSING, SPRUCE STREET AND GOLDENROD DRIVE  
 SCALE: 1"=100' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HSR FENCING SANG. 2017		SANGAMON	32	10
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				



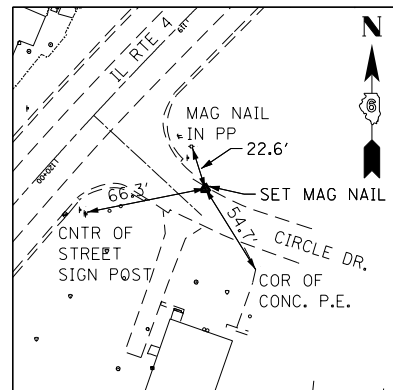
**CONTROL POINT #01**

SET I.P. W/BUE CAP  
 STA. 49+04.37, 43.35' RT  
 N 1093640.11  
 E 2426200.42  
 ELEV. 603.03



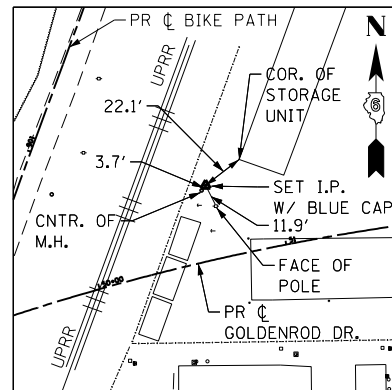
**CONTROL POINT #02**

SET MAG NAIL  
 STA. 41+67.64, 9.36' LT  
 N 1093635.10  
 E 2425479.16  
 ELEV. 602.60



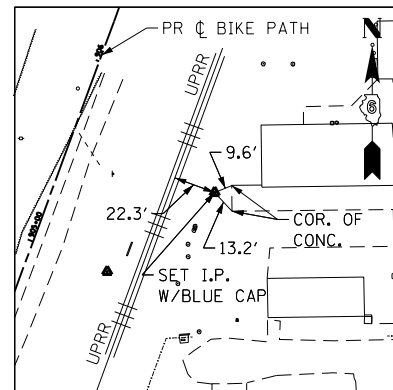
**CONTROL POINT #03**

SET MAG NAIL  
 STA. 119+57.49, 68.55' LT  
 N 1094003.67  
 E 2425876.95  
 ELEV. 601.92



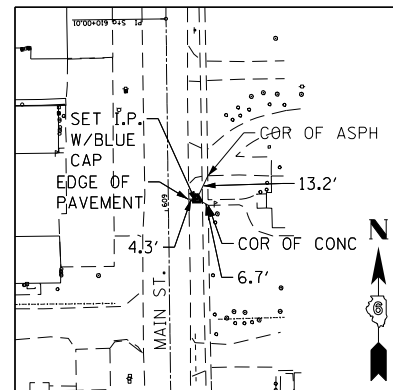
**CONTROL POINT #04**

SET I.P. W/BUE CAP  
 STA. 50+65.72, 38.82' LT  
 N 1093764.48  
 E 2426331.38  
 ELEV. 602.79



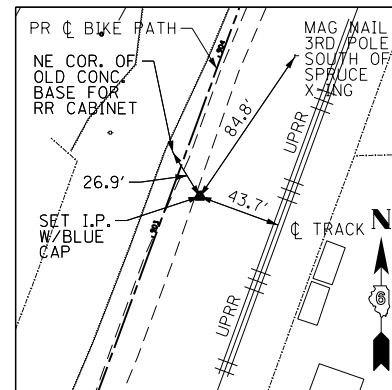
**CONTROL POINT #05**

SET I.P. W/BUE CAP  
 STA. 905+56.61, 80.04' RT  
 N 1094182.92  
 E 2426473.10  
 ELEV. 603.28



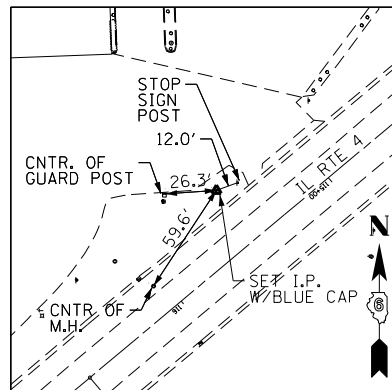
**CONTROL POINT #06**

SET I.P. W/BUE CAP  
 STA. 609+05.91, 14.93' RT  
 N 1093763.55  
 E 2426704.09  
 ELEV. 603.03



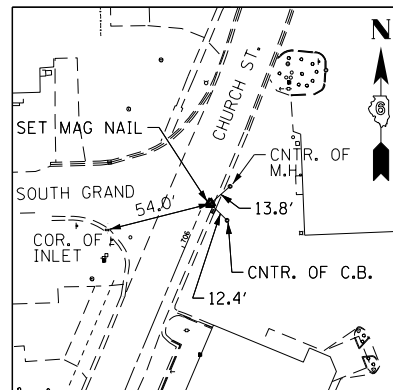
**CONTROL POINT #07**

SET I.P. W/BUE CAP  
 STA. 903+28.22, 14.70' RT  
 N 1093991.12  
 E 2426332.94  
 ELEV. 602.76



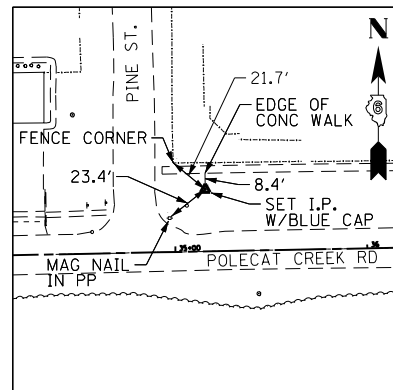
**CONTROL POINT #08**

SET I.P. W/BUE CAP  
 STA. 115+48.98, 32.45' RT  
 N 1094350.16  
 E 2426107.86  
 ELEV. 602.11



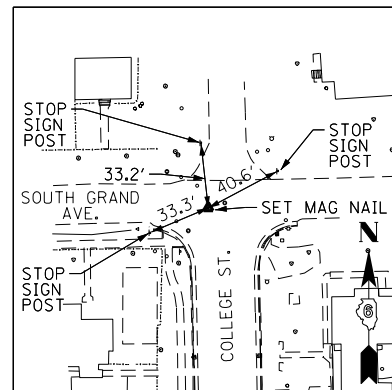
**CONTROL POINT #09**

SET MAG NAIL  
 STA. 1094447.11  
 N 1094447.11  
 E 2425852.93  
 ELEV. 601.30



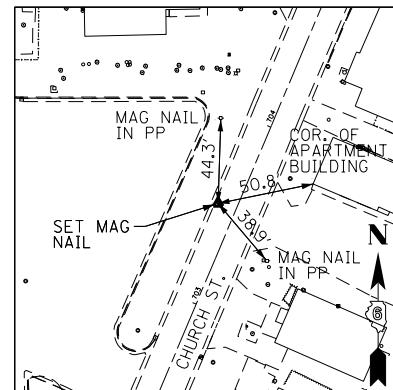
**CONTROL POINT #10**

SET I.P. W/BUE CAP  
 STA. 35+16.16, 32.33' LT  
 N 1093673.14  
 E 2424827.03  
 ELEV. 603.35



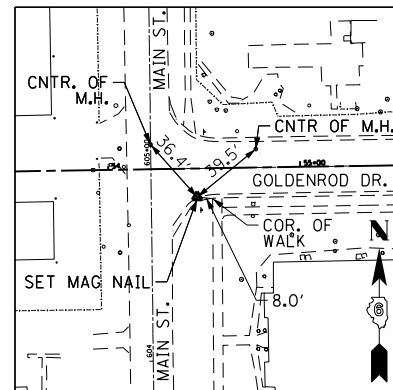
**CONTROL POINT #11**

SET MAG NAIL  
 STA. 1094444.01  
 N 1094203.76  
 E 2425515.01  
 ELEV. 602.84



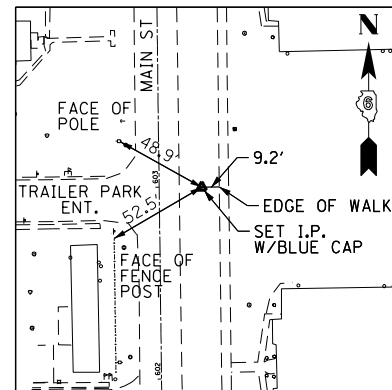
**CONTROL POINT #12**

SET MAG NAIL  
 STA. 703+52.75, 9.81' LT  
 N 1094203.76  
 E 2425728.43  
 ELEV. 600.45



**CONTROL POINT #13**

SET MAG NAIL  
 STA. 54+46.12, 14.83' RT  
 N 1093743.04  
 E 2426718.36  
 ELEV. 600.77



**CONTROL POINT #14**

SET I.P. W/BUE CAP  
 STA. 602+99.67, 22.13' RT  
 N 1093557.45  
 E 2426718.91  
 ELEV. 600.48

**BENCHMARK**

TBM01-	STA. 46+86, 67' LT (GOLDENROD DR.) CHISELED SQUARE SE CORNER CONCRETE PAD ELEV. 602.52	TBM09-	STA 298+82, 186' RT (IL RTE 4) CHISELED SQUARE NE CORNER PARKING LOT ELEV. 602.04
TBM02-	STA. 295+11, 40' RT (IL RTE 4) TOP CENTER ROW MARKER ELEV. 603.61	TBM10-	STA. 302+86, 44' LT (IL RTE 4) CHISELED SQUARE NW EDGE CONCRETE SIGN BASE ELEV. 602.28
TBM03-	STA. 296+80, 95' LT (IL RTE 4) CHISELED "+" SE BOLT ON FH ELEV. 605.06		
TBM05-	STA. 302+76, 319' LT (IL RTE 4) CHISELED "+" SE BOLT ON FH ELEV. 603.73		
TBM06-	STA 38+94, 26' LT (GOLDENROD DR) CHISELED "+" SE BOLT ON FH ELEV. 606.56		
TBM07-	STA. 609+52, 25' LT (MAIN ST.) CHISELED "+" SE BOLT ON FH ELEV. 604.19		
TBM08-	STA. 54+75, 19' RT (GOLDENROD DR.) CHISELED "+" SE BOLT ON FH ELEV. 603.03		

ALIGNMENT COORDINATES - EXISTING CIRCLE DRIVE			
	STATION	N	E
POT	200+00.00	1094041.7930	2425818.7972
PC	200+47.05	1094009.8360	2425853.3309
PI	200+71.78	1093993.0384	2425871.4829
PT	200+95.77	1093985.1882	2425894.9356
POT	201+31.10	1093973.9760	2425928.4325

ALIGNMENT COORDINATES - EXISTING MAIN STREET			
	STATION	N	E
POT	600+00.00	1093257.5258	2426700.5491
PI	610+00.01	1094257.4530	2426687.9685
PI	612+43.37	1094500.8183	2426687.4605
PI	613+23.76	1094581.1969	2426686.2191
PI	615+42.47	1094686.6844	2426494.6273

ALIGNMENT COORDINATES - EXISTING CHURCH STREET			
	STATION	N	E
POT	700+00.00	1093888.9270	2425689.3275
PC	700+40.67	1093913.8200	2425657.1720
PI	700+79.11	1093937.3545	2425626.7713
PT	701+06.21	1093972.7807	2425641.7063
POT	706+21.04	1094447.1725	2425841.7011

ALIGNMENT COORDINATES - EXISTING IL ROUTE 4			
	STATION	N	E
POT	101+55.61	1095529.0420	2426664.7206
PC	104+10.73	1095273.9395	2426668.0694
PI	109+02.15	1094782.5615	2426674.5199
PT	113+28.34	1094466.9774	2426297.8229
PC	116+80.29	1094240.9567	2426028.0333
PI	122+30.81	1093887.4230	2425606.0378
PT	127+60.64	1093380.2816	2425391.8554
POT	134+69.99	1092726.8184	2425115.8766

ALIGNMENT COORDINATES - EXISTING SPRUCE STREET			
	STATION	N	E
POT	300+00.00	1094581.1969	2426686.2191
PC	301+60.88	1094742.0622	2426683.7345
PI	302+48.23	1094829.3936	2426682.3857
PT	302+99.56	1094833.3592	2426769.6374
POT	306+69.94	1094850.1763	2427139.6411

ALIGNMENT COORDINATES - PROPOSED BIKE PATH			
	STATION	N	E
PI	900+00.00	1093688.3093	2426206.2942
PC	905+36.08	1094191.5663	2426390.9805
PI	905+50.00	1094204.6387	2426395.7778
PT	905+63.92	1094217.7765	2426400.3926
PC	906+79.89	1094327.1916	2426438.8260
PI	907+70.22	1094412.4159	2426468.7620
PT	908+60.43	1094494.5947	2426506.2587
PC	909+21.70	1094550.3390	2426531.6938
PI	909+79.08	1094602.5363	2426555.5105
PT	910+36.42	1094656.0130	2426576.2957
PI	910+88.84	1094704.8750	2426595.2873

ALIGNMENT COORDINATES - PROPOSED GOLDENROD DRIVE			
	STATION	N	E
POT	34+00.00	1093638.5618	2424711.5158
PC	39+84.86	1093649.8916	2425296.2695
PI	40+67.38	1093651.4901	2425378.7711
PT	41+48.87	1093630.7579	2425458.6413
PC	43+72.02	1093574.6927	2425674.6301
PI	45+16.22	1093538.4613	2425814.2100
PT	46+51.12	1093590.1059	2425948.8507
PC	48+91.72	1093676.2712	2426173.4892
PI	51+03.98	1093752.2870	2426371.6675
PT	53+11.89	1093755.7096	2426583.8970
POT	60+10.12	1093766.9684	2427282.0355



USER NAME : *USER*	DESIGNED - MCD	REVISED -
PLOT SCALE : *SCALE*	DRAWN - SRS	REVISED -
PLOT DATE : *DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

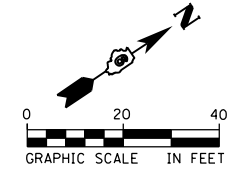
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENT, TIES &amp; BENCHMARKS</b>			
<b>PEDESTRIAN CROSSING, SPRUCE STREET AND GOLDENROD DRIVE</b>			
SCALE: NTS	SHEET 5	OF 5 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	11
CONTRACT NO. 72J59			ILLINOIS FED. AID PROJECT	

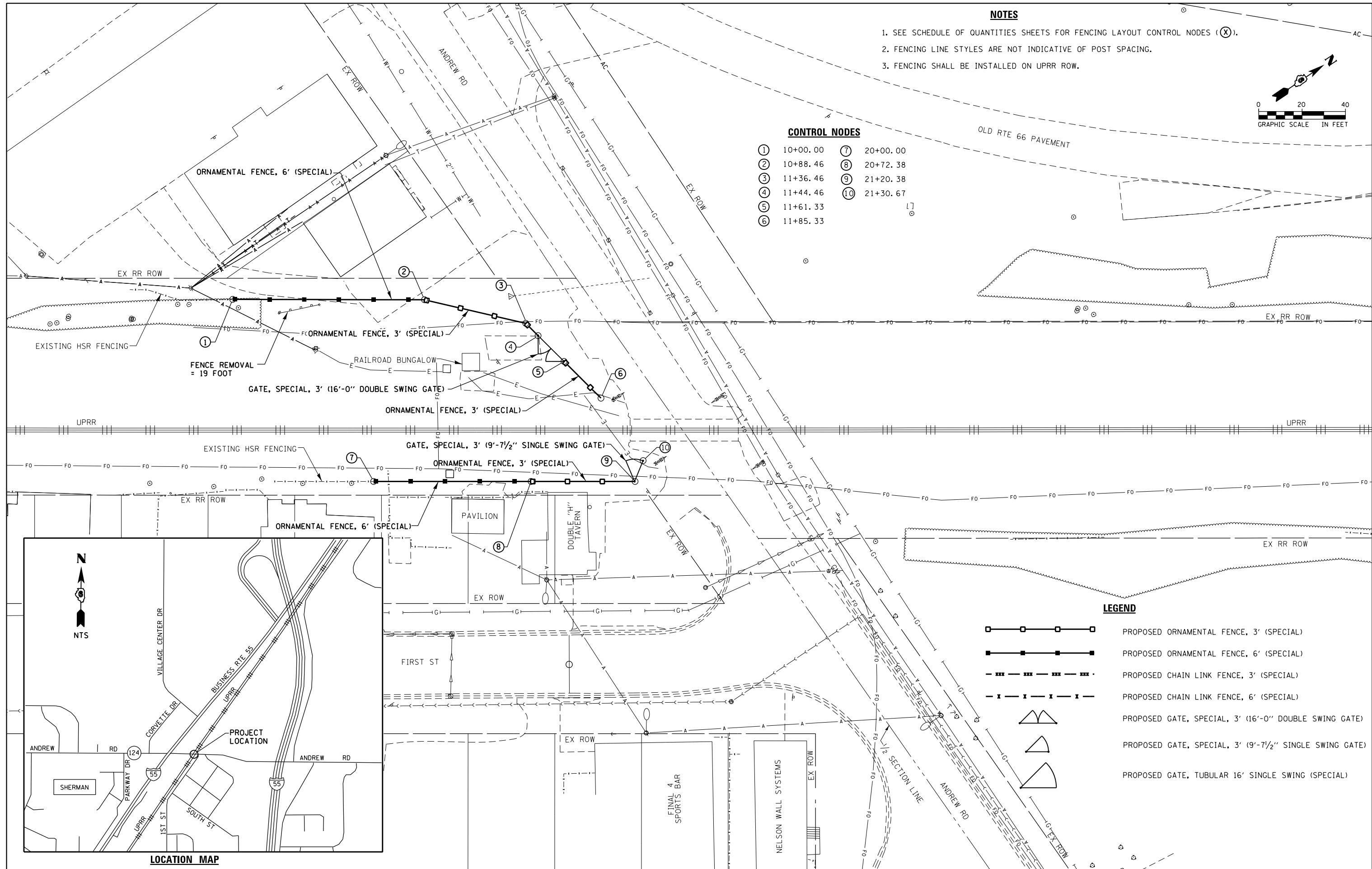
**NOTES**

1. SEE SCHEDULE OF QUANTITIES SHEETS FOR FENCING LAYOUT CONTROL NODES (X).
2. FENCING LINE STYLES ARE NOT INDICATIVE OF POST SPACING.
3. FENCING SHALL BE INSTALLED ON UPRR ROW.



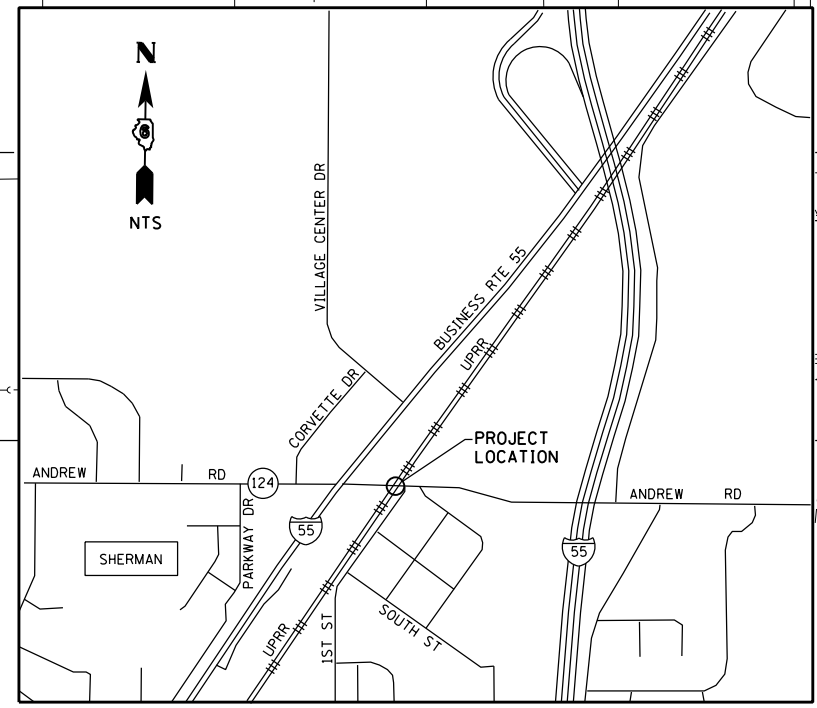
**CONTROL NODES**

- |            |            |
|------------|------------|
| ① 10+00.00 | ⑦ 20+00.00 |
| ② 10+88.46 | ⑧ 20+72.38 |
| ③ 11+36.46 | ⑨ 21+20.38 |
| ④ 11+44.46 | ⑩ 21+30.67 |
| ⑤ 11+61.33 |            |
| ⑥ 11+85.33 |            |



**LEGEND**

- PROPOSED ORNAMENTAL FENCE, 3' (SPECIAL)
- PROPOSED ORNAMENTAL FENCE, 6' (SPECIAL)
- PROPOSED CHAIN LINK FENCE, 3' (SPECIAL)
- PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)
- PROPOSED GATE, SPECIAL, 3' (16'-0\'\' DOUBLE SWING GATE)
- PROPOSED GATE, SPECIAL, 3' (9'-7 1/2\'\' SINGLE SWING GATE)
- PROPOSED GATE, TUBULAR 16' SINGLE SWING (SPECIAL)



**LOCATION MAP**



USER NAME : *USER*	DESIGNED - MCD	REVISED -
DRAWN - SRS	REVISOR -	
CHECKED - JAC	REVISOR -	
DATE - 12-08-16	REVISOR -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FENCING PLANS  
ANDREW ROAD**

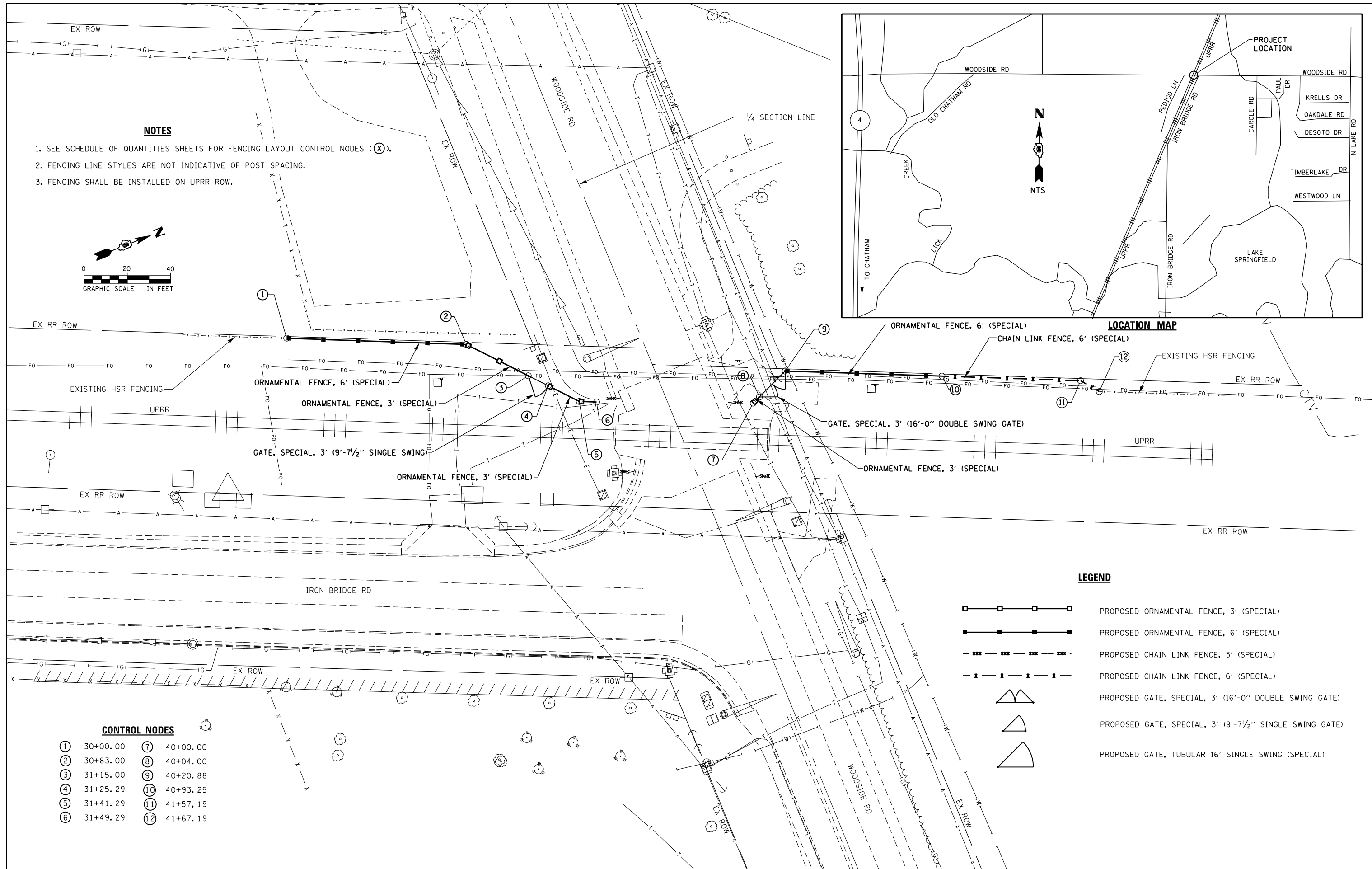
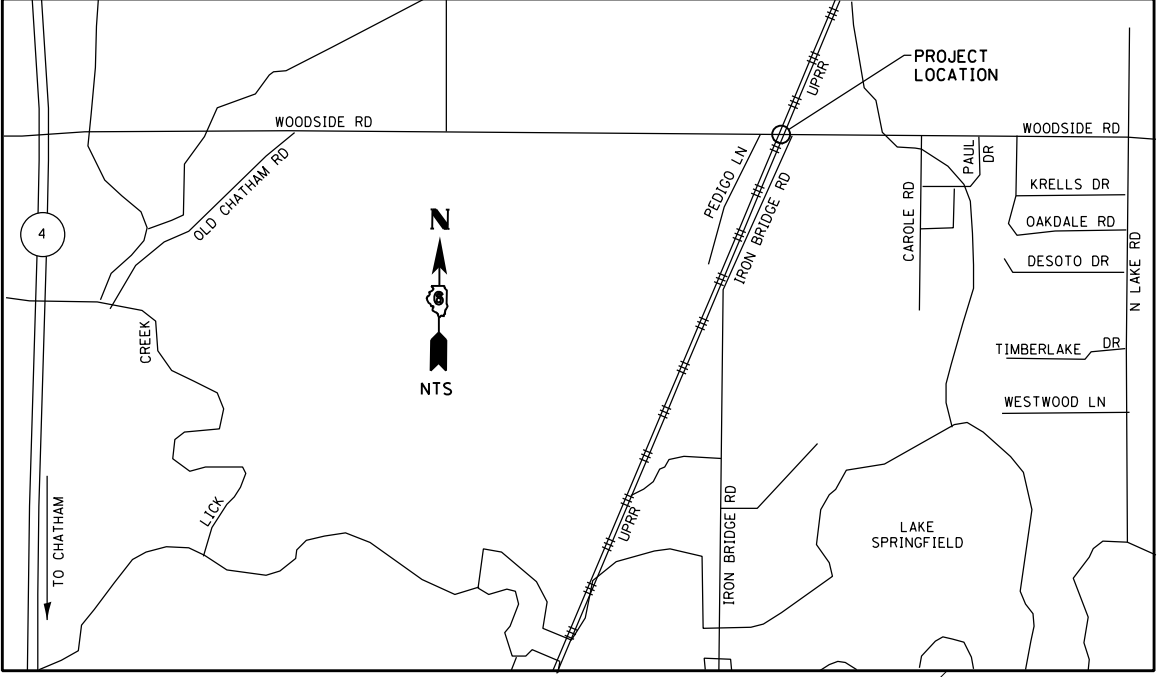
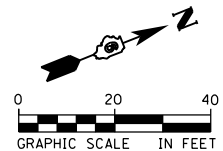
SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HSR FENCING SANG. 2017		SANGAMON	32	12
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				

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**NOTES**

1. SEE SCHEDULE OF QUANTITIES SHEETS FOR FENCING LAYOUT CONTROL NODES (X).
2. FENCING LINE STYLES ARE NOT INDICATIVE OF POST SPACING.
3. FENCING SHALL BE INSTALLED ON UPRR ROW.



**LEGEND**

- PROPOSED ORNAMENTAL FENCE, 3' (SPECIAL)
- PROPOSED ORNAMENTAL FENCE, 6' (SPECIAL)
- PROPOSED CHAIN LINK FENCE, 3' (SPECIAL)
- PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)
- PROPOSED GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)
- PROPOSED GATE, SPECIAL, 3' (9'-7 1/2" SINGLE SWING GATE)
- PROPOSED GATE, TUBULAR 16' SINGLE SWING (SPECIAL)

**CONTROL NODES**

①	30+00.00	⑦	40+00.00
②	30+83.00	⑧	40+04.00
③	31+15.00	⑨	40+20.88
④	31+25.29	⑩	40+93.25
⑤	31+41.29	⑪	41+57.19
⑥	31+49.29	⑫	41+67.19



USER NAME = *USER*	DESIGNED - MCD	REVISED -
PLOT SCALE = *SCALE*	DRAWN - SRS	REVISED -
PLOT DATE = *DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

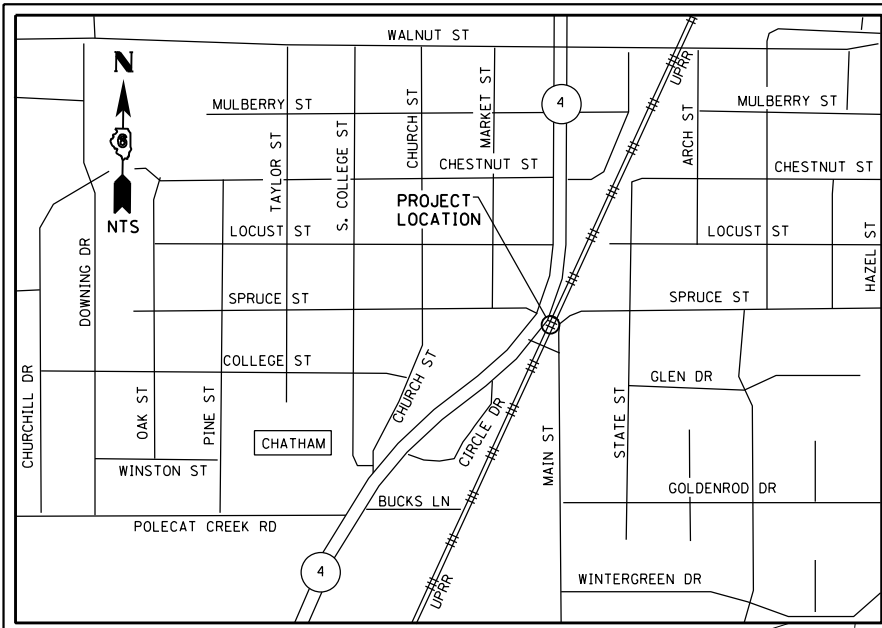
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FENCING PLANS  
WOODSIDE ROAD**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	13
			CONTRACT NO. 72J59	
ILLINOIS FED. AID PROJECT				

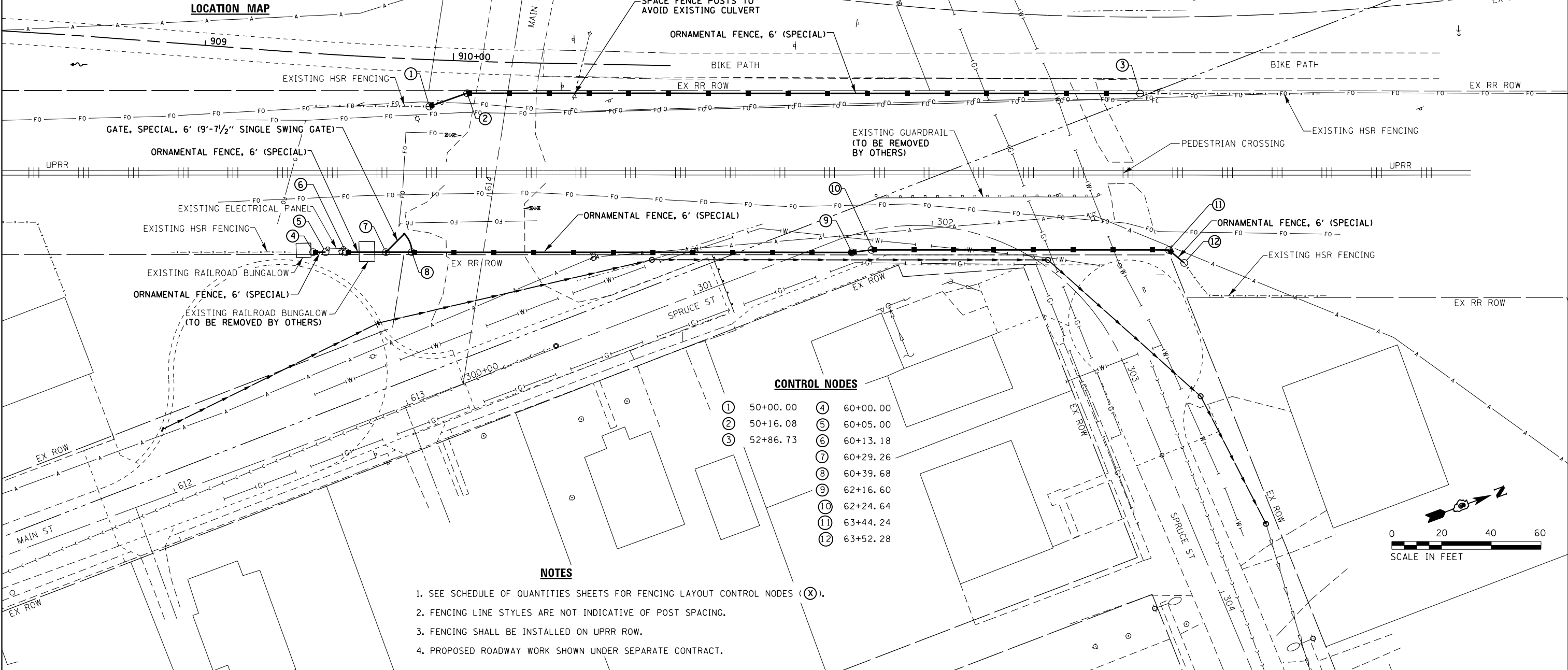
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**LOCATION MAP**

**LEGEND**

	PROPOSED ORNAMENTAL FENCE, 3' (SPECIAL)
	PROPOSED ORNAMENTAL FENCE, 6' (SPECIAL)
	PROPOSED CHAIN LINK FENCE, 3' (SPECIAL)
	PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)
	PROPOSED GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)
	PROPOSED GATE, SPECIAL, 3' (9'-7 1/2" SINGLE SWING GATE)
	PROPOSED GATE, TUBULAR 16' SINGLE SWING (SPECIAL)

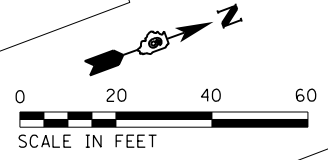


**CONTROL NODES**

① 50+00.00	④ 60+00.00
② 50+16.08	⑤ 60+05.00
③ 52+86.73	⑥ 60+13.18
	⑦ 60+29.26
	⑧ 60+39.68
	⑨ 62+16.60
	⑩ 62+24.64
	⑪ 63+44.24
	⑫ 63+52.28

**NOTES**

1. SEE SCHEDULE OF QUANTITIES SHEETS FOR FENCING LAYOUT CONTROL NODES (X).
2. FENCING LINE STYLES ARE NOT INDICATIVE OF POST SPACING.
3. FENCING SHALL BE INSTALLED ON UPRR ROW.
4. PROPOSED ROADWAY WORK SHOWN UNDER SEPARATE CONTRACT.



USER NAME = *USER*	DESIGNED - MCD	REVISED -
PLOT SCALE = *SCALE*	DRAWN - SRS	REVISED -
PLOT DATE = *DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>FENCING PLANS</b>	
<b>PEDESTRIAN CROSSING &amp; SPRUCE STREET</b>	
SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS STA. TO STA.

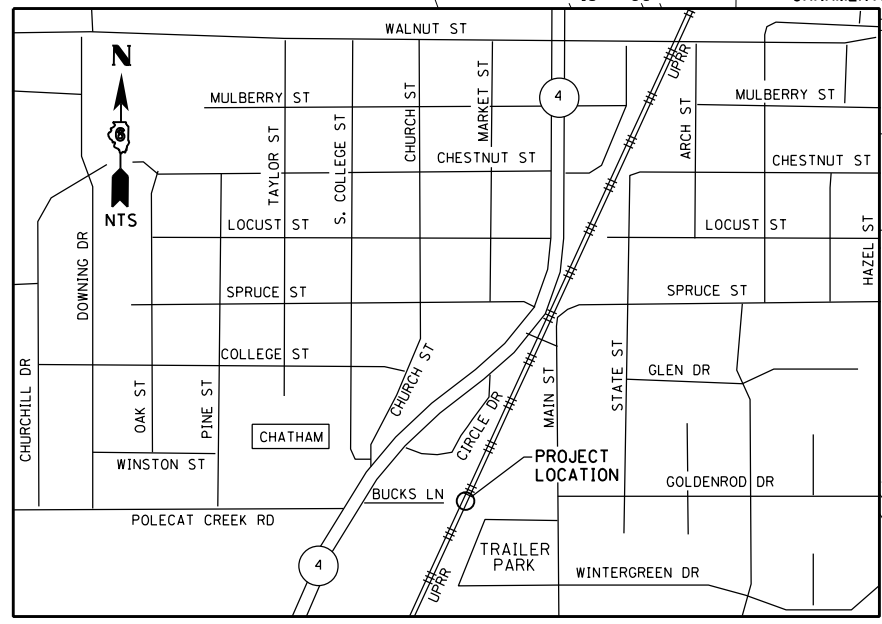
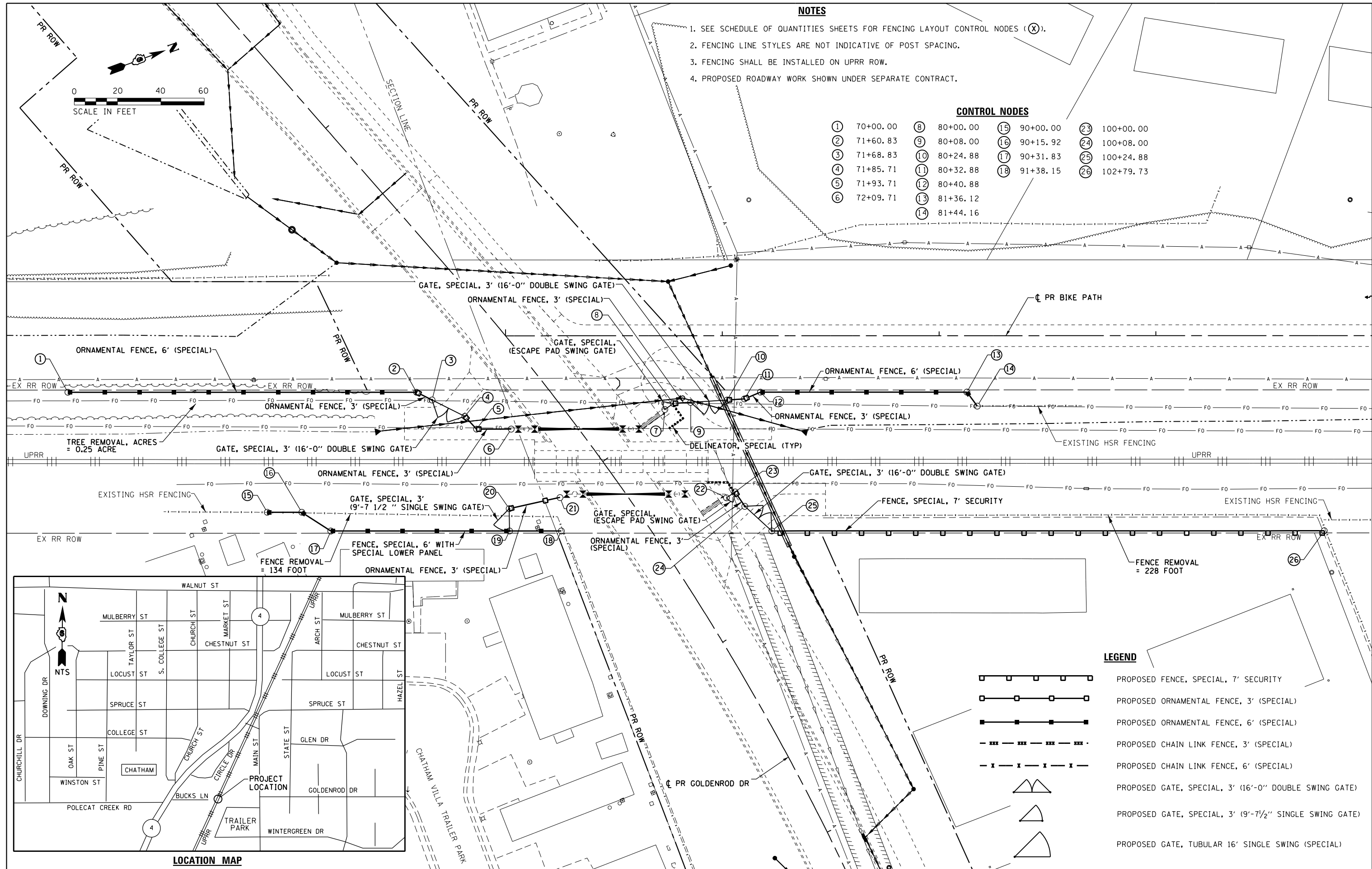
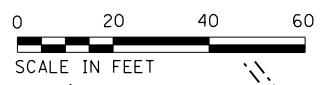
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	14
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. SEE SCHEDULE OF QUANTITIES SHEETS FOR FENCING LAYOUT CONTROL NODES (X).
2. FENCING LINE STYLES ARE NOT INDICATIVE OF POST SPACING.
3. FENCING SHALL BE INSTALLED ON UPRR ROW.
4. PROPOSED ROADWAY WORK SHOWN UNDER SEPARATE CONTRACT.

**CONTROL NODES**

1	70+00.00	8	80+00.00	15	90+00.00	23	100+00.00
2	71+60.83	9	80+08.00	16	90+15.92	24	100+08.00
3	71+68.83	10	80+24.88	17	90+31.83	25	100+24.88
4	71+85.71	11	80+32.88	18	91+38.15	26	102+79.73
5	71+93.71	12	80+40.88				
6	72+09.71	13	81+36.12				
		14	81+44.16				



**LEGEND**

- PROPOSED FENCE, SPECIAL, 7' SECURITY
- PROPOSED ORNAMENTAL FENCE, 3' (SPECIAL)
- PROPOSED ORNAMENTAL FENCE, 6' (SPECIAL)
- PROPOSED CHAIN LINK FENCE, 3' (SPECIAL)
- PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)
- 



USER NAME = *USER*	DESIGNED - MCD	REVISED -
PLOT SCALE = *SCALE*	DRAWN - SRS	REVISED -
PLOT DATE = *DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

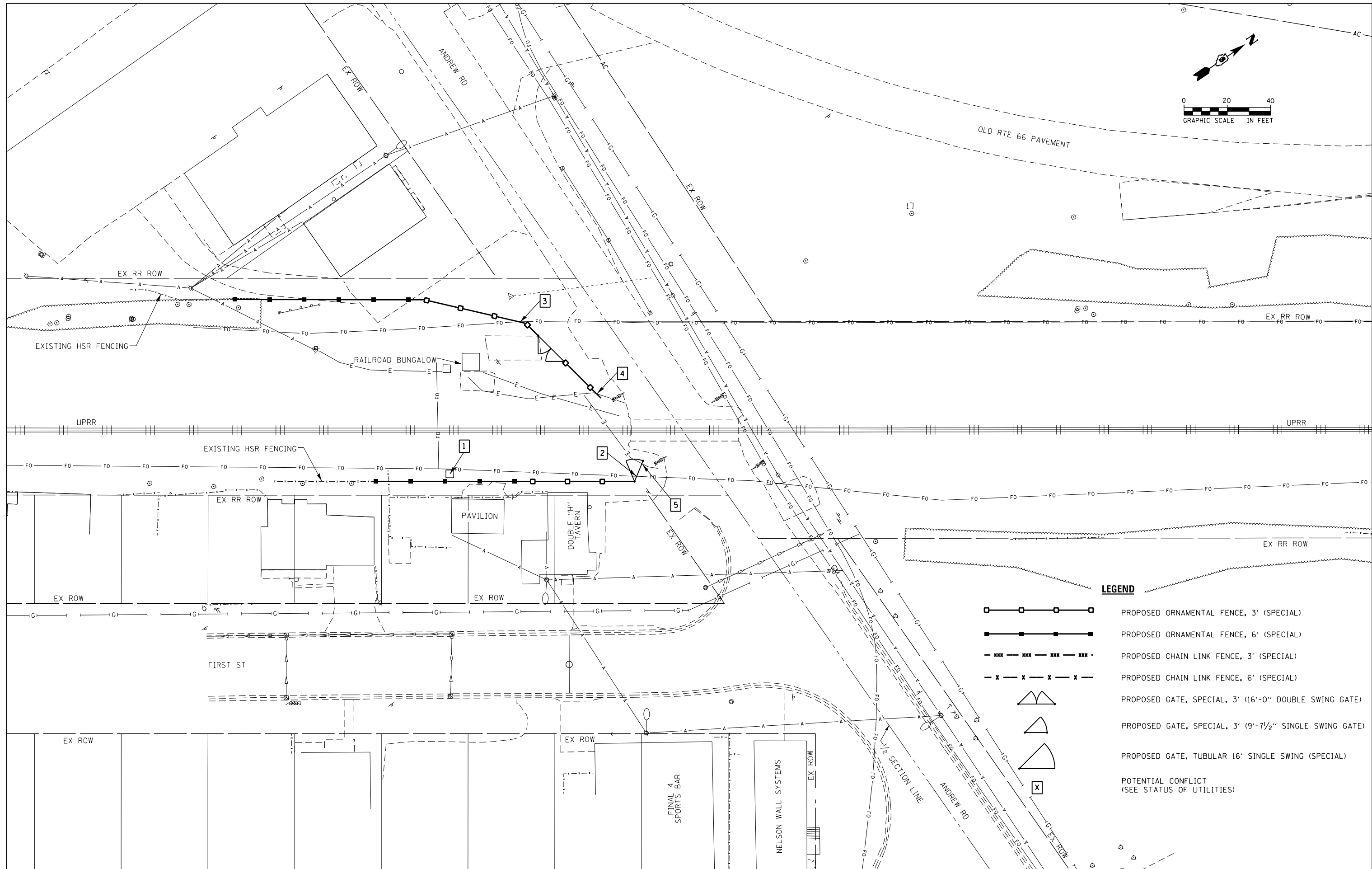
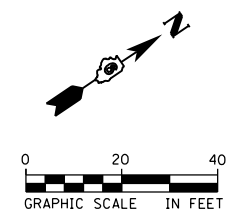
**FENCING PLANS  
GOLDENROD DRIVE**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	15
CONTRACT NO. 72J59				

ILLINOIS FED. AID PROJECT

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**LEGEND**

	PROPOSED ORNAMENTAL FENCE, 3' (SPECIAL)
	PROPOSED ORNAMENTAL FENCE, 6' (SPECIAL)
	PROPOSED CHAIN LINK FENCE, 3' (SPECIAL)
	PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)
	PROPOSED GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)
	PROPOSED GATE, SPECIAL, 3' (9'-7 1/2" SINGLE SWING GATE)
	PROPOSED GATE, TUBULAR 16' SINGLE SWING (SPECIAL)
	POTENTIAL CONFLICT (SEE STATUS OF UTILITIES)



USER NAME = #USER#	DESIGNED - MCD	REVISED -
DRAWN - SRS	REVISOR -	
PLOT SCALE = #SCALE#	CHECKED - JAC	REVISED -
PLOT DATE = #DATE#	DATE - 12-08-16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

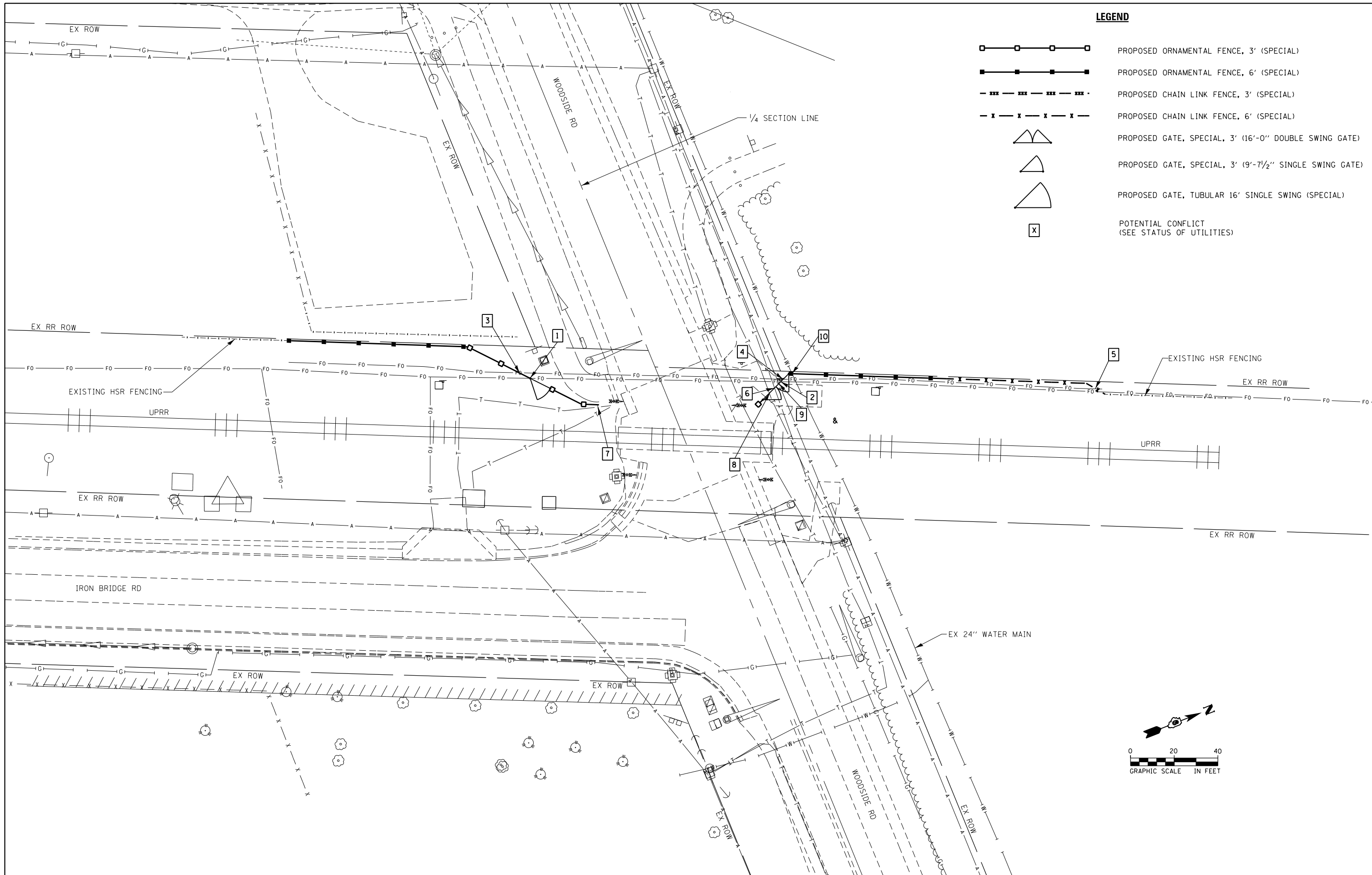
**UTILITY PLANS  
ANDREW ROAD**

SCALE: 1" = 20'    SHEET 1 OF 1 SHEETS    STA.    TO STA.







F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	16
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				

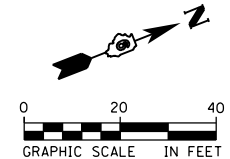
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**LEGEND**

-  PROPOSED ORNAMENTAL FENCE, 3' (SPECIAL)
-  PROPOSED ORNAMENTAL FENCE, 6' (SPECIAL)
-  PROPOSED CHAIN LINK FENCE, 3' (SPECIAL)
-  PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)
- PROPOSED GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)
- PROPOSED GATE, SPECIAL, 3' (9'-7 1/2" SINGLE SWING GATE)
-  PROPOSED GATE, TUBULAR 16' SINGLE SWING (SPECIAL)
-  POTENTIAL CONFLICT (SEE STATUS OF UTILITIES)



USER NAME = \$USER*	DESIGNED - MCD	REVISED -
DRAWN - SRS	REVISED -	
PLOT SCALE = \$SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = \$DATE*	DATE - 12-08-16	REVISED -

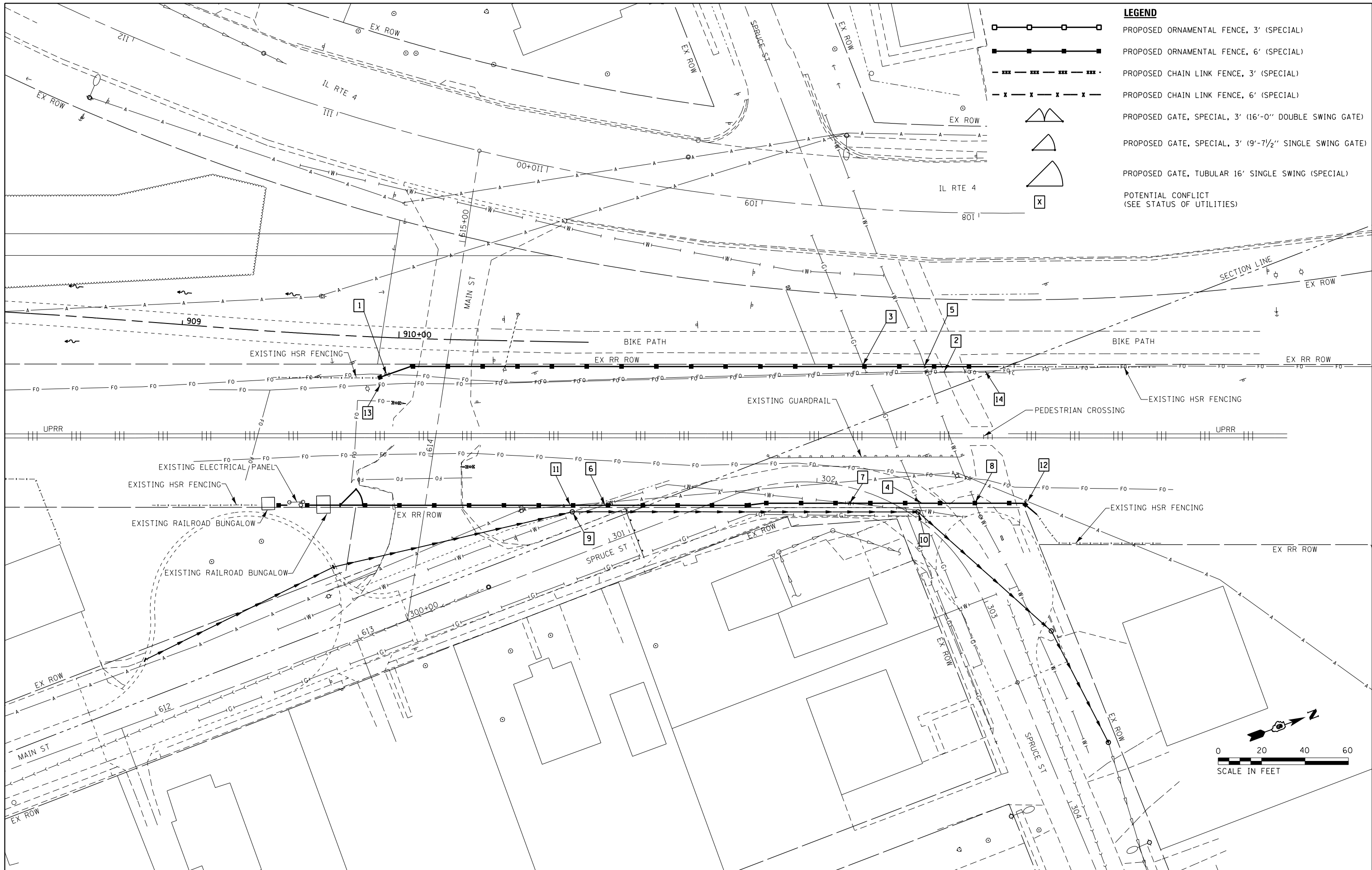
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**UTILITY PLANS  
WOODSIDE ROAD**

SCALE: 1" = 20'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

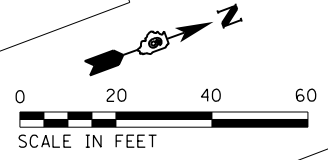
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	17
			CONTRACT NO. 72J59	
ILLINOIS FED. AID PROJECT				

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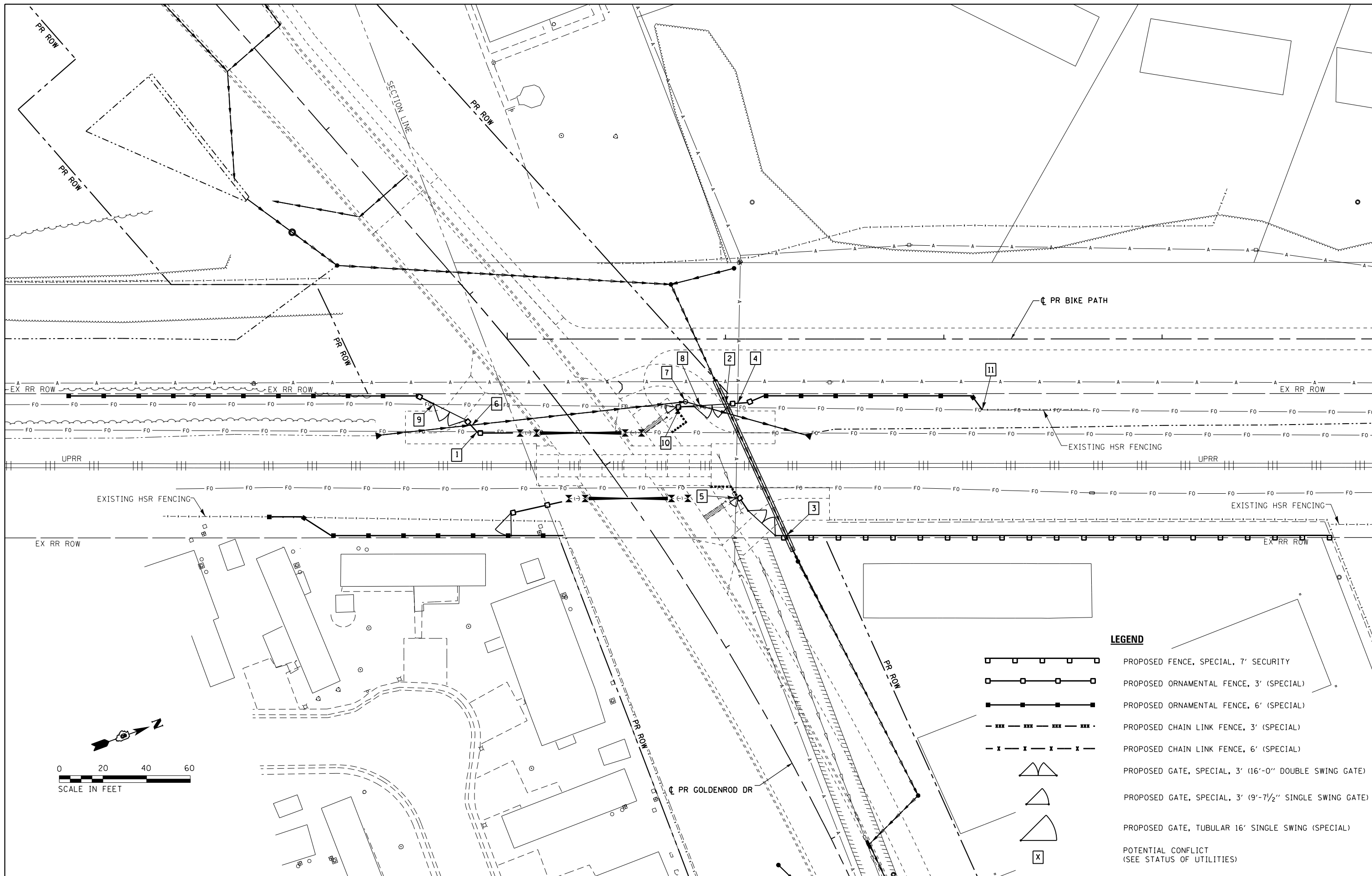
**LEGEND**

	PROPOSED ORNAMENTAL FENCE, 3' (SPECIAL)
	PROPOSED ORNAMENTAL FENCE, 6' (SPECIAL)
	PROPOSED CHAIN LINK FENCE, 3' (SPECIAL)
	PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)
	PROPOSED GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)
	PROPOSED GATE, SPECIAL, 3' (9'-7 1/2" SINGLE SWING GATE)
	PROPOSED GATE, TUBULAR 16' SINGLE SWING (SPECIAL)
	POTENTIAL CONFLICT (SEE STATUS OF UTILITIES)



<b>AECOM</b>	USER NAME = *USER*	DESIGNED - MCD	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UTILITY PLANS PEDESTRIAN CROSSING &amp; SPRUCE STREET</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = *SCALE*	DRAWN - SRS	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.	HSR FENCING SANG. 2017	SANGAMON	32	18
	PLOT DATE = *DATE*	CHECKED - JAC	REVISED -		DATE - 12-08-16	REVISED -			CONTRACT NO. 72J59		ILLINOIS FED. AID PROJECT	

294335B-shi-utility\_plan.dgn 12/7/2016 10:44:20 AM



**LEGEND**

	PROPOSED FENCE, SPECIAL, 7' SECURITY
	PROPOSED ORNAMENTAL FENCE, 3' (SPECIAL)
	PROPOSED ORNAMENTAL FENCE, 6' (SPECIAL)
	PROPOSED CHAIN LINK FENCE, 3' (SPECIAL)
	PROPOSED CHAIN LINK FENCE, 6' (SPECIAL)
	PROPOSED GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)
	PROPOSED GATE, SPECIAL, 3' (9'-7 1/2" SINGLE SWING GATE)
	PROPOSED GATE, TUBULAR 16' SINGLE SWING (SPECIAL)
	POTENTIAL CONFLICT (SEE STATUS OF UTILITIES)



USER NAME = *USER*	DESIGNED - MCD	REVISED -
DRAWN - SRS	REVISED -	
PLOT SCALE = *SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = *DATE*	DATE - 12-08-16	REVISED -

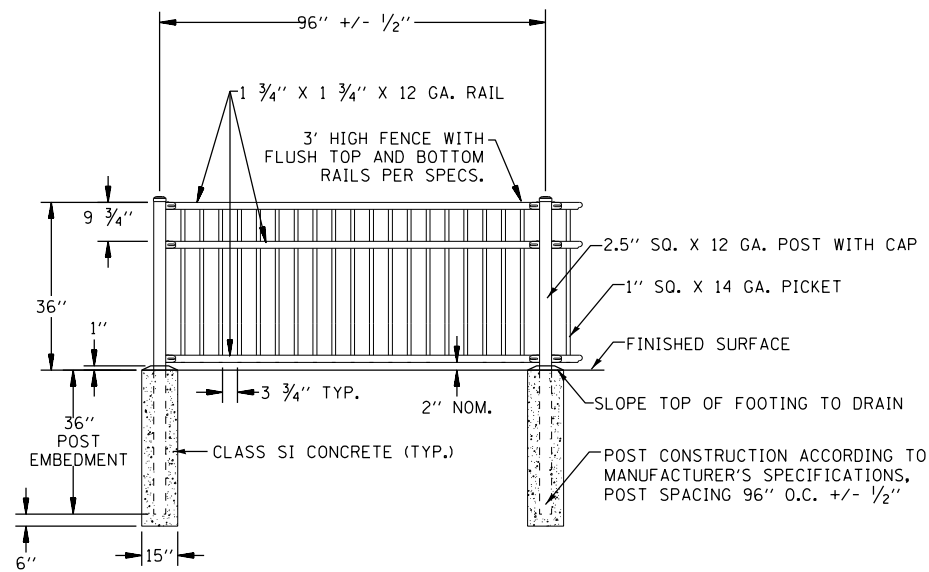
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**UTILITY PLANS  
GOLDENROD DRIVE**

SCALE: 1" = 20'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

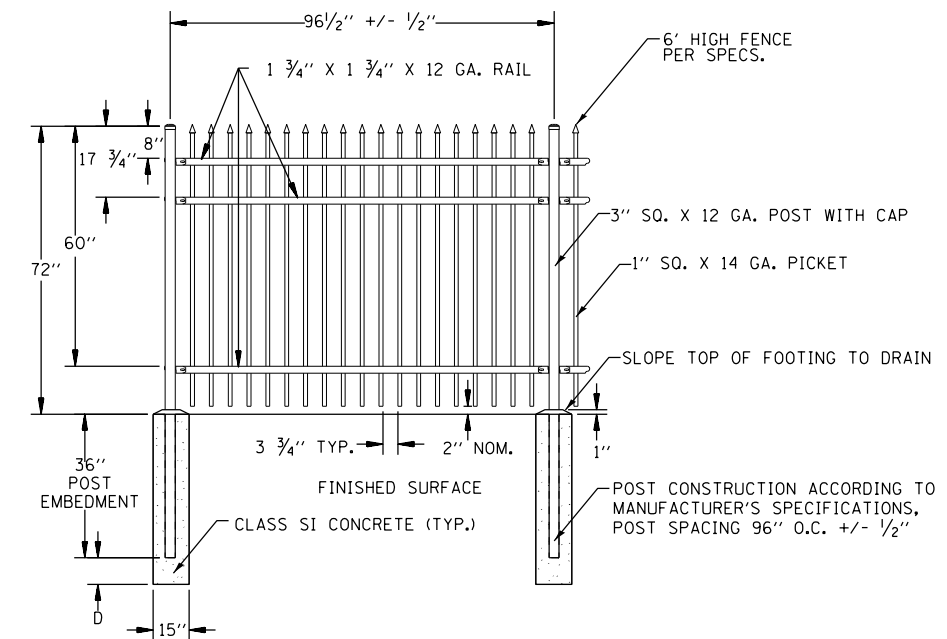
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	19
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				

440769K-sht-utility\_plan.dgn 12/7/2016 10:45:22 AM

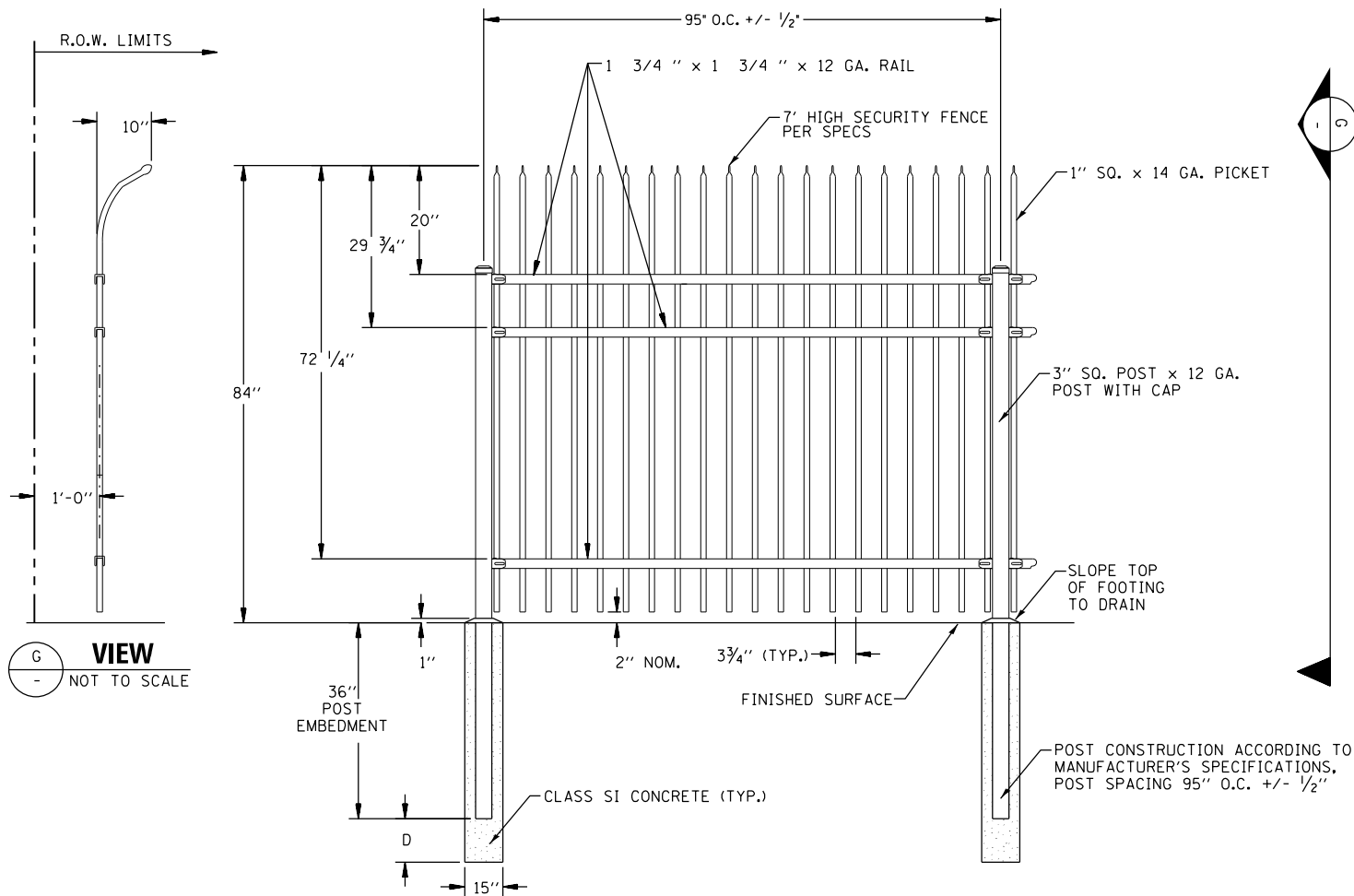


**ORNAMENTAL FENCE, 3' (SPECIAL)**  
NOT TO SCALE

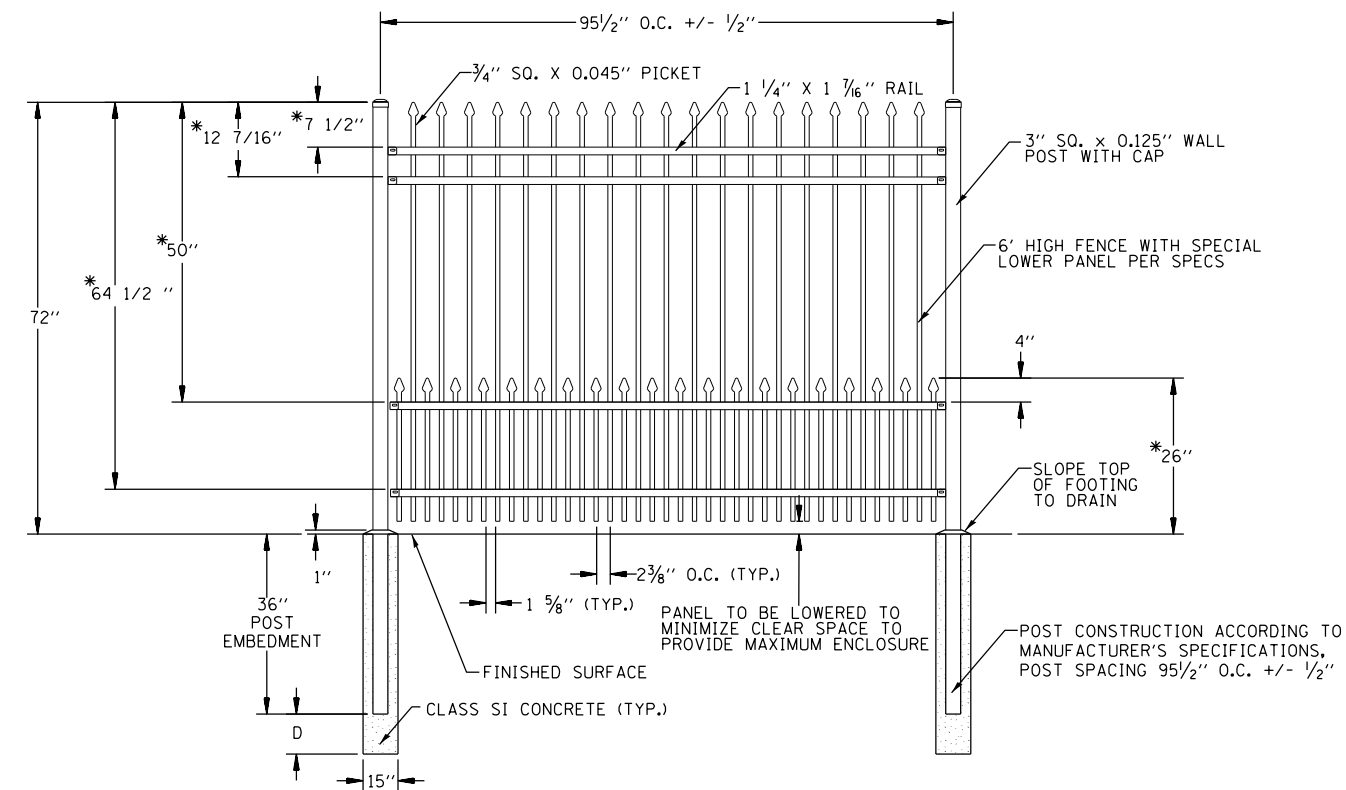
FENCE	WIND EXPOSURE B	WIND EXPOSURE C
FENCE, SPECIAL, 6'	12"	24"
FENCE, SPECIAL, 6' WITH SPECIAL LOWER PANEL	12"	24"
FENCE, SPECIAL, 7' SECURITY		



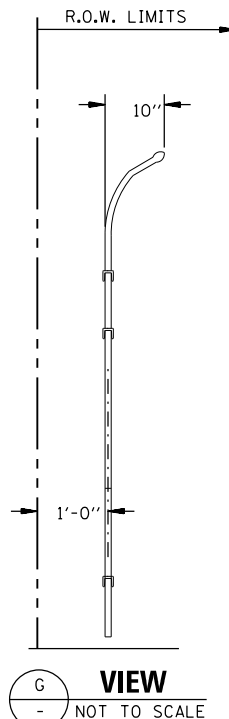
**ORNAMENTAL FENCE, 6' (SPECIAL)**  
NOT TO SCALE



**FENCE, SPECIAL, 7' SECURITY**  
NOT TO SCALE



**FENCE, SPECIAL, 6' WITH SPECIAL LOWER PANEL**  
NOT TO SCALE



**VIEW G**  
NOT TO SCALE

NOTE:  
1.) PORTIONS OF FENCE DRAWING IMAGES AS PROVIDED BY AMERISTAR.



USER NAME = \$USER*	DESIGNED - MCD	REVISED -
PLOT SCALE = \$SCALE*	DRAWN - SRS	REVISED -
PLOT DATE = \$DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

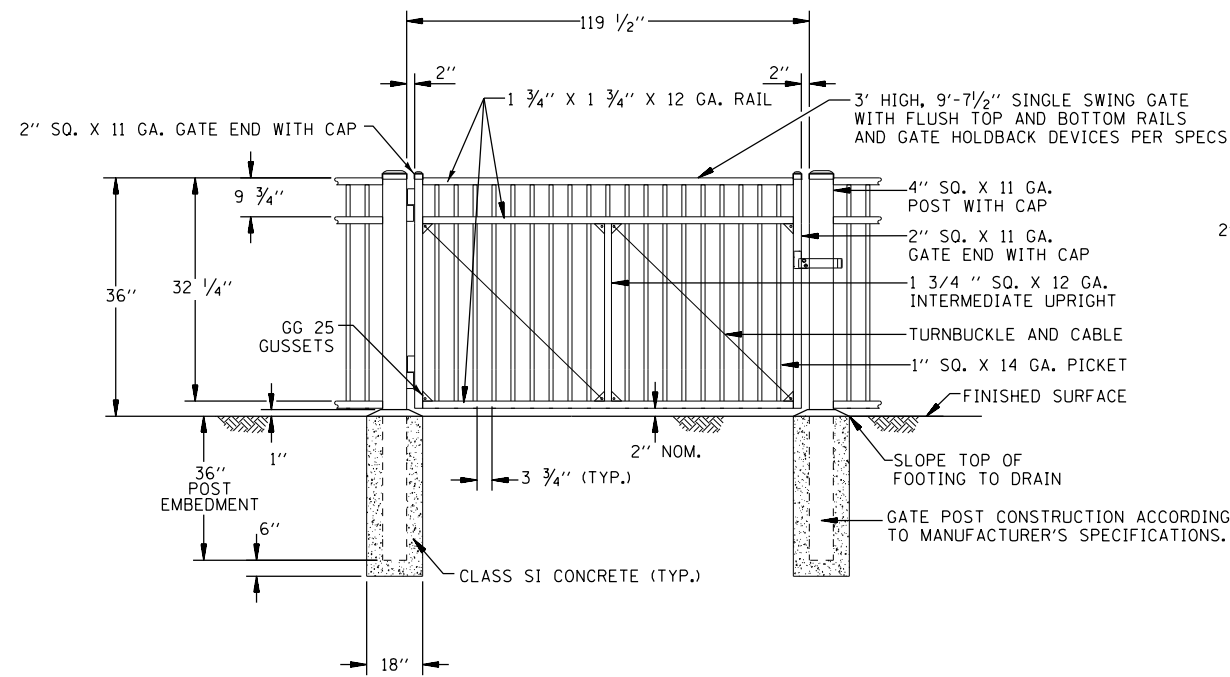
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS FENCING DETAILS

SCALE: NTS SHEET 1 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	20
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				

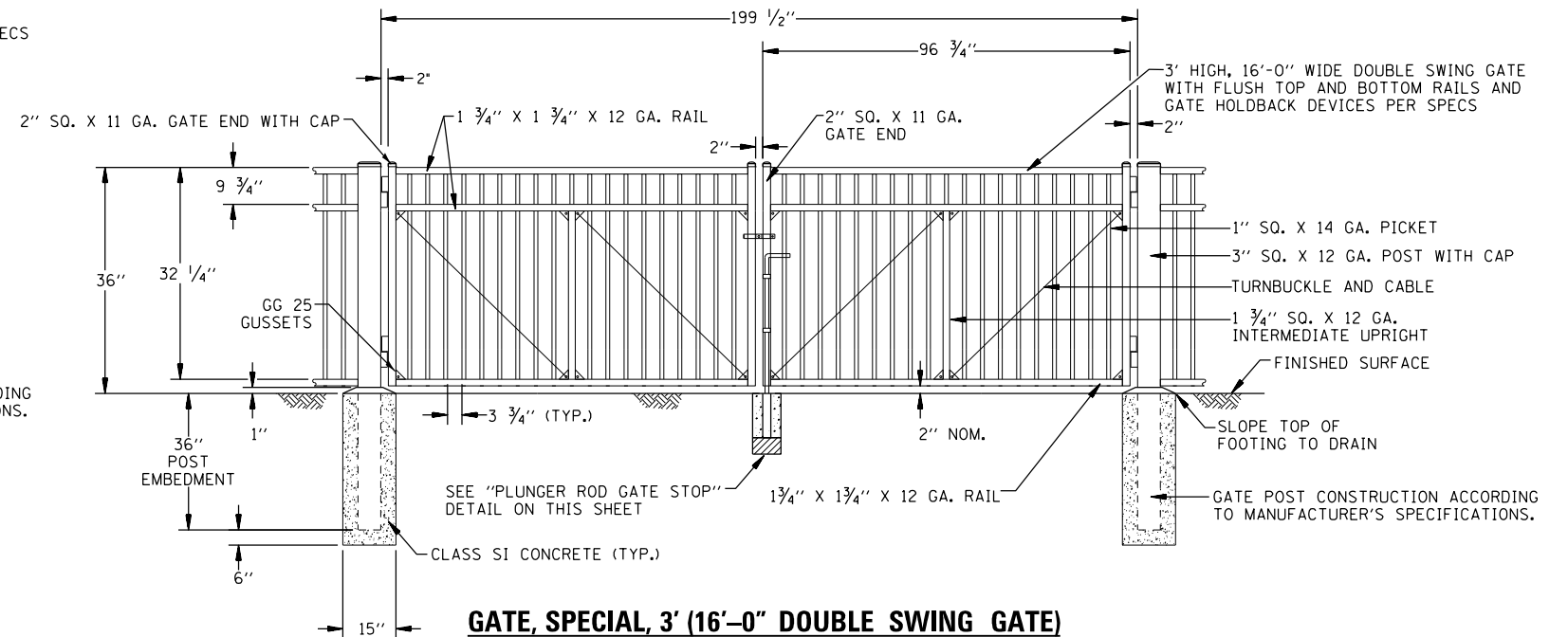
Distrcit 6\_HSR Fencing Misc Detail Sheets\_ID01.dgn 12/7/2016 10:53:35 AM



**GATE, SPECIAL, 3' (9'-7 1/2" SINGLE SWING GATE)**  
NOT TO SCALE

NOTE:

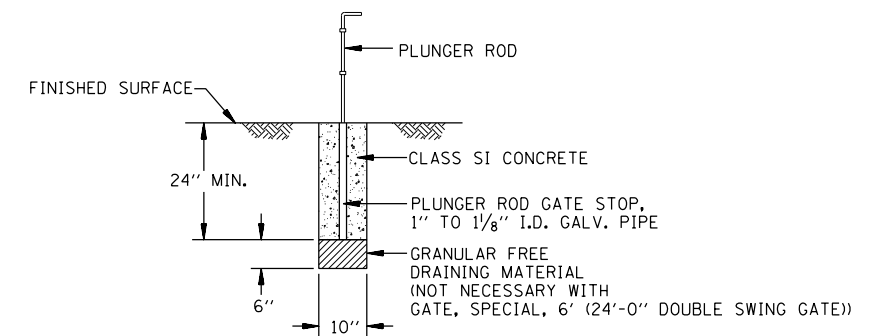
- 1.) RAILROAD WILL FURNISH PAD LOCK.
- 2.) NO DIG GATE HOLDBACK DEVICE (1 EACH PER SWING GATE SECTION) TO BE INSTALLED INSIDE FENCE LIMITS. SPECIFIC LOCATIONS FOR GATE HOLDBACK DEVICE AT GATE LOCATIONS WHICH COULD HAVE AN IMPACT ON THE AMOUNT OF HORIZONTAL CLEARANCE TO TRACK CENTERLINE TO BE PROVIDED BY THE ENGINEER IN THE FIELD TO ENSURE PROPER HORIZONTAL CLEARANCE IS PROVIDED TO TRACK CENTERLINE FROM GATE WHEN IN THE OPEN POSITION. MINIMUM HORIZONTAL DISTANCE FROM TRACK CENTERLINE TO ANY PORTION OF A GATE WHEN IN THE OPEN POSITION IS TEN (10) FOOT.
- 3.) ADJUST GRADES AS REQUIRED TO ENSURE A MAXIMUM GAP OF TWELVE (12) INCHES BENEATH ANY PORTION OF GATE AND TO PROVIDE A FULL UNOBSTRUCTED RANGE OF TRAVEL BETWEEN GATE CLOSED AND OPEN POSITION.



**GATE, SPECIAL, 3' (16'-0" DOUBLE SWING GATE)**  
NOT TO SCALE

NOTE:

- 1.) RAILROAD WILL FURNISH PAD LOCK.
- 2.) NO DIG GATE HOLDBACK DEVICE (1 EACH PER SWING GATE SECTION) TO BE INSTALLED INSIDE FENCE LIMITS. SPECIFIC LOCATIONS FOR GATE HOLDBACK DEVICE AT GATE LOCATIONS WHICH COULD HAVE AN IMPACT ON THE AMOUNT OF HORIZONTAL CLEARANCE TO TRACK CENTERLINE TO BE PROVIDED BY THE ENGINEER IN THE FIELD TO ENSURE PROPER HORIZONTAL CLEARANCE IS PROVIDED TO TRACK CENTERLINE FROM GATE WHEN IN THE OPEN POSITION. MINIMUM HORIZONTAL DISTANCE FROM TRACK CENTERLINE TO ANY PORTION OF A GATE WHEN IN THE OPEN POSITION IS TEN (10) FOOT.
- 3.) ADJUST GRADES AS REQUIRED TO ENSURE A MAXIMUM GAP OF TWELVE (12) INCHES BENEATH ANY PORTION OF GATE AND TO PROVIDE A FULL UNOBSTRUCTED RANGE OF TRAVEL BETWEEN GATE CLOSED AND OPEN POSITION.



**PLUNGER ROD GATE STOP**  
NOT TO SCALE

NOTE:

- 1.) PORTIONS OF GATE DRAWING IMAGES AS PROVIDED BY AMERISTAR.



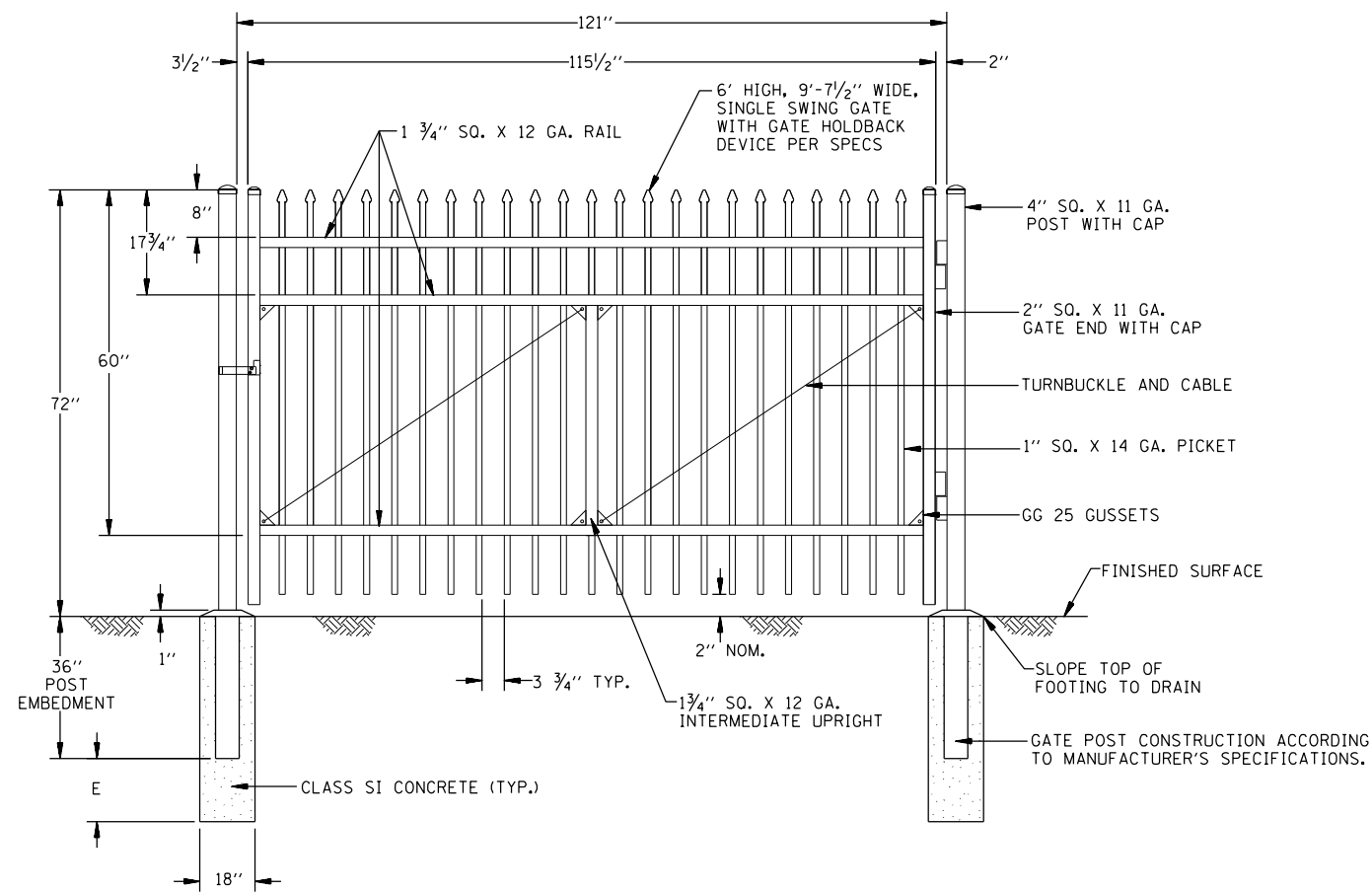
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DRAWN - SRS	REVISED -	
PLOT SCALE = *SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = *DATE*	DATE - 12-08-16	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS FENCING DETAILS

SCALE: NTS SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HSR FENCING SANG. 2017		SANGAMON	32	21
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				



**GATE, SPECIAL, 6' (9'-7 1/2" SINGLE SWING GATE)**

NOT TO SCALE

FOOTING DEPTH BELOW POST (E)		
GATE	WIND EXPOSURE B	WIND EXPOSURE C
GATE, SPECIAL, 6'	24"	36"

**NOTE:**

- 1.) RAILROAD WILL FURNISH PAD LOCK.
- 2.) NO DIG GATE HOLDBACK DEVICE (1 EACH PER SWING GATE SECTION) TO BE INSTALLED INSIDE FENCE LIMITS. SPECIFIC LOCATIONS FOR GATE HOLDBACK DEVICE AT GATE LOCATIONS WHICH COULD HAVE AN IMPACT ON THE AMOUNT OF HORIZONTAL CLEARANCE TO TRACK CENTERLINE TO BE PROVIDED BY THE ENGINEER IN THE FIELD TO ENSURE PROPER HORIZONTAL CLEARANCE IS PROVIDED TO TRACK CENTERLINE FROM GATE WHEN IN THE OPEN POSITION. MINIMUM HORIZONTAL DISTANCE FROM TRACK CENTERLINE TO ANY PORTION OF A GATE WHEN IN THE OPEN POSITION IS TEN (10) FOOT.
- 3.) ADJUST GRADES AS REQUIRED TO ENSURE A MAXIMUM GAP OF TWELVE (12) INCHES BENEATH ANY PORTION OF GATE AND TO PROVIDE A FULL UNOBSTRUCTED RANGE OF TRAVEL BETWEEN GATE CLOSED AND OPEN POSITION.

**NOTE:**

- 1.) PORTIONS OF GATE DRAWING IMAGES AS PROVIDED BY AMERISTAR.



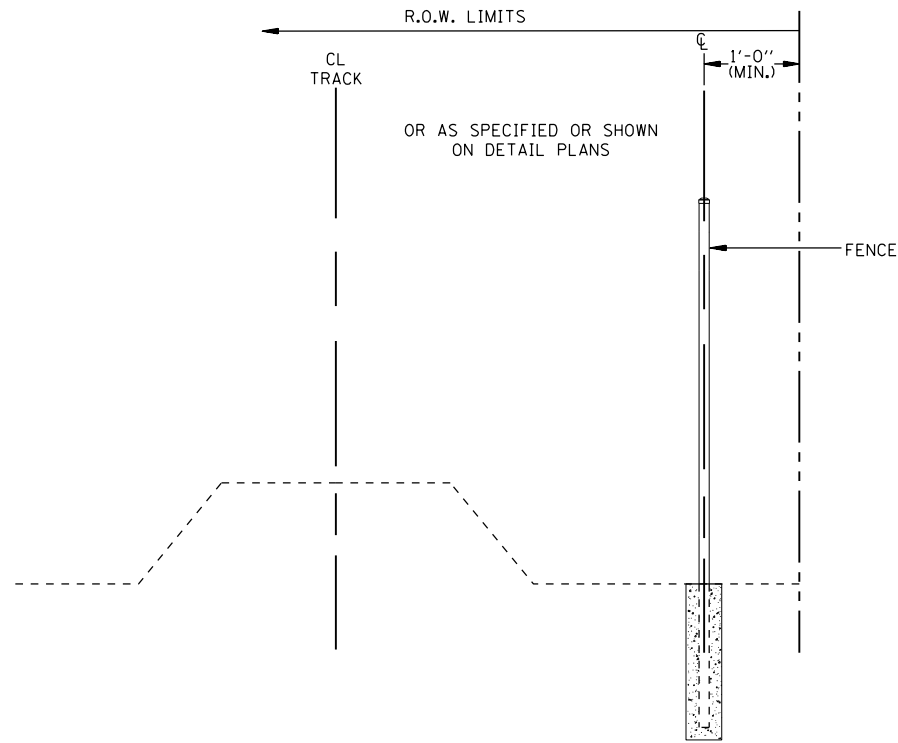
USER NAME = \$USER*	DESIGNED - MCD	REVISED -
	DRAWN - SRS	REVISED -
PLOT SCALE = \$SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = \$DATE*	DATE - 12-08-16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

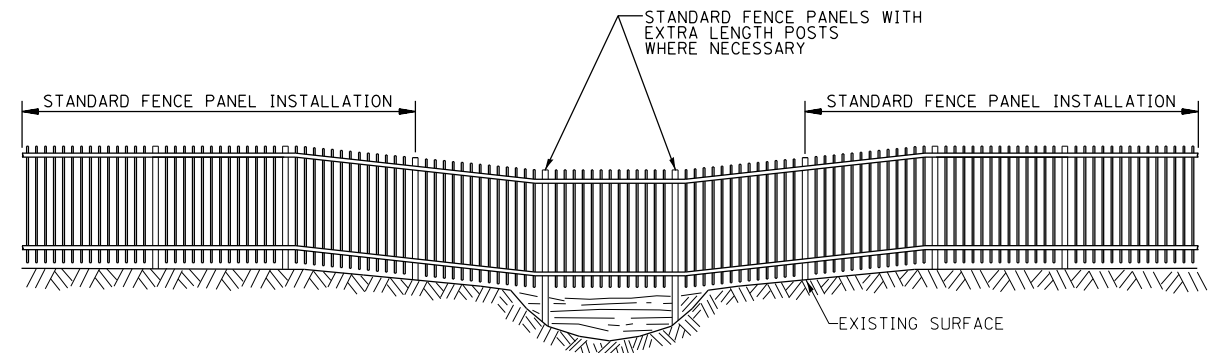
**MISCELLANEOUS FENCING DETAILS**

SCALE: NTS SHEET 3 OF 13 SHEETS STA. TO STA.

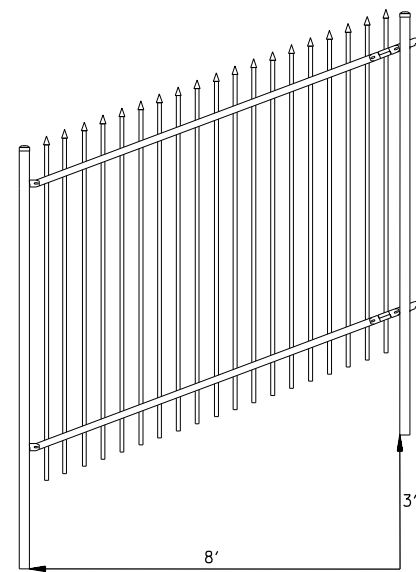
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	22
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				



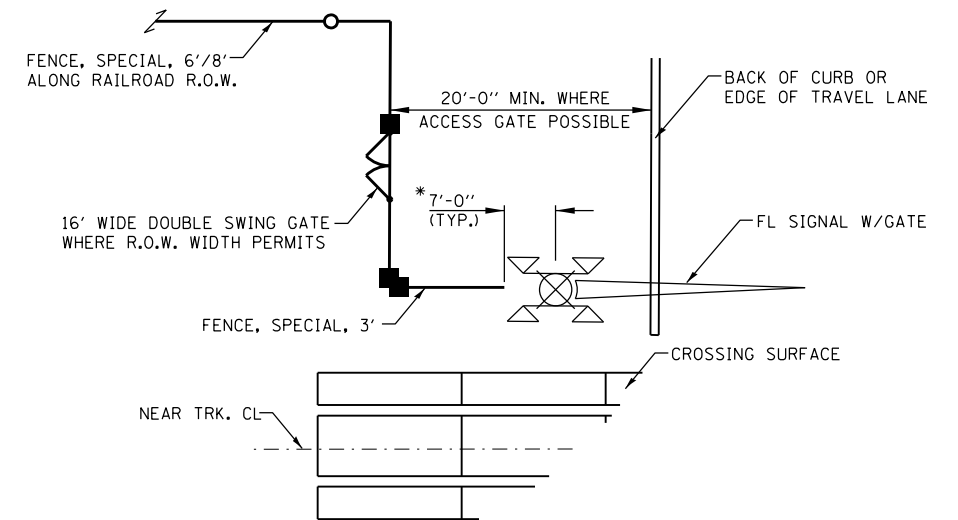
**FENCE LOCATION ALONG R.O.W. LIMITS**  
NOT TO SCALE



**ELEVATION ORNAMENTAL FENCE  
INSTALLATION OVER SWALE / DITCH**  
NOT TO SCALE



**FENCE PANEL FLEXIBILITY**  
NOT TO SCALE



**PLAN VIEW AT FL SIGNAL WITHOUT SIDEWALK**  
NOT TO SCALE

\*7'-0" DISTANCE MUST BE MAINTAINED

NOTE: ADJUSTMENTS TO THE FENCE INSTALLATION MAY BE NECESSARY BASED ON SPECIFIC SITE CONDITIONS, BUT IN NO CASE SHALL ANY SECTION OF FENCE OR A FENCE POST BE INSTALLED CLOSER THAN 2.5 FEET FROM ANY PORTION OF THE RAILROAD GATE COUNTERWEIGHT ASSEMBLY WHEN THE GATE IS IN RAISED OR LOWERED POSITION.

NOTE:  
1.) PORTIONS OF FENCE DRAWING IMAGE AS PROVIDED BY AMERISTAR.



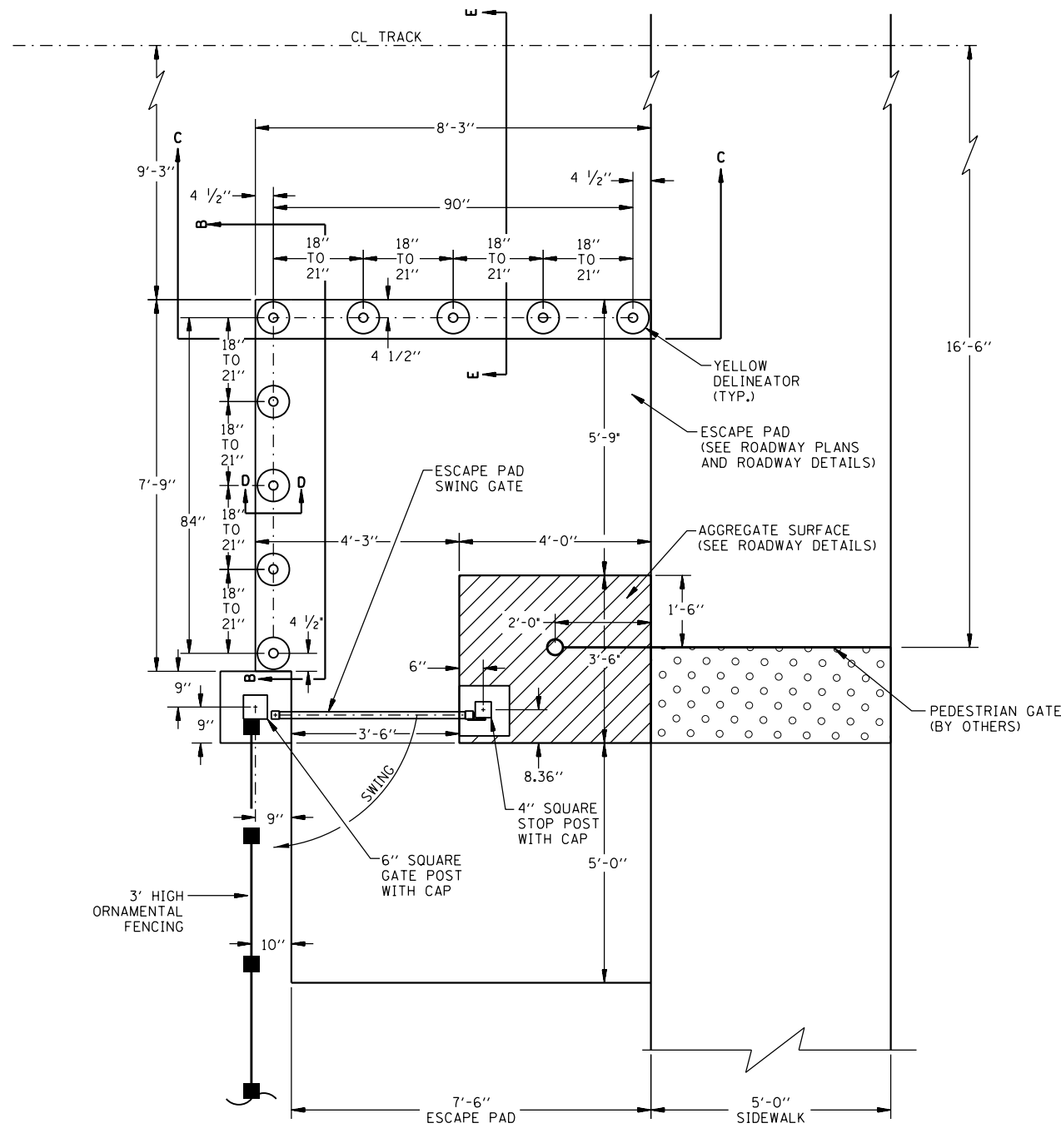
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	DRAWN - SRS	REVISED -
PLOT SCALE = \$SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = \$DATE*	DATE - 12-08-16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS FENCING DETAILS**

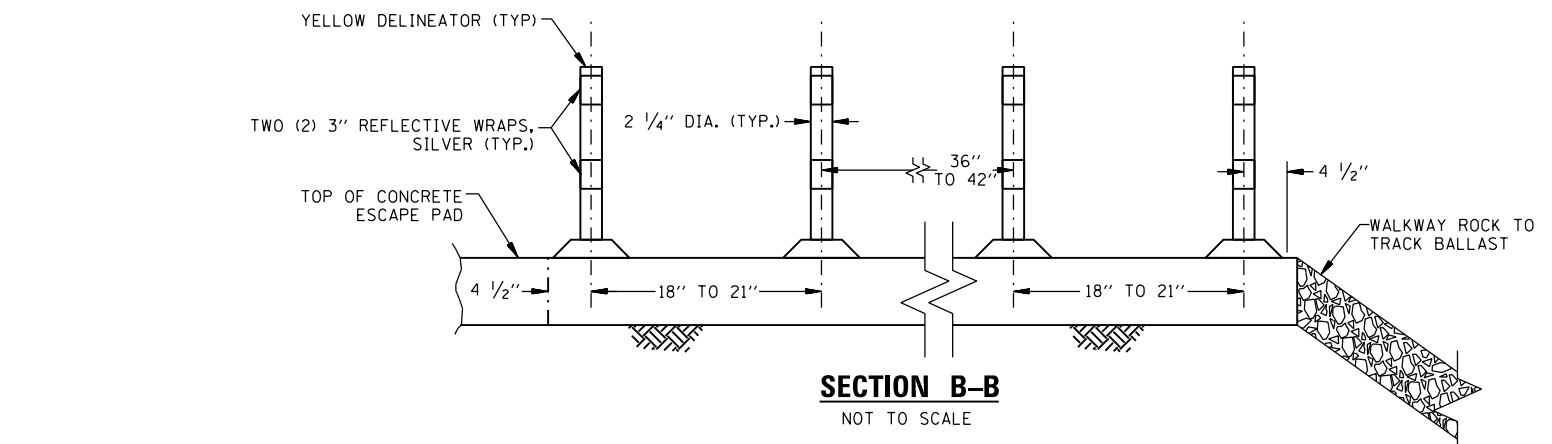
SCALE: NTS SHEET 4 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HSR FENCING SANG. 2017		SANGAMON	32	23
			CONTRACT NO. 72J59	
ILLINOIS FED. AID PROJECT				

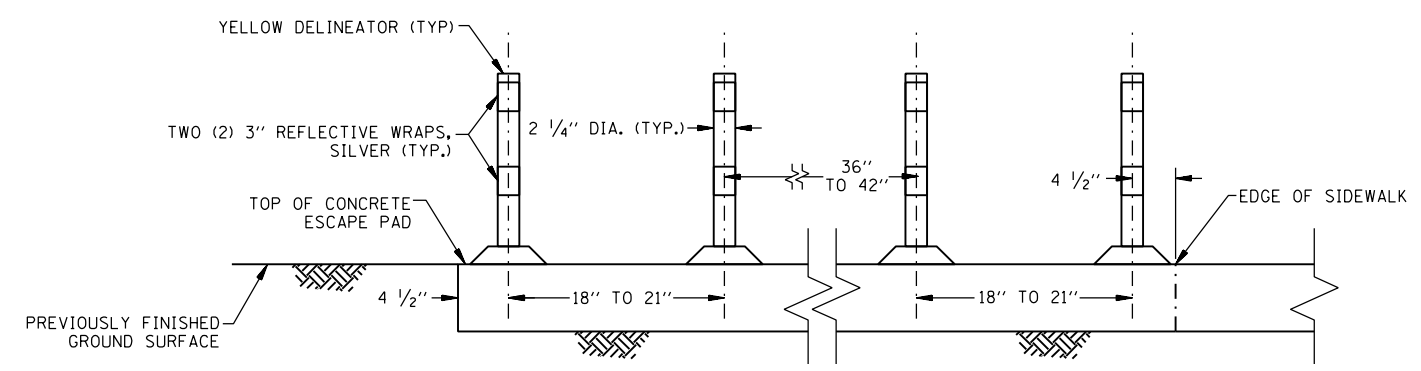


**ESCAPE PAD /90° SKEW**  
NOT TO SCALE

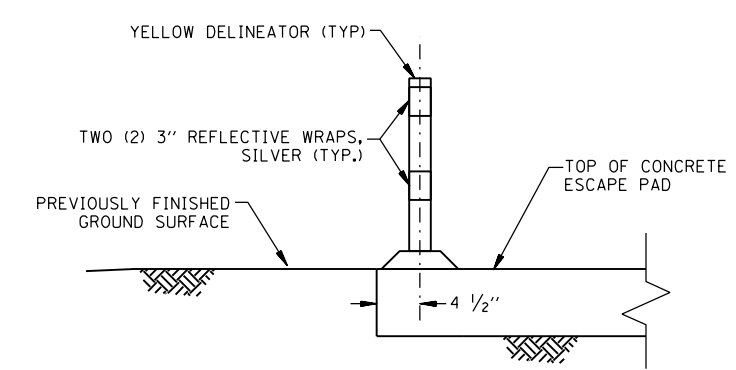
NOTE: AT SKEWED CROSSINGS THE NUMBER OF DELINEATORS REQUIRED WILL VARY. DELINEATORS TO BE EQUALLY SPACED ALONG THE OUTSIDE EDGE OF THE ESCAPE PAD. ENSURE THAT A DELINEATOR IS LOCATED IN THE CORNER OF THE ESCAPE PAD AS SHOWN ABOVE. THE REMAINDER OF DELINEATORS TO BE EQUALLY SPACED BETWEEN THIS CORNER DELINEATOR AND THE BEGINNING AND ENDING DELINEATORS, NOT TO EXCEED TWENTY-ONE (21) INCHES.



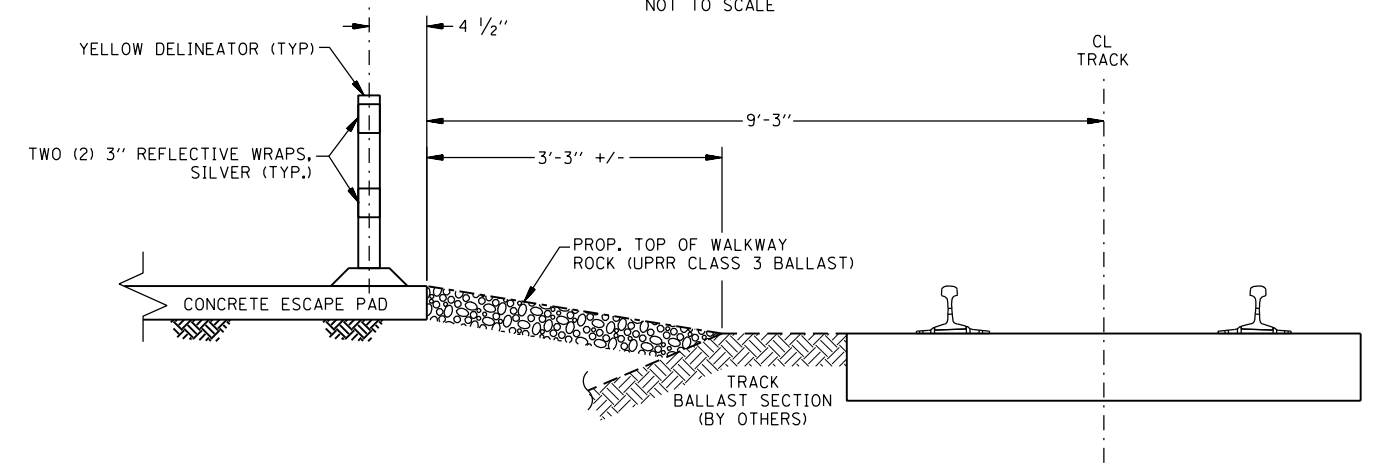
**SECTION B-B**  
NOT TO SCALE



**SECTION C-C**  
NOT TO SCALE



**SECTION D-D**  
NOT TO SCALE



**SECTION E-E**  
NOT TO SCALE



USER NAME = *USER*	DESIGNED - MCD	REVISED -
PLOT SCALE = *SCALE*	DRAWN - SRS	REVISED -
PLOT DATE = *DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

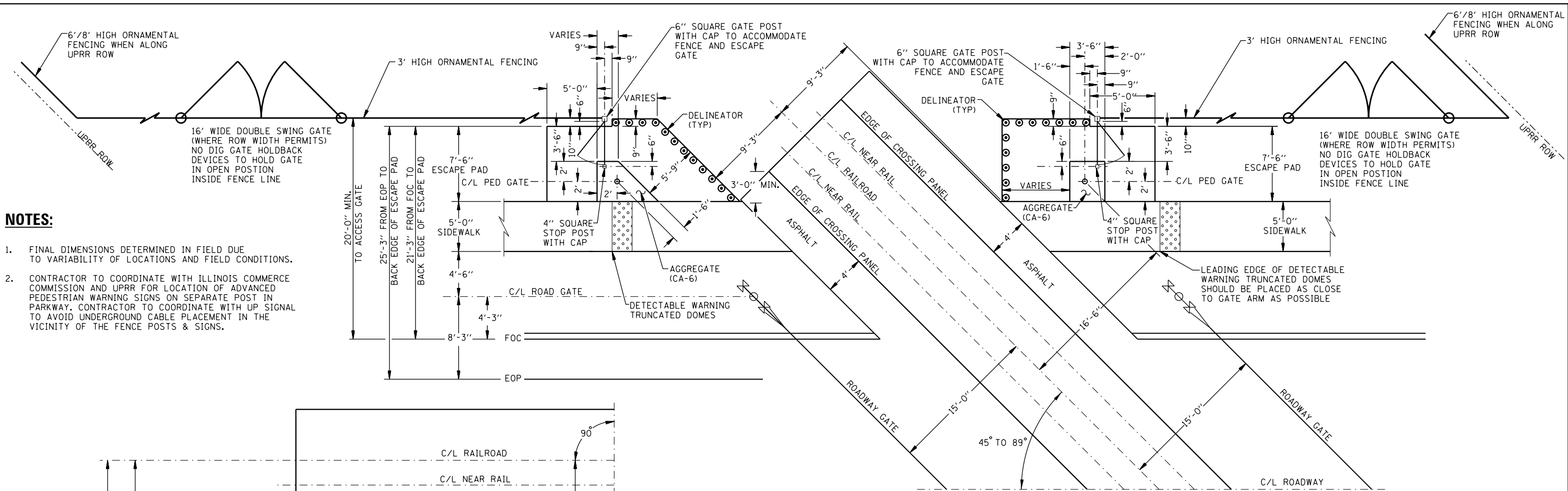
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS FENCING DETAILS

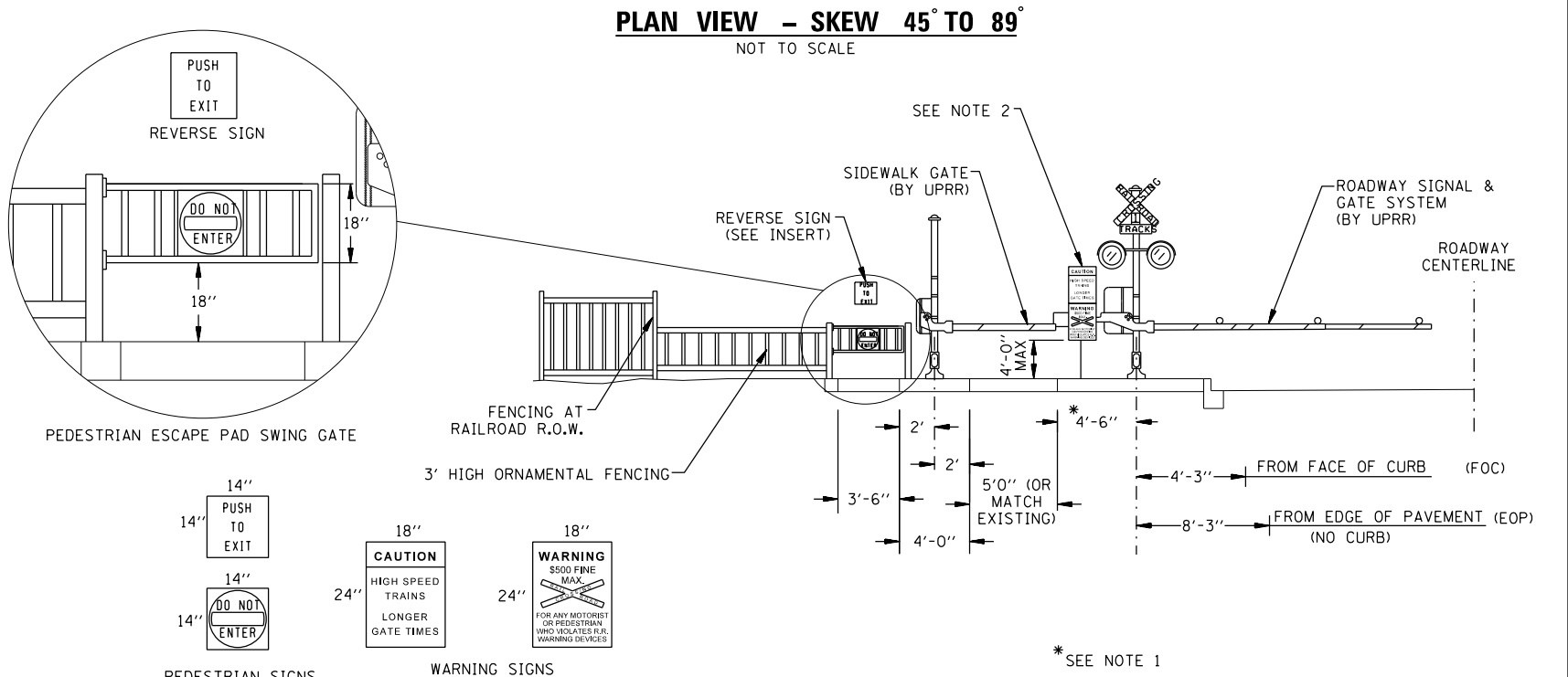
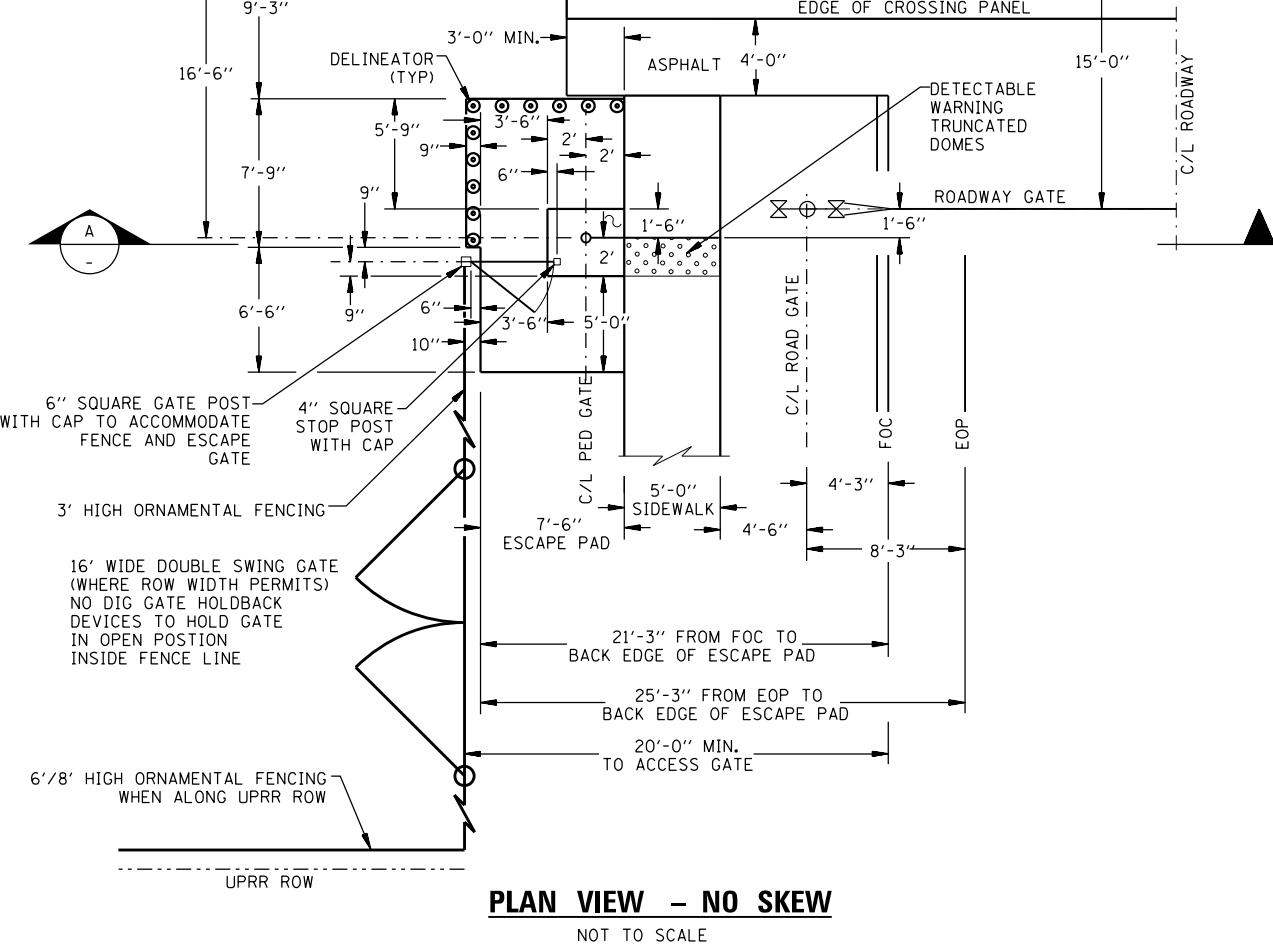
SCALE: NTS SHEET 5 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	24
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				





- NOTES:**
- FINAL DIMENSIONS DETERMINED IN FIELD DUE TO VARIABILITY OF LOCATIONS AND FIELD CONDITIONS.
  - CONTRACTOR TO COORDINATE WITH ILLINOIS COMMERCE COMMISSION AND UPRR FOR LOCATION OF ADVANCED PEDESTRIAN WARNING SIGNS ON SEPARATE POST IN PARKWAY. CONTRACTOR TO COORDINATE WITH UP SIGNAL TO AVOID UNDERGROUND CABLE PLACEMENT IN THE VICINITY OF THE FENCE POSTS & SIGNS.



**SECTION A-A**  
**PEDESTRIAN VIEW AT EXIT GATE - TRAIN APPROACHING**  
 NOT TO SCALE



USER NAME = *USER*	DESIGNED - MCD	REVISED -
DRAWN - SRS	CHECKED - JAC	REVISED -
PLOT SCALE = *SCALE*	DATE - 12-08-16	REVISED -
PLOT DATE = *DATE*		

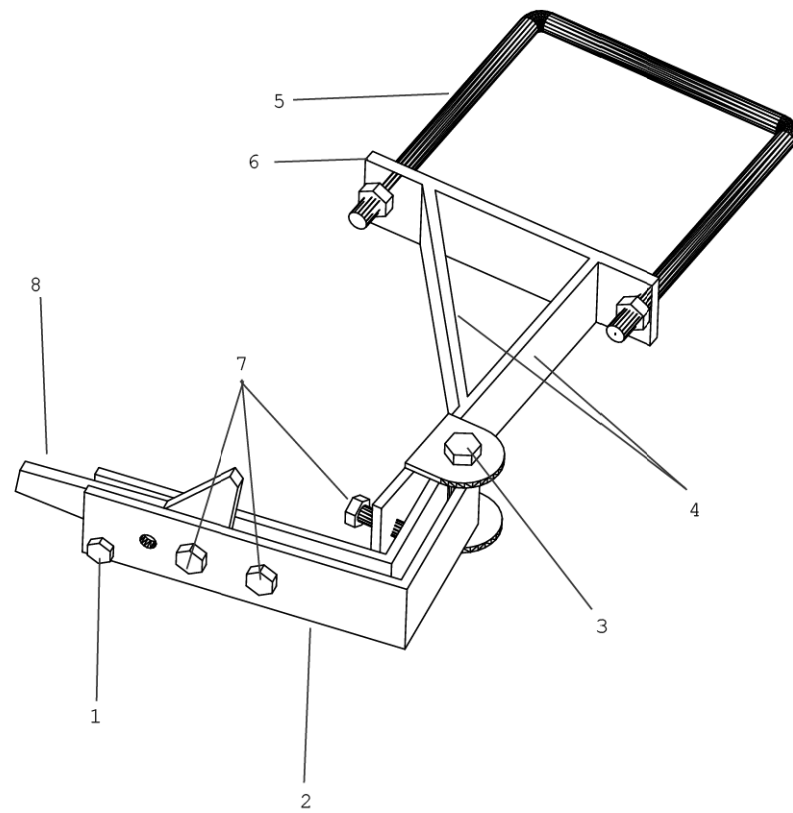
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS FENCING DETAILS

SCALE: NTS SHEET 6 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HSR FENCING SANG. 2017	SANGAMON	ILLINOIS	32	25
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				

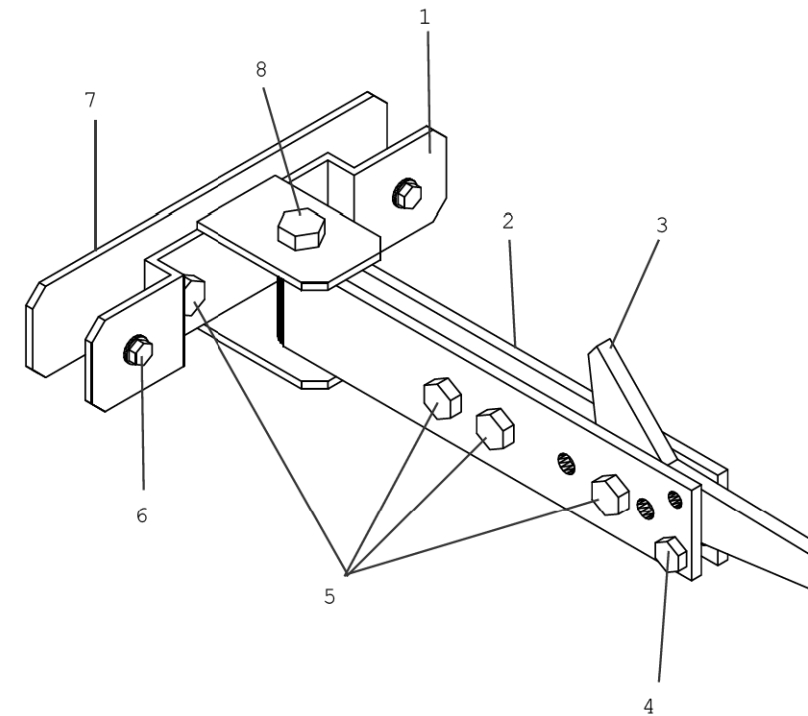
Distrcit 6\_HSR Fencing Misc Detail Sheets\_IDOT.dgn 12/7/2016 10:55:26 AM



1. Bolt-1/4"-20 ASTM A307 zinc plated or galvanized
2. Arm -3/16" ASTM A36 hot rolled steel
3. Bolt - 3/8"-16 ASME B18.2.1 grade 5
4. Mount arm - 3/16 ASTM A36 hot rolled steel
5. U-bolt - 3/8"
6. Mount - 1/4" ASTM A36 hot rolled steel
7. Bolt - 5/16"-18 ASTM A307 zinc plated or galvanized
8. Flapper - 1/4" ASTM A36 hot rolled steel

**NO DIG ORNAMENTAL HOLDBACK  
(AS MANUFACTURED BY CHICAGO SUBURBAN FENCE)**

NOT TO SCALE



1. Mount- 1/8" ASTM A36 hot rolled steel
2. Arm - 3/16" ASTM A36 hot rolled steel
3. Flapper - 1/4" ASTM A36 hot rolled steel
4. Bolt - 1/4"-20 ASTM A307 zinc plated or galvanized
5. Bolt - 5/16"-18 ASTM A307 zinc plated or galvanized
6. Bolt - #10 Self tapping screw
7. Pinch plate - 1/8" ASTM A36 hot rolled steel
8. Bolt - 3/8"-16 ASMA B18.2.1 grade 5 zinc plated or galvanized

**NO DIG 180 DEGREE HOLDBACK  
(AS MANUFACTURED BY CHICAGO SUBURBAN FENCE)**

NOT TO SCALE



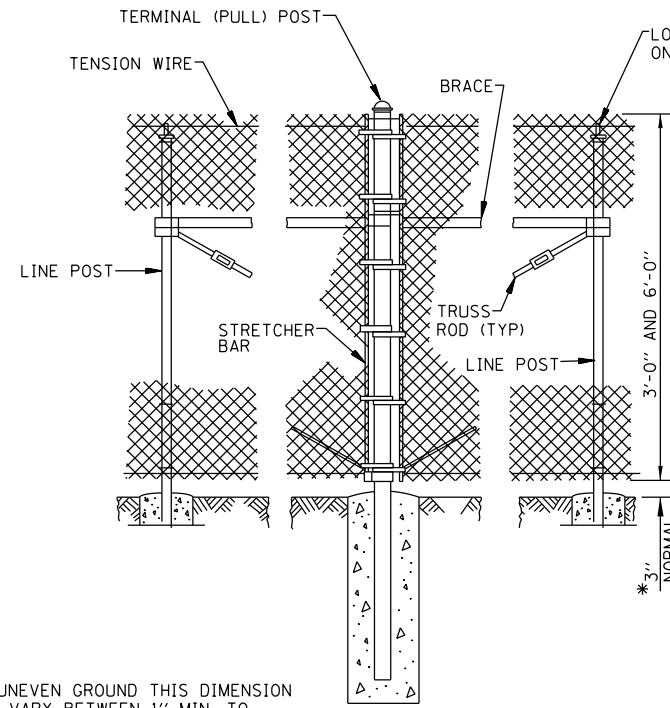
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PLOT SCALE = *SCALE*	DRAWN - SRS	REVISED -
PLOT DATE = *DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

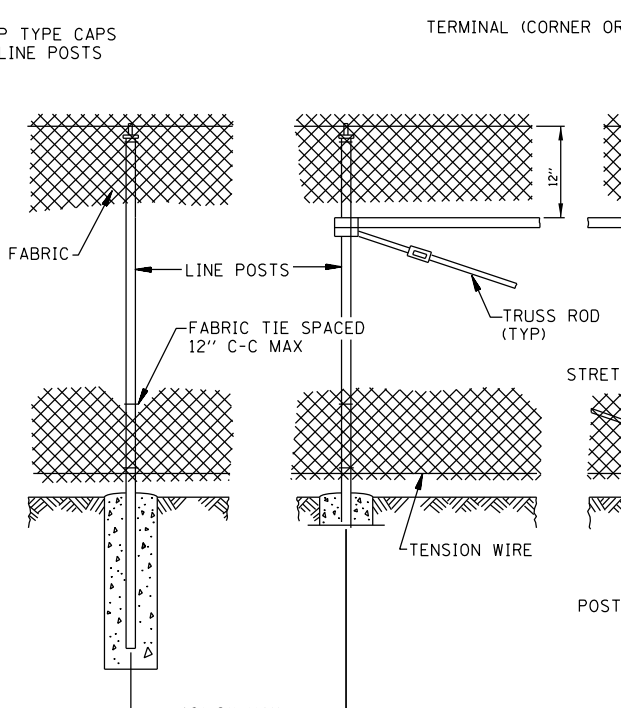
**MISCELLANEOUS FENCING DETAILS**

SCALE: NTS SHEET 7 OF 13 SHEETS STA. TO STA.

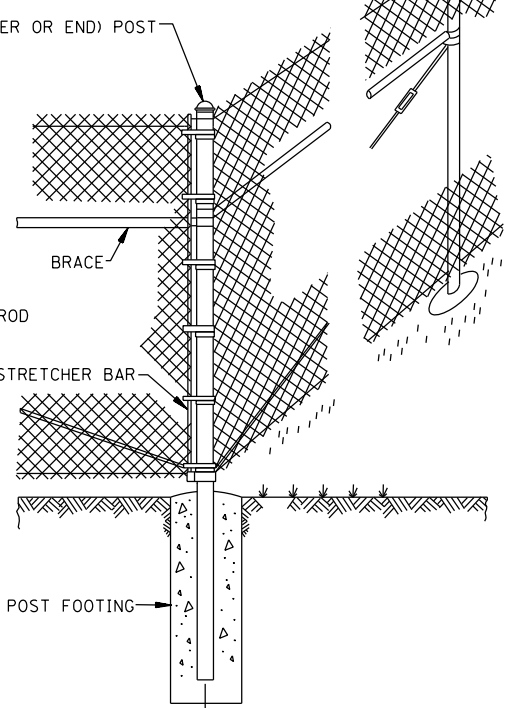
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	26
			CONTRACT NO. 72J59	
ILLINOIS FED. AID PROJECT				



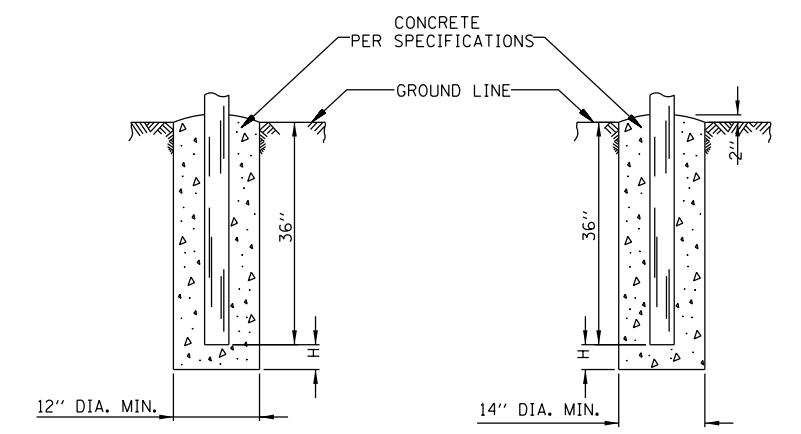
**PULL POST ARRANGEMENT**  
NOT TO SCALE



**LINE POST ARRANGEMENT**  
NOT TO SCALE



**CORNER OR END POST ARRANGEMENT**  
NOT TO SCALE



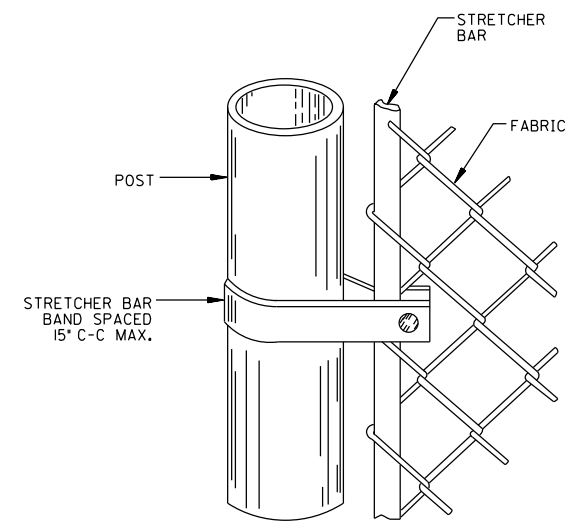
**FOOTING FOR LINE POST**  
NOT TO SCALE

**FOOTING FOR GATE & TERMINAL POST**  
NOT TO SCALE

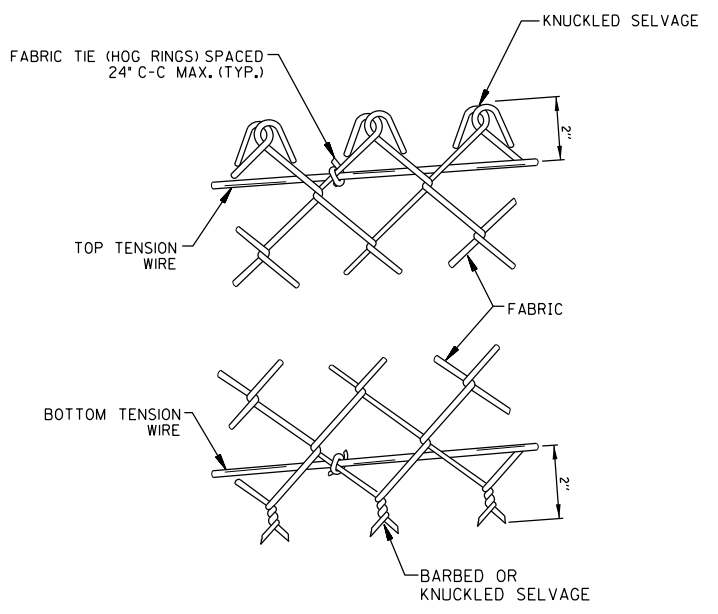
	FOOTING DEPTH BELOW POST (H)	
	WIND EXPOSURE B	WIND EXPOSURE C
CHAIN LINK FENCE, 6'	12"	24"
CHAIN LINK FENCE, 3'	6"	6"

\*ON UNEVEN GROUND THIS DIMENSION MAY VARY BETWEEN 1" MIN. TO 5" MAX. FOR A MAX. DISTANCE OF 8'-0".

**CHAIN LINK FENCE, 3' AND 6'**  
NOT TO SCALE



**METHOD OF FASTENING STRETCHER BAR TO POST**  
NOT TO SCALE



**METHOD OF TYING FABRIC TO TENSION WIRES**  
NOT TO SCALE

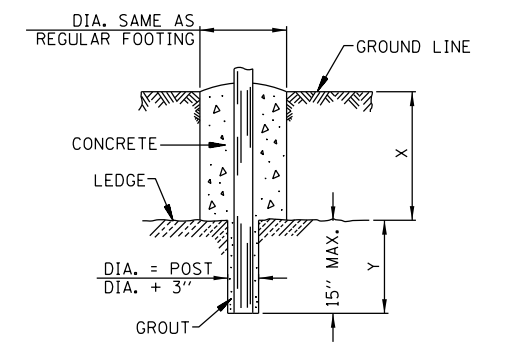
**GENERAL NOTES**

PULL POSTS SHALL BE PLACED AT LOCATIONS DETERMINED BY THE ENGINEER. THEY SHALL BE PLACED AT 660' INTERVALS BETWEEN POSTS TO WHICH THE ENDS OF THE FABRIC ARE CLAMPED OR MIDWAY BETWEEN SUCH POSTS WHEN THE DISTANCE IS LESS THAN 1320' AND GREATER THAN 660'.

X + Y SHALL NOT EXCEED 24", 30", OR 36", AS APPLICABLE. WHEN X IS 0" - 9", 15", OR 21", THEN Y = 15" AND THE POST SHALL BE SHORTENED AS REQUIRED. WHEN X EXCEEDS 9", 15", OR 21", THEN Y SHALL BE DECREASED CORRESPONDINGLY.

POST FOOTING CONCRETE TO BE PER SPECIFICATIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



**FOOTING FOR POST IN ROCK LEDGE**  
NOT TO SCALE



USER NAME = \$USER*	DESIGNED - MCD	REVISED -
PLOT SCALE = \$SCALE*	DRAWN - SRS	REVISED -
PLOT DATE = \$DATE*	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

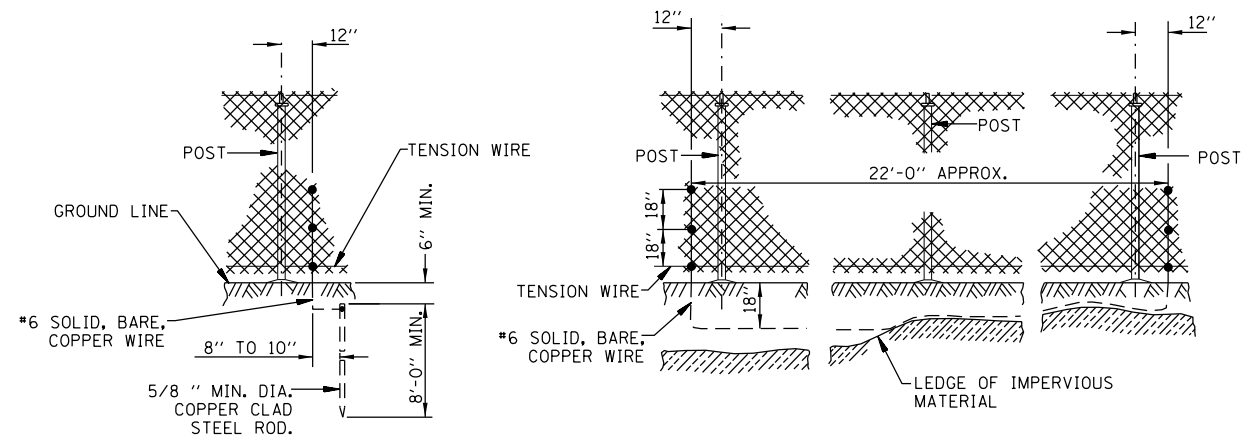
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS FENCING DETAILS

SCALE: NTS SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	27
CONTRACT NO. 72J59				

ILLINOIS FED. AID PROJECT



**STANDARD GROUND**

NOT TO SCALE

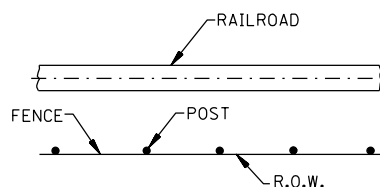
**COUNTERPOISE GROUND**

**(ALTERNATE)**

NOT TO SCALE

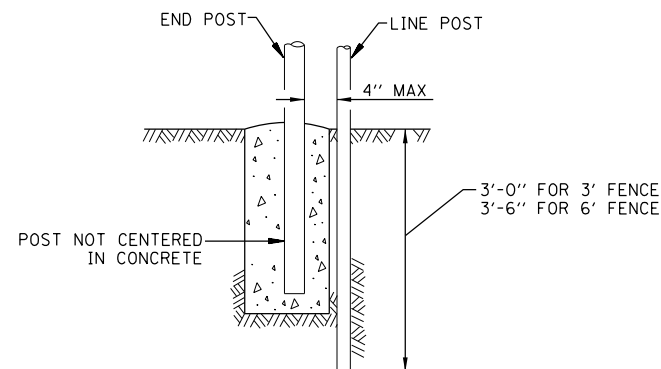
**PROTECTIVE ELECTRICAL GROUNDS**

NOTE: PROTECTIVE ELECTRICAL GROUNDS TYPICAL FOR ORNAMENTAL FENCE.  
NOT TO SCALE



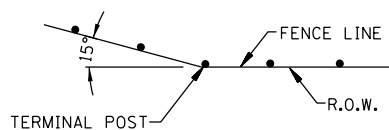
**PLAN**

NOT TO SCALE



**DETAIL A**

NOT TO SCALE



WHEN FENCE LINE HAS A CHANGE IN DIRECTION OF 15° OR MORE,  
A TERMINAL POST SHALL BE PLACED AS SHOWN ABOVE.

WHERE ANGLE IS LESS THAN 15° AND EXISTING CONDITIONS REQUIRE A  
TERMINAL POST, THEY SHALL BE PLACED AS DIRECTED BY THE ENGINEER.

**INSTALLATION AT CORNERS**

NOT TO SCALE



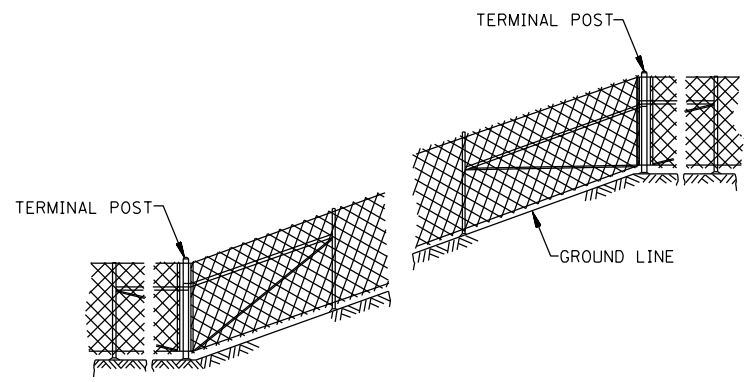
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PLOT SCALE = \$SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = \$DATE*	DATE - 12-08-16	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

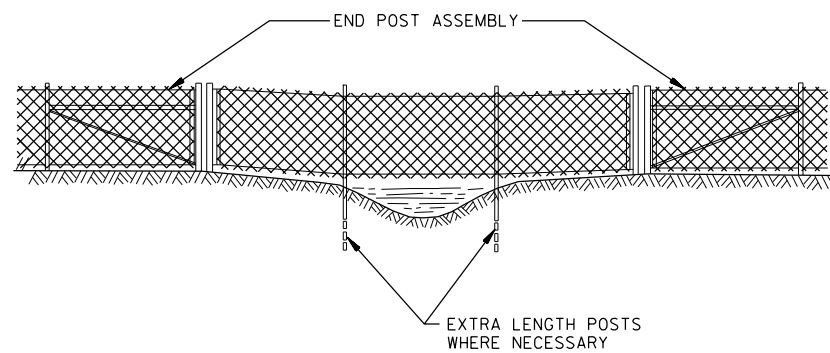
MISCELLANEOUS FENCING DETAILS

SCALE: NTS SHEET 9 OF 13 SHEETS STA. TO STA.

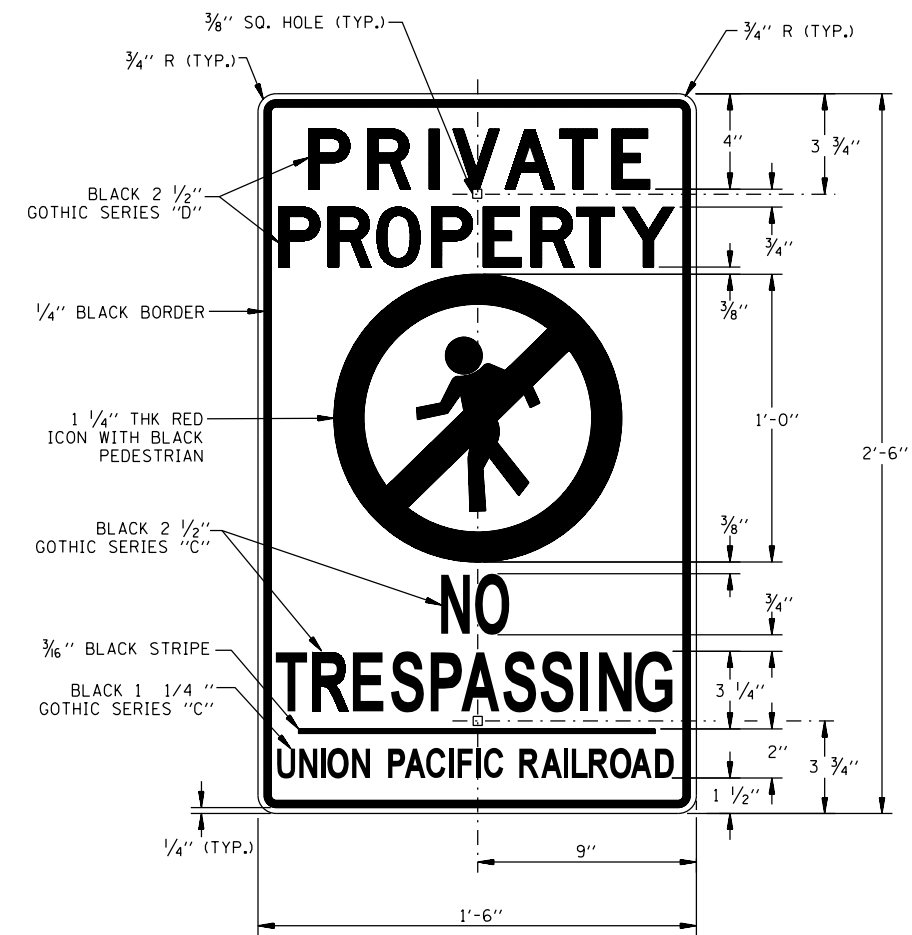
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	28
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				



**INSTALLATION ON SLOPES**  
NOT TO SCALE



**ELEVATION CHAIN LINK FENCE  
INSTALLATION OVER SWALE / DITCH**  
NOT TO SCALE



**UNION PACIFIC NO TRESPASSING SIGN (UP STD. DWG. 0538A)**  
NOT TO SCALE

- NOTES:  
 1.) SIGN TO BE 3290 SILVER 3M ENGINEER GRADE BACKGROUND, ON 0.080" 3105 SHEET ALUMINUM.  
 2.) SIGN TO BE MOUNTED TO TUBULAR SWING GATE WITH TWO (2) TAMPER-PROOF ONE-WAY FASTENERS.



USER NAME = \$USER*	DESIGNED - MCD	REVISED -
	DRAWN - SRS	REVISED -
PLOT SCALE = \$SCALE*	CHECKED - JAC	REVISED -
PLOT DATE = \$DATE*	DATE - 12-08-16	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

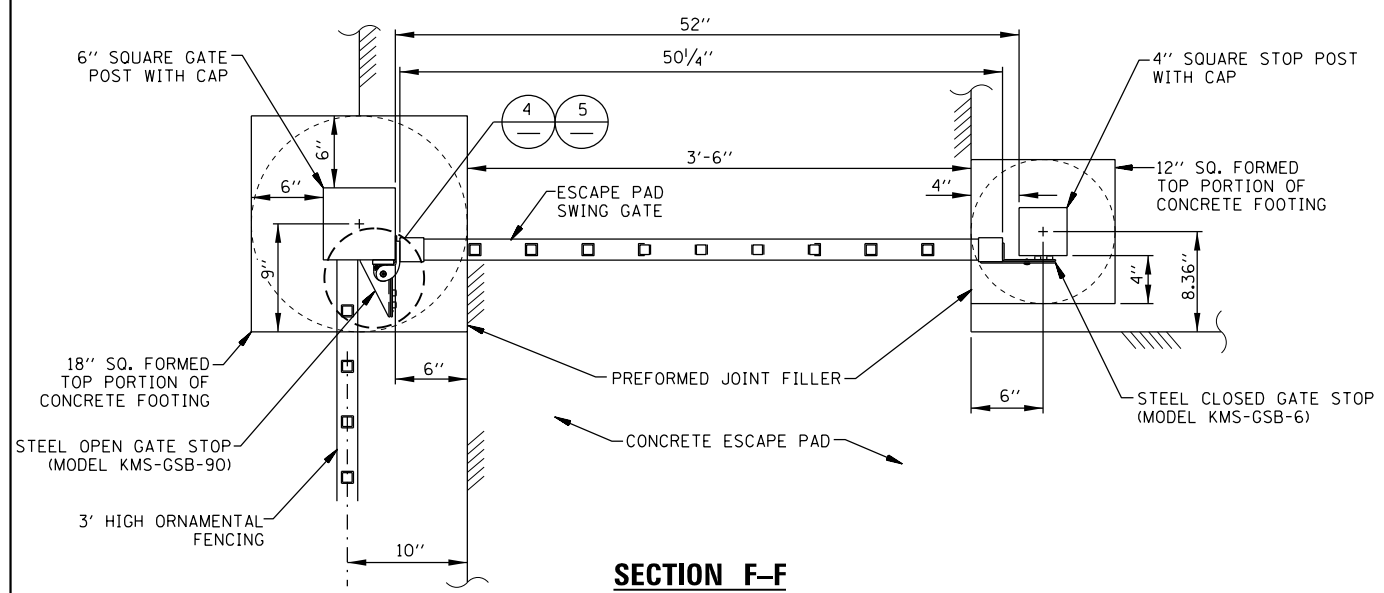
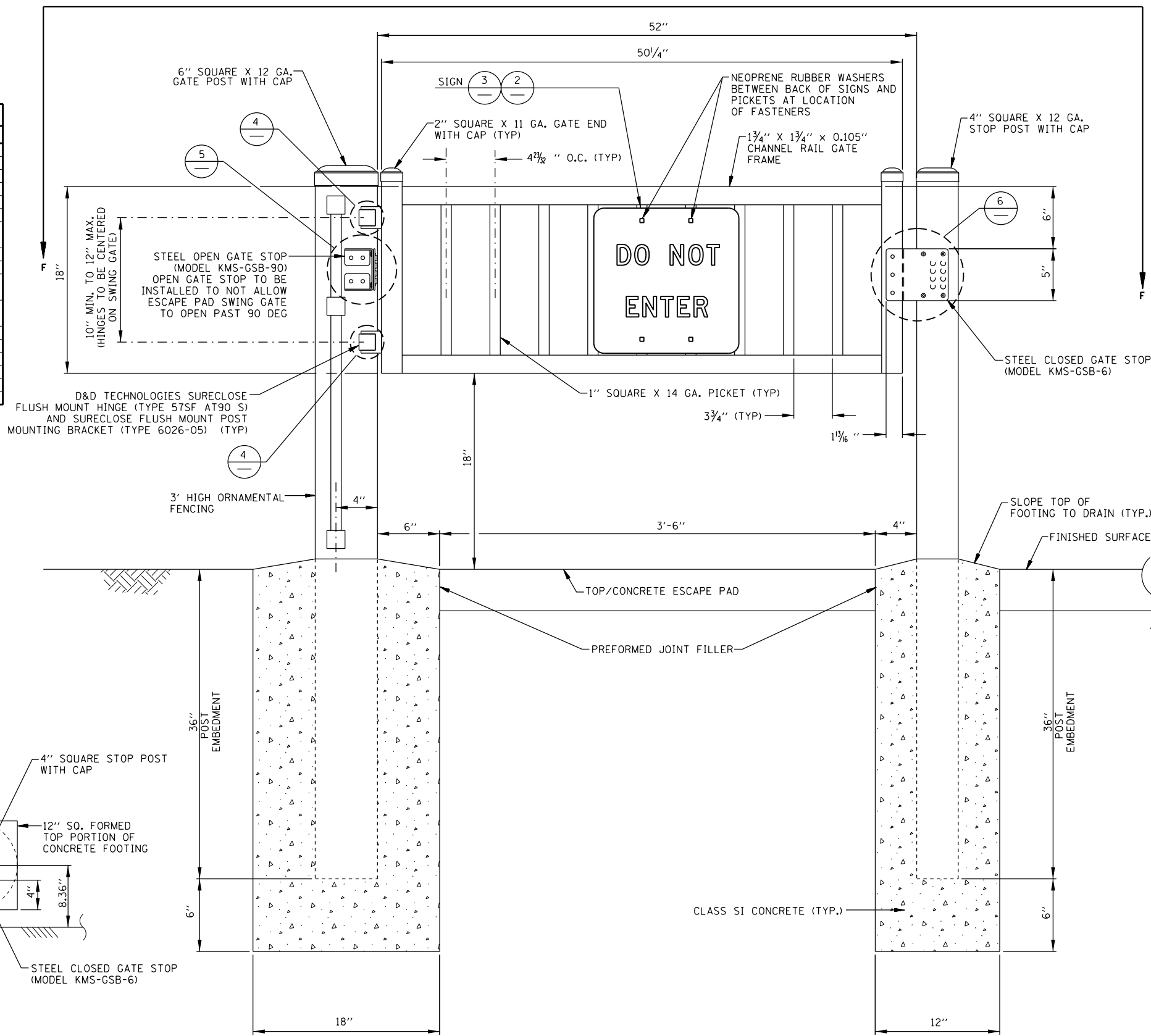
MISCELLANEOUS FENCING DETAILS

SCALE: NTS SHEET 10 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	HSR FENCING SANG. 2017	SANGAMON	32	29
			CONTRACT NO. 72J59	
ILLINOIS FED. AID PROJECT				

ESCAPE PAD SWING GATE BILL OF MATERIAL (REQUIRED FOR EACH ESCAPE GATE)		
QUANTITY	UNIT	DESCRIPTION
1	EACH	6" SQUARE X 12 GA. GATE POST WITH CAP
1	EACH	4" SQUARE X 12 GA. STOP POST WITH CAP
0.5	CU. YARD	CLASS SI CONCRETE
1	EACH	ESCAPE PAD SWING GATE LEAF COMPLETE
2	EACH	D&D TECHNOLOGIES SURECLOSE FLUSH MOUNT HINGE TYPE 57SF AT90 S
2	EACH	D&D TECHNOLOGIES SURECLOSE FLUSH MOUNT POST MOUNTING BRACKET TYPE 6026-05
8	EACH	*14 COUNTERSUNK TAMPER PROOF STAINLESS STEEL SCREWS (TO BE USED WITH SURECLOSE HINGE AND SURECLOSE POST MOUNTING BRACKET)
1	EACH	MODERN FENCE TECHNOLOGIES CLOSED GATE STOP MODEL KMS-GSB-6
1	EACH	MODERN FENCE TECHNOLOGIES OPEN GATE STOP MODEL KMS-GSB-90
6	EACH	5/16" x 1" SUPERTEK ZINC PLATED SELF-TAPPING XYLAN COATED SCREWS (TO BE USED WITH MODERN FENCE TECHNOLOGIES CLOSED GATE STOP)
6	EACH	*14 x 1" SQ. SOC PANCAKE HEAD TEK3 S22 STEEL ZC SELF-TAPPING XYLAN COATED SCREWS (TO BE USED WITH MODERN FENCE TECHNOLOGIES OPEN GATE STOP)
1	EACH	"DO NOT ENTER" SIGN
1	EACH	"PUSH TO EXIT" SIGN
4	EACH	FASTENER (TO BE USED TO ATTACH SIGNS)
8	EACH	NEOPRENE RUBBER WASHER (TO BE USED TO ATTACH SIGNS)
1	EACH	"CAUTION HIGH SPEED TRAINS LONGER GATE TIMES" SIGN
1	EACH	"WARNING \$500 FINE MAX" SIGN (WITH POST)

ITEMS IN ABOVE BILL OF MATERIAL ARE INCLUDED IN THE PAY ITEM GATE, SPECIAL, (ESCAPE PAD SWING GATE). SEE SPECIAL PROVISIONS.



**SECTION F-F**  
NOT TO SCALE

**ESCAPE PAD SWING GATE DETAILS (FIELD SIDE)**  
NOT TO SCALE

NOTE:  
1.) PORTIONS OF GATE DRAWING IMAGE AS PROVIDED BY AMERISTAR.

NOTE: A RIGHT SWING ESCAPE PAD GATE IS DEPICTED HEREIN. A LEFT SWING ESCAPE PAD GATE TO BE THE OPPOSITE OF THAT WHICH IS SHOWN.



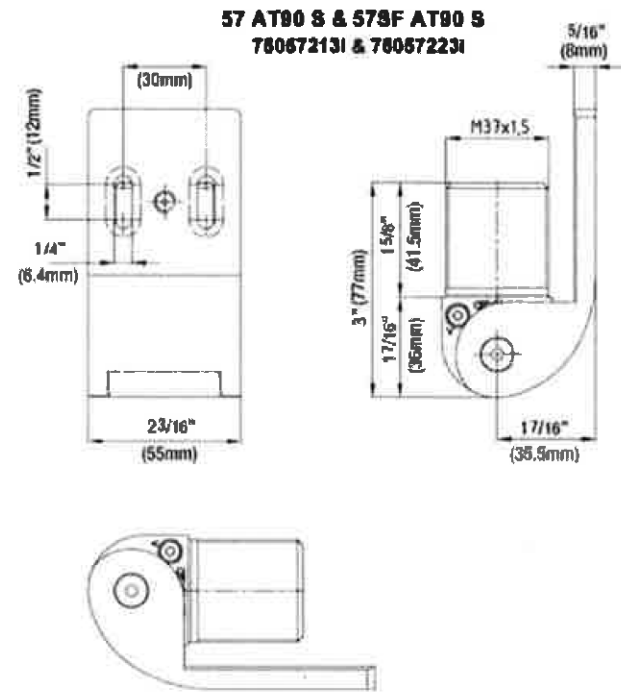
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PLOT SCALE = #SCALE#	DRAWN - SRS	REVISED -
PLOT DATE = #DATE#	CHECKED - JAC	REVISED -
	DATE - 12-08-16	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS FENCING DETAILS**

SCALE: SHEET 11 OF 13 SHEETS STA. TO STA.

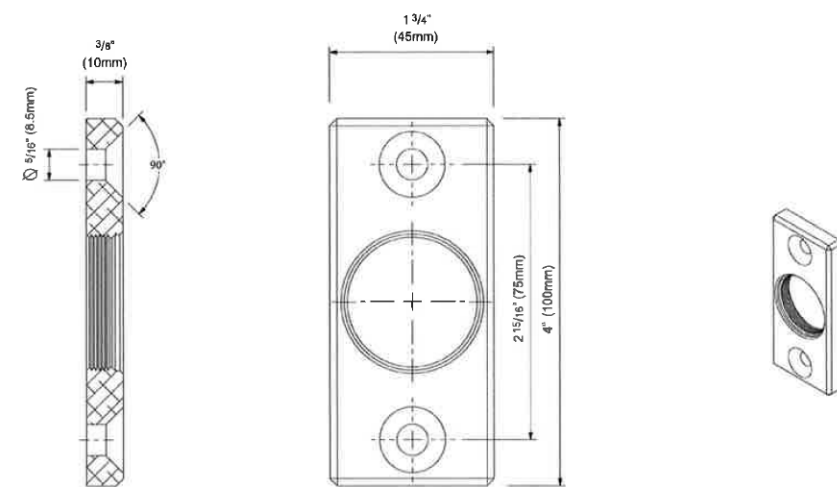
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HSR FENCING SANG. 2017		SANGAMON	32	30
CONTRACT NO. 72J59				
ILLINOIS FED. AID PROJECT				



**SURECLOSE 57 – FLUSH MOUNT HINGE  
(TYPE 57SF AT90 S AS MANUFACTURED  
BY D & D TECHNOLOGIES)**

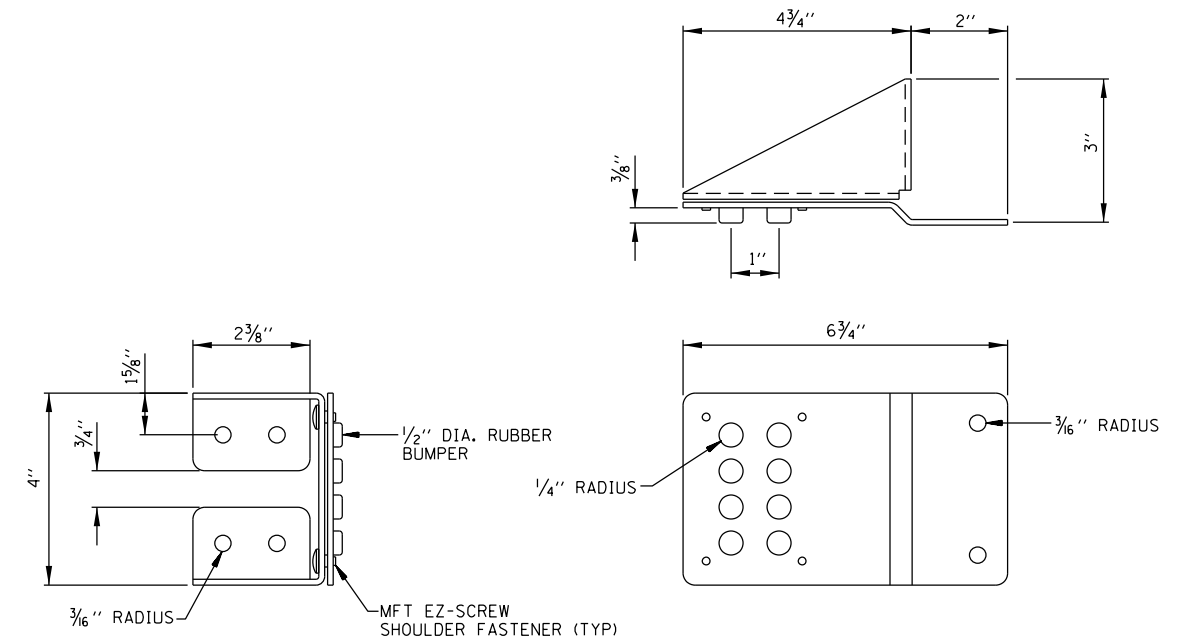
4  
-  
NOT TO SCALE

**7515 - Bracket Type: 6026-05  
Flush Mount**



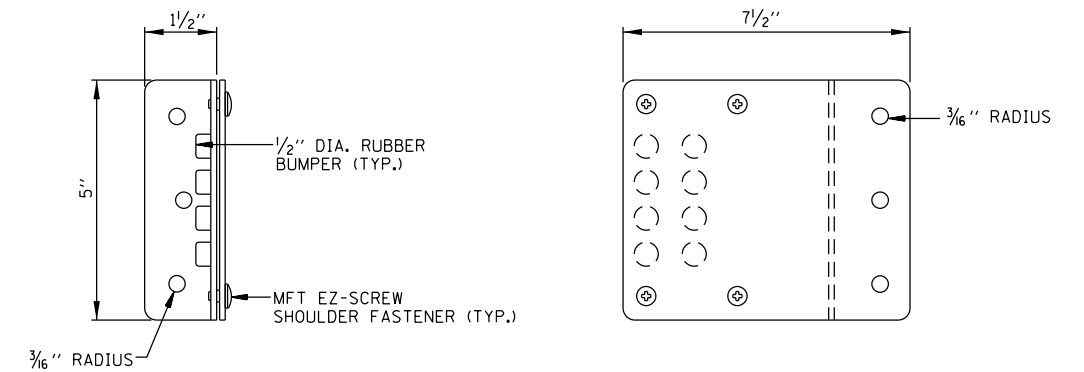
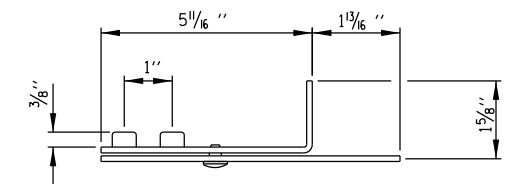
**SURECLOSE POST MOUNTING BRACKET – FLUSH MOUNT  
(TYPE 6026-05 AS MANUFACTURED  
BY D & D TECHNOLOGIES)**

4  
-  
NOT TO SCALE



**STEEL OPEN GATE STOP DETAIL  
(MODEL KMS-GSB-90 AS MANUFACTURED  
BY MODERN FENCE TECHNOLOGIES)**

5  
-  
NOT TO SCALE



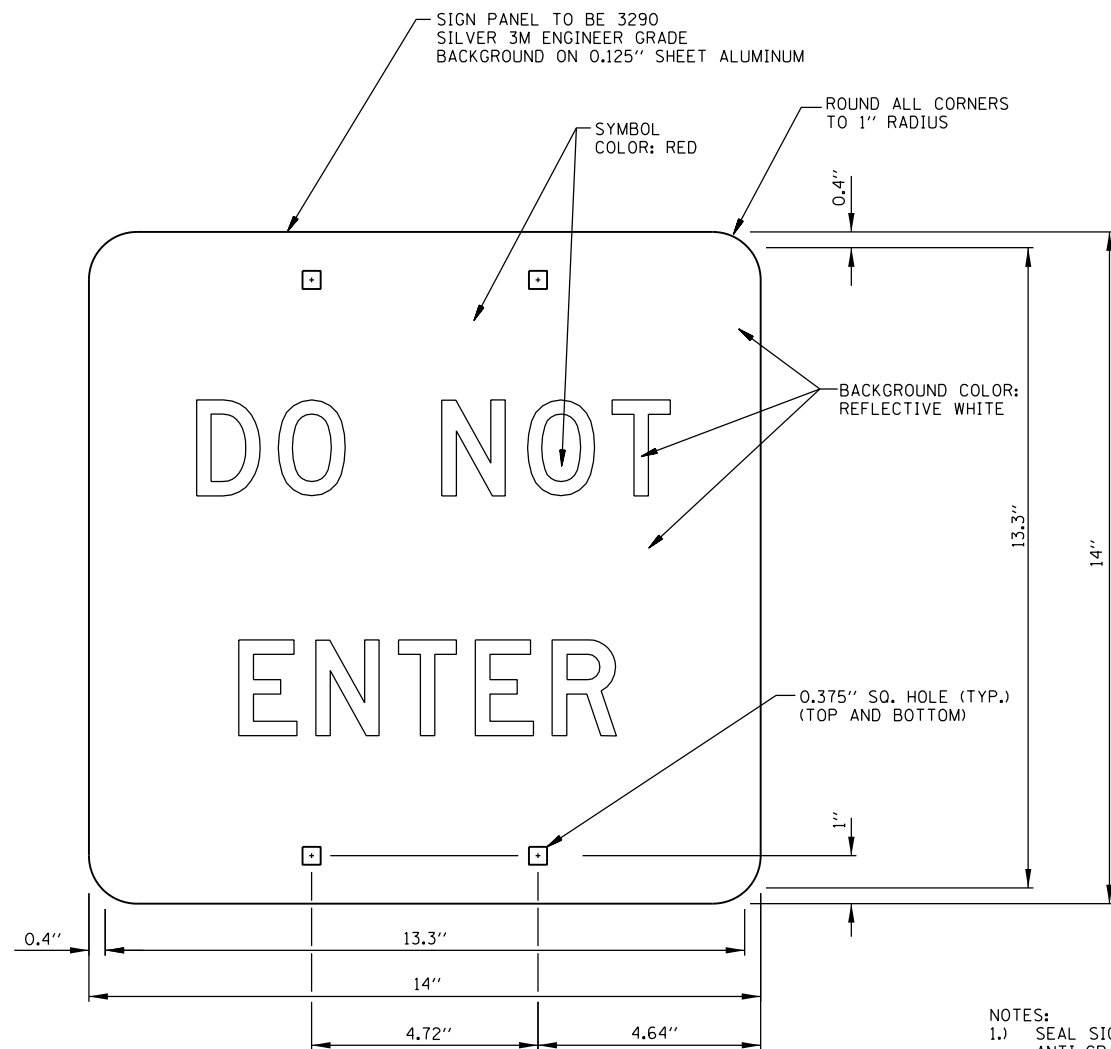
**STEEL CLOSED GATE STOP DETAIL  
(MODEL KMS-GSB-6 AS MANUFACTURED  
BY MODERN FENCE TECHNOLOGIES)**

6  
-  
NOT TO SCALE

NOTE:  
D&D TECHNOLOGIES FLUSH MOUNT SURECLOSE HINGE  
AND SURECLOSE FLUSH MOUNT POST MOUNTING BRACKET  
TO BE INSTALLED PER MANUFACTURES RECOMMENDATIONS.

CLOSED GATE STOP (MODEL KMS-GSB-6) TO BE FULLY  
MOUNTED TO GATE ENDS WITH 5\*16" X 1" SUPER-TEK ZINC  
PLATED SELF-TAPPING SCREWS COATED WITH A XYLAN COATING.

OPEN GATE STOP (MODEL KMS-GSB-90) TO BE FULLY  
MOUNTED TO GATE POST WITH #14 X 1" SO. SOC  
PANCAKE HEAD TEK3 SS2 STEEL ZC SELF-TAPPING SCREWS  
WITH A XYLAN COATING.

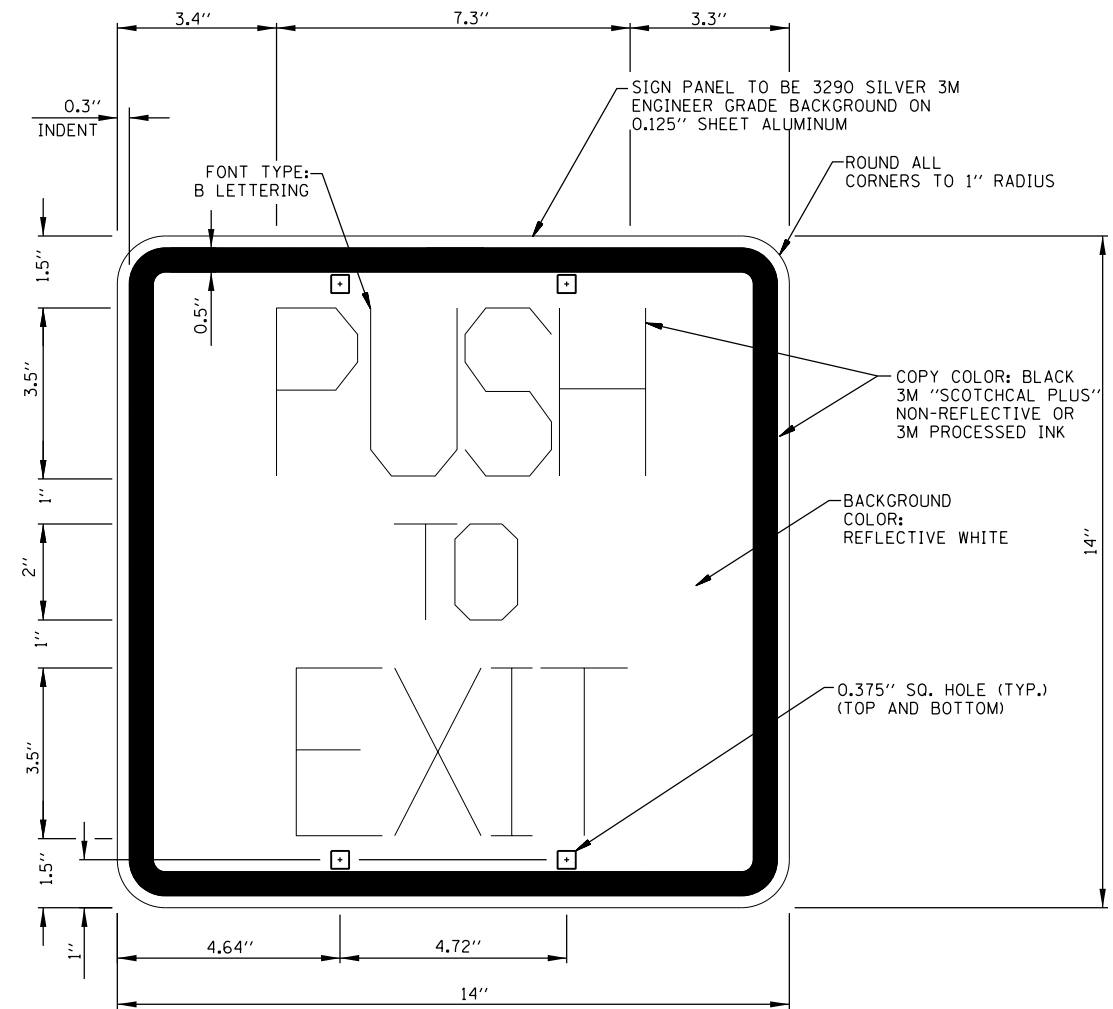


R5-1 STD & MIN;  
1.0" Radius, No border, White;  
Table of distances between letter and object lefts.

0.4	DO NOT ENTER	0.3
-----	--------------	-----

2 ESCAPE PAD SWING GATE SIGN (FIELD SIDE)  
NOT TO SCALE

- NOTES:
- 1.) SEAL SIGNS WITH TRANSPARENT ANTI-GRAFFITI FILM
  - 2.) TWO (2) EACH PICKETS TO BE DRILLED WITH TWO (2) HOLES EACH FOR MOUNTING TAMPER-PROOF FASTENERS. CONTRACTOR TO APPLY ENGINEER APPROVED SURFACE COATING PRODUCT TO DRILLED HOLES.
  - 3.) SIGNS TO BE MOUNTED BACK TO BACK WITH FOUR (4) TAMPER-PROOF STAINLESS STEEL ONE-WAY FASTENERS. ENGINEER APPROVED NEOPRENE WASHERS TO BE PLACED BETWEEN SIGN SURFACES AND PICKETS PRIOR TO INSTALLATION OF FASTENERS.
  - 4.) TYPE ZZ SHEETING IS REQUIRED FOR THE "DO NOT ENTER" SIGN.



1.0" Radius, 0.5" Border, 0.3" Indent, Black on White;  
"PUSH" B 75% spacing;  
"TO" B 75% spacing;  
"EXIT" B 75% spacing;  
Table of distances between letter and object lefts.

P	U	S	H
3.4	1.9	2.0	1.9
1.5	3.3		

T	O
6.0	1.0
1.0	6.0

E	X	I	T
4.1	1.6	2.1	0.9
1.3	4.0		

3 ESCAPE PAD SWING GATE SIGN (TRACK SIDE)  
NOT TO SCALE