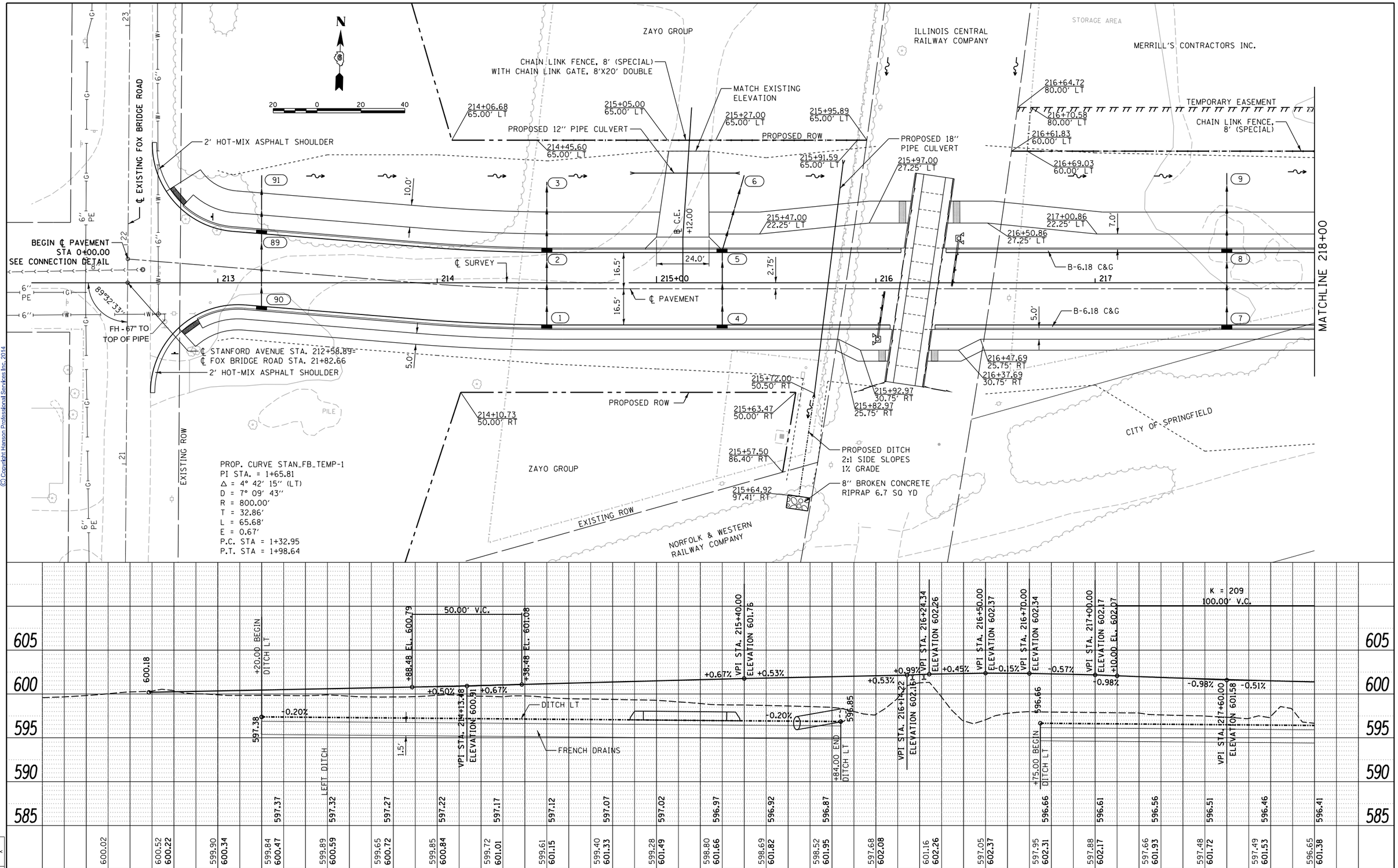

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATNS CHK'D		
NOTE BOOK NO.		

HANSON

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PREFINAL

DESIGNED	JDS	X
DRAWN	JDS	X
REVIEWED	JWM	X

FILE NAME = C_PP_STANFORD_20-1.dgn	USER NAME = shipp01364	DESIGNED - JDS	REVISED -
		DRAWN - JDS	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JWM	REVISED -
PLAN	PLOT DATE = 11/4/2014	DATE -	REVISED -

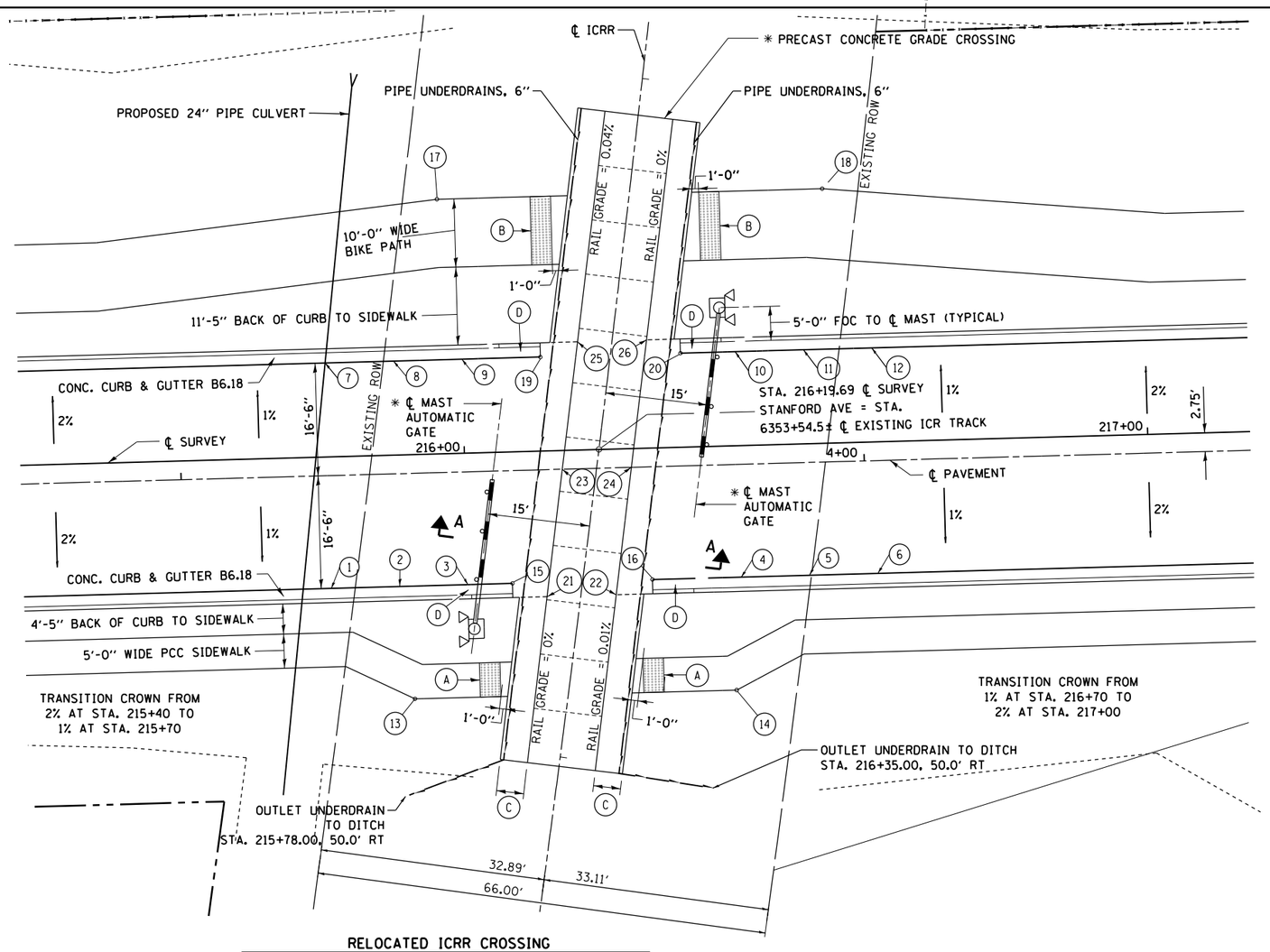
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANFORD AVE EXTENSION FOX BRIDGE TO TAYLOR AVE
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
STANFORD AVENUE PLAN & PROFILE -1

SCALE: 1"=20' | SHEET 1 OF 7 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7997	12-00467-01-PV	SANGAMON	76	26
	07S2010A	CONTRACT NO. 76-229-12		
	ILLINOIS FED. AID PROJECT			

EXHIBIT 4



RELOCATED ICRR CROSSING

EXISTING STOP SIGN CONTROLLED CROSSING AT ICRR STA. 6347+74 WILL BE RELOCATED TO ICRR STA. 6353+54.5±

NOTES:

1. GEOTEXTILE FABRIC SHOULD BE USED BETWEEN THE ROADWAY SURFACE AND THE BALLAST. THE FABRIC SHOULD EXTEND 25' BEYOND THE CROSSING (PARALLEL TO THE RAILS) AND AT LEAST 5' BEYOND ANY RAIL JOINT. (WORK DONE BY CONTRACTOR)
2. THE SURFACE OF THE ROADWAY SHALL BE IN THE SAME PLANE AS THE TOP OF THE RAILS FOR A DISTANCE OF 2.5' FROM EACH RAIL. THE SURFACE OF THE ROAD SHALL SLOPE AWAY FROM THE CROSSING WITH A VERTICAL LAYOUT THAT MEETS DESIGN CRITERIA FOR THE CHARACTER OF THE ROAD. THE ROADWAY SURFACE SHALL NOT DEVIATE MORE THAN 1.0% FROM A PLANE ACROSS THE TOP OF THE RAILS AT A POINT MEASURED 25' PERPENDICULAR TO THE NEAREST RAIL.
3. 10' CONCRETE TIES SHALL BE USED THROUGH THE CROSSING AND BEYOND THE CROSSING A MINIMUM OF 4'. (WORK DONE BY RAILROAD)
4. RAILS THROUGH THE CROSSING SHALL BE LAID TO ELIMINATE JOINTS WITHIN THE CROSSING. THE NEAREST JOINT IS DESIRED TO BE A MINIMUM OF 20' FROM THE CROSSING. LONG RAILS MAY BE USED OR CONTINUOUSLY WELDED RAIL. MINIMUM 136 LB/YD RAIL SHOULD BE USED. (WORK DONE BY RAILROAD)
5. ALL TIES THROUGH THE CROSSING AND 20' BEYOND SHALL BE FULLY E-CLIPPED. INSTALL TIE PADS PER MANUFACTURER'S SPECIFICATIONS. (WORK DONE BY RAILROAD)

N

10 0 10 20

NOTES

(A) DETECTABLE WARNING 3'x5'

(B) DETECTABLE WARNING 3'x10'

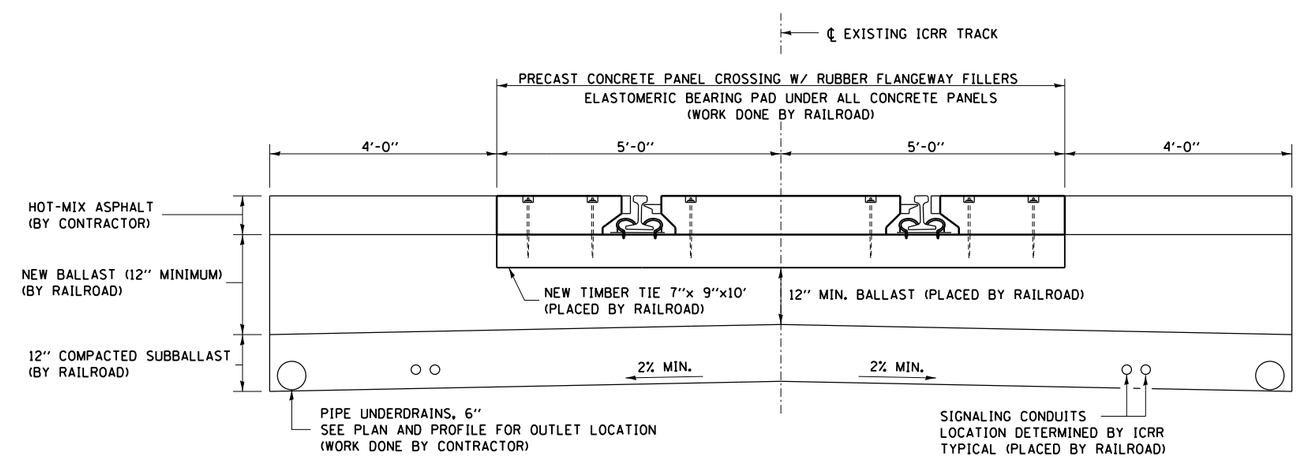
(C) 4' WIDE HOT-MIX ASPHALT
SEE SECTION THIS SHEET & STANDARD 420501

(D) 6' CURB TRANSITION
FROM FULL HEIGHT TO 0" OR 0" TO FULL HEIGHT

* = INSTALLED BY ICRR

STATIONS AND OFFSETS FROM ℄ SURVEY

POINT NO.	STATION	OFFSET	ELEVATION	COMMENT
1	215+80.00	19.25' RT	601.88	
2	215+90.00	19.25' RT	601.97	
3	216+00.00	19.25' RT	602.06	
4	216+40.00	19.25' RT	602.27	
5	216+50.00	19.25' RT	602.28	
6	216+60.00	19.25' RT	602.29	
7	215+80.00	13.75' LT	601.88	
8	215+90.00	13.75' LT	601.95	
9	216+00.00	13.75' LT	602.03	
10	216+40.00	13.75' LT	602.27	
11	216+50.00	13.75' LT	602.28	
12	216+60.00	13.75' LT	602.29	
13	215+91.79	35.75' RT	602.66	
14	216+38.87	35.75' RT	602.88	
15	216+06.50	19.25' RT	602.09	END B6.18 C&G
16	216+27.00	19.25' RT	602.21	BEGIN B6.18 C&G
17	215+97.00	37.25' LT	602.79	
18	216+53.39	37.25' LT	603.07	
19	216+11.50	13.75' LT	602.14	END B6.18 C&G
20	216+32.00	13.75' LT	602.23	BEGIN B6.18 C&G
21	216+11.52	21.33' RT	602.16	EDGE OF CONCRETE PANEL
22	216+21.63	21.33' RT	602.25	EDGE OF CONCRETE PANEL
23	216+14.22	2.75' RT	602.16	EDGE OF CONCRETE PANEL
24	216+24.34	2.75' RT	602.26	EDGE OF CONCRETE PANEL
25	216+16.99	15.83' LT	602.19	EDGE OF CONCRETE PANEL
26	216+27.10	15.83' LT	602.26	EDGE OF CONCRETE PANEL



SECTION A-A - RELOCATED ICRR CROSSING

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PREFINAL

DESIGNED	JDS	X
DRAWN	JDS	X
REVIEWED	JWM	X

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		DRAWN - SKM	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JWM	REVISED -
PLAN1	PLOT DATE = 11/4/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANFORD AVE EXTENSION FOX BRIDGE TO TAYLOR AVE
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ICRR CROSSING DETAILS

SCALE: NA | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7997	12-00467-01-PV	SANGAMON	76	41
	07S2010A	CONTRACT NO. 76-229-12		
		ILLINOIS FED. AID PROJECT		

EXHIBIT 5