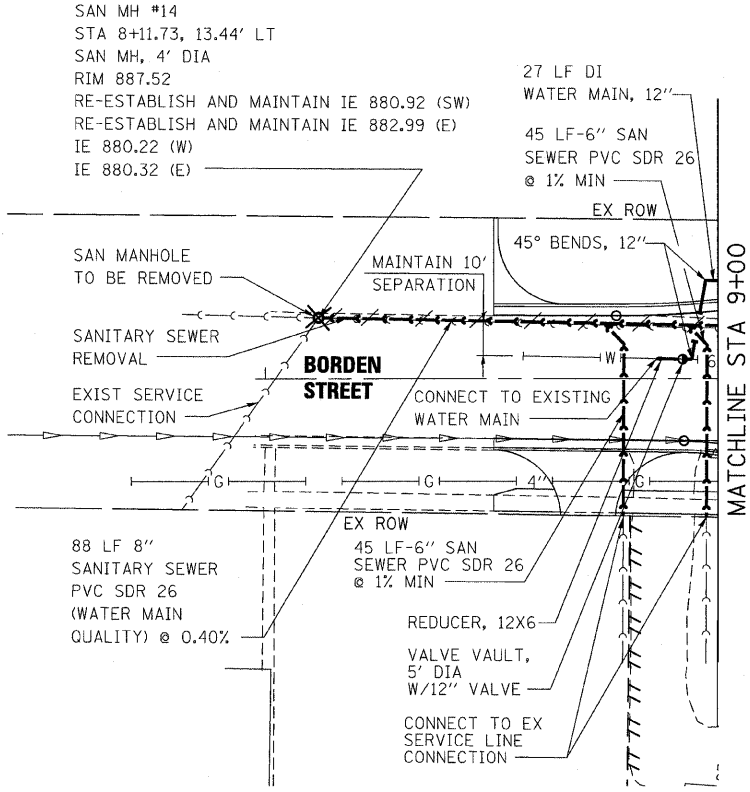


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	201
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				

PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
ALIGNED		
CHECKED		
NO.		

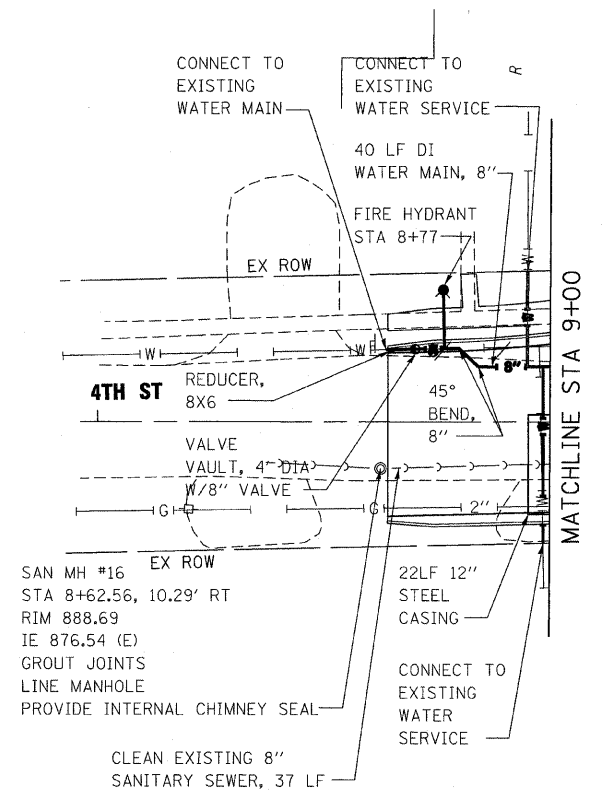
PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
NO.		

PLOT DATE = Wednesday, October 14, 2009
 FILE NAME = S:\11-CADD\11-wm-sh12.dgn
 PLOT SCALE = 200
 USER NAME = j379



FOR CONTINUATION
SEE SHEET 8 OF 24

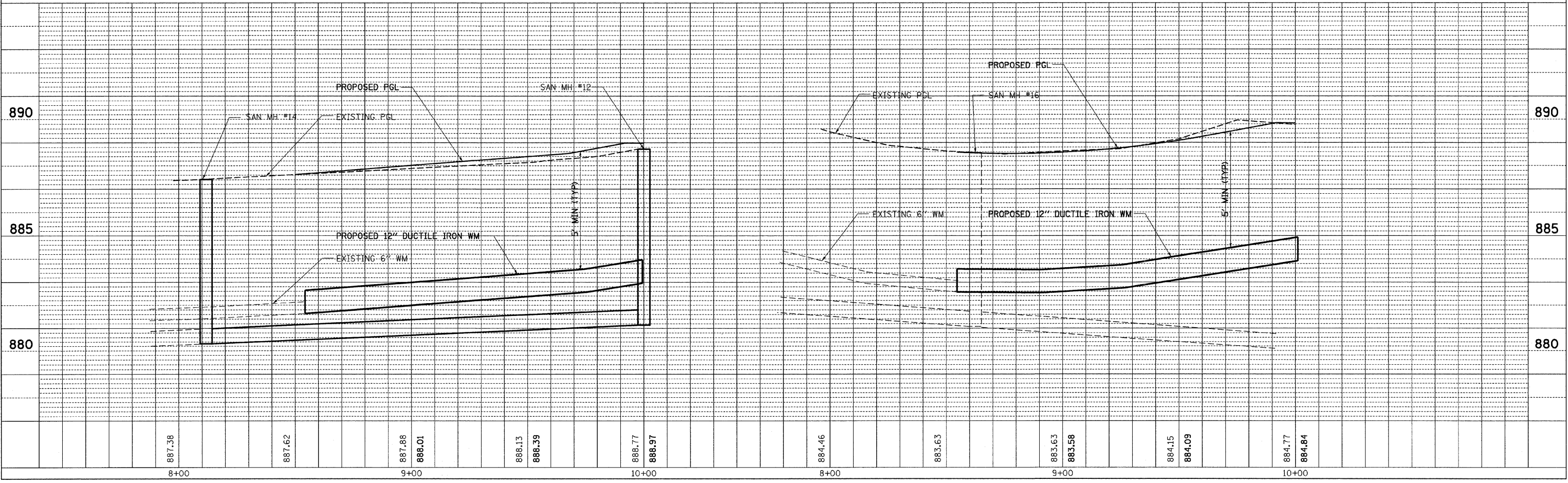
BORDEN STREET



FOR CONTINUATION
SEE SHEET 9 OF 24

4TH STREET

NOTE:
1. REFER TO DRAINAGE AND UTILITIES PLAN SHEETS FOR ADDITIONAL INFORMATION.



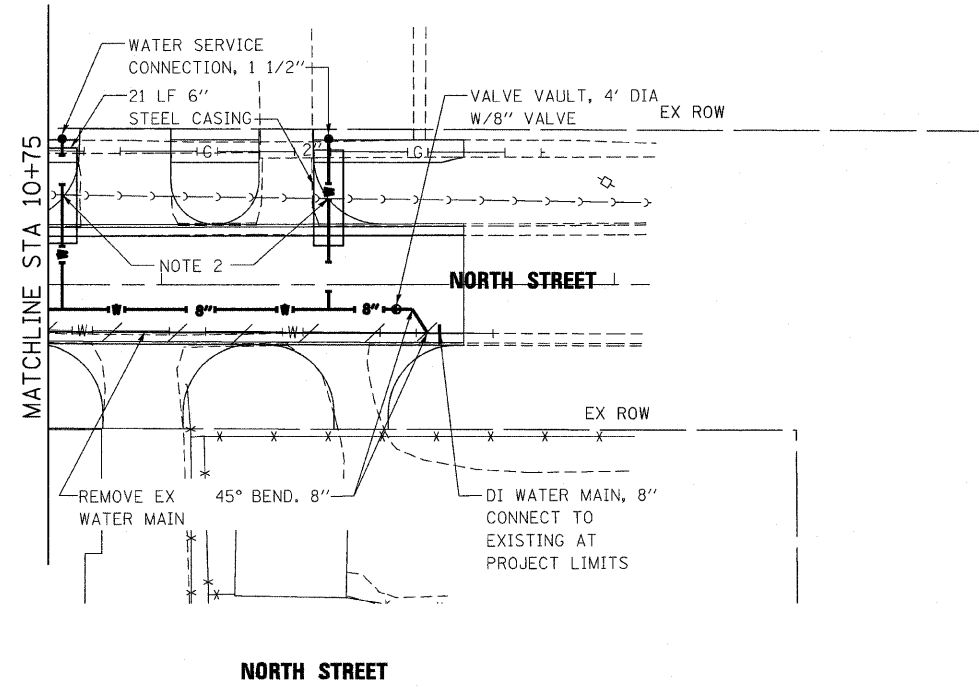
10/27/2009

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	202
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

PLAN	DATE
BY	
SURVEYED	
ALIGNMENT CHECKED	
GRADES CHECKED	
CONNECTIONS CHECKED	
DATE	
NO.	

PROFILE	DATE
BY	
SURVEYED	
GRADES CHECKED	
CONNECTIONS CHECKED	
DATE	
NO.	

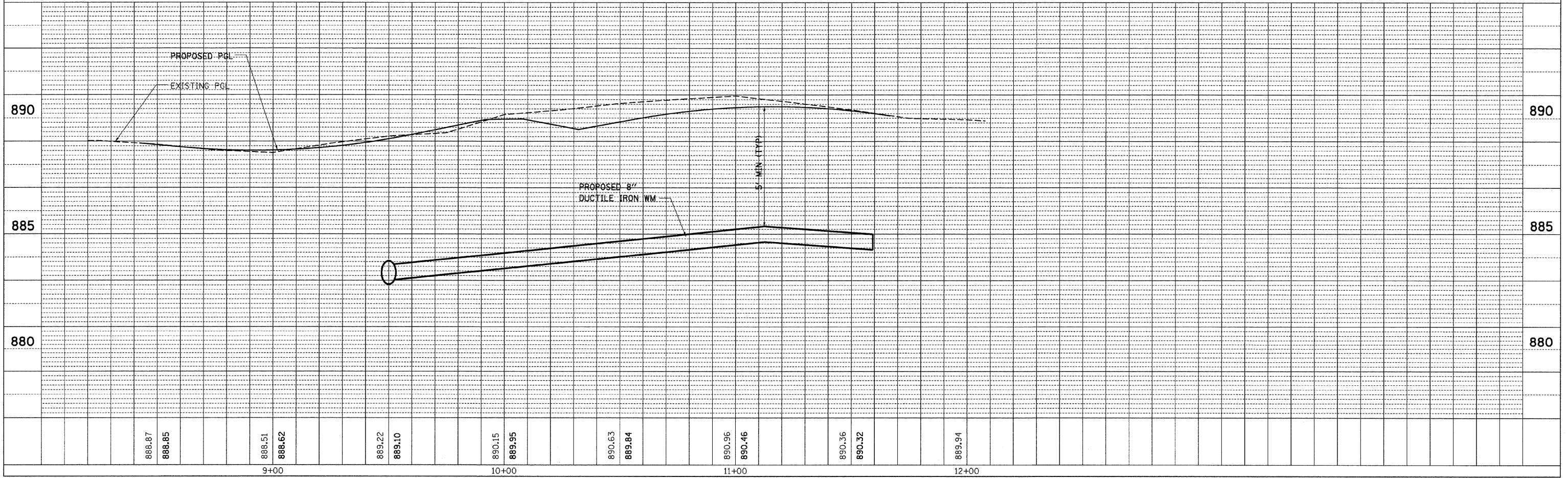
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 USER NAME = 5878



FOR CONTINUATION
SEE SHEET 10 OF 24



- NOTE:**
1. REFER TO DRAINAGE AND UTILITIES PLAN SHEETS FOR ADDITIONAL INFORMATION.
 2. MAINTAIN 18" VERTICAL SEPARATION.

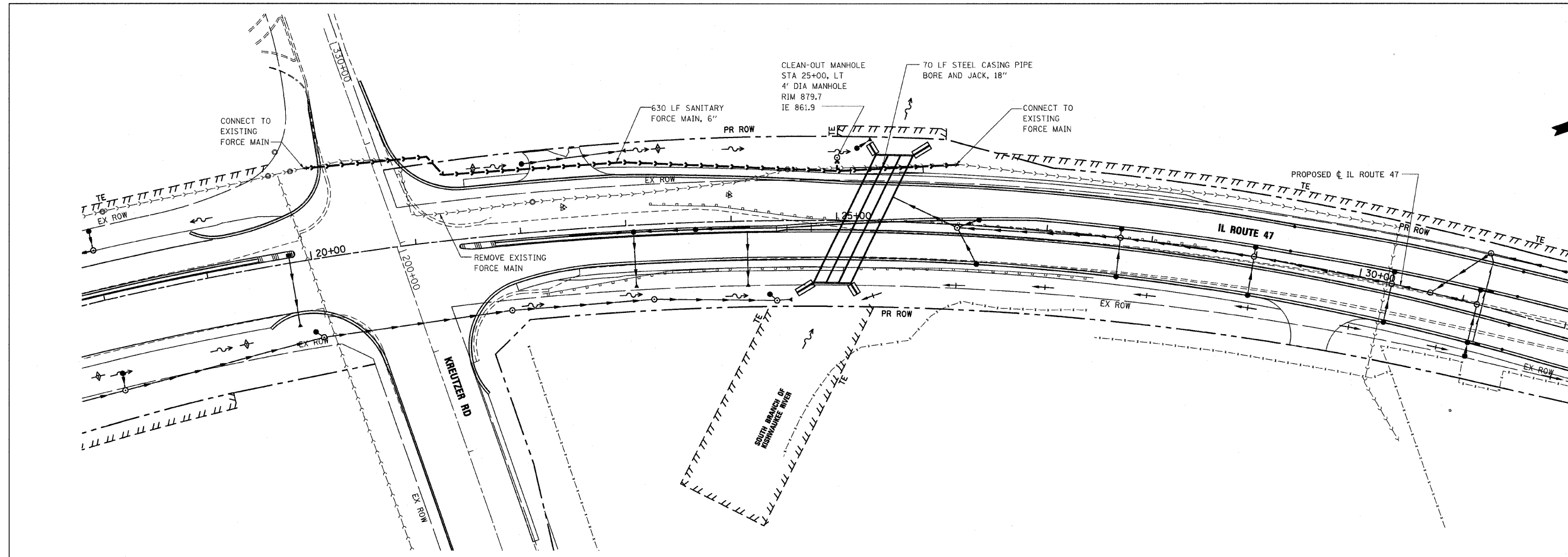


10/27/2009

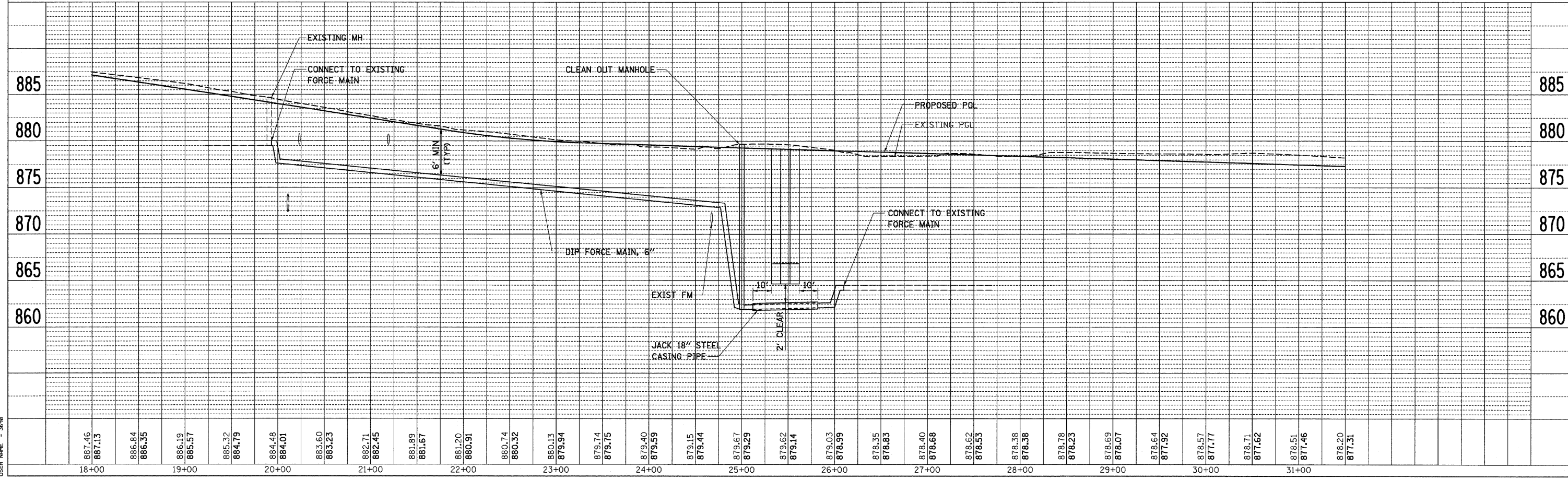
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	203
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



PLAN	DATE	BY
REVISION		
NOTED		
ALIGNED		
CHECKED		
NO.		



PROFILE	DATE	BY
REVISION		
NOTED		
GRADES		
CHECKED		
NO.		

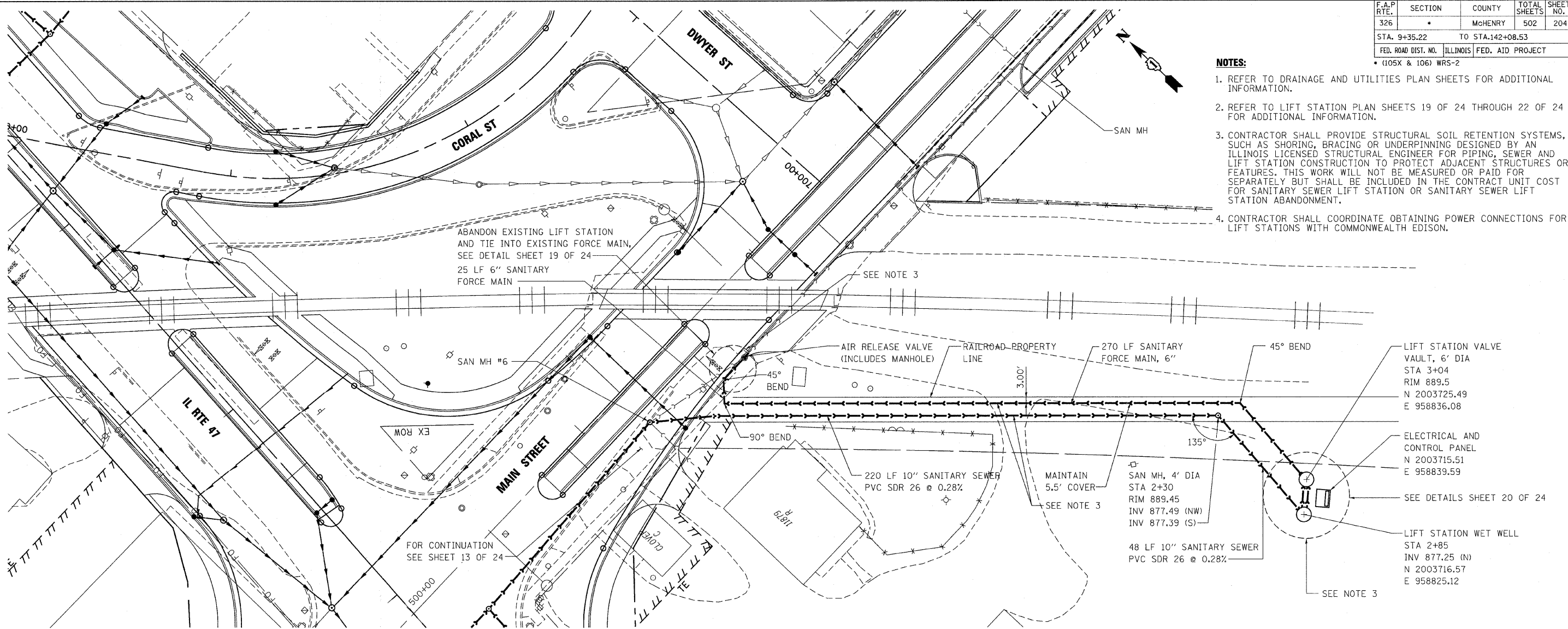


PLOT DATE = Wednesday, October 14, 2009
 PLOT SCALE = 8000:1
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 USER NAME = 38799

10/27/2009

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	204
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (105X & 106) WRS-2				

- NOTES:**
- REFER TO DRAINAGE AND UTILITIES PLAN SHEETS FOR ADDITIONAL INFORMATION.
 - REFER TO LIFT STATION PLAN SHEETS 19 OF 24 THROUGH 22 OF 24 FOR ADDITIONAL INFORMATION.
 - CONTRACTOR SHALL PROVIDE STRUCTURAL SOIL RETENTION SYSTEMS, SUCH AS SHORING, BRACING OR UNDERPINNING DESIGNED BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER FOR PIPING, SEWER AND LIFT STATION CONSTRUCTION TO PROTECT ADJACENT STRUCTURES OR FEATURES. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR SANITARY SEWER LIFT STATION OR SANITARY SEWER LIFT STATION ABANDONMENT.
 - CONTRACTOR SHALL COORDINATE OBTAINING POWER CONNECTIONS FOR LIFT STATIONS WITH COMMONWEALTH EDISON.



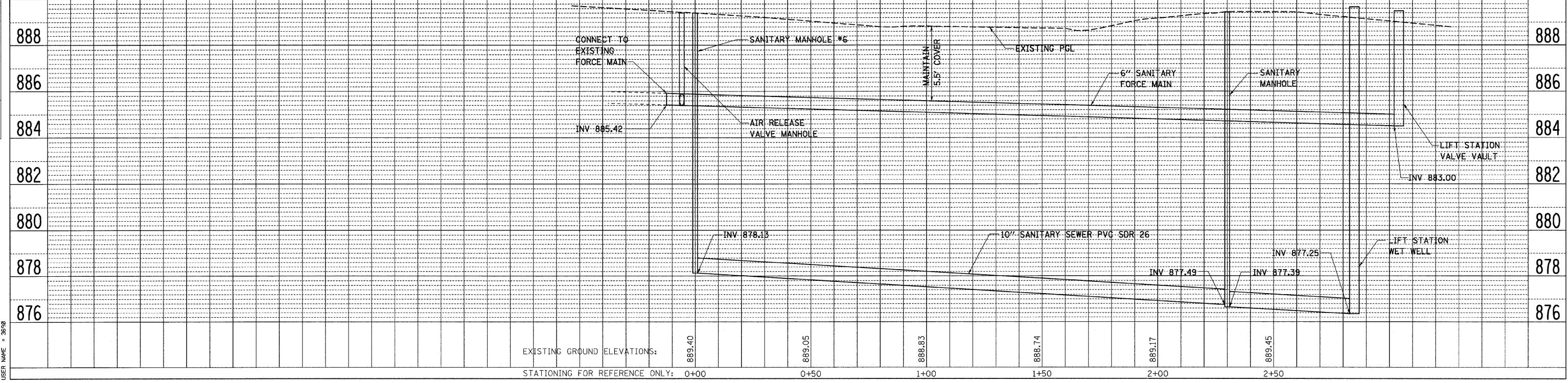
PLAN

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

PROFILE

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

PLOT DATE = Wednesday, October 14, 2009
 FILE NAME = S:\11-CADD\11-10-09\11-10-09.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3679



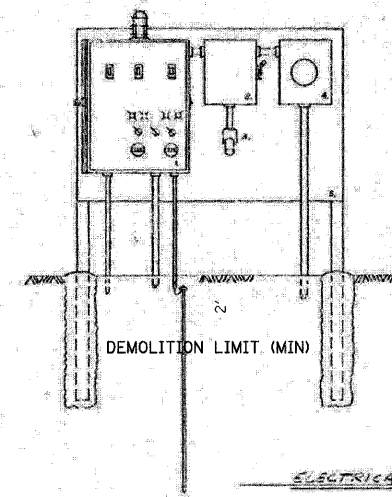
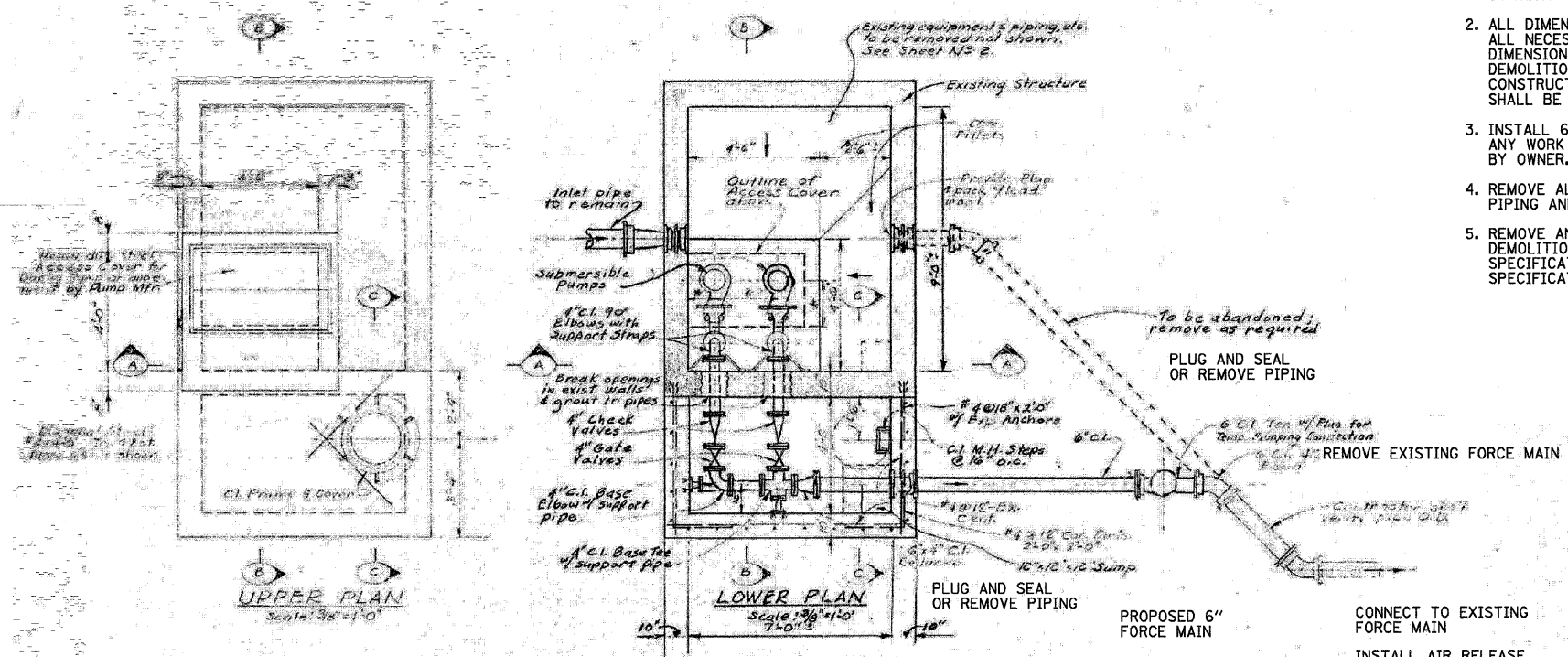
10/27/2009

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	205

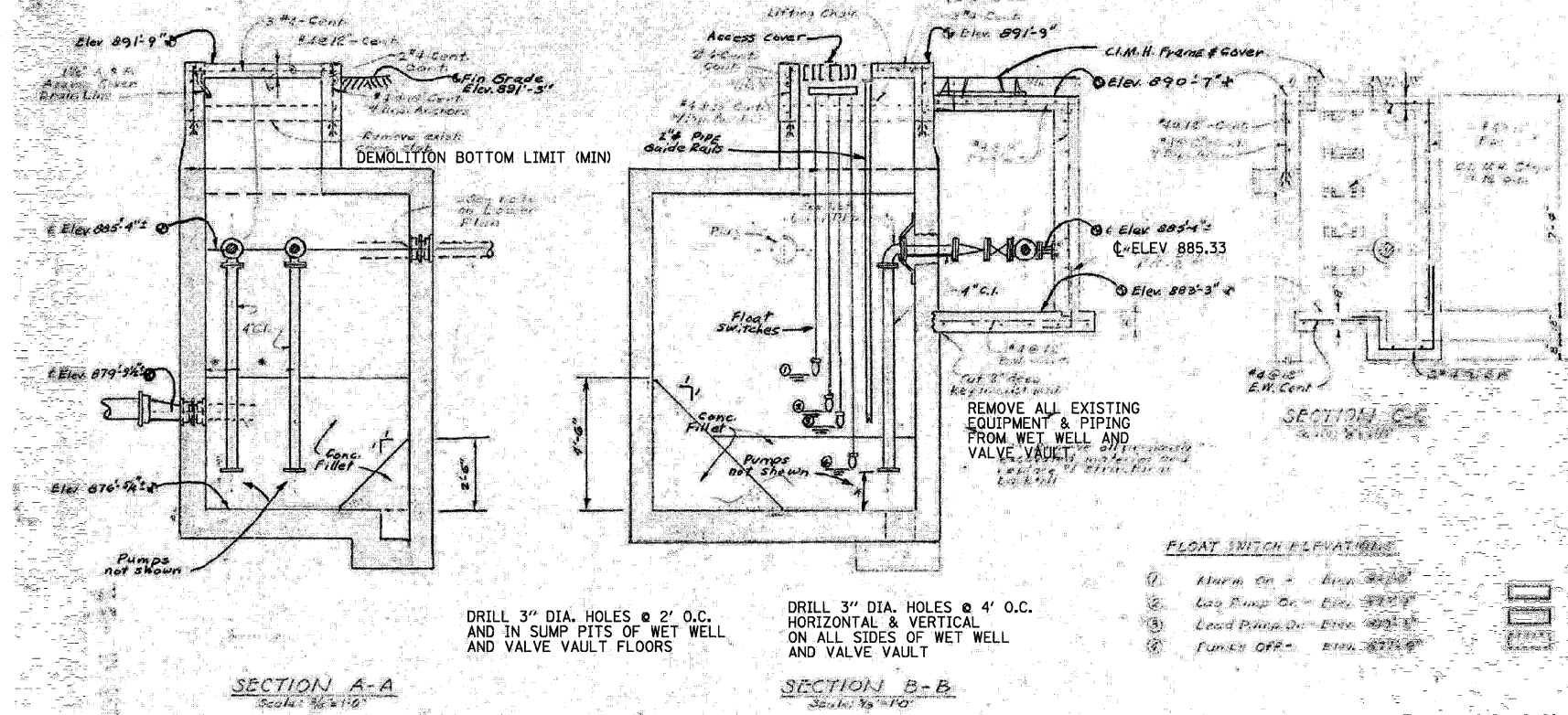
STA. 9+35.22 TO STA.142+08.53
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * (105X & 106) WRS-2

NOTES:

1. THIS LIFT STATION DEMOLITION AND FORCE MAIN CONNECTION PLAN IS BASED ON RECORD DRAWINGS OBTAINED FROM VILLAGE OF HUNTLEY, ENTITLED, "MAIN STREET PUMPING STATION REMODEL PLANS, BY BAXTER AND WOODMAN, INC., 10/3/1977.
2. ALL DIMENSIONS OF EXISTING CONSTRUCTION ARE APPROXIMATE. CONTRACTOR SHALL MAKE ALL NECESSARY FIELD MEASUREMENTS OF EXISTING STRUCTURES AND EQUIPMENT TO VERIFY DIMENSIONS SHOWN ON DRAWINGS AND TO PROVIDE DIMENSIONS NOT SHOWN, PRIOR TO DEMOLITION AND FORCE MAIN CONNECTION. COSTS FOR MODIFICATIONS OF NEW CONSTRUCTION, DUE TO LACK OF CONFIRMATION OF DIMENSIONS BY FIELD MEASUREMENTS SHALL BE BOURNE BY CONTRACTOR.
3. INSTALL 6' TALL TEMPORARY CHAIN LINK FENCE AROUND WORK ZONE PRIOR TO BEGINNING ANY WORK AT THE SITE. REMOVE FENCE AFTER WORK HAS BEEN COMPLETED AND APPROVED BY OWNER. THIS WORK INCLUDED IN THE COST OF LIFT STATION.
4. REMOVE ALL EQUIPMENT AND APPURTENANCES FROM LIFT STATION. PLUG AND SEAL ALL PIPING AND CONDUITS ENTERING AND LEAVING LIFT STATION.
5. REMOVE AND DISPOSE OF WET WELL AND VALVE VAULT TO DESIGNATED BOTTOM OF DEMOLITION EXCAVATION. DRILL HOLES AND BACKFILL EXCAVATED AREA PER STANDARD SPECIFICATIONS. FILL INSIDE OF STRUCTURES WITH FA 6 PER STANDARD SPECIFICATIONS.



1. Pump Control Panel - See Specifications.
 2. Manual Transfer Switch - 3-Pole, 400 volt, non-Fusible, NEMA 3R Enclosure.
 3. Portable Generator Receptacle - Supplied by others.
 4. Econom. Ed. Metering.
 5. 4' x 2' x 1" Thick marine plywood mounting panel supported by 3" steel channel legs embedded 3' deep in concrete.
- REMOVE ALL EXISTING ELECTRICAL & CONTROLS EQUIPMENT; ABANDON EXISTING ELECTRICAL SUPPLY AS DIRECTED BY COM ED & OWNER



DRILL 3" DIA. HOLES @ 2' O.C. AND IN SUMP PITS OF WET WELL AND VALVE VAULT FLOORS

DRILL 3" DIA. HOLES @ 4' O.C. HORIZONTAL & VERTICAL ON ALL SIDES OF WET WELL AND VALVE VAULT

- FLOAT SWITCH ELEVATIONS**
1. Alarm On - Elev. 891'-9"
 2. Lag Pump On - Elev. 891'-9"
 3. Lead Pump On - Elev. 891'-9"
 4. Pump Off - Elev. 879'-3"
- LEGEND**
- Proposed structure and equipment
 - Existing Structure to remain
 - Existing Structure or equipment or piping to be abandoned or removed

* Refer to Pump Mfr for these dimensions

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LIFT STATION DEMOLITION AND
FORCE MAIN CONNECTION PLAN

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

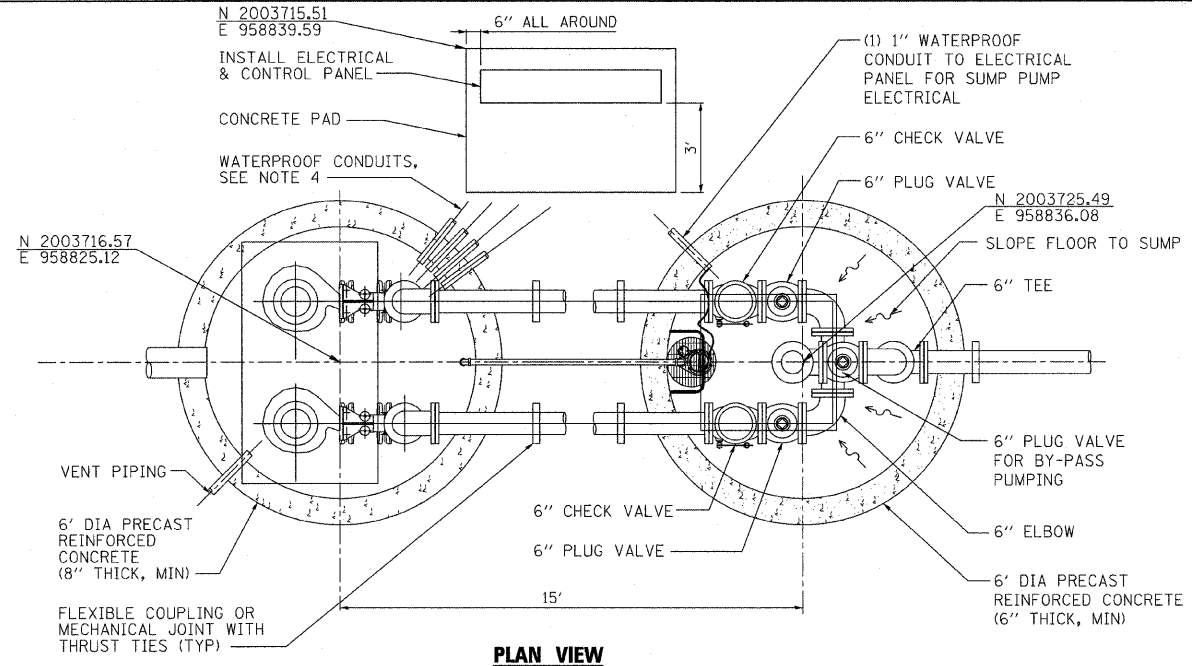
DRAWN BY: E.D.
 CHECKED BY: Z.M.



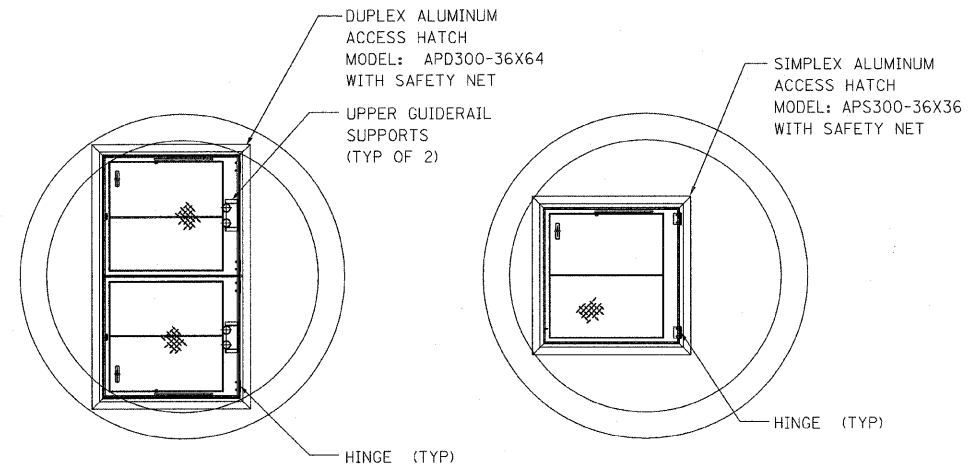
10/27/2009

Plot Date = Wednesday, October 14, 2009
 File Name = S:\11-CADD\01-AHS\105-pump-sts.dwg
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 User Name = 3876

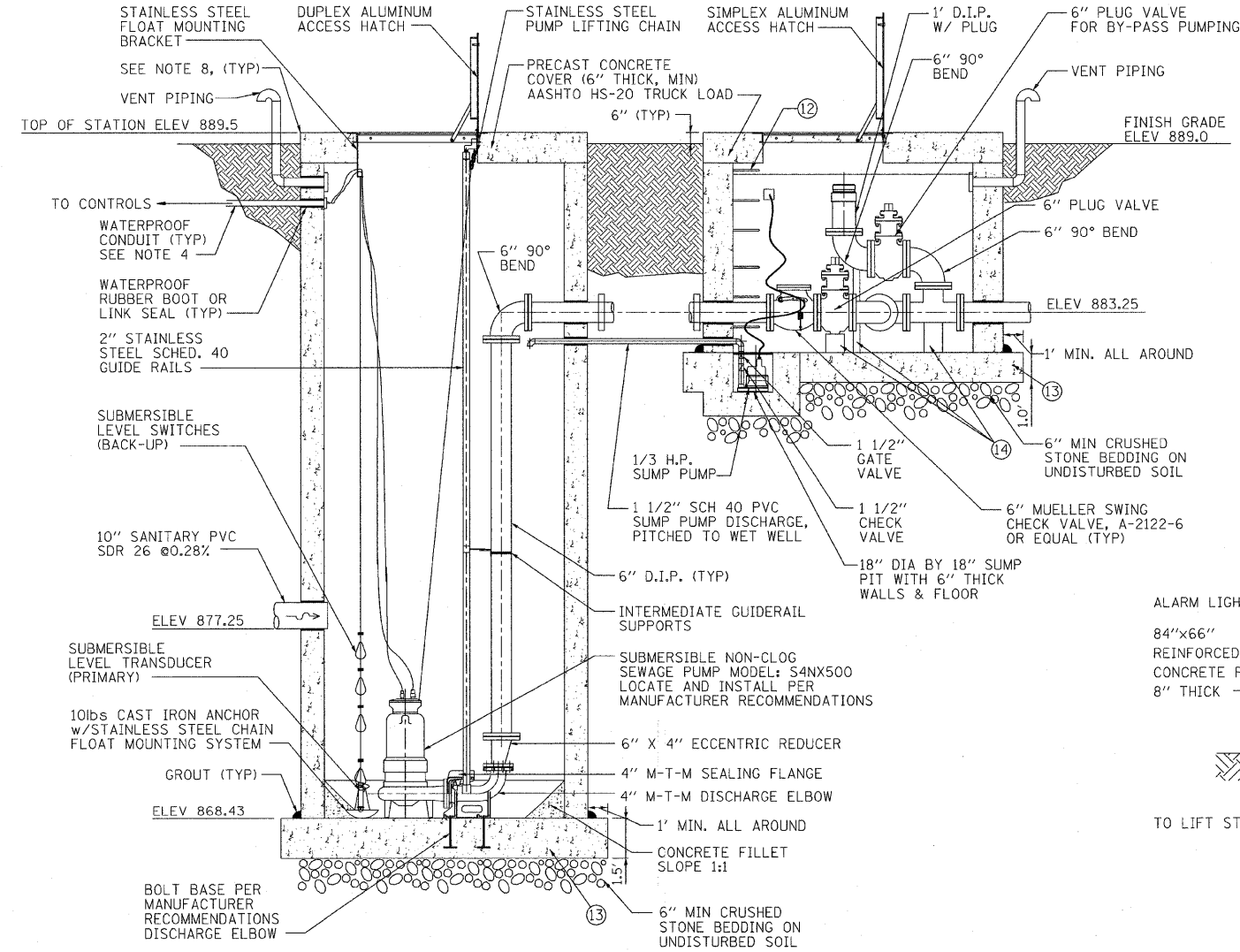
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	206
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



PLAN VIEW



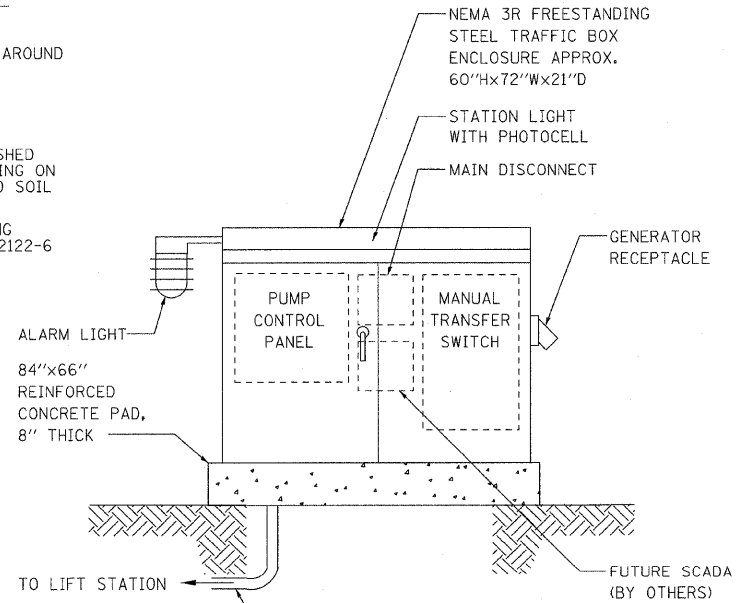
WET WELL DETAILS



STATION PROFILE

LEVEL SWITCHES

HWL ALARM	ELEV: 876.25
TWO PUMPS ON	ELEV: 875.25
ONE PUMP ON	ELEV: 874.25
PUMPS OFF	ELEV: 871.37
LWL ALARM	ELEV: 870.37



CONTROL ENCLOSURE

NOTES:

- LIFT STATION TO BE INSTALLED BY AN EXPERIENCED AND QUALIFIED CONTRACTOR.
- CONTRACTOR TO VERIFY ALL DIMENSIONS, ELEVATIONS, PIPING LAYOUT, AND ORIENTATION OF INLET(S), DISCHARGE AND CONDUIT(S).
- ALL CONCRETE, PIPING & VALVES ARE TO BE PROVIDED BY CONTRACTOR, UNLESS NOTED OTHERWISE.
- PROVIDE WATERPROOF CONDUITS AS FOLLOWS:
 (1) 2" FOR LEVEL SWITCHES
 (1) 2" FOR EACH PUMP POWER CORD AND
 (1) 1" FOR LEVEL TRANSDUCER
- CONTRACTOR TO ORDER CONTROL AND POWER CORDS OF SUFFICIENT LENGTH TO REACH CONTROL PANEL FROM POINT OF ORIGIN WITHOUT SPLICING.
- METROPOLITAN PUMP MODEL NUMBER ARE INDICATED. CONTRACTOR CAN SUBSTITUTE OTHER ALTERNATES OF SIMILAR QUALITY AND PERFORMANCE FOR APPROVAL.
- STAINLESS STEEL HARDWARE SHALL BE USED THROUGHOUT: CHAINS, NUTS, BOLTS, ETC.
- EXPOSED CONCRETE CORNERS: CHAMFER 1".
- CONTRACTOR IS RESPONSIBLE FOR PREVENTION OF FLOATATION OF STRUCTURES DURING CONSTRUCTION.
- REINFORCING CONCRETE COVER 2", 3" IF AGAINST EARTH.
- ALL REINFORCING TO CONFORM TO ACI 318.
- STEEL REINFORCED (14" WIDE POLYURETHANE STEPS @ 16" O.C. AND EXTENDING 7" FROM WALL, FIRST STEP @ 11" FROM ACCESS DOOR BOTTOM.
- PRECAST OR POURED CONCRETE BASE, ROUND OR SQUARE AT CONTRACTOR'S OPTION. REINFORCE WITH #5 @ 10" E.W., TOP AND BOTTOM.
- CONCRETE PIPE SADDLE SUPPORTS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LIFT STATION DETAILS

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: Z.M.

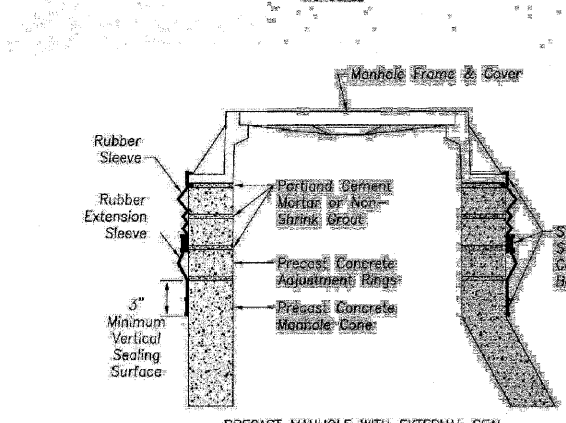
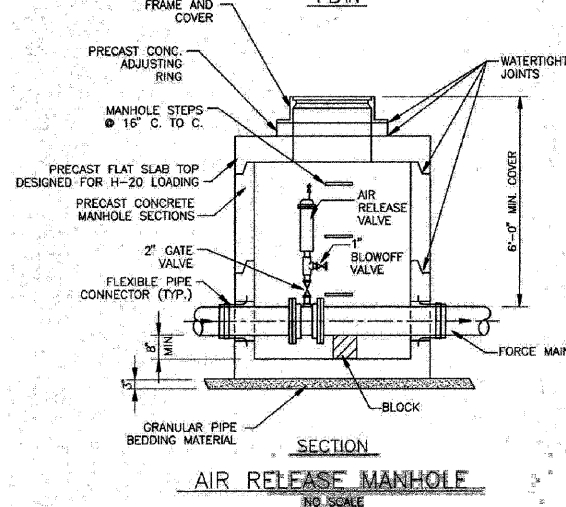
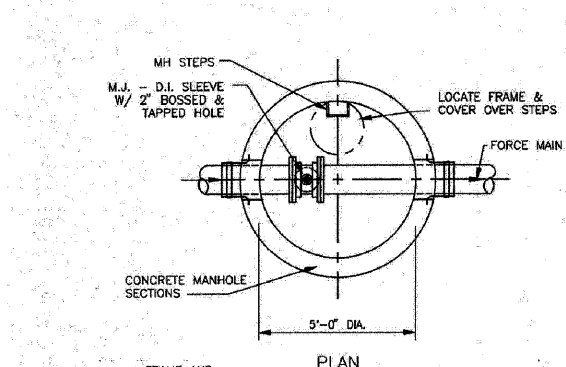


PLOT DATE = Wednesday, October 14, 2009
 FILE NAME = S:\11-CADD\11-lift\206-vm_lift_sta.dwg
 PLOT SCALE = 200
 USER NAME = 3676

10/27/2009

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	207

STA. 9+35.22 TO STA.142+08.53
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 (105X & 106) WRS-2

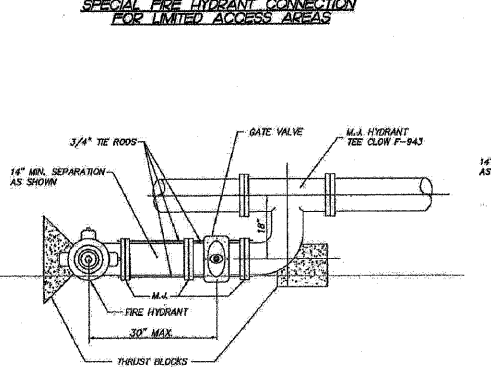
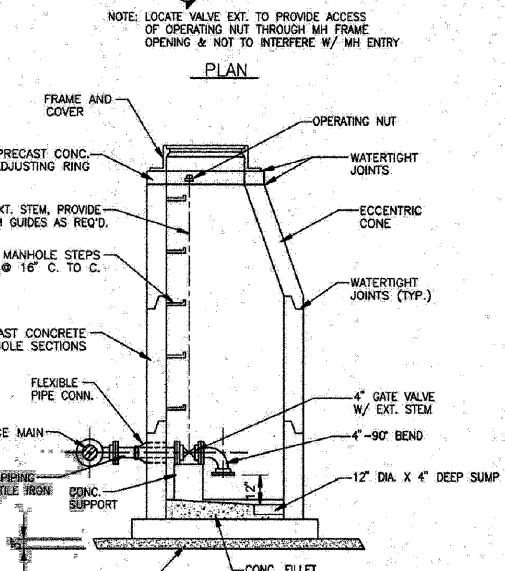
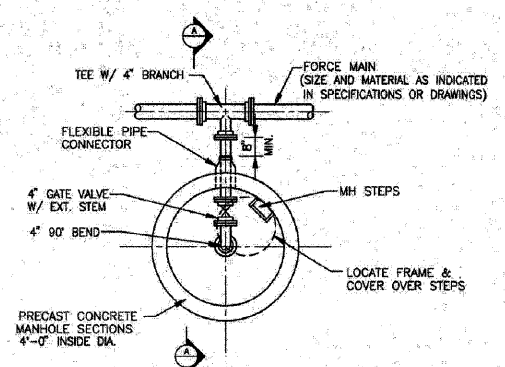


- The rubber sleeve is available in heights of 9" (standard) and 6" (Narrow).
- See the chimney height table below for seal and extension combinations needed to span from the frame to the top of the cone on manholes with various chimney heights. Frame offsets or diameter differentials will reduce these span heights.
- The top of the cone shall have a minimum of 3" high vertical sealing surface that is smooth and free of any form offsets or excessive honeycomb.

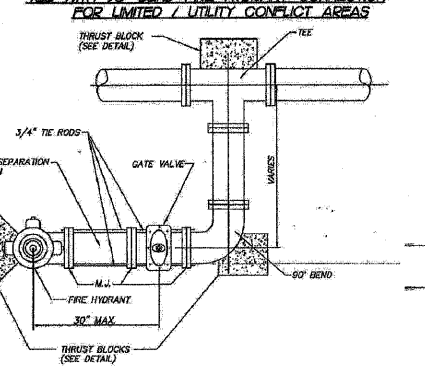
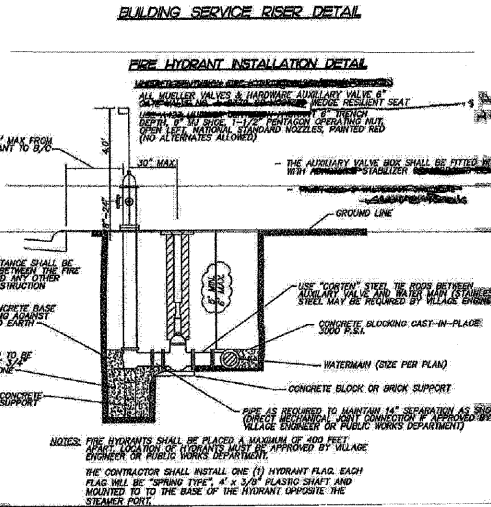
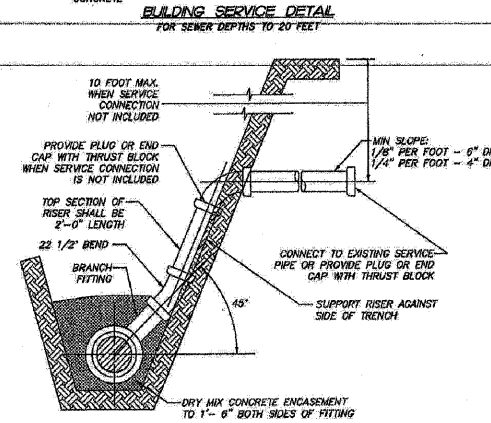
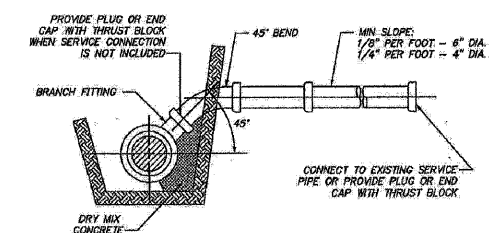
CHIMNEY HEIGHT TABLE

COMBINATIONS OF SEALS AND EXTENSIONS	TO SPAN HEIGHTS OF:
Narrow 6" Only	0" to 3"
Standard 9" Only	Over 3" - 6.5"
Standard Seal + Extension	Over 6.5" - 13.0"
Standard Seal + Multi Extensions	Over 13.5"

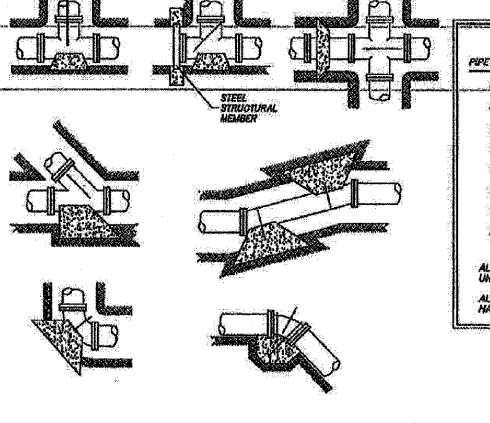
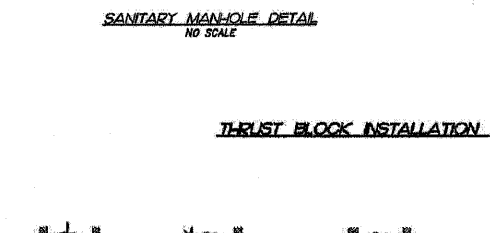
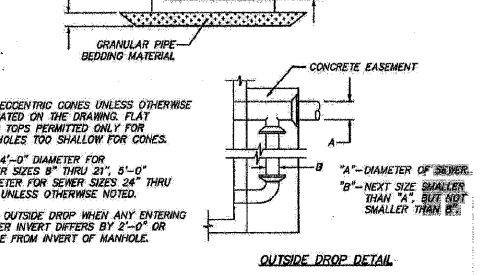
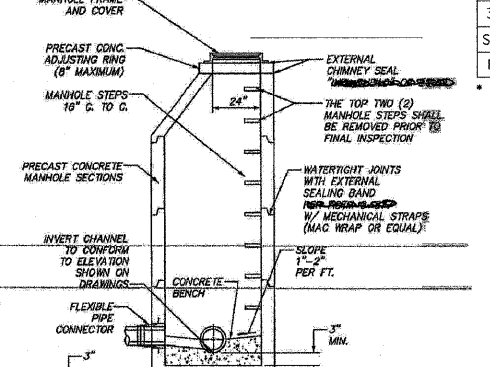
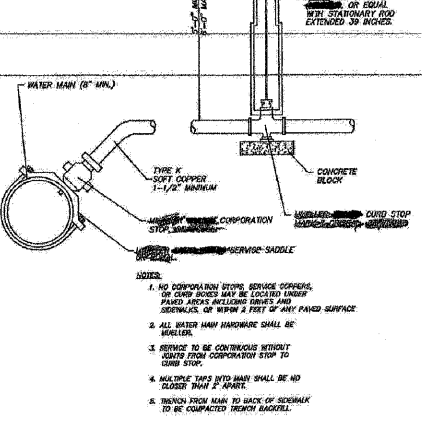
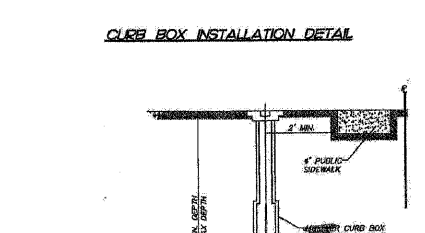
Add 7" of coverage for each additional Extension.



- NOTES:**
- CONTRACTOR WILL SUPPLY HYDRANTS WITH AUXILIARY VALVES AND MECHANICAL JOINT CONNECTIONS WITH PLAIN END CAST IRON PIPE BETWEEN HYDRANT AND VALVE.
 - THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR FIRE HYDRANT ASSEMBLY OR FIRE HYDRANT ASSEMBLY RELOCATION WHICH PRICE SHALL INCLUDE PROVIDING AND INSTALLING THE HYDRANT, THE VALVE AND VALVE BOX, THE CONNECTION PIPES, BACKFILL MATERIAL, AND THRUST BLOCK AS DETAILED.
 - EXISTING FIRE HYDRANT RELOCATION SHALL BE IN ACCORDANCE WITH SECTION 084 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
 - WHEN A 4' MINIMUM DISTANCE BETWEEN HYDRANT AND WATER MAIN CANNOT BE OBTAINED THE HYDRANT SHALL BE INSTALLED AND/OR RELOCATED PER THE SPECIAL FIRE HYDRANT DETAIL SHOWN. THE COST OF ANY ADDITIONAL MATERIALS OR LABOR SHALL BE CONSIDERED INCIDENTAL TO THE COST OF HYDRANT INSTALLATION AND/OR RELOCATION.



- NOTES:**
- CONTRACTOR WILL SUPPLY HYDRANTS WITH AUXILIARY VALVES AND MECHANICAL JOINT CONNECTIONS WITH PLAIN END CAST IRON PIPE BETWEEN HYDRANT AND VALVE.
 - THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR FIRE HYDRANT ASSEMBLY OR FIRE HYDRANT ASSEMBLY RELOCATION WHICH PRICE SHALL INCLUDE PROVIDING AND INSTALLING THE HYDRANT, THE VALVE AND VALVE BOX, THE CONNECTION PIPES, BACKFILL MATERIAL, AND THRUST BLOCK AS DETAILED.
 - EXISTING FIRE HYDRANT RELOCATION SHALL BE IN ACCORDANCE WITH SECTION 084 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
 - WHEN A 4' MINIMUM DISTANCE BETWEEN HYDRANT AND WATER MAIN CANNOT BE OBTAINED THE HYDRANT SHALL BE INSTALLED AND/OR RELOCATED PER THE SPECIAL FIRE HYDRANT DETAIL SHOWN. THE COST OF ANY ADDITIONAL MATERIALS OR LABOR SHALL BE CONSIDERED INCIDENTAL TO THE COST OF HYDRANT INSTALLATION AND/OR RELOCATION.



PIPE SIZE	BEARING AREA (SQ. FT.)				
	TEE/PLUG	90°	45°	22-1/2°	11-1/4°
8	6	4	3	1	1
10	7	5	3	2	1
12	8	6	4	3	2
14	12	9	6	4	3
16	10	12	7	5	3
18	10	15	8	6	4
24	10	30	15	10	5

ALL BLOCKING SHALL BE POURED CONCRETE AGAINST UNDISTURBED EARTH.
 ALL BENDS OR ELBOWS GREATER THAN 11-1/4° SHALL HAVE THRUST BLOCKING.

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
DETAIL SHEET

SCALE: VERT. NO SCALE
 HORIZ. NO SCALE
 DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: Z.M.

Stanley Consultants INC.
 8501 West Higgins Road, Suite 730, Chicago, Illinois 60633-2801
 www.stanleygrp.com
 Illinois Tira Registration No. 04-00533
 (773) 683-9624

10/27/2009

PLOT DATE = Wednesday, October 14, 2009
 FILE NAME = S:\11-CADD\11-wrt\207_pump_mh.dwg
 PLOT SCALE = 1:200
 USER NAME = j3076

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	208
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				

DUCTILE IRON WATER MAIN, 6 INCH		
STA	TO STA	QUANTITY (LF)
58+00	62+00	2
62+00	68+00	20
68+00	74+00	57
74+00	80+00	169
80+00	86+00	56
86+00	92+00	209
92+00	98+00	196
98+00	104+00	209
104+00	110+00	200
497+50	499+00	52
8+00	9+00	10
Total = 1180 LF		

STEEL CASING, 18 INCH		
STA	TO STA	QUANTITY (LF)
IL 47		
75+92	75+92	23
81+65	81+90	25
82+32	82+54	22
83+64	83+86	22
84+24	84+48	21
88+95	88+95	21
91+71	92+26	55
92+83	93+05	22
94+89	95+11	22
95+31	95+31	44
95+95	96+17	22
96+74	96+96	22
100+93	101+14	21
108+36	108+36	31
108+37	108+37	21
Coral Street		
601+60	601+78	21
Main Street		
497+48	497+79	31
Total = 446 LF		

VALVE VAULT 5' DIA W/ 12 INCH VALVE		
STA	OFFSET	QUANTITY (EA)
IL 47		
75+94	27 RT	1
77+77	68 RT	1
79+22	59 RT	1
81+49	52 RT	1
84+11	50 RT	1
84+56	47 RT	1
88+96	46 RT	1
88+88	40 LT	1
95+14	50 LT	1
95+26	42 LT	1
95+32	47 LT	1
95+72	38 LT	1
102+25	54 LT	1
Borden Street		
8+92	4 LT	1
4th Street		
8+70	16 LT	1
Total = 15 EA		

DUCTILE IRON WATER MAIN, 12 INCH		
STA	TO STA	QUANTITY (LF)
62+65	62+86	187
75+70	80+00	450
80+00	86+00	756
86+00	92+00	765
92+00	98+00	703
68+00	104+00	598
104+00	110+00	580
601+50	602+08	67
497+46	499+00	155
8+64	9+00	50
Total = 4311 LF		

REMOVE MANHOLE		
STA	OFFSET	QUANTITY (EA)
IL 47		
73+84	24 RT	1
75+71	24 RT	1
78+48	18 LT	1
78+64	52 RT	1
80+49	29 RT	1
81+79	13 LT	1
82+43	15 RT	1
84+35	14 RT	1
84+32	17 LT	1
84+27	53 LT	1
88+89	27 RT	1
90+78	28 RT	1
92+25	29 LT	1
92+61	32 RT	1
95+57	27 RT	1
95+53	28 LT	1
98+70	39 LT	1
100+22	26 RT	1
101+11	28 RT	1
103+04	32 RT	1
105+66	34 RT	1
106+83	41 RT	1
Main Street		
501+22	16 RT	1
498+54	21 RT	1
Borden Street		
8+12	13 LT	1
Total = 25 EA		

VALVE VAULT 4' DIA W/ 6 INCH VALVE		
STA	OFFSET	QUANTITY (EA)
IL 47		
75+41	83 LT	1
75+94	27 RT	1
90+71	35 LT	1
96+23	36 LT	1
97+22	41 LT	1
100+69	48 LT	1
104+11	50 LT	1
105+49	52 LT	1
107+85	43 LT	1
Total = 9 EA		

LINE MANHOLE		
STA	OFFSET	QUANTITY (VFT)
IL 47		
88+64	35 LT	7.85
99+27	25 RT	7.6
102+28	32 RT	5.8
4th Street		
8+63	10 RT	12.15
Total = 33.4 VFT		

SANITARY FORCE MAIN, 6 INCH		
STA	TO STA	QUANTITY (LF)
20+05	26+10	630
2+80*	0+00*	280
Total = 910 LF		

* REFERENCE STATIONING AT LIFT STATION

FIRE HYDRANT		
STA	OFFSET	QUANTITY (EA)
IL 47		
34+60	RT	1
46+85	RT	1
54+85	RT	1
58+85	49 RT	1
61+60	44 RT	1
63+08	70 LT	1
65+00	49 RT	1
68+25	44 RT	1
70+80	45 RT	1
73+45	44 RT	1
76+56	66 RT	1
79+17	70 RT	1
82+00	49 RT	1
84+63	51 LT	1
85+00	44 RT	1
87+74	51 RT	1
90+00	45 LT	1
93+05	49 RT	1
98+51	50 RT	1
101+17	67 LT	1
104+15	48 RT	1
107+00	58 LT	1
109+52	41 LT	1
Main Street		
497+50	23 RT	1
North Street		
8+75	25 RT	1
4th Street		
8+77	29 LT	1
Total = 26 EA		

VALVE BOXES, 8 INCH		
STA	OFFSET	QUANTITY (EA)
IL 47		
69+46	48 RT	1
72+71	48 RT	1
75+40	82 RT	1
Total = 3 EA		

VALVE VAULT 4' DIA W/ 8 INCH VALVE		
STA	OFFSET	QUANTITY (EA)
IL 47		
69+46	26 RT	1
81+59	47 RT	1
97+87	45 LT	1
102+35	60 LT	1
109+60	57 LT	1
North St		
11+52	5 RT	1
Total = 6 EA		

DUCTILE IRON WATER MAIN, 8 INCH		
STA	TO STA	QUANTITY (LF)
68+00	74+00	56
74+00	80+00	111
97+87	97+87	104
98+00	104+00	18
104+00	110+00	5
10+75	11+59	12
Total = 306 LF		

REMOVE EXISTING VALVE AND VAULT		
STA	OFFSET	QUANTITY (EA)
IL 47		
62+83	27 RT	1
83+98	24 LT	1
85+06	35 RT	1
88+90	44 LT	1
89+20	46 LT	1
95+25	31 RT	1
102+34	19 RT	1
105+55	24 RT	1
108+42	57 RT	1
108+77	38 LT	1
Total = 10 EA		

VALVE BOXES, 10 INCH		
STA	OFFSET	QUANTITY (EA)
IL 47		
32+05	RT	1
35+65	RT	1
45+35	RT	1
49+90	RT	1
51+05	RT	1
Total = 5 EA		

STEEL CASING, 12 INCH		
STA	TO STA	QUANTITY (LF)
IL 47		
78+67	78+67	22
79+45	79+45	22
80+04	80+04	22
80+98	80+98	22
81+56	81+56	22
90+74	90+74	40
93+04	93+04	22
100+69	100+69	80
105+45	105+45	36
107+84	107+84	21
Total = 309 LF		

DUCTILE IRON WATER MAIN, 10 INCH		
STA	TO STA	QUANTITY (LF)
32+00	35+70	370
45+30	50+00	470
51+00	55+00	400
60+50	61+83	110
104+00	110+00	135
601+50	602+08	4
Total = 1489 LF		

PLUG PIPE PENETRATION		
STA	OFFSET	QUANTITY (EA)
88+64	35 LT	1
Total = 1 EA		

STEEL CASING PIPE BORE AND JACK, 18 INCH		
STA	TO STA	Quantity (LF)
25+10	25+80	70
Total = 70 LF		

STEEL CASING, 6 INCH		
STA	TO STA	QUANTITY (LF)
IL 47		
10+78	10+78	21
11+37	11+37	21
Total = 42 LF		

STEEL CASING, 15 INCH		
STA	TO STA	QUANTITY (LF)
IL 47		
79+25	79+25	24
80+42	80+63	21
4th Street		
8+98	8+98	22
Total = 67 LF		

VALVE VAULT 5' DIA W/ 10 INCH VALVE		
STA	OFFSET	QUANTITY (EA)
IL 47		
54+95	RT	1
61+83	RT	1
108+36	40 LT	1
Total = 3 EA		

REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SCHEDULE OF QUANTITIES
SHEET 1 OF 2

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: B.S.

PLT DATE: Wednesday, October 14, 2009
 FILE NAME: s:\11-cadd\11-rht\208_sched.dgn
 USER: JMM
 USER NAME: JMM

10/27/2009

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	209
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (105X & 106) WRS-2

WATER SERVICE CONNECTION	
STA	QUANTITY (EA)
IL 47	
73+92	1
78+84	1
79+71	1
79+92	1
80+22	1
80+68	1
85+02	1
86+63	1
88+16	1
90+89	1
92+83	1
95+34	1
4th Street	
8+95	1
8+98	1
North Street	
10+78	1
11+37	1
Total =	16 EA

ADJUST FIRE HYDRANT WITH AUXILIARY VALVE		
STA	OFFSET	QUANTITY (EA)
IL 47		
31+08	52 RT	1
39+05	65 RT	1
42+85	48 RT	1
46+82	47 RT	1
49+23	51 RT	1
127+43	63 LT	1
130+43	63 LT	1
135+63	65 RT	1
Total =		8 EA

REPLACE FRAME AND ADJUSTMENTS		
STA	OFFSET	QUANTITY (EA)
IL 47		
67+89	27 RT	1
88+76	28 RT	1
Total =		2 EA

FIRE HYDRANTS TO BE REMOVED		
STA	OFFSET	QUANTITY (EA)
IL 47		
35+15	RT	1
54+88	RT	1
58+86	37 RT	1
62+90	47 RT	1
68+21	35 RT	1
72+43	24 RT	1
79+17	64 RT	1
83+92	47 LT	1
85+10	49 RT	1
87+66	49 RT	1
93+08	44 RT	1
95+03	79 LT	1
101+69	33 RT	1
108+73	47 LT	1
Total =		14 EA

CLEAN EXISTING SANITARY MANHOLES		
STA	OFFSET	QUANTITY (EA)
IL 47		
87+89	27 RT	1
88+76	28 RT	1
Total =		2 EA

MANHOLES TO BE ADJUSTED (SANITARY)		
STA	OFFSET	QUANTITY (EA)
IL 47		
68+44	48 RT	1
73+78	36 RT	1
84+64	35 LT	1
87+89	27 RT	1
88+64	35 LT	1
88+76	28 RT	1
90+51	38 LT	1
99+27	25 RT	1
102+30	60 LT	1
115+18	50 RT	1
115+21	39 RT	1
115+40	48 LT	1
115+66	65 LT	1
119+06	64 LT	1
121+22	61 LT	1
Main Street		
497+79	22 RT	1
503+30	25 RT	1
503+88	25 RT	1
504+11	6 RT	1
Algonquin Road		
98+37	13 RT	1
94+82	11 RT	1
89+15	29 RT	1
Total =		22 EA

VALVE VAULTS TO BE ADJUSTED		
STA	OFFSET	QUANTITY (EA)
IL 47		
61+96	43 RT	1
68+17	28 RT	1
68+29	24 RT	1
76+28	39 RT	1
Mill Street		
399+01	8 LT	1
Main Street		
602+15	5 LT	1
Total =		6 EA

PLOT DATE = Wednesday, October 14, 2009
 FILE NAME = S:\11-CHDD\01-INT\1091-1.sch.dwg
 USER NAME = 3670



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SCHEDULE OF QUANTITIES
SHEET 2 OF 2

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: B.S.

10/27/2009

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	210
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

TESTING SERVICE CORPORATION
LEGEND FOR BORING LOGS

SAMPLE TYPE:
SS = Split Spoon
ST = Thin-Walled Tube
A = Auger

FIELD AND LABORATORY TEST DATA:
N = Standard Penetration Resistance in Blows per Foot
Wc = In-Situ Water Content
Qu = Unconfined Compressive Strength in Tons per Square Foot
* Pocket Penetrometer Measurement: Maximum Reading = 4.8 tsf
γD = Dry Unit Weight in Pounds per Cubic Foot

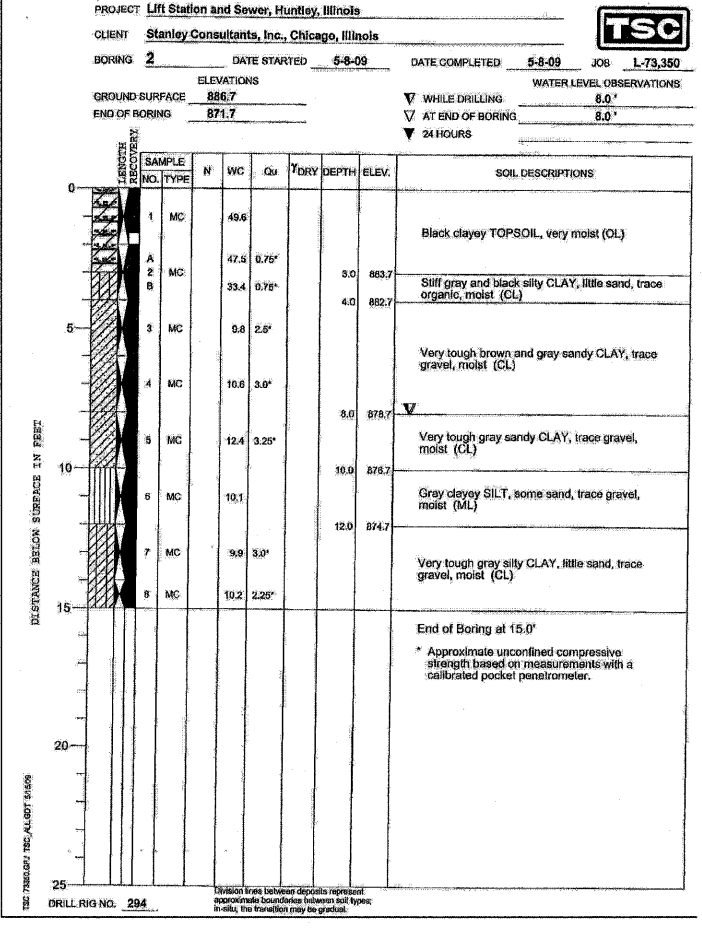
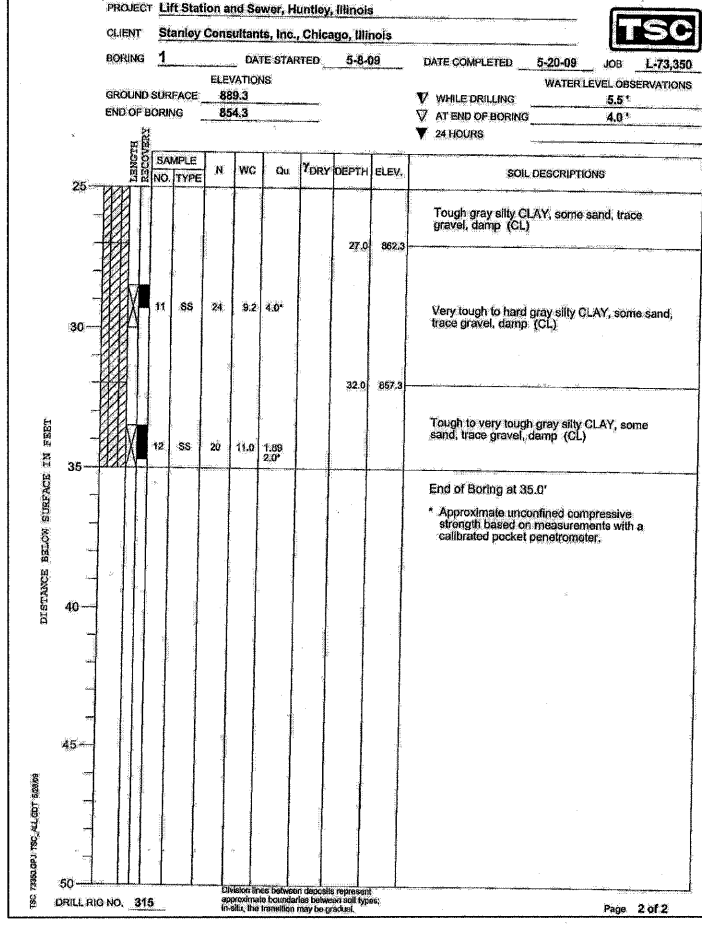
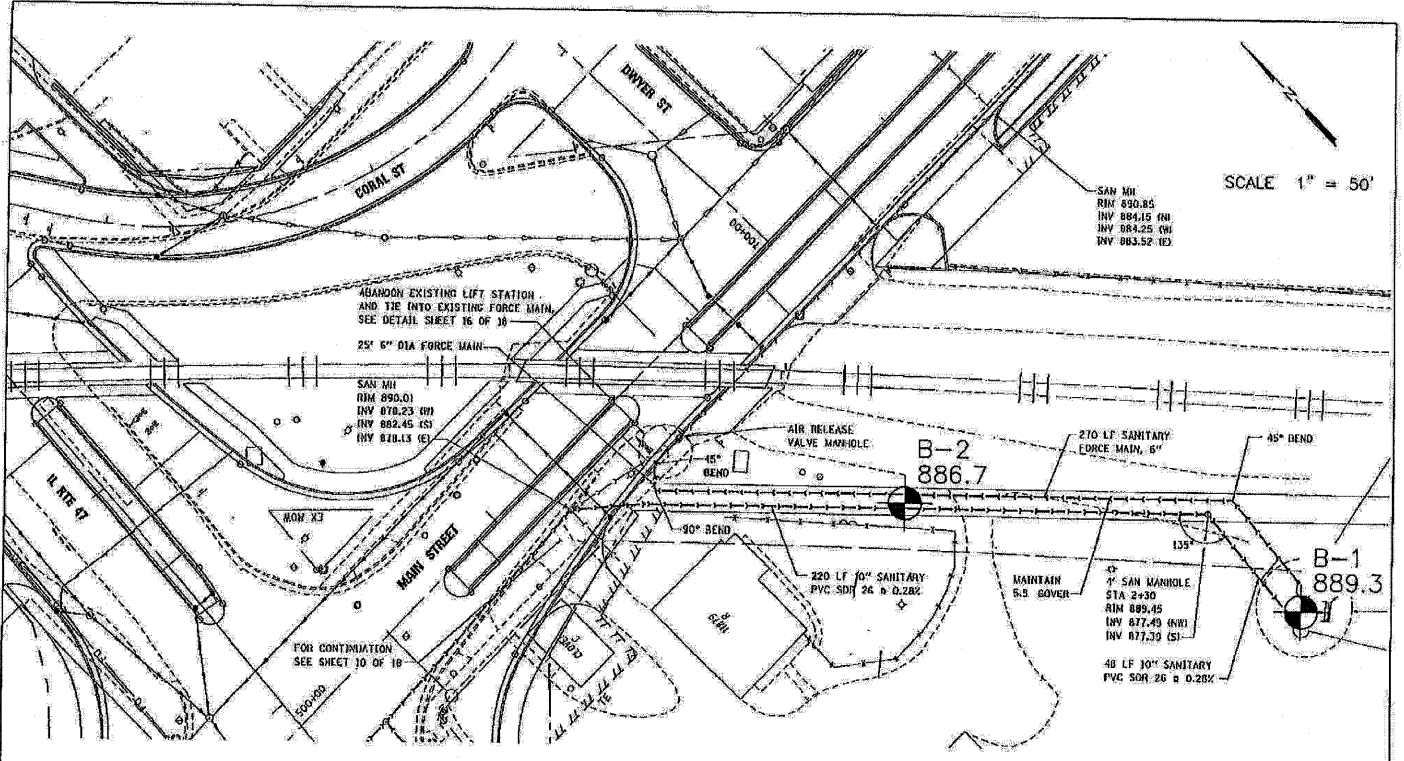
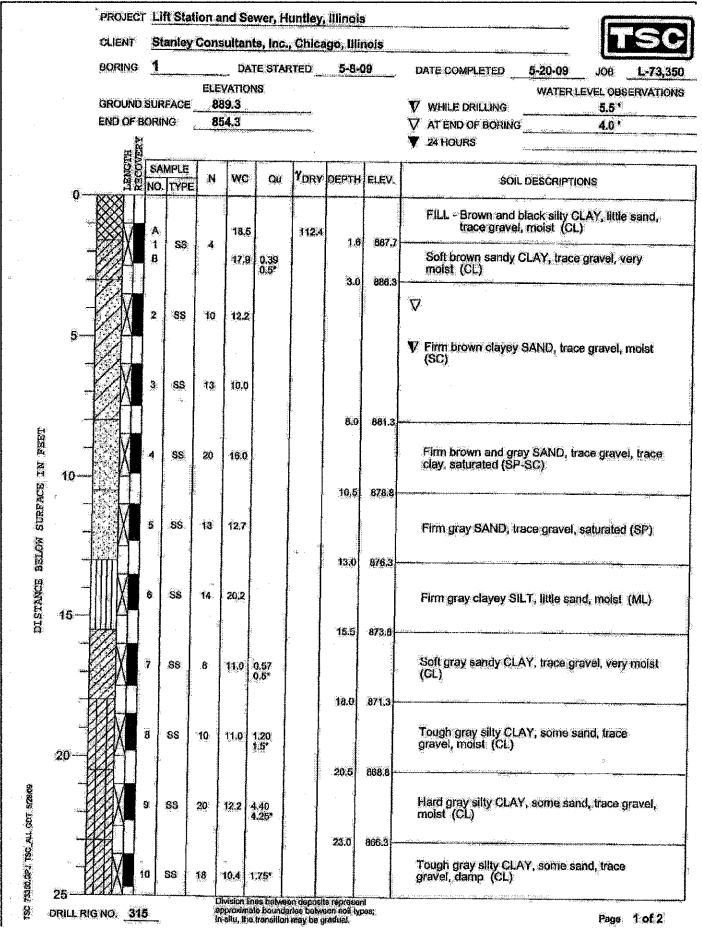
WATER LEVELS:
▽ While Drilling
▽ End of Boring
▽ 24 Hours

SOIL DESCRIPTION:

MATERIAL	PARTICLE SIZE RANGE
BOULDER	Over 12 inches
COBBLE	12 inches to 3 inches
Coarse GRAVEL	3/8 inch to 3/4 inch
Small GRAVEL	3/4 inch to No. 4 Sieve
Coarse SAND	No. 4 Sieve to No. 10 Sieve
Medium SAND	No. 10 Sieve to No. 40 Sieve
Fine SAND	No. 40 Sieve to No. 200 Sieve
SILT and CLAY	Passing No. 200 Sieve

COHESIVE SOILS		COHESIONLESS SOILS	
CONSISTENCY	Qu	RELATIVE DENSITY	N
Very Soft	Less than 0.3	Very Loose	0 - 4
Soft	0.3 to 0.6	Loose	4 - 10
Stiff	0.6 to 1.0	Firm	10 - 30
Tough	1.0 to 2.0	Dense	30 - 50
Very Tough	2.0 to 4.0	Very Dense	50 and over
Hard	4.0 and over		

MODIFYING TERM	PERCENT BY WEIGHT
Trace	1 - 10
Little	10 - 20
Some	20 - 35



BENCHMARK: A SQUARE CUT #11 ON A CONCRETE HAND HOLD BASE LOCATED IN THE NORTHEAST CORNER OF ILLINOIS STATE ROUTE 47 AND MAIN STREET, ELEVATION 889.94

BORING LOCATION PLAN
PROPOSED LIFT STATION AND SEWER
HUNTLEY, ILLINOIS

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP
CHECKED BY: CRD
JOB NO.: L-73,350
DATE: 05-15-09

PAGE NO. 1 OF 1



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
SOIL BORING

SCALE: VERT. NO SCALE
HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
CHECKED BY: Z.M.

PLOT DATE = Wednesday, October 14, 2009
FILE NAME = S:\11-CADD\11-int\210_fm.tbl bor.dgn
PLOT SCALE = 2881
USER NAME = j3678

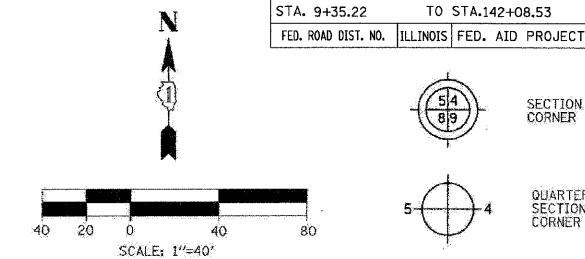
10/27/2009

PART OF THE NE. 1/4 OF SEC. 5, TWP. 42 N., R. 7 E. OF THE 3rd P.M. IN KANE COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	211
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
- - - - -	QUARTER SECTION LINE
- · - · -	QUARTER, QUARTER SECTION LINE
---	PLATTED LOT LINE
- · - · -	PROPERTY (DEED) LINE
- · - · -	APL APPARENT PROPERTY LINE
- · - · -	EXISTING CENTERLINE
- · - · -	EXISTING RIGHT OF WAY LINE
- · - · -	PROPOSED CENTERLINE
- · - · -	PROPOSED RIGHT OF WAY LINE
- · - · -	PROPOSED EASEMENT LINE
123.45	MEASURED DIMENSION
123.45 (COMP)	COMPUTED DIMENSION
(123.45)	RECORDED DIMENSION
[Hatched Box]	EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF DU PAGE)

THIS IS TO CERTIFY THAT J. HAROLD C. WESTPHAL, JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.



Harold C. Westphal, Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Design Firm Professional Registration #156902978

CANNED

RECEIVED
NOV 0 2 2007
PLATS & LEGALS

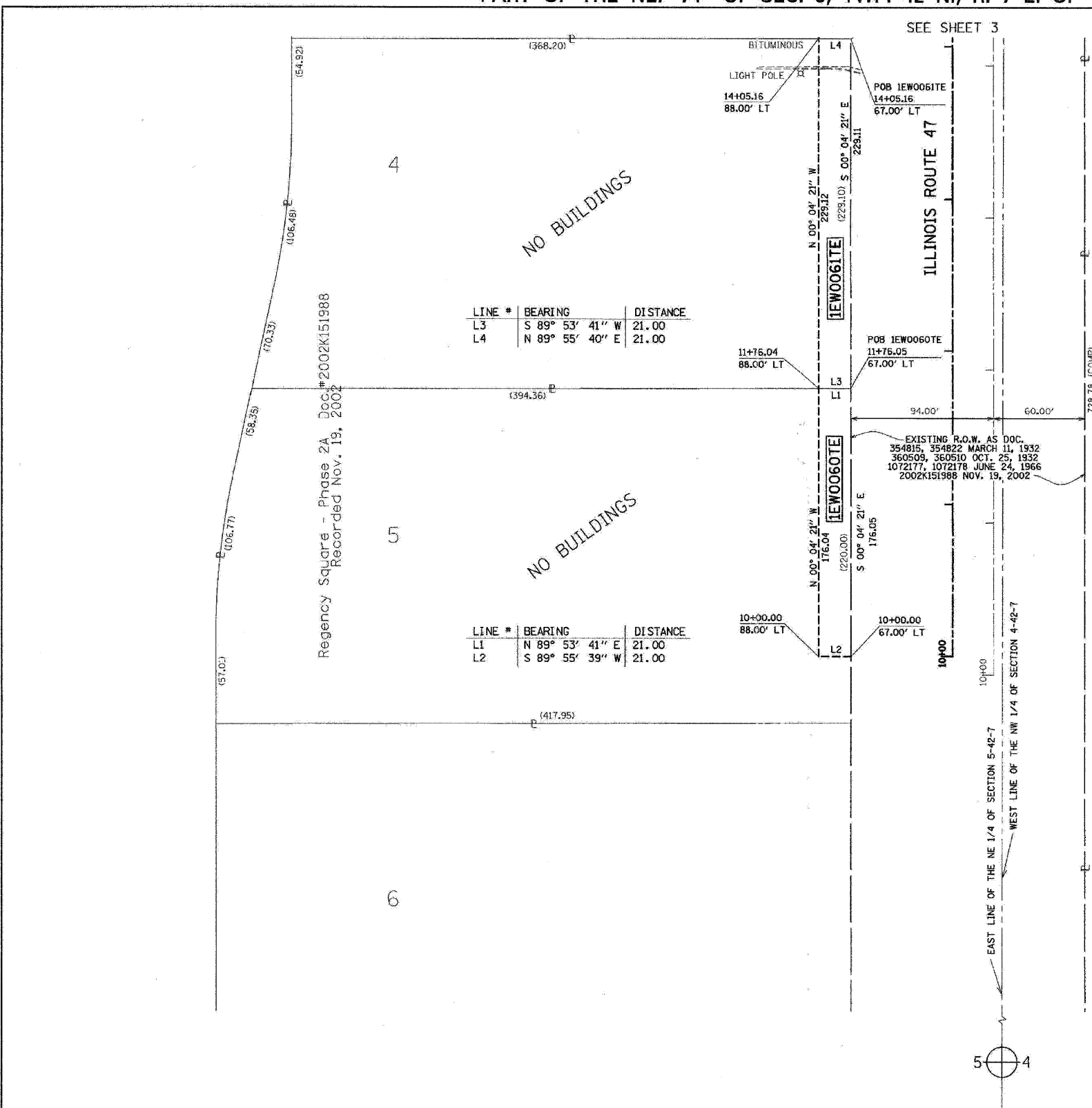
- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999968.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION

**ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS**

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY KANE
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 5 T 42 , R 7 OF 3rd P.M.
STA 10+00 TO STA 14+05
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 2 OF XX



LINE #	BEARING	DISTANCE
L3	S 89° 53' 41" W	21.00
L4	N 89° 55' 40" E	21.00

LINE #	BEARING	DISTANCE
L1	N 89° 53' 41" E	21.00
L2	S 89° 55' 39" W	21.00

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES/SQ FT.	ACRES/SQ FT.	ACRES	ACRES/SQ FT.			
1EWO060TE	STANDARD BANK & TRUST COMPANY, AS TRUSTEE, TRUST NO. 17383	2.079	N/A	N/A	N/A	2.079	0.085	N/A	CONSTRUCTION 02-05-235-005
1EWO061TE	STANDARD BANK & TRUST COMPANY, AS TRUSTEE, TRUST NO. 17383	1.976	N/A	N/A	N/A	1.976	0.110	N/A	CONSTRUCTION 02-05-235-004

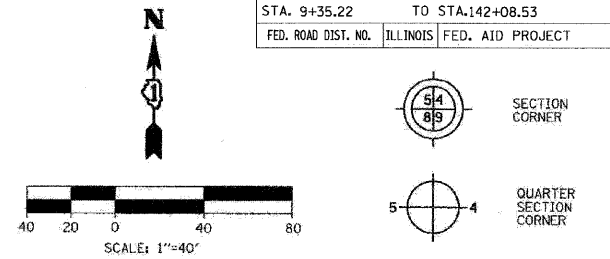
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PLOT SCALE = 1:1
USER NAME = 3939

PART OF THE NE. 1/4 OF SEC. 5 AND PART OF THE NW. 1/4 OF SEC. 4, TWP. 42 N., R. 7 E. OF THE 3rd P.M. IN KANE COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	212
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OT2
- OT3
- OB1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT3
- STAKING OF PROPOSED RIGHT OF WAY, SET IDENTIFICATION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF DU PAGE)

THIS IS TO CERTIFY THAT I, HAROLD C. WESTPHAL, JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold C. Westphal, Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-0910
Chicago Area Professional Engineers #18088376

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

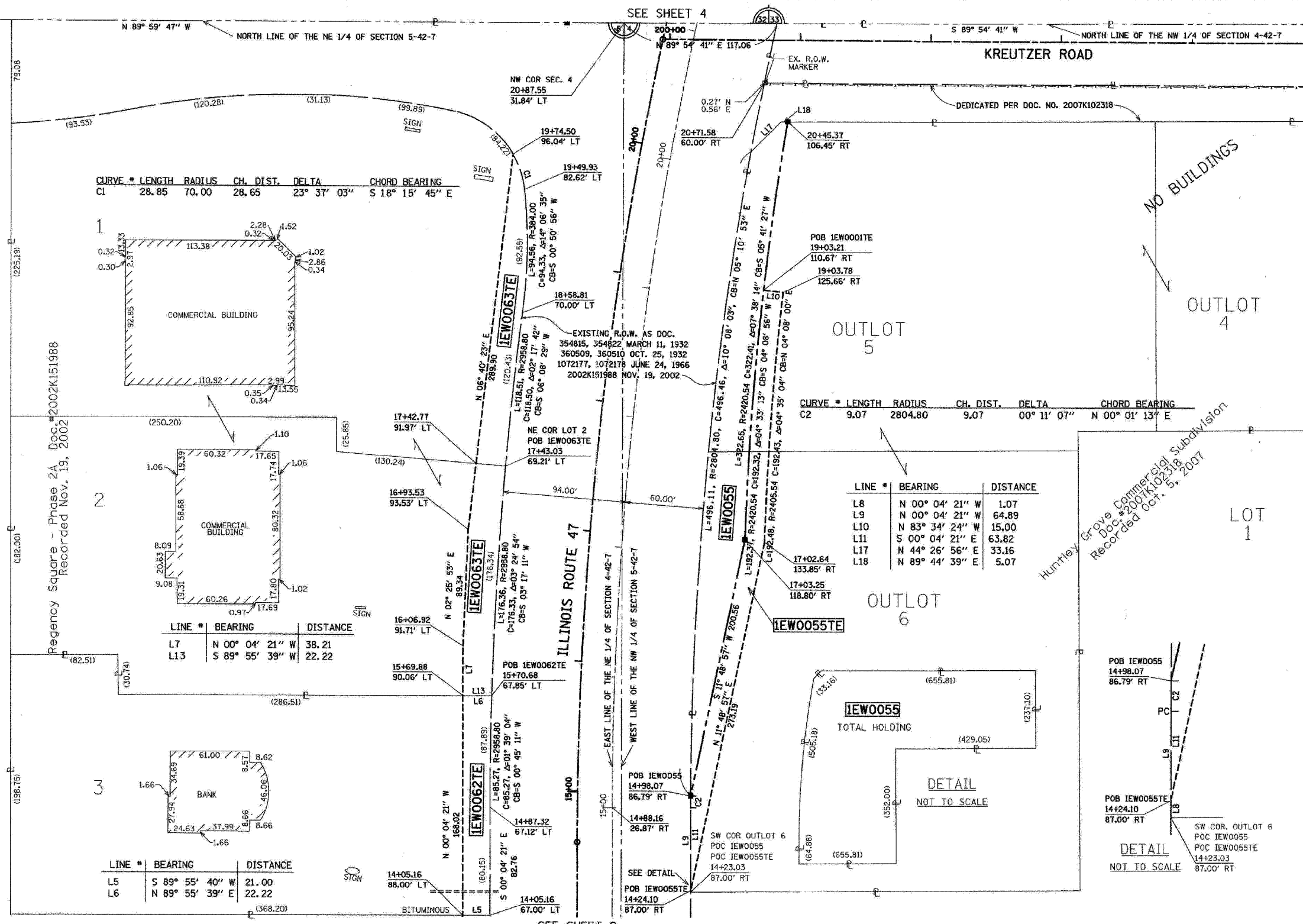
SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
12-11-07	ADD PAR. 55	
12-11-07	REV. PAR. 63	
12-11-07	REV. PAR. 1	
01-17-08	REMOVE PAR. 1	
02-19-08	REV 62 OWNER	

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY KANE
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 4 & 5 T 42, R 7 OF 3rd P.M.
STA 14+05 TO STA 20+95
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 3 OF XX

RECEIVED
FEB 20 2008
PLATS & LEGALS



LINE #	BEARING	DISTANCE
L8	N 00° 04' 21" W	1.07
L9	N 00° 04' 21" W	64.89
L10	N 83° 34' 24" W	15.00
L11	S 00° 04' 21" E	63.82
L17	N 44° 26' 56" E	33.16
L18	N 89° 44' 39" E	5.07

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C2	9.07	2804.80	9.07	00° 11' 07"	N 00° 01' 13" E

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C1	28.85	70.00	28.65	23° 37' 03"	S 18° 15' 45" E

LINE #	BEARING	DISTANCE
L7	N 00° 04' 21" W	38.21
L13	S 89° 55' 39" W	22.22

LINE #	BEARING	DISTANCE
L5	S 89° 55' 40" W	21.00
L6	N 89° 55' 39" E	22.22

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES SQ FT	ACRES SQ FT	ACRES	ACRES SQ FT			
1EW0055	TDC HUNTLEY, L.L.C.	6.161	0.285	N/A	N/A	N/A	N/A	02-04-100-003 (PART)	
1EW0055TE			N/A	N/A	N/A	5.876	0.148		
1EW0062TE	JPMORGAN CHASE BANK, NATIONAL ASSOCIATION	1.479	N/A	N/A	N/A	1.479	0.082	N/A	CONSTRUCTION
1EW0063TE	ROUTE 47 & KREUTZER, L.L.C.	3.912	N/A	N/A	N/A	3.912	0.200	N/A	CONSTRUCTION

COORDINATES			
Station	Offset	North	East
14+98.07	86.79 RT	1998208.854	957428.244
17+03.25	118.80 RT	1998405.160	957469.311
20+45.37	83.50 RT	1998725.982	957501.150

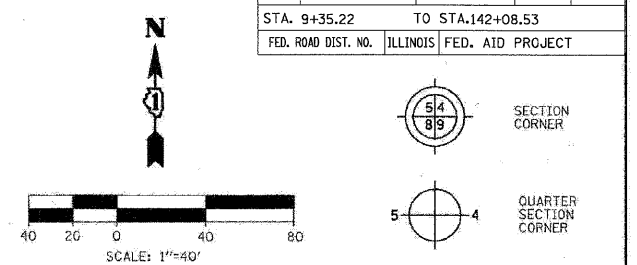
PLOT DATE = 1/24/08
FILE NAME = 02-05-235-001-002.dwg
PLOT SCALE = 1:1
USER NAME = 3838

PART OF THE SE. 1/4 OF SEC. 32 AND PART OF THE SW. 1/4 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	213
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

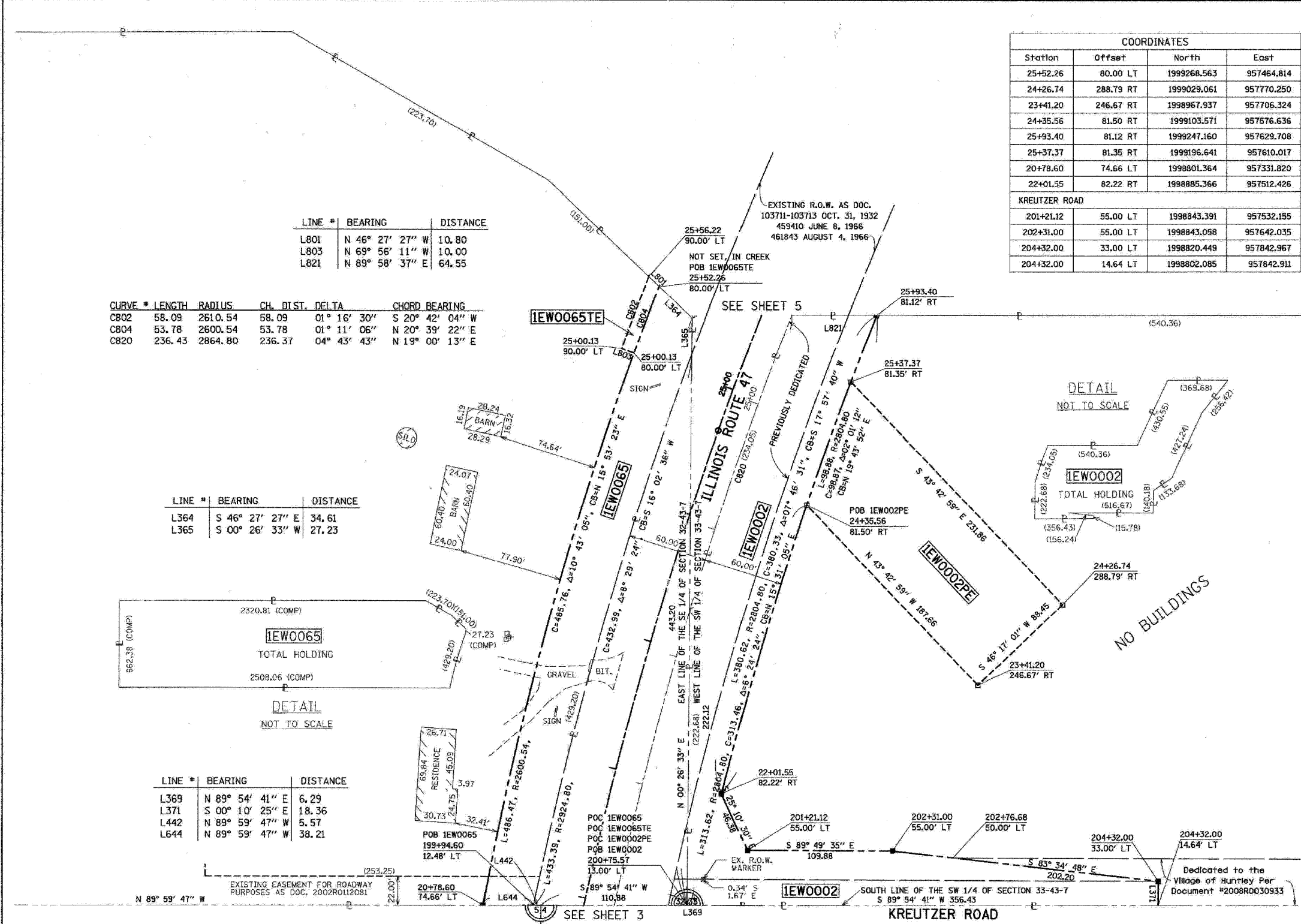
COORDINATES			
Station	Offset	North	East
25+52.26	80.00 LT	1999268.563	957464.814
24+26.74	288.79 RT	1999029.061	957706.250
23+41.20	246.67 RT	1998967.937	957706.324
24+35.56	81.50 RT	1999103.571	957576.636
25+93.40	81.12 RT	1999247.160	957629.708
25+37.37	81.35 RT	1999196.641	957610.017
20+78.60	74.66 LT	1998801.364	957331.820
22+01.55	82.22 RT	1998885.366	957512.426
KREUTZER ROAD			
201+21.12	55.00 LT	1998843.391	957532.155
202+31.00	55.00 LT	1998843.058	957642.035
204+32.00	33.00 LT	1998820.449	957842.967
204+32.00	14.64 LT	1998802.085	957842.911

LINE #	BEARING	DISTANCE
L801	N 46° 27' 27" W	10.80
L803	N 69° 56' 11" W	10.00
L821	N 89° 58' 37" E	64.55

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C802	58.09	2610.54	58.09	01° 16' 30"	S 20° 42' 04" W
C804	53.78	2600.54	53.78	01° 11' 06"	N 20° 39' 22" E
C820	236.43	2864.80	236.37	04° 43' 43"	N 19° 00' 13" E

LINE #	BEARING	DISTANCE
L364	S 46° 27' 27" E	34.61
L365	S 00° 26' 33" W	27.23

LINE #	BEARING	DISTANCE
L369	N 89° 54' 41" E	6.29
L371	S 00° 10' 25" E	18.36
L442	N 89° 59' 47" W	5.57
L644	N 89° 59' 47" W	38.21



- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + OUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold C Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-0000 FAX (630) 894-4910
Illinois Professional Registration #12600276

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION	ILLINOIS DEPT. OF TRANSPORTATION
01-29-08		REMOVE POC'S FOR PARCEL 66	ROUTE FAP 326 (IL 47)
01-22-09		ADD EASEMENT TO PARCEL 65	SECTION REED RD. TO KREUTZER RD.
01-22-09		ADD DEDICATION TO PARCEL 2	COUNTY McHENRY
			JOB# R-91-018-01 PROJECT# R-91-018-01
			SEC 32 & 33 T 43, R 7 OF 3rd P.M.
			STA 20+95 TO STA 25+60
			DRAWN JR CHECKED HCW
			SCALE: 1"=40' SHEET NO. 4 OF XX

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA		PREVIOUSLY DEDICATED		REMAINDER AREA	EASEMENT AREA		PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	SQ FT.	ACRES	SQ FT.	ACRES	ACRES	SQ FT.			
IEW0002	HARRIS BANK AS TRUSTEE, TRUST NO. 11-4039	10.502	0.784	N/A	0.450	N/A	9.718	N/A	N/A	N/A	18-33-352-008	
IEW0002PE			N/A	N/A	N/A	N/A		0.427	N/A	CONSTRUCTION	18-33-352-009	
IEW0065	HARRIS, N.A.	38.361	0.433	N/A	N/A	N/A	37.928	N/A	N/A	N/A	18-32-400-004	
IEW0065TE	AS TRUSTEE, TRUST NO. 4365		N/A	N/A	N/A	N/A		0.013	N/A	CONSTRUCTION		

RECEIVED
JAN 28 2009
PLATS & LEGALS

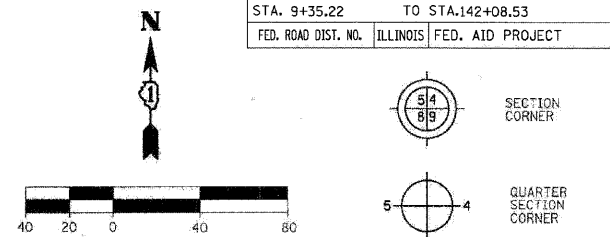
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PLOT SCALE = 1:1
USER NAME = 3839

PART OF THE SE. 1/4 OF SEC. 32 AND PART OF THE SW. 1/4 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN MCHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	214
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
---	QUARTER SECTION LINE
---	QUARTER SECTION LINE
---	PLATTED LOT LINE
---	PROPERTY (DEED) LINE
---	APPARENT PROPERTY LINE
---	EXISTING CENTERLINE
---	EXISTING RIGHT OF WAY LINE
---	PROPOSED CENTERLINE
---	PROPOSED RIGHT OF WAY LINE
---	PROPOSED EASEMENT LINE
---	MEASURED DIMENSION
---	COMPUTED DIMENSION
---	RECORDED DIMENSION

EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OB1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
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- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF DU PAGE)

THIS IS TO CERTIFY THAT I, HAROLD C. WESTPHAL, JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

RECEIVED
OCT 29 2008
PLATS & LEGALS

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Dodge File Professional Registration #0602376

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
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 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
	12-11-07	REV PAR 3, 66
	01-29-08	ADD POC'S FOR PARCEL 66
	10-29-08	ADD L820

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY MCHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 32 & 33 T 43, R 7 OF 3rd P.M.
STA 25+60 TO STA 33+60
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 5 OF XX

LINE #	BEARING	DISTANCE
L15	N 56° 30' 12" W	10.00
L16	N 33° 29' 48" E	51.87
L24	S 33° 29' 48" W	51.98

LINE #	BEARING	DISTANCE
L815	S 89° 58' 37" W	69.57
L818	S 89° 58' 37" W	64.55
L819	N 89° 58' 37" E	69.57
L820	N 89° 58' 37" E	259.14

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C814	85.58	2804.80	85.58	01° 44' 54"	S 31° 37' 12" W
C816	123.01	2864.80	123.00	02° 27' 37"	N 31° 15' 51" E

Station	Offset	North	East
25+52.26	80.00 LT	1999268.563	957464.814
25+93.40	81.12 RT	1999247.160	957629.708
26+47.43	70.00 LT	1999355.408	957511.295
26+00.16	80.00 LT	1999314.451	957483.162
27+00.16	60.00 LT	1999400.751	957542.440
30+42.80	73.54 RT	1999637.235	957822.473
31+48.31	60.00 LT	1999798.753	957769.496

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES SQ FT.	ACRES SQ FT.	ACRES	ACRES SQ FT.			
1EWO003DED	FREUND REAL ESTATES, L.L.C.	10.758	0.783	N/A	0.522	N/A	N/A	18-33-352-001 18-33-352-006 18-33-352-007	
1EWO059	FIRST NATIONAL BANK AND TRUST COMPANY OF BARRINGTON, TRUST NO. J1-1209	4.889	0.598	N/A	0.399	N/A	N/A	18-33-352-002	
1EWO066		105.361	0.407	N/A	N/A	N/A	N/A	18-33-351-001	
1EWO066TE-A	J. JIREH'S CORPORATION		N/A	N/A	N/A	0.124	N/A	18-33-301-008	
1EWO066TE-D			N/A	N/A	N/A	0.011	N/A	18-32-400-002,003	

SOUTH LINE SE 1/4 SECTION 32-43-7 SOUTH LINE SW 1/4 SECTION 33-43-7

PART OF THE NW. 1/4 OF THE SW. 1/4 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

COORDINATES			
Station	Offset	North	East
36+07.03	60.00 RT	2000119.997	958121.679
34+99.66	63.50 LT	2000088.421	957961.197
34+47.77	60.00 RT	1999979.214	958038.741

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C63	137.98	2351.80	137.96	03° 21' 42"	N 30° 11' 36" E
C813	163.43	2351.80	163.40	03° 58' 54"	S 30° 30' 12" W
C817	126.51	2291.80	126.49	03° 09' 46"	N 30° 54' 47" E

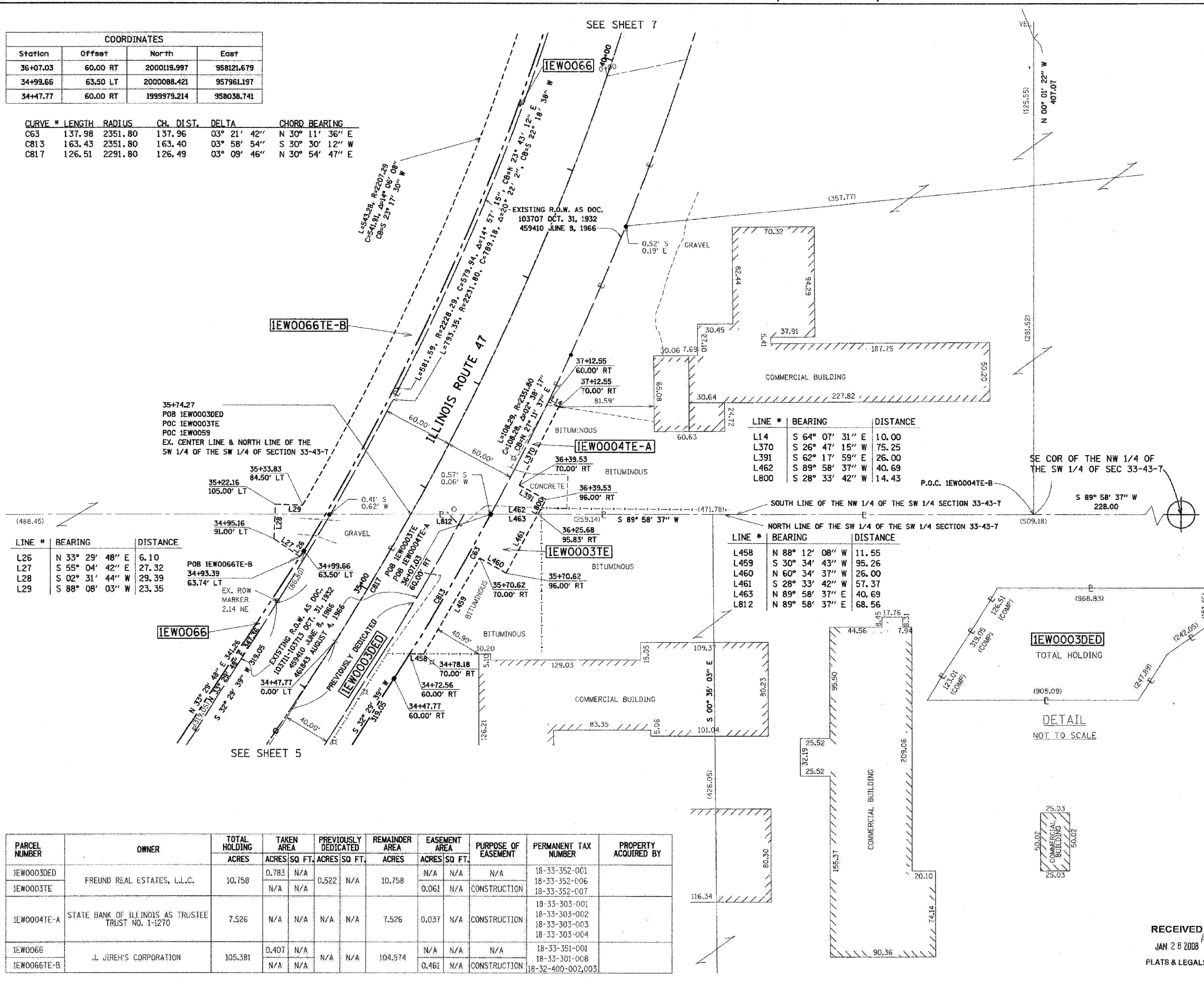
LEGEND

Scale: 1"=40'

Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

SECTION LINE	---
QUARTER SECTION LINE	- - - -
QUARTER, QUARTER SECTION LINE	- · - · -
PLATTED LOT LINE	---
PROPERTY (DEED) LINE	---
APPEARANT PROPERTY LINE	---
EXISTING CENTERLINE	---
EXISTING RIGHT OF WAY LINE	---
PROPOSED CENTERLINE	---
PROPOSED RIGHT OF WAY LINE	---
PROPOSED EASEMENT LINE	---
MEASURED DIMENSION	123.45
COMPUTED DIMENSION	123.45 (COMP)
RECORDED DIMENSION	123.45
EXISTING BUILDING	[Hatched Box]

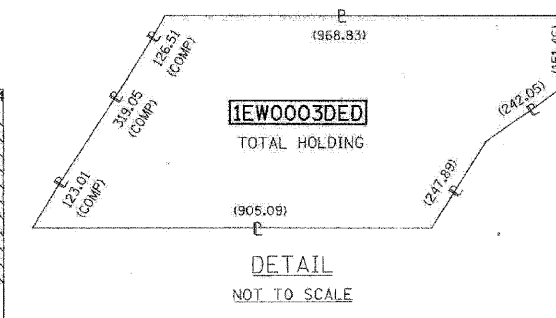
- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY.
- SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS.
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- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



LINE #	BEARING	DISTANCE
L26	N 33° 29' 48" E	6.10
L27	S 55° 04' 42" E	27.32
L28	S 02° 31' 44" W	29.39
L29	S 88° 08' 03" W	23.35

LINE #	BEARING	DISTANCE
L14	S 64° 07' 31" E	10.00
L370	S 26° 47' 15" W	75.25
L391	S 62° 17' 59" E	26.00
L462	S 89° 58' 37" W	40.69
L800	S 28° 33' 42" W	14.43

LINE #	BEARING	DISTANCE
L458	N 88° 12' 08" W	11.55
L459	S 30° 34' 43" W	95.26
L460	N 60° 34' 37" W	26.00
L461	S 28° 33' 42" W	57.37
L463	N 89° 58' 37" E	40.69
L812	N 89° 58' 37" E	68.56



PARCEL NUMBER	OWNER	TOTAL HOLDING		TAKEN AREA		PREVIOUSLY DEDICATED		REMAINDER AREA		EASEMENT AREA		PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.			
IEW0003DE	FREUND REAL ESTATES, L.L.C.	10.758	0.783	N/A	0.522	N/A	10.758	N/A	N/A	N/A	N/A	18-33-352-001 18-33-352-006 18-33-352-007		
IEW0003TE			N/A	N/A				0.061	N/A	CONSTRUCTION	18-33-303-001 18-33-303-002 18-33-303-003 18-33-303-004			
IEW0004TE-A	STATE BANK OF ILLINOIS AS TRUSTEE TRUST NO. 1-1270	7.526	N/A	N/A	N/A	7.526	0.037	N/A	CONSTRUCTION	18-33-351-001 18-33-301-008 18-32-400-002,003				
IEW0066	J. JIREH'S CORPORATION	105.381	0.407	N/A	N/A	104.974	N/A	N/A	N/A	N/A				
IEW0066TE-B			N/A	N/A			0.461	N/A	CONSTRUCTION					

STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 43 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Design Firm Professional Registration #18402376

SURVEYOR NOTE:
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2. COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
3. BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

DATE	REVISION	DESCRIPTION
12-11-07	REV PAR 3&66	
01-17-08	REV 0066TE-B	
01-17-08	REV IEW0003TE	
01-17-08	REV 0004TE-A	

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY

JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 33 T 43, R 7 OF 3rd P.M.
STA 33+60 TO STA 40+25
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 6 OF XX

RECEIVED
JAN 28 2008
PLATS & LEGALS

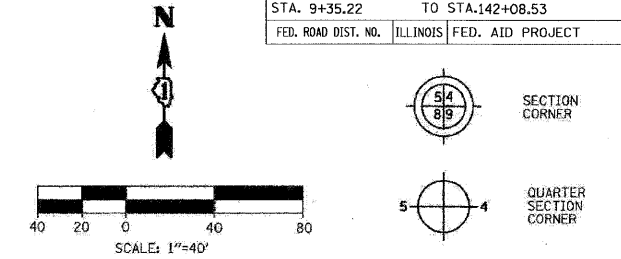
PLOT DATE: Wednesday, August 08, 2007
FILE NAME: S:\11-CADD\01-11-07\11-215.plt
PLOT SCALE: 1"=40'
USER NAME: J. JIREH

PART OF THE NW 1/4 OF THE SW 1/4 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	216
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
---	QUARTER SECTION LINE
---	PLATTED LOT LINE
---	PROPERTY (DEED) LINE
---	APPARENT PROPERTY LINE
---	EXISTING CENTERLINE
---	EXISTING RIGHT OF WAY LINE
---	PROPOSED CENTERLINE
---	PROPOSED RIGHT OF WAY LINE
---	PROPOSED EASEMENT LINE
---	MEASURED DIMENSION
---	COMPUTED DIMENSION
---	RECORDED DIMENSION
---	EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OT2 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS FAR AS TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold C Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4010
Design Firm Professional Registration #18000079

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

DATE	REVISION	DESCRIPTION
12-11-07	REV PAR 4, 66	
01-17-08	REV 1EW0005	
01-17-08	ADD 1EW0006	
01-17-08	REV 0066TE-C	
05-01-08	REV 5 OWNER	

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY

JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 33 T 43, R 7 OF 3rd P.M.
STA 40+25 TO STA 44+26
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 7 OF XX

LINE #	BEARING	DISTANCE
L32	N 74° 48' 56" W	20.00
L408	N 00° 06' 29" W	13.92
L432	N 50° 07' 13" E	44.78
L433	S 87° 53' 38" E	9.38
L434	S 02° 05' 56" W	15.33
L435	N 88° 38' 27" W	15.53
L437	S 42° 52' 13" E	16.48
L438	S 18° 04' 31" W	20.59
L439	S 71° 10' 38" W	12.28
L440	S 46° 04' 33" W	54.29
L441	N 42° 02' 02" W	21.18
L442	N 54° 51' 49" E	34.88
L454	S 00° 06' 29" E	50.28
L455	N 47° 16' 28" W	36.27
L456	S 74° 48' 56" E	40.11
L457	S 46° 13' 55" W	27.21

DETAIL NOT TO SCALE

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C9	61.58	2351.80	61.58	01° 30' 01"	N 14° 26' 02" E
C83	81.31	2351.80	81.30	01° 58' 51"	N 16° 10' 28" E

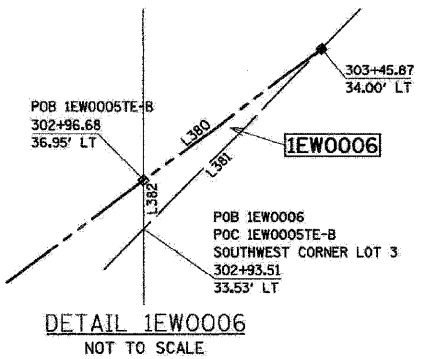
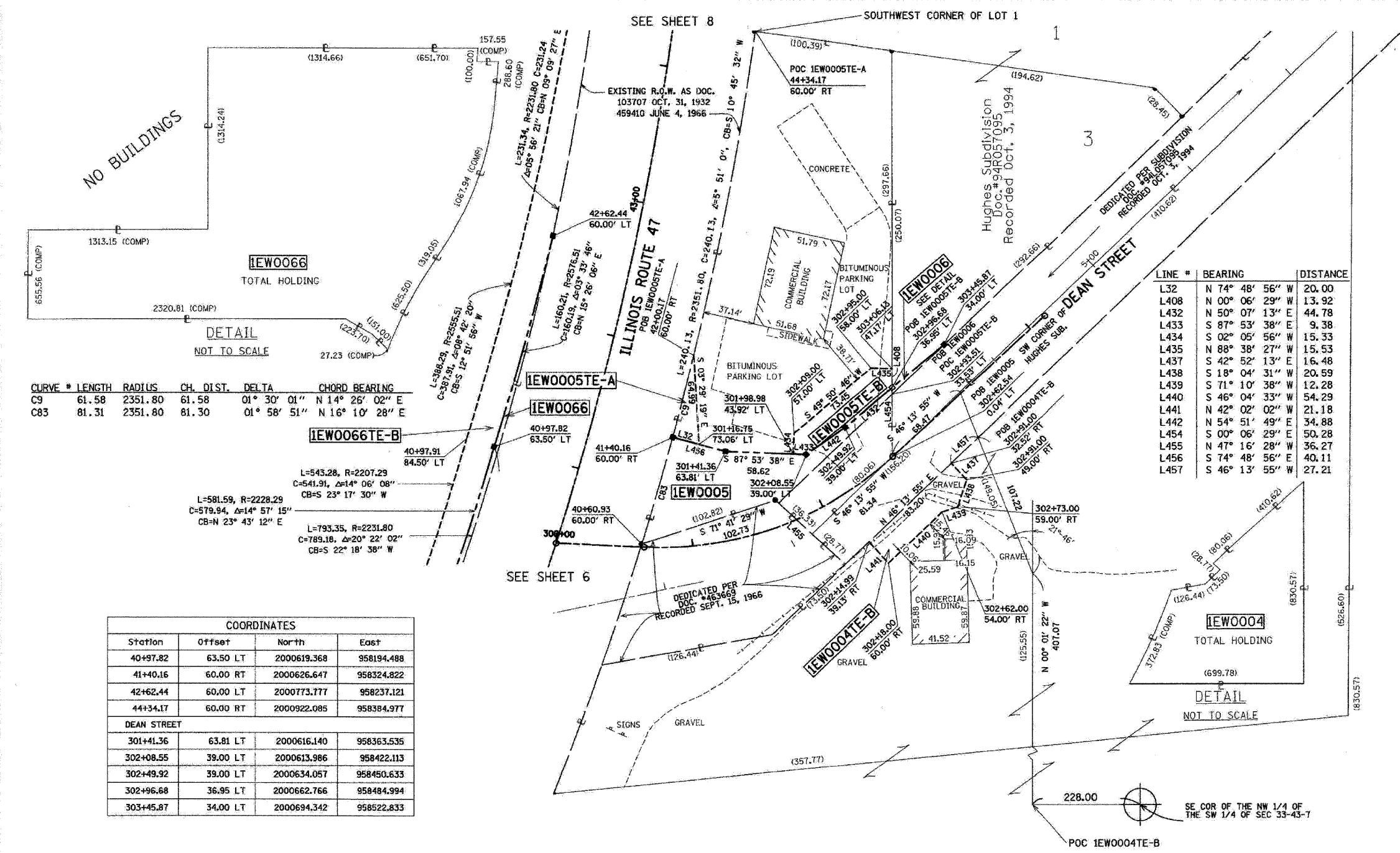
1EW0066TE-B
 L=543.28, R=2207.29
 C=541.91, Δ=14° 06' 08"
 CB=S 23° 17' 30" W

 L=581.59, R=2228.29
 C=579.94, Δ=14° 57' 15"
 CB=N 23° 43' 12" E

 L=793.35, R=2231.80
 C=789.18, Δ=20° 22' 02"
 CB=S 22° 18' 38" W

COORDINATES

Station	Offset	North	East
40+97.82	63.50 LT	2000619.368	958194.488
41+40.16	60.00 RT	2000626.647	958324.822
42+62.44	60.00 LT	2000773.777	958237.121
44+34.17	60.00 RT	2000922.085	958384.977
DEAN STREET			
301+41.36	63.81 LT	2000616.140	958363.535
302+08.55	39.00 LT	2000613.986	958422.113
302+49.92	39.00 LT	2000634.057	958450.633
302+96.68	36.95 LT	2000662.766	958484.994
303+45.87	34.00 LT	2000694.342	958522.833



LINE #	BEARING	DISTANCE
L380	N 50° 09' 22" E	49.28
L381	S 46° 13' 55" W	52.39
L382	N 00° 06' 29" W	4.66

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES SQ FT.	ACRES SQ FT.	ACRES	ACRES SQ FT.			
1EW0004TE-B	STATE BANK OF ILLINOIS AS TRUSTEE, TRUST NO.1-1270	7.526	N/A	N/A	7.526	0.041	N/A	CONSTRUCTION	18-33-303-001 18-33-303-002 18-33-303-003 18-33-303-004
1EW0005	FIREHOUSE PROPERTIES	1.053	0.206	N/A	N/A	N/A	N/A	N/A	18-33-302-001
1EW0005TE-A			N/A	N/A	N/A	0.847	0.014	N/A	
1EW0005TE-B						0.040	N/A	CONSTRUCTION	
1EW0006	FIRST NATIONAL BANK OF MARENGO	4.555	0.002	88	N/A	N/A	N/A	N/A	18-33-302-004,005
1EW0006TE			N/A	N/A	N/A	4.553	0.007	301	
1EW0066	J. JIREH'S CORPORATION	105.381	0.407	N/A	N/A	N/A	N/A	N/A	18-33-351-001 18-33-301-008
1EW0066TE-B			N/A	N/A	N/A	104.974	0.461	N/A	CONSTRUCTION

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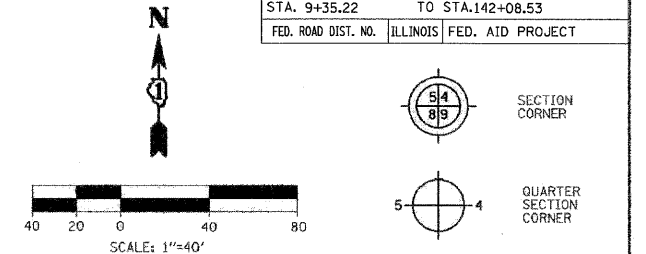
RECEIVED
MAY 05 2009
PLATS & LEGALS

PART OF THE NW. 14 OF THE SW. 14 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	217
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
---	QUARTER SECTION LINE
---	QUARTER, QUARTER SECTION LINE
---	PLATTED LOT LINE
---	PROPERTY (DEED) LINE
---	APL
---	APPARENT PROPERTY LINE
---	EXISTING CENTERLINE
---	EXISTING RIGHT OF WAY LINE
---	PROPOSED CENTERLINE
---	PROPOSED RIGHT OF WAY LINE
---	PROPOSED EASEMENT LINE
---	MEASURED DIMENSION
---	COMPUTED DIMENSION
---	RECORDED DIMENSION
---	EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- +
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- T2
- T3
- B11 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- B12
- B13 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

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DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.



Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 532-8000 FAX (630) 594-9110
Design Firm Professional Registration #18-000275

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
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 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
12-11-07	REV	PARCEL 6
01-17-08	ADD	1EW0006
01-17-08	REV	0066TE-B
03-25-08	REV	1EW0006

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 33 T 43, R 7 OF 3rd P.M.
STA 44+26 TO STA 49+38
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 8 OF XX

RECEIVED
MAR 25 2008
PLATS & LEGALS

COORDINATES			
Station	Offset	North	East
48+33.02	60.00 LT	2001332.579	958303.710
49+33.02	60.00 LT	2001432.187	958312.560

LINE #	BEARING	DISTANCE
L31	N 83° 48' 43" W	13.28
L376	N 05° 04' 39" E	39.59
L377	S 05° 04' 39" W	39.86
L378	N 89° 59' 41" E	3.01
L379	N 84° 55' 21" W	3.00
L808	S 05° 04' 39" W	100.00
L809	S 89° 59' 41" W	60.24
L810	N 05° 04' 39" E	100.00
L811	N 89° 59' 41" E	60.24

LINE #	BEARING	DISTANCE
L34	N 05° 04' 39" E	25.13
L35	S 84° 45' 51" E	12.00
L36	S 05° 04' 39" W	25.09
L37	N 84° 55' 21" W	12.00
L38	N 05° 04' 39" E	23.87
L39	S 84° 55' 21" E	12.00
L40	S 05° 04' 39" W	23.91
L41	N 84° 45' 51" W	12.00

PARCEL NUMBER	OWNER	TOTAL HOLDING		TAKEN AREA		PREVIOUSLY DEDICATED		REMAINDER AREA		EASEMENT AREA		PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.			
1EW0006	CASTLE BANK, NATIONAL ASSOCIATION	4.555	0.002	88	N/A	N/A	4.553	N/A	N/A	N/A	N/A	CONSTRUCTION	18-33-302-004,005	
1EW0006TE	NIMED CORPORATION	1.273	N/A	N/A	N/A	N/A	1.273	0.007	301	CONSTRUCTION	18-33-302-003			
1EW0066TE-B	J. JIREH'S CORPORATION	105.381	N/A	N/A	0.092	N/A	104.974	0.461	N/A	CONSTRUCTION	18-33-351-001 18-33-301-008 18-32-400-002,003			
1EW0067	DAVID B. BUNGE	0.500	0.138	N/A	0.092	N/A	0.362	N/A	N/A	N/A	N/A	CONSTRUCTION	18-33-301-004	
1EW0067TE			N/A	N/A				0.003	119	CONSTRUCTION				

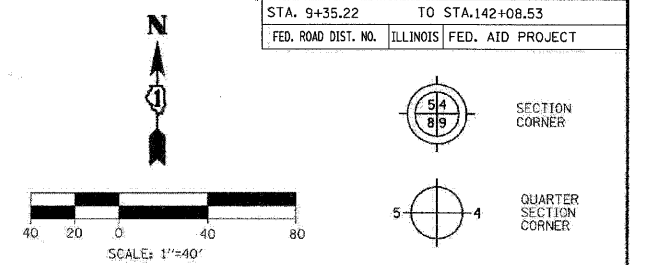
PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\11-INT\11-INT.plt\11.dgn
USER = 3839

PART OF THE SW. 1/4 OF THE NW. 1/4 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	218
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND



Bearings are referenced to the Illinois State Plane Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- 123.45 COMPUTED DIMENSION
- 123.45(123.45) RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T1 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE.
- T2 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- T3
- OB1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- B12 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- B13
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STATE OF ILLINOIS)
 COUNTY OF DU PAGE) SS

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DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

HAROLD C WESTPHAL JR.
 036-001973 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
 ROSELLE, ILLINOIS

Harold C Westphal Jr.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
 EXPIRES NOVEMBER 30, 2008

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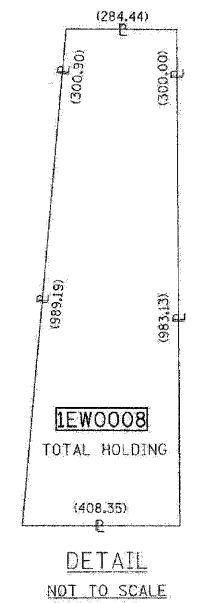
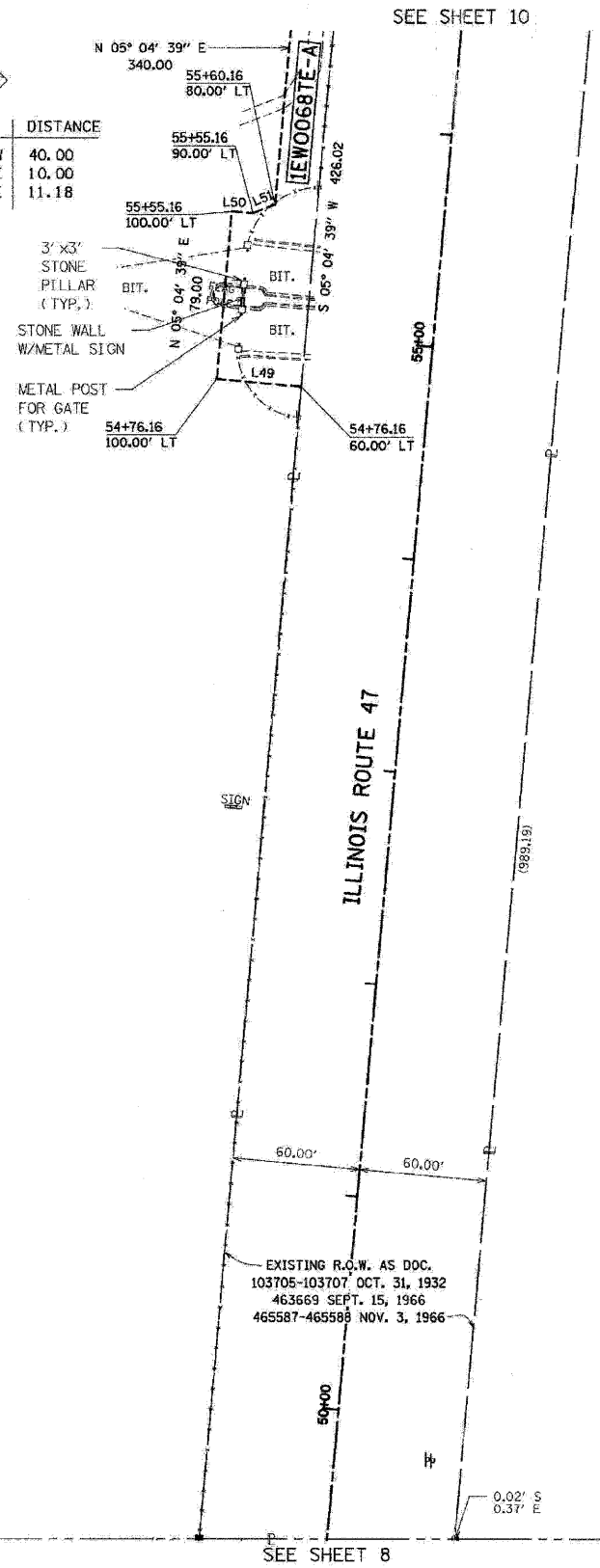
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SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION		ILLINOIS DEPT. OF TRANSPORTATION	
DATE	DESCRIPTION	PLAT OF HIGHWAYS	
12/18/07	REV PARCEL 68	ROUTE FAP 326 (IL 47) SECTION REED RD. TO KREUTZER RD. COUNTY McHENRY JOB# R-91-018-01 PROJECT# R-91-018-01 SEC 33 T 43, R 7 OF 3rd P.M. STA 49+38 TO STA 56+49 DRAWN JR CHECKED HCW SCALE: 1"=40' SHEET NO. 9 OF XX	

RECEIVED
 DEC 19 2007
 PLATS & LEGALS

LINE #	BEARING	DISTANCE
L49	N 84° 55' 21" W	40.00
L50	S 84° 55' 21" E	10.00
L51	N 68° 30' 45" E	11.18



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES/SQ FT.	PREVIOUSLY DEDICATED ACRES/SQ FT.	REMAINDER AREA ACRES	EASEMENT AREA ACRES/SQ FT.	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EWOOD8TE-A	HUNTLEY PARK DISTRICT	89.232	N/A	N/A	89.232	0.231	N/A	CONSTRUCTION 18-33-151-004 18-32-226-004	

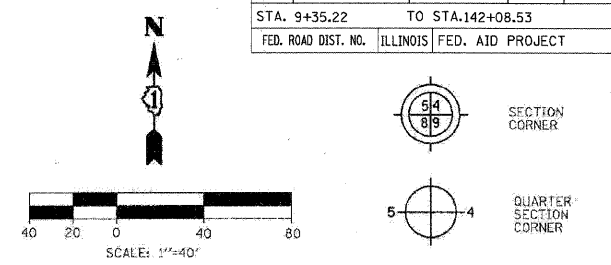
PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\1-CADD\07-INT\218.plt.dgn
 USER NAME = 3838

PART OF THE SW. 1/4 OF THE NW. 1/4 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	219
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
---	QUARTER SECTION LINE
---	QUARTER, QUARTER SECTION LINE
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▨	EXISTING BUILDING

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- + THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- T1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- T2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- T3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE }

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.



Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4916
Data Firm Professional Registration #24002376

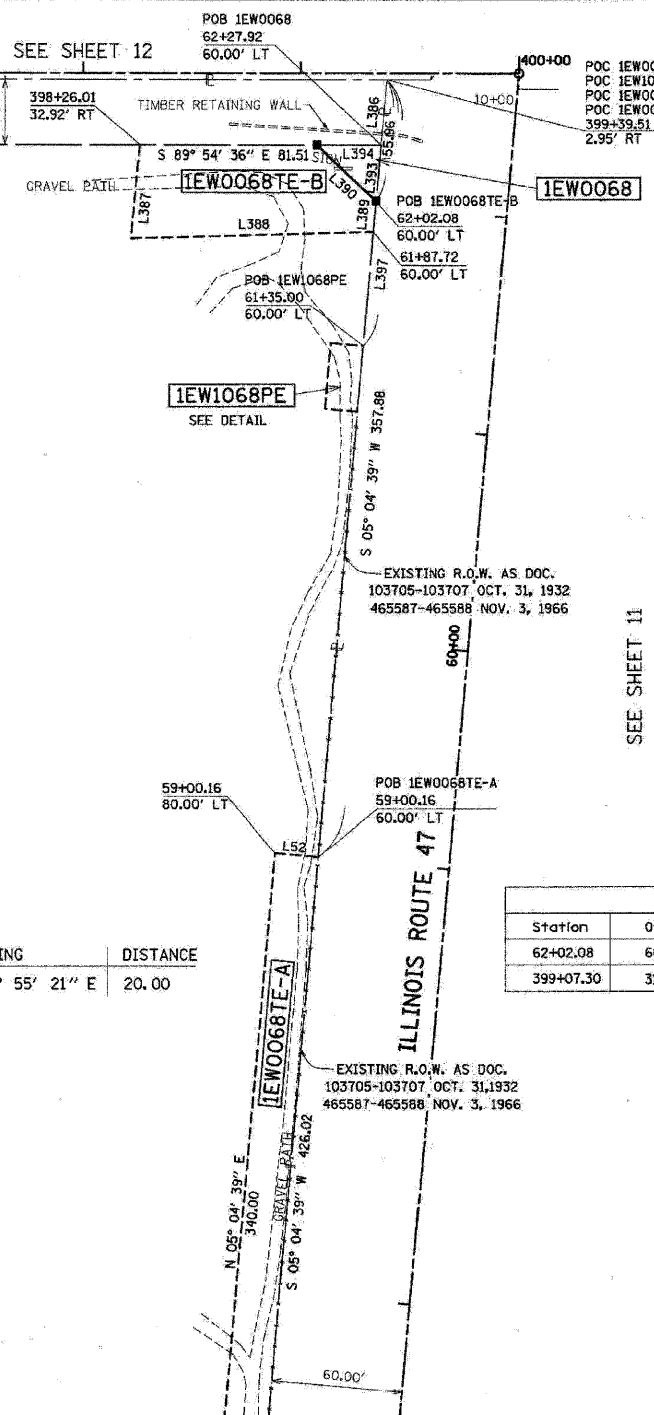
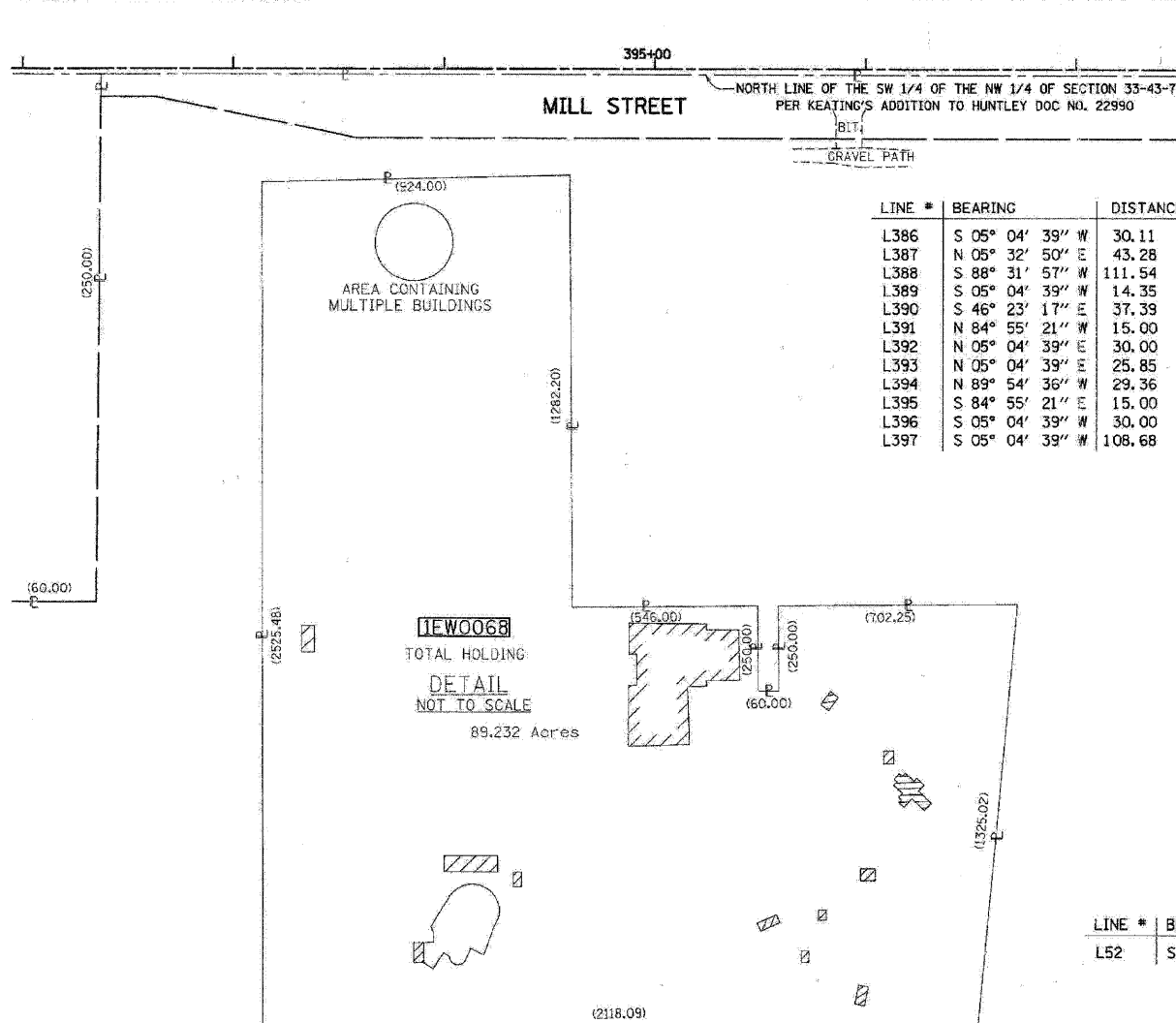
- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999968.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
12-18-07	REV	PARCEL 68
01-17-08	REV	68TE-B
01-17-08	ADD	1EW0068
10-09-08	ADD	1EW0068PE
10-16-08	REV	1EW1068PE

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 33 T 43 . R 7 OF 3rd P.M.
STA 56+49 TO STA 62+66
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 10 OF XX



Station	Offset	North	East
62+02.08	60.00 LT	2002696.264	958424.878
399+07.30	31.95 RT	2002722.057	958397.803

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY					
		ACRES	ACRES SQ. FT.	ACRES SQ. FT.	ACRES	ACRES SQ. FT.								
1EW0068	HUNTLEY PARK DISTRICT	89.232	0.009	378	N/A	N/A	N/A	18-33-151-001						
1EW1068PE			N/A	N/A			0.010			N/A	PERMANENT	18-33-151-004		
1EW0068TE-A			N/A	N/A			N/A			N/A	0.231	N/A	CONSTRUCTION	18-32-276-001
1EW0068TE-B			N/A	N/A			N/A			N/A	0.097	N/A	CONSTRUCTION	

RECEIVED pk
OCT 18 2008
PLATS & LEGALS

SCANNED

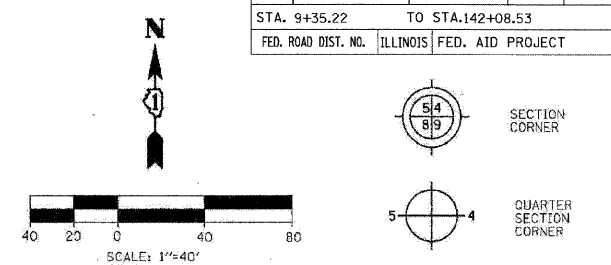
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PLOT SCALE = 1:1
USER NAME = 389

PART OF THE NW. 1/4 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	220
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
---	QUARTER SECTION LINE
---	QUARTER, QUARTER SECTION LINE
---	PLATTED LOT LINE
---	PROPERTY (DEED) LINE
---	APPARENT PROPERTY LINE
---	EXISTING CENTERLINE
---	EXISTING RIGHT OF WAY LINE
---	PROPOSED CENTERLINE
---	PROPOSED RIGHT OF WAY LINE
---	PROPOSED EASEMENT LINE
---	MEASURED DIMENSION
---	COMPUTED DIMENSION
---	RECORDED DIMENSION
---	EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY.
- SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS.
- BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF DU PAGE)

THIS IS TO CERTIFY THAT I, HAROLD C. WESTPHAL, JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 22, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18TH DAY OF JULY, 2007 A.D.

Harold C. Westphal Jr.
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EXPIRES NOVEMBER 30, 2008

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ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Design the Professional Registration #06080376

- SURVEYOR NOTES:
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 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
01-17-08	REV	IEW0010TE
01-17-08	ADD	IEW0012TE
01-17-08	ADD	IEW0021TE
01-30-08	REVISED	
08-08-08	REV	IEW0010TE

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 33 T 43, R 7 OF 3rd P.M.
STA 56+49 TO STA 62+66
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 11 OF XX

LINE #	BEARING	DISTANCE
L415	N 00° 30' 06" W	9.98
L416	S 89° 37' 24" E	35.53
L417	S 00° 04' 27" W	9.79
L418	N 89° 55' 33" W	35.43
L419	N 89° 37' 24" W	3.41
L420	S 89° 37' 24" E	43.00
L421	N 00° 04' 27" E	9.69
L422	N 89° 55' 33" W	43.00
L423	S 00° 04' 27" W	9.47

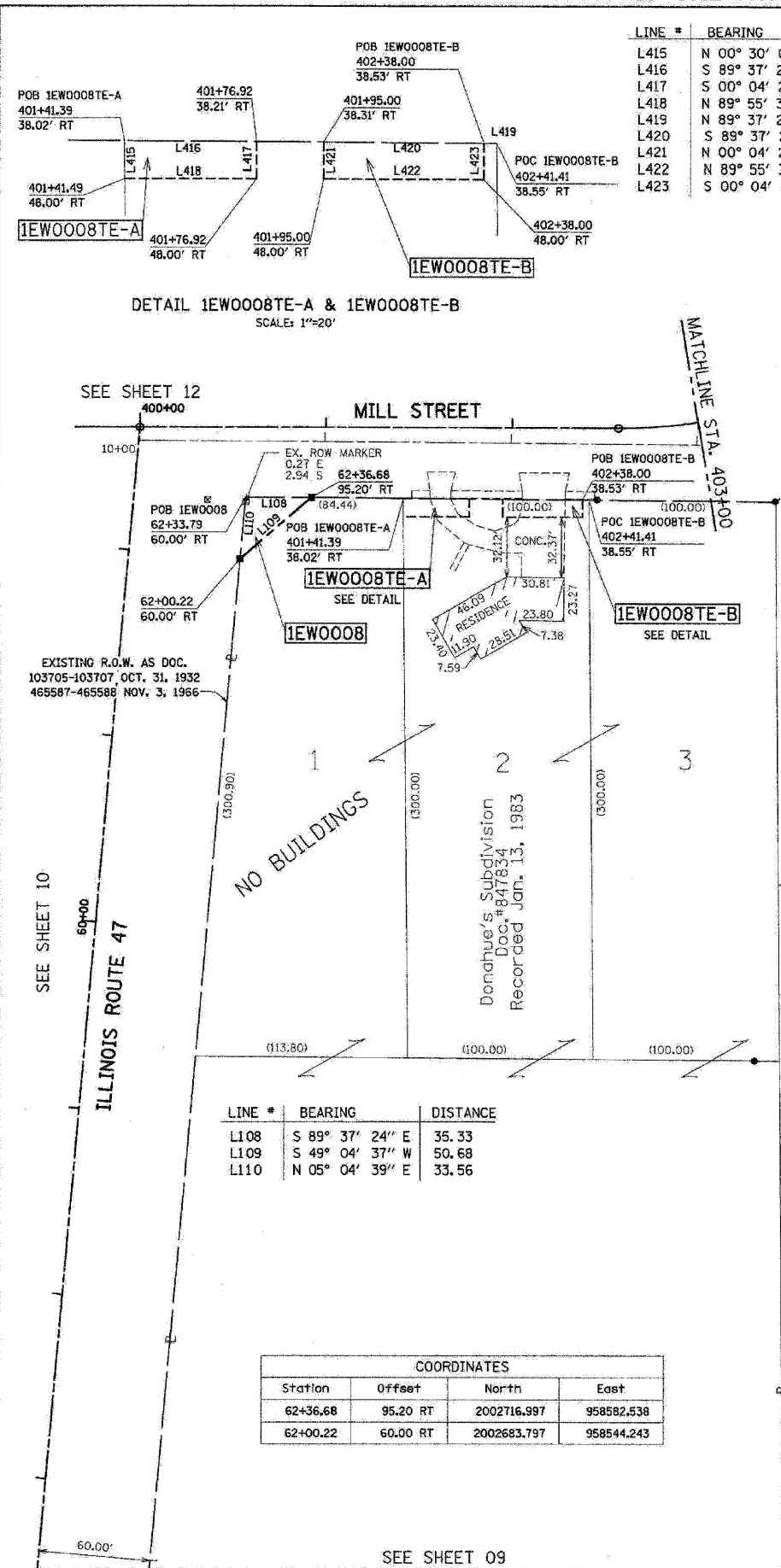
LINE #	BEARING	DISTANCE
L426	N 00° 20' 33" E	45.50
L427	N 36° 45' 58" W	13.35
L428	N 53° 14' 02" E	25.65
L429	S 36° 45' 58" E	14.64
L430	S 56° 06' 26" W	25.68
L431	N 38° 47' 57" W	14.47
L432	N 53° 14' 02" E	20.00
L433	S 36° 45' 58" E	12.99
L434	S 48° 55' 33" W	19.54

LINE #	BEARING	DISTANCE
L108	S 89° 37' 24" E	35.33
L109	S 49° 04' 37" W	50.68
L110	N 05° 04' 39" E	33.56

LINE #	BEARING	DISTANCE
L408	S 37° 30' 56" E	10.85
L409	N 37° 30' 56" W	10.85
L410	S 52° 29' 04" W	27.94
L411	N 52° 29' 04" E	27.94
L412	N 52° 29' 04" E	40.75
L413	S 36° 45' 58" E	10.80
L414	N 53° 14' 02" W	40.61
L585	N 37° 31' 15" W	10.27
L821	S 52° 29' 04" W	24.43

COORDINATES			
Station	Offset	North	East
62+36.68	95.20 RT	2002716.997	958582.538
62+00.22	60.00 RT	2002683.797	958544.243

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
		ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES				SQ. FT.
IEW0008	WAYNE L. & CAROL E. DONAHUE	10.216	0.014	N/A	N/A	N/A	N/A	18-33-176-009		
IEW0008TE-A		N/A	N/A	N/A	N/A	0.008	351	CONSTRUCTION	18-33-176-010	
IEW0008TE-B		N/A	N/A	N/A	N/A	0.009	412	CONSTRUCTION	18-33-176-012	
IEW0010TE	ELIA J. ALEJANDRO	0.250	N/A	N/A	N/A	0.250	0.007	303	CONSTRUCTION	18-33-130-002
IEW0011TE	STEINAR O. AND PENNY S. ANDERSEN	0.250	N/A	N/A	N/A	0.250	0.010	N/A	CONSTRUCTION	18-33-130-003
IEW0012TE	MIKEL G. AND SANDRA K. FAIRCHILD	0.333	N/A	N/A	N/A	0.333	0.008	359	CONSTRUCTION	18-33-106-014
IEW0021TE	JAMES J. AND RITA M. McMAHON IN JOINT TENANCY	0.446	N/A	N/A	N/A	0.446	0.006	271	CONSTRUCTION	18-33-106-015

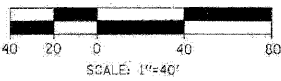


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PLOT SCALE = 1:1
USER NAME = 3839

PART OF THE NW. 14 OF THE NW. 14 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
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- PROPOSED RIGHT OF WAY LINE
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- MEASURED DIMENSION
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EXISTING BUILDING

IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)

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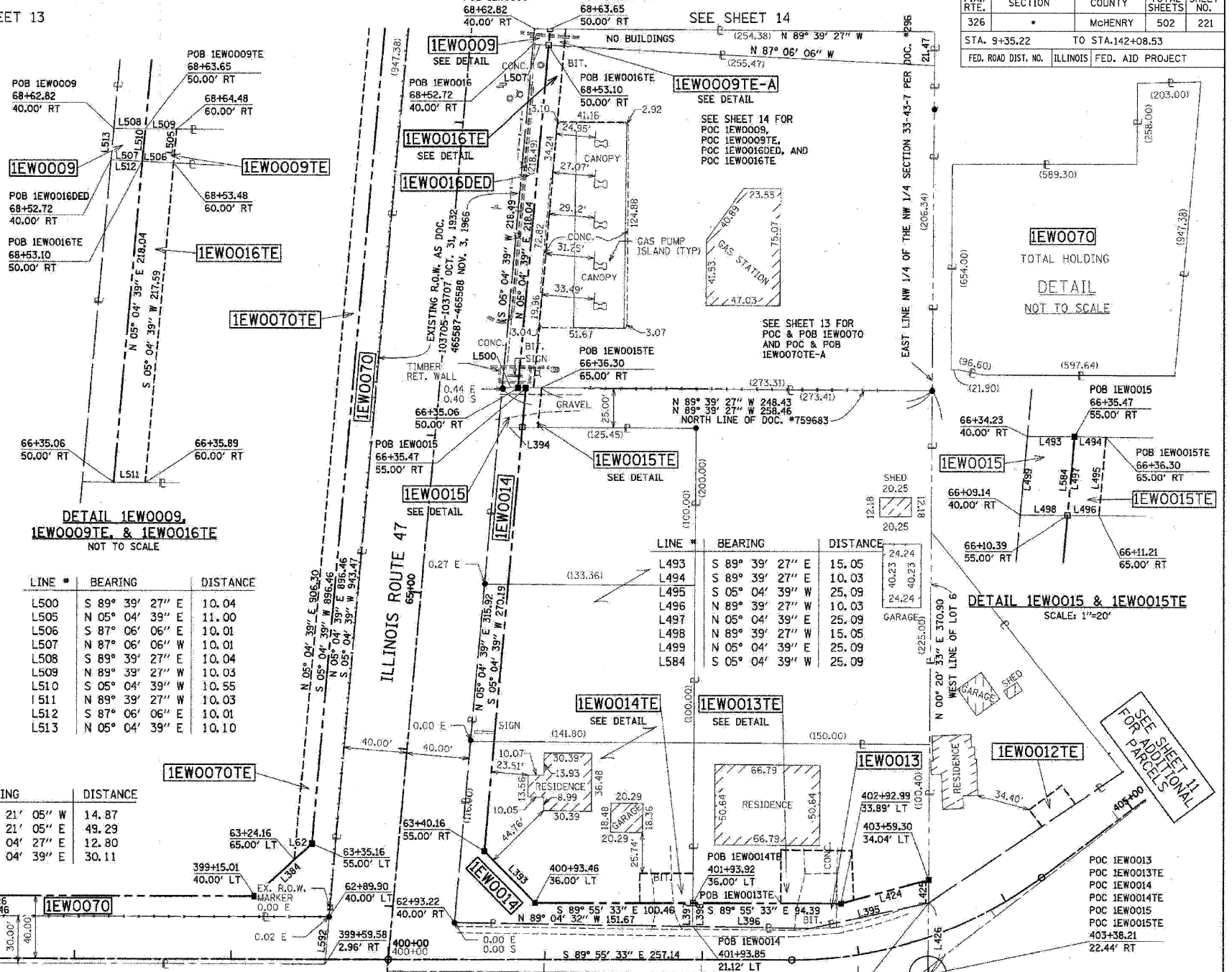
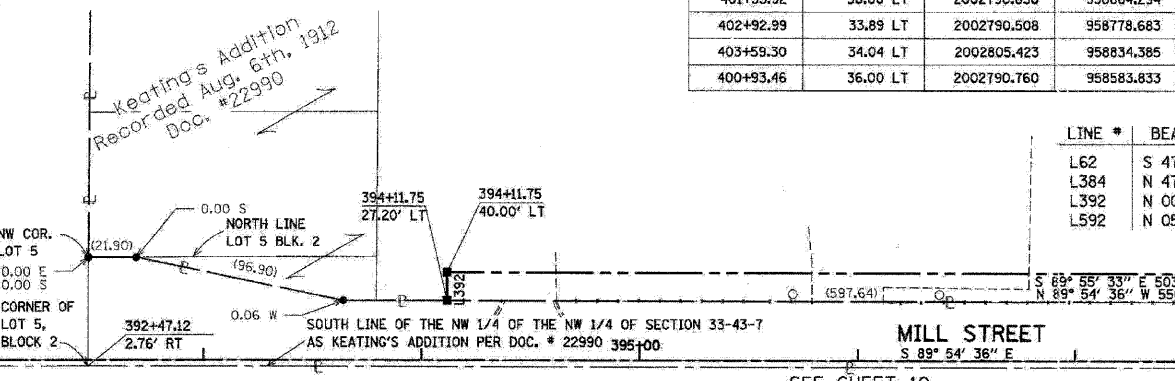
DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.



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Station	Offset	North	East
63+35.16	55.00 LT	2002828.383	958441.640
66+10.39	55.00 RT	2003092.794	958575.567
63+40.19	55.00 RT	2002823.662	958551.654
66+35.47	55.00 RT	2003117.781	958577.787
66+35.06	50.00 RT	2003117.811	958572.770
68+53.10	50.00 RT	2003334.998	958592.068
68+63.65	50.00 RT	2003345.504	958593.001
MILL STREET			
394+11.75	27.20 LT	2002782.837	957902.111
394+11.75	40.00 LT	2002795.641	957902.128
399+15.01	40.00 LT	2002794.990	958405.388
401+93.92	36.00 LT	2002790.630	958684.294
402+92.99	33.89 LT	2002790.508	958778.683
403+59.30	34.04 LT	2002805.423	958834.385
400+93.46	36.00 LT	2002790.760	958583.833

LINE #	BEARING	DISTANCE
L62	S 47° 21' 05" W	14.87
L384	N 47° 21' 05" E	49.29
L392	N 00° 04' 27" E	12.80
L592	N 05° 04' 39" E	30.11



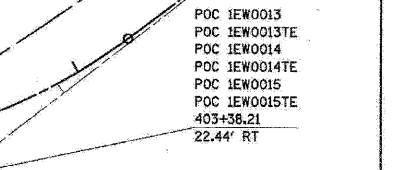
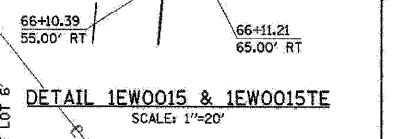
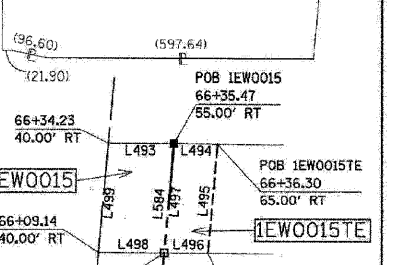
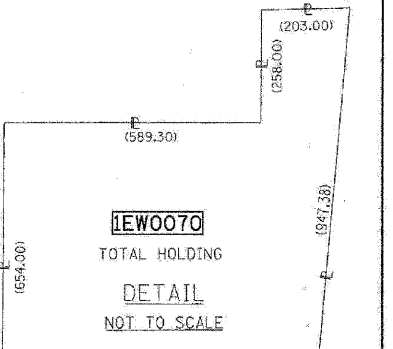
PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES SQ FT.	PREVIOUSLY DEDICATED ACRES SQ FT.	REMAINDER AREA ACRES	EASEMENT AREA ACRES SQ FT.	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EW0009	HOME STATE BANK / NATIONAL ASSOCIATION UNDER TRUST NO. 4803	0.092	0.002 103	N/A N/A	0.090	N/A N/A	N/A	18-33-106-035 (PT)	
1EW0009TE			N/A N/A			0.002 108	CONSTRUCTION		
1EW0013	HARRIS BANK OF WOODSTOCK, AS TRUSTEE, TRUST NO. 2781	0.388	0.050 N/A	N/A N/A	0.338	N/A N/A	N/A	18-33-106-011	
1EW0013TE			N/A N/A			0.035 N/A	CONSTRUCTION		
1EW0014	WST II, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY, AS TO AN UNDIVIDED 77% INTEREST AND WARREN WOLSCHLAGER, AS TO AN UNDIVIDED 23% INTEREST	1.005	0.165 N/A	N/A N/A	0.840	N/A N/A	N/A	18-33-106-010	
1EW0014TE			N/A N/A			0.015 N/A	CONSTRUCTION	18-33-106-009	
1EW0015	THE STATE BANK OF WOODSTOCK AS TRUSTEE, TRUST NO. 2799	0.846	0.009 376	N/A N/A	0.837	N/A N/A	N/A	18-33-106-029	
1EW0015TE			N/A N/A			0.006 251	CONSTRUCTION		
1EW0016DED	FDH-BAKI, L.L.C.	1.289	0.050 N/A	N/A N/A	1.239	N/A N/A	N/A	18-33-106-036	
1EW0016TE			N/A N/A			0.050 N/A	CONSTRUCTION		
1EW0070	HUNTLEY STATION, L.L.C.	12.622	0.496 N/A	N/A N/A	12.126	N/A N/A	N/A	18-33-105-006	
1EW0070TE			N/A N/A			0.207 N/A	CONSTRUCTION	18-33-105-008	

LINE #	BEARING	DISTANCE
L393	S 44° 21' 50" E	46.02
L394	S 89° 39' 27" E	15.05
L397	S 00° 20' 33" W	14.88
L399	N 00° 04' 27" E	19.00
L400	S 89° 55' 33" E	33.96
L401	S 00° 20' 33" W	19.00
L402	N 89° 55' 33" W	33.92

LINE #	BEARING	DISTANCE
L403	N 00° 04' 27" E	34.00
L404	S 89° 29' 49" E	45.15
L405	S 02° 10' 52" E	31.51
L406	S 75° 00' 37" W	8.36
L407	N 89° 55' 33" W	38.31

LINE #	BEARING	DISTANCE
L395	S 77° 48' 01" W	77.12
L396	N 89° 04' 32" W	74.73
L398	N 00° 20' 33" E	14.88
L424	N 75° 00' 37" E	57.66
L425	S 00° 20' 33" W	14.58
L426	N 00° 20' 33" E	45.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	221



RECEIVED
JAN 28 2009
PLATS & LEGALS
PAVIA-MARTING & CO.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Design Firm Professional Registration #184002376

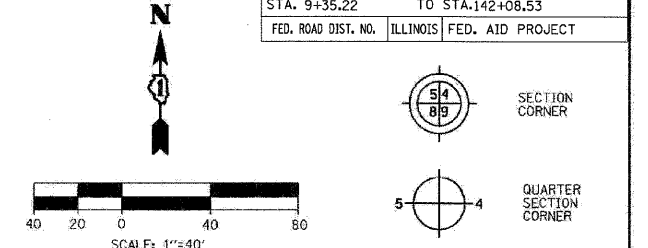
SHEET NO. 1 IS A COVER SHEET & NOT RECORDED
ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 33 T 43, R 7 OF 3rd P.M.
STA 62+66 TO STA 68+60
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 12 OF XX

PART OF THE NW. 14 OF THE NW. 14 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	222
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

LINE #	BEARING	DISTANCE
L436	S 08° 28' 55" E	16.04
L537	N 83° 14' 07" W	15.00
L589	S 89° 58' 18" W	16.52
L590	N 00° 52' 48" E	31.76
L605	N 89° 53' 42" W	23.36
L821	S 05° 04' 39" W	40.22
L822	N 89° 43' 46" W	41.08
L823	N 89° 55' 40" E	12.04
L824	S 60° 55' 30" E	26.87
L825	N 29° 12' 11" E	15.01
L826	N 89° 55' 40" E	5.59
L827	N 89° 58' 18" W	16.52
L828	N 08° 28' 55" W	16.04

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPL
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- T2 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- T3 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT3 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- S STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- P PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- R RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD G. WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold G. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-0000 FAX (630) 894-0910
Design Firm Professional Registration #10404276

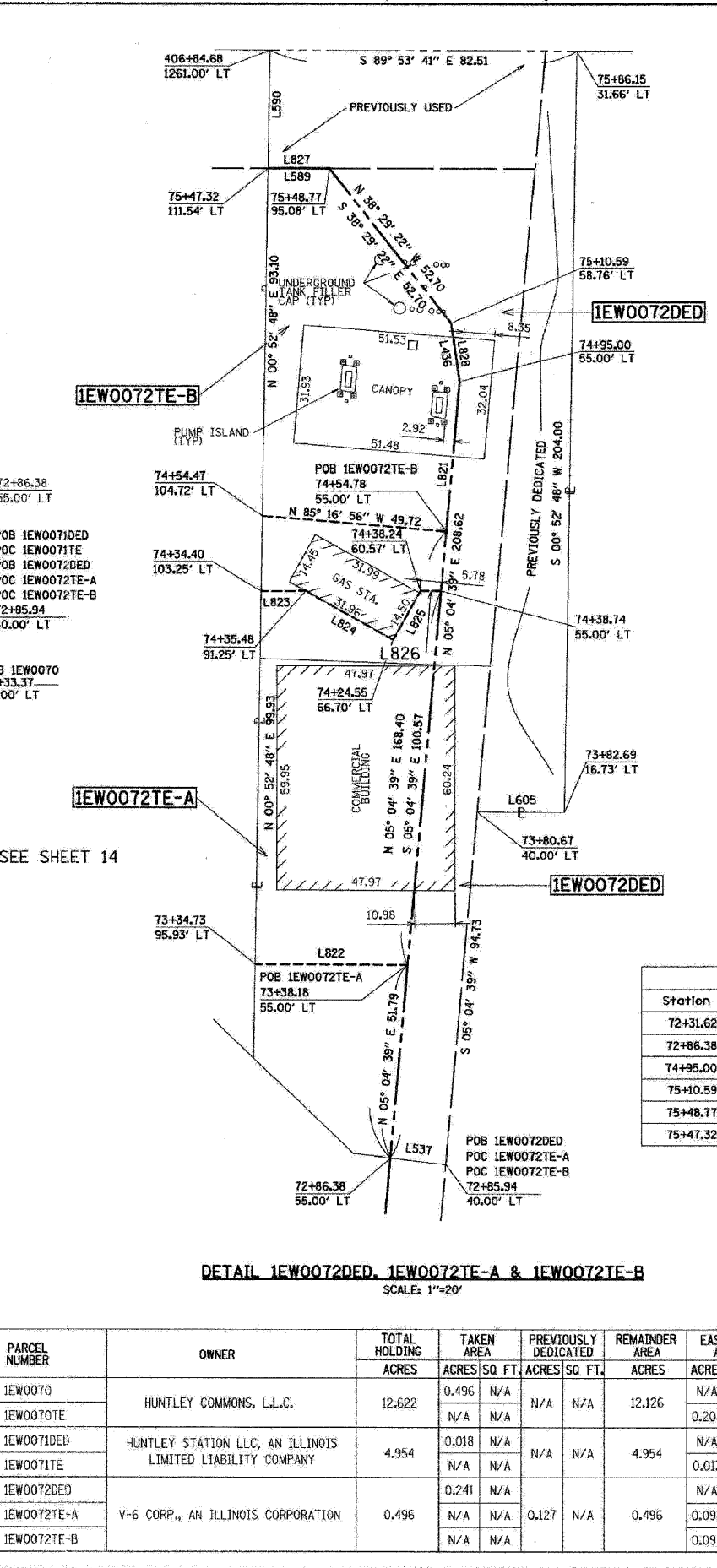
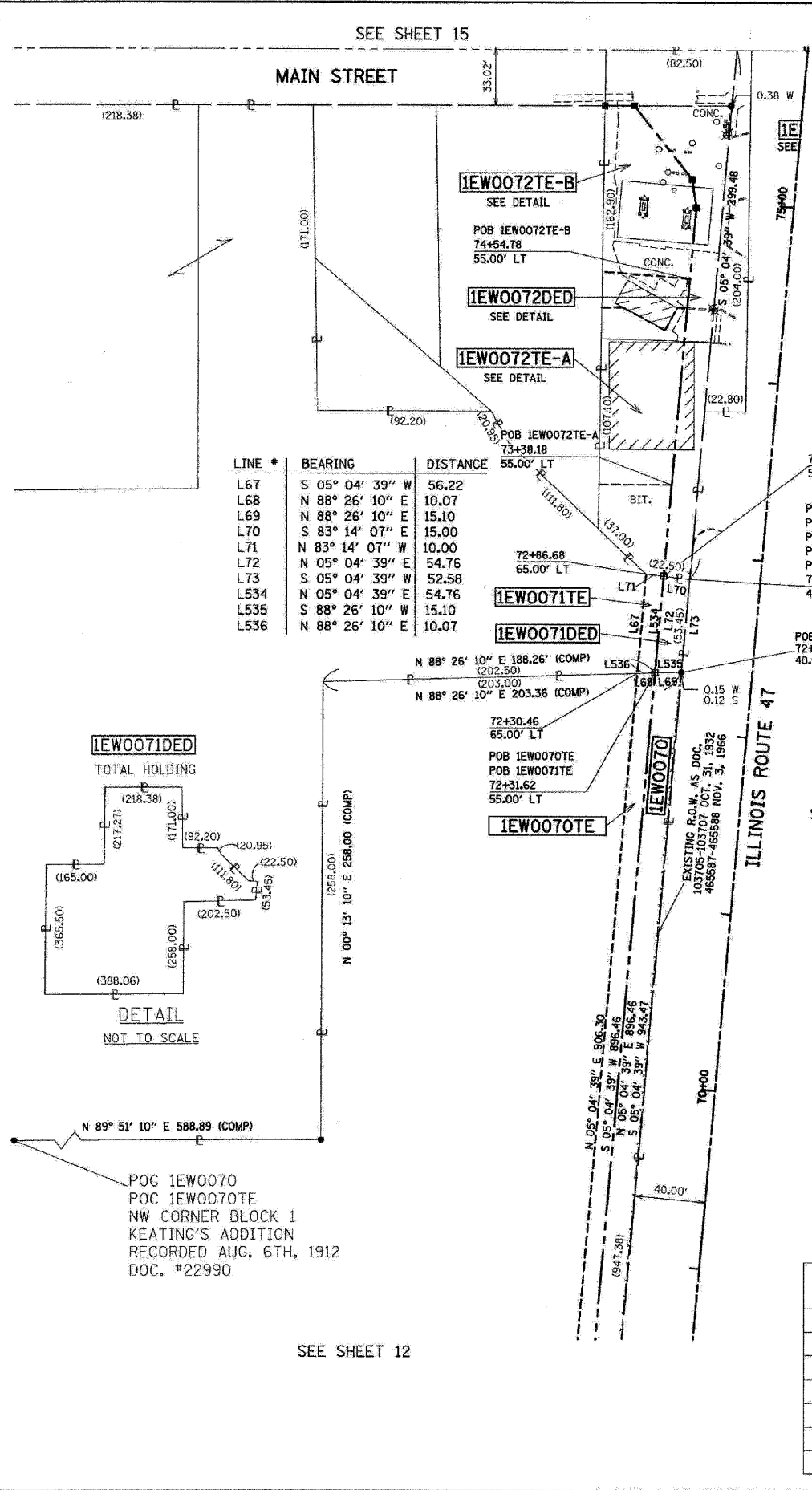
RECEIVED
JAN 28 2008
PLATS & LEGALS

SURVEYOR NOTE:
1. ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
2. COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
3. BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
01-17-08	REV 0072DED	
01-17-08	REV 0072TE-B	
02-05-08	REV T1 OWNER	

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB* R-91-018-01 PROJECT* R-91-018-01
SEC 33 T 43, R 7 OF 3rd P.M.
STA 68+60 TO STA 75+90
DRAWN JR CHECKED HCW
SCALE: 1"=40' SHEET NO. 13 OF XX



COORDINATES

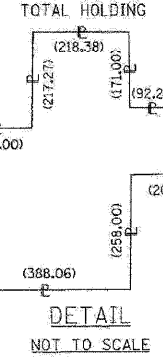
Station	Offset	North	East
72+31.62	55.00 LT	2003721.326	958520.981
72+86.38	55.00 LT	2003775.875	958525.828
74+95.00	55.00 LT	2003983.672	958544.291
75+10.59	58.76 LT	2003999.533	958541.926
75+48.77	95.08 LT	2004040.780	958509.129
75+47.32	111.54 LT	2004040.788	958492.607

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES SQ. FT.	ACRES SQ. FT.	ACRES	ACRES SQ. FT.			
1EWO070	HUNTLEY COMMONS, L.L.C.	12.622	0.496 N/A	N/A N/A	12.126	N/A N/A	N/A	18-33-105-006	
1EWO070TE			N/A N/A	N/A N/A		0.207 N/A	CONSTRUCTION	18-33-105-008	
1EWO071DED	HUNTLEY STATION LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	4.954	0.018 N/A	N/A N/A	4.954	N/A N/A	N/A	18-33-103-009	
1EWO071TE			N/A N/A	N/A N/A		0.013 N/A	CONSTRUCTION		
1EWO072DED			0.241 N/A	N/A N/A		N/A N/A	N/A		
1EWO072TE-A	V-6 CORP., AN ILLINOIS CORPORATION	0.496	N/A N/A	0.127 N/A	0.496	0.098 N/A	CONSTRUCTION	18-33-102-012	
1EWO072TE-B			N/A N/A	N/A N/A		0.095 N/A	CONSTRUCTION	18-33-102-013	

PLAT DATE = Wednesday, August 05, 2009
FILED DATE = 8/5/09
PLOT SCALE = 1"=40'
USER NAME = 3838

SEE SHEET 12

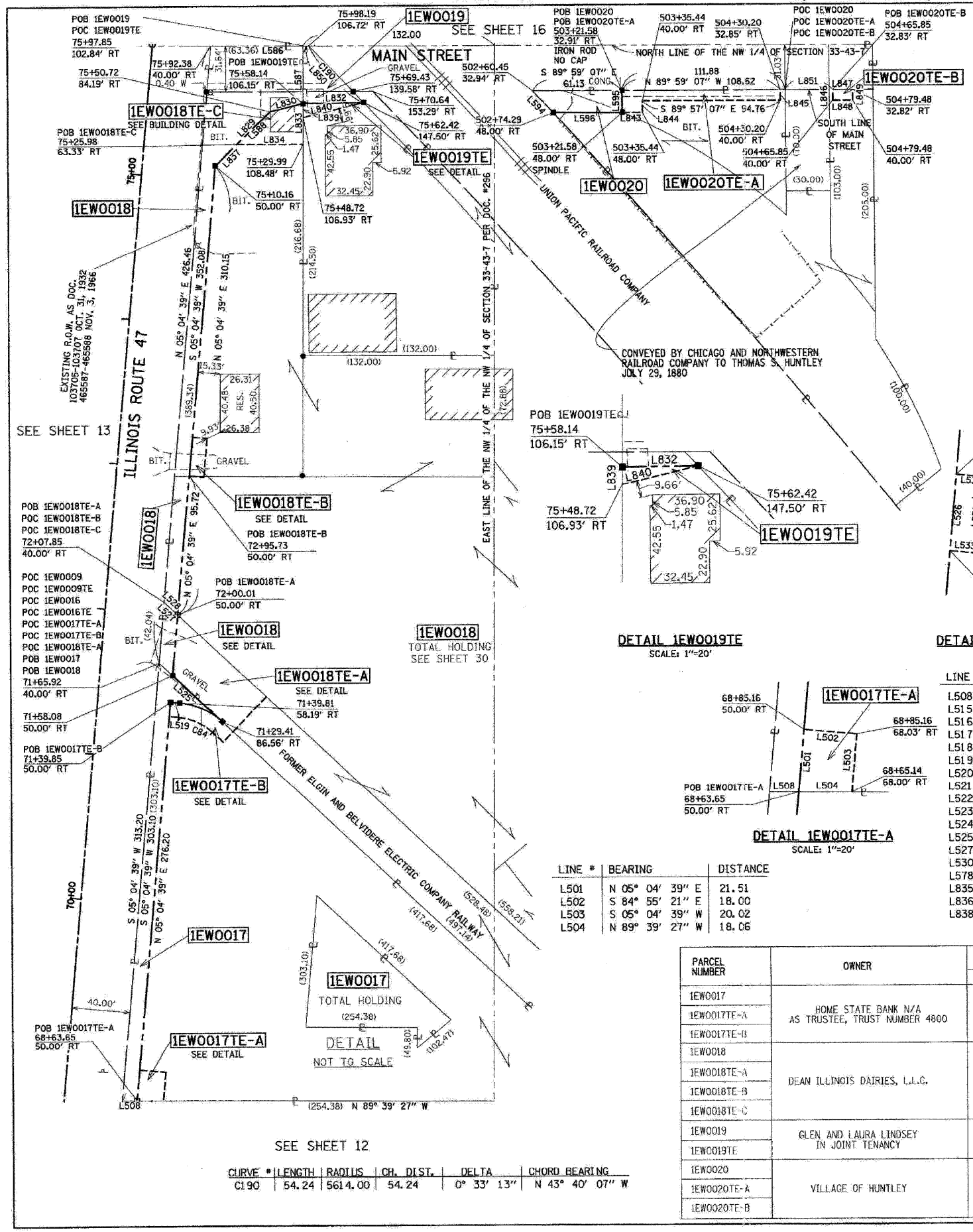
LINE #	BEARING	DISTANCE
L67	S 05° 04' 39" W	56.22
L68	N 88° 26' 10" E	10.07
L69	N 88° 26' 10" E	15.10
L70	S 83° 14' 07" E	15.00
L71	N 83° 14' 07" W	10.00
L72	N 05° 04' 39" E	54.76
L73	S 05° 04' 39" W	52.58
L534	N 05° 04' 39" E	54.76
L535	S 88° 26' 10" W	15.10
L536	N 88° 26' 10" E	10.07



POC 1EWO070
POC 1EWO070TE
NW CORNER BLOCK 1
KEATING'S ADDITION
RECORDED AUG. 6TH, 1912
DOC. #22990

PART OF THE NW. 14 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

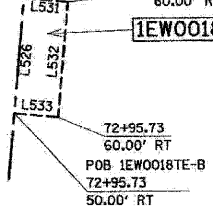
CONTRACT NO. 62882



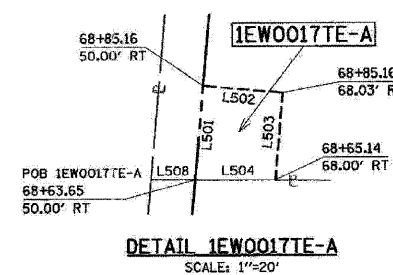
LINE #	BEARING	DISTANCE
L528	N 46° 49' 41" W	12.71
L586	S 89° 53' 41" E	63.09
L587	S 00° 19' 33" W	39.85
L588	S 45° 12' 24" W	32.36
L594	N 42° 32' 41" W	20.46
L595	S 00° 02' 20" W	15.10
L596	N 89° 57' 11" W	47.29
L829	S 45° 12' 24" W	53.05
L830	S 76° 24' 52" W	23.17
L832	N 89° 09' 32" E	41.57
L833	N 00° 19' 33" E	28.24
L834	N 89° 59' 47" E	45.33
L837	N 45° 12' 24" E	20.69
L839	N 00° 19' 33" E	9.45
L840	S 76° 24' 51" W	42.82
L842	N 43° 40' 07" W	54.24
L843	S 89° 57' 19" E	13.86
L844	N 00° 02' 41" E	8.00
L845	N 00° 01' 56" E	7.15
L846	N 00° 01' 56" E	7.17
L847	S 89° 59' 07" E	13.63
L848	N 89° 57' 19" W	13.63
L849	S 00° 01' 56" W	7.18
L850	N 89° 53' 41" W	3.90
L851	S 89° 59' 07" E	32.39

COORDINATES			
Station	Offset	North	East
68+63.65	50.00 RT	2003345.504	958593.001
71+29.41	86.56 RT	2003606.990	958652.943
71+39.81	58.19 RT	2003620.062	958623.755
71+39.85	50.00 RT	2003620.623	958617.447
71+58.08	50.00 RT	2003638.778	958619.060
72+00.01	50.00 RT	2003680.545	958622.771
75+10.16	50.00 RT	2003989.479	958650.221
75+50.72	84.19 RT	2004026.854	958687.866
75+58.14	106.15 RT	2004032.298	958710.392
75+62.42	147.50 RT	2004032.908	958751.962
75+69.43	139.58 RT	2004040.586	958744.690

LINE #	BEARING	DISTANCE
L526	N 05° 04' 39" E	26.43
L531	S 84° 55' 21" E	10.00
L532	S 05° 04' 39" W	26.43
L533	N 84° 55' 21" W	10.00



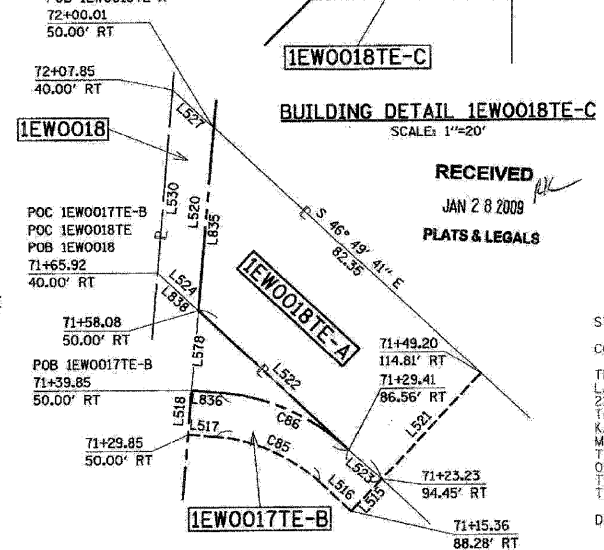
DETAIL 1EWO019TE SCALE: 1"=20'



DETAIL 1EWO017TE-A SCALE: 1"=20'

LINE #	BEARING	DISTANCE
L501	N 05° 04' 39" E	21.51
L502	S 84° 55' 21" E	18.00
L503	S 05° 04' 39" W	20.02
L504	N 89° 39' 27" W	18.06

LINE #	BEARING	DISTANCE
L508	S 89° 39' 27" E	10.04
L515	S 43° 10' 19" W	10.00
L516	N 46° 49' 41" W	10.01
L517	N 84° 55' 21" W	6.33
L518	N 05° 04' 39" E	10.00
L519	S 84° 55' 21" E	6.33
L520	S 05° 04' 39" W	41.93
L521	S 43° 10' 19" W	33.00
L522	N 46° 49' 41" W	56.48
L523	S 46° 49' 41" E	10.01
L524	N 46° 49' 41" W	12.71
L525	N 46° 49' 41" W	59.17
L527	S 46° 49' 41" E	12.71
L530	N 05° 04' 39" E	41.93
L578	S 05° 04' 39" W	18.23
L835	N 05° 04' 39" E	41.93
L836	S 84° 55' 21" E	6.33
L838	S 46° 49' 41" E	12.71



DETAIL 1EWO017TE-B, 1EWO018 & 1EWO018TE SCALE: 1"=20'

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C84	32.58	49.00	31.98	38° 05' 39"	S 65° 52' 31" E
C85	25.93	39.00	25.46	38° 05' 40"	N 65° 52' 31" W
C86	32.58	49.00	31.98	38° 05' 39"	S 65° 52' 31" E

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES SQ FT	PREVIOUSLY DEDICATED ACRES SQ FT	REMAINDER AREA ACRES	EASEMENT AREA ACRES SQ FT	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EWO017	HOME STATE BANK N/A AS TRUSTEE, TRUST NUMBER 4800	1.241	0.074 N/A	N/A N/A	1.167	N/A N/A	N/A	18-33-106-016	
1EWO017TE-A			N/A N/A	N/A N/A		0.009 374	CONSTRUCTION	18-33-106-035 (PT)	
1EWO017TE-B			N/A N/A	N/A N/A		0.010 N/A	CONSTRUCTION		
1EWO018			0.169 N/A	N/A N/A		N/A N/A	N/A		
1EWO018TE-A	DEAN ILLINOIS DAIRIES, L.L.C.	6.982	N/A N/A	0.047 N/A	6.813	0.053 N/A	CONSTRUCTION	18-33-106-001, 004,005	
1EWO018TE-B			N/A N/A	N/A N/A		0.006 264	CONSTRUCTION		
1EWO018TE-C			N/A N/A	N/A N/A		0.019 N/A	CONSTRUCTION		
1EWO019	GLEN AND LAURA LINDSEY IN JOINT TENANCY	0.448	0.021 N/A	0.014 N/A	0.427	N/A N/A	N/A	18-33-106-002	
1EWO019TE			N/A N/A	N/A N/A		0.005 197	CONSTRUCTION		
1EWO020			0.019 N/A	N/A N/A		N/A N/A	N/A		
1EWO020TE-A	VILLAGE OF HUNTLEY	0.746	N/A N/A	N/A N/A	0.727	0.020 N/A	CONSTRUCTION	18-33-126-001, 18-33-126-004, 18-33-126-005, 18-33-126-006	
1EWO020TE-B			N/A N/A	N/A N/A		0.002 98	CONSTRUCTION		

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C190	54.24	5614.00	54.24	0° 33' 13"	N 43° 40' 07" W

LEGEND

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED CENTERLINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

123.45
 123.45 (COMP)
 (123.45)

IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)

OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, T2 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.

OB1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.

■ STAKING OF PROPOSED RIGHT OF WAY SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.

■ STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.

⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD C. WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

HAROLD C. WESTPHAL JR.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
 EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
 910 WEST LAKE STREET
 ROSELLE, IL 60172-3352
 (630) 529-8000 FAX (630) 894-4910
 Design Firm Professional Registration #184082276

- SURVEYOR NOTE:**
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.
 - THE FORMER ELGIN AND BELVIDERE ELECTRIC COMPANY RAILWAY AS SHOWN WAS ESTABLISHED PER THE TITLE COMMITMENTS.

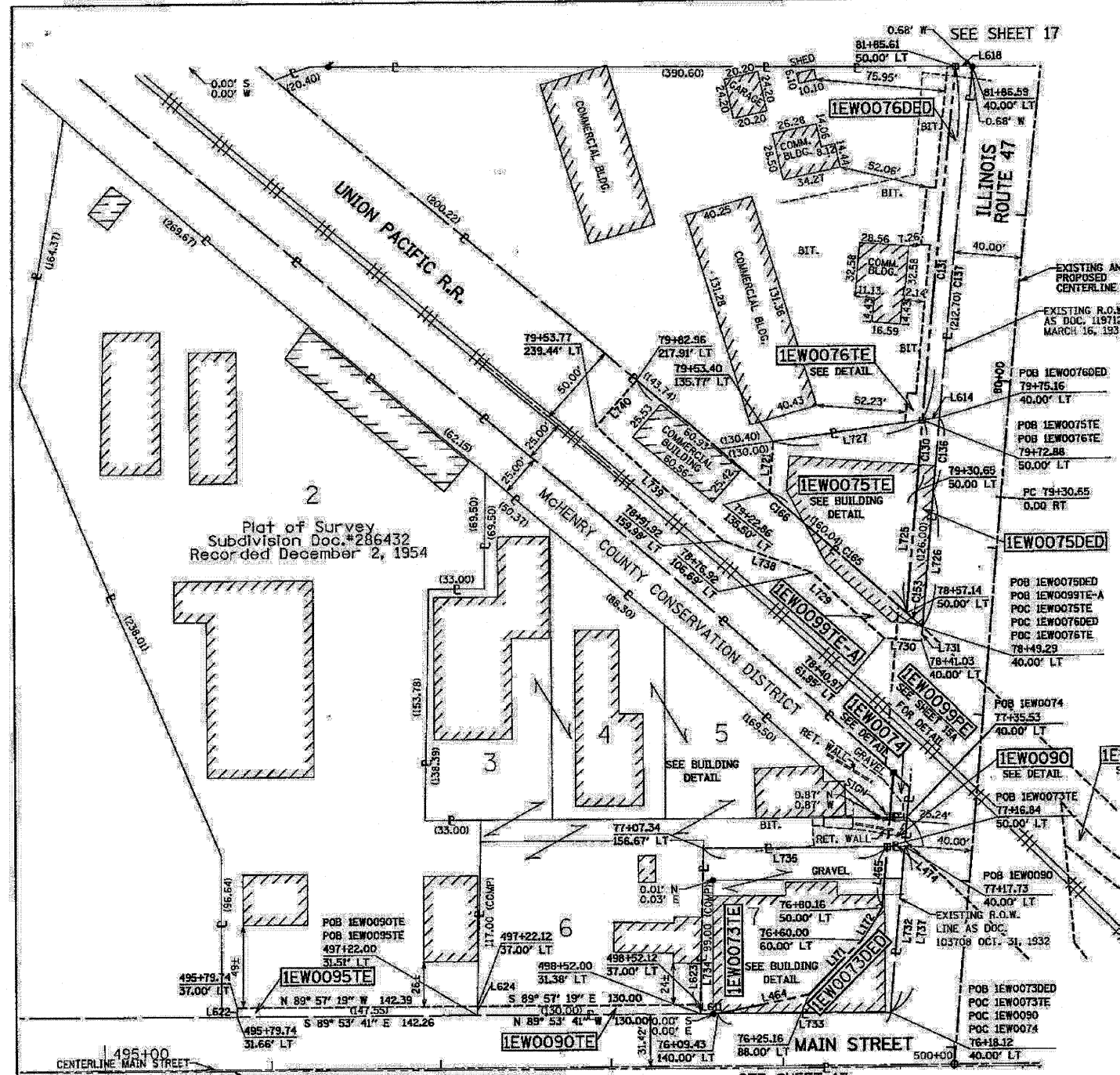
SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

DATE	DESCRIPTION
12-17-07	REVISE PARCEL 18
12-21-07	REVISE PARCEL 18
01-17-08	REV 1EWO018
01-17-08	REV 1EWO018TE-C
01-17-08	ADD PARCEL 19
01-17-08	REV 1EWO020
01-17-08	ADD 1EWO020TE-B
01-30-08	REVISED
04-08-08	REV 19 PREV DEED
05-14-08	REV 1EWO017
01-22-09	REV 1EWO019

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
 ROUTE FAP 326 (IL 47)
 SECTION REED RD. TO KREUTZER RD.
 COUNTY McHENRY
 JOB# R-91-018-01 PROJECT# R-91-018-01
 SEC 33 T 43 , R 7 OF 3rd P.M.
 STA 68+60 TO STA 75+90
 DRAWN JR CHECKED HCW
 SCALE: 1"=40' SHEET NO. 14 OF XX

PLT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\1-CADD\01-ans\223.plt.13.dgn
 USER NAME = 3838

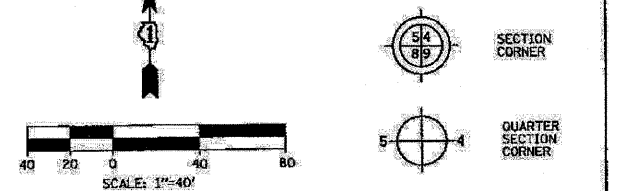
PART OF THE SW. 1/4 OF THE SW. 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.



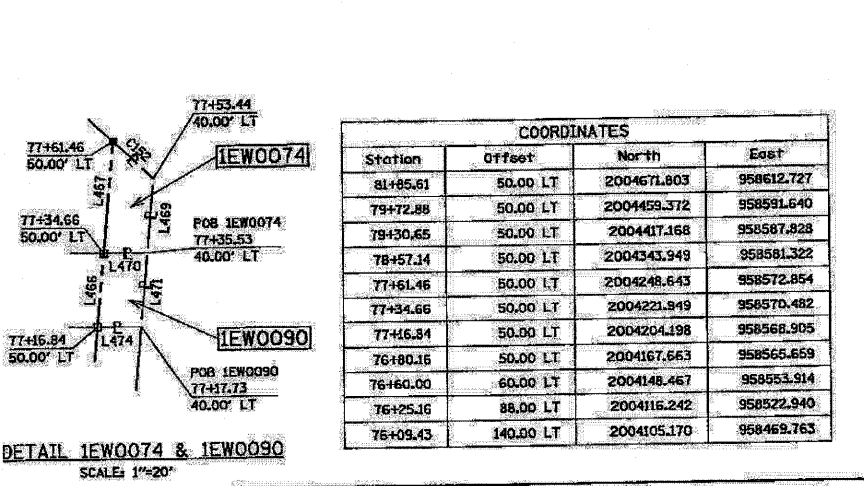
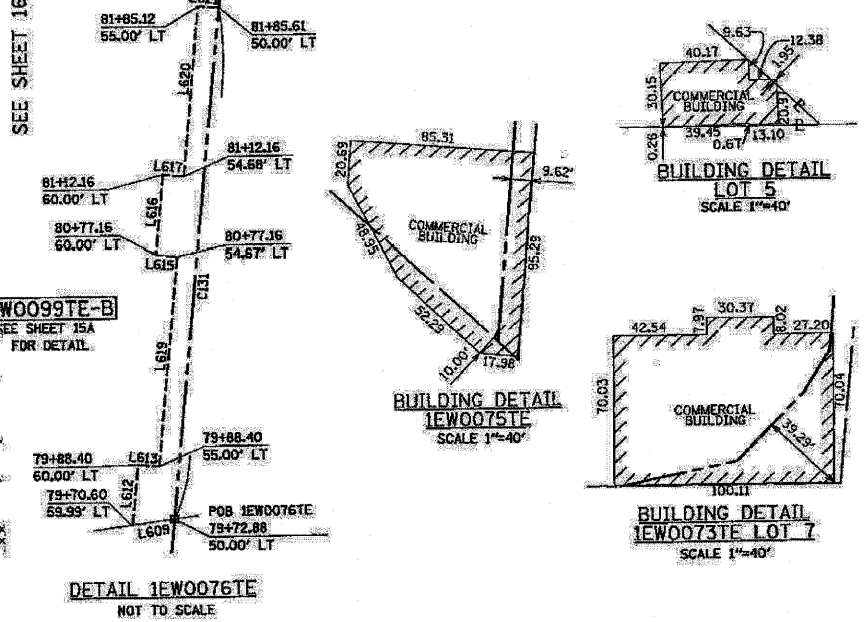
LINE #	BEARING	DISTANCE	LINE #	BEARING	DISTANCE
L171	S 43° 51' 56" W	44.70	L609	N 82° 19' 49" E	10.25
L172	S 31° 27' 38" W	22.50	L612	S 05° 14' 02" W	17.88
L464	S 78° 14' 19" W	54.32	L613	N 84° 41' 35" W	5.00
L465	S 05° 04' 39" W	36.68	L614	S 82° 19' 49" W	10.26
L466	N 05° 04' 39" E	17.82	L615	S 84° 20' 22" E	5.33
L467	S 05° 04' 39" W	26.80	L616	S 05° 43' 49" W	35.15
L468	N 05° 04' 39" E	17.91	L617	N 84° 12' 00" W	5.32
L470	S 89° 53' 41" E	10.03	L618	S 89° 28' 14" E	10.05
L471	S 05° 04' 39" W	17.80	L619	S 05° 41' 46" W	89.10
L474	S 89° 59' 14" W	10.04	L620	S 05° 42' 06" W	73.25
L611	N 89° 53' 41" W	10.24	L621	N 89° 28' 14" W	5.02
L732	N 05° 04' 39" E	99.61	L622	S 00° 02' 41" W	5.34
L733	S 89° 53' 41" E	100.36	L623	S 01° 19' 19" W	5.62
L734	N 01° 19' 19" E	99.01	L624	N 01° 19' 19" E	5.49
L735	N 89° 59' 14" E	107.10	L721	N 04° 36' 27" E	30.75
L737	N 05° 04' 39" E	117.40	L725	S 05° 04' 39" W	73.51
L738	N 69° 11' 55" W	55.37	L726	N 05° 04' 39" E	81.37
L739	N 46° 50' 55" W	100.91	L727	N 82° 19' 49" E	87.99
L740	N 41° 12' 57" E	36.64	L728	N 27° 01' 15" W	54.23
			L729	N 46° 11' 47" W	57.47
			L730	N 85° 05' 26" W	21.85
			L731	S 05° 04' 39" W	8.26

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
CL30	42.38	14426.09	42.38	00° 10' 06"	S 05° 09' 39" W
CL31	213.48	14426.09	213.48	00° 50' 52"	N 05° 40' 08" E
CL36	44.63	14416.09	44.63	00° 10' 39"	N 05° 09' 58" E
CL37	212.01	14416.09	212.01	00° 50' 33"	S 05° 40' 34" W
CL52	12.82	5639.00	12.82	00° 07' 49"	N 46° 10' 16" W
CL53	12.71	5714.00	12.71	00° 07' 39"	S 46° 46' 20" E
CL65	107.84	5714.00	107.84	01° 04' 53"	N 47° 22' 36" W
CL66	222.94	5714.00	222.92	02° 14' 08"	S 47° 49' 34" E

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	REED TO KREUTZER	McHENRY	502	224
STA. 75+90		TO STA. 81+86		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- Bearings are Referenced to the Illinois State Plane Coordinates Ground System, NAD83 East Zone, as provided by the Illinois Department of Transportation.
- SECTION LINE
 - QUARTER SECTION LINE
 - QUARTER, QUARTER SECTION LINE
 - PLATTED LOT LINE
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - EXISTING CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED CENTERLINE
 - PROPOSED RIGHT OF WAY LINE
 - PROPOSED EASEMENT LINE
 - MEASURED DIMENSION
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 - IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
 - CUT CROSS FOUND OR SET
 - THIS STAKE REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 - THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IEW0073DED	TED JANKOWSKI, JR & ELIZABETH JANKOWSKI, AS JOINT TENANTS	0.259	0.059	N/A	0.259	N/A	N/A	18-28-354-038	
IEW0073TE			N/A	N/A		0.200	N/A	DEMOLITION	
IEW0074	McHENRY COUNTY CONSERVATION DISTRICT	N/A	0.005	223	N/A	N/A	N/A	18-28-354-034	
IEW0075DED			0.028	N/A		N/A	N/A	18-28-353-011	
IEW0075TE	BARRINGTON MOTOR SALES AND SERVICE, INC.	0.182	N/A	N/A	0.182	0.144	N/A	CONST./DEMO.	
IEW0076DED			0.049	N/A		N/A	N/A	18-28-353-012	
IEW0076TE	EW II, L.L.C.	1.412	N/A	N/A	1.412	0.030	N/A	CONSTRUCTION	
IEW0090			0.004	178	N/A	N/A	N/A	18-28-354-010,013,037,039	
IEW0090TE			N/A	N/A		0.017	N/A	CONSTRUCTION	
IEW0095TE	BARRY J. BORCHART AS TRUSTEE, TRUST NO. 1, AS TO AN UNDIVIDED 1/2 INTEREST AND KRISTY N. BORCHART	1.998	N/A	N/A	1.998	0.018	N/A	CONSTRUCTION	
IEW0095TE-A	UNION PACIFIC RAILROAD COMPANY	N/A	N/A	N/A	N/A	0.154	N/A	DEMOLITION	

COORDINATES			
Station	Offset	North	East
81+85.61	50.00 LT	2004671.803	958612.727
79+72.88	50.00 LT	2004459.372	958591.640
79+30.65	50.00 LT	2004417.168	958587.828
78+57.14	50.00 LT	2004343.949	958581.322
77+61.46	50.00 LT	2004248.643	958572.854
77+34.66	50.00 LT	2004221.949	958570.482
77+16.81	50.00 LT	2004204.198	958568.905
76+80.15	50.00 LT	2004167.663	958566.659
76+60.00	60.00 LT	2004148.467	958553.914
76+25.16	88.00 LT	2004116.242	958522.940
76+09.43	140.00 LT	2004105.170	958469.763

STATE OF ILLINOIS }
 COUNTY OF DU PAGE }
 THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 21, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 21, 21, 28, 32 & 33, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold C Westphal Jr.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
 EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
 910 WEST LAKE STREET
 ROSELLE, IL 60172-3382
 (800) 528-0000 FAX (800) 894-4910
 Design Firm: Professional Registration #10000223

SURVEYOR NOTES:
 1. ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 2. COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 3. BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

DATE	REVISION	DESCRIPTION
12-11-07	REV PARCEL 90	
01-17-08	REV IEW0076TE	
01-17-08	REV 0073DED	ROUTE FAP 326 (IL 47)
01-17-08	ADD IEW0090TE	SECTION REED RD. TO KREUTZER RD.
01-17-08	ADD IEW0095TE	COUNTY McHENRY
01-22-09	ADD P-74 NAME	JOB# R-91-018-01 PROJECT# R-91-018-01
02-10-09	ADD P-99PE	SEC 28 T 43, R 7 OF 3rd P.M.
02-10-09	ADD P-99TE-B	STA 75+90 TO STA 81+86
04-02-09	REV PAR 99	DRAWN RMS CHECKED HCW
04-13-09	ADD CL NOTES	SCALE: 1"=40' SHEET NO. 15 OF XX
04-22-09	DRAFTING ADDITIONS	
05-05-09	DRAFTING ADDITIONS	
09-14-09	REV P-99TE-A	

DATE: 10/27/2009
 DRAWN BY: WJL
 CHECKED BY: WJL
 USER: WJL

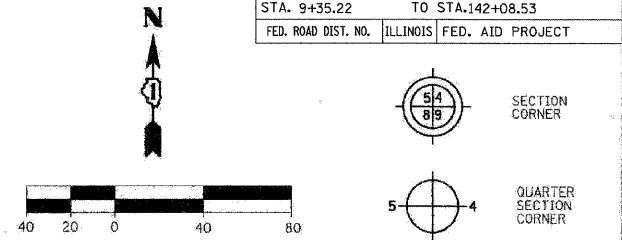
10/27/2009

PART OF THE SW. 1/4 OF THE SW. 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	225
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- CUT CROSS FOUND OR SET
- OB1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OB11 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT3 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY.
- SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS.
- BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

THIS IS TO CERTIFY THAT I, HAROLD C. WESTPHAL, JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

HAROLD C. WESTPHAL, JR.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8900 FAX (630) 894-4910
Deputy First Professional Registration #184082376

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO.1 IS A COVER SHEET & NOT RECORDED

REVISION	ILLINOIS DEPT. OF TRANSPORTATION
DATE DESCRIPTION	PLAT OF HIGHWAYS
01-17-08 ADD TIES	
01-17-08 ADD ROW DED.	
	ROUTE FAP 326 (IL 47)
	SECTION REED RD. TO KREUTZER RD.
	COUNTY McHENRY
	JOB# R-91-018-01 PROJECT# R-91-018-01
	SEC 28 T 43, R 7 OF 3rd P.M.
	STA 75+90 TO STA 81+28
	DRAWN RMS CHECKED HCW
	SCALE: 1"=40' SHEET NO. 16 OF XX

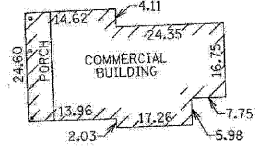
RECEIVED
JAN 2 8 2008
PLATS & LEGALS

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
CL17	57.43	50.00	54.32	65° 48' 21"	S 51° 36' 18" W
CL154	39.73	5614.00	39.73	00° 24' 20"	S 44° 38' 19" E

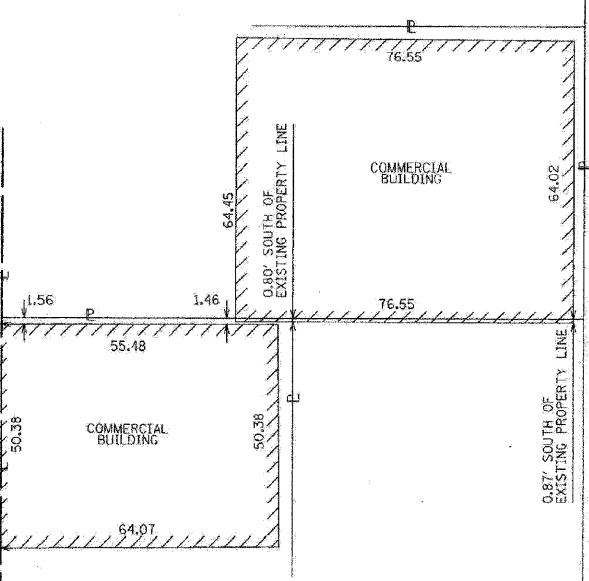
LINE #	BEARING	DISTANCE
L167	N 05° 04' 39" E	28.37
L169	N 89° 59' 07" W	30.43
L214	N 89° 52' 13" W	4.44
L215	N 89° 47' 19" W	36.90
L216	N 89° 52' 13" W	10.23
L217	S 89° 52' 13" E	10.23
L218	S 89° 52' 13" E	16.02
L219	N 89° 52' 13" W	16.02
L475	N 00° 13' 39" E	20.00
L476	S 46° 53' 17" E	39.72
L477	N 89° 47' 19" W	18.10
L478	N 57° 10' 34" W	13.06
L558	S 89° 52' 13" E	69.23
L559	S 18° 32' 05" W	34.27
L560	N 00° 13' 39" E	66.35
L563	N 00° 13' 39" E	66.35
L564	S 05° 12' 57" W	66.61
L565	S 05° 12' 57" W	66.61
L566	N 00° 13' 39" E	66.35



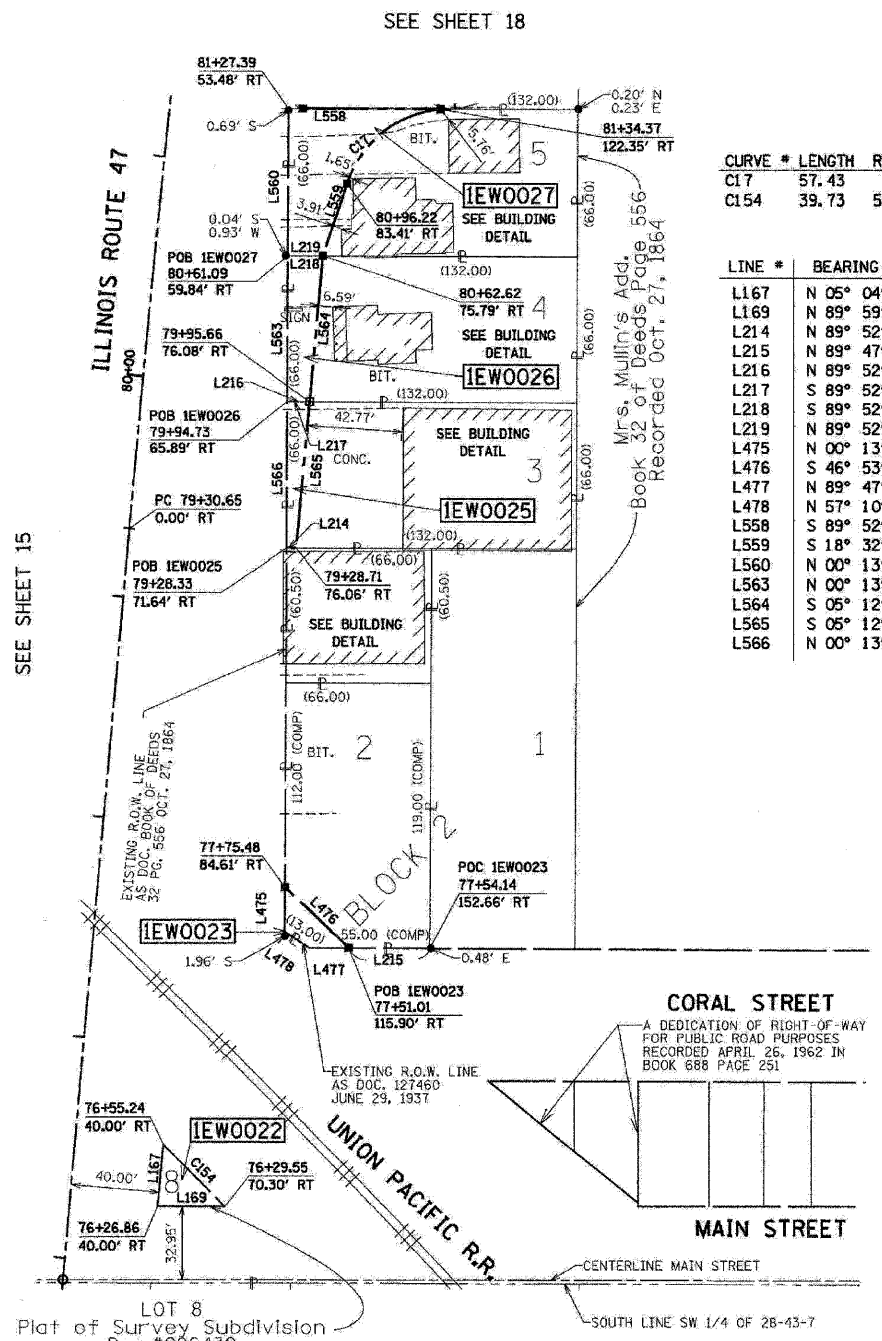
BUILDING DETAIL 1EW0027
SCALE: 1"=20'



BUILDING DETAIL 1EW0026
SCALE: 1"=20'



BUILDING DETAIL 1EW0025
LOTS 2-3
SCALE: 1"=20'



LOT 8
Plat of Survey Subdivision
Doc. #286432
Recorded December 2, 1954

SEE SHEET 14

SEE SHEET 18

SEE SHEET 15

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES/SQ. FT.	PREVIOUSLY DEDICATED ACRES/SQ. FT.	REMAINDER AREA ACRES	EASEMENT AREA ACRES/SQ. FT.	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EW0022	HUNTLEY DEVELOPMENT LIMITED PARTNERSHIP	0.010	0.010 N/A	N/A N/A	0.000	N/A N/A	N/A	18-28-356-001	
1EW0023	VOLPENTESTA CONSTRUCTION, INC.	0.180	0.008 355	N/A N/A	0.172	N/A N/A	N/A	18-28-376-041	
1EW0025	JOHN R. & PATRICIA WUTCH	0.201	0.011 N/A	N/A N/A	0.190	N/A N/A	N/A	18-28-376-021	
1EW0026	BEST REALTY, L.L.C. & MICKEY J. WILKE REVOCABLE TRUST OCTOBER 12, 1995	0.201	0.020 N/A	N/A N/A	0.181	N/A N/A	N/A	18-28-376-020	
1EW0027	MARY ELLEN MOERKE AS TRUSTEE, TRUST NO. 1	0.201	0.046 N/A	N/A N/A	0.155	N/A N/A	N/A	18-28-376-019	

COORDINATES			
Station	Offset	North	East
81+34.37	122.35 RT	2004602.974	958778.804
80+96.22	83.42 RT	2004569.235	958736.229
80+62.62	75.79 RT	2004536.747	958725.337
79+95.66	76.08 RT	2004470.413	958719.281
79+28.71	76.06 RT	2004404.079	958713.226
79+28.33	71.64 RT	2004404.089	958708.788
77+75.48	84.61 RT	2004250.700	958708.179
77+51.01	115.90 RT	2004223.555	958737.174

PART OF THE W. 12 OF THE SW. 14 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	226
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

SECTION LINE	QUARTER SECTION LINE	QUARTER, QUARTER SECTION LINE	PLATTED LOT LINE	PROPERTY (DEED) LINE	APPARENT PROPERTY LINE	EXISTING CENTERLINE	EXISTING RIGHT OF WAY LINE	PROPOSED CENTERLINE	PROPOSED RIGHT OF WAY LINE	PROPOSED EASEMENT LINE	MEASURED DIMENSION	COMPUTED DIMENSION	RECORDED DIMENSION	EXISTING BUILDING
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

COORDINATES

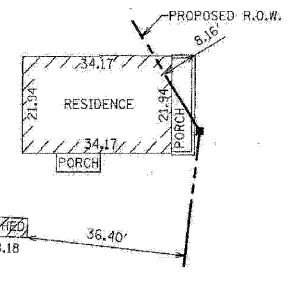
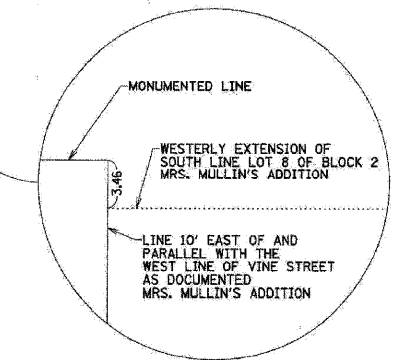
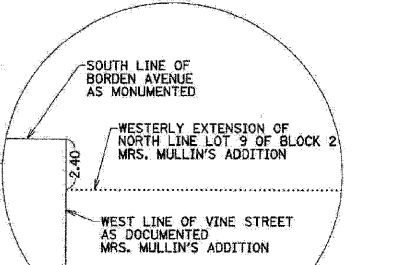
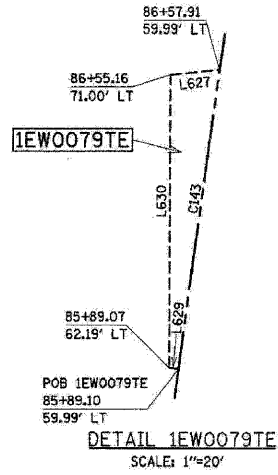
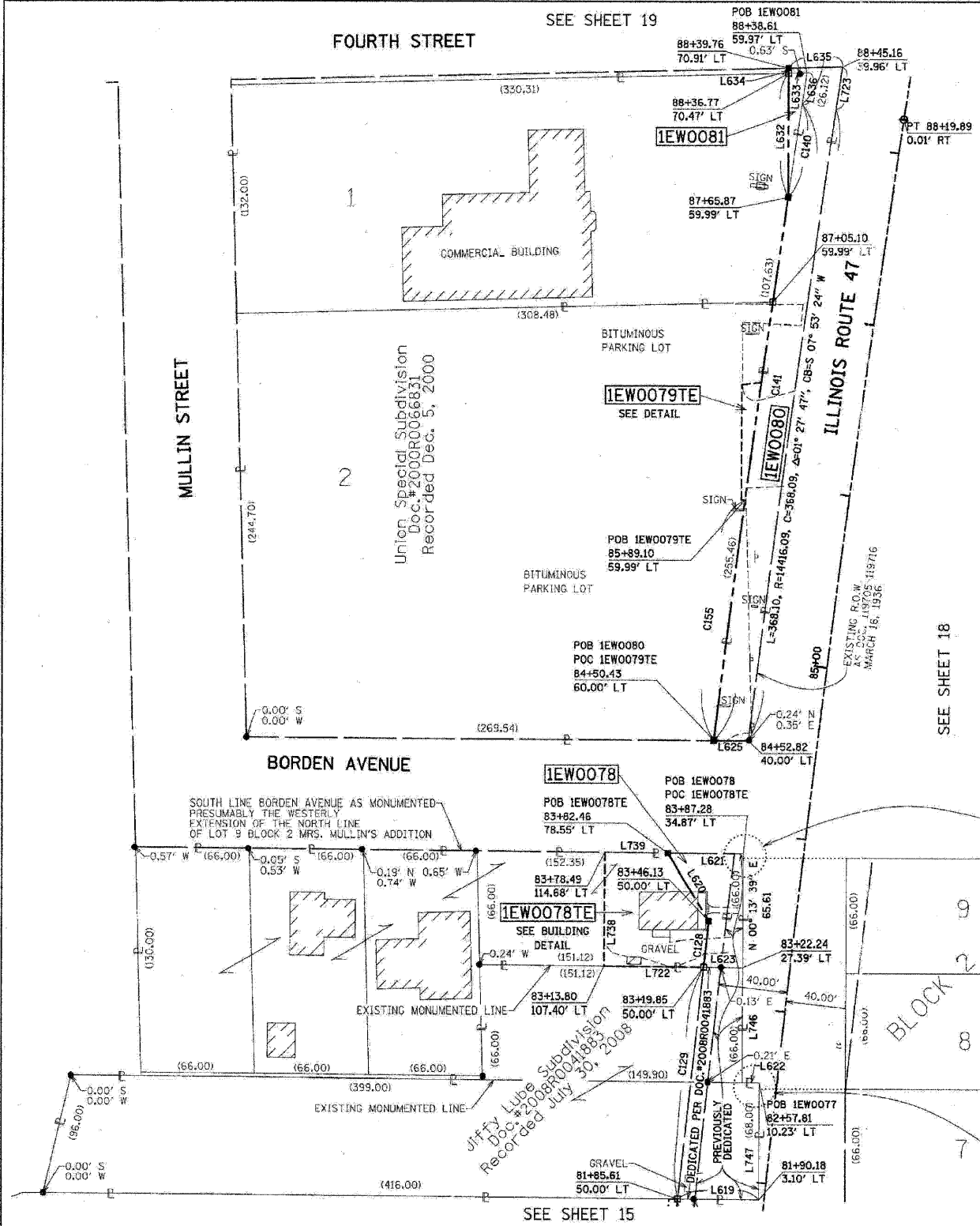
Station	Offset	North	East
88+39.76	70.91 LT	2005325.629	958676.486
88+36.77	70.47 LT	2005322.628	958676.479
87+65.87	59.99 LT	2005250.847	958676.312
87+05.10	59.99 LT	2005190.456	958667.518
84+50.43	50.00 LT	2004937.004	958633.446
83+82.46	78.55 LT	2004871.486	958606.696
83+46.13	50.00 LT	2004831.868	958630.717
83+19.85	50.00 LT	2004805.673	958627.649
81+85.61	50.00 LT	2004671.803	958612.727

LINE #	BEARING	DISTANCE
L625	N 89° 41' 46" W	20.14
L627	S 83° 52' 37" W	11.35
L629	S 83° 02' 45" E	2.20
L630	S 00° 16' 40" W	66.98
L632	S 00° 07' 58" W	71.78
L633	S 88° 39' 02" W	10.66
L634	N 00° 07' 58" E	3.00
L635	N 88° 39' 02" E	31.41
L636	N 08° 37' 18" E	18.59
L723	S 08° 37' 18" W	25.16

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C140	54.25	14436.09	54.25	00° 12' 55" N 08° 30' 50" E	
C141	371.01	14436.09	371.00	01° 28' 21" N 07° 53' 07" E	
C143	69.10	14436.09	69.10	00° 16' 27" N 07° 50' 20" E	
C155	139.25	14436.09	139.25	00° 33' 10" N 07° 25' 32" E	

LINE #	BEARING	DISTANCE
L619	N 89° 28' 14" W	47.12
L620	S 31° 13' 45" E	46.33
L621	N 89° 26' 20" W	43.95
L622	S 89° 28' 27" E	10.00
L623	S 89° 26' 05" E	22.73
L722	N 89° 26' 05" W	57.72
L738	N 00° 21' 32" E	65.60
L739	S 89° 26' 20" E	36.35
L746	S 00° 13' 39" W	65.95
L747	S 00° 13' 39" W	68.04

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C128	26.37	14426.09	26.37	00° 06' 17" S 06° 40' 49" W	
C129	134.70	14426.09	134.70	00° 32' 06" N 06° 21' 37" E	



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES SQ FT.	PREVIOUSLY DEDICATED ACRES SQ FT.	REMAINDER AREA ACRES	EASEMENT AREA ACRES SQ FT.	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EWO078	RUTH A. KAHL, AS TRUSTEE OF THE FRED A. KAHL & RUTH A. KAHL TRUST NO. 1	0.821	0.042 N/A	0.013 N/A	0.779	N/A N/A	N/A	18-28-353-001-003	
1EWO078TE			N/A N/A			0.079 N/A	DEMOLITION	18-28-353-005	
1EWO079TE	JUKI HUNTLEY PROPERTY, LLC	1.662	N/A N/A	N/A N/A	1.662	0.010 N/A	CONSTRUCTION	18-28-352-005	
1EWO080	VILLAGE OF HUNTLEY	0.203	0.181 N/A	N/A N/A	0.022	N/A N/A	N/A	N/A	
1EWO081	POWELL PROPERTIES, L.L.C.	0.978	0.009 380	N/A N/A	0.969	N/A N/A	N/A	18-28-352-004	

STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD C. WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

HAROLD C. WESTPHAL JR.
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
ROSELLE, ILLINOIS
036-001973
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Design Firm Professional Registration #164042956

SURVEYOR NOTE:
1. ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
2. COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
3. BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
12-11-07	REV	PARCEL 78
01-17-08	REV	1EWO080
01-17-08	REMOVE	0080TE
07-31-08	REV	79 OWNER
01-22-09	DELETED	77
01-29-09	REV	EX ROW

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 81+86 TO STA 88+45
DRAWN RMS CHECKED HCW
SCALE: 1"=40' SHEET NO. 17 OF XX

RECEIVED
JAN 28 2009
PLATS & LEGALS

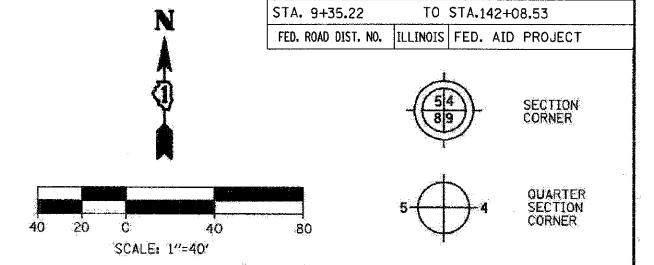
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PLOT SCALE = 1" = 40'
USER NAME = 3939

PART OF THE SW. 14 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	227
STA. 9+35.22		TO STA.142+08.53		
ILLINOIS FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY.
- SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS.
- BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 523-8999 FAX (630) 594-4918
Design Plus Professional Registration #0402022

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
12-11-07	REV	PARCEL 29
01-17-08	REV	IEW0028TE
01-17-08	ADD	0029TE-A
02-05-08	REV	0028 PIN
06-03-08	ADD	IEW0028PE
06-03-08	ADD	29PE-A&B
06-30-08	DELETE	28TE
06-30-08	DELETE	29TE-B

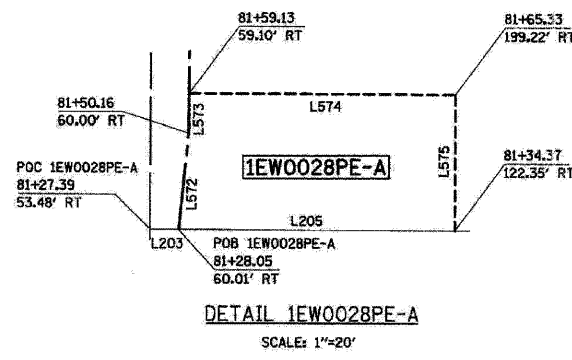
ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 81+28 TO STA 87+97
DRAWN RMS CHECKED HCW
SCALE: 1"=40' SHEET NO. 18 OF XX

COORDINATES			
Station	Offset	North	East
84+60.16	50.00 RT	2004932.939	958743.801
84+60.16	55.00 RT	2004932.314	958748.758
83+95.56	55.00 RT	2004868.451	958740.850
82+00.16	55.00 RT	2004675.065	958718.679
81+50.16	60.00 RT	2004625.015	958718.401
81+28.05	60.01 RT	2004603.116	958716.146

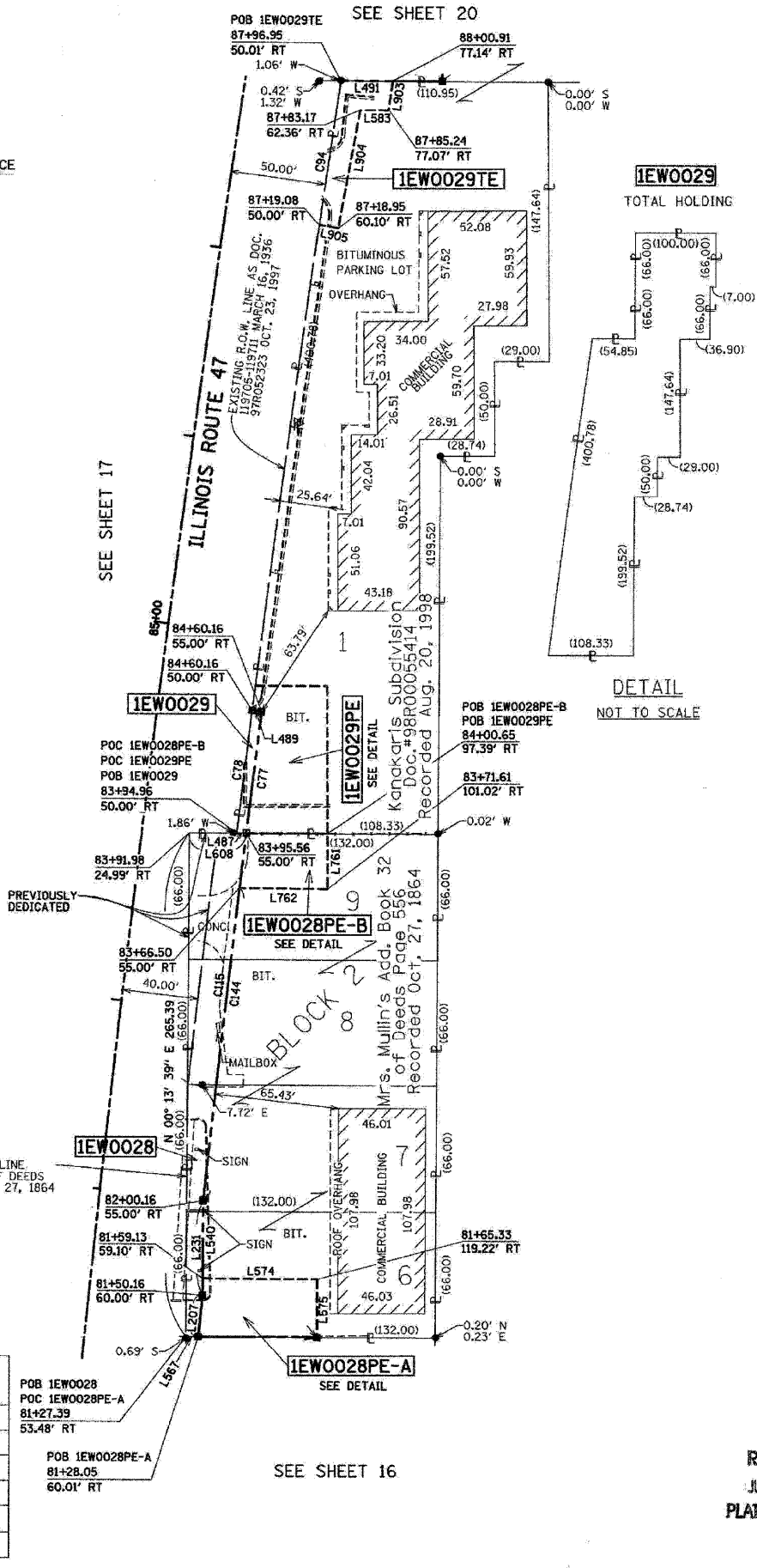
LINE #	BEARING	DISTANCE
L207	S 05° 52' 48" W	22.02
L231	S 00° 19' 04" W	50.05
L487	N 89° 52' 13" W	5.03
L489	S 82° 48' 46" E	5.00
L491	S 89° 43' 39" E	27.42
L540	S 00° 19' 04" W	41.06
L567	N 89° 52' 13" W	6.57
L574	S 89° 50' 13" E	60.42
L575	S 00° 07' 24" W	30.86
L583	N 89° 28' 04" W	14.91
L608	S 89° 52' 13" E	30.22
L761	S 00° 16' 19" E	29.07
L762	N 89° 28' 41" W	46.30
L903	S 08° 34' 14" W	15.45
L904	S 10° 22' 16" W	63.99
L905	N 81° 02' 46" W	10.10

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C77	64.35	14321.09	64.35	00° 15' 27"	S 07° 03' 30" W
C78	64.97	14326.09	64.97	00° 15' 35"	N 07° 03' 29" E
C94	77.46	14326.09	77.46	00° 18' 35"	N 08° 22' 28" E
CL15	194.66	14321.09	194.66	00° 46' 44"	S 06° 32' 25" W
CL41	13.03	14326.09	13.03	00° 03' 08"	N 07° 12' 50" E
CL42	64.35	14321.09	64.35	00° 15' 27"	N 07° 03' 30" E
CL43	28.95	14321.09	28.95	00° 06' 57"	N 06° 52' 18" E
CL44	165.70	14321.09	165.70	00° 39' 47"	S 06° 28' 56" W

LINE #	BEARING	DISTANCE
L203	S 89° 52' 13" E	6.57
L205	N 89° 52' 13" W	62.66
L488	S 89° 52' 13" E	47.73
L572	N 05° 52' 48" E	22.02
L573	N 00° 19' 04" E	8.99
L574	S 89° 50' 13" E	60.42
L575	S 00° 07' 24" W	30.86
L716	N 82° 48' 47" W	5.00
L717	N 89° 57' 26" E	37.74
L718	S 00° 16' 19" E	77.54
L719	N 89° 52' 13" W	42.70
L760	S 89° 52' 13" W	42.70
L761	S 00° 16' 19" E	29.07
L762	N 89° 28' 41" W	46.30



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES/SQ FT	PREVIOUSLY DEDICATED ACRES/SQ FT	REMAINDER AREA ACRES	EASEMENT AREA ACRES/SQ FT	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IEW0028			0.100 N/A			N/A N/A	N/A		
IEW0028PE-A	JAMES GOVARNIS	0.800	N/A N/A	0.023 N/A	0.700	0.043 N/A	PERMANENT	18-28-376-087	
IEW0028PE-B			N/A N/A			0.030 N/A	PERMANENT		
IEW0029			0.007 323			N/A N/A	N/A		
IEW0029PE	N & R PROPERTIES, L.L.C.	1.253	N/A N/A	N/A N/A	1.246	0.069 N/A	PERMANENT	18-28-376-077	
IEW0029TE			N/A N/A			0.026 N/A	CONSTRUCTION	18-28-326-081,083	



PLOT DATE = Wednesday, August 08, 2007
FILE NAME = S:\11-CADD\01-11\11-227-plot-17.dgn
PLOT SCALE = 1:1
USER NAME = 3836

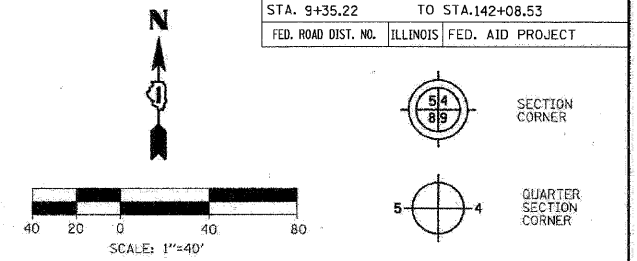
RECEIVED
JUN 30 2008
PLATS & LEGALS

PART OF THE SW. 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	228
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OBT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 AD.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 36-1973
 EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
 910 WEST LAKE STREET
 ROSELLE, IL 60172-3352
 (630) 529-6000 FAX (630) 894-4910
 Design Firm Professional Registration #234022376

SURVEYOR NOTE:
 1. ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 2. COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 3. BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO.1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
	01-17-08	REV IEW0083
	01-17-08	ADD IEW0083TE

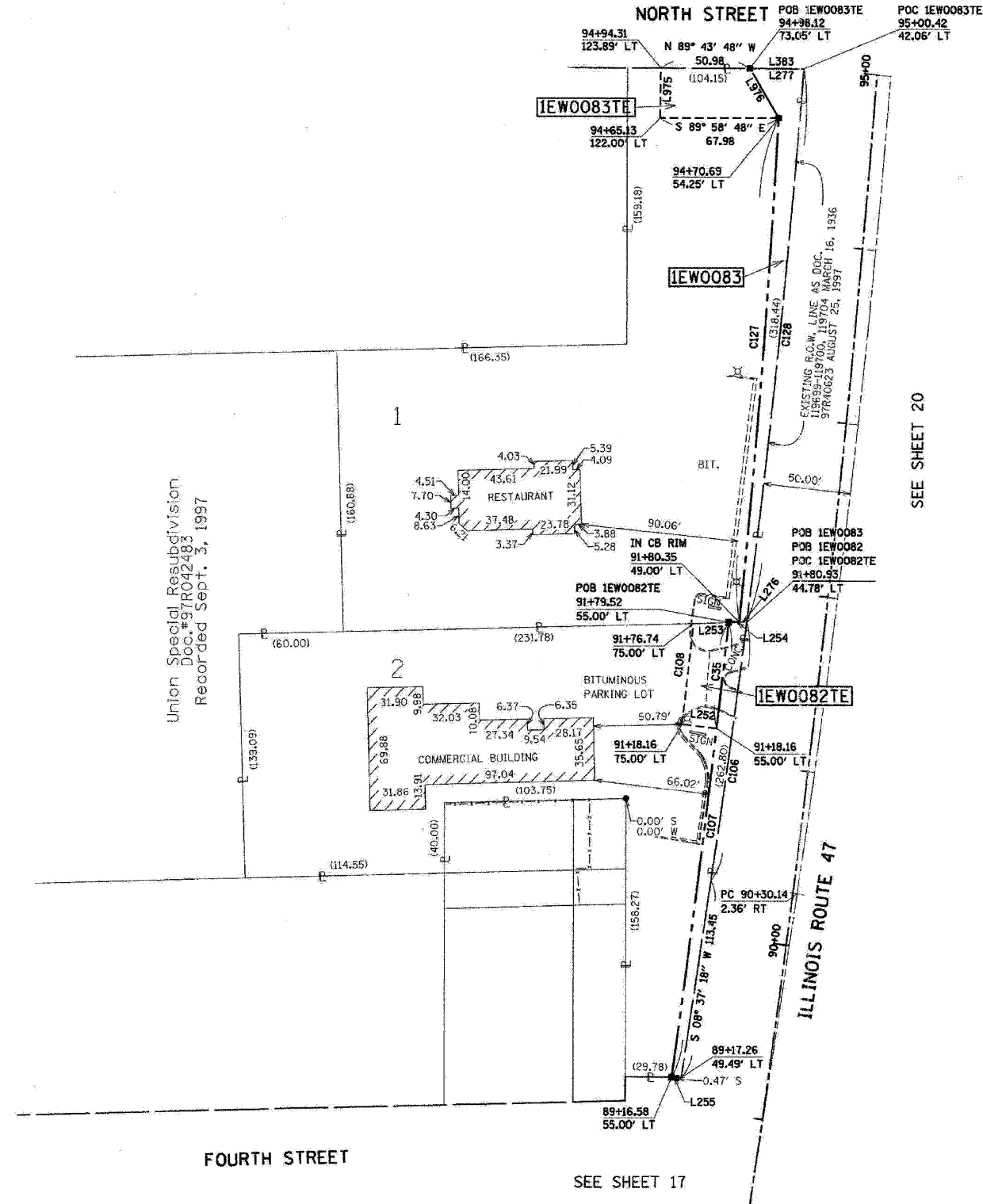
ILLINOIS DEPT. OF TRANSPORTATION
 PLAT OF HIGHWAYS
 ROUTE FAP 326 (IL 47)
 SECTION REED RD. TO KREUTZER RD.
 COUNTY McHENRY
 JOB# R-91-018-01 PROJECT# R-91-018-01
 SEC 28 T 43, R 7 OF 3rd P.M.
 STA 88+45 TO STA 95+00
 DRAWN RMS CHECKED HCW
 SCALE: 1"=40' SHEET NO. 19 OF XX

RECEIVED
 JAN 28 2008
 PLATS & LEGALS

Station	Offset	North	East
94+98.12	73.05 LT	2005974.869	958748.204
94+70.69	54.25 LT	2005946.209	958764.790
91+80.35	49.00 LT	2005658.314	958742.151
91+79.52	55.00 LT	2005658.165	958736.096
89+16.58	55.00 LT	2005398.851	958703.198

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C35	61.00	9336.79	61.00	00° 22' 28"	S 06° 36' 55" W
C106	148.94	6569.09	148.94	01° 17' 57"	S 07° 58' 19" W
C107	261.40	9336.79	261.39	01° 36' 15"	N 07° 13' 49" E
C108	58.12	9316.79	58.12	00° 21' 27"	N 06° 37' 26" E
C127	288.81	6324.08	288.78	02° 37' 00"	N 04° 29' 47" E
C128	318.04	6569.09	318.01	02° 46' 26"	S 05° 56' 08" W

LINE #	BEARING	DISTANCE
L252	N 83° 12' 14" W	20.00
L253	N 88° 35' 45" E	20.19
L254	N 88° 35' 45" E	10.32
L255	N 89° 00' 06" W	5.55
L276	S 88° 35' 45" W	4.26
L277	S 89° 43' 48" E	31.09
L383	N 89° 43' 48" W	31.09
L975	S 00° 48' 54" W	28.88
L976	N 30° 03' 30" W	33.11



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES SQ. FT.	PREVIOUSLY DEDICATED ACRES SQ. FT.	REMAINDER AREA ACRES	EASEMENT AREA ACRES SQ. FT.	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
IEW0082	CALMAN ENTERPRISES, LIMITED	0.911	0.047 N/A	N/A N/A	0.864	N/A N/A	N/A	18-28-304-015	
IEW0082TE			N/A N/A	N/A N/A		0.027 N/A	CONSTRUCTION		
IEW0083	ARCHLAND PROPERTY II, L.P.	1.237	0.068 N/A	N/A N/A	1.169	N/A N/A	N/A	18-28-304-014	
IEW0083TE			N/A N/A	N/A N/A		0.039 N/A	CONSTRUCTION		

PLOT DATE = Wednesday, August 08, 2007
 FILE NAME = S:\11-CADD\01-1141228.dwg
 PLOT SCALE = 1:1
 USER NAME = 3839

Union Special Resubdivision
 Doc. # 97R042483
 Recorded Sept. 3, 1997

SEE SHEET 21

SEE SHEET 20

SEE SHEET 17

PART OF THE SW. 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	229
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LINE #	BEARING	DISTANCE
L246	S 89° 43' 39" E	10.06
L247	N 83° 10' 23" W	10.00
L248	N 89° 43' 39" W	11.71
L250	S 83° 11' 26" E	10.00
L251	S 87° 28' 16" W	10.13
L598	S 89° 43' 39" E	10.45

COORDINATES			
Station	Offset	North	East
93+09.68	55.00 RT	2005776.049	958859.161
93+08.92	46.87 RT	2005776.087	958850.992
91+44.59	55.00 RT	2005610.948	958841.407
90+78.36	55.00 RT	2005544.802	958833.468
90+66.31	55.00 RT	2005532.775	958831.974
89+98.49	75.24 RT	2005462.414	958843.359
88+95.93	55.00 RT	2005462.560	958822.938
89+94.23	41.63 RT	2005462.575	958809.475
88+04.71	103.10 RT	2005265.093	958843.356
87+97.68	55.00 RT	2005265.374	958794.735

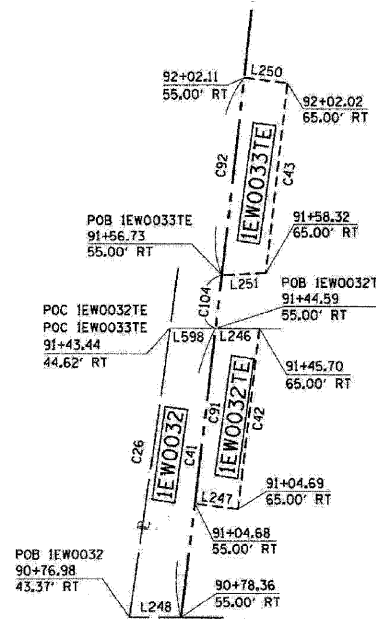
CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C26	66.78	6659.09	66.78	00° 34' 28"	N 07° 55' 18" E
C41	66.62	9446.79	66.62	00° 24' 15"	S 06° 50' 36" W
C42	41.30	9456.79	41.30	00° 15' 01"	S 06° 45' 35" W
C43	44.00	9456.79	44.00	00° 16' 00"	S 06° 25' 27" W
C91	40.15	9446.79	40.15	00° 14' 37"	N 06° 45' 47" E
C92	45.65	9446.79	45.65	00° 16' 37"	N 06° 25' 44" E
C104	12.21	9446.79	12.21	00° 04' 27"	N 06° 36' 15" E

LINE #	BEARING	DISTANCE
L258	S 89° 43' 39" E	8.17
L259	S 89° 43' 39" E	3.86
L250	N 00° 00' 03" E	31.83
L599	N 89° 43' 39" W	10.45

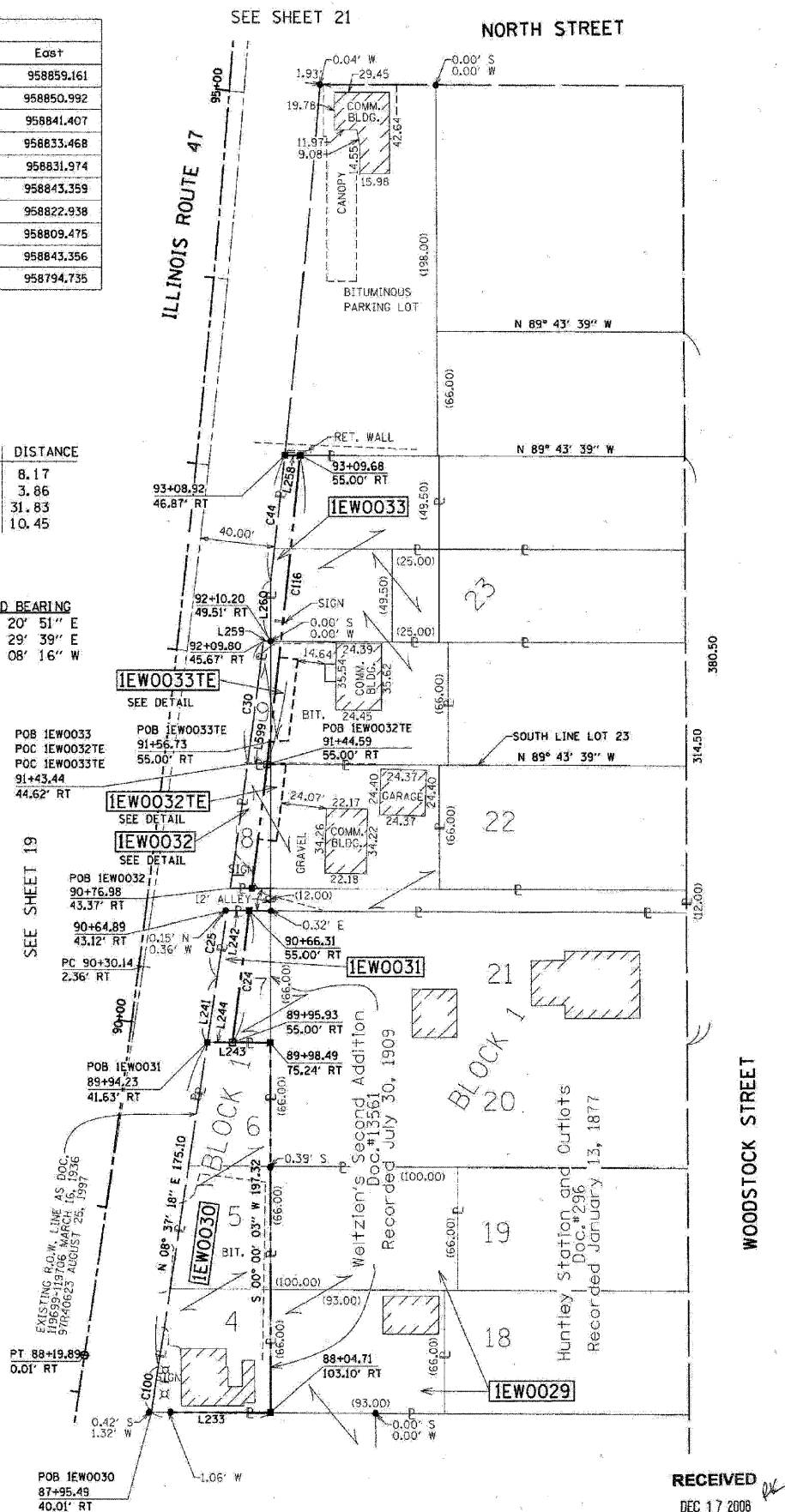
CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C30	66.69	6659.09	66.69	00° 34' 26"	N 07° 20' 51" E
C44	67.57	6659.09	67.57	00° 34' 53"	N 06° 29' 39" E
C116	166.06	9446.79	166.06	01° 00' 26"	S 06° 08' 16" W

LINE #	BEARING	DISTANCE
L233	N 89° 43' 39" W	63.76
L241	N 08° 37' 18" E	35.18
L242	S 89° 43' 39" E	11.96
L243	S 89° 43' 39" E	33.88
L244	N 89° 43' 39" W	13.48

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C24	70.79	9446.79	70.79	00° 25' 46"	S 07° 20' 01" W
C25	35.82	6659.09	35.82	00° 18' 29"	N 08° 28' 03" E
C100	24.33	14336.09	24.33	00° 05' 50"	N 08° 34' 23" E



DETAIL IEW0032, IEW0032TE & IEW0033TE
SCALE: 1"=20'



LEGEND

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED CENTERLINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
 CUT CROSS FOUND OR SET
 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY.
 SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN.
 IDENTIFIED BY INSCRIPTION DATA AND MONUMENT'S REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS.
 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF DU PAGE) SS

Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 29, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

STATE OF ILLINOIS)
 COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 29, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

HAROLD C WESTPHAL JR.
 035-001973
 PROFESSIONAL LAND SURVEYOR
 STATE OF ILLINOIS
 ROSELLE, ILLINOIS

PAVIA-MARTING & Co.
 910 WEST LAKE STREET
 ROSELLE, IL 60172-3352
 (630) 529-8000 FAX (630) 394-4910
 Equal Opportunity Employer

REVISION

DATE	DESCRIPTION
12-11-07	REV PAR 30,33
02-13-08	REMOVE 34TE
03-12-08	REV IEW0030

**ILLINOIS DEPT. OF TRANSPORTATION
 PLAT OF HIGHWAYS**

ROUTE FAP 326 (IL 47)
 SECTION REED RD. TO KREUTZER RD.
 COUNTY McHENRY

JOB# R-91-018-01 PROJECT# R-91-018-01
 SEC 28 T 43, R 7 OF 3rd P.M.
 STA 87+97 TO STA 95+00
 DRAWN RMS CHECKED HCW
 SCALE: 1"=40' SHEET NO. 20 OF XX

RECEIVED
 DEC 17 2008
 PLATS & LEGALS

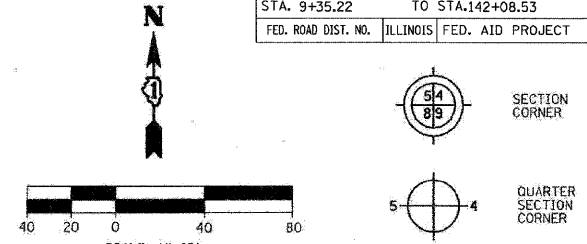
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PART OF THE SW. 14 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

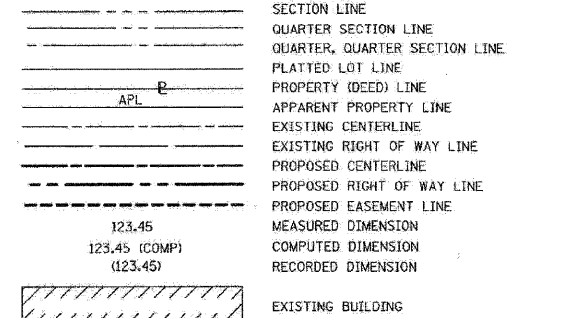
CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	230
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.



- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OT3 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th. DAY OF JULY, 2007 A.D.

Harold C Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8090 FAX (630) 894-4910
Design Firm Professional Registration #18002276

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO.1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
10/22/07	REMOVE PARCEL IEW0036	
12/11/07	REV PARCEL 35	
01/22/08	REV PARCEL 84 AND 85	
03/12/08	REV 85 OWNER	

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 95+00 TO STA 100+72
DRAWN SMM CHECKED HCW
SCALE: 1"=40' SHEET NO. 21 OF XX

RECEIVED
MAR 13 2008
PLATS & LEGALS

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C113	34.79	9336.79	34.79	00° 12' 49"	S 02° 06' 51" W
C144	75.01	9336.79	75.01	00° 27' 37"	N 02° 27' 03" E

LINE #	BEARING	DISTANCE
L286	N 69° 28' 47" W	18.96
L287	N 18° 23' 30" E	32.06
L288	S 75° 32' 47" E	9.22

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C50	40.55	9446.79	40.55	00° 14' 45"	N 03° 11' 50" E
C117	165.11	9446.79	165.11	01° 00' 05"	S 03° 31' 36" W

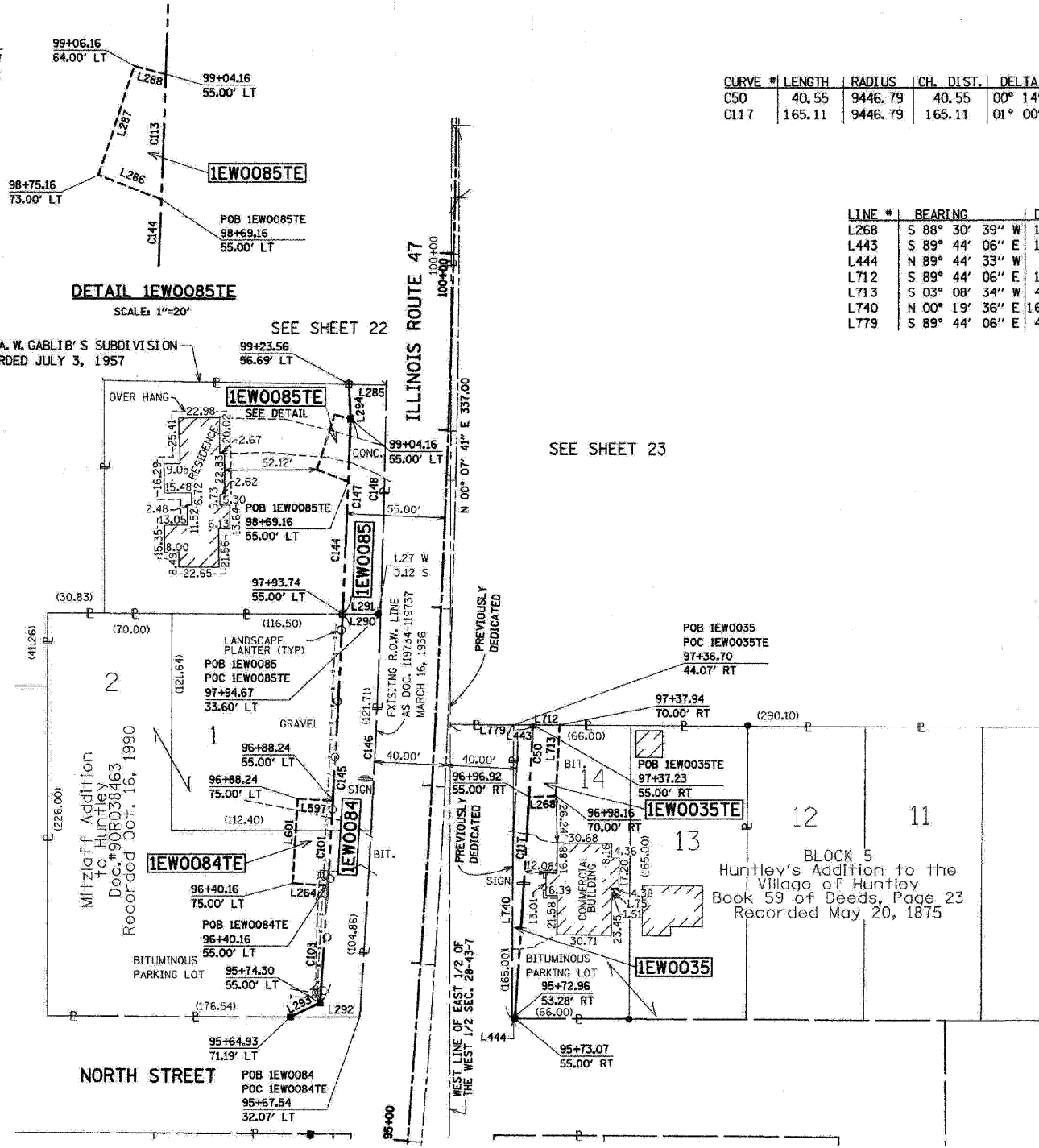
LINE #	BEARING	DISTANCE
L268	S 88° 30' 39" W	15.09
L443	S 89° 44' 06" E	10.94
L444	N 89° 44' 33" W	1.73
L712	S 89° 44' 06" E	15.02
L713	S 03° 08' 34" W	40.08
L740	N 00° 19' 36" E	164.84
L779	S 89° 44' 06" E	46.64

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C147	109.78	9336.79	109.78	00° 40' 25"	N 02° 20' 39" E
C148	128.80	6579.09	128.80	01° 07' 18"	S 01° 26' 01" W

LINE #	BEARING	DISTANCE
L285	S 89° 06' 45" E	21.19
L291	N 89° 48' 42" W	21.42
L294	N 03° 03' 28" W	19.36

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C101	47.80	9336.79	47.80	00° 17' 36"	S 03° 28' 17" W
C103	65.47	9336.79	65.47	00° 24' 06"	N 03° 49' 08" E
C145	218.15	9336.79	218.15	01° 20' 19"	N 03° 21' 02" E
C146	226.34	6579.09	226.33	01° 58' 16"	S 02° 58' 49" W

LINE #	BEARING	DISTANCE
L264	N 86° 22' 55" W	20.00
L290	S 89° 48' 42" E	21.42
L292	N 89° 43' 48" W	39.21
L597	S 86° 40' 31" E	20.00
L601	N 03° 28' 17" E	47.70
L293	N 64° 09' 44" E	18.68



COORDINATES			
Station	Offset	North	East
95+64.93	71.19 LT	2006040.837	958755.020
95+74.30	55.00 LT	2006048.976	958771.828
95+73.07	55.00 RT	2006040.036	958881.471
97+37.23	55.00 RT	2006204.834	958891.627
97+93.74	55.00 LT	2006266.748	958784.577
99+04.16	55.00 LT	2006376.434	958789.067
99+23.56	56.69 LT	2006395.769	958788.034

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES/SQ FT.	ACRES/SQ FT.	ACRES	ACRES/SQ FT.			
IEW0035	SYED S. ASHGAR & SHAHWAR F. SYED HUSBAND & WIFE AS JOINT TENANTS	0.500	0.025	N/A	0.002	105	0.475	N/A	N/A
IEW0035TE			N/A	N/A	N/A	N/A	N/A	CONSTRUCTION	18-28-326-004
IEW0084	11902 NORTH STREET PARTNERSHIP	0.947	0.118	N/A	N/A	N/A	0.829	N/A	N/A
IEW0084TE			N/A	N/A	N/A	N/A	N/A	CONSTRUCTION	18-28-302-014
IEW0085	VIRGINIA ANN HARDY AS SUCCESSOR TRUSTEE UNDER TRUST AGREEMENT KNOWN AS THE EUGENE A. HARDY AND VIRGINIA A. HARDY TRUST NO. 1	0.470	0.061	N/A	N/A	N/A	0.409	N/A	N/A
IEW0085TE			N/A	N/A	N/A	N/A	N/A	CONSTRUCTION	18-28-302-004

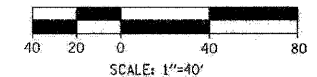
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USER NAME = 3639

PART OF THE NW. 1/4 OF THE SW 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	231
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
---	QUARTER SECTION LINE
---	QUARTER, QUARTER SECTION LINE
---	PLATTED LOT LINE
---	PROPERTY (DEED) LINE
---	APPROXIMATE PROPERTY LINE
---	EXISTING CENTERLINE
---	EXISTING RIGHT OF WAY LINE
---	PROPOSED CENTERLINE
---	PROPOSED RIGHT OF WAY LINE
---	PROPOSED EASEMENT LINE
---	MEASURED DIMENSION
---	COMPUTED DIMENSION
---	RECORDED DIMENSION
---	EXISTING BUILDING

- IRON PIPE OR ROD FOUND UNLESS OTHERWISE NOTED
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- OT2 SET 5/8 INCH IRON ROD FLUSH WITH ROD TO THE FOUND IRON STAKE.
- OT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OBT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT3
- STAKING OF PROPOSED RIGHT OF WAY.
- SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS.
- BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
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STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th. DAY OF JULY, 2007 A.D.



Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
910 WEST LAKE STREET
ROSELLE, IL 60172-3362
(815) 828-8000 FAX (815) 894-4910
Design Firm Professional Registration #164002320

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SHEET NO. 1 IS A COVER SHEET & NOT RECORDED
ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

REVISION	DATE	DESCRIPTION
	01/22/08	DEL. PARCEL 8711 REV. PARCEL 86&87
	03/17/08	REV. PARCEL 0087

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 99+23 LT TO STA 102+33 LT
DRAWN SMM CHECKED HCW
SCALE: 1"=40' SHEET NO. 22 OF XX

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C150	106.26	6579.09	106.26	00° 55' 31"	S 00° 24' 37" W

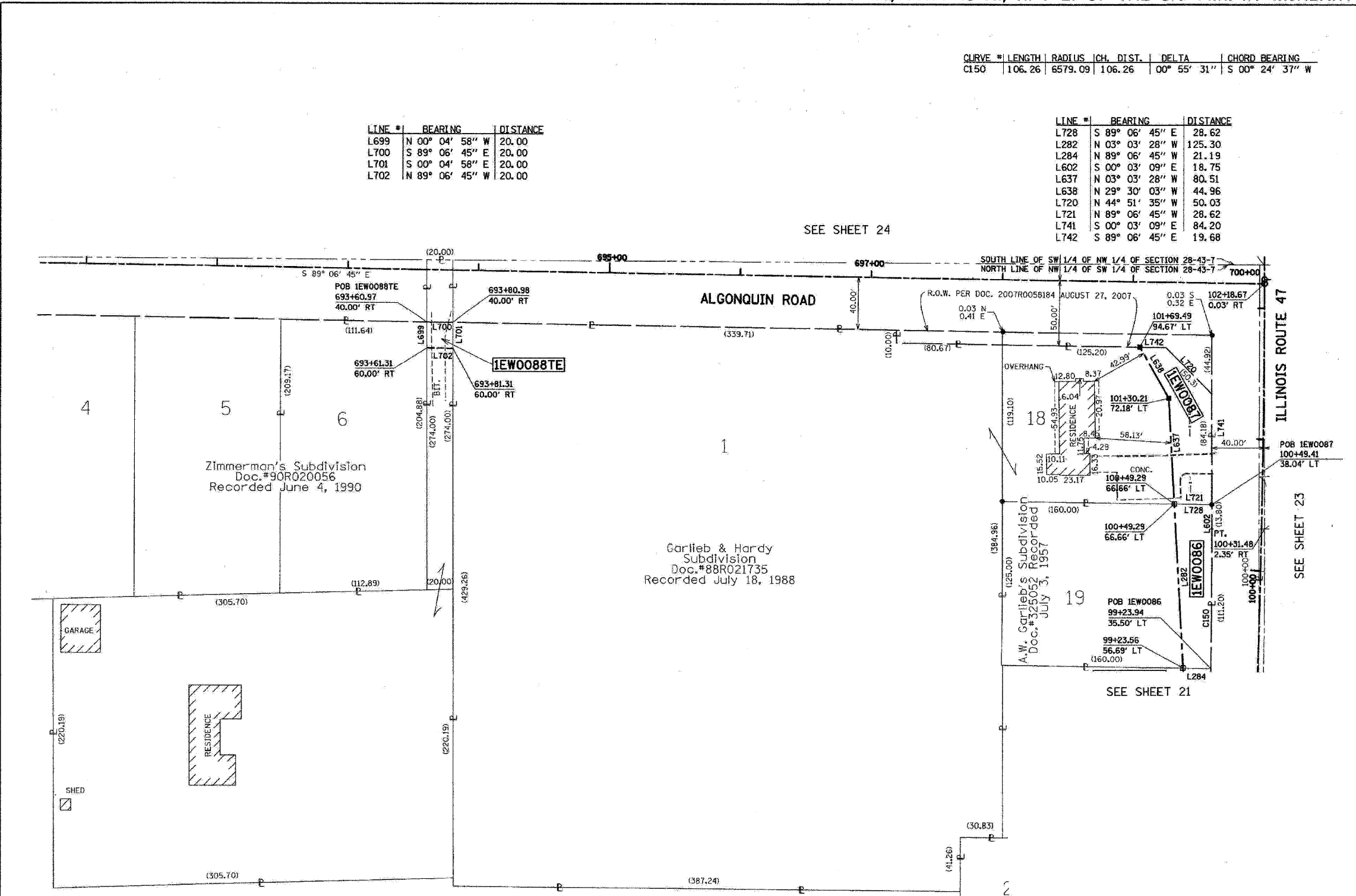
LINE #	BEARING	DISTANCE
L699	N 00° 04' 58" W	20.00
L700	S 89° 06' 45" E	20.00
L701	S 00° 04' 58" E	20.00
L702	N 89° 06' 45" W	20.00

LINE #	BEARING	DISTANCE
L728	S 89° 06' 45" E	28.62
L282	N 03° 03' 28" W	125.30
L284	N 89° 06' 45" W	21.19
L602	S 00° 03' 09" E	18.75
L637	N 03° 03' 28" W	80.51
L638	N 29° 30' 03" W	44.96
L720	N 44° 51' 35" W	50.03
L721	N 89° 06' 45" W	28.62
L741	S 00° 03' 09" E	84.20
L742	S 89° 06' 45" E	19.68

SEE SHEET 24

SEE SHEET 21

SEE SHEET 23



PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
		ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES				ACRES
1EWO086	VIRGINIA ANN HARDY AS TRUSTEE TRUST NO.1 AURTHUR W. & MARY FRANCES GARLIEB AS CO-TRUSTEES, TRUST DATED DEC. 15, 1993	0.459	0.072	N/A	N/A	N/A	0.387	N/A	N/A	18-28-302-003
1EWO087	CHRISTOS NIKOLAOU	4.493	0.082	N/A	N/A	N/A	4.411	N/A	N/A	18-28-302-002 18-28-302-010
1EWO088TE	MAURICE E. & MAUREEN R. GARCELON	1.658	N/A	N/A	N/A	N/A	1.658	0.009	400	CONSTRUCTION 18-28-301-023

COORDINATES			
Station	Offset	North	East
99+23.56	56.69 LT	2006395.769	958788.034
100+49.29	66.66 LT	2006520.887	958781.351
101+30.21	72.18 LT	2006601.280	958777.056
101+69.49	94.67 LT	2006640.411	958754.916

RECEIVED
MAR 17 2008
PLATS & LEGALS

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\11-mx\231.plt.dwg
PLOT SCALE = 1:1
USER NAME = 3836

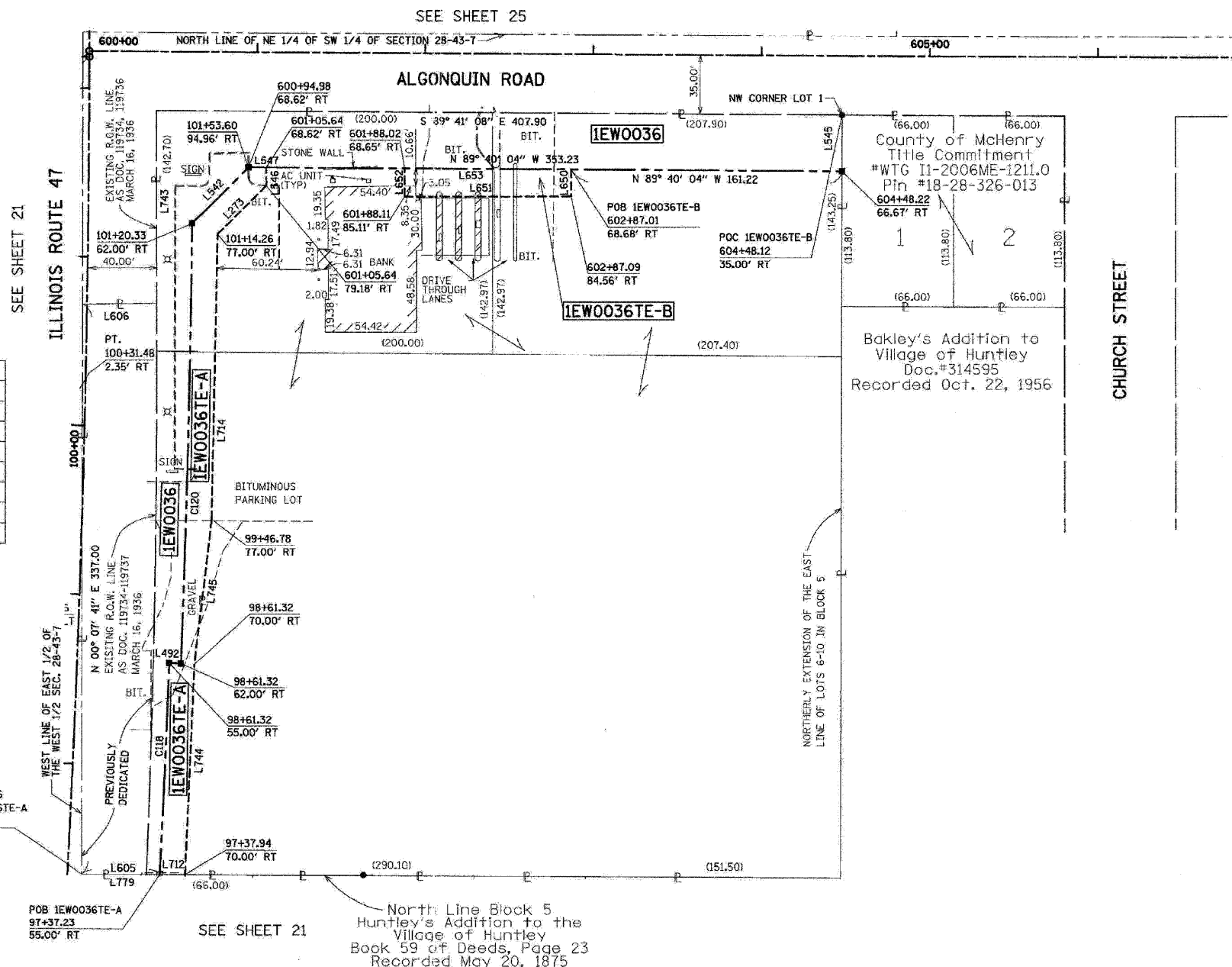
PART OF THE NE 1/4 OF THE SW 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C118	124.82	9446.79	124.82	00° 45' 25"	S 02° 38' 50" W
C120	260.72	9453.79	260.71	01° 34' 48"	S 01° 28' 43" W

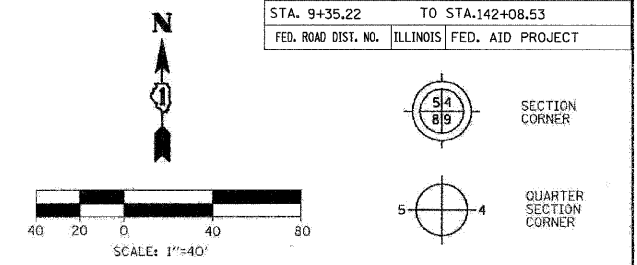
LINE #	BEARING	DISTANCE
L273	N 45° 05' 24" E	40.91
L492	N 87° 43' 52" W	7.00
L542	S 45° 05' 24" W	47.03
L545	S 00° 08' 54" W	33.73
L546	N 00° 19' 56" E	10.56
L547	N 89° 40' 04" W	10.65
L605	N 89° 44' 06" W	46.64
L606	N 89° 23' 41" E	44.20
L650	S 00° 00' 21" W	15.88
L651	S 89° 59' 53" W	98.98
L652	N 00° 00' 21" E	16.46
L653	S 89° 40' 04" E	98.98
L712	S 89° 44' 06" E	15.02
L714	N 01° 14' 12" E	168.85
L743	N 00° 03' 09" W	114.48
L744	N 02° 38' 42" E	124.29
L745	N 06° 39' 16" E	86.41
L779	S 89° 44' 06" E	46.64

COORDINATES			
Station	Offset	North	East
97+37.23	55.00 RT	2006204.834	958891.627
98+61.32	62.00 RT	2006329.243	958904.386
98+61.32	55.00 RT	2006329.520	958897.392
101+20.33	62.00 RT	2006589.870	958911.114
101+53.60	94.96 RT	2006623.072	958944.420
ALGONQUIN ROAD			
604+48.22	68.73 RT	2006621.023	959297.647



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	232

STA. 9+35.22 TO STA.142+08.53
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION (123.45)
- COMPUTED DIMENSION (123.45)
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- OT2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS } SS
COUNTY OF DU PAGE }

THIS IS TO CERTIFY THAT I, HAROLD C. WESTPHAL, JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 22, 23 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 AD.

HAROLD C. WESTPHAL, JR.
035-001973
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Design Your Professional Registration #18400276

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 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
1	10/22/07	REVISE PARCEL IEW0036
2	01/22/08	DEL PARCEL 38 REV PARCEL 36
3	01/22/09	ADDED OWNER ON LOTS EAST OF PARCEL 36

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY

JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 100+45 RT TO STA 102+33 RT
DRAWN SMM CHECKED HCW
SCALE: 1"=40' SHEET NO. 23 OF XX

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES SQ. FT.	ACRES SQ. FT.	ACRES	ACRES SQ. FT.			
IEW0036			0.813 N/A			N/A N/A	N/A	18-28-326-001	
IEW0036TE-A	HARRIS, N.A.	4.570	N/A N/A	0.331 N/A	3.757	0.140 N/A	CONSTRUCTION	18-28-326-002	
IEW0036TE-B			N/A N/A			0.037 N/A	CONSTRUCTION	18-28-326-003	

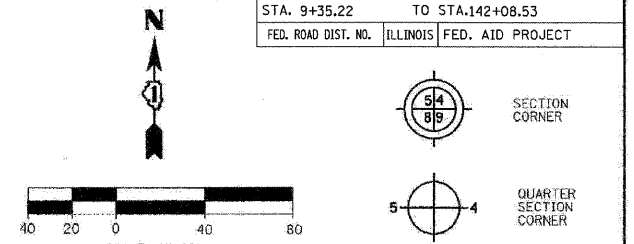
RECEIVED
JAN 28 2009
PLATS & LEGALS

PART OF THE NW. 14 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	233
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- 123.45
- 123.45 (COMP)
- (123.45)
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OB1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th. DAY OF JULY, 2007 A.D.

HAROLD C WESTPHAL JR.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8800 FAX (630) 894-4910
Design Firm Professional Registration #28092376

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO.1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
	12/11/07	REV PARCEL 91

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 102+33 LT TO STA 111+57 LT
DRAWN SMM CHECKED HCW
SCALE: 1"=40' SHEET NO. 24 OF XX

RECEIVED
JAN 28 2008
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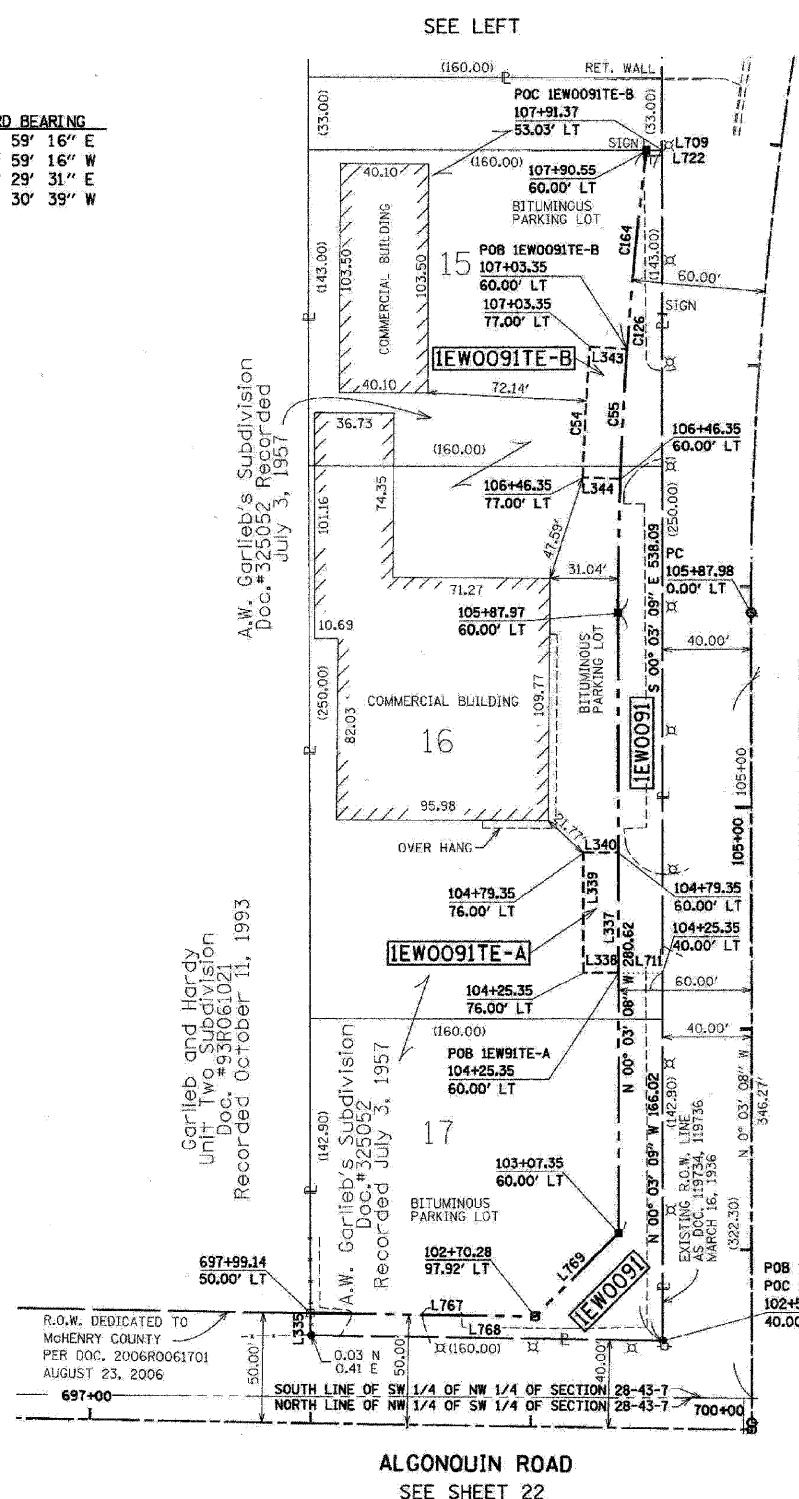
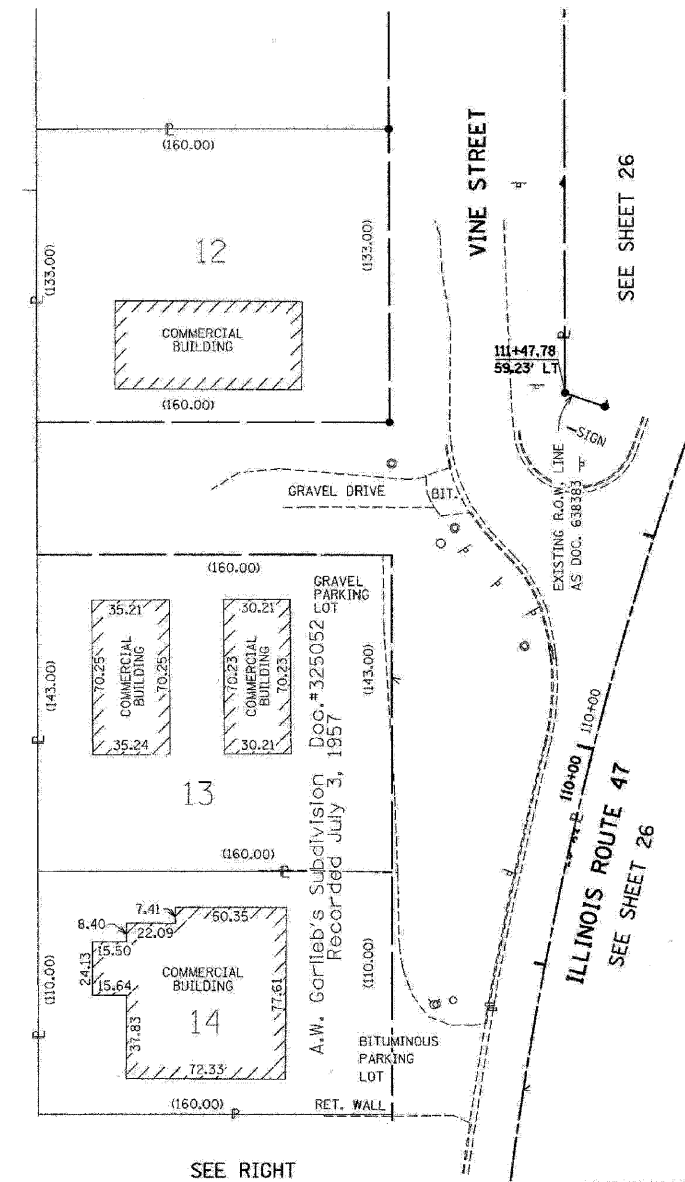
CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C54	59.68	1714.20	59.68	01° 59' 41"	N 02° 59' 16" E
C55	59.09	1697.20	59.09	01° 59' 41"	S 02° 59' 16" W
C126	210.00	1697.20	209.86	07° 05' 21"	N 03° 29' 31" E
C164	90.39	1697.20	90.38	03° 03' 06"	S 05° 30' 39" W

LINE #	BEARING	DISTANCE
L335	N 00° 06' 44" W	10.00
L337	S 00° 03' 08" E	54.00
L338	S 89° 56' 52" W	16.00
L339	N 00° 03' 08" W	54.00
L340	N 89° 56' 52" E	16.00
L343	S 86° 00' 54" E	17.00
L344	N 88° 00' 35" W	17.00
L709	S 89° 52' 52" E	7.02
L711	S 89° 56' 52" W	20.00
L722	N 89° 52' 52" W	7.02
L767	S 89° 06' 45" E	102.11
L768	N 89° 06' 45" W	160.02
L769	N 45° 35' 47" E	53.03

LINE #	BEARING	DISTANCE
L337	S 00° 03' 08" E	54.00
L338	S 89° 56' 52" W	16.00
L339	N 00° 03' 08" W	54.00
L340	N 89° 56' 52" E	16.00

LINE #	BEARING	DISTANCE
L335	S 00° 06' 44" E	10.00
L767	S 89° 06' 45" E	102.11
L768	N 89° 06' 45" W	160.02
L769	N 45° 35' 47" E	53.03

COORDINATES			
Station	Offset	Nor'th	East
102+70.28	97.92 LT	2006740.471	958751.848
103+07.35	60.00 LT	2006777.575	958789.733
105+87.97	60.00 LT	2007058.200	958789.477
107+90.55	60.00 LT	2007267.672	958802.259
ALGONQUIN ROAD			
697+99.14	50.00 LT	2006742.052	958649.749



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES	PREVIOUSLY DEDICATED ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY	
1EWO091	DNT PROPERTIES, L.L.C.	2.096	0.275	N/A	1.821	N/A	N/A	18-28-153-002		
1EWO091TE-A			N/A	N/A		N/A	N/A	0.020	CONSTRUCTION	18-28-153-004
1EWO091TE-B			N/A	N/A		N/A	N/A	0.023	CONSTRUCTION	18-28-153-005

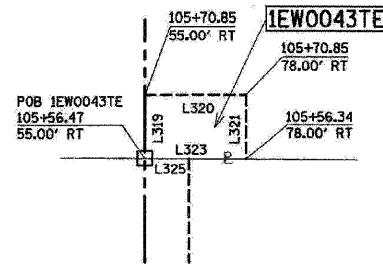
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PART OF THE NW 14 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

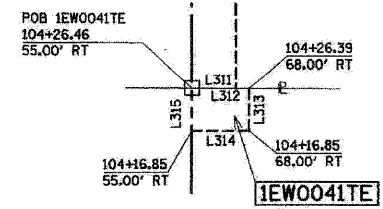
CONTRACT NO. 62882

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C125	167.28	1582.20	167.20	06° 03' 28"	S 02° 58' 34" W
C165	173.76	1637.20	173.67	06° 04' 51"	N 02° 59' 16" E

LINE #	BEARING	DISTANCE
L317	S 89° 43' 44" E	15.00
L319	S 00° 03' 08" E	14.38
L320	S 89° 56' 52" W	23.00
L321	S 00° 03' 08" E	14.51
L323	S 89° 43' 44" E	23.00
L324	S 37° 20' 01" E	7.72
L325	S 89° 43' 44" W	10.00
L326	N 00° 03' 08" W	15.62
L330	S 00° 03' 08" E	31.51
L665	N 89° 43' 44" W	55.00
L666	N 00° 03' 08" W	31.20
L667	S 83° 18' 02" E	55.01
L668	S 89° 43' 37" E	59.31
L723	S 89° 43' 44" E	55.00
L724	N 83° 18' 02" W	55.01

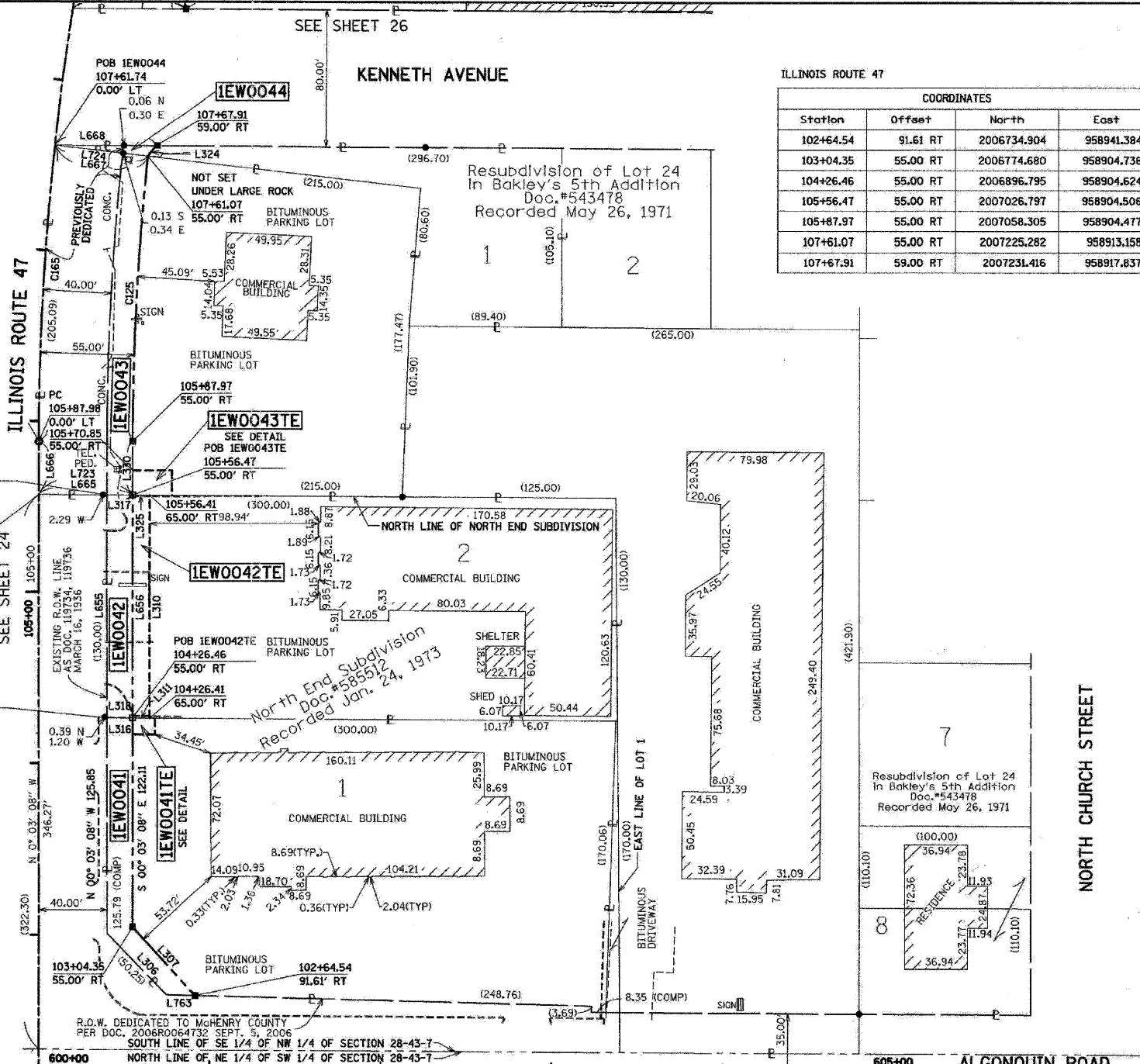


DETAIL IEW0043TE
SCALE: 1"=20'



DETAIL IEW0041TE
SCALE: 1"=20'

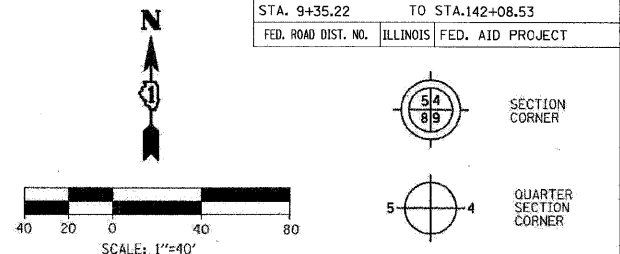
LINE #	BEARING	DISTANCE
L306	N 44° 25' 45" W	49.99
L307	S 42° 39' 22" E	54.09
L310	N 00° 03' 08" W	130.00
L311	S 89° 43' 44" E	10.00
L312	S 89° 43' 44" E	13.00
L313	S 00° 03' 08" E	9.54
L314	S 89° 56' 52" W	13.00
L315	N 00° 03' 08" W	9.61
L316	S 89° 43' 44" E	15.00
L317	S 89° 43' 44" E	15.00
L318	N 89° 43' 44" W	15.00
L655	N 00° 03' 08" W	130.00
L656	S 00° 03' 08" E	130.00
L763	N 88° 34' 25" W	16.66



ILLINOIS ROUTE 47

Station	Offset	North	East
102+64.54	91.61 RT	2006734.904	958941.384
103+04.35	55.00 RT	2006774.680	958904.736
104+26.46	55.00 RT	2006896.795	958904.624
105+56.47	55.00 RT	2007026.797	958904.506
105+87.97	55.00 RT	2007058.305	958904.477
107+61.07	55.00 RT	2007225.282	958913.158
107+67.91	59.00 RT	2007231.416	958917.837

LEGEND



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STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.
Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8800 FAX (630) 294-4918
Douglas Allen Professional Registration #010002576

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ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS

REVISION	DATE	DESCRIPTION
01-22-08	REV. PARCEL 42 & 44	
05-01-08	REV. 40 OWNER	
06-03-08	REMOVE 39&40	
06-03-08	REV. IEW0041	

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 102+33 RT TO STA 108+42 RT
DRAWN SMM CHECKED HCW
SCALE: 1"=40' SHEET NO. 25 OF XX

RECEIVED
JUN 06 2008
PLATS & LEGALS

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES/SQ FT.	ACRES/SQ FT.	ACRES	ACRES/SQ FT.			
IEW0041	DONALD B. & CHARLOTTE R. ZIELANSKI AS TRUSTEES, TRUST NO. 1	1.095	0.058	N/A	1.037	N/A	N/A	18-28-177-019	
IEW0041TE			N/A	N/A		0.003	125		
IEW0042	TIMOTHY E. & ANN L. ESSIG AS TRUSTEES, TRUST NO. 1	0.890	0.045	N/A	0.845	N/A	N/A	18-28-177-002	
IEW0042TE			N/A	N/A		0.030	N/A		
IEW0043	BILL KYRIAZAKOS, TAMMY & STEVE ISAKALIOS	0.950	0.255	N/A	0.695	N/A	N/A	18-28-177-001	
IEW0043TE			N/A	N/A		0.008	332		
IEW0044	KENNETH P. & JOAN E. BAKLEY	0.264	0.004	183	0.002	N/A	N/A	18-28-177-005	

PART OF THE NW. 14 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

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326		McHENRY	502	235
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

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JAN 28 2009
PLATS & LEGALS

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COUNTY OF DU PAGE }

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DATED AT ROSELLE, ILLINOIS, THIS 18th, DAY OF JULY, 2007 A.D.



Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

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REVISION	DATE	DESCRIPTION
10-22-07		REVISE PARCEL 1EWO045
01-22-08		REV PARCEL 45, 46 & 92
01-30-08		REVISED
06-30-08		REV 92 TAX #
01-22-09		REV 1EWO045 & 1EWO092
01-29-09		LABELLED 92TE
01-29-09		REVISED 45TE

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 108+42 TO STA 117+40
DRAWN SMM CHECKED HCW
SCALE: 1"=40' SHEET NO. 26 OF XX

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C56	78.41	1567.20	78.40	02° 52' 00"	S 35° 56' 52" W
C157	5.06	25.00	5.05	11° 35' 36"	S 58° 21' 34" E
C159	66.16	1577.20	66.15	02° 24' 12"	S 33° 19' 48" W
C161	34.24	25.00	31.62	78° 27' 50"	S 76° 36' 44" W
C162	76.44	1597.20	76.44	02° 44' 32"	S 35° 56' 06" W
C163	78.43	1577.20	78.42	02° 50' 57"	N 35° 57' 22" E

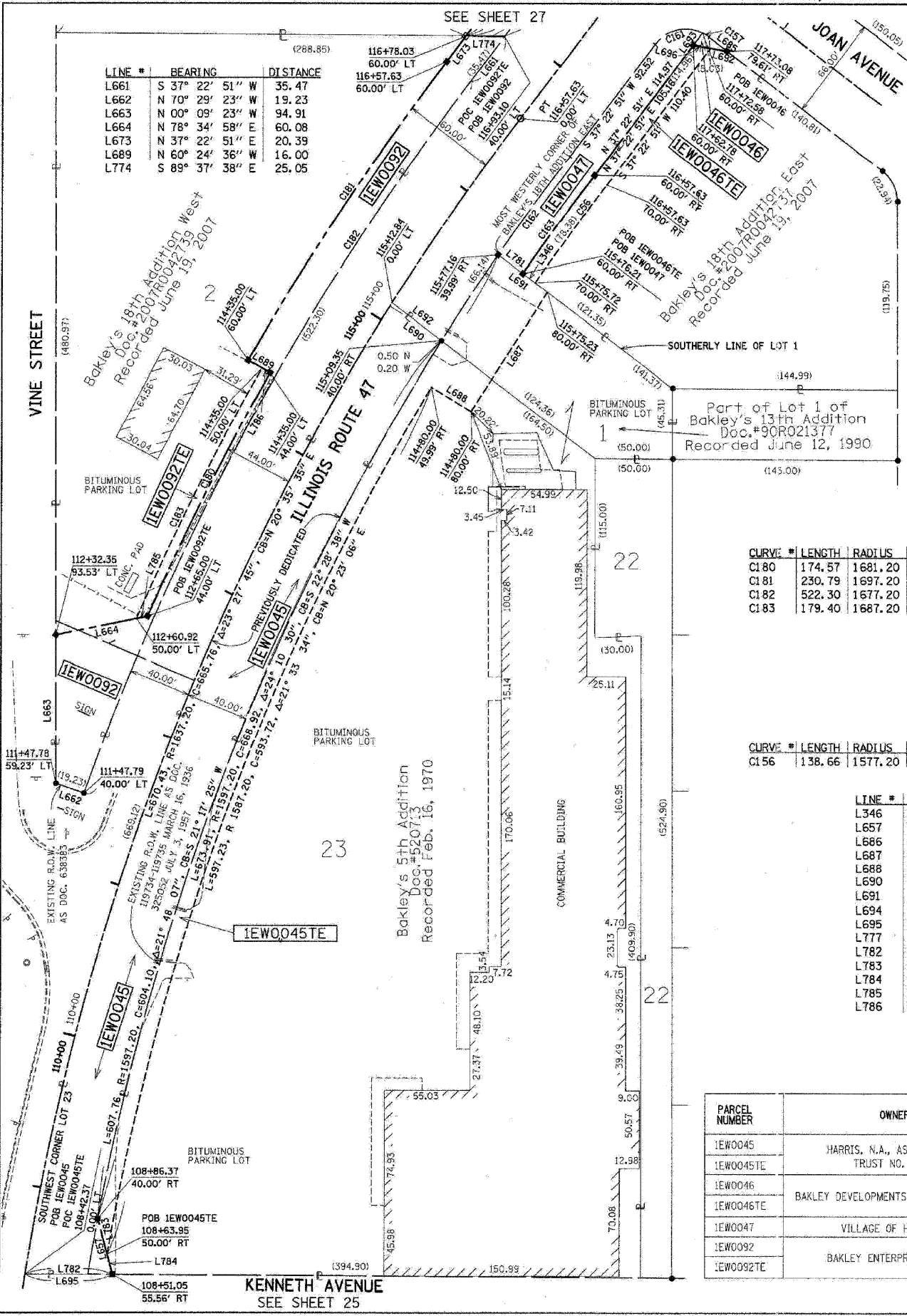
LINE #	BEARING	DISTANCE
L685	S 52° 35' 07" E	14.59
L692	N 80° 19' 50" W	22.16
L693	N 37° 22' 51" E	9.81
L696	S 80° 19' 50" E	11.30
L781	S 52° 48' 51" E	20.02

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C180	174.57	1681.20	174.49	05° 56' 58"	N 26° 36' 55" E
C181	230.79	1697.20	230.61	07° 47' 29"	N 33° 29' 02" E
C182	522.30	1677.20	520.19	17° 50' 33"	S 28° 27' 36" W
C183	179.40	1687.20	179.31	06° 05' 32"	S 26° 32' 38" W

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C156	138.66	1577.20	138.61	05° 02' 13"	N 12° 19' 08" E

LINE #	BEARING	DISTANCE
L346	N 52° 48' 51" W	10.01
L657	S 14° 38' 12" E	37.65
L686	N 52° 37' 09" W	10.00
L687	N 32° 49' 52" E	90.56
L688	S 58° 50' 07" E	30.01
L690	S 52° 48' 51" E	40.02
L691	N 52° 48' 51" W	40.05
L694	S 17° 13' 52" W	52.98
L695	S 89° 43' 37" E	56.22
L777	S 52° 48' 51" E	60.23
L782	N 89° 43' 37" W	56.22
L783	S 14° 38' 12" E	23.94
L784	N 14° 38' 12" W	13.66
L785	N 78° 35' 44" E	7.32
L786	N 60° 24' 36" W	6.00

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES SQ FT.	ACRES SQ FT.	ACRES	ACRES SQ FT.			
1EWO045	HARRIS, N.A., AS TRUSTEE, TRUST NO. 1762	4.268	0.609	N/A	3.659	N/A	N/A	18-28-176-001	
1EWO045TE		N/A	N/A	0.604	N/A	0.221	N/A	CONSTRUCTION	18-28-176-011
1EWO046	BAKLEY DEVELOPMENTS, A PARTNERSHIP	0.843	0.002	100	0.841	N/A	N/A	N/A	
1EWO046TE		N/A	N/A	N/A	N/A	0.043	N/A	CONSTRUCTION	N/A
1EWO047	VILLAGE OF HUNTLEY	0.086	0.086	N/A	N/A	N/A	N/A	N/A	
1EWO092	BAKLEY ENTERPRISES, INC.	1.520	0.226	N/A	1.292	N/A	N/A	18-28-126-025	
1EWO092TE		N/A	N/A	N/A	N/A	0.024	N/A	CONSTRUCTION	18-28-126-026



PLAT DATE: McHENRY, August 06, 2009
FILE NAME: S:\11-CADD\11-mh-1236.dwg, 25.dgn
PLOT SCALE: 1"=40'
USER NAME: J.3838

PART OF THE NW. 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

PARCEL NUMBER	OWNER	TOTAL HOLDING		TAKEN AREA		PREVIOUSLY DEDICATED		REMAINDER AREA		EASEMENT AREA		PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY		
		ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.							
1EWO048	VILLAGE OF HUNTLEY	0.416	0.416	N/A	N/A	N/A	N/A	0.00	N/A	N/A	N/A	N/A	N/A			
1EWO049	BAKLEY DEVELOPMENTS, A PARTNERSHIP	5.113	N/A	N/A	N/A	N/A	N/A	5.112	0.130	N/A	CONSTRUCTION	18-28-128-013				
1EWO049TE-A												18-28-128-017				
1EWO049TE-B												18-28-128-018				
1EWO093	VILLAGE OF HUNTLEY	0.287	0.287	N/A	N/A	N/A	N/A	0.00	N/A	N/A	N/A	N/A				
1EWO094	BAKLEY ENTERPRISES, INC.	11.903	N/A	N/A	N/A	N/A	N/A	10.372 (N OF JOAN AVE)	0.046	N/A	CONSTRUCTION	18-28-126-025				
1EWO094TE-A												18-28-126-026				
1EWO094TE-B												0.897 (S OF JOAN AVE)	0.036	N/A	CONSTRUCTION	
1EWO094PE												0.009	400	N/A	N/A	

JOAN AVENUE

Station	Offset	North	East
5+78.13	70.00 LT	2008357.561	958885.936
5+78.29	70.00 RT	2008217.561	958886.317
6+15.17	33.00 LT	2008320.621	958923.036
6+15.25	33.00 RT	2008254.622	958923.216
7+14.18	33.00 LT	2008320.784	959022.038
7+14.18	33.00 RT	2008254.784	959022.146
8+84.76	33.00 RT	2008213.005	959165.987
8+94.45	33.00 LT	2008262.755	959210.414

LINE #	BEARING	DISTANCE
L671	N 52° 37' 09" W	20.00
L672	S 52° 37' 09" E	20.00
L674	N 89° 37' 38" W	25.05
L675	S 89° 37' 40" E	25.05
L676	N 11° 18' 16" W	69.74
L677	S 89° 54' 22" W	98.93
L678	S 44° 52' 30" W	52.30
L679	S 45° 07' 30" E	52.35
L680	N 89° 54' 22" E	99.00
L681	N 82° 16' 47" E	66.99
L682	N 00° 09' 23" W	140.00
L683	N 37° 22' 51" E	48.13
L900	N 37° 22' 51" E	20.00
L901	N 52° 37' 09" W	20.00
L902	S 37° 22' 51" W	20.00
L903	N 37° 22' 51" E	79.35
L904	S 52° 37' 09" E	20.00
L905	S 37° 22' 51" W	79.35

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C173	200.11	333.00	197.11	34° 25' 50"	S 72° 52' 43" E
C174	151.82	267.00	149.79	32° 34' 47"	N 73° 48' 14" W

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C160	34.24	25.00	31.62	78° 27' 44"	N 01° 51' 04" W
C345	5.10	25.00	5.09	11° 40' 57"	N 46° 55' 24" W

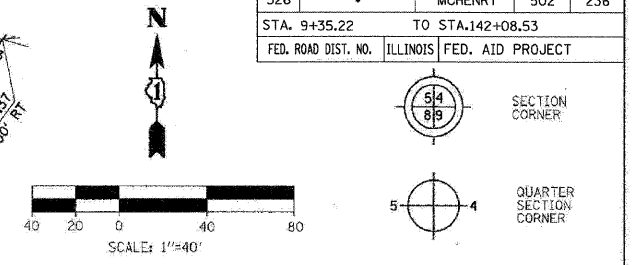
ILLINOIS ROUTE 47

Station	Offset	North	East
116+78.03	60.00 LT	2008106.368	959150.436
117+26.16	60.00 LT	2008144.615	959179.658
118+39.08	70.00 RT	2008155.422	959351.516
118+39.59	60.00 RT	2008161.897	959343.878
118+49.96	60.00 RT	2008170.132	959350.170
118+86.16	60.00 LT	2008271.754	959276.796
123+04.17	60.00 LT	2008603.909	959530.572
127+55.36	60.00 RT	2008889.582	959889.852

SEE SHEET 28

LEGEND

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	236
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT3 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY.
- SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS.
- BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

THIS IS TO CERTIFY THAT I, HAROLD C. WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

HAROLD C. WESTPHAL JR.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Design Firm Professional Registration #25802376

- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
- COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
- BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
	01-22-08	REV PARCEL 49
	01-29-08	ADD 1EWO049
	01-30-08	REVISED
	04-28-08	REV 94 AREAS
	06-30-08	REV 49 TAX #
	06-30-08	REV 94 TAX #
	01-22-09	REV 94 & 94TE
	01-22-09	ADDED 94PE
	01-29-09	REVISE 94PE

ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 28 T 43, R 7 OF 3rd P.M.
STA 117+40 TO STA 127+20
DRAWN SMM CHECKED HCW
SCALE: 1"=40' SHEET NO. 27 OF XX

RECEIVED

JAN 28 2009

PLATS & LEGALS

PLAT DATE = Wednesday, August 25, 2009
FILE NAME = S:\11-CAD\01-wr\11-153-plat-26.dgn
PLOT SCALE = 1/4"=40'
USER NAME = 3830

Bakley's 18th Addition West
Doc. # 2007R0042739
Recorded June 19, 2007

POC 1EWO094
POB 1EWO094TE-A
POC 1EWO094TE-B
POC 1EWO094PE
116+78.03
60.00' LT

NE CORNER LOT 2 SEE SHEET 26

PART OF THE NW 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

LEGEND

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	237
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
---	QUARTER SECTION LINE
---	QUARTER, QUARTER SECTION LINE
---	PLATTED LOT LINE
---	PROPERTY (DEED) LINE
---	APPARENT PROPERTY LINE
---	EXISTING CENTERLINE
---	EXISTING RIGHT OF WAY LINE
---	PROPOSED CENTERLINE
---	PROPOSED RIGHT OF WAY LINE
---	PROPOSED EASEMENT LINE
---	MEASURED DIMENSION
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---	RECORDED DIMENSION

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- + CUT CROSS FOUND OR SET
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- T3 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
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- STAKING OF PROPOSED RIGHT OF WAY.
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- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
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STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

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DATED AT ROSELLE, ILLINOIS, THIS 18th. DAY OF JULY, 2007 A.D.



Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8000 FAX (630) 894-4910
Design Firm Professional Registration #184602376

SURVEYOR NOTE:

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SHEET NO.1 IS A COVER SHEET & NOT RECORDED

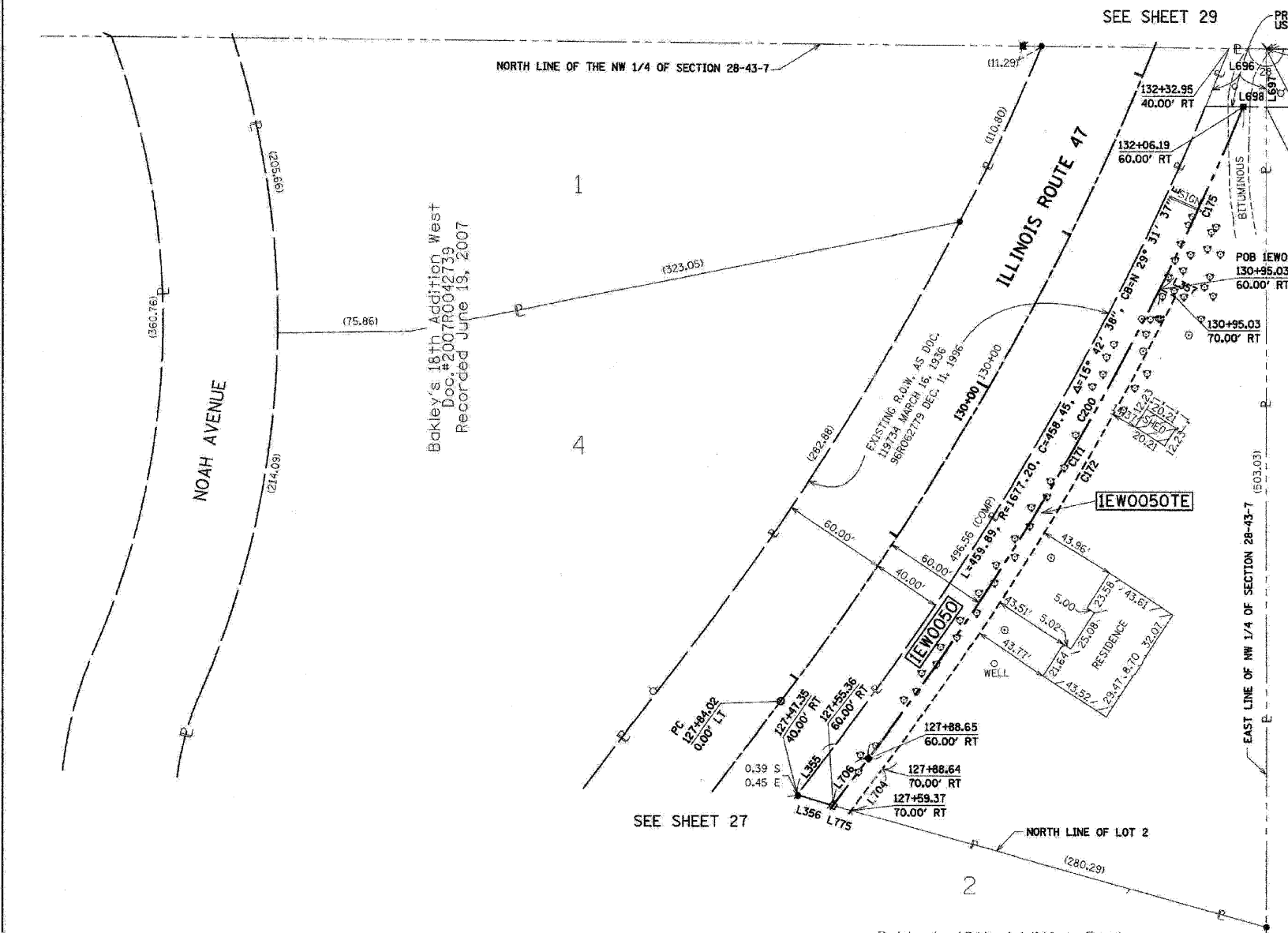
REVISION		ILLINOIS DEPT. OF TRANSPORTATION PLAT OF HIGHWAYS
DATE	DESCRIPTION	
10-09-07	SIGN ADDED	ROUTE FAP 326 (IL 47) SECTION REED RD. TO KREUTZER RD. COUNTY McHENRY JOB* R-91-018-01 PROJECT* R-91-018-01 SEC 28 T 43, R 7 OF 3rd P.M. STA 127+20 TO STA 132+18 DRAWN SMM CHECKED HCW SCALE: 1"=40' SHEET NO. 28 OF XX

RECEIVED
JAN 28 2008
PLATS & LEGALS

LINE #	BEARING	DISTANCE
L355	N 37° 22' 51" E	36.67
L356	N 74° 26' 24" W	21.54
L357	N 63° 30' 08" W	10.00
L696	S 89° 26' 48" E	21.40
L697	S 00° 02' 13" E	33.00
L698	N 89° 26' 48" W	13.29
L704	N 37° 22' 51" E	29.47
L775	S 74° 26' 24" E	10.77
L706	S 37° 22' 51" W	33.46

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C171	317.60	1697.20	317.14	10° 43' 19"	S 31° 51' 32" W
C172	319.49	1707.20	319.02	10° 43' 21"	N 31° 51' 33" E
C175	115.24	1697.20	115.21	03° 53' 25"	S 24° 33' 10" W
C200	432.84	1697.20	431.67	14° 36' 44"	S 29° 54' 49" W

COORDINATES			
Station	Offset	North	East
127+55.36	60.00 RT	2008889.582	959899.852
127+88.65	60.00 RT	2008916.171	959920.167
132+06.19	60.00 RT	2009290.331	960135.437



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	TAKEN AREA ACRES/SQ FT.	PREVIOUSLY DEDICATED ACRES/SQ FT.	REMAINDER AREA ACRES	EASEMENT AREA ACRES/SQ FT.	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
1EWO050	KENNETH P. BAKLEY, JR.	1.506	0.234	N/A	0.021	N/A	N/A	18-28-127-006	
1EWO050TE			N/A	N/A		0.080	N/A		

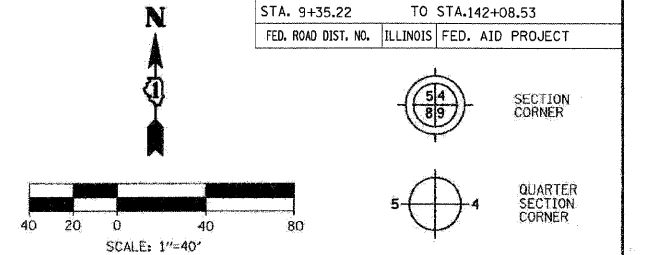
PLOT DATE = McHENRY Acad. 05. 2009
FILE NAME = S:\11\CORD\01-111\237.plat-27.dgn
PLOT SCALE = 11
USER NAME = 3839

PART OF THE SE 1/4 OF THE SW 1/4 OF SEC. 21, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	238
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

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- + CUT CROSS FOUND OR SET
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- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2
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STATE OF ILLINOIS)
COUNTY OF DU PAGE) SS

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DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold C Westphal Jr.
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EXPIRES NOVEMBER 30, 2008

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Design Firm Professional Registration #2600278

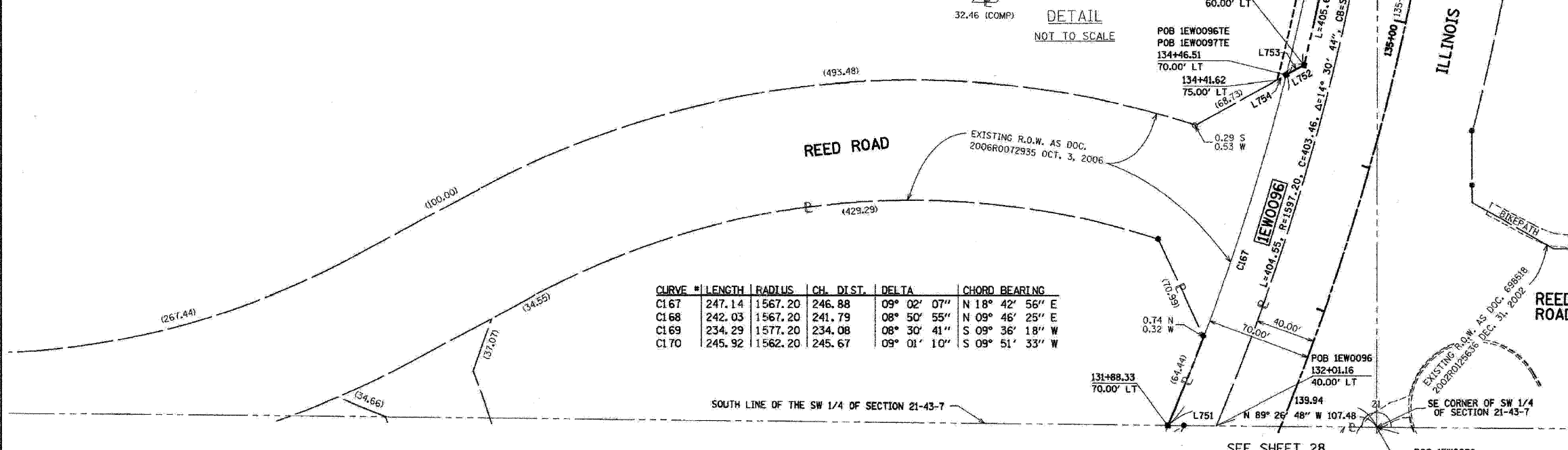
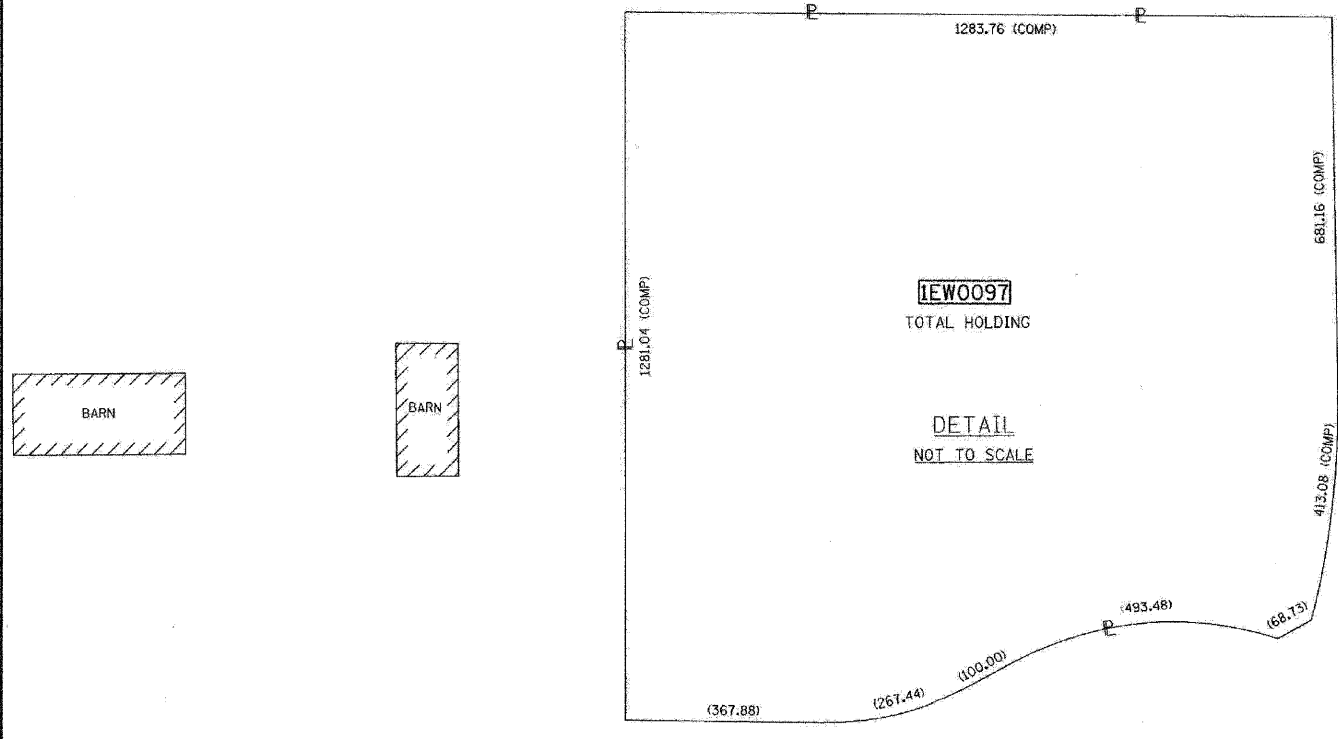
- SURVEYOR NOTE:
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 - BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO.1 IS A COVER SHEET & NOT RECORDED

REVISION	ILLINOIS DEPT. OF TRANSPORTATION
DATE	DESCRIPTION
03-25-08	REV 0096 PIN
ROUTE FAP 326 (IL 47)	
SECTION REED RD. TO KREUTZER RD.	
COUNTY McHENRY	
JOB# R-91-018-01 PROJECT# R-91-018-01	
SEC 21 T 43, R 7 OF 3rd P.M.	
STA 132+18 TO STA 139+00	
DRAWN SMM CHECKED HCW	
SCALE: 1"=40' SHEET NO. 29 OF XX	

LINE #	BEARING	DISTANCE
L751	N 89° 26' 48" W	32.46
L752	N 61° 14' 59" E	13.62
L753	S 61° 14' 59" W	13.62
L754	N 61° 14' 59" E	6.84
L770	N 84° 39' 02" W	5.00
L771	S 84° 39' 02" E	10.00

CURVE #	LENGTH	RADIUS	CH. DIST.	DELTA	CHORD BEARING
C167	247.14	1567.20	246.88	09° 02' 07"	N 18° 42' 56" E
C168	242.03	1567.20	241.79	08° 50' 55"	N 09° 46' 25" E
C169	234.29	1577.20	234.08	08° 30' 41"	S 09° 36' 18" W
C170	245.92	1562.20	245.67	09° 01' 10"	S 09° 51' 33" W



PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES/SQ FT.	ACRES/SQ FT.	ACRES	ACRES/SQ FT.			
IEW0096	HUNTLEY VENTURE, L.L.C.	0.637	0.446	N/A	N/A	0.251	N/A	18-21-300-037	
IEW0096TE			N/A	N/A	N/A	0.055	N/A		
IEW0097TE	F.C.M. OF HUNTLEY, L.L.C.	35.241	N/A	N/A	N/A	35.241	0.028	N/A	CONSTRUCTION

COORDINATES			
Station	Offset	North	East
131+88.33	70.00 LT	2009324.556	960008.762
134+46.51	70.00 LT	2009558.386	960087.980
134+56.14	60.00 LT	2009564.939	960099.925
138+77.22	60.00 LT	2009966.873	960145.667

RECEIVED
MAR 25 2008
PLATS & LEGAL

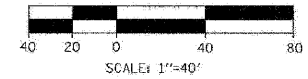
PLOT DATE = 03/25/08
FILE NAME = S:\11-CADD\11-238.plt
PLOT SCALE = 1:1
USER NAME = 3838

PART OF THE SE 1/4 OF THE SW 1/4 OF SEC. 21, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

LEGEND

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	239
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

---	SECTION LINE
- - - -	QUARTER SECTION LINE
- . - . - .	QUARTER, QUARTER SECTION LINE
- - - - -	PLATTED LOT LINE
- . - . - .	PROPERTY (EED) LINE
- - - - -	APPL
- . - . - .	APPARENT PROPERTY LINE
- - - - -	EXISTING CENTERLINE
- - - - -	EXISTING RIGHT OF WAY LINE
- - - - -	PROPOSED CENTERLINE
- - - - -	PROPOSED RIGHT OF WAY LINE
- - - - -	PROPOSED EASEMENT LINE
123.45	MEASURED DIMENSION
123.45 (COMP)	COMPUTED DIMENSION
(123.45)	RECORDED DIMENSION
[Hatched Box]	EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- OB1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.I. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
COUNTY OF DU PAGE } SS

THIS IS TO CERTIFY THAT I, HAROLD C WESTPHAL JR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 21, 27, 28, 32 & 33, TOWNSHIP 43 NORTH, RANGE 7 EAST AND SECTIONS 4 & 5, TOWNSHIP 42 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY & KANE COUNTIES, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS, THIS 18th. DAY OF JULY, 2007 A.D.



Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(630) 529-8006 FAX (630) 894-4910
Design Firm Professional Registration #284002376

SURVEYOR NOTE:

- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
- COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.
- BUILDINGS SHOWN WITHOUT TIES WERE SCALED FROM AERIAL IMAGES. SIZE AND LOCATION ARE APPROXIMATE.

SHEET NO. 1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION
	12/11/07	ADD DETAIL

**ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS**

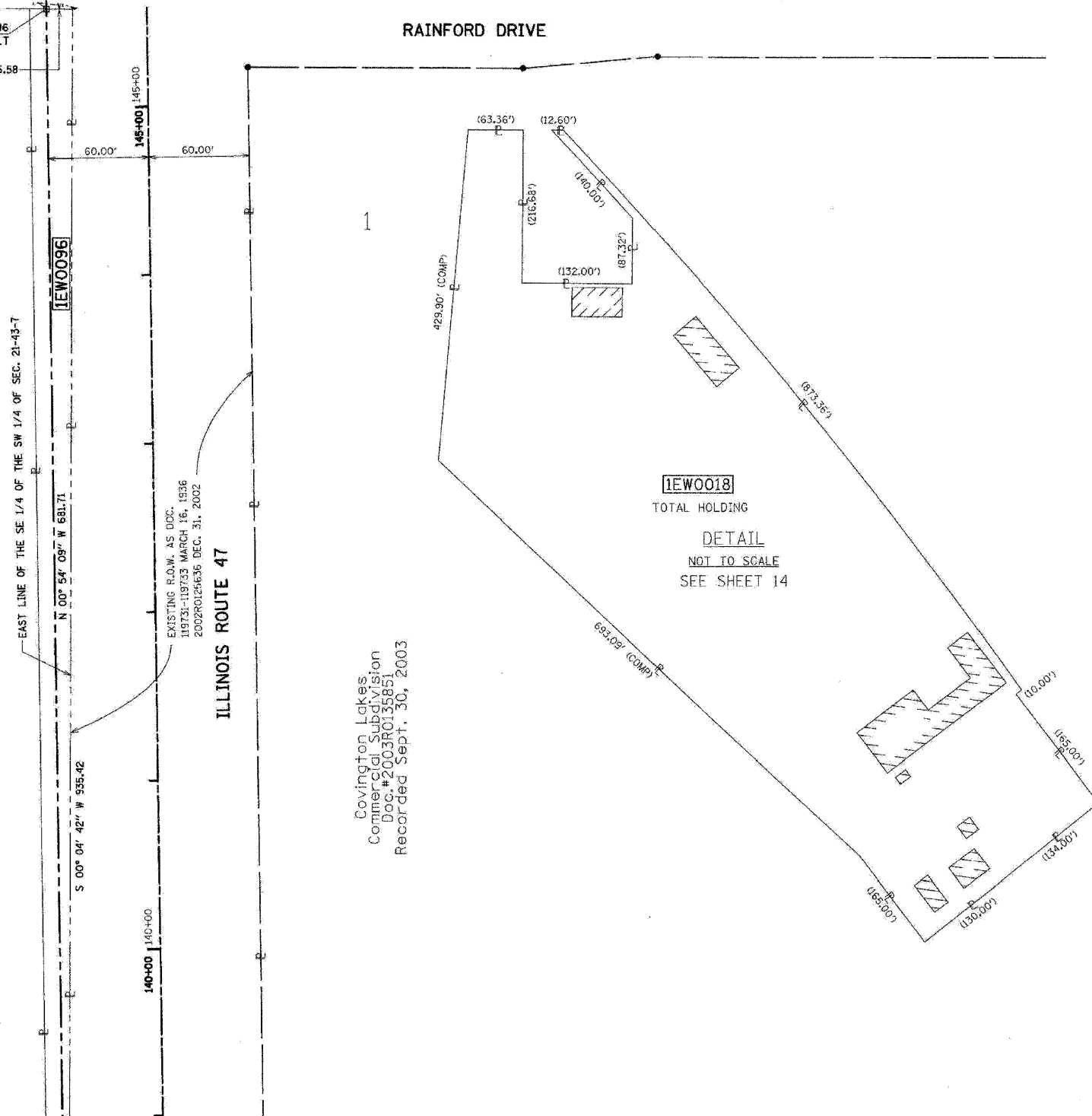
ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY McHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SEC 21 T 43, R 7 OF 3rd P.M.
STA 139+00 TO STA 145+58
DRAWN SMM CHECKED HCW
SCALE: 1"=40' SHEET NO. 30 OF XX

RECEIVED
DEC 10 2007
PLATS & LEGALS

COORDINATES			
Station	Offset	North	East
145+58.96	60.00 LT	2010648.500	960134.930

SEE SHEET 31

RAINFORD DRIVE



Covington Lakes
Commercial Subdivision
Doc. # 2003R0135851
Recorded Sept. 30, 2003

SEE SHEET 29

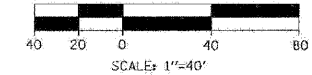
PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES/SQ. FT.	ACRES/SQ. FT.	ACRES	ACRES/SQ. FT.			
1EWO096	HUNTLEY VENTURE, L.L.C.	0.697	0.446	N/A	N/A	0.251	N/A	18-21-300-026	

PART OF THE NE 1/4 OF THE SW 1/4 OF SEC. 21, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

LEGEND

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	McHENRY	502	240
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- 123.45 COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
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- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF DU PAGE) SS

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DATED AT ROSELLE, ILLINOIS, THIS 18th. DAY OF JULY, 2007 A.D.



Harold C. Westphal Jr.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
 EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
 910 WEST LAKE STREET
 ROSELLE, IL 60172-3352
 (630) 529-8000 FAX (630) 894-4810
 Design Firm Professional Registration #186002776

- SURVEYOR NOTE:
- ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 - COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.

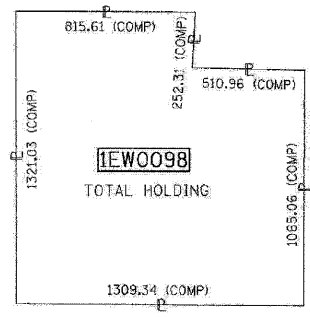
SHEET NO.1 IS A COVER SHEET & NOT RECORDED

REVISION	DATE	DESCRIPTION

ILLINOIS DEPT. OF TRANSPORTATION
 PLAT OF HIGHWAYS
 ROUTE FAP 326 (IL 47)
 SECTION REED RD. TO KREUTZER RD.
 COUNTY McHENRY
 JOB# R-91-018-01 PROJECT# R-91-018-01
 SEC 21 T 43, R 7 OF 3rd P.M.
 STA 145+58 TO STA 150+35
 DRAWN SMM CHECKED HCW
 SCALE: 1"=40' SHEET NO. 31 OF XX

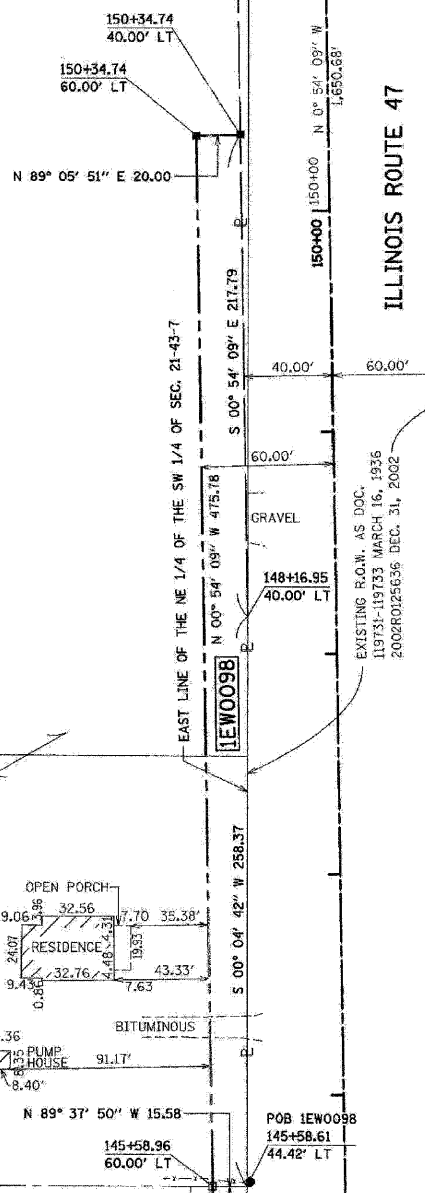
RECEIVED
 NOV 0 2 2007
 PLATS & LEGALS

SCANNED



DETAIL
 NOT TO SCALE

Station	Offset	North	East
145+58.96	60.00 LT	2010648.500	960134.930
150+34.74	40.00 LT	2011124.537	960147.434
150+34.74	60.00 LT	2011124.222	960127.437



SEE SHEET 30

PARCEL NUMBER	OWNER	TOTAL HOLDING	TAKEN AREA	PREVIOUSLY DEDICATED	REMAINDER AREA	EASEMENT AREA	PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES/SQ FT.	ACRES/SQ FT.	ACRES	ACRES/SQ FT.			
1EWO098	JERRY T. & MARILYN G. HUTCHINSON, AS TRUSTEES UNDER LOVING TRUST	39.609	0.205	N/A	N/A	N/A	N/A	18-21-300-005	

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\11-int\240.plt\30.dgn
 USER = jh
 USER NAME = 3838

PART OF THE SE 1/4 OF SEC. 32 AND PART OF THE W. 1/2 OF SEC. 33, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN MCHENRY COUNTY, ILLINOIS.

PART OF THE NW 1/4 OF SEC. 4 AND PART OF THE NE 1/4 OF SEC. 5, TWP. 42 N., R. 7 E. OF THE 3rd P.M. IN KANE COUNTY, ILLINOIS.

CONTRACT NO. 62882

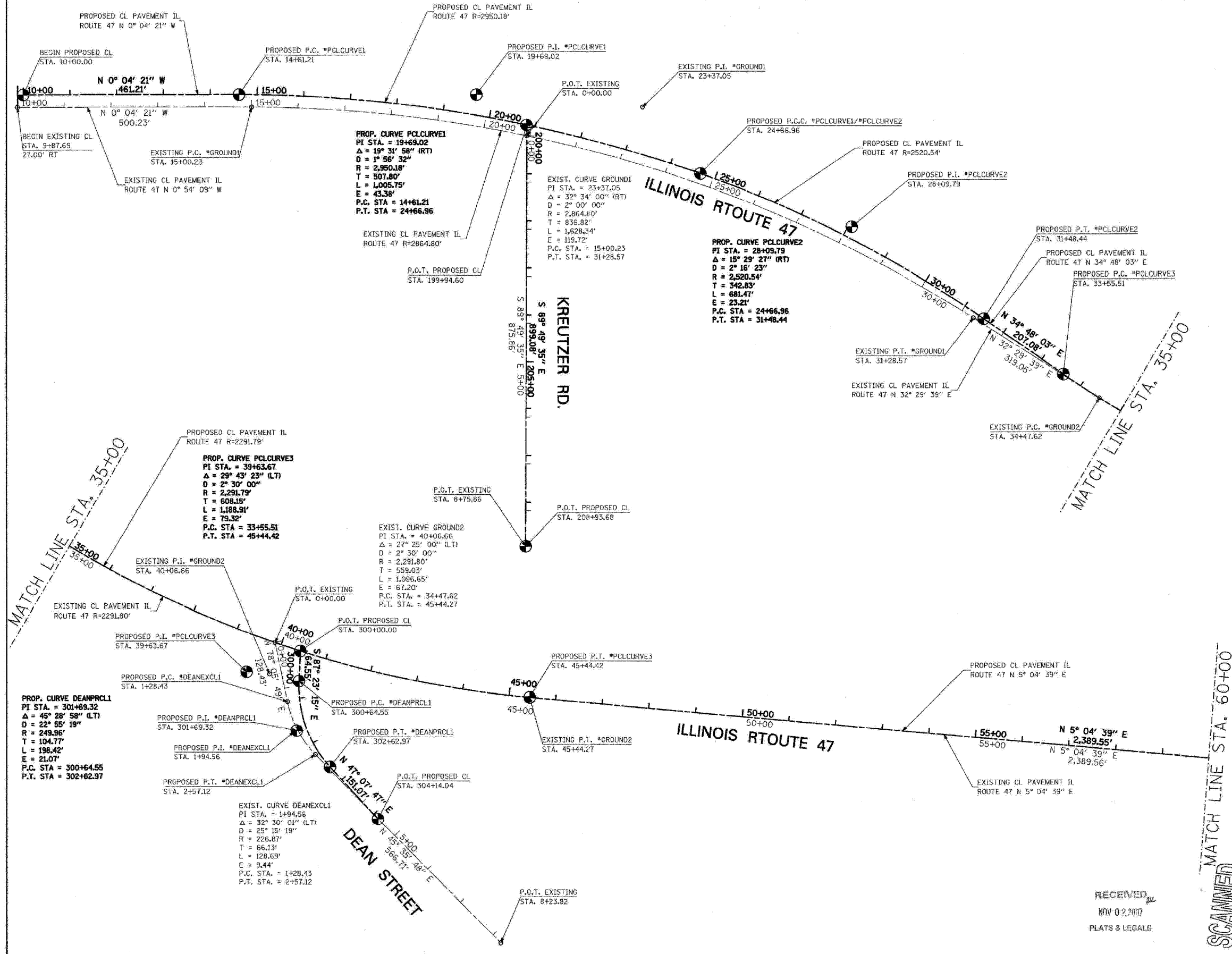
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	241
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATES GROUND SYSTEM, NAD83, EAST ZONE, AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

---	SECTION LINE
---	QUARTER SECTION LINE
---	QUARTER, QUARTER SECTION LINE
---	PLATTED LOT LINE
---	PROPERTY (DEED) LINE
---	APPARENT PROPERTY LINE
---	EXISTING CENTERLINE
---	EXISTING RIGHT OF WAY LINE
---	PROPOSED CENTERLINE
---	PROPOSED RIGHT OF WAY LINE
---	PROPOSED CASEMENT LINE
---	MEASURED DIMENSION
---	COMPUTED DIMENSION
---	RECORDED DIMENSION

- IRON PIPE OR ROD FOUND (UNLESS OTHERWISE NOTED)
- + CUT CROSS FOUND OR SET
- OT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- T3
- OB1 THESE STAKES, IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BT3
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY ON CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



STATE OF ILLINOIS)
 COUNTY OF DU PAGE) SS

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DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.



Harold C. Westphal Jr.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
 EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
 910 WEST LAKE STREET
 ROSELLE, IL 60172-3352
 (630) 529-8000 FAX (630) 894-4910
 Design Firm Professional Registration #984002976

SURVEYOR NOTE:
 1. ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
 2. COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.9999988.

REVISION	ILLINOIS DEPT. OF TRANSPORTATION
DATE DESCRIPTION	PLAT OF HIGHWAYS
	ROUTE FAP 326 (IL 47)
	SECTION: REED RD. TO KREUTZER RD.
	COUNTY KANE AND MCHENRY
	JOB# R-91-018-01 PROJECT# R-91-018-01
	SECS 4&5,32&33 T 42&43, R 7 OF 3rd P.M.
	STA 10+00 TO STA 60+00
	DRAWN SKC CHECKED HCW
	SCALE: 1"=100' SHEET NO. 32 OF XX

RECEIVED
 NOV 02 2007
 PLATS & LEGALS

SCANNED

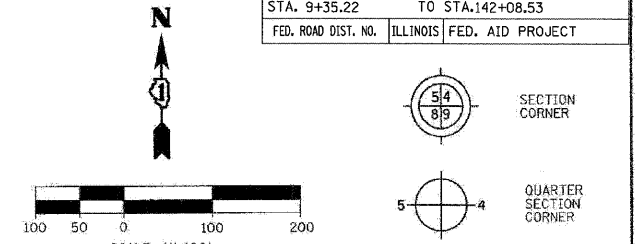
PLOT DATE = Wednesday, August 08, 2007
 PLOT SCALE = 1"=100'
 PLOT USER =

PART OF THE NW 1/4 OF SEC. 33 AND PART OF THE SW 1/4 AND NW 1/4 OF SEC. 28, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN MCHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	MCHENRY	502	242
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
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- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

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- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF DU PAGE)

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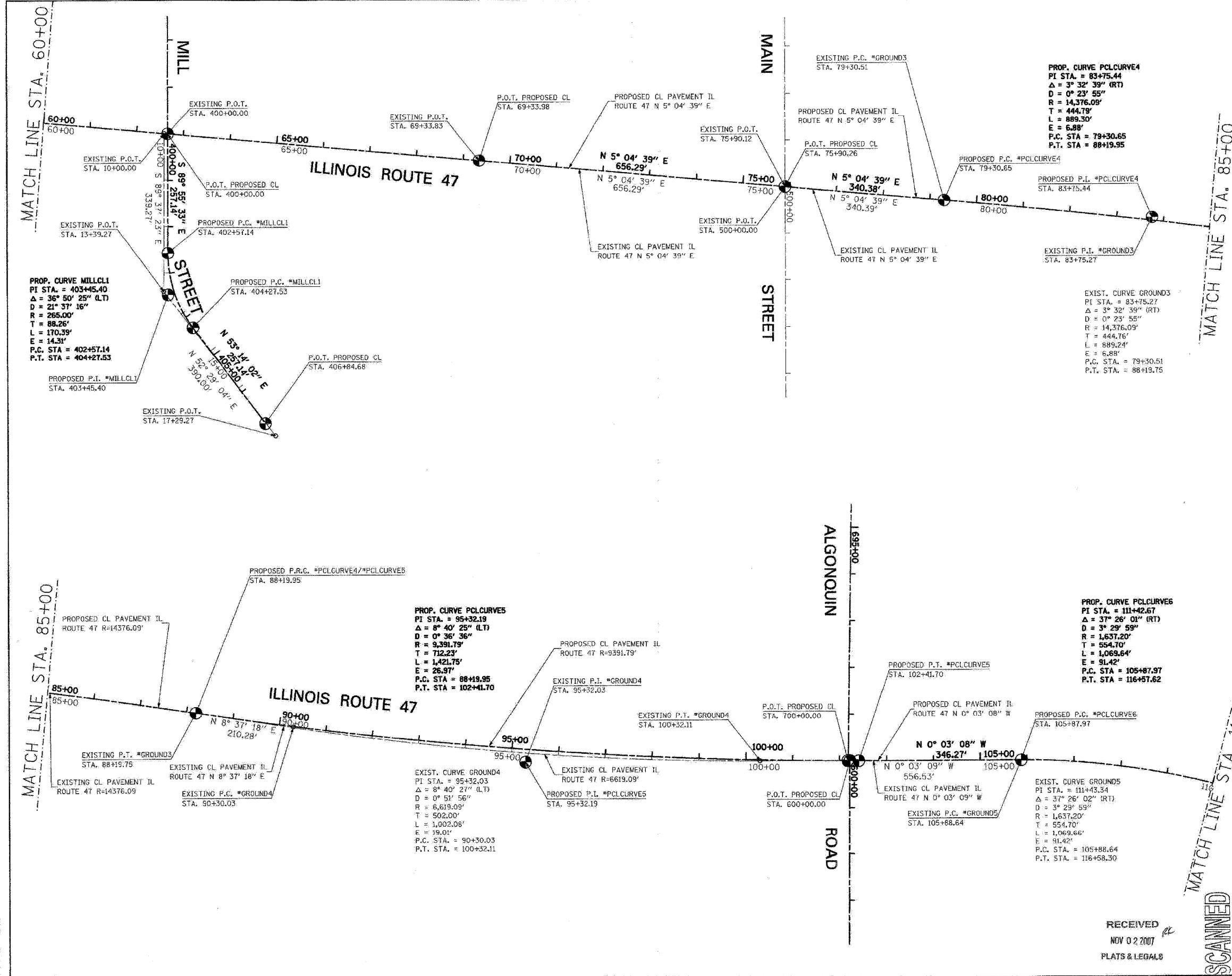
DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

Harold C. Westphal Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

PAVIA-MARTING & CO.
910 WEST LAKE STREET
ROSELLE, IL 60172-3852
(630) 529-8000 FAX (630) 894-4910
Design Firm: Professional Registration #28002278

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REVISION		ILLINOIS DEPT. OF TRANSPORTATION PLAT OF HIGHWAYS
DATE	DESCRIPTION	
		ROUTE FAP 326 (IL 47) SECTION REED RD. TO KREUTZER RD. COUNTY MCHENRY JOB# R-91-018-01 PROJECT# R-91-018-01 SECS 33&28 T 43, R 7 OF 3RD P.M. STA 60+00 TO STA 110+00 DRAWN SKC CHECKED HCW SCALE: 1"=100' SHEET NO. 33 OF XX



RECEIVED
NOV 02 2007
PLATS & LEGALS

SCANNED

PLOT DATE = Wednesday, August 05, 2009
PLOT SCALE = 1" = 100'
USER NAME = skc

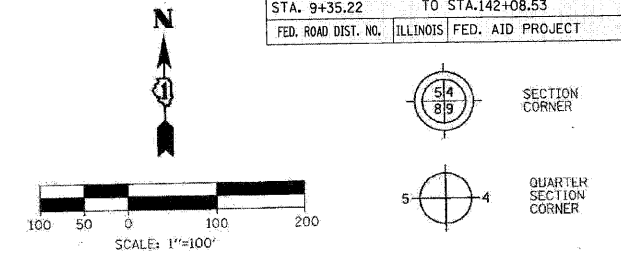
USER NAME = skc

PART OF THE NW 1/4 OF SEC. 28 AND PART OF THE S. 12 OF SEC. 21, TWP. 43 N., R. 7 E. OF THE 3rd P.M. IN MCHENRY COUNTY, ILLINOIS.

CONTRACT NO. 62882

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	243
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND



Bearings are referenced to the Illinois State Plane Coordinates Ground System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

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STATE OF ILLINOIS))
COUNTY OF DU PAGE))

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DATED AT ROSELLE, ILLINOIS, THIS 18th DAY OF JULY, 2007 A.D.

HAROLD C. WESTPHAL, JR.
098-001873
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
ROSELLE, ILLINOIS

Harold C. Westphal, Jr.
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-1973
EXPIRES NOVEMBER 30, 2008

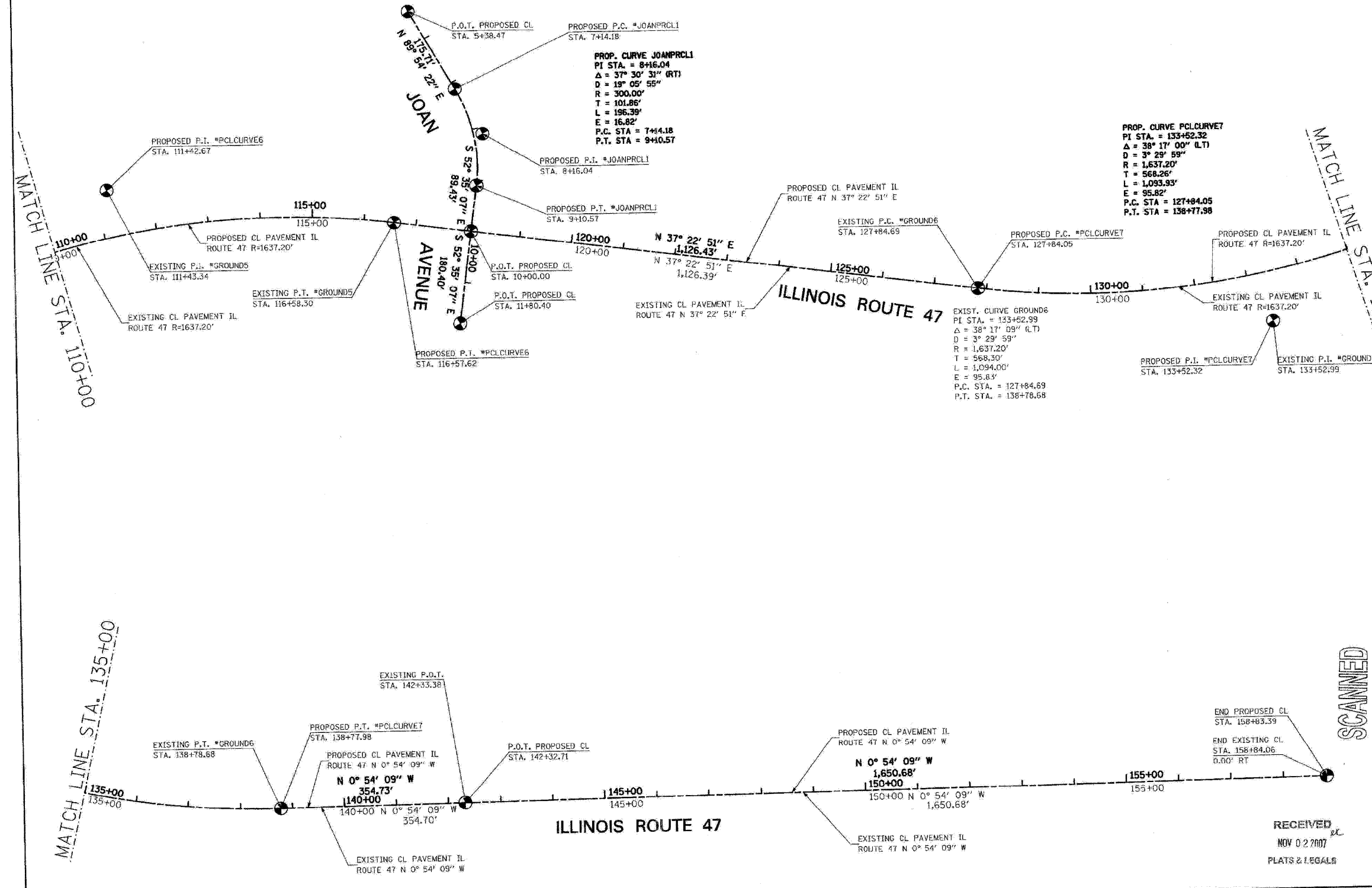
PAVIA-MARTING & Co.
910 WEST LAKE STREET
ROSELLE, IL 60172-3352
(815) 628-8000 FAX (815) 624-4910
Design Firm Professional Registration #184602378

SURVEYOR NOTE:
1. ALL DIMENSIONS ARE IN FEET AND DECIMAL PARTS THEREOF.
2. COORDINATES ARE GROUND VALUES AND CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE PUBLISHED GROUND COORDINATES BY 0.999988.

REVISION	DATE	DESCRIPTION

**ILLINOIS DEPT. OF TRANSPORTATION
PLAT OF HIGHWAYS**

ROUTE FAP 326 (IL 47)
SECTION REED RD. TO KREUTZER RD.
COUNTY MCHENRY
JOB# R-91-018-01 PROJECT# R-91-018-01
SECS 28&21 T 43, R 7 OF 3RD P.M.
STA 110+00 TO STA 158+84.06
DRAWN SKC CHECKED HCW
SCALE: 1"=100' SHEET NO. 34 OF XX



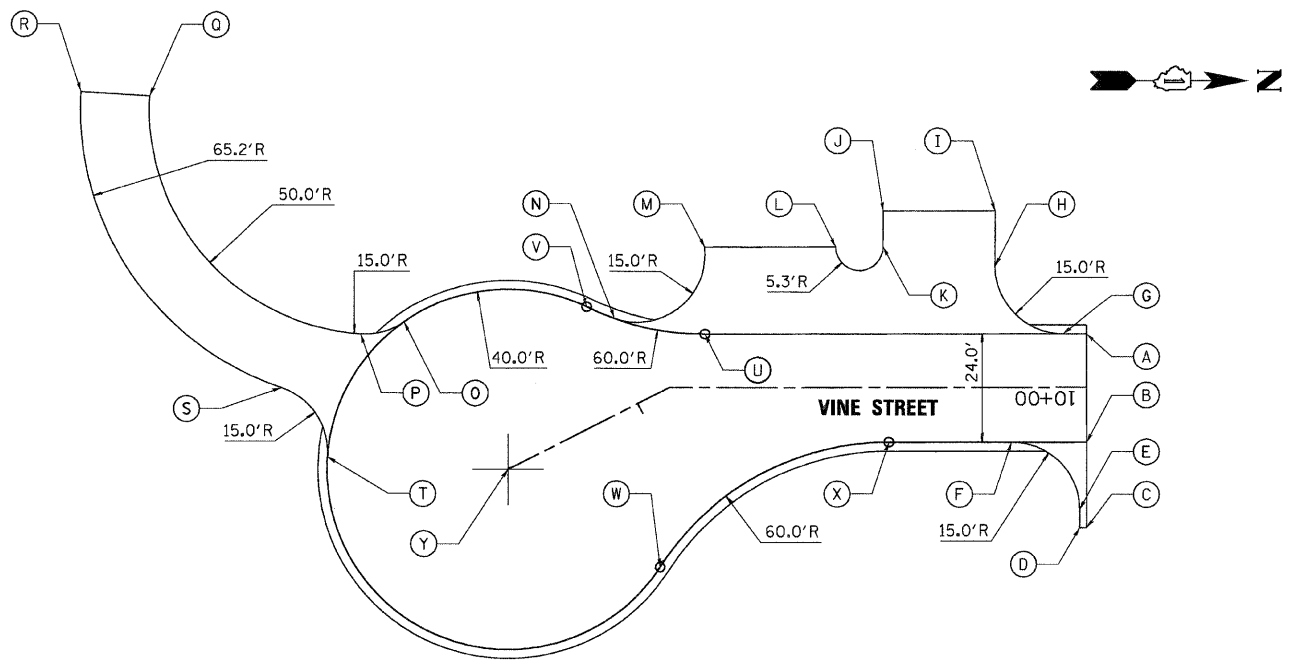
SCANNED

RECEIVED
NOV 02 2007
PLATS & LEGALS

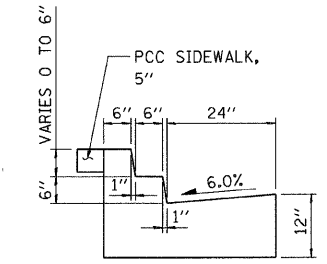
PLOT DATE = Monday, August 06, 2007
FILE NAME = S:\11-000\07-01\11-243.dwg
PLOT SCALE = 1:1
USER NAME = BRD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	244
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

POINT	NORTHING	EASTING	ELEVATION
A	2007673.8603	958777.1873	887.41
B	2007673.9133	928801.1872	887.41
C	2007673.9554	958820.2608	889.16
D	2007672.3825	958820.2642	889.08
E	2007672.3735	958816.1906	888.71
F	2007657.3404	958801.2238	887.93
G	2007668.6857	958777.1988	887.50
H	2007653.6526	958762.1776	888.47
I	2007653.6698	958749.9632	888.70
J	2007628.9680	958750.0221	888.97
K	2007628.9568	958757.9515	888.90
L	2007618.4570	958757.9898	888.95
M	2007589.5461	958758.0954	889.25
N	2007569.5843	958773.9872	890.50
O	2007523.0798	958774.7347	891.28
P	2007513.4780	958777.4269	891.30
Q	2007466.8363	958724.5999	891.73
R	2007451.6465	958723.7072	891.73
S	2007495.9818	958789.3550	891.35
T	2007506.1674	958804.6366	891.28
U	2007589.4757	958777.3736	890.25
V	2007563.4222	958771.4312	890.75
W	2007579.6981	958829.1247	890.70
X	2007630.2194	958801.2837	888.85
Y	2007546.0696	958807.4684	891.88

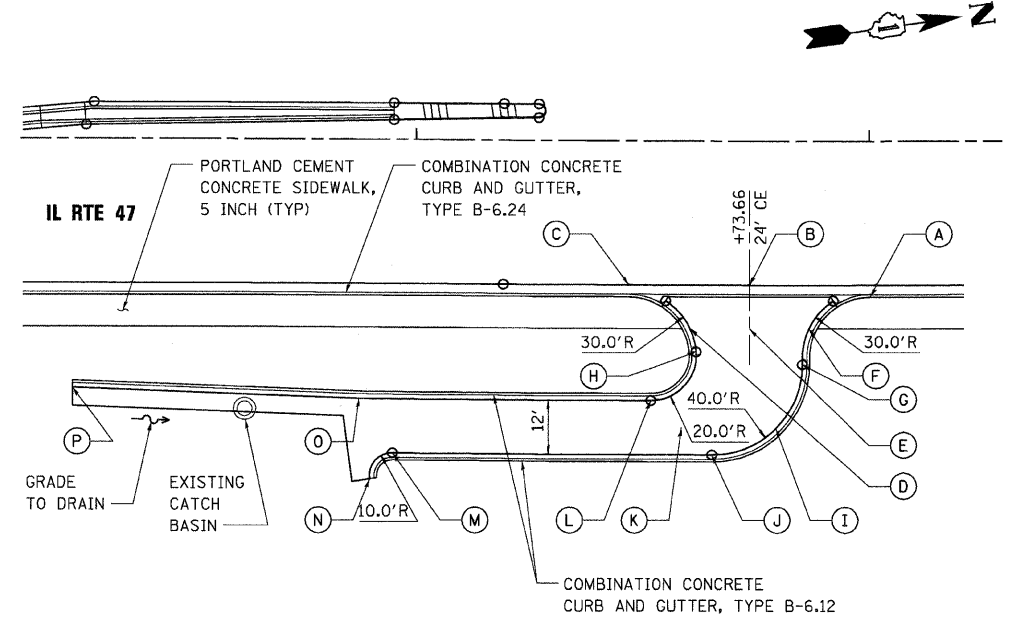


VINE STREET CUL-DE-SAC DETAIL



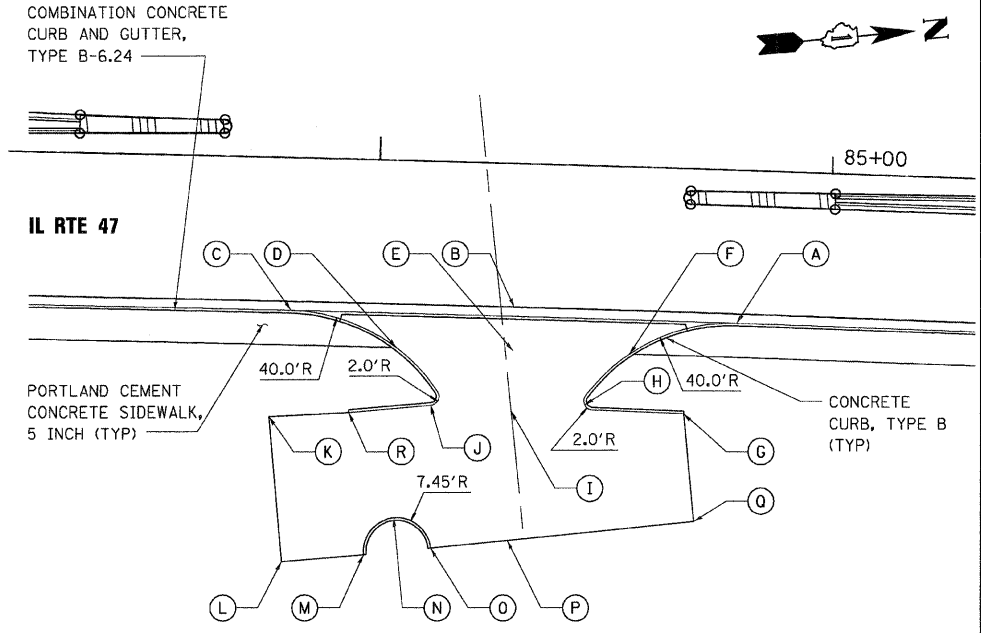
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL) DETAIL

POINT	STATION	OFFSET	ELEVATION
A	89+00.23	32.00'	884.14
B	88+73.66	32.00'	884.39
C	88+47.08	32.00'	884.58
D	88+60.58	41.58'	884.64
E	88+73.66	41.58'	884.53
F	88+86.73	41.58'	884.43
G	88+85.31	49.56'	884.59
H	88+61.96	46.76'	884.77
I	88+79.47	63.72'	884.89
J	88+65.41	69.58'	885.20
K	88+58.73	63.58'	885.18
L	88+52.04	57.58'	885.17
M	87+95.05	69.53'	886.59
N	87+90.07	75.30'	886.70
O	87+87.58	57.50'	886.72
P	87+24.03	55.28'	886.80



DRIVEWAY @ STA 88+73.66 DETAIL

POINT	STATION	OFFSET	ELEVATION
A	84+79.88	34.0'	887.98
B	84+30.51	32.0'	888.43
C	83+81.14	34.0'	888.88
D	84+04.67	41.58'	888.81
E	84+30.51	41.58'	888.57
F	84+56.35	41.58'	888.33
G	84+68.75	54.45'	888.80
H	84+46.57	53.18'	888.72
I	84+30.51	55.00'	888.94
J	84+12.66	54.23'	889.23
K	83+76.89	57.62'	891.43
L	83+80.47	89.61'	MEET EX.
M	83+98.66	87.58'	892.99
N	84+05.14	79.24'	892.01
O	84+13.53	85.69'	891.04
P	84+30.51	83.52'	889.86
Q	84+71.79	78.17'	MEET EX.
R	83+94.59	56.27'	890.50



DRIVEWAY @ STA 84+27.29 DETAIL

PLOT DATE = Wednesday, August 9, 2009
 FILE NAME = S:\11-CADD\01-ans\244_rdy_deta21.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = 3838



REVISIONS	
NAME	DATE

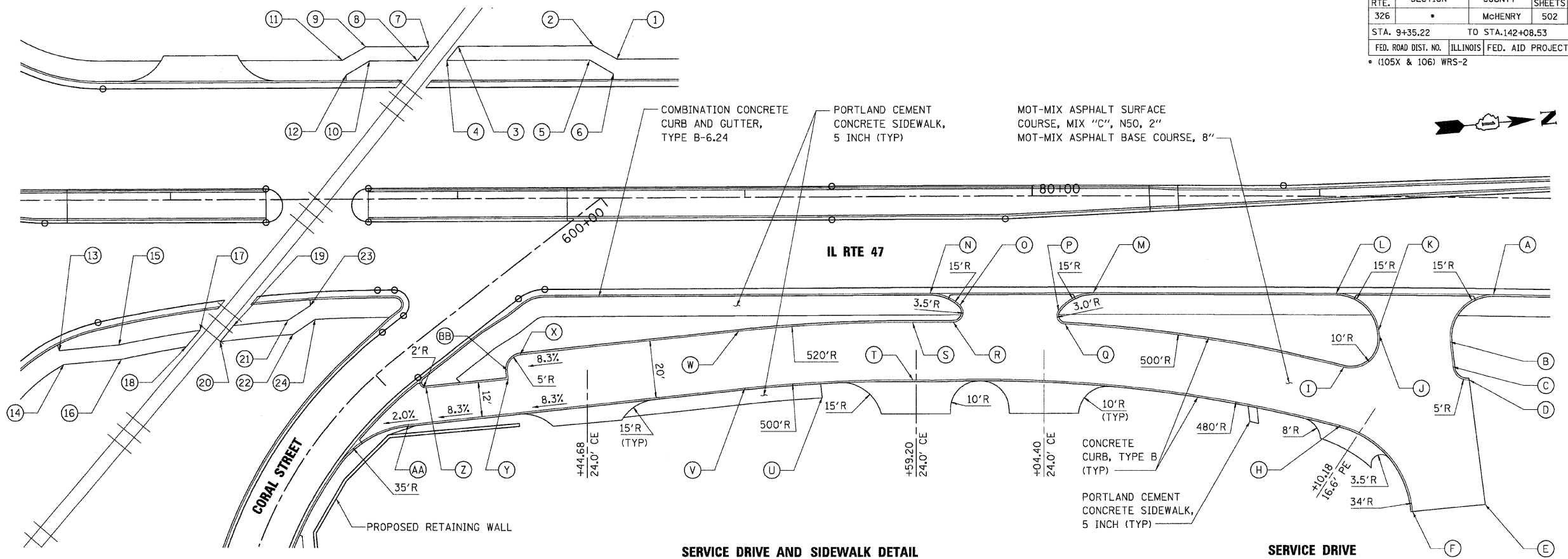
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MISCELLANEOUS ROADWAY DETAILS
SHEET 1 OF 3

SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	245
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (105X & 106) WRS-2				

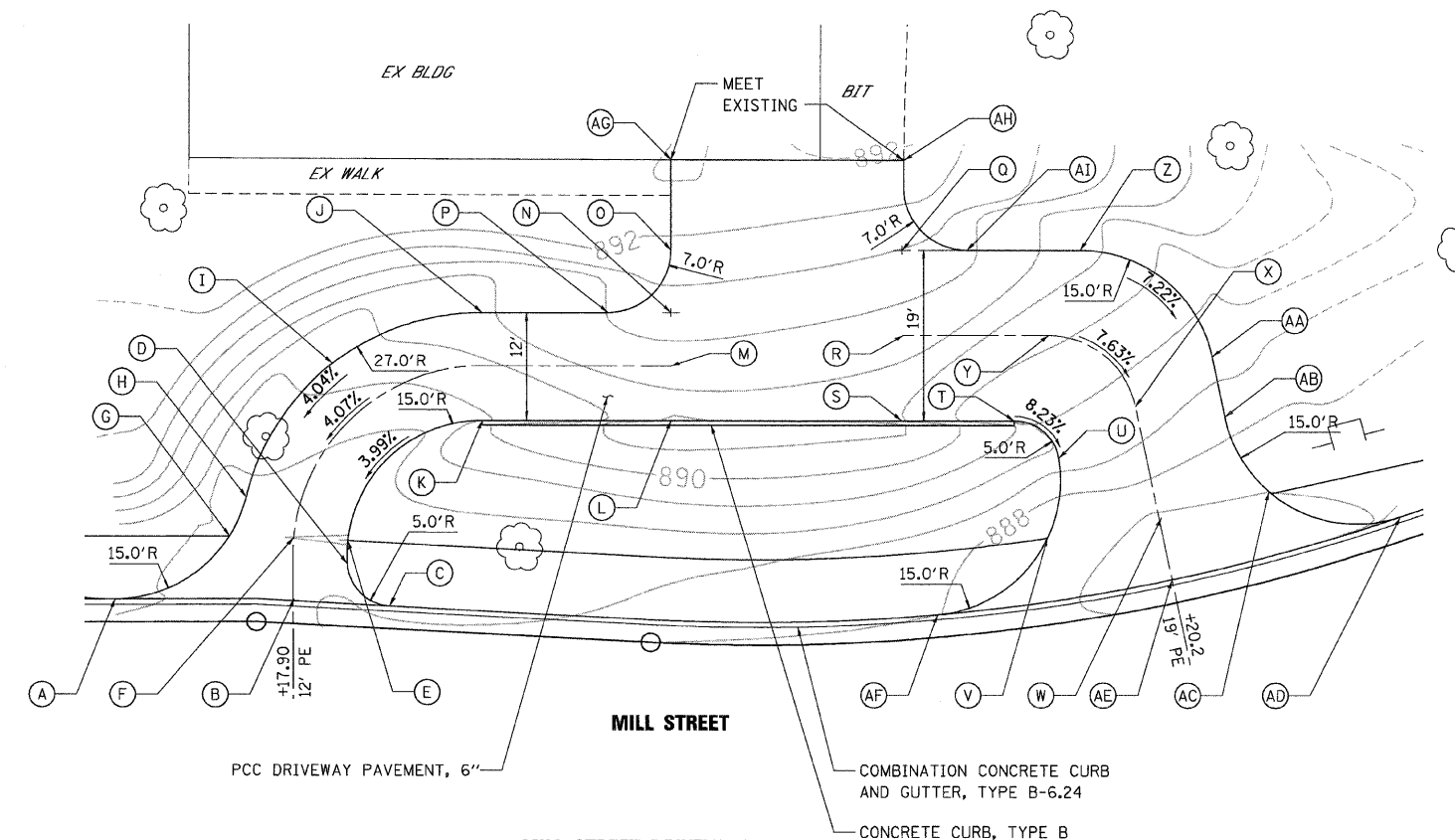
SIDEWALK

POINT	STATION	OFFSET
1	78+55.69	48.25' LT
2	78+47.55	52.95' LT
3	78+00.48	52.95' LT
4	77+96.49	47.95' LT
5	78+46.21	47.95' LT
6	78+54.35	43.25' LT
7	77+90.24	52.95' LT
8	77+86.24	47.95' LT
9	77+68.20	52.95' LT
10	77+69.54	47.95' LT
11	77+60.06	48.25' LT
12	77+61.40	43.25' LT
13	76+61.05	52.68' RT
14	76+62.50	57.57' RT
15	76+81.80	50.81' RT
16	76+82.56	55.76' RT
17	77+09.97	45.76' RT
18	77+05.18	51.54' RT
19	77+21.63	44.23' RT
20	77+16.98	49.84' RT
21	77+40.66	42.42' RT
22	77+42.33	47.31' RT
23	77+48.48	37.21' RT
24	77+50.11	42.13' RT



MILL STREET DRIVEWAY

POINT	STATION	OFFSET	ELEVATION
A	401+98.05	20.58' LT	889.26
B	402+17.91	20.58' LT	888.54
C	402+28.80	20.58' LT	888.76
D	402+23.83	24.45' LT	888.64
E	402+23.89	27.04' LT	888.59
F	402+17.89	27.37' LT	888.68
G	402+10.74	27.58' LT	888.80
H	402+12.60	31.94' LT	888.89
I	402+22.21	46.70' LT	889.72
J	402+38.87	52.39' LT	890.44
K	402+38.87	40.39' LT	889.46
L	402+60.27	40.33' LT	890.30
M	402+60.33	46.33' LT	890.80
N	402+60.43	52.33' LT	891.29
O	402+60.55	59.33' LT	891.87
P	402+52.85	52.36' LT	891.01
Q	402+93.42	57.37' LT	891.59
R	402+92.00	47.94' LT	890.80
S	402+90.29	38.54' LT	890.02
T	403+04.70	36.63' LT	888.99
U	403+09.36	31.59' LT	888.41
V	403+06.12	23.13' LT	887.68
W	403+20.20	22.73' LT	887.58
X	403+20.29	35.37' LT	888.54
Y	403+11.27	45.22' LT	889.57
Z	403+17.99	53.74' LT	890.18
AA	403+31.53	38.53' LT	888.70
AB	403+30.97	31.71' LT	888.21
AC	403+33.62	22.41' LT	887.50
AD	403+47.62	15.18' LT	887.67
AE	403+20.20	15.72' LT	887.44
AF	402+91.63	16.63' LT	888.04
AG	402+60.74	69.36' LT	892.69
AH	402+95.48	67.21' LT	892.41
AI	403+02.43	56.26' LT	891.08



POINT	STATION	OFFSET	ELEVATION
A	81+60.79	34.00' RT	890.90
B	81+45.84	50.80' RT	891.36
C	81+46.89	59.48' RT	891.90
D	81+52.56	63.84' RT	MEET EX.
E	81+58.60	107.47' RT	MEET EX.
F	81+33.14	110.21' RT	MEET EX.
G	81+07.64	80.17' RT	891.45
H	81+08.68	59.79' RT	891.22
I	81+21.07	48.68' RT	891.36
J	81+20.81	46.89' RT	891.37
K	81+05.91	34.00' RT	891.58
L	80+21.21	34.00' RT	891.65
M	79+64.32	34.00' RT	891.58
N	79+74.69	38.14' RT	891.71
O	80+09.05	40.17' RT	891.77
P	80+11.31	44.93' RT	891.76
Q	79+72.33	44.17' RT	891.80
R	79+58.11	44.20' RT	891.97
S	79+58.15	64.21' RT	892.09
T	79+26.41	70.21' RT	892.67
U	78+99.52	66.83' RT	892.55
V	78+97.46	46.93' RT	892.15
W	78+21.36	54.80' RT	892.67
X	78+17.14	63.28' RT	892.41
Y	77+88.60	66.22' RT	890.78
Z	77+82.34	78.93' RT	890.78
AA	78+16.90	60.21' RT	892.35

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MISCELLANEOUS ROADWAY DETAILS
SHEET 2 OF 3

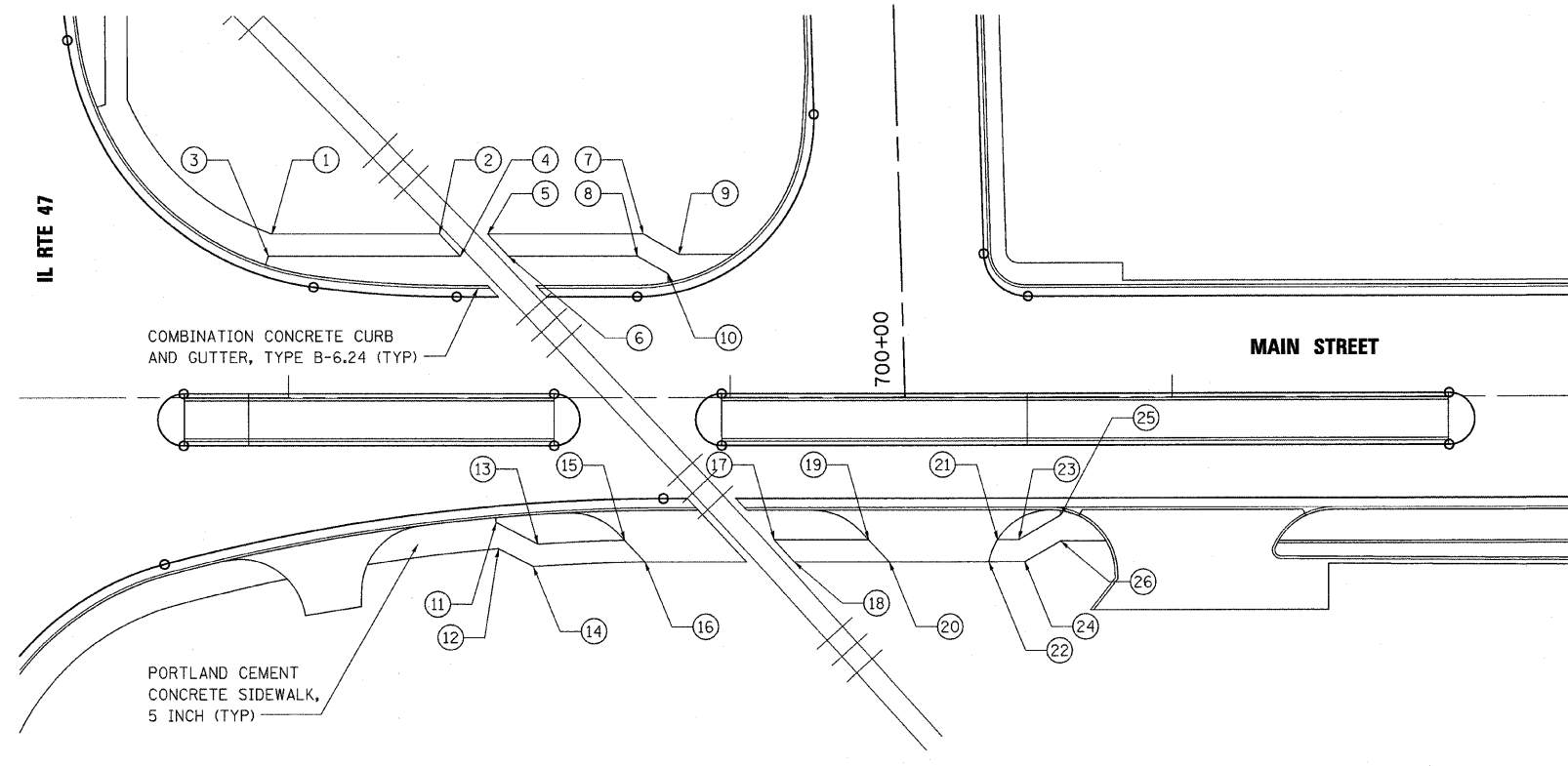
SCALE: VERT. NO SCALE
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: A.A.C.



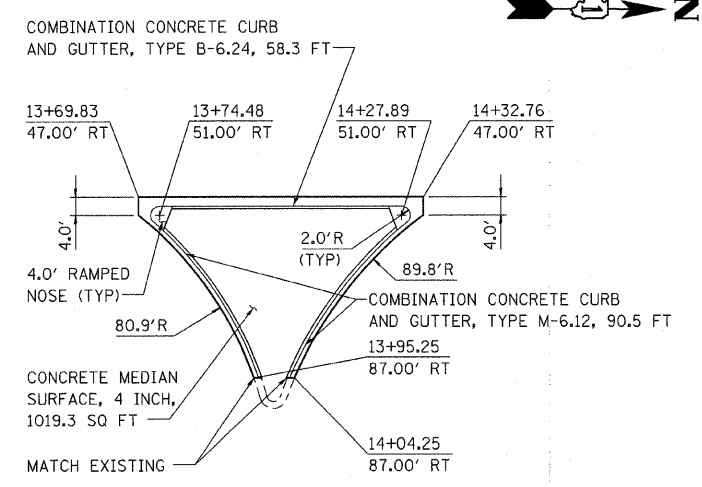
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 PLOT SCALE = 1:801
 USER NAME = 3838

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	246
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				

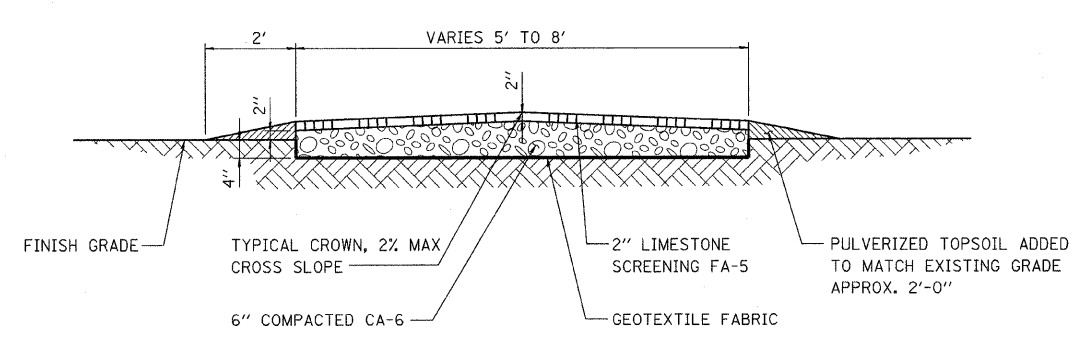


POINT	STATION	OFFSET
1	500+96.32	37.08' LT
2	501+34.22	37.08' LT
3	500+95.49	32.08' LT
4	501+38.91	32.08' LT
5	501+45.18	37.08' LT
6	501+49.87	32.08' LT
7	501+80.38	37.08' LT
8	501+79.04	32.08' LT
9	501+88.50	32.42' LT
10	501+85.97	28.10' LT
11	501+47.00	28.15' RT
12	501+47.51	34.04' RT
13	501+56.45	33.02' RT
14	501+55.40	38.10' RT
15	501+76.08	32.17' RT
16	501+80.70	37.10' RT
17	502+09.97	32.12' RT
18	502+14.49	37.12' RT
19	502+31.31	32.12' RT
20	502+35.99	37.12' RT
21	502+60.49	32.12' RT
22	502+58.51	37.12' RT
23	502+65.30	32.12' RT
24	502+66.64	37.12' RT
25	502+74.78	26.64' RT
26	502+74.78	32.42' RT

SIDEWALK DETAIL



ISLAND DETAIL STA 14+01.29



AGGREGATE BICYCLE PATH DETAIL

REVISIONS	
NAME	DATE

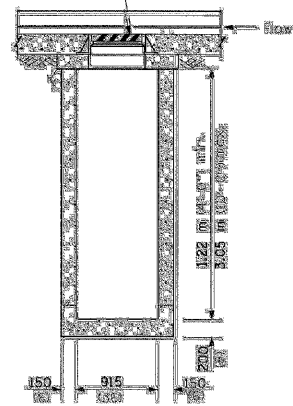
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
MISCELLANEOUS ROADWAY DETAILS
SHEET 3 OF 3

SCALE: VERT. NO SCALE
 HORIZ. NO SCALE
 DATE: 10/27/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

PLOT DATE = Tuesday, October 27, 2009
 FILE NAME = S:\11-CADD\81-aha\246-rdw.dwg
 PLOT SCALE = 100%
 USER NAME = 3676

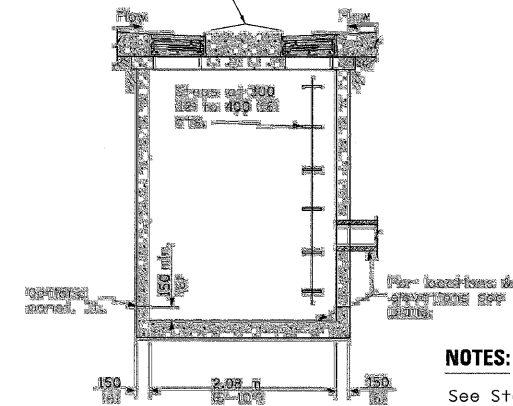
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	247
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

TYPE 23/24 FRAME AND GRATE



FRONT ELEVATION

CONCRETE MEDIAN

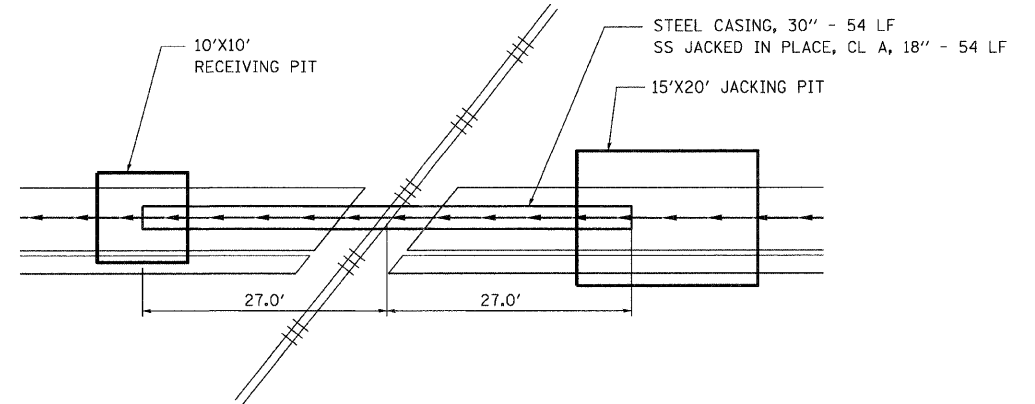


SIDE ELEVATION

NOTES:

See Standard 602701 for details of steps.
Exposed edges shall be beveled 19 mm (3/4").
All dimensions are in millimeters (inches) unless otherwise shown.

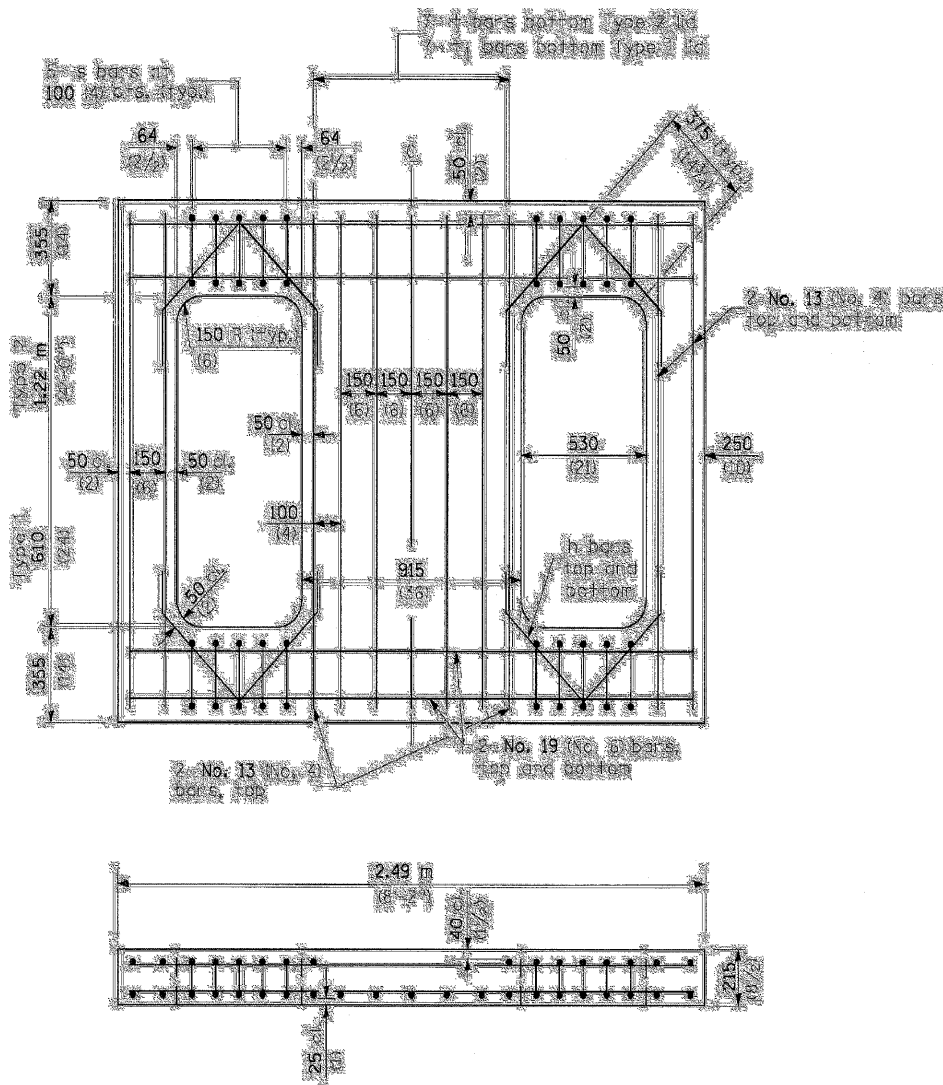
THIS WORK SHALL BE ACCORDING TO THE APPLICABLE SECTIONS OF SECTION 602 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE DETAIL OF THIS PLAN.



BORE AND JACK DETAIL

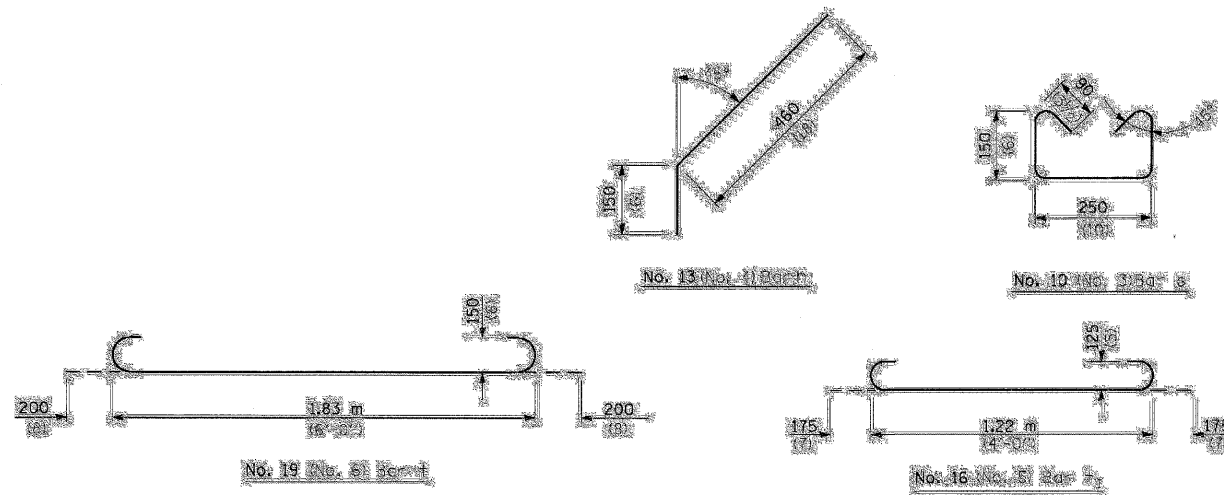
SCALE: 1"=10'

• NOTE STORM SEWER BORING AND JACKING SHALL BE IN ACCORDANCE WITH THE CURRENT AMERICAN RAILWAY ASSOCIATION SPECIFICATIONS.



REINFORCED LTD

DRAINAGE STRUCTURES, TYPE 1 SPECIAL



PLOT DATE = Friday, August 07, 2009
FILE NAME = S:\11-CADD\01-stx\247.drn.dwg
PLOT SCALE = 1/8"
USER NAME = 3899

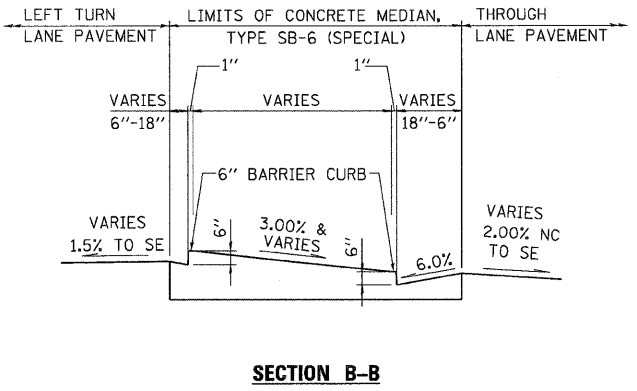
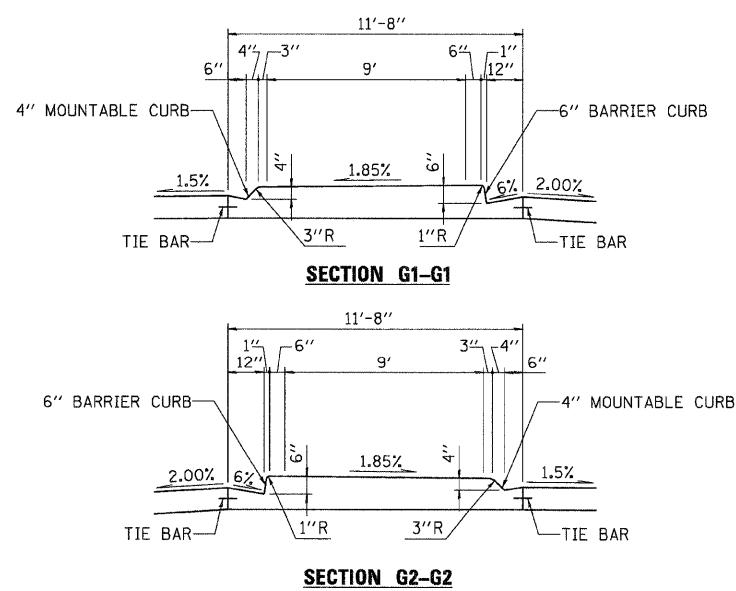
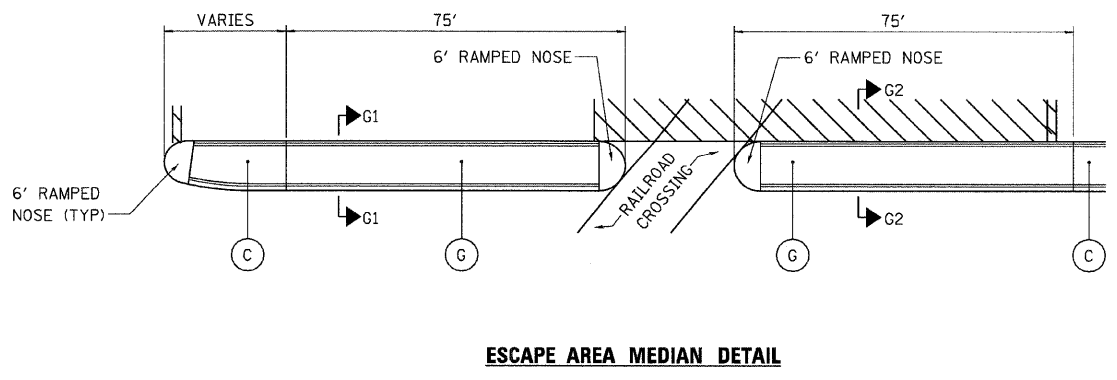
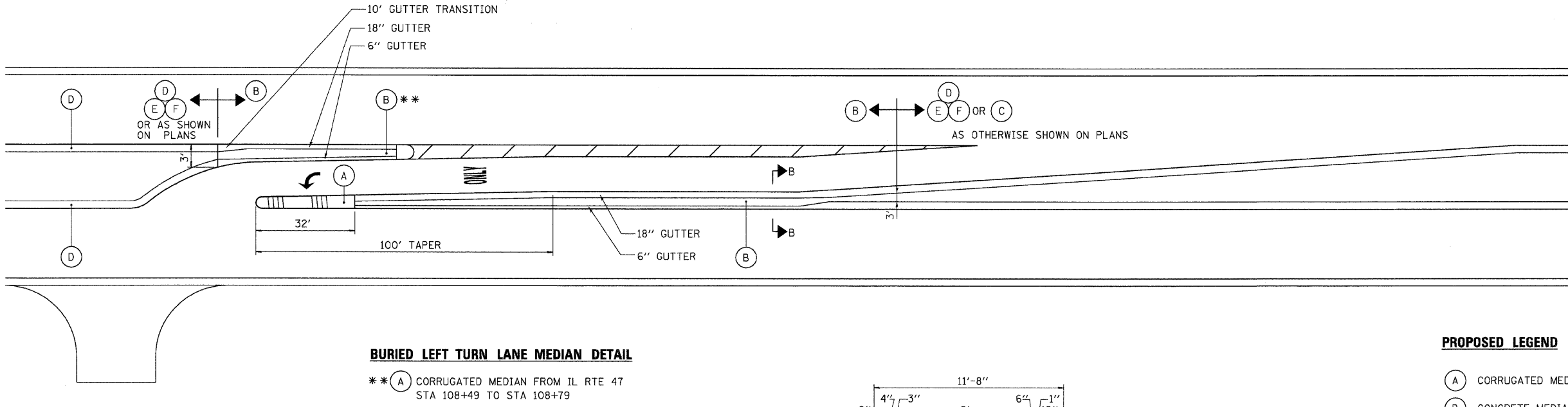
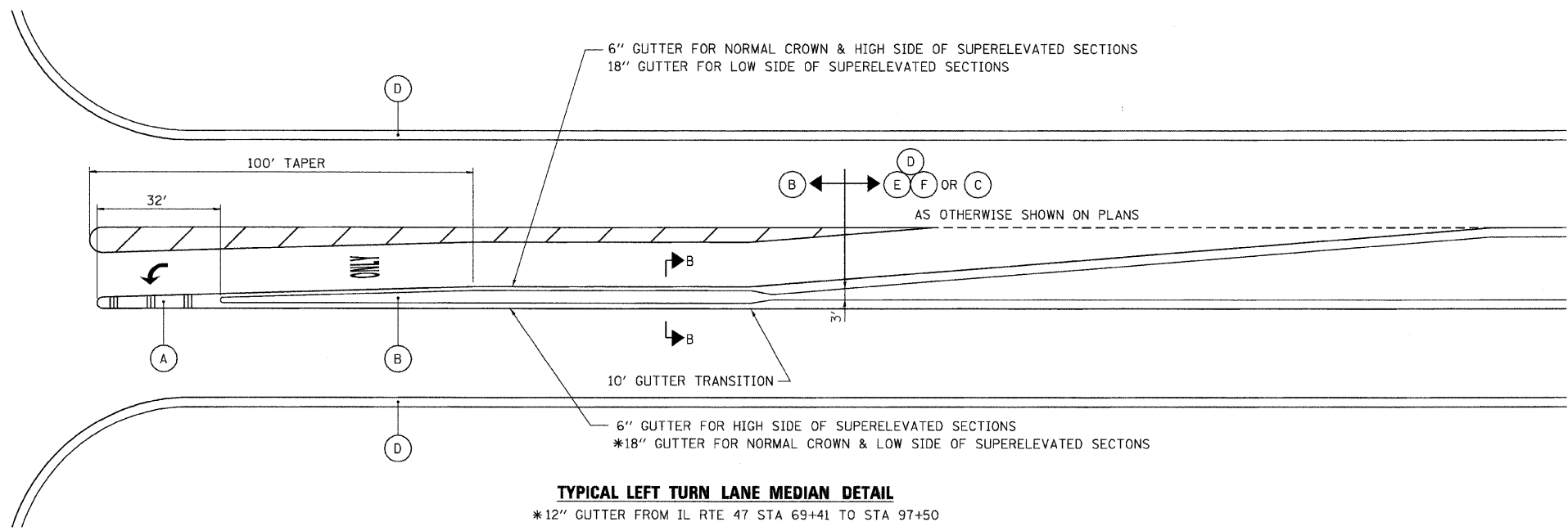
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
DRAINAGE STRUCTURES
RAIL BORE AND JACK DETAIL

VERT. NO SCALE
SCALE: HORIZ.
DATE: 8/5/2009

DRAWN BY: E.D.
CHECKED BY: C.Z.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	248
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



PROPOSED LEGEND

- (A) CORRUGATED MEDIAN
- (B) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL)
- (C) CONCRETE MEDIAN TYPE SB-6.12
- (D) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (E) SODDING, SALT TOLERANT
- (F) TOPSOIL, 4"
- (G) ESCAPE AREA CONCRETE MEDIAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
TURN LANE MEDIAN DETAILS

SCALE: VERT. NO SCALE
HORIZ. NO SCALE

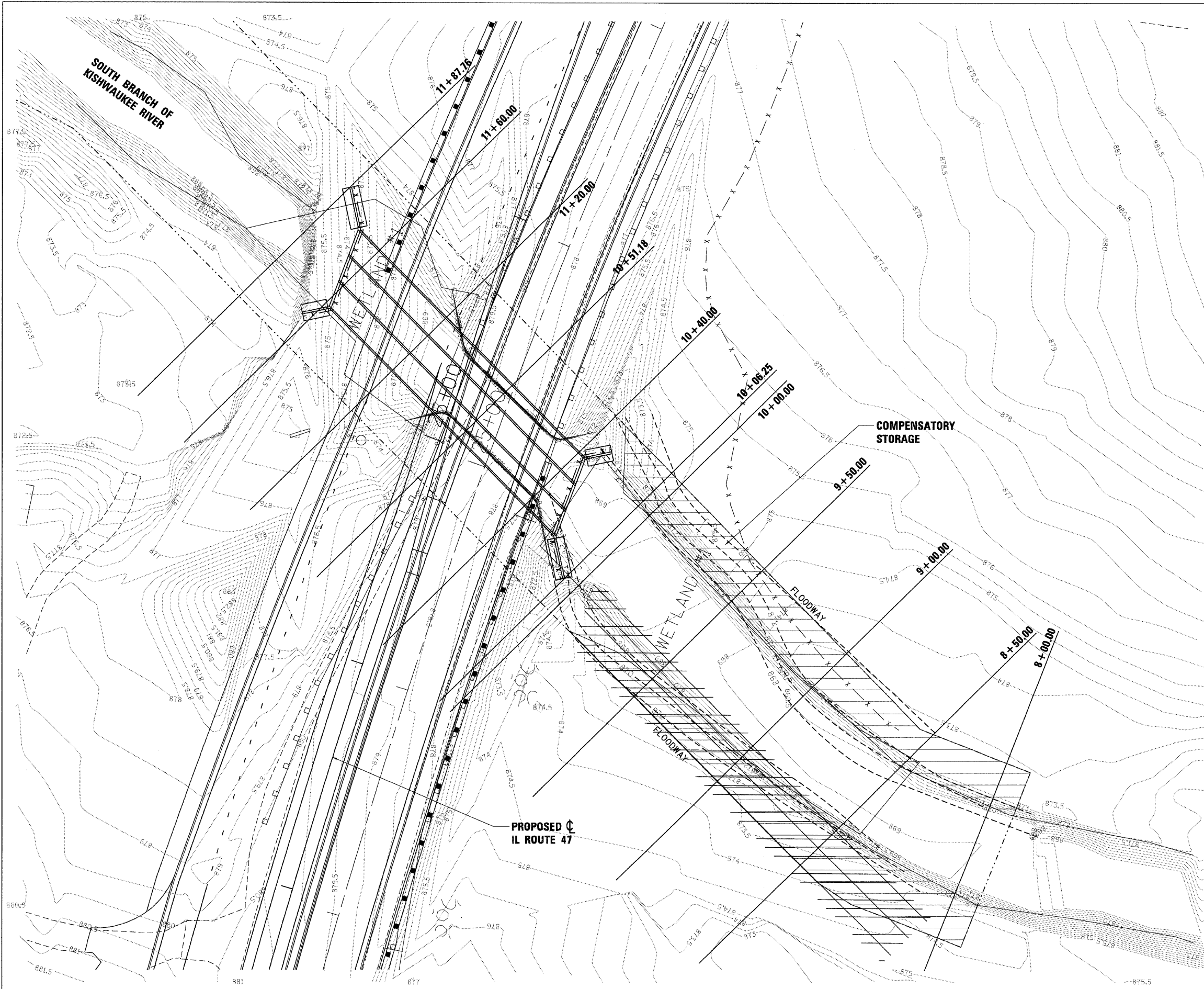
DATE: 8/5/2009

DRAWN BY: E.D.
CHECKED BY: B.S.



PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\01-101\11-248-turn_lane.dwg
PLOT SCALE = 1/8"=1'
USER NAME = 3838

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	249
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



LEGEND:
 ----- PROPOSED CONTOUR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
COMPENSATORY STORAGE

VERT. SCALE: 1"=20'
 HORIZ. SCALE: 1"=20'
 DATE: 8/5/2009

DRAWN BY: T.K.
 CHECKED BY: C.Z.

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-CADD\01\m\11249_comp_storage.dgn
 PLOT SCALE = 281
 USER NAME = JBS39

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	250
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				

NOTES:

1. ALL JOINTS EXCEPT SEPARATION JOINT WITH SLEEPER SLAB SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED).
2. SEPARATION JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
3. THE SEPARATION JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
4. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
5. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.
6. PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE PER LINEAL FOOT.
7. BOND BREAKER AND 1/2" JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 CONCRETE MEDIAN TYPE SB-6 (SPECIAL)

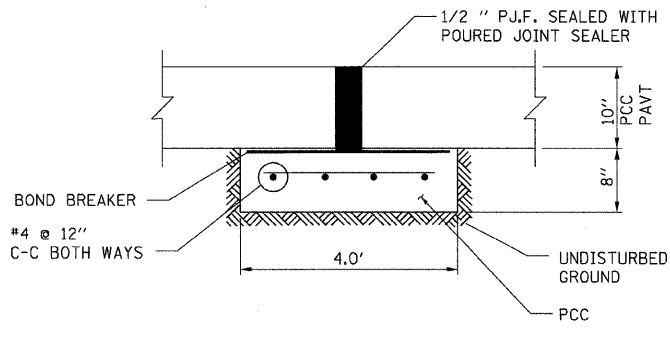
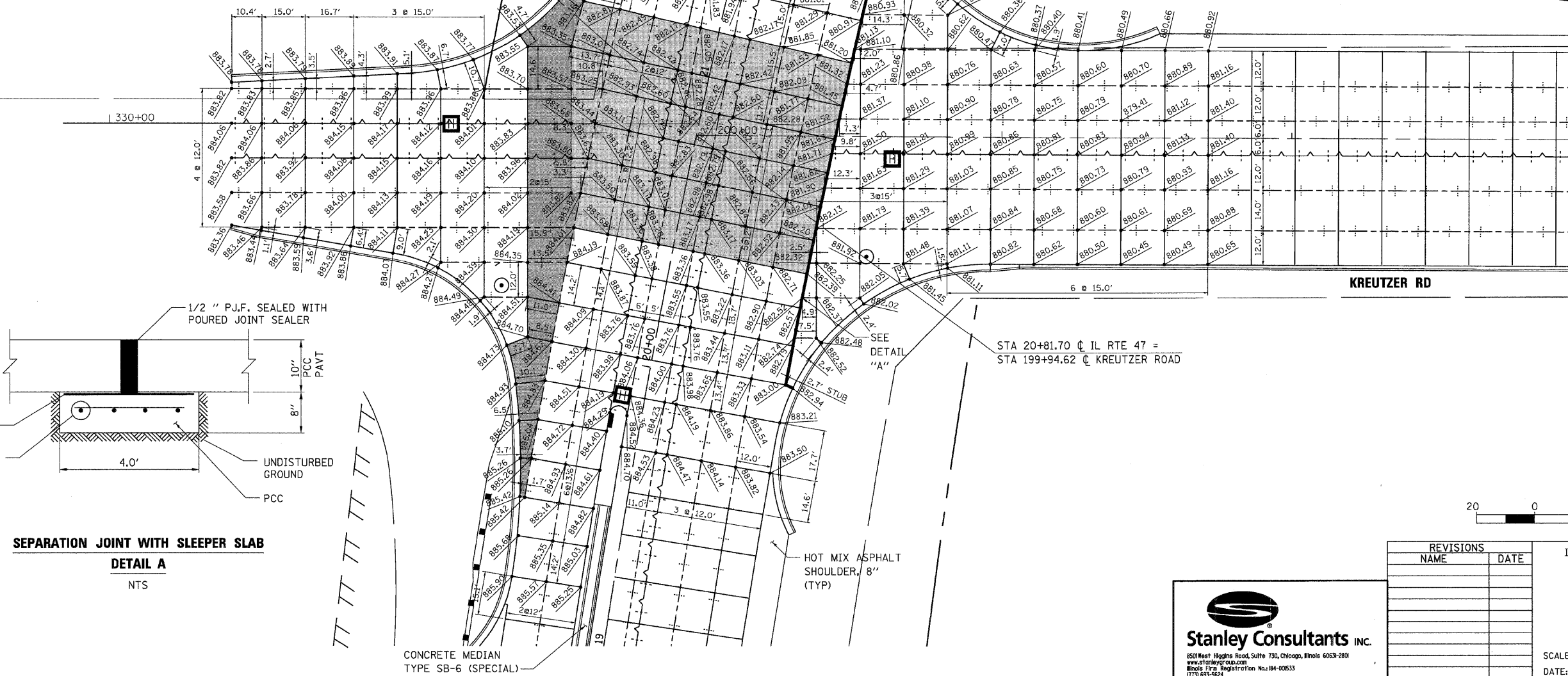
CORRUGATED MEDIAN

LEGEND:

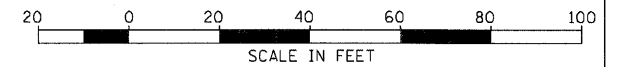
- CONSTRUCTION JOINT W/TIE BARS
- SAWED LONGITUDINAL JOINT W/TIE BARS
- SEPARATION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)
- SAWED CONTRACTION JOINT
- PROPOSED TRAFFIC SIGNAL HEAVY DUTY HANDHOLE (SEE STANDARD 814001 FOR MORE INFORMATION)
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED INLET (SEE STANDARDS 420001, 420101, AND 420111 FOR MORE INFORMATION)
-
-

STA 20+85.75 @ IL RTE 47 =
 STA 332+03.30 @ KREUTZER ROAD

STA 20+81.70 @ IL RTE 47 =
 STA 199+94.62 @ KREUTZER ROAD



SEPARATION JOINT WITH SLEEPER SLAB
DETAIL A
 NTS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
KREUTZER ROAD
PAVEMENT JOINTING DETAIL

SCALE: VERT. 1"=20'
 HORIZ. 1"=20'
 DATE: 8/5/2009
 DRAWN BY: E.D.
 CHECKED BY: B.S.

Stanley Consultants INC.
 850 West Higgins Road, Suite 750, Chicago, Illinois 60630-2810
 www.stanleyconsultants.com
 Illinois Firm Registration No. 084-00633
 (773) 693-8624

PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\1-CADD\01-INT\11-250-JRW_detail1a-kreutzer.dgn
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 USER NAME = 3839

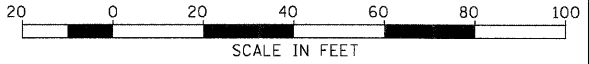
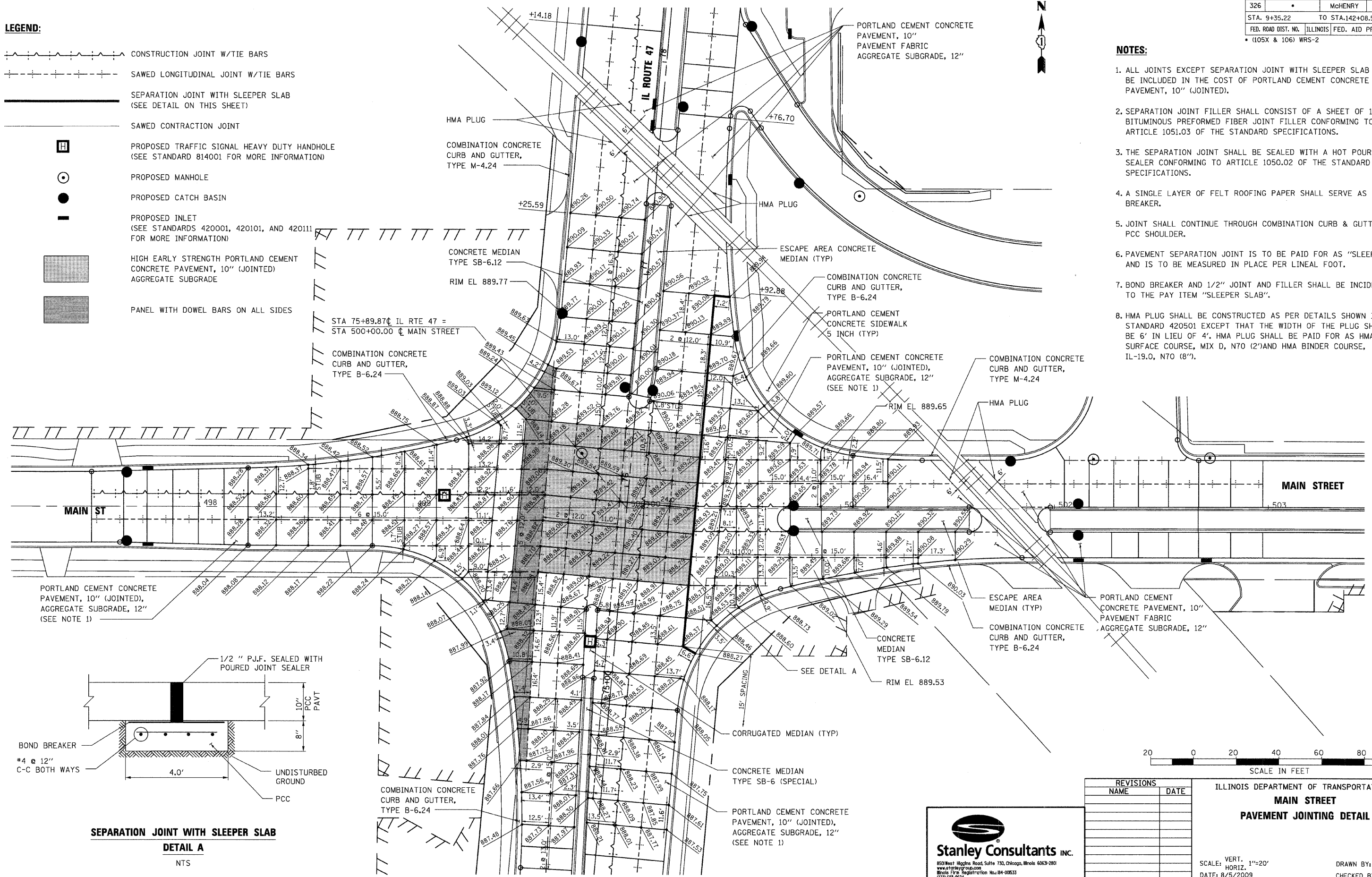
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	251
STA. 9+35.22 TO STA.142+08.53				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (105X & 106) WRS-2				

LEGEND:

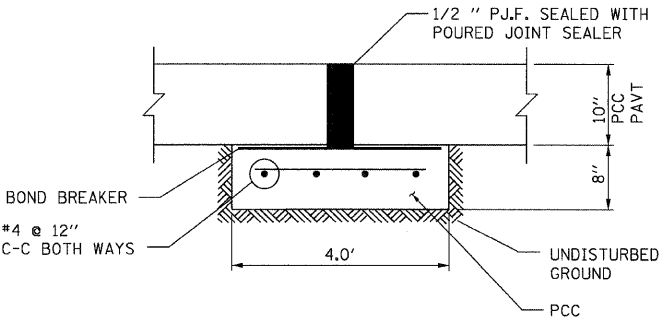
- CONSTRUCTION JOINT W/TIE BARS
- SAWED LONGITUDINAL JOINT W/TIE BARS
- SEPARATION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)
- SAWED CONTRACTION JOINT
- PROPOSED TRAFFIC SIGNAL HEAVY DUTY HANDHOLE (SEE STANDARD 814001 FOR MORE INFORMATION)
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED INLET (SEE STANDARDS 420001, 420101, AND 420111 FOR MORE INFORMATION)
- HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED) AGGREGATE SUBGRADE
- PANEL WITH DOWEL BARS ON ALL SIDES

NOTES:

1. ALL JOINTS EXCEPT SEPARATION JOINT WITH SLEEPER SLAB SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED).
2. SEPARATION JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" BITUMINOUS PERFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
3. THE SEPARATION JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
4. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
5. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.
6. PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE PER LINEAL FOOT.
7. BOND BREAKER AND 1/2" JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".
8. HMA PLUG SHALL BE CONSTRUCTED AS PER DETAILS SHOWN IN STANDARD 420501 EXCEPT THAT THE WIDTH OF THE PLUG SHALL BE 6' IN LIEU OF 4'. HMA PLUG SHALL BE PAID FOR AS HMA SURFACE COURSE, MIX D, N70 (2') AND HMA BINDER COURSE, IL-19.0, N70 (8").



SEPARATION JOINT WITH SLEEPER SLAB
DETAIL A
NTS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAIN STREET
PAVEMENT JOINTING DETAIL

SCALE: VERT. 1"=20'
HORIZ. 1"=20'
DATE: 8/5/2009
DRAWN BY: E.D.
CHECKED BY: B.S.

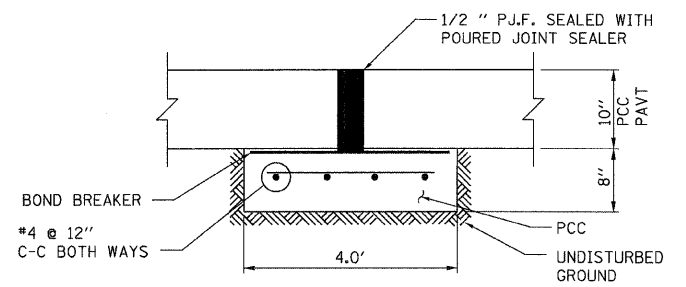
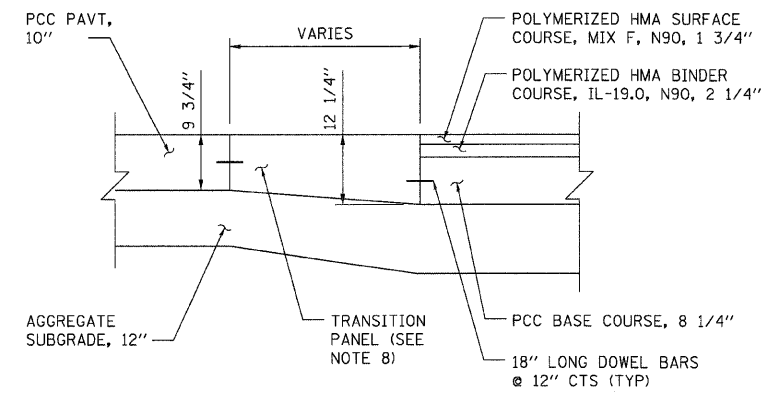
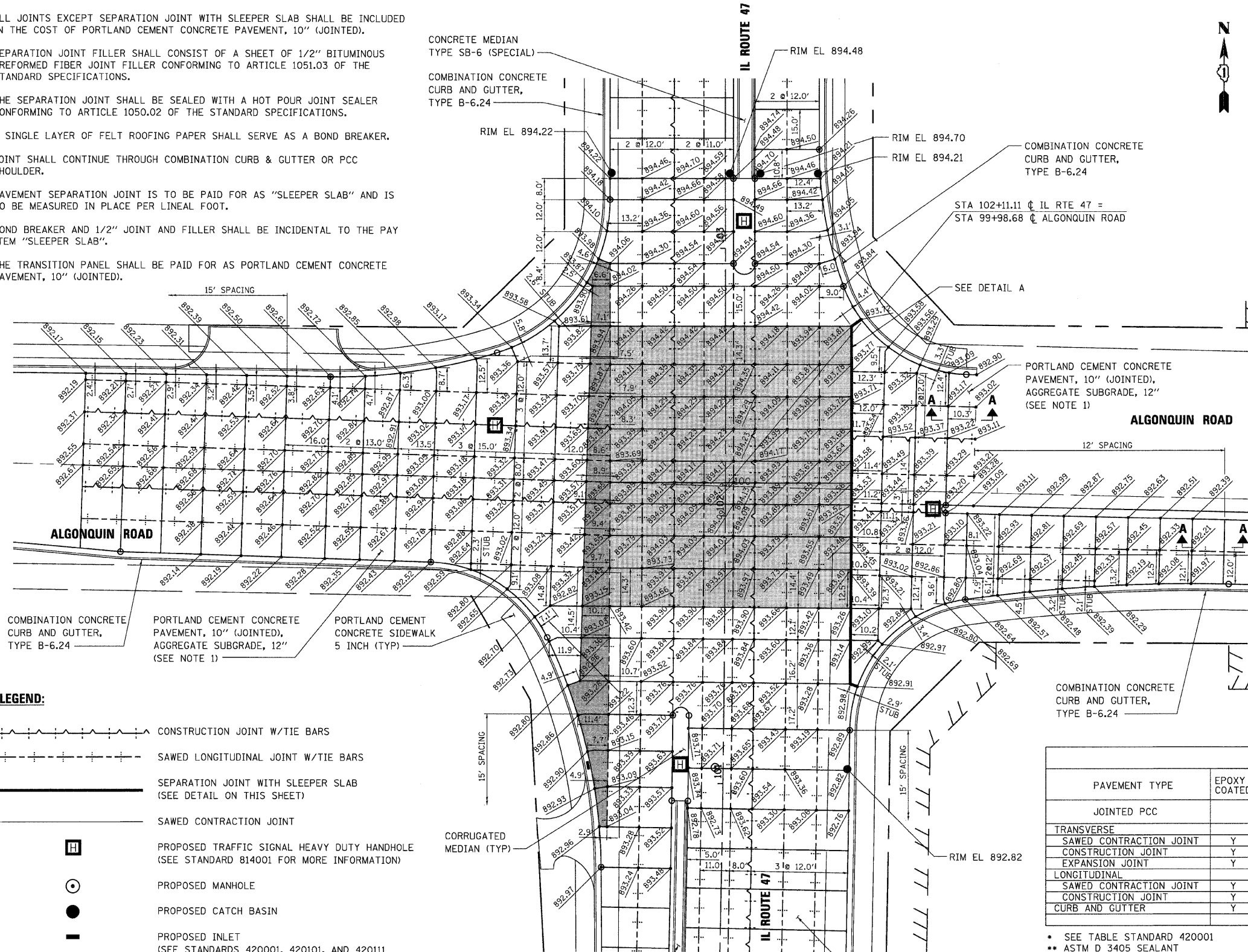
Stanley Consultants INC.
850 West Higgins Road, Suite 750, Chicago, Illinois 60639-2801
www.stanleygroup.com
Illinois Firm Registration No. 04-00533
1729 693-824

PLOT DATE = Friday, August 07, 2009
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 PLOT SCALE = 2841
 USER NAME = 3679

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	252
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				

NOTES:

- ALL JOINTS EXCEPT SEPARATION JOINT WITH SLEEPER SLAB SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED).
- SEPARATION JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
- THE SEPARATION JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
- A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
- JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.
- PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE PER LINEAL FOOT.
- BOND BREAKER AND 1/2" JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".
- THE TRANSITION PANEL SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED).

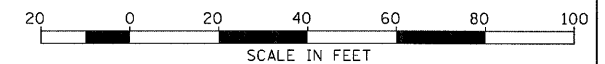


LEGEND:

- CONSTRUCTION JOINT W/TIE BARS
- SAWED LONGITUDINAL JOINT W/TIE BARS
- SEPARATION JOINT WITH SLEEPER SLAB (SEE DETAIL ON THIS SHEET)
- SAWED CONTRACTION JOINT
- PROPOSED TRAFFIC SIGNAL HEAVY DUTY HANDHOLE (SEE STANDARD 814001 FOR MORE INFORMATION)
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED INLET (SEE STANDARDS 420001, 420101, AND 420111 FOR MORE INFORMATION)
- HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED) AGGREGATE SUBGRADE
- PANEL WITH DOWEL BARS ON ALL SIDES

PAVEMENT TYPE	EPOXY COATED	DEFORMED	SIZE	LENGTH	SPACING	DRILL & GROUT	POUR IN	SEAL	STANDARD
JOINTED PCC									420001, 420101 & 420111 (GEN)
TRANSVERSE									
SAWED CONTRACTION JOINT	Y	N	•	18	12	N	Y	HP (HOTPOUR)	420001
CONSTRUCTION JOINT	Y	N	•	13	12	N	Y	HP	420101, 420106
EXPANSION JOINT	Y	N	•	18	12	N	Y	PF (PREFORM)	420001
LONGITUDINAL									
SAWED CONTRACTION JOINT	Y	N	NO. 6	30	30	N	Y	HP	420001
CONSTRUCTION JOINT	Y	N	NO. 6	24	24	Y	N	••	420001
CURB AND GUTTER	Y	N	NO. 6	24	24	Y	-	HP	606001

- SEE TABLE STANDARD 420001
- ASTM D 3405 SEALANT



NAME	DATE

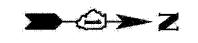
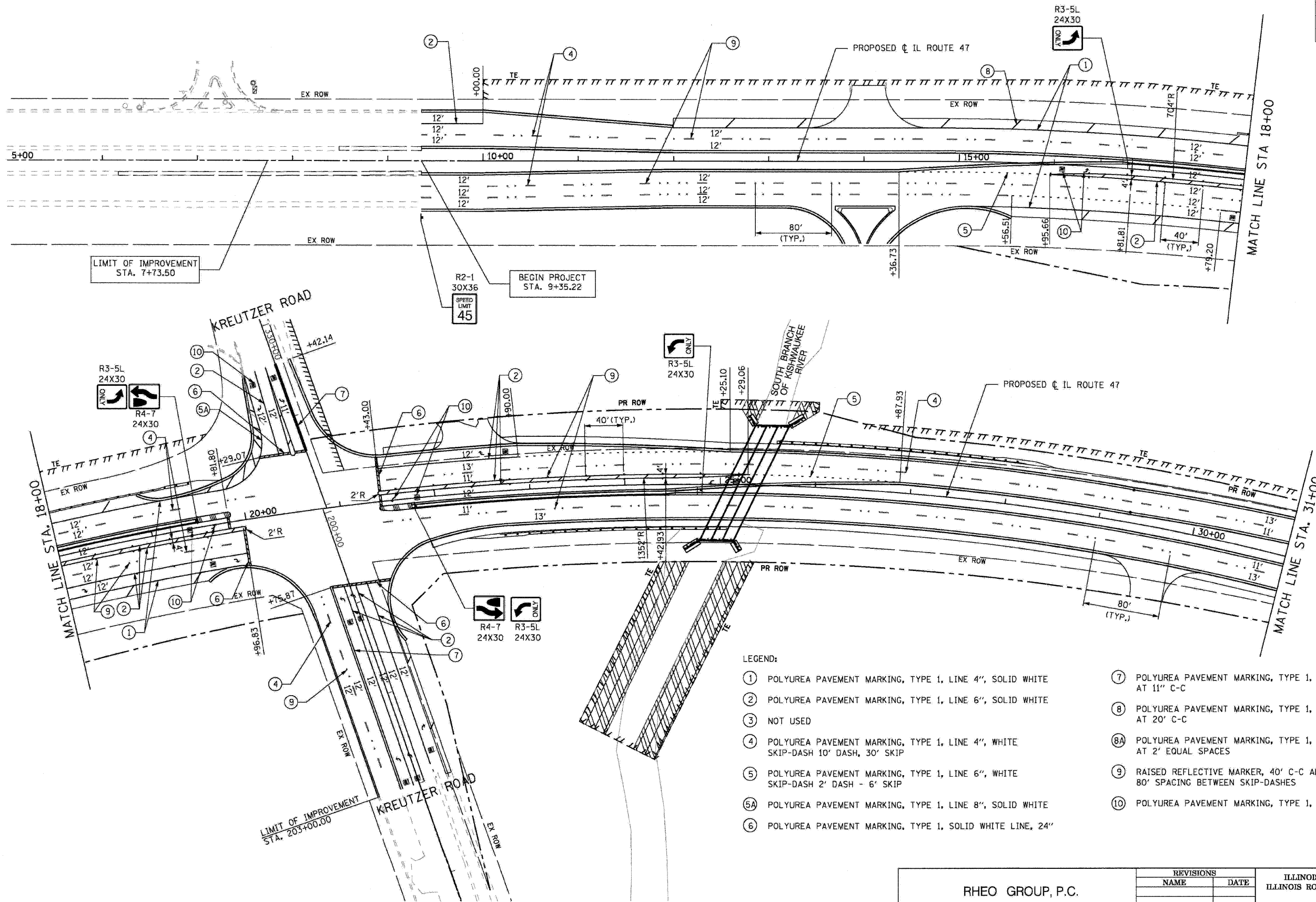
ILLINOIS DEPARTMENT OF TRANSPORTATION
ALGONQUIN ROAD
PAVEMENT JOINTING DETAIL

SCALE: VERT. 1"=20'
 HORIZ. DATE: 8/5/2009

DRAWN BY: E.D.
 CHECKED BY: B.S.

PLOT DATE = Friday, August 07, 2009
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 PLOT SCALE = 281
 USER NAME = 3859

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

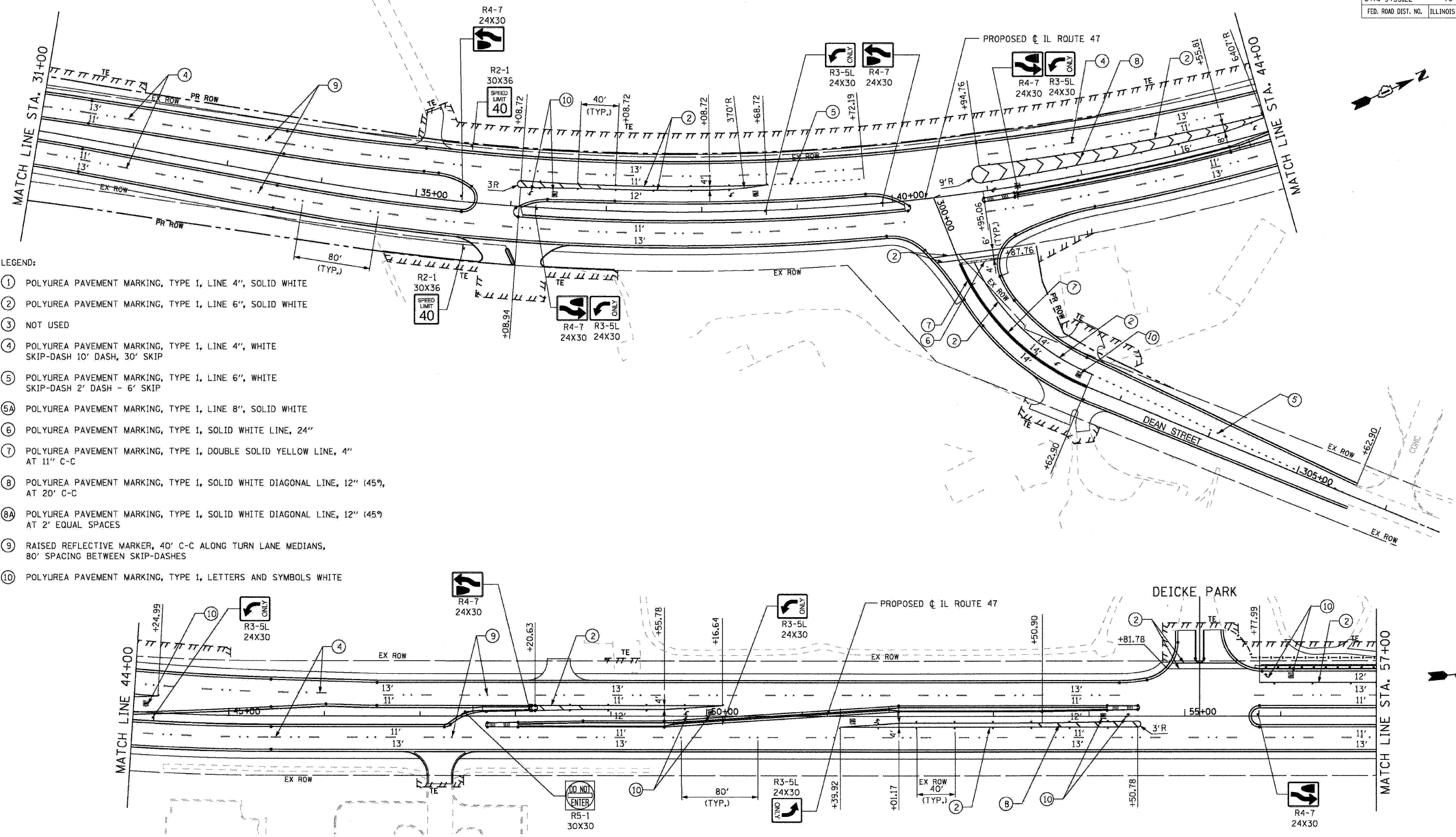


LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
- ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
- ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°), AT 20' C-C
- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE

<p>RHEO GROUP, P.C. Construction Management, Transportation Planning</p> <p>8131 West Catherine Avenue Chicago, Illinois 60656 773-774-9489 773-467-0359 FAX</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">NAME</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	NAME	DATE																			<p>ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD</p> <p>PAVEMENT MARKING PLAN STA. 9+5.22 TO STA. 31+00</p> <p>SCALE: 1" = 50' DATE: _____</p> <p style="text-align: right;">DRAWN BY: DS CHECKED BY: AW</p>
	NAME	DATE																				

PLOT DATE = Wednesday, August 05, 2009
 PLOT SCALE = 1" = 50'
 PLOT NAME = I:\11-CADD\07-ent\253.dwg
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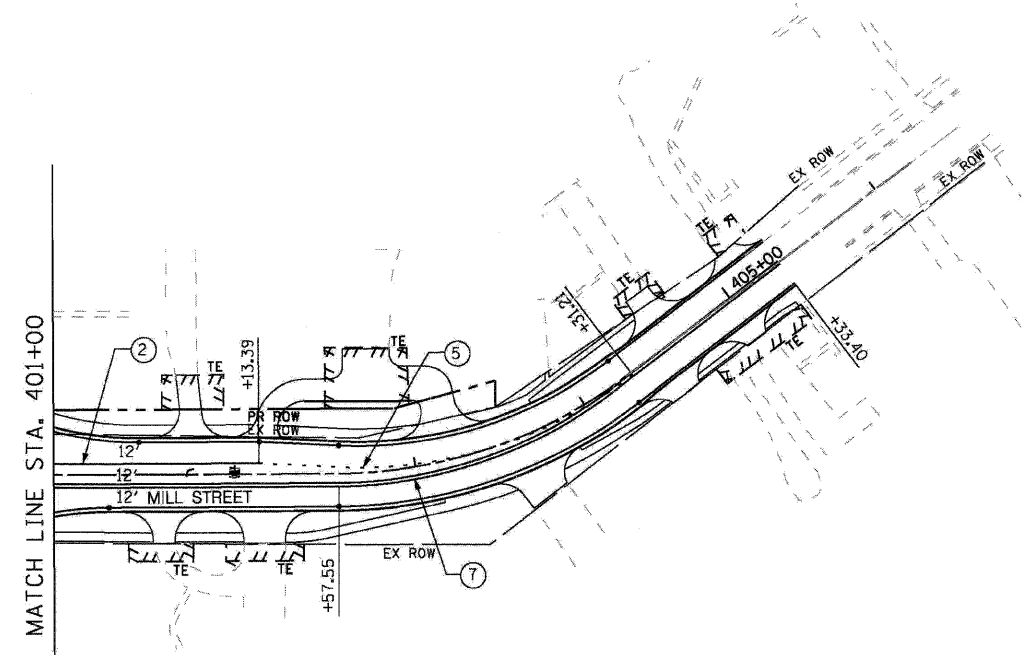
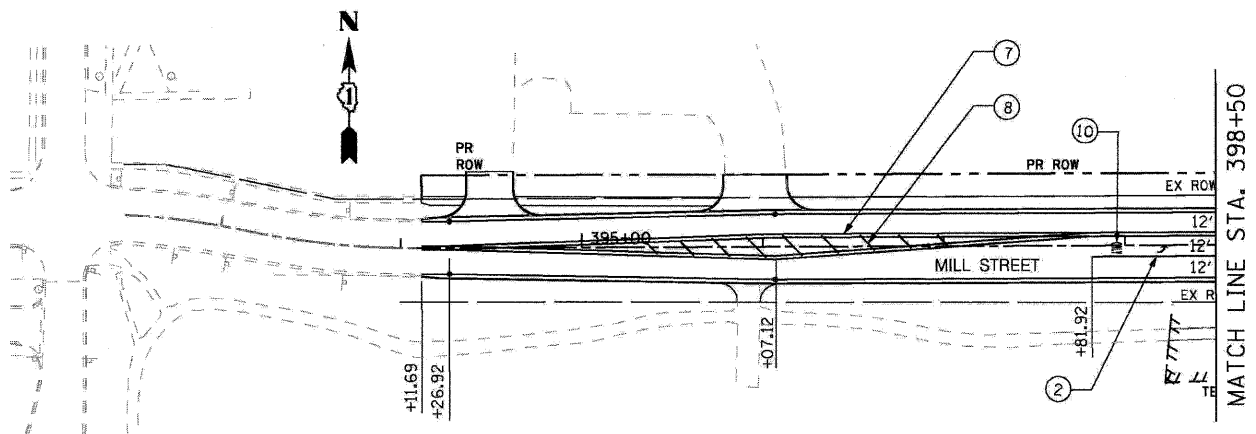
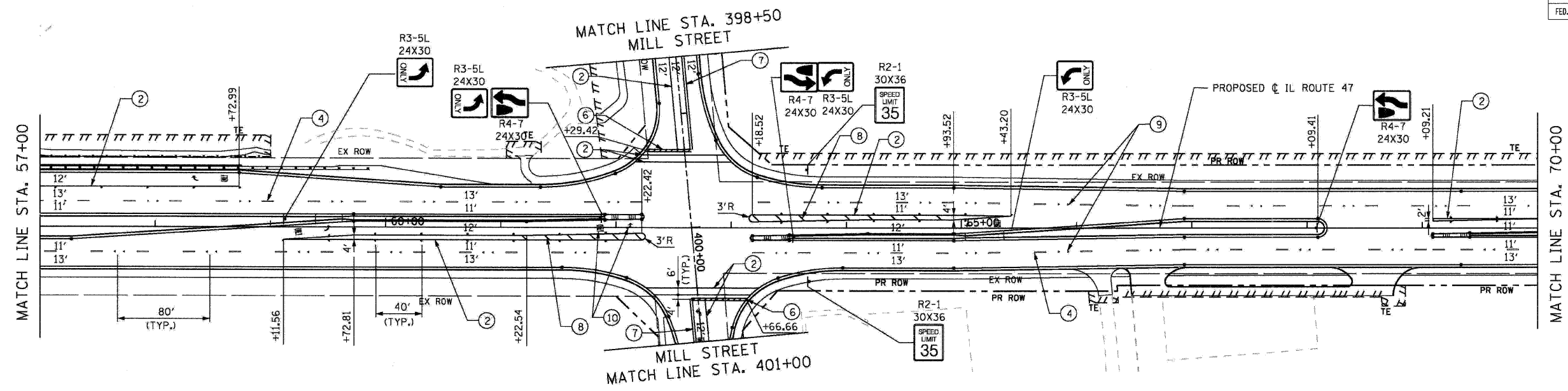


- LEGEND:
- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
 - ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
 - ③ NOT USED
 - ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
 - ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
 - ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
 - ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
 - ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 20' C-C
 - ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
 - ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
 - ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE

PLOT DATE = Wednesday, August 05, 2009
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RHEO GROUP, P.C. Construction Management, Transportation Planning 8131 West Catherine Avenue Chicago, Illinois 60656 773-774-9489 773-467-0359 FAX	REVISIONS NAME DATE		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD PAVEMENT MARKING PLAN STA. 31+00 TO STA. 57+00 SCALE: 1" = 50' DATE: _____ DRAWN BY: DS CHECKED BY: AW
	(Empty revision table)		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	255
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
- ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
- ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°), AT 20' C-C
- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE

RHEO GROUP, P.C.
 Construction Management, Transportation Planning

8131 West Catherine Avenue
 Chicago, Illinois 60666
 773-774-9489
 773-467-0359 FAX

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD

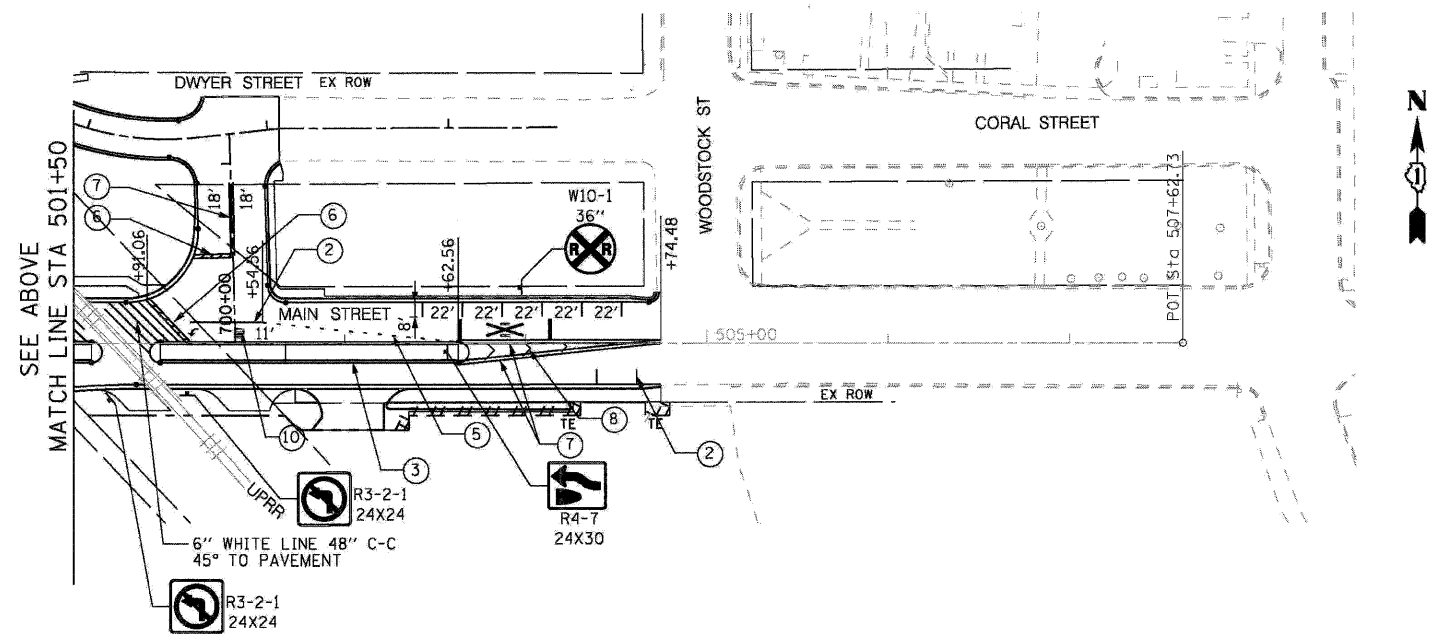
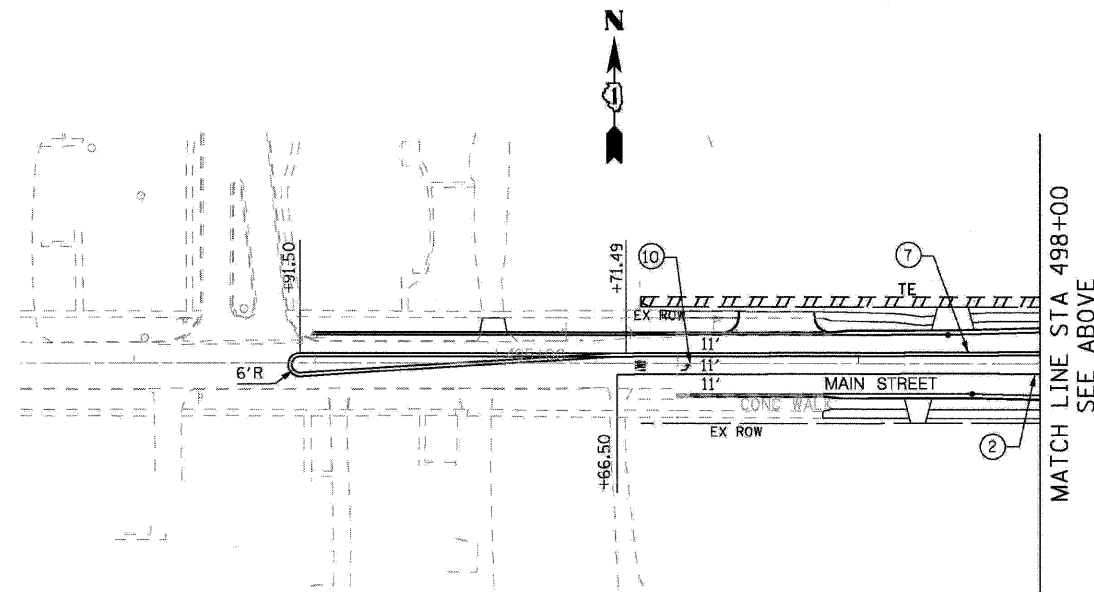
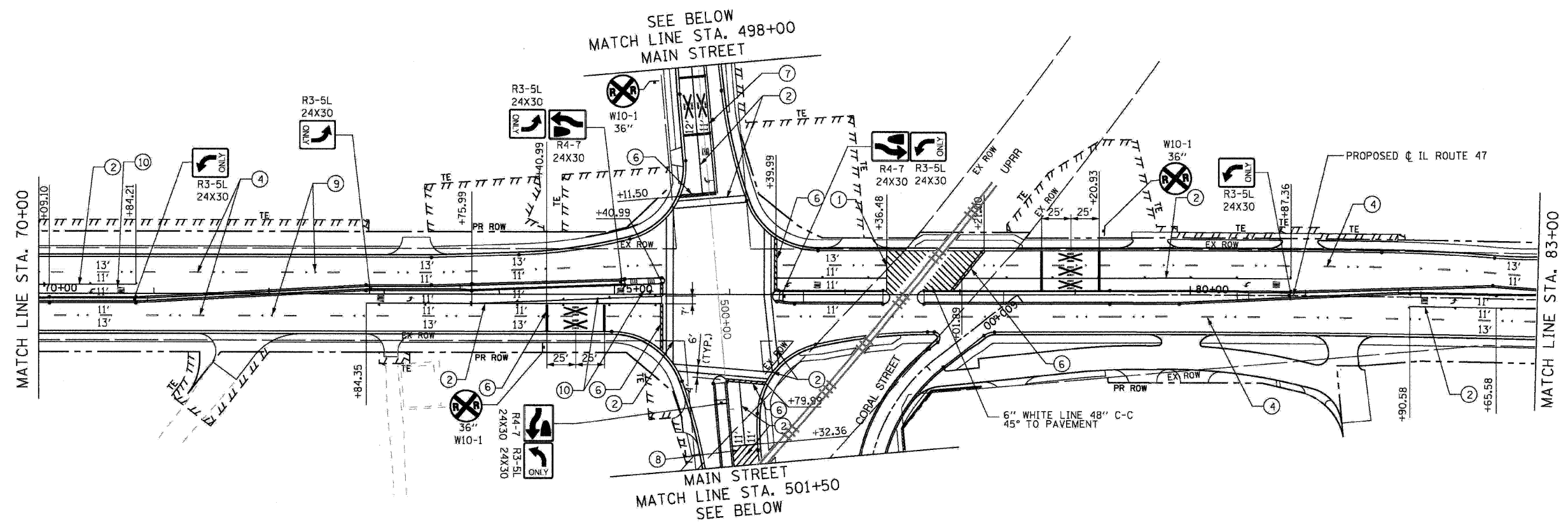
PAVEMENT MARKING PLAN
 STA. 57+00 TO STA. 70+00
 MILL STREET

SCALE: 1" = 50'

DATE: _____ DRAWN BY: DS
 CHECKED BY: AW

PLOT DATE = Wednesday, August 05, 2009
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	256
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
- ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
- ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°), AT 20' C-C
- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE

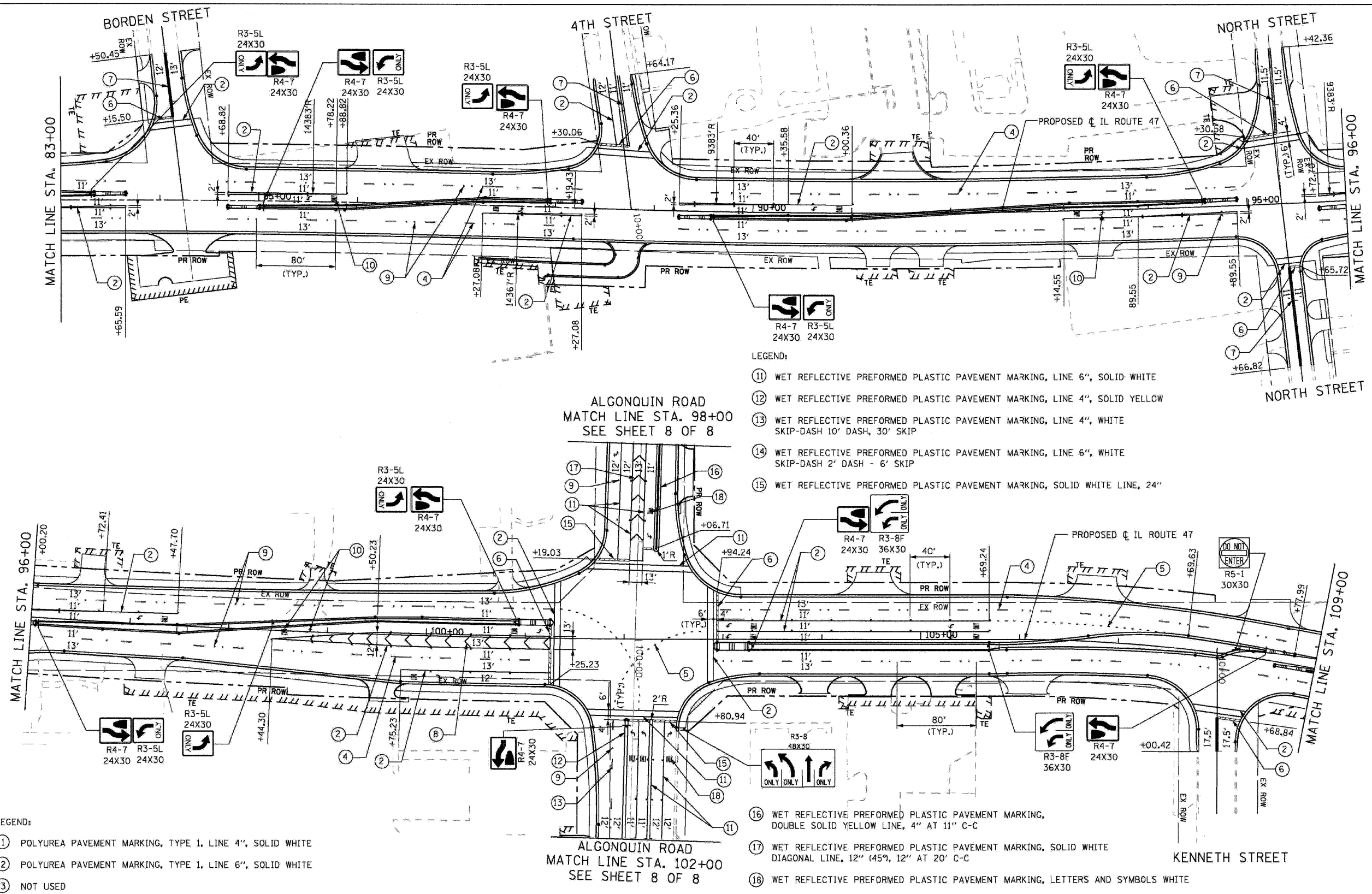
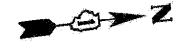
RHEO GROUP, P.C.
 Construction Management, Transportation Planning
 8131 West Catherine Avenue
 Chicago, Illinois 60656
 773-774-9489
 773-467-0359 FAX

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD
PAVEMENT MARKING PLAN
 STA. 70+00 TO STA. 83+00
 MAIN STREET
 SCALE: 1" = 50'
 DATE: _____ DRAWN BY: DS
 CHECKED BY: AW

PLOT DATE = Wednesday, August 05, 2009
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	257
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND:

- ⑪ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 6", SOLID WHITE
- ⑫ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 4", SOLID YELLOW
- ⑬ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑭ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑮ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, SOLID WHITE LINE, 24"

LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
- ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C

- ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°), AT 20' C-C
- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE

LEGEND:

- ⑯ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
- ⑰ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, SOLID WHITE DIAGONAL LINE, 12" (45°), 12" AT 20' C-C
- ⑱ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS WHITE

RHEO GROUP, P.C.
 Construction Management, Transportation Planning
 8131 West Catherine Avenue
 Chicago, Illinois 60656
 773-774-9489
 773-467-0359 FAX

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD

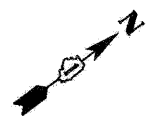
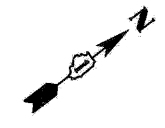
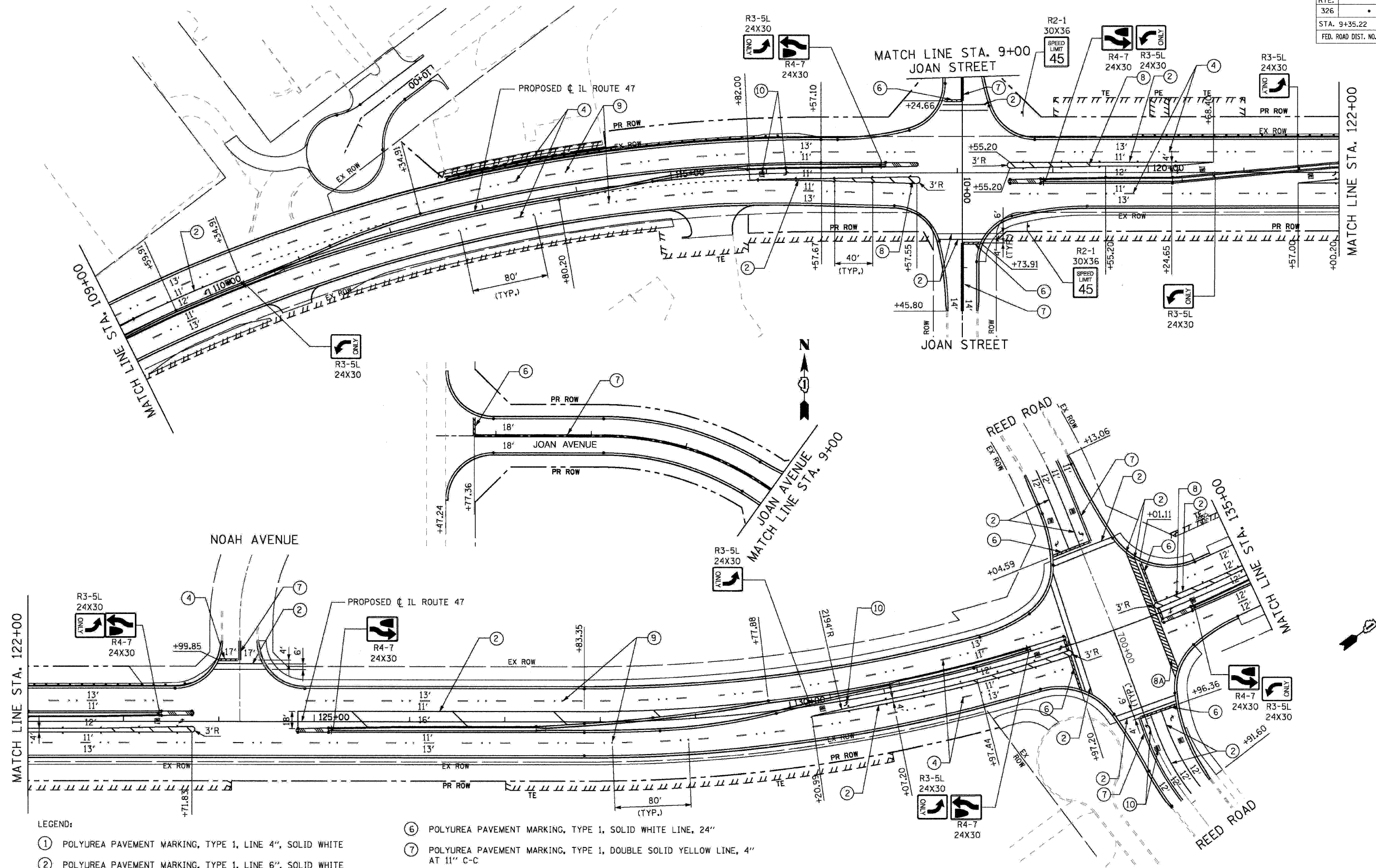
PAVEMENT MARKING PLAN
 STA. 83+00 TO STA. 109+00

SCALE: 1" = 50'
 DATE: _____

DRAWN BY: DS
 CHECKED BY: AW

PLOT DATE = Wednesday, August 05, 2009
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	258
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND:**
- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
 - ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
 - ③ NOT USED
 - ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
 - ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
 - ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
 - ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
 - ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
 - ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°), AT 20' C-C
 - ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
 - ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
 - ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE

RHEO GROUP, P.C.
 Construction Management, Transportation Planning

8131 West Catherine Avenue
 Chicago, Illinois 60656
 773-774-9489
 773-467-0359 FAX

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD

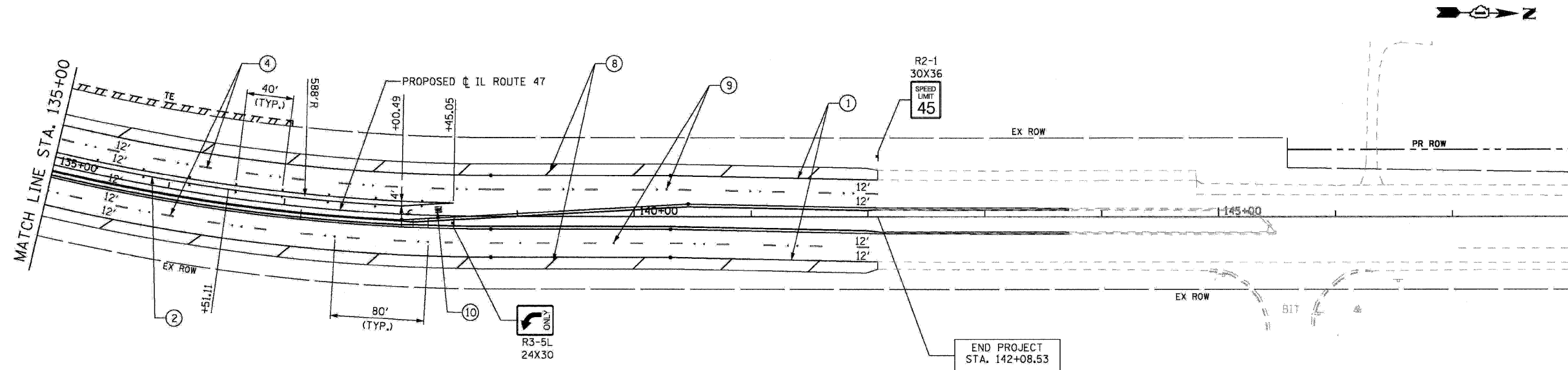
PAVEMENT MARKING PLAN
 STA. 109+00 TO STA. 135+00

SCALE: 1" = 50'
 DATE: _____

DRAWN BY: DS
 CHECKED BY: AW

PLOT DATE = Wednesday, August 05, 2009
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	259
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



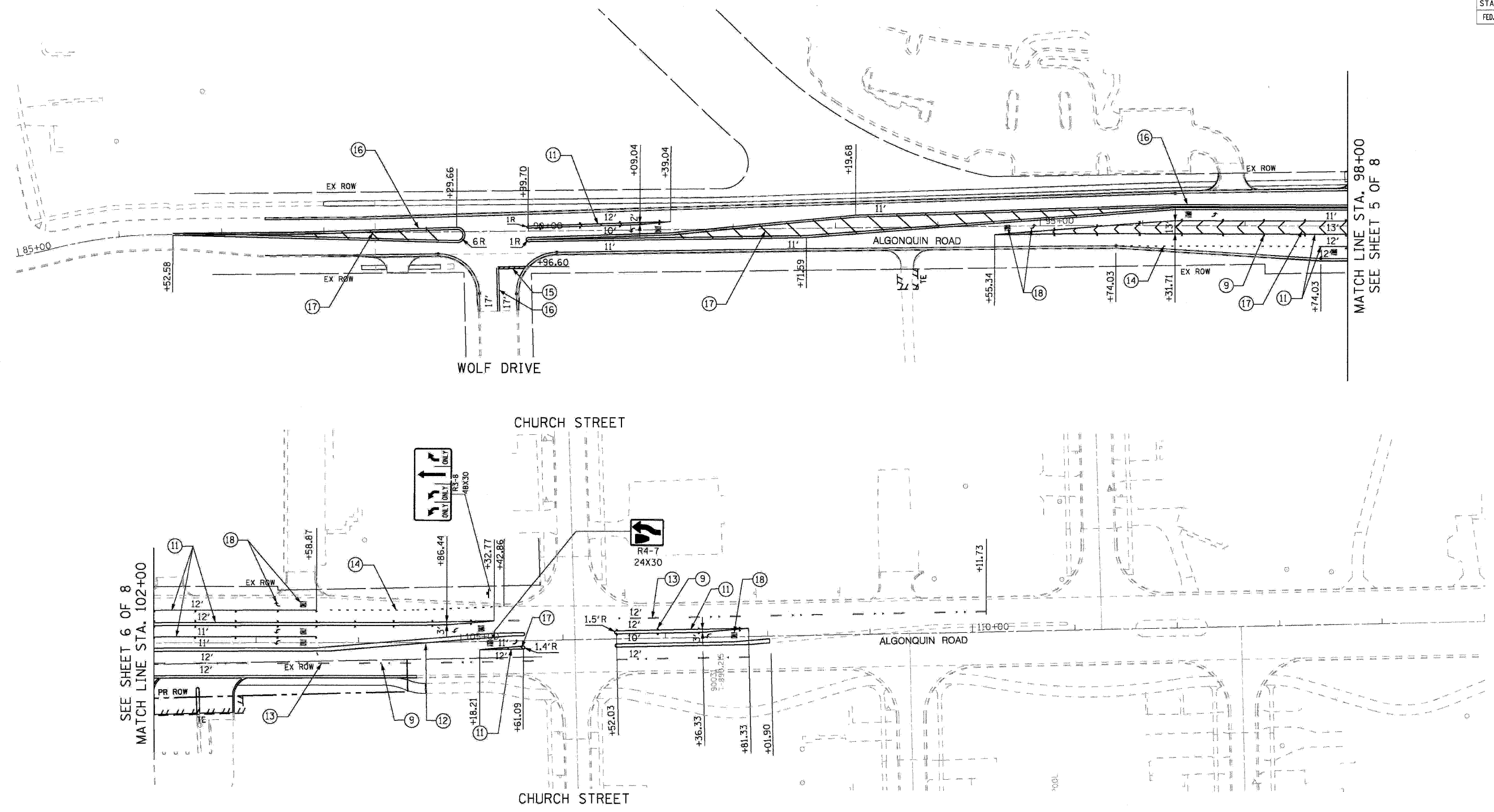
LEGEND:

- ① POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", SOLID WHITE
- ② POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", SOLID WHITE
- ③ NOT USED
- ④ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
- ⑤ POLYUREA PAVEMENT MARKING, TYPE 1, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
- ⑤A POLYUREA PAVEMENT MARKING, TYPE 1, LINE 8", SOLID WHITE
- ⑥ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE LINE, 24"
- ⑦ POLYUREA PAVEMENT MARKING, TYPE 1, DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
- ⑧ POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 20' C-C
- ⑧A POLYUREA PAVEMENT MARKING, TYPE 1, SOLID WHITE DIAGONAL LINE, 12" (45°) AT 2' EQUAL SPACES
- ⑨ RAISED REFLECTIVE MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES
- ⑩ POLYUREA PAVEMENT MARKING, TYPE 1, LETTERS AND SYMBOLS WHITE

<p>RHEO GROUP, P.C. Construction Management, Transportation Planning</p> <p>8131 West Catherine Avenue Chicago, Illinois 60656 773-774-9489 773-467-0359 FAX</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		NAME	DATE																							<p>ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD</p> <p>PAVEMENT MARKING PLAN STA. 135+00 TO STA. 142+08.53</p> <p>SCALE: 1" = 50' DATE: _____</p> <p>DRAWN BY: DS CHECKED BY: AW</p>
	NAME	DATE																									
<p> </p>																											

PLOT DATE = Wednesday, August 05, 2009
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 USER NAME = shh
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	260
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



SEE SHEET 6 OF 8
MATCH LINE STA. 102+00

MATCH LINE STA. 98+00
SEE SHEET 5 OF 8

- LEGEND:**
- ⑪ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 6", SOLID WHITE
 - ⑫ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 4", SOLID YELLOW LINE
 - ⑬ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 4", WHITE SKIP-DASH 10' DASH, 30' SKIP
 - ⑭ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 6", WHITE SKIP-DASH 2' DASH - 6' SKIP
 - ⑮ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, SOLID WHITE LINE, 24"
 - ⑯ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LINE 6", SOLID WHITE DOUBLE SOLID YELLOW LINE, 4" AT 11" C-C
 - ⑰ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, SOLID WHITE DIAGONAL LINE, 12" (45°), 12" AT 20' C-C
 - ⑱ WET REFLECTIVE PREFORMED PLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS WHITE
 - ⑨ RAISED REFLECTIVE PAVEMENT MARKER, 40' C-C ALONG TURN LANE MEDIANS, 80' SPACING BETWEEN SKIP-DASHES

RHEO GROUP, P.C.
Construction Management, Transportation Planning

8131 West Catherine Avenue
Chicago, Illinois 60656
773-774-9489
773-467-0369 FAX

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47 KREUTZER ROAD TO REED ROAD

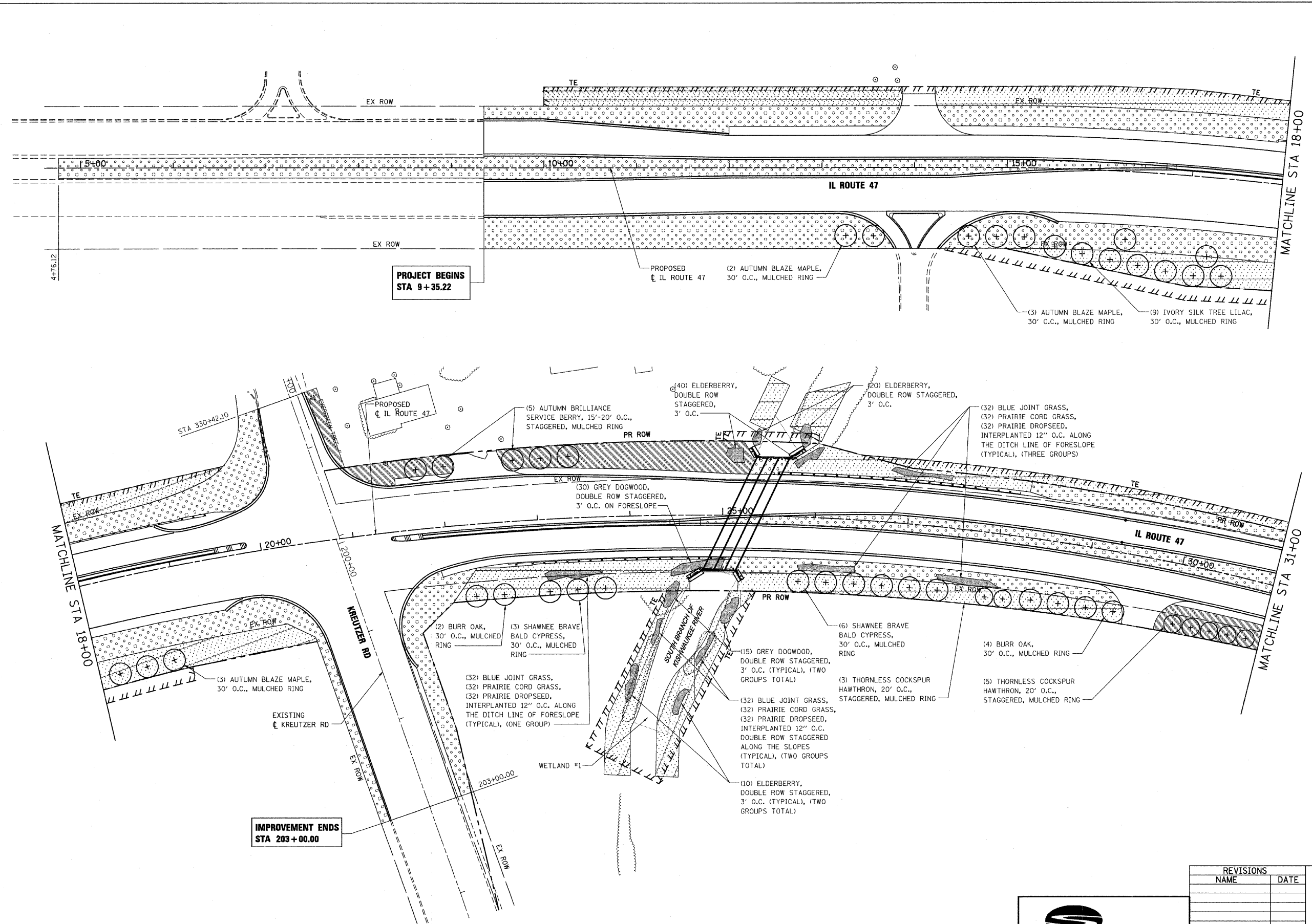
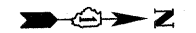
**PAVEMENT MARKING PLAN
ALGONQUIN ROAD**

SCALE: 1" = 60'
DATE: _____

DRAWN BY: DS
CHECKED BY: AW

PLOT DATE = Wednesday, August 05, 2009
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 7/25/2009 10:03:32 PM E:\projects\final\submit\ah\p08.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	261
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				



LEGEND:

	SODDING SALT TOLERANT
	SEEDING, CLASS 2A
	SEEDING, CLASS 4

NOTE:
SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.

PLOT DATE = Tuesday, October 27, 2009
FILE NAME = S:\11-CADD\01-mh\261-plan\sh1.dgn
PLOT SCALE = 1/8"=1'-0"
USER NAME = JG90

REVISIONS	
NAME	DATE

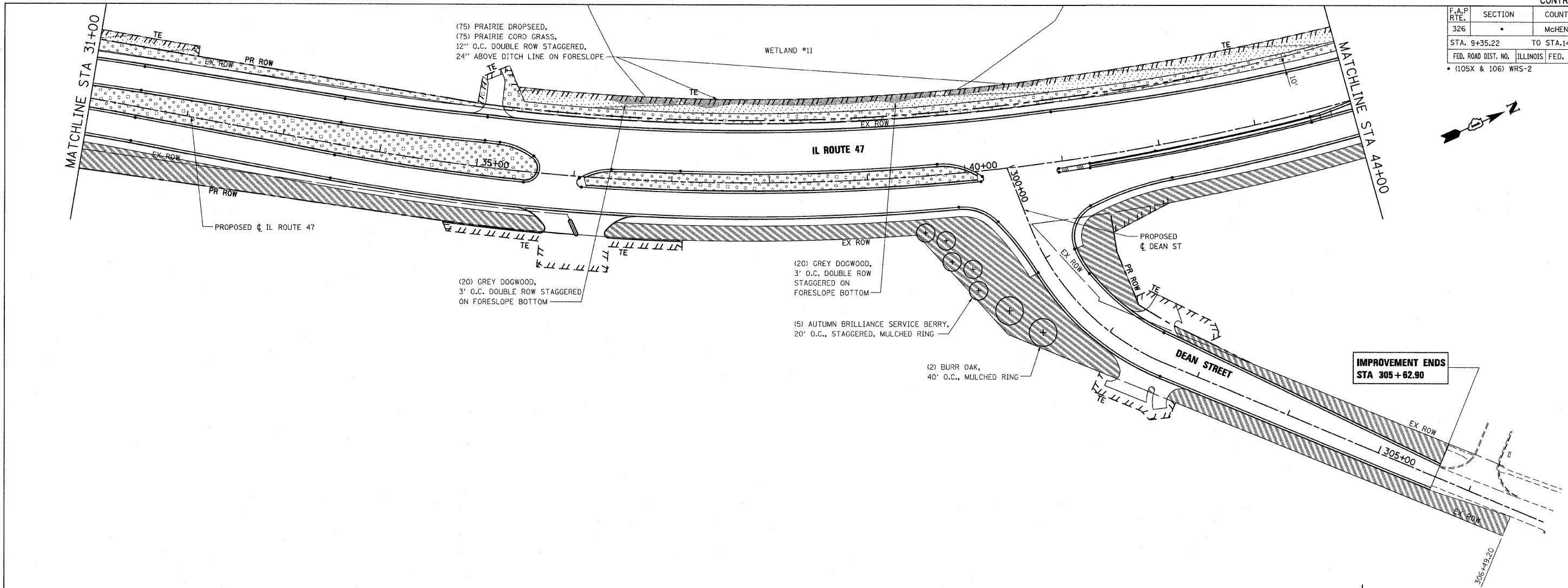
Stanley Consultants INC.
850 West Higgins Road, Suite 130, Chicago, Illinois 60639-2801
www.stanleygroup.com
Illinois Firm Registration No. 04-00533
(773) 635-9524

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 1 OF 7**

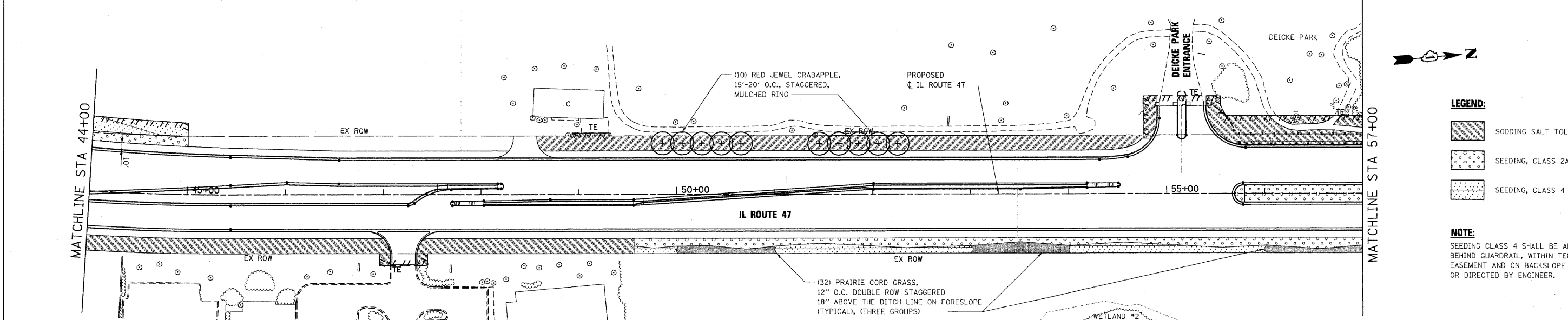
SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 10/27/2009

DRAWN BY: E.D.
CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	262
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				



IMPROVEMENT ENDS
STA 305+62.90



- LEGEND:**
- SODDING SALT TOLERANT
 - SEEDING, CLASS 2A
 - SEEDING, CLASS 4

NOTE:
SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.

REVISIONS	
NAME	DATE

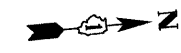
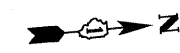
ILLINOIS DEPARTMENT OF TRANSPORTATION
**ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 2 OF 7**




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HORIZ. 1"=50'
DATE: 10/27/2009
DRAWN BY: E.D.
CHECKED BY: A.A.C.

Stanley Consultants Inc.
850 West Higgins Road, Suite 710, Chicago, Illinois 60631-2803
www.stanleygroup.com
Illinois Firm Registration No. 84-00633
(773) 693-8624

PLOT DATE = Tuesday, October 27, 2009
FILE NAME = S:\11-CADD\11-sht\262_Landc.sht
USER NAME = 3690

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	263
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



- LEGEND:**
-  SODDING SALT TOLERANT
 -  SEEDING, CLASS 2A
 -  SEEDING, CLASS 4

NOTE:
SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 3 OF 7

SCALE: VERT. 1"=50'
HORIZ. DATE: 10/27/2009
DRAWN BY: E.D.
CHECKED BY: A.A.C.



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850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2808
www.stanleyconsultants.com
State Firm Registration No. 04-00533
(773) 693-9624

SEE LANDSCAPE PLAN SHEET 4 OF 7 FOR CONTINUATION

MAIN STREET MATCHLINE STA 501+50
CORAL STREET MATCHLINE STA 602+00

SEE LANDSCAPE PLAN SHEET 4 OF 7 FOR CONTINUATION
MAIN STREET MATCHLINE STA 498+00

MILL STREET MATCHLINE STA 402+00
SEE LANDSCAPE PLAN SHEET 4 OF 7 FOR CONTINUATION

SEE LANDSCAPE PLAN SHEET 4 OF 7 FOR CONTINUATION
MILL STREET MATCHLINE STA 398+00

MATCHLINE STA 57+00

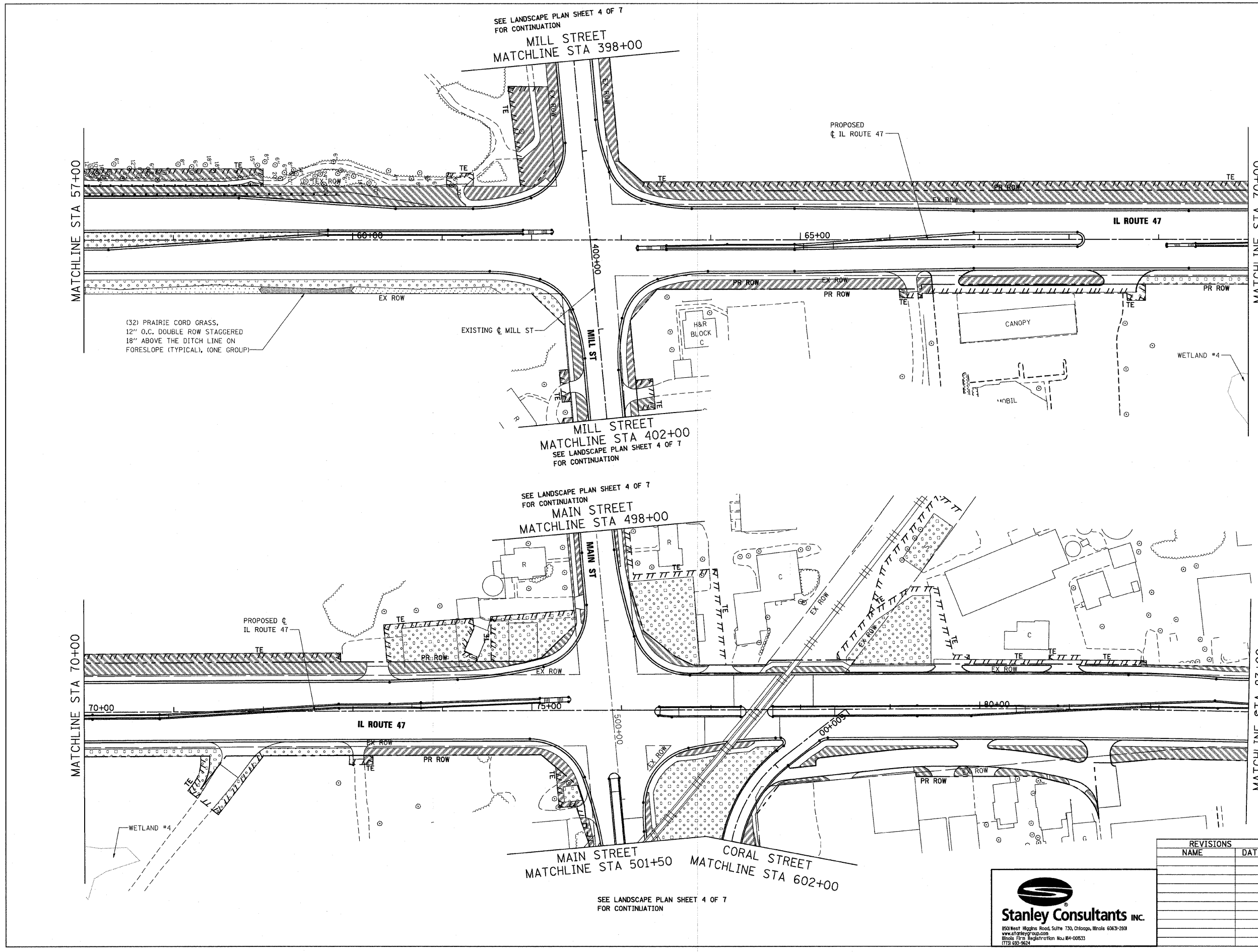
MATCHLINE STA 70+00

MATCHLINE STA 70+00

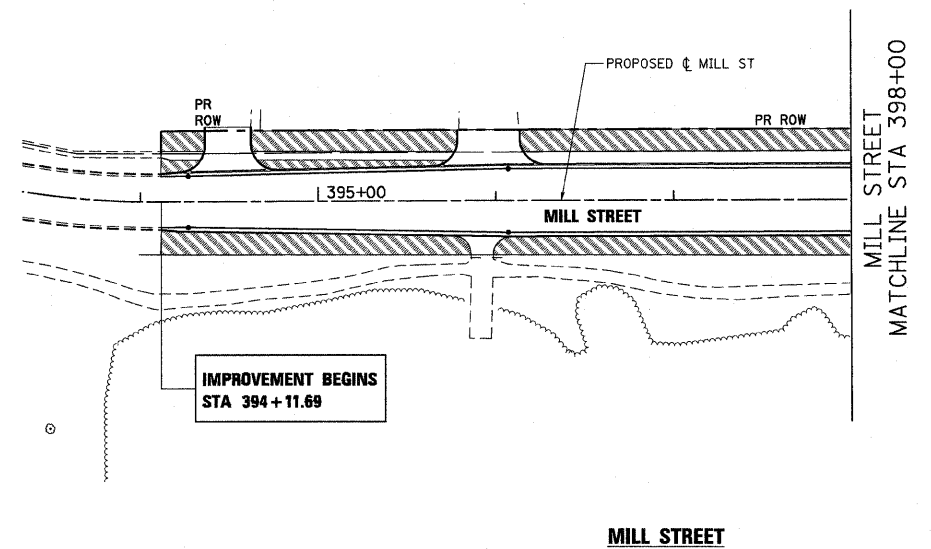
MATCHLINE STA 83+00

(32) PRAIRIE CORD GRASS,
12" O.C. DOUBLE ROW STAGGERED
18" ABOVE THE DITCH LINE ON
FORESLOPE (TYPICAL), (ONE GROUP)

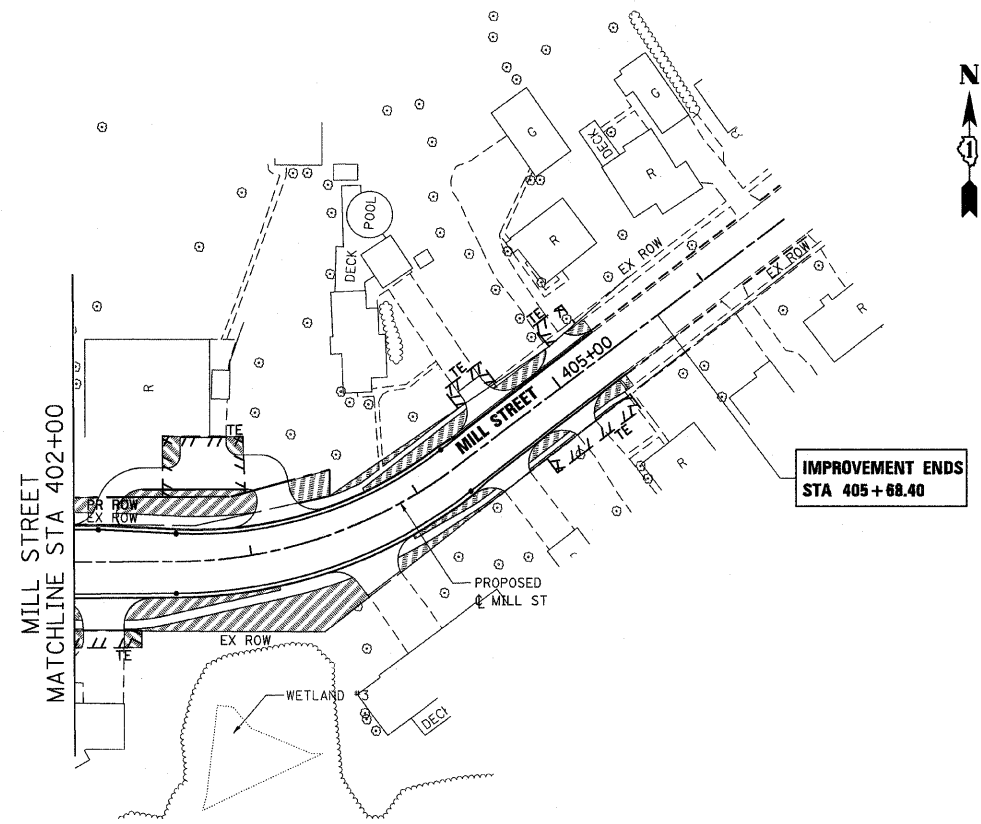
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USER NAME = JAC



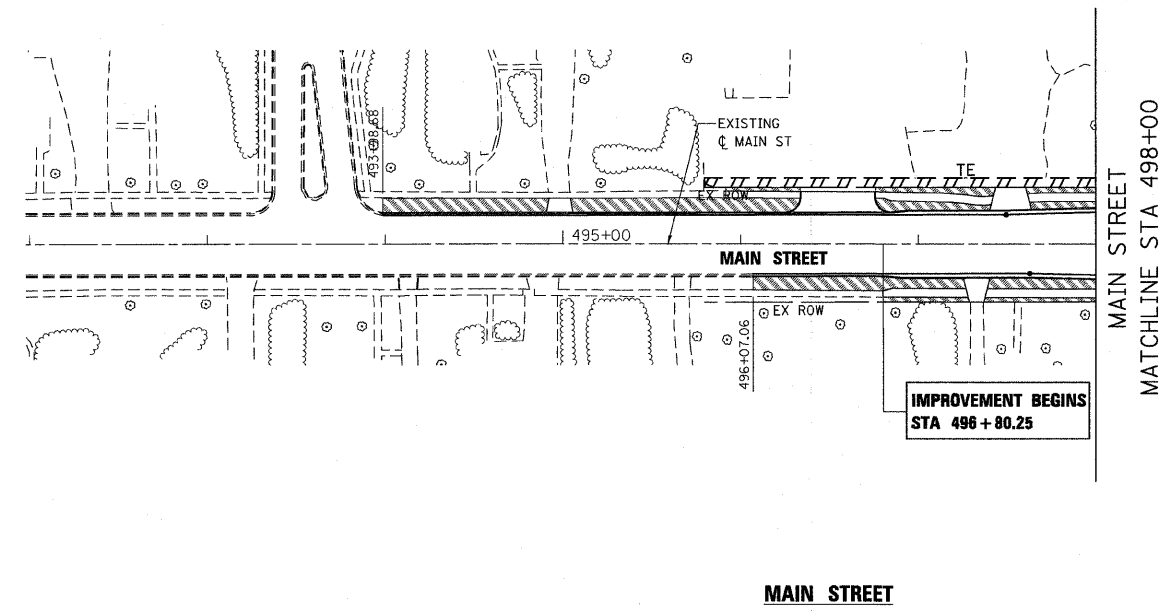
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326	*	McHENRY	502	264
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (105X & 106) WRS-2				



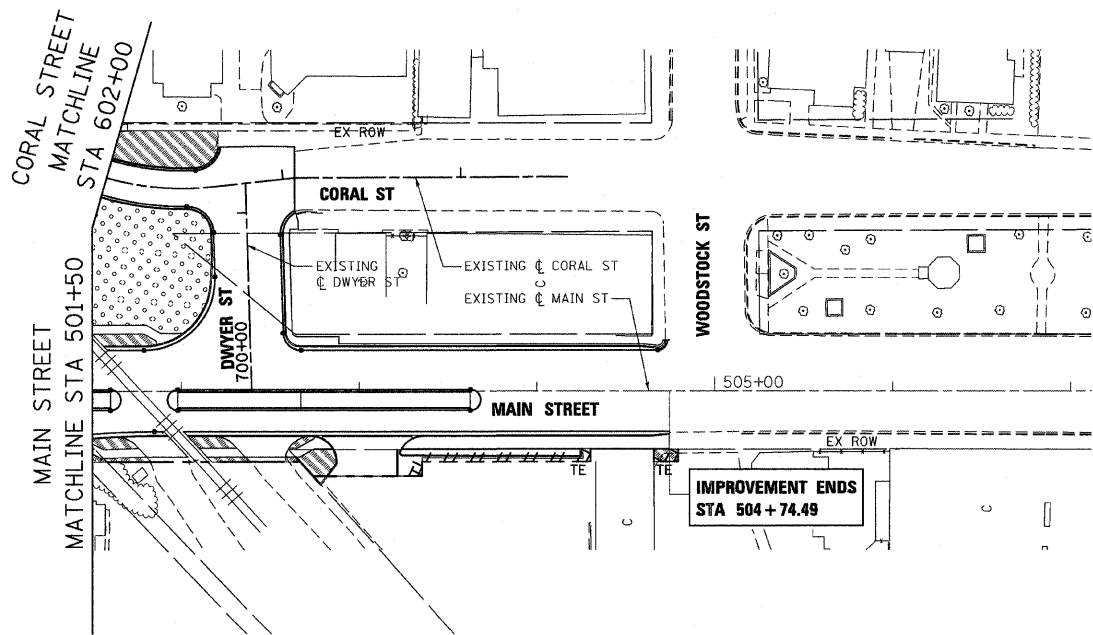
SEE LANDSCAPE PLAN SHEET 3 OF 7 FOR CONTINUATION



NOTE:
SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.



SEE LANDSCAPE PLAN SHEET 3 OF 7 FOR CONTINUATION



LEGEND:

	SODDING SALT TOLERANT
	SEEDING, CLASS 2A
	SEEDING, CLASS 4

PLOT DATE = Tuesday, October 27, 2009
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USER NAME = JCB

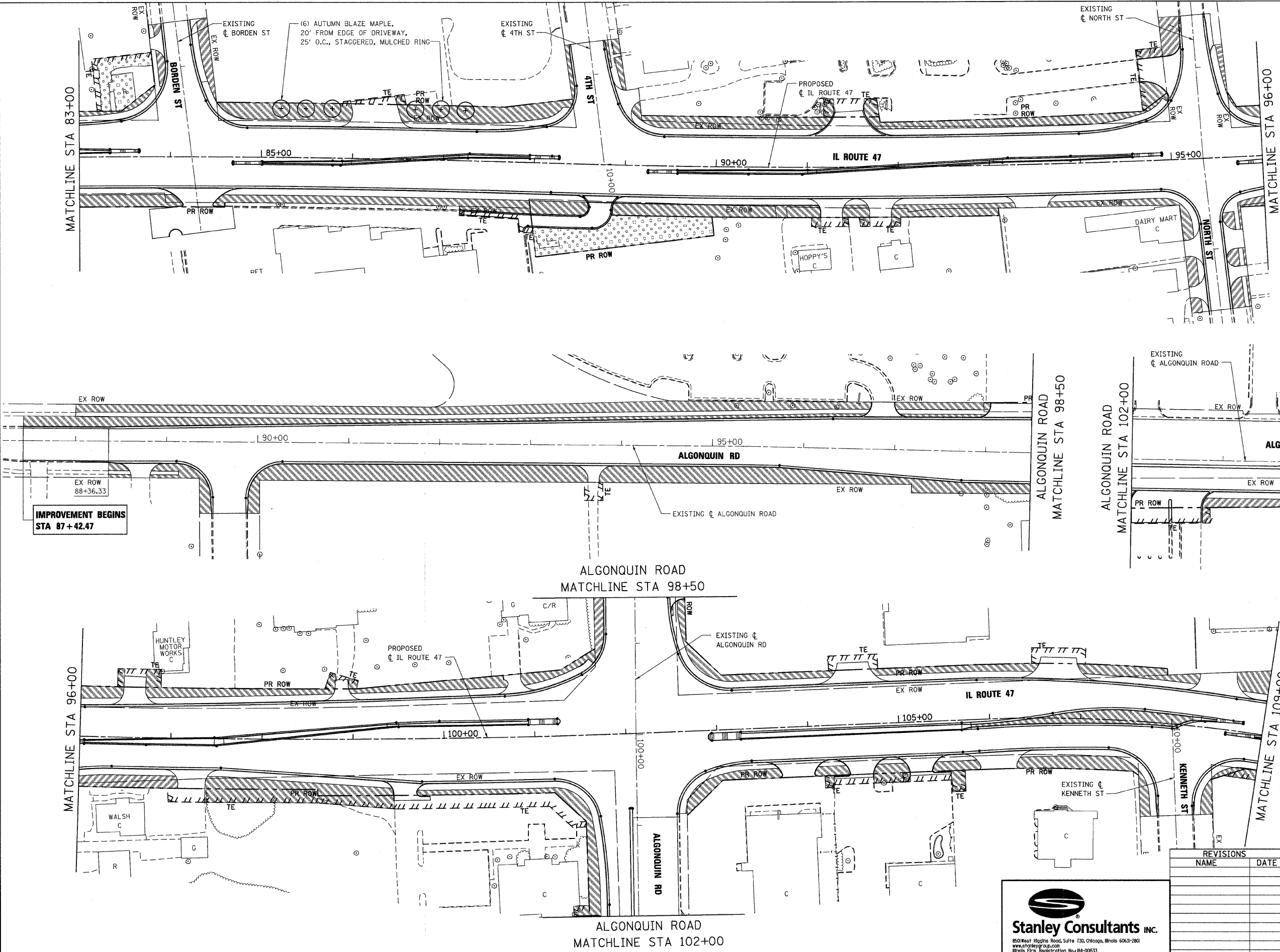
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILL STREET & MAIN STREET
LANDSCAPING PLAN
SHEET 4 OF 7

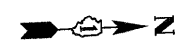
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HORIZ. 1"=40'
DATE: 10/27/2009

DRAWN BY: E.D.
CHECKED BY: A.A.C.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	265
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (105X & 106) WRS-2				



NOTE:
SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.



- LEGEND:**
- SODDING SALT TOLERANT
 - SEEDING, CLASS 2A
 - SEEDING, CLASS 4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 5 OF 7

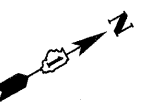
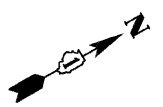
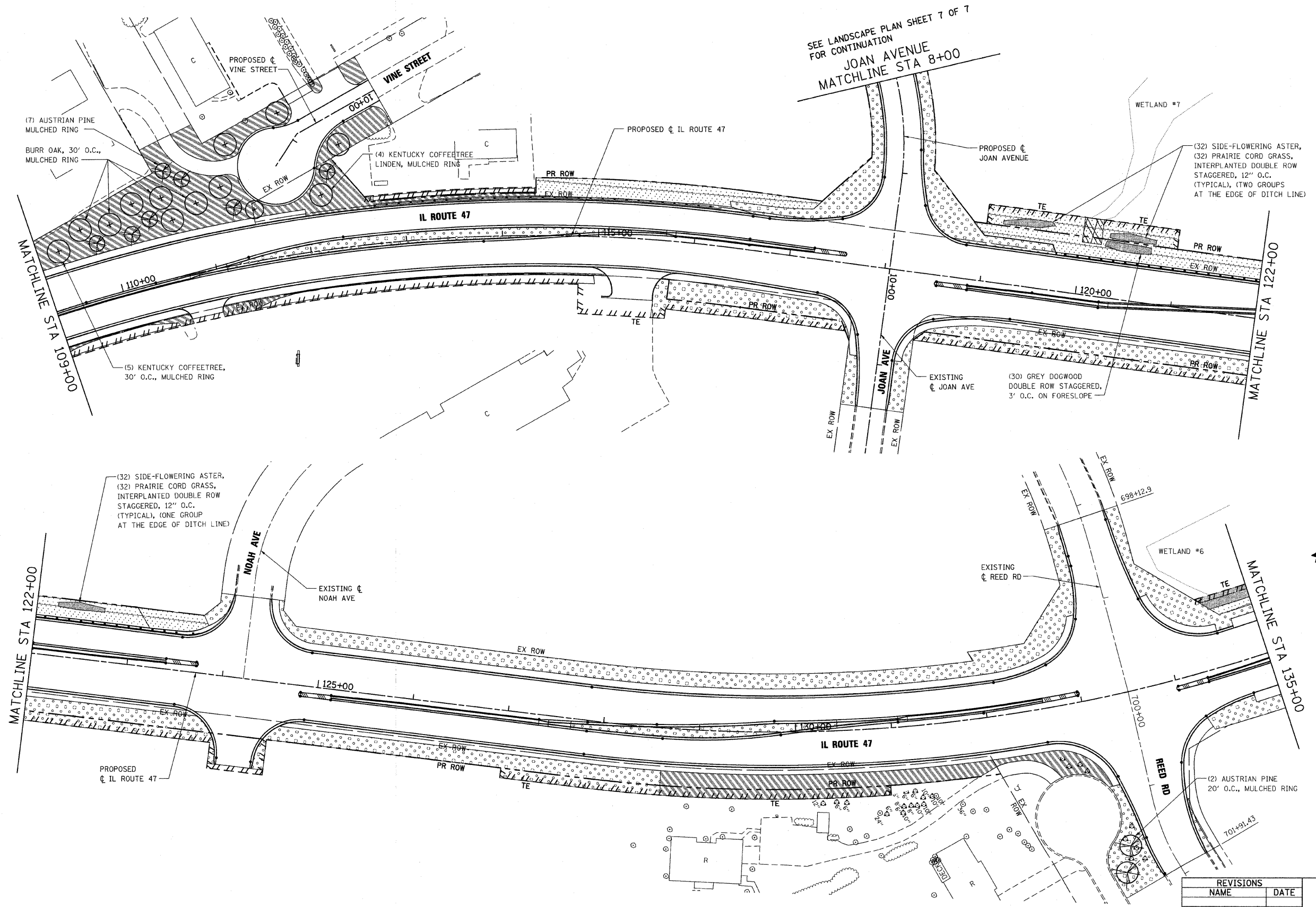
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HORIZ. 1"=100'
DATE: 10/27/2009
DRAWN BY: E.D.
CHECKED BY: A.A.C.

Stanley Consultants INC.
850 West Higgins Road, Suite 130, Chicago, Illinois 60631-2801
www.stanleygroup.com
Illinois State Registration No. 04-006533
(773) 681-9614

PLOT DATE = Tuesday, October 27, 2009
 FILE NAME = S:\11-CADD\11-ent\265_land.dwg
 PLOT SCALE = 50%
 USER NAME = 3696

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	266
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

SEE LANDSCAPE PLAN SHEET 7 OF 7 FOR CONTINUATION
 JOAN AVENUE
 MATCHLINE STA 8+00



- LEGEND:**
- SODDING SALT TOLERANT
 - SEEDING, CLASS 2A
 - SEEDING, CLASS 4

NOTE:
 SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.

PLOT DATE = Tuesday, October 27, 2009
 FILE NAME = S:\11-CADD\11-ah\266_Land_ah486.dgn
 PLOT SCALE = 50%
 USER NAME = 3696



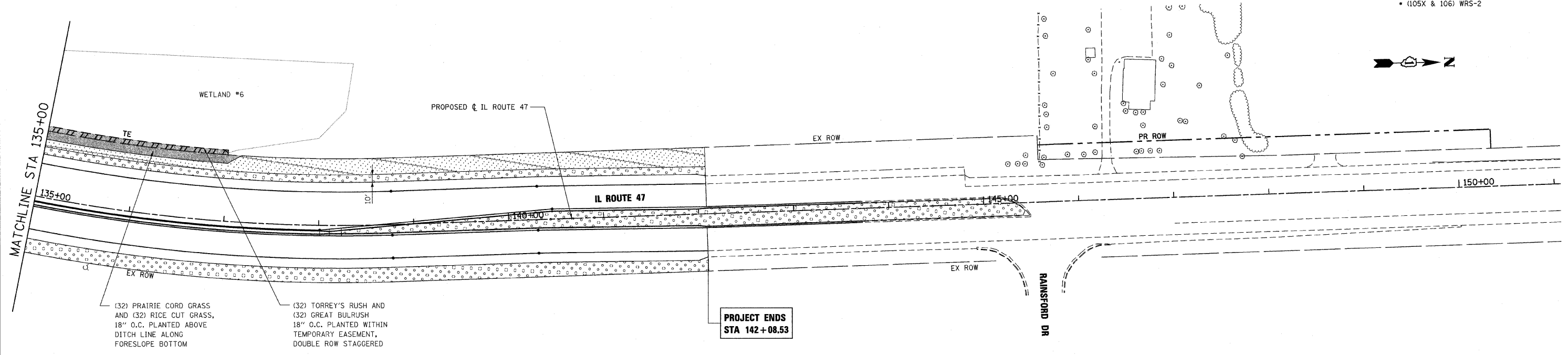
Stanley Consultants INC.
 850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleyconsultants.com
 Illinois Firm Registration No. 04-00533
 (773) 691-2800

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 6 OF 7

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 10/27/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

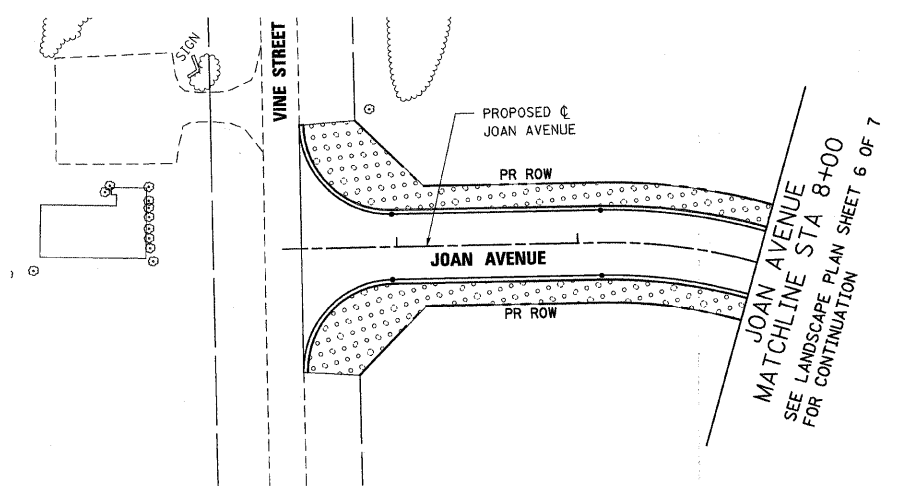
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326		McHENRY	502	267
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (105X & 106) WRS-2				






(32) PRAIRIE CORD GRASS AND (32) RICE CUT GRASS, 18" O.C. PLANTED ABOVE DITCH LINE ALONG FORESLOPE BOTTOM

(32) TORREY'S RUSH AND (32) GREAT BULRUSH 18" O.C. PLANTED WITHIN TEMPORARY EASEMENT, DOUBLE ROW STAGGERED

**PROJECT ENDS
STA 142+08.53**



LEGEND:

-  SODDING SALT TOLERANT
-  SEEDING, CLASS 2A
-  SEEDING, CLASS 4

NOTE:

SEEDING CLASS 4 SHALL BE APPLIED BEHIND GUARDRAIL, WITHIN TEMPORARY EASEMENT AND ON BACKSLOPE AS SHOWN OR DIRECTED BY ENGINEER.

PLOT DATE = Tuesday, October 27, 2009
 FILE NAME = S:\1-CADD\1-hh\267_land_hh47.dgn
 PLOT SCALE = 50%
 USER NAME = 3859

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 47
LANDSCAPING PLAN
SHEET 7 OF 7



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 850 West Higgins Road, Suite 130, Chicago, Illinois 60639-2801
 www.stanleygroup.com
 Illinois Firm Registration No. 04-00533
 (773) 693-9624

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 10/27/2009
 DRAWN BY: E.D.
 CHECKED BY: A.A.C.

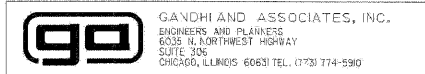
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	268
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF TRAFFIC SIGNAL QUANTITIES

DESIGNATION	JUNIT	TOTAL QUANTITIES	ILL. RTE 47 @ KREUTZER ROAD	ILL. RTE. 47 @ MAIN STREET	ILL. RTE. 47 @ ALGONQUIN ROAD	ILL. RTE. 47 @ REED ROAD	PROPOSED INTERCONNECT
SIGN PANEL - TYPE 1	50 FT	265	73	92	73	27	-
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	11767	524	637	1051	653	8902
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	366	98	65	85	118	-
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	182	55	68	59	-	-
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	277	116	74	87	-	-
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	40	10	10	10	10	-
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	2209	212	462	274	148	1113
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	105	-	105	-	-	-
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	2231	327	958	455	491	-
HANDHOLE	EACH	39	5	9	6	4	15
HEAVY-DUTY HANDHOLE	EACH	16	5	2	4	5	-
DOUBLE HANDHOLE	EACH	9	2	3	2	2	-
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	12329	744	826	1105	752	8902
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1	-	-	-	-
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	4	1	1	1	1	-
TRANSCEIVER - FIBER OPTIC	EACH	4	1	1	1	1	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4044	-	1036	1575	1433	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	8318	994	2546	2636	2142	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	15442	3539	7474	3105	1324	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	6144	1185	873	1462	2624	-
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	13207	3210	3389	3754	2854	-
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	349	30	134	46	140	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	8	1	6	1	-	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1	-	1	-	-	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	9	2	-	3	4	-
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1	1	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	3	-	1	-	2	-
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1	-	-	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1	-	-	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1	-	-	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	3	1	1	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	4	2	1	-	1	-
STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.	EACH	1	-	-	-	1	-
STEEL MAST ARM ASSEMBLY AND POLE, 72 FT.	EACH	1	-	1	-	-	-
CONCRETE FOUNDATION, TYPE A	FOOT	72	12	28	16	16	-
CONCRETE FOUNDATION, TYPE C	FOOT	16	4	4	4	4	-
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	135	30	30	45	30	-
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	175	50	50	25	50	-
DRILL EXISTING HAND-OLE	EACH	1	-	-	-	-	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	38	9	16	9	4	-
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	-	4	-	-	-
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2	-	2	-	-	-
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2	-	2	-	-	-
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	12	3	-	3	6	-
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	1	2	1	-	-
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	-	-	-	2	-
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	8	3	-	3	2	-
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16	-	2	8	6	-
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	-	3	-	1	-
TRAFFIC SIGNAL BACKPLATE	EACH	52	12	18	12	10	-
INDUCTIVE LOOP DETECTOR	EACH	50	13	12	12	13	-
* LIGHT DETECTOR	EACH	15	4	4	4	3	-
* LIGHT DETECTOR AMPLIFIER	EACH	4	1	1	1	1	-
PEDESTRIAN PUSH-BUTTON	EACH	20	-	5	8	7	-
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3	-	1	1	1	-
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	-	1	1	1	-
REMOVE EXISTING HANDHOLE	EACH	36	-	16	9	11	-
REMOVE EXISTING CONCRETE FOUNDATION	EACH	26	-	12	9	5	-
REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	-	-	-	-
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	12049	-	-	-	-	12049
PREFORMED DETECTOR LOOP	FOOT	5080	1547	1375	573	1585	-
PAINT NEW TRAFFIC SIGNAL POST	EACH	18	3	7	4	4	-
PAINT NEW MAST ARM POLE, UNDER 40 FEET	EACH	4	1	1	-	2	-
PAINT NEW MAST ARM POLE, 40 FEET AND OVER	EACH	12	3	3	4	2	-
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4	1	1	1	1	-
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL II	EACH	1	-	-	-	-	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	4	1	1	1	1	-
UNINTERRUPTIBLE POWER SUPPLY	EACH	4	1	1	1	1	-
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	12127	-	-	-	-	12127
* ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	4263	932	1511	911	950	-
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	3948	994	993	989	591	-
ELECTRIC CABLE IN CONDUIT, RAILROAD NO. 14 3/C	FOOT	210	-	210	-	-	-
MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	-	-	-	-
RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	-	1	-	-	-
STEEL CASINGS 8"	FOOT	182	-	182	-	-	-

* 100% COST TO VILLAGE OF HUNTLEY

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 47
FROM KREUTZER RD. TO
REED RD.

REVISIONS	
NAME	DATE

SCALE: NONE
DATE: APRIL 17, 2009
DRAWN BY: MAA
DESIGNED BY: PKG/RRW
CHECKED BY: PKG/RRW

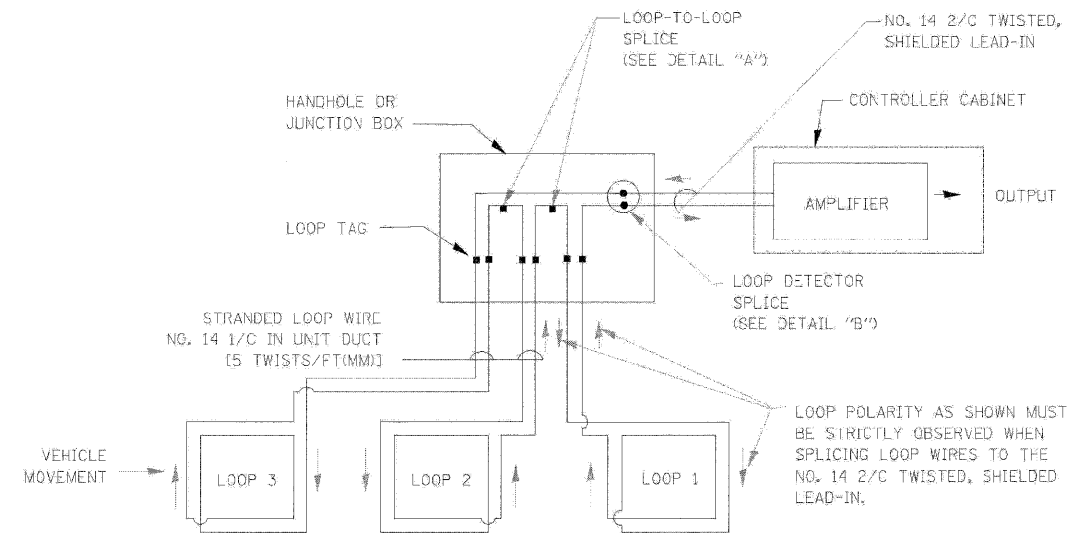
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PLOT SCALE = 1/16"=1'-0000"
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8/11/09
7/20/2009
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	269
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LOOP DETECTOR NOTES

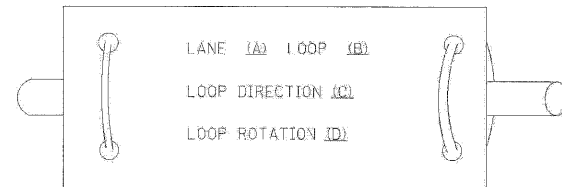
- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVERTHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



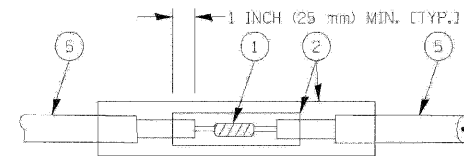
DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

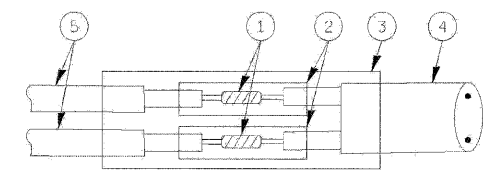
LOOP LEAD-IN CABLE TAG



- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETAIL "A" LOOP-TO-LOOP SPLICE



DETAIL "B" LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

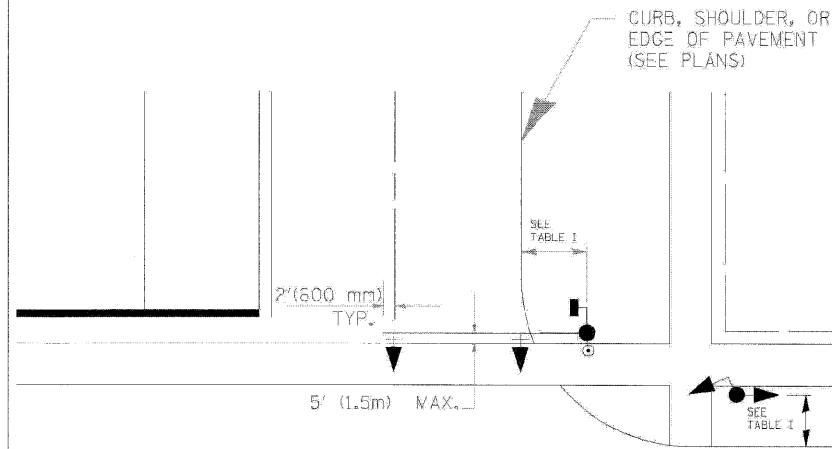
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
NAME	DATE	
		SCALE: VER. NONE HOR.Z. NONE DATE 1-01-02

DRAWN BY: RWP
DESIGNED BY: DAD
CHECKED BY: DAZ
SHEET 1 OF 4

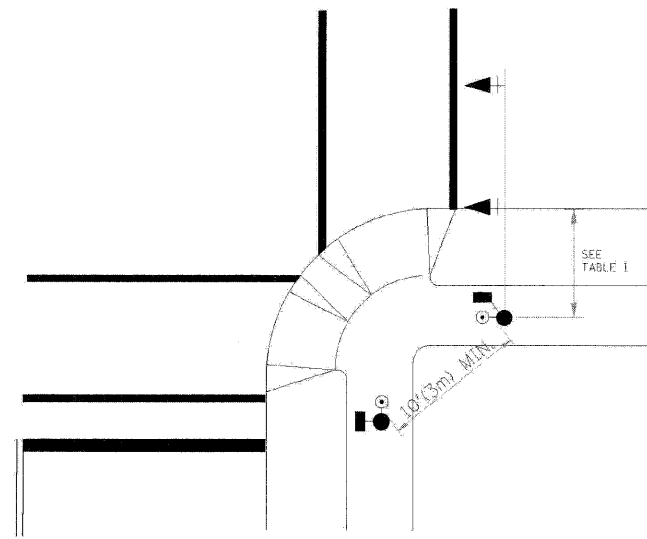
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	270
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND POST

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



PEDESTRIAN SIGNAL PUSHBUTTON



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

NOTES:

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.

AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.

PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:
 A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL-WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
 B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
 C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
 D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
 E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK.
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

PEDESTRIAN SIGNAL POST

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

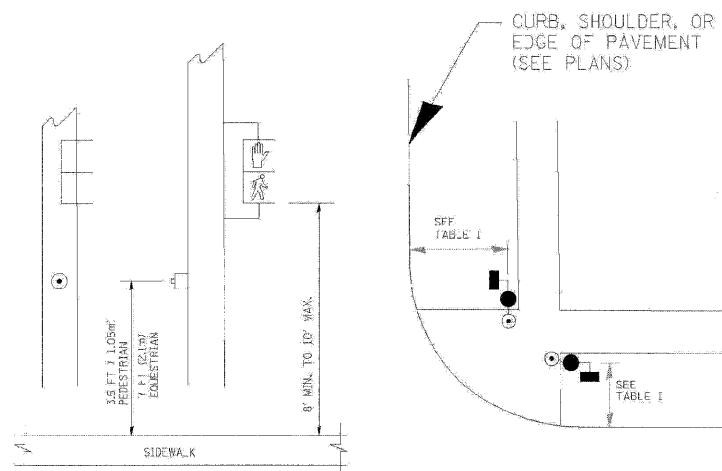


TABLE I

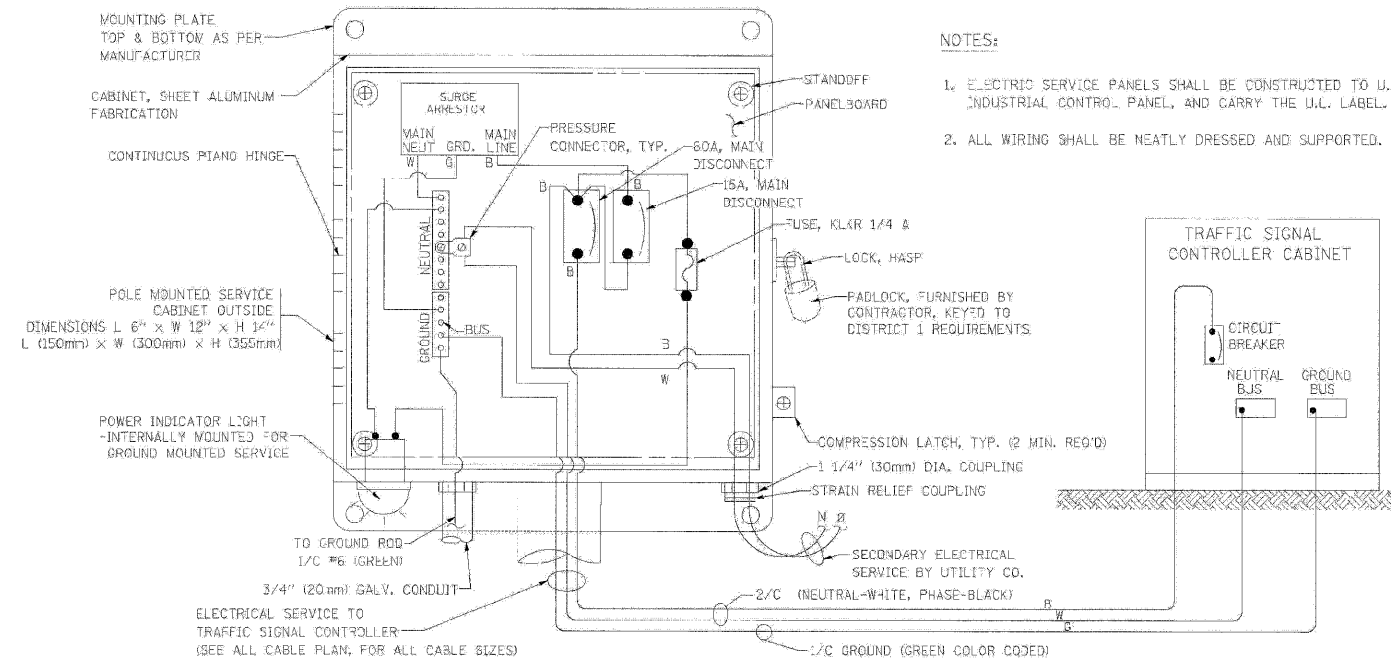
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

REVISIONS	
NAME	DATE

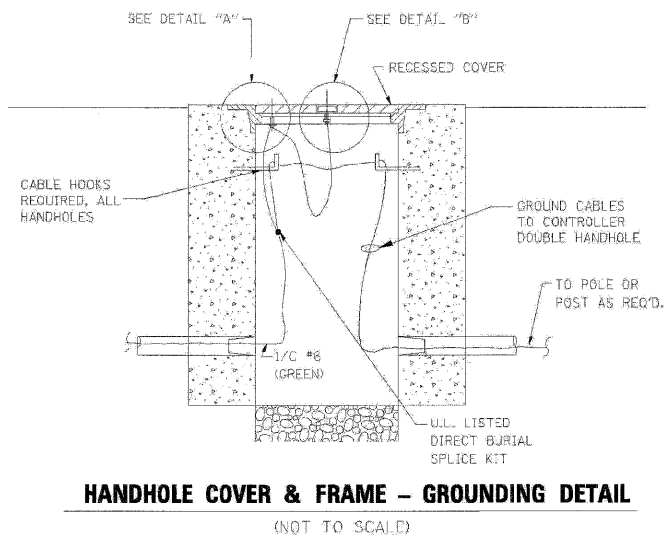
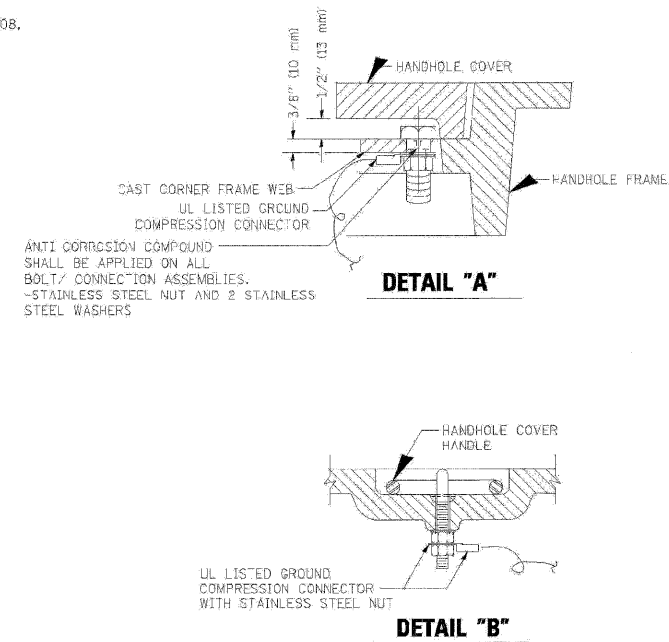
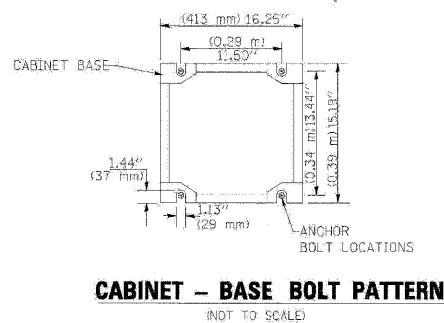
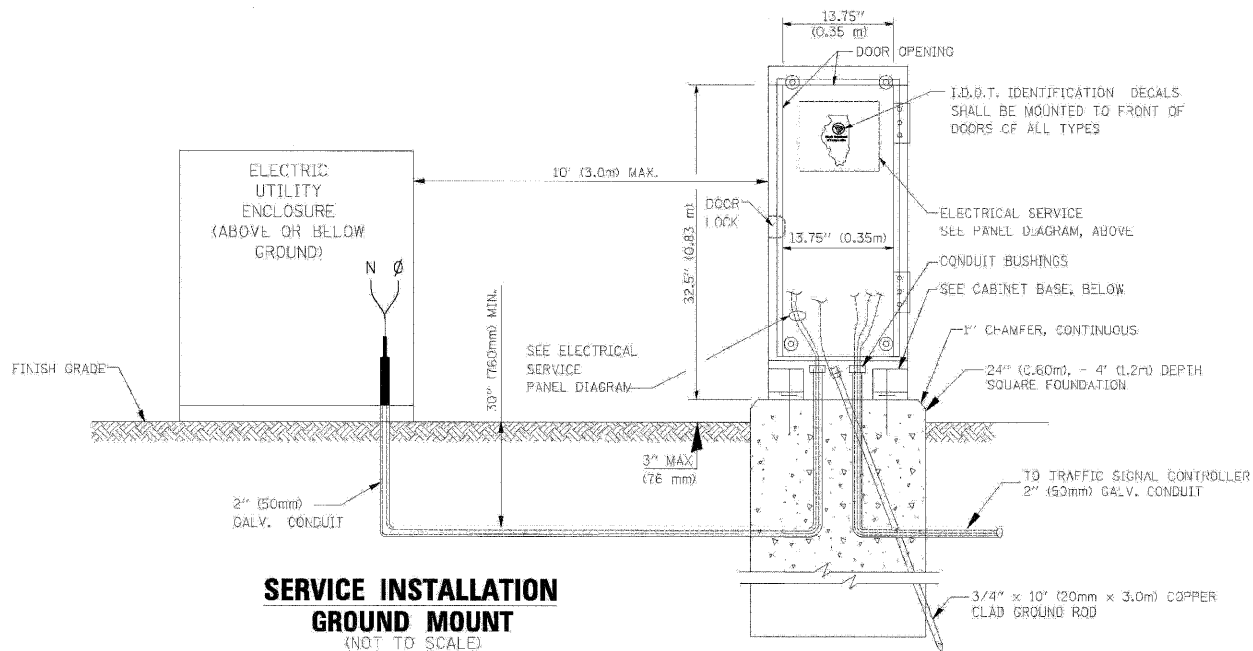
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 1
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS

SCALE: VERT. NONE
DATE 1-01-02
DRAWN BY: RWP
DESIGNED BY: DAD
CHECKED BY: DAZ
SHEET 2 OF 4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	271
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



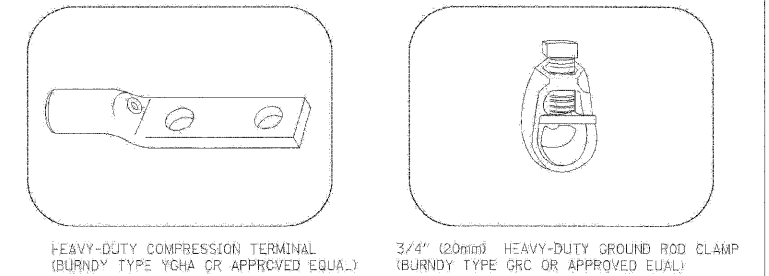
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



NOTES:

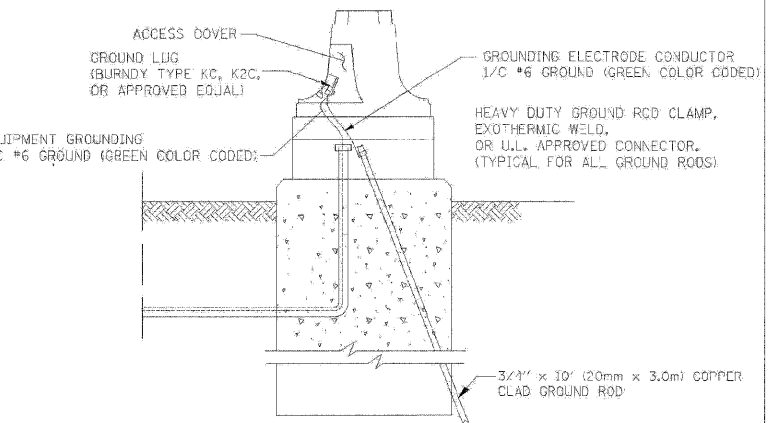
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS, THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESPONSIBLE ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 8.5' (2.6m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.5m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: VERT. NONE
 HORIZ. DATE 1-01-02

DRAWN BY: RWP
 DESIGNED BY: DAD
 CHECKED BY: DAZ
 SHEET 3 OF 4

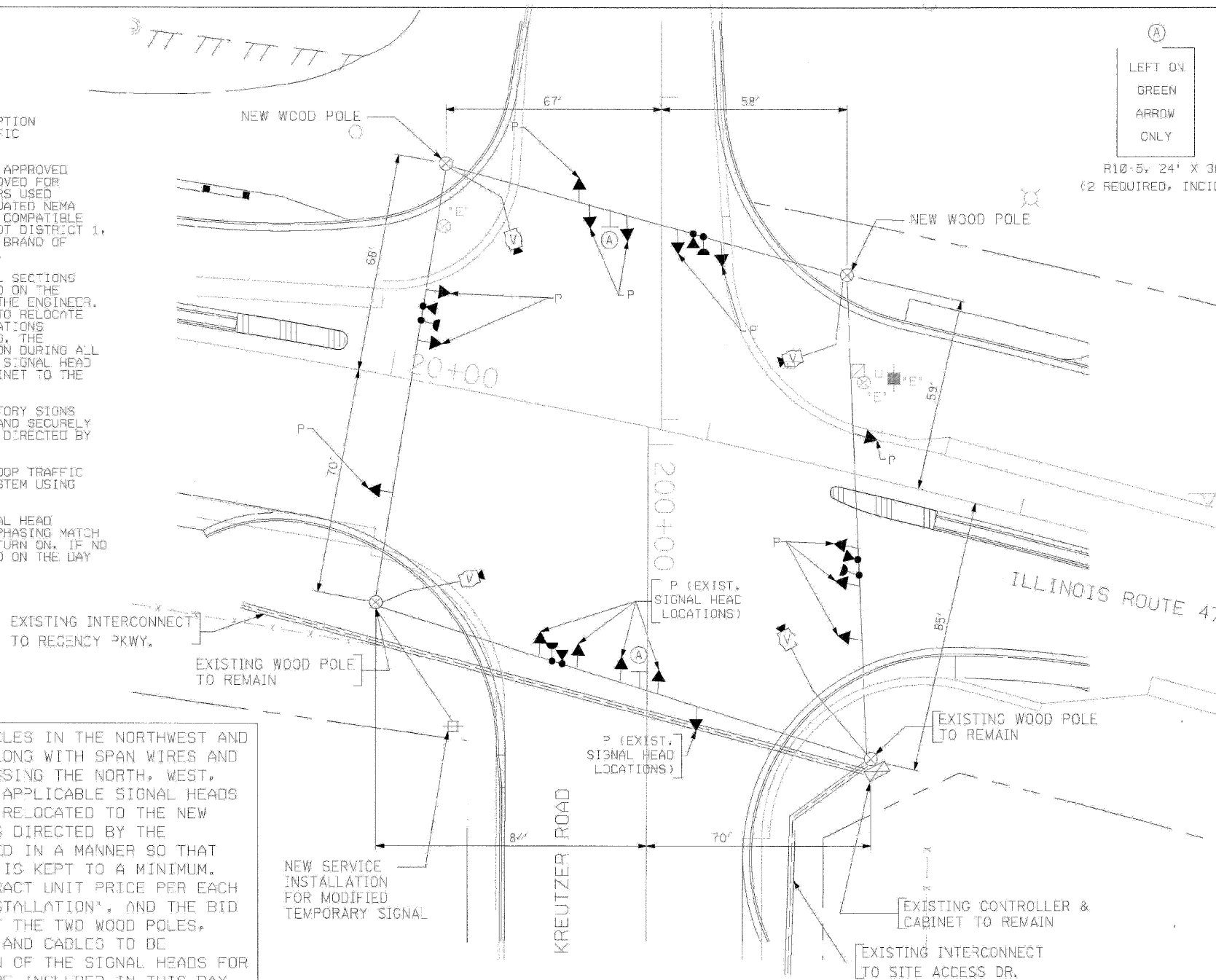
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	273
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.



R10-5, 24' X 30'
(2 REQUIRED, INCIDENTAL)

TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7M) MINIMUM
- ☒ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊥ TEMPORARY SERVICE INSTALLATION
- ⊥ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊙ EMERGENCY VEHICLE LIGHT DETECTOR CONFIRMATION BEACON
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- ⊞ VIDEO CAMERA ASSEMBLY

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ◀ EXISTING SIGNAL TO BE REMOVED
- ⊞ EXISTING SERVICE INSTALLATION TO BE REMOVED
- ⊙ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊙ EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ☒ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING HANDHOLE TO BE REMOVED
- ⊞ EXISTING DOUBLE HANDHOLE TO BE REMOVED
- ⊥ PEDESTRIAN SIGNAL TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- ⊙ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊙ CONFIRMATION BEACON TO BE REMOVED
- ⊞ EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- ⊙ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊙ EXISTING TEMPORARY WOOD POLE (CLASS 5 OR BETTER) TO BE REMOVED

THE CONTRACTOR SHALL INSTALL NEW WOOD POLES IN THE NORTHWEST AND SOUTHWEST CORNERS OF THE INTERSECTION ALONG WITH SPAN WIRES AND TETHER WIRES BETWEEN THE WOOD POLES CROSSING THE NORTH, WEST, AND SOUTH LEGS OF THE INTERSECTION. THE APPLICABLE SIGNAL HEADS AND VIDEO DETECTION EQUIPMENTS SHALL BE RELOCATED TO THE NEW SPANS AND CONNECTED TO THE NEW CABLES AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE ACCOMPLISHED IN A MANNER SO THAT THE INTERRUPTION OF THE SIGNAL SERVICES IS KEPT TO A MINIMUM. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION", AND THE BID PRICE SHALL INCLUDE THE SALVAGE VALUE OF THE TWO WOOD POLES, APPLICABLE SPAN WIRES AND TETHER WIRES, AND CABLES TO BE REMOVED. THE MODIFICATION AND RELOCATION OF THE SIGNAL HEADS FOR VARIOUS CONSTRUCTION STAGES SHALL ALSO BE INCLUDED IN THIS PAY ITEM AND NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE SAME.

TEMPORARY TRAFFIC SIGNAL PLAN
STAGES: PRE-STAGE.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

AFTER THE ILLINOIS ROUTE 47 CONSTRUCTION IS OVER, THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR. SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

VILLAGE OF HUNTLEY

QUANTITY	DESCRIPTION
4	EACH LIGHT DETECTOR
1	EACH LIGHT DETECTOR AMPLIFIER

CONSTRUCTION NOTES:

- NOTE 1: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 2: THE ORIGINAL SIGNAL HEAD PLACEMENT FOR ALL APPROACHES OF THE INTERSECTION IS FOR EXISTING PAVEMENT GEOMETRICS (P). ADDITIONAL CONSTRUCTION STAGES, WHERE ORIGINAL SIGNAL HEAD PLACEMENT IS UTILIZED, ARE SHOWN WITH S1 THROUGH S2B FOR CONSTRUCTION STAGE S1 THROUGH CONSTRUCTION STAGE S2B.
- NOTE 3: THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED, NEXT TO THE SIGNAL HEAD, FOR APPLICABLE CONSTRUCTION STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 47 AT KREUTZER ROAD PRE STAGE (SHEET 1 OF 7)

SCALE: 1"=20'

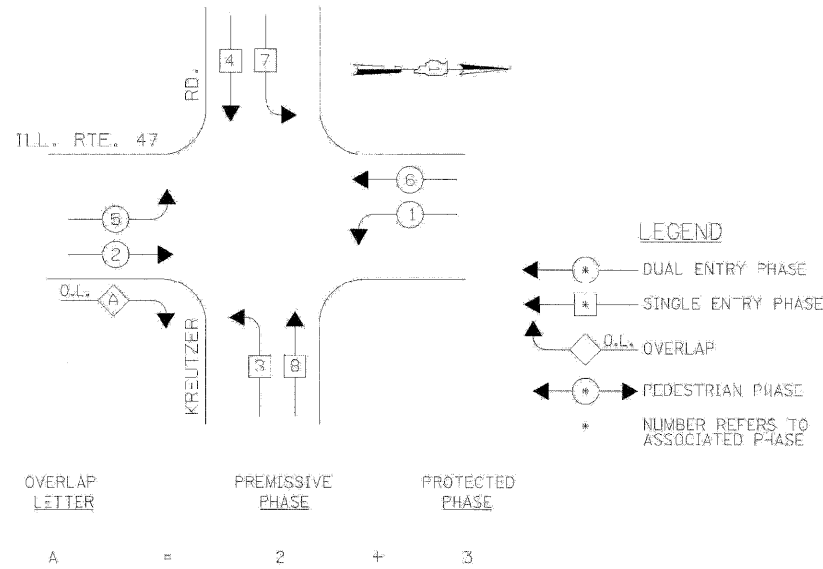
DATE: APRIL 17, 2009

DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6030 N. NORTHWEST HIGHWAY
SUITE 308
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5300

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	274
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

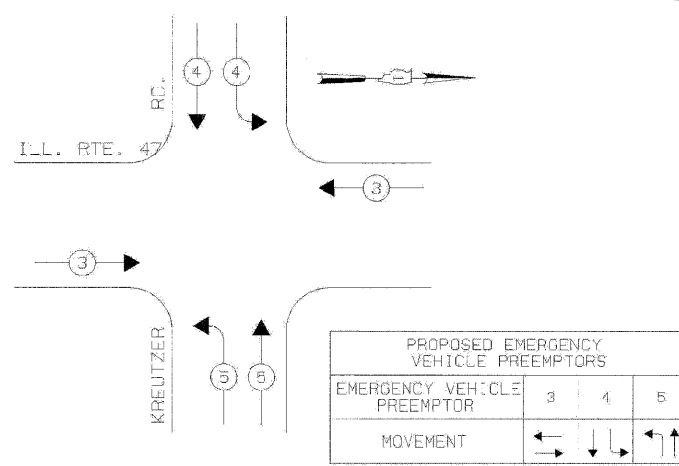
CONTROLLER SEQUENCE



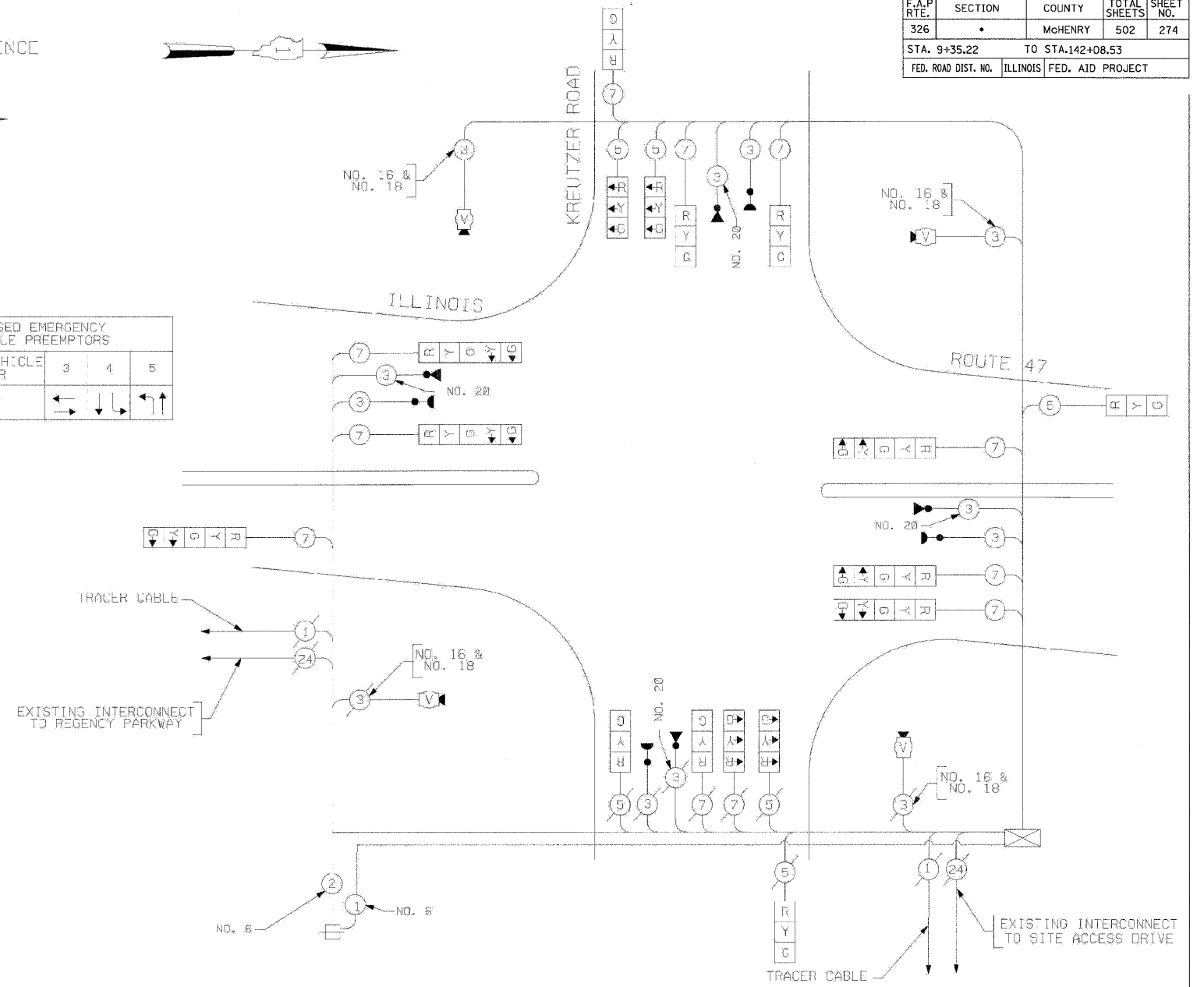
TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE.

EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: PRE-STAGE.



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE.

(MODIFIED FROM EXISTING TEMP. SIGNAL INSTALLATION)

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE 1: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12' (300MM)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12' (300MM) PEDESTRIAN SIGNAL SECTION
- MICROWAVE VEHICLE SENSOR
- VIDEO CAMERA ASSEMBLY
- CO-AXIAL VIDEO CABLE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATIVITY	
SIGNAL (RED)	17	135	11	0.50	144.5
(YELLOW)	17	135	25	0.25	106.25
(GREEN)	17	135	15	0.25	68.75
ARROW	12	135	12	0.10	14.4
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN				0.05	
F. ASHER				0.50	
ENERGY COSTS TO:				TOTAL #	428.9
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHLAUBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: KATIE OLIVA PHONE: (847) 608-2358 COMPANY: COMED					

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, ILLINOIS ROUTE 47 AT KREUTZER ROAD PRE-STAGE (SHEET 2 OF 7)

SCALE: N.T.S.
DATE: APRIL 17, 2009

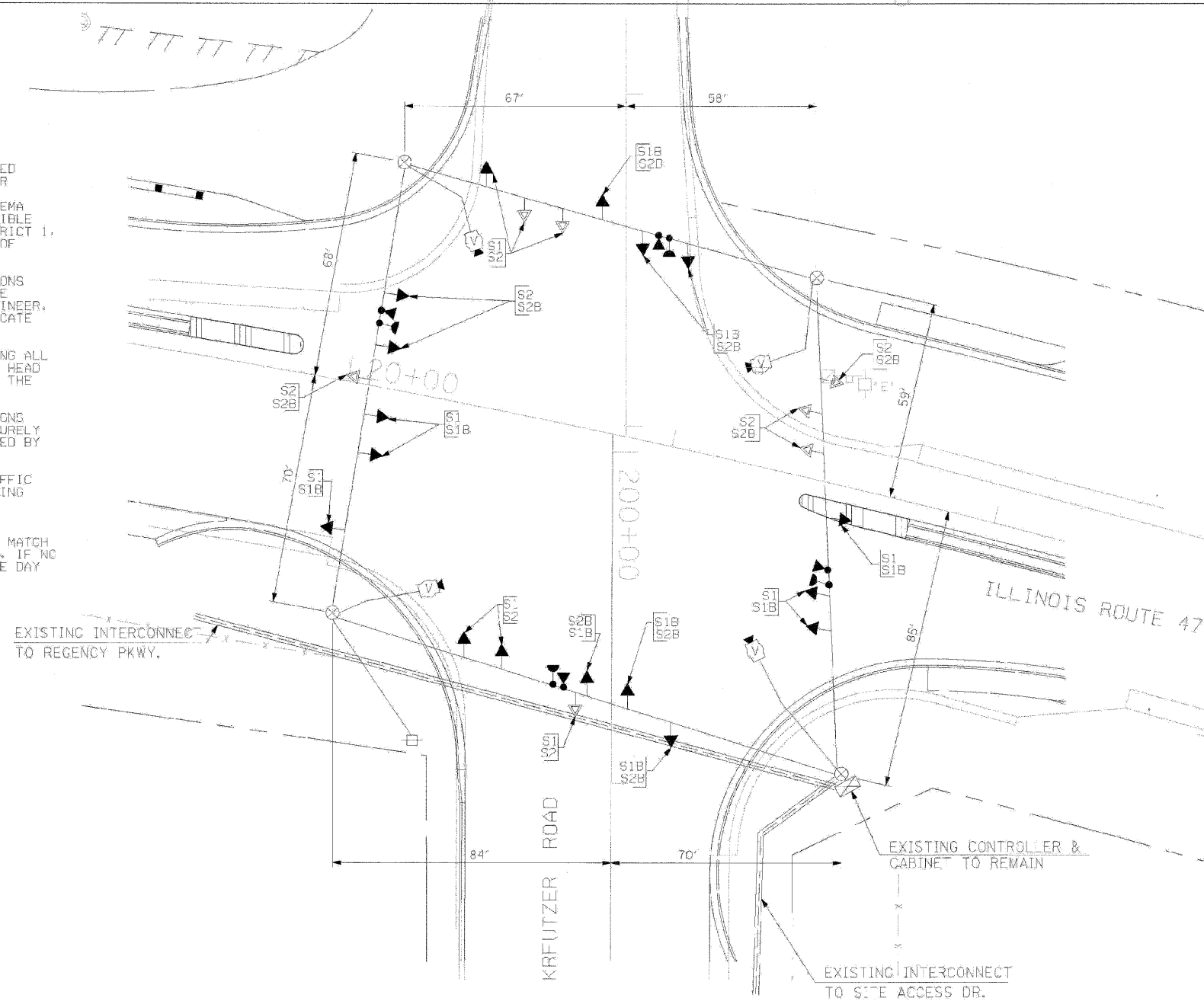
DRAWN BY: ME/MA/YB
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 W. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL: (773) 874-5990

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	275
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.



TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FDOT (13.7M) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- ⊕ TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊟ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊚ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊛ CONFIRMATION BEACON
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- HANDHOLE
- HEAVY DUTY HANDHOLE
- ⓧ VIDEO CAMERA ASSEMBLY

TEMPORARY TRAFFIC SIGNAL PLAN

STAGES: STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B

CONSTRUCTION NOTES:

- NOTE 1: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 2: THE ORIGINAL SIGNAL HEAD PLACEMENT FOR ALL APPROACHES OF THE INTERSECTION IS FOR EXISTING PAVEMENT GEOMETRICS (P). ADDITIONAL CONSTRUCTION STAGES, WHERE ORIGINAL SIGNAL HEAD PLACEMENT IS UTILIZED, ARE SHOWN WITH S1 THROUGH S2B FOR CONSTRUCTION STAGE S1 THROUGH CONSTRUCTION STAGE 2B.
- NOTE 3: THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED, NEXT TO THE SIGNAL HEAD, FOR APPLICABLE CONSTRUCTION STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION

MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION ILLINOIS ROUTE 47 AT KREUTZER ROAD STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B (SHEET 3 OF 7)

REVISIONS	
NAME	DATE

SCALE: 1"=20'
DATE: APRIL 17, 2009

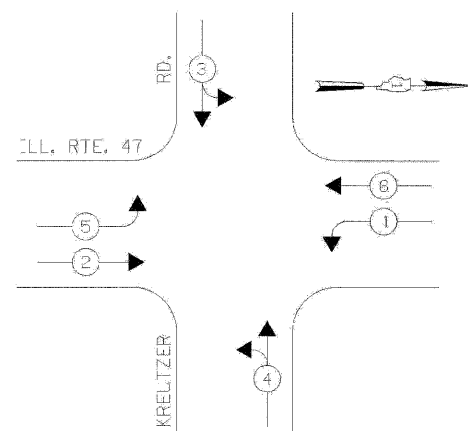
DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6055 N. NORTHWEST HIGHWAY
SUITE 305
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5902

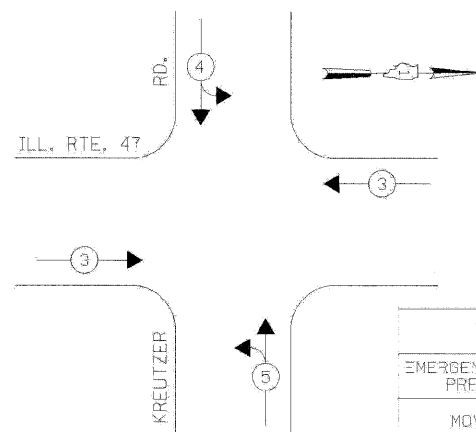
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FILE NAME: S:\11-C000\09-114\1275_688.dgn
PLOT SCALE: 1:1
USER NAME: 3630

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHEMRY	502	276
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTROLLER SEQUENCE



EMERGENCY VEHICLE PREFMPTION SEQUENCE



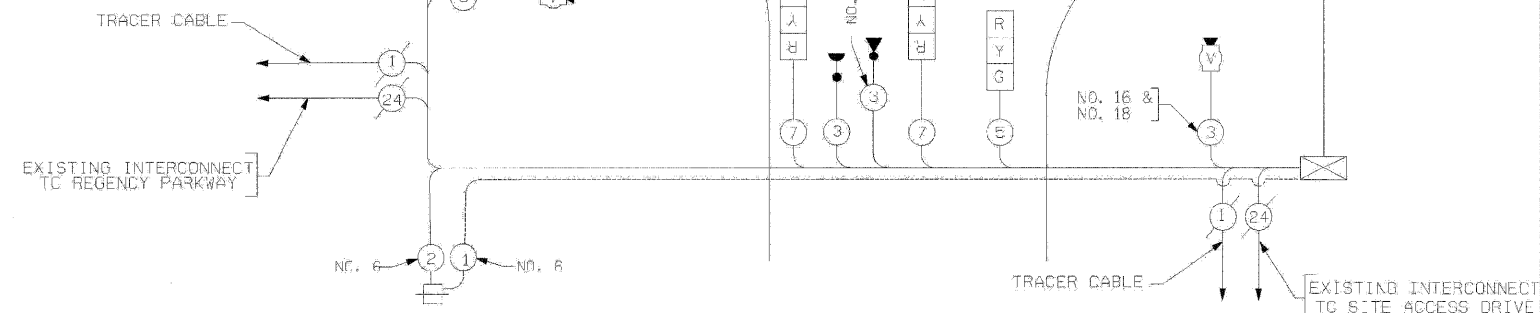
EMERGENCY VEHICLE PREFMPTION	3	4	5
MOVEMENT	←	↓	↑

STAGES: STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B.

TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B

NOTE 1: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE

TEMPORARY CABLE DIAGRAM LEGEND

- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300MM)
- [X] TEMPORARY CONTROL CABINET
- [S] TEMPORARY SERVICE INSTALLATION
- (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- [V] EMERGENCY VEHICLE LIGHT DETECTOR
- [C] CONFIRMATION BEACON
- [D] VEHICLE DETECTOR, INDUCTION LOOP
- [P] PEDESTRIAN PUSHBUTTON DETECTOR
- [E] 12" (300MM) PEDESTRIAN SIGNAL SECTION
- [M] MICROWAVE VEHICLE SENSOR
- [V] VIDEO CAMERA ASSEMBLY
- [C] CO-AXIAL VIDEO CABLE

I.D.D.T.					TOTAL WATTAGE
TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	135	17	0.50	182
(YELLOW)	12	135	25	0.25	75
(GREEN)	16	135	15	0.25	60
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	1	90	25	1.00	120
CONTROLLER ILLUM. SIGN	1	100	100	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	346.6
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: KATIE OLIVA PHONE: (847) 608-2338 COMPANY: COMED					

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CABLE PLAN,
ILLINOIS ROUTE 47 AT KREUTZER ROAD
STAGE 1, STAGE 1B, STAGE 2,
AND STAGE 2B
(SHEET 4 OF 7)

SCALE: N.T.S.
DATE: APRIL 17, 2009

DRAWN BY: ME,MA,Y3
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

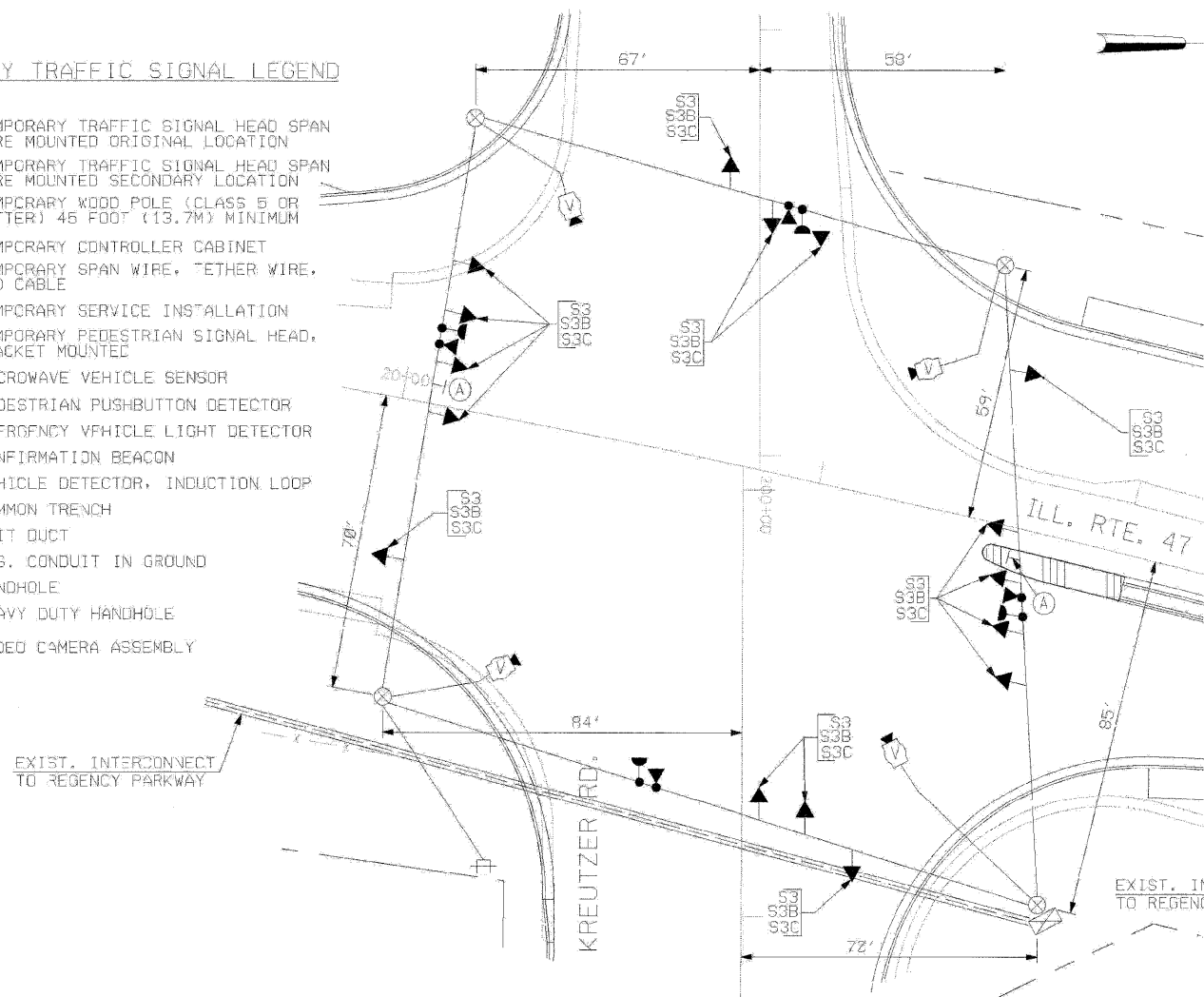
GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
8038 N. NORTHEAST HIGHWAY
SUITE 303
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5990

PLOT DATE = Wednesday, August 05, 2009
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PLOT SCALE = 1:1
USER NAME = 3838

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	•	McHENRY	502	277
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ↖ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7M) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- ⊔ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊙ MICROWAVE VEHICLE SENSOR
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊙ FM/FREQUENCY VEHICLE LIGHT DETECTOR
- ⊙ CONFIRMATION BEACON
- ⊙ VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- ⊔ HANDHOLE
- ⊔ HEAVY DUTY HANDHOLE
- ⊔ VIDEO CAMERA ASSEMBLY

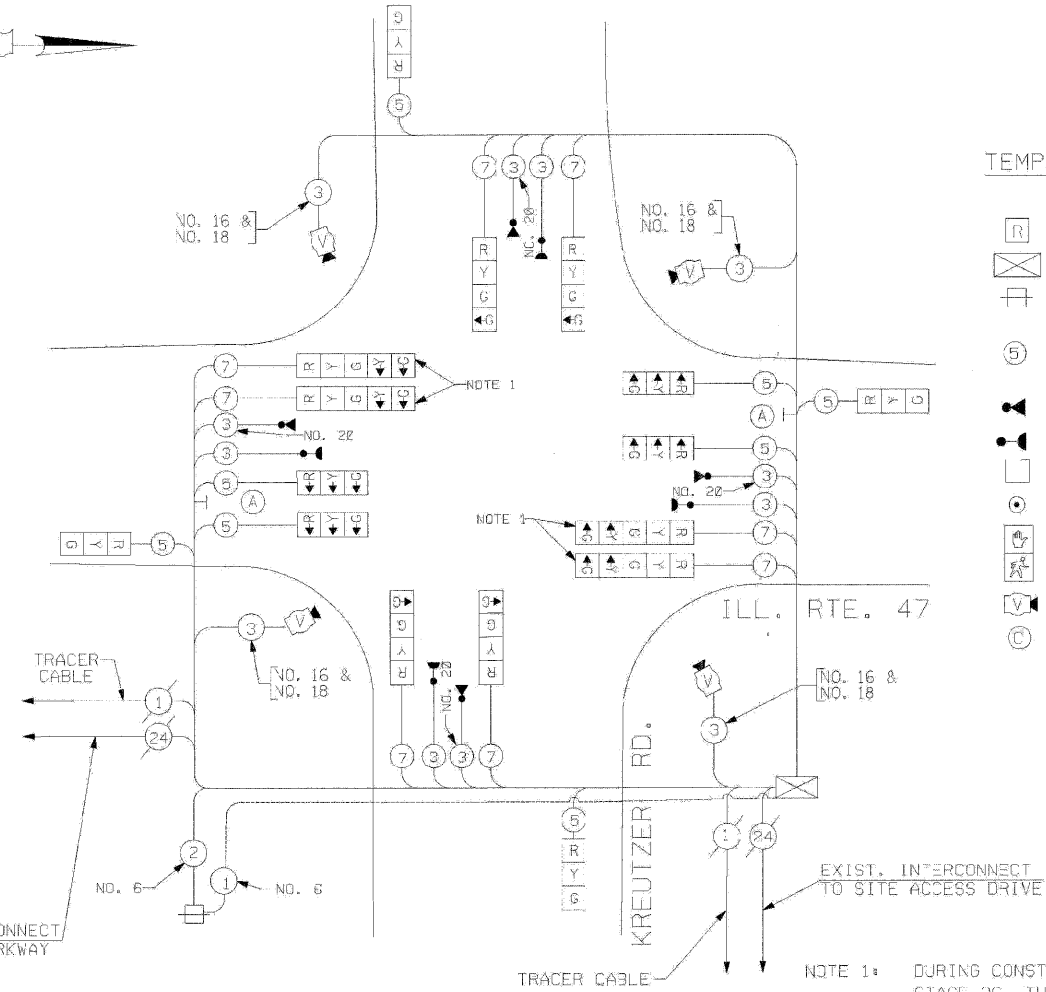


TEMPORARY TRAFFIC SIGNAL PLAN
(SCALE: 1"=20')
STAGES: STAGE 3, STAGE 3B, AND STAGE 3C

(A)
LEFT ON
GREEN
ARROW
ONLY
R10-6, 24" X 30"
(2 REQUIRED, INCIDENTAL)

TEMPORARY CABLE DIAGRAM LEGEND

- ⊠ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300MM)
- ⊠ TEMPORARY CONTROLLER CABINET
- ⊠ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ⊙ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊙ CONFIRMATION BEACON
- ⊙ VEHICLE DETECTOR, INDUCTION LOOP
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊙ 12" (300MM) PEDESTRIAN SIGNAL SECTION
- ⊔ VIDEO CAMERA ASSEMBLY
- ⊙ CO-AXIAL VIDEO CABLE



TEMPORARY CABLE PLAN
(NOT TO SCALE)
STAGES: STAGE 3, STAGE 3B, AND STAGE 3C

- NOTE 1: DURING CONSTRUCTION STAGES STAGE 3, STAGE 3B, AND STAGE 3C, THE GREEN AND YELLOW LEFT ARROW INDICATION SECTIONS FOR THE NORTHBOUND AND SOUTHBOUND DIRECTION OF TRAFFIC SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER. THEY SHALL BE UNBAGGED AND CONNECTED AFTER CONSTRUCTION STAGE 3C AS DIRECTED BY THE ENGINEER.
- NOTE 2: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 3: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE.

I.D.D.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16	135	17	0.50	136
(YELLOW)	16	135	25	0.25	100
(GREEN)	20	135	15	0.25	75
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. STGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	411

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT: KATIE OLIVA
PHONE: (847) 608-2338
COMPANY: COMED

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN, TEMPORARY CABLE PLAN
ILLINOIS ROUTE 47 AT KREUTZER ROAD
STAGE 3, STAGE 3B, AND STAGE 3C
(SHEET 5 OF 7)

SCALE: 1"=20'
DATE: APRIL 17, 2009

DRAWN BY: ME/MA,YB
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6055 N. NORTHWEST HIGHWAY
SUITE 308
CHICAGO, ILLINOIS 60631 TEL: (773) 774-8910

REVISIONS	
NAME	DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	278
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TEMPORARY SEQUENCE OF OPERATION (FOR STAGES 3, 3B, AND 3C) (LEAD-LAG)

MOVEMENT		← 5 → 2					← 6 → 2					← 6 → 1					↓ 3 ↑ 4			← 4 ↑ 4		F L A S H			
PHASE		2+5					2+6					1+6					3			4					
INTERVAL		1	2A	2B	3A	3B	4	5A	5B	6A	6B	7A	7B	8	9A	9B	10A	10B	11	12A	12B	13	14A	14B	
CHANGE TO		3, 4 1+6			2+6		1+6			2+5		3 4		3, 4 2+5			2+6		4 1+6 2+5 2+6			3 1+6 2+5 2+6			
ILLINOIS ROUTE 47, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	G	Y	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	←G	←Y	←R	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	
ILLINOIS ROUTE 47, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	G	G	Y	R	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 47, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R		
KREUTZER ROAD, NEAR RIGHT SPAN WIRE SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	
KREUTZER ROAD, TWO FAR SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	
KREUTZER ROAD, NEAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	
KREUTZER ROAD, TWO FAR SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TEMPORARY EMERGENCY VEHICLE SEQUENCE OF OPERATION (FOR STAGES 3, 3B, AND 3C)

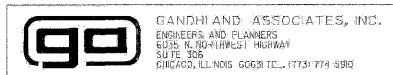
	1	1	4	4	4	8	8	11	11	13	13	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	PREEMPTOR NUMBER 6	CLEAR TO NORMAL SEQUENCE								
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	2	3	4	5	
EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	2	3	4	5	
CHANGE TO EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		2	1C	3, 4 5	1E	2	1G	3, 4 5	1J	4	1L	2, 3 5	4	1P	2, 4 5	3	1S	2, 3 4	5					
ILLINOIS ROUTE 47, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	G	Y	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	◇
ILLINOIS ROUTE 47, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	◇	
ILLINOIS ROUTE 47, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	Y	R	Y	R	G	G	Y	R	C	R	R	R	R	R	R	R	R	R	◇	
ILLINOIS ROUTE 47, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	◇		
KREUTZER ROAD, NEAR RIGHT SPAN WIRE SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	R	R	R	R	R	◇		
KREUTZER ROAD, TWO FAR SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	R	R	R	R	R	◇		
KREUTZER ROAD, NEAR RIGHT SPAN WIRE SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	R	R	R	◇		
KREUTZER ROAD, TWO FAR SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	R	R	R	R	◇		

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2, 3, 4, OR 5 IS TERMINATED.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY SEQUENCE OF OPERATION
 AND TEMPORARY EMERGENCY VEHICLE
 SEQUENCE OF OPERATION
 (STAGES 3, 3B, AND 3C)
 ILLINOIS ROUTE 47
 AT KREUTZER ROAD
 (SHEET 6 OF 7)

REVISIONS	
NAME	DATE

SCALE: NONE
 DATE: APRIL 17, 2009
 DRAWN BY: MAA
 DESIGNED BY: PKG/RPM
 CHECKED BY: PKG/RPM

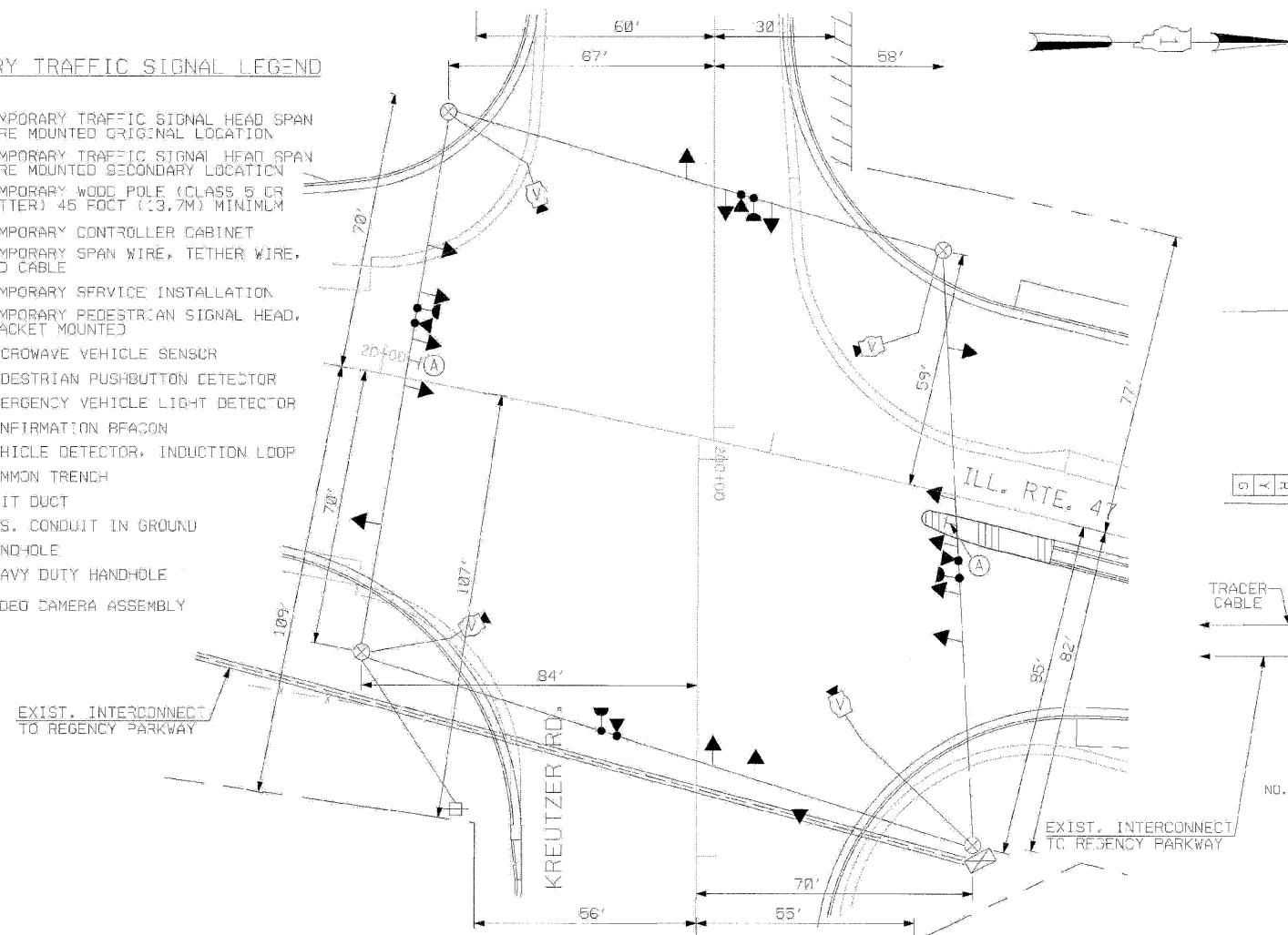


PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\11-0000\11-014278_01.dgn
 PLOT SCALE = 1:1
 USER NAME = 3089

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	279
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TEMPORARY TRAFFIC SIGNAL LEGEND

- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ↖ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45' FOOT (13.7M) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- ⊞ TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ MICROWAVE VEHICLE SENSOR
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- ⊞ VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- HANDLE
- HEAVY DUTY HANDLE
- VIDEO CAMERA ASSEMBLY



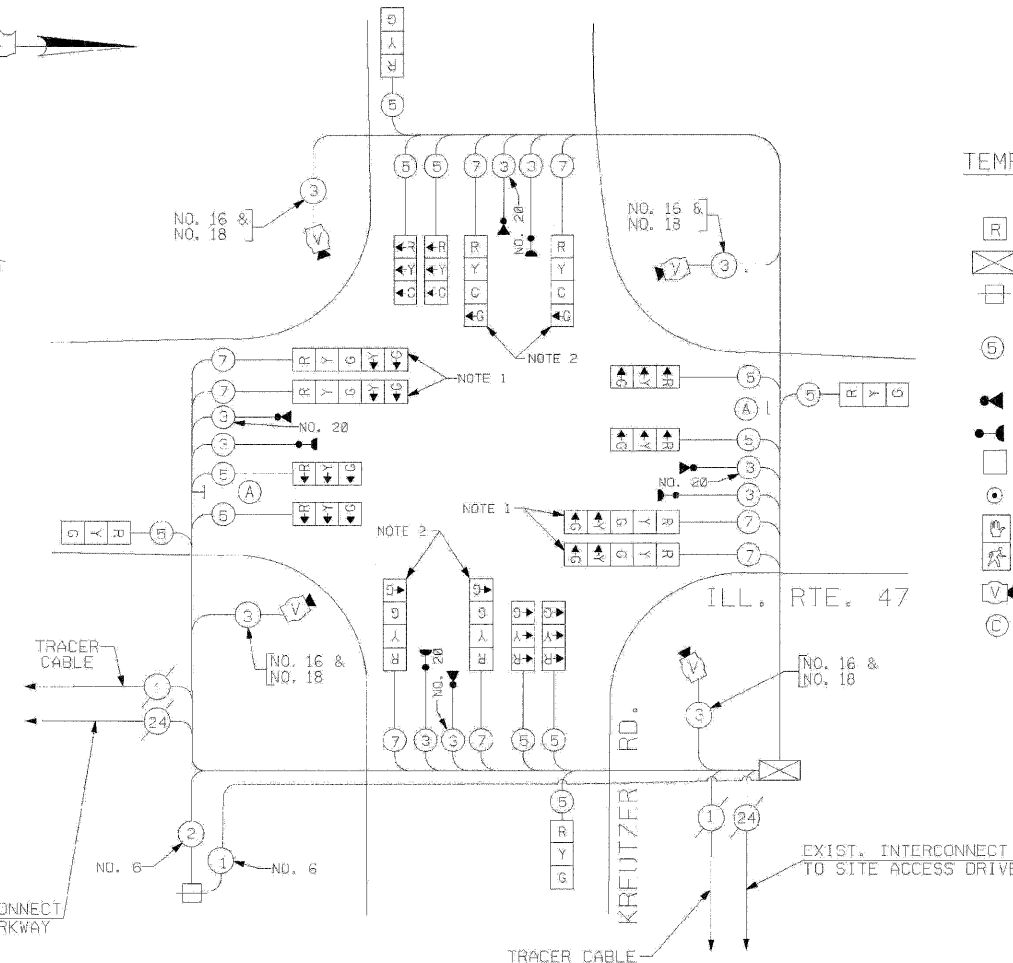
TEMPORARY TRAFFIC SIGNAL PLAN

(SCALE: 1"=20')

STAGES: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

TEMPORARY CABLE DIAGRAM LEGEND

- ⊞ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300MM)
- ⊞ TEMPORARY CONTROLLER CABINET
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊞ INDICATES NUMBER OF CONDUCTORS IN CABLE, ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- ⊞ VEHICLE DETECTOR, INDUCTION LOOP
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ 12" (300MM) PEDESTRIAN SIGNAL SECTION
- ⊞ VIDEO CAMERA ASSEMBLY
- ⊞ CO-AXIAL VIDEO CABLE



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

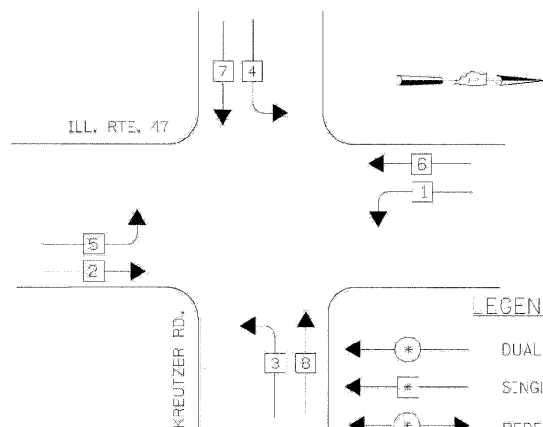
NOTE 1: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC, THE GREEN AND YELLOW LEFT ARROW INDICATION SECTIONS FOR THE NORTHBOUND AND SOUTHBOUND DIRECTION OF TRAFFIC SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER.

NOTE 2: THE GREEN LEFT ARROW SECTION IN THE FOUR (4) SECTION SIGNAL HEAD SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC.

NOTE 3: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM 'MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION'.

NOTE 4: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE.

CONTROLLER SEQUENCE

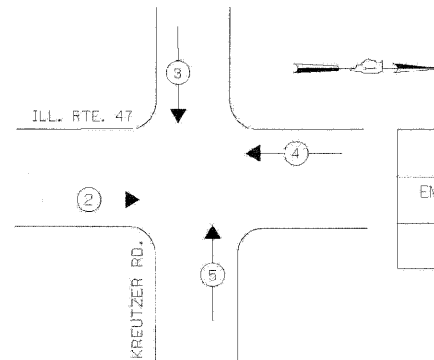


TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC



EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	2	3	4	5
MOVEMENT	→	↓	←	↑

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20	135	17	0.50	170
(YELLOW)	20	135	25	0.25	125
(GREEN)	24	135	15	0.25	90
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN				0.05	
FLASHER					
ENERGY COSTS TO:				TOTAL =	488
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: KATIE OLIVA PHONE: 647/ 608-2336 COMPANY: C3MED					

PROJECT: 06C-1147KREUTZER RD., Temp. 1+13-003.dgn
4/24/2009
6:03:16 PM

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN, TEMPORARY CABLE PLAN
ILLINOIS ROUTE 47 AT KREUTZER ROAD
AFTER ALL THE ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC (SHEET 7 OF 7)

REVISIONS	
NAME	DATE

SCALE: 1"=20'
DATE: APRIL 17, 2009

DRAWN BY: ME/MA/YB
DESIGNED BY: PKG/RHM
CHECKED BY: PKG/RHM

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
800 N. WEST STREET
SUITE 308
CHICAGO, ILLINOIS 60610 TEL: (773) 774-5990

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\PROJECTS\06C-1147\KREUTZER RD.\Temp. 1+13-003.dgn
PLOT SCALE = 1:1
USER NAME = 3830

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	280
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

- | | | | |
|--|--|----------|--|
| CONTROLLER | | EXISTING | |
| SERVICE INSTALLATION | | | |
| SIGNAL HEAD | | | |
| SIGNAL HEAD WITH BACKPLATE | | | |
| SIGNAL HEAD, PEDESTRIAN | | | |
| SIGNAL POST | | | |
| MAST ARM ASSEMBLY AND POLE, STEEL | | | |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | | | |
| COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE | | | |
| UNIT DUCT | | | |
| COMMON TRENCH | | | |

NOTE 1:
 THE CONTRACTOR SHALL CONSTRUCT THE HANDHOLE IN SUCH A MANNER THAT IT WILL INTERCEPT THE EXISTING INTERCONNECT CONDUIT. PRIOR TO CUTTING THE EXISTING CONDUIT IN THE HANDHOLE, THE INTERCONNECT AND TRACER CABLES SHALL BE DISCONNECTED AT THE CONTROLLER AT THE INTERSECTION OF ILLINOIS ROUTE 47 AND KREUTZER ROAD AND PULLED BACK TO THE EAST OF THE HANDHOLE. THE CABLES SHALL THEN BE CONNECTED BACK INTO THE CONTROLLER. THE TIME DURATION OF THE INTERRUPTION IN THE SERVICE SHALL BE KEPT TO A MINIMUM.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH, AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

LEFT ON
 GREEN
 ARROW
 ONLY
 R10-5,
 24" X 30"
 (8 REQUIRED)

MATCH LINE A

MATCH LINE A

- | | | | |
|--|--|----------|--|
| HAND-POLE | | EXISTING | |
| HEAVY DUTY HAND-POLE | | | |
| DOUBLE HAND-POLE | | | |
| GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED | | | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | | |
| DETECTOR LOOP | | | |
| CAST IRON JUNCTION BOX | | | |
| EMERGENCY VEHICLE SYSTEM DETECTOR | | | |
| CONFIRMATION BEACON | | | |
| SIGNAL HEAD, OPTICALLY PROGRAMMED | | | |
| CONDUIT SPLICE | | | |
| WOOD POLE | | | |
| RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II | | | |
| VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE | | | |
| RAILROAD CONTROL CABINET | | | |
| TELEPHONE CONNECTION | | | |
| ILLUMINATED SIGN, FIBER OPTIC 'NO LEFT TURN' | | | |
| ILLUMINATED SIGN, FIBER OPTIC 'NO RIGHT TURN' | | | |
| MICROWAVE VEHICLE SENSOR | | | |
| UPS-BATTERY BACK-UP | | | |

ALL THE DETECTOR LOOPS ARE PREFORMED DETECTOR LOOPS.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SIGNAL INSTALLATION
 ILLINOIS ROUTE 47 AT KREUTZER ROAD
 SCALE: 1"=20'
 DATE: APRIL 17, 2009
 DRAWN BY: MAA
 DESIGNER BY: PRG/RRM
 CHECKED BY: PRG/RRM

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL: (773) 774-5990

...1107_21-114786kreutzer Rd.tnt.dgn
 4/24/2009
 5:03:25 PM

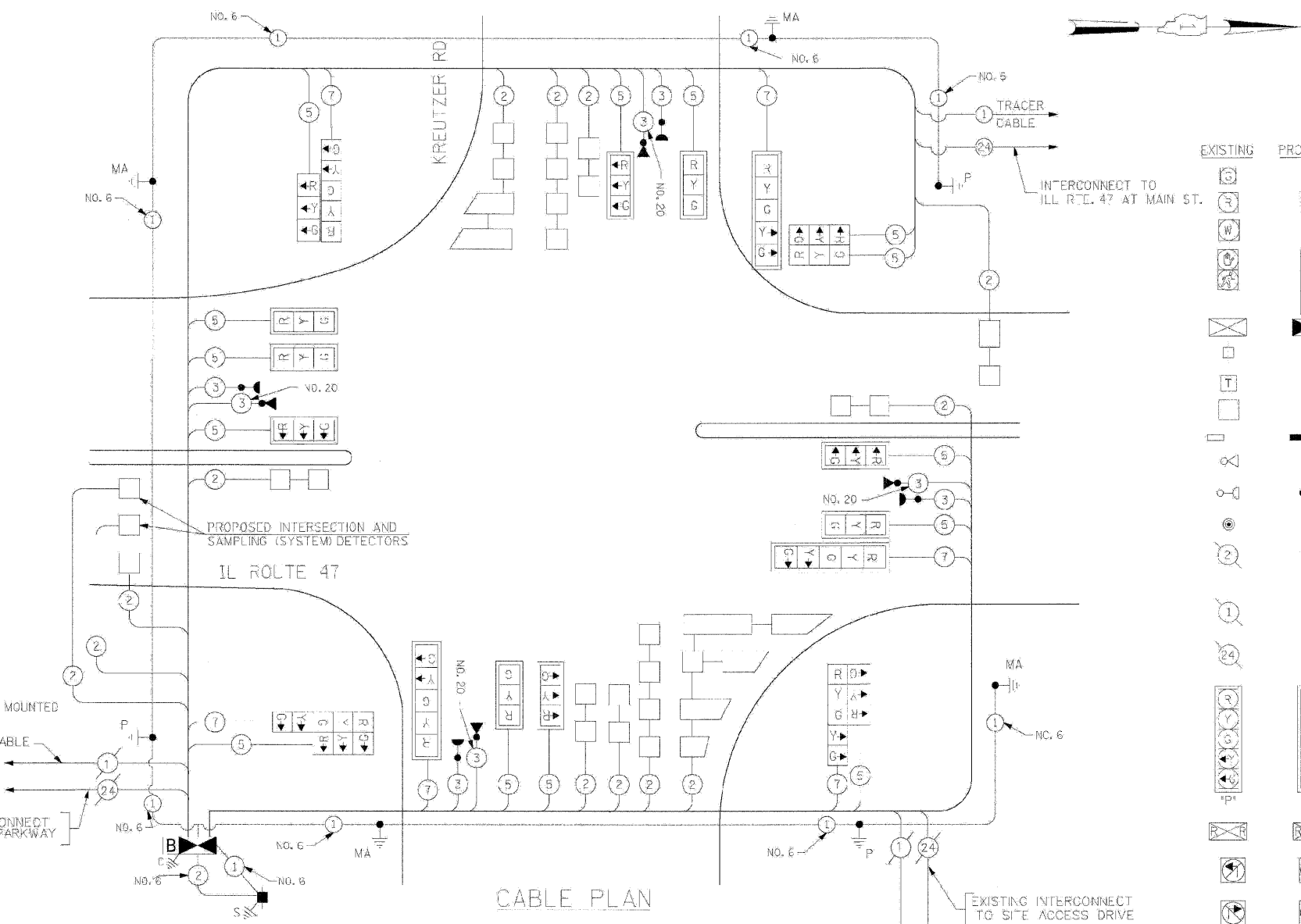
PLOT DATE = Wednesday, August 05, 2009
 FILE NAME = S:\1107_21-114786kreutzer Rd.tnt.dgn
 PLOT SCALE = 1:1
 USER NAME = 3830

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	281
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
73	SQ FT	SIGN PANEL - TYPE 1
524	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
98	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
55	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
116	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
10	FOOT	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL
212	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
327	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
5	EACH	HANDHOLE
5	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
744	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCIEVER - FIBER OPTIC
994	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
3539	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1185	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
3210	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
30	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 8 2C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.
12	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
30	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
50	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
9	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
12	EACH	TRAFFIC SIGNAL BACKPLATE
13	EACH	INDUCTIVE LOOP DETECTOR
4	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
1	EACH	REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION
1547	FOOT	PREFORMED DETECTOR LOOP
3	EACH	PAINT NEW TRAFFIC SIGNAL POST
1	EACH	PAINT NEW MAST ARM POLE, UNDER 40 FEET
3	EACH	PAINT NEW MAST ARM POLE, 40 FEET AND OVER
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
932	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
994	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1	EACH	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION

* 100% COST TO VILLAGE OF HUNTLEY



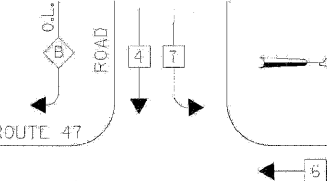
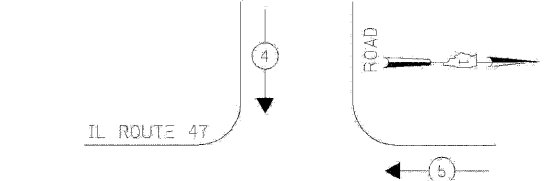
CABLE PLAN LEGEND

- | EXISTING | PROPOSED | DESCRIPTION |
|----------|----------|---|
| | | 8" (200mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER |
| | | CONTROLLER CABINET |
| | | SERVICE INSTALLATION |
| | | TELEPHONE INSTALLATION |
| | | VEHICLE DETECTOR, INDUCTION LOOP |
| | | MAGNETIC DETECTOR |
| | | EMERGENCY VEHICLE LOOP DETECTOR |
| | | CONFIRMATION BEACON |
| | | PUSH-BUTTON DETECTOR |
| | | 2 DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED. |
| | | 1 GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN) |
| | | 24 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM2F & SM2F |
| | | SIGNAL FACE WITH BACKPLATE, *P* INDICATES PROGRAMMED HEAD. |
| | | RAILROAD CONTROL CABINET |
| | | ILLUMINATED SIGN, FIBER OPTIC 'NO LEFT TURN' |
| | | ILLUMINATED SIGN, FIBER OPTIC 'NO RIGHT TURN' |
| | | H/C GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER |
| | | P GROUND ROD AT POST OR MAST ARM POLE |
| | | S GROUND ROD AT ELECTRIC SERVICE INSTALLATION |
| | | LOCAL AND MASTER CONTROLLER |
| | | MICROWAVE VEHICLE SENSOR |
| | | B UPS BATTERY BACK UP |

CABLE PLAN

EMERGENCY VEHICLE PREEMPTION SEQUENCE

CONTROLLER SEQUENCE



LEGEND

- DUAL ENTRY PHASE
 - SINGLE ENTRY PHASE
 - OVERLAP
 - PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5
C	= 8	+ 1

99 GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6325 N. WORTHINGTON HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631-1731 (773) 774-5900

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 47 AT KREUTZER ROAD

REVISIONS

NAME	DATE

SCALE: N.T.S. DRAWN BY: ME,MA,YB
DESIGNED BY: PKG/RRM
DATE: APRIL 17, 2009 CHECKED BY: PKG/RRM

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

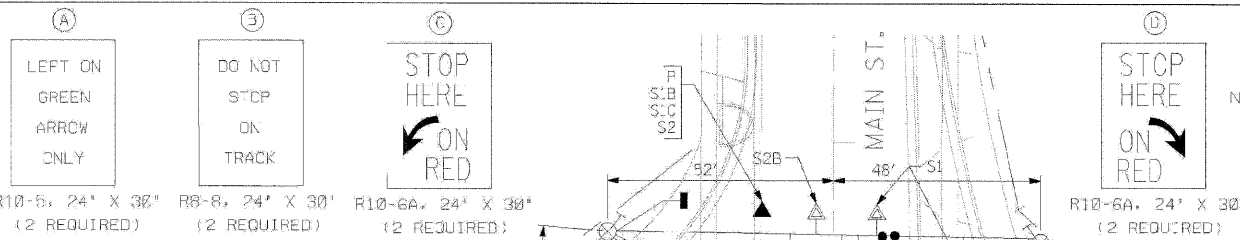
TYPE	NO LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE	
SIGNAL (RED)	20	225	17	0.50	170
(YELLOW)	20	225	25	0.25	125
(GREEN)	20	225	15	0.25	75
ARROW	12	225	12	0.10	14.4
PED. SIGNAL	90	90	25	1.00	90
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN				0.05	
FLASHER				0.50	
TOTAL #				484.4	

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196-1026
ENERGY SUPPLY CONTACT: KATIE OLIVA
PHONE: (847) 608-2338
COMPANY: COMMONWEALTH EDISON

PROPOSED EMERGENCY VEHICLE PREEMPTORS

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A-POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C-CONTROLLER W/UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-L-25'
D-CONTROLLER	4 (1.2)	SIGNAL POST	2 (0.6)		(6mH-0.6mE)
E-MAST ARM POLE		CONTROLLER CAB.	4 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSH-BUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
42" (1050mm)	25 (7.6)	GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	MCHENRY	502	282
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

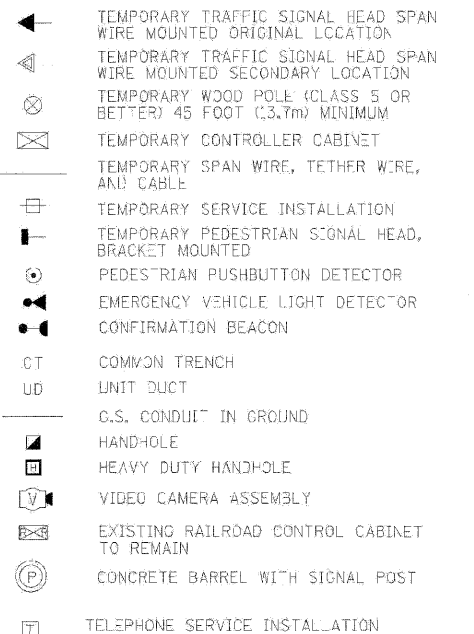


CONSTRUCTION NOTES

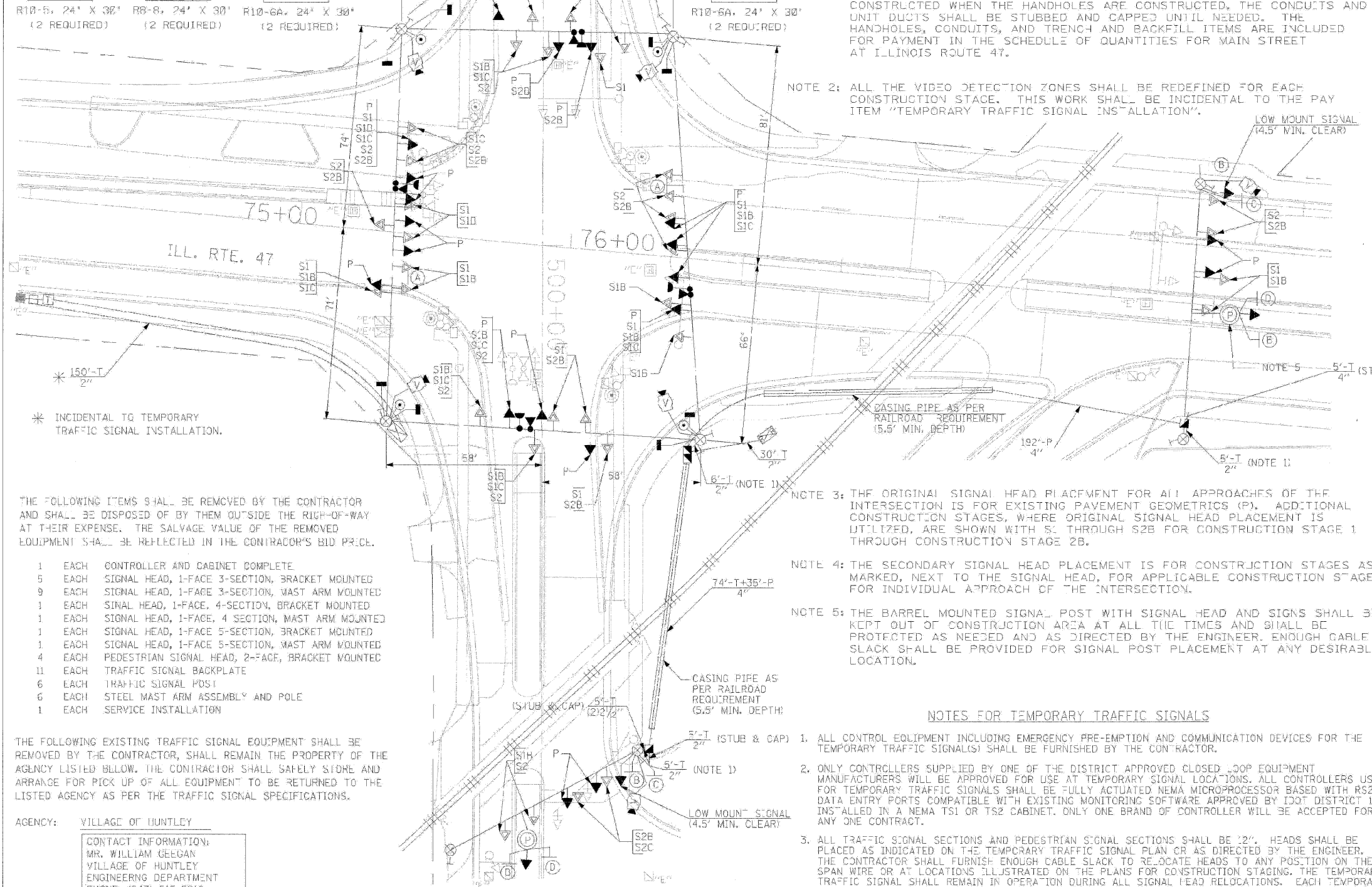
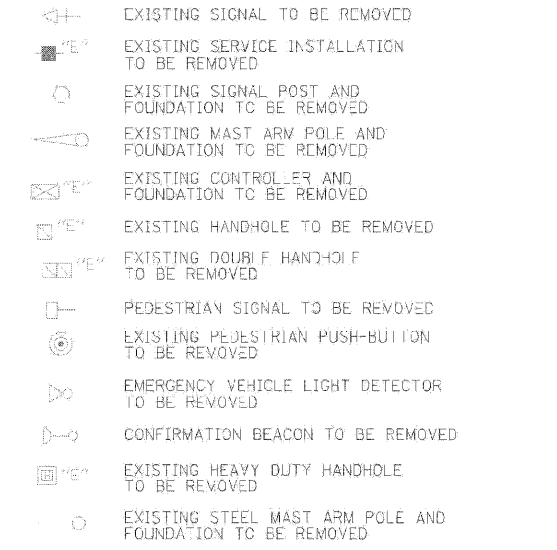
NOTE 1: THE CONDUIT SHALL BE ATTACHED TO THE WOOD POLE TO A HEIGHT OF 10 FEET AND SHALL BE PAID FOR AS CONTRACT UNIT PRICE PER FOOT FOR "CONDUIT IN TRENCH" OR "CONDUIT PUSH-ED" OF THE SIZE SPECIFIED. ALL OTHER CONDUITS AND UNIT DUCTS COMING INTO THE HANDHOLES, AS SHOWN IN THE PROPOSED INTERSECTION PLANS, SHALL BE CONSTRUCTED WHEN THE HANDHOLES ARE CONSTRUCTED. THE CONDUITS AND UNIT DUCTS SHALL BE STUBBED AND CAPPED UNTIL NEEDED. THE HANDHOLES, CONDUITS, AND TRENCH AND BACKFILL ITEMS ARE INCLUDED FOR PAYMENT IN THE SCHEDULE OF QUANTITIES FOR MAIN STREET AT ILLINOIS ROUTE 47.

NOTE 2: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

TEMPORARY TRAFFIC SIGNAL LEGEND



EXISTING EQUIPMENT TO BE REMOVED LEGEND



THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACTOR'S BID PRICE.

- 1 EACH CONTROLLER AND CABINET COMPLETE
- 5 EACH SIGNAL HEAD, 1-FACE 3-SECTION, BRACKET MOUNTED
- 9 EACH SIGNAL HEAD, 1-FACE 3-SECTION, MAST ARM MOUNTED
- 1 EACH SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED
- 1 EACH SIGNAL HEAD, 1-FACE, 4 SECTION, MAST ARM MOUNTED
- 1 EACH SIGNAL HEAD, 1-FACE 5-SECTION, BRACKET MOUNTED
- 1 EACH SIGNAL HEAD, 1-FACE 5-SECTION, MAST ARM MOUNTED
- 4 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED
- 11 EACH TRAFFIC SIGNAL BACKPLATE
- 6 EACH TRAFFIC SIGNAL POST
- 6 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 1 EACH SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: VILLAGE OF HUNTLEY

CONTACT INFORMATION:
MR. WILLIAM GEEGAN
VILLAGE OF HUNTLEY
ENGINEERING DEPARTMENT
PHONE: (847) 515-5210

- 2 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER

STAGES: PRE-STAGE, STAGE 1, STAGE 1B, STAGE 1C, STAGE 2, STAGE 2B, AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE IN PLACE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 2". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

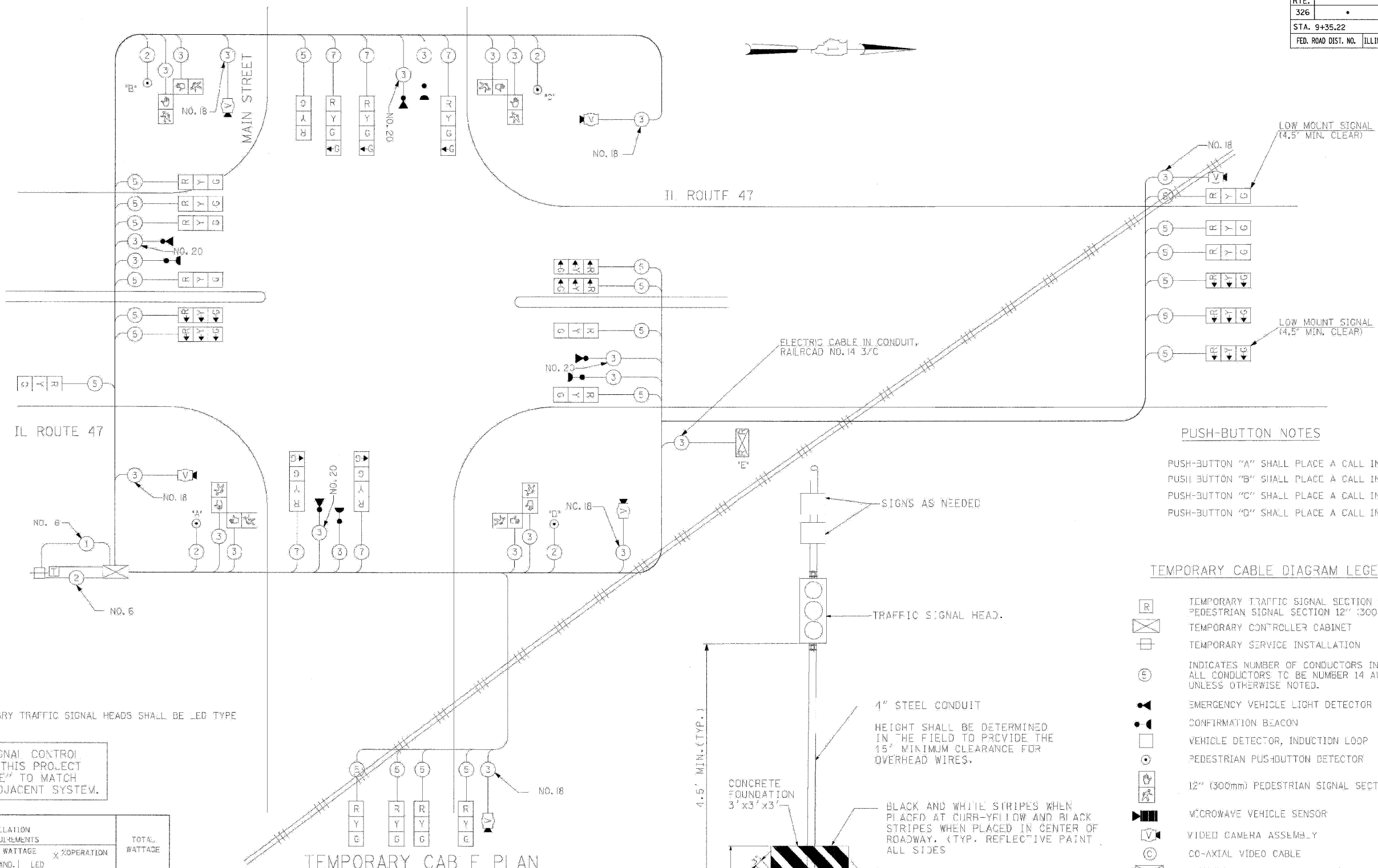
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 47 AT MAIN STREET PRE-STAGE, STAGE 1, STAGE 1B, STAGE 1C, STAGE 2, STAGE 2B, AND AFTER ALL THE PROPOSED ROADWAY GEOMETRIC ARE IN PLACE.

SCALE: 1"=20'
DATE: APRIL 17, 2009
DRAWN BY: MAA
DESIGNED BY: PKG/BRM
CHECKED BY: PKG/BRM

GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
SUITE 306
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5980

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	283
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PUSH-BUTTON NOTES

PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 3.
 PUSH-BUTTON "B" SHALL PLACE A CALL IN PHASES 3 AND 6.
 PUSH-BUTTON "C" SHALL PLACE A CALL IN PHASES 4 AND 6.
 PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 4.

- TEMPORARY CABLE DIAGRAM LEGEND**
- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
 - [E] TEMPORARY CONTROLLER CABINET
 - [S] TEMPORARY SERVICE INSTALLATION
 - (E) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
 - [V] EMERGENCY VEHICLE LIGHT DETECTOR
 - [C] CONFIRMATION BEACON
 - [D] VEHICLE DETECTOR, INDUCTION LOOP
 - [P] PEDESTRIAN PUSH-BUTTON DETECTOR
 - [H] 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - [M] MICROWAVE VEHICLE SENSOR
 - [V] VIDEO CAMERA ASSEMBLY
 - [C] CO-AXIAL VIDEO CABLE
 - [E] EXISTING RAILROAD CONTROL CABINET TO REMAIN
 - [T] TELEPHONE SERVICE INSTALLATION

NOTE 1: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TEMPORARY CABLE PLAN

STAGES: PRE-STAGE, STAGE 1, STAGE 1B, STAGE 1C, STAGE 2, STAGE 2B, AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE IN PLACE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	25	135	27	0.50	212.5
(YELLOW)	25	135	27	0.25	156.25
(GREEN)	30	135	27	0.25	112.5
ARROW	135	12	0.0		
PED. SIGNAL	8	25	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	781.25

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A-POST	4 (1.2)	HANDHOLE	6.5 (2.0)	4.1 FOUNDATIONS	3.5 (1.0)
C-CONTROLLER W/UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	W/ST ARM (L) POLE	20'-H-2"
D-CONTROLLER	4 (1.2)	SIGNAL POST	2 (0.6)	(6m-H-2.6m)±	
E-M-ARM POLE	1 (0.3)	CONTROLLER CAB.	1 (0.3)	BRACKET MOUNTED	13 (4.0)
36" (900mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	P.D. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.3)	ELECTRIC SERVICE	13.5 (4.1)
42" (1050mm)	25 (7.6)	GROUND CABLE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

TEMPORARY TRAFFIC SIGNAL (WOOD POLE OPTIONAL FOR SIDE OR PARKWAY AREA).



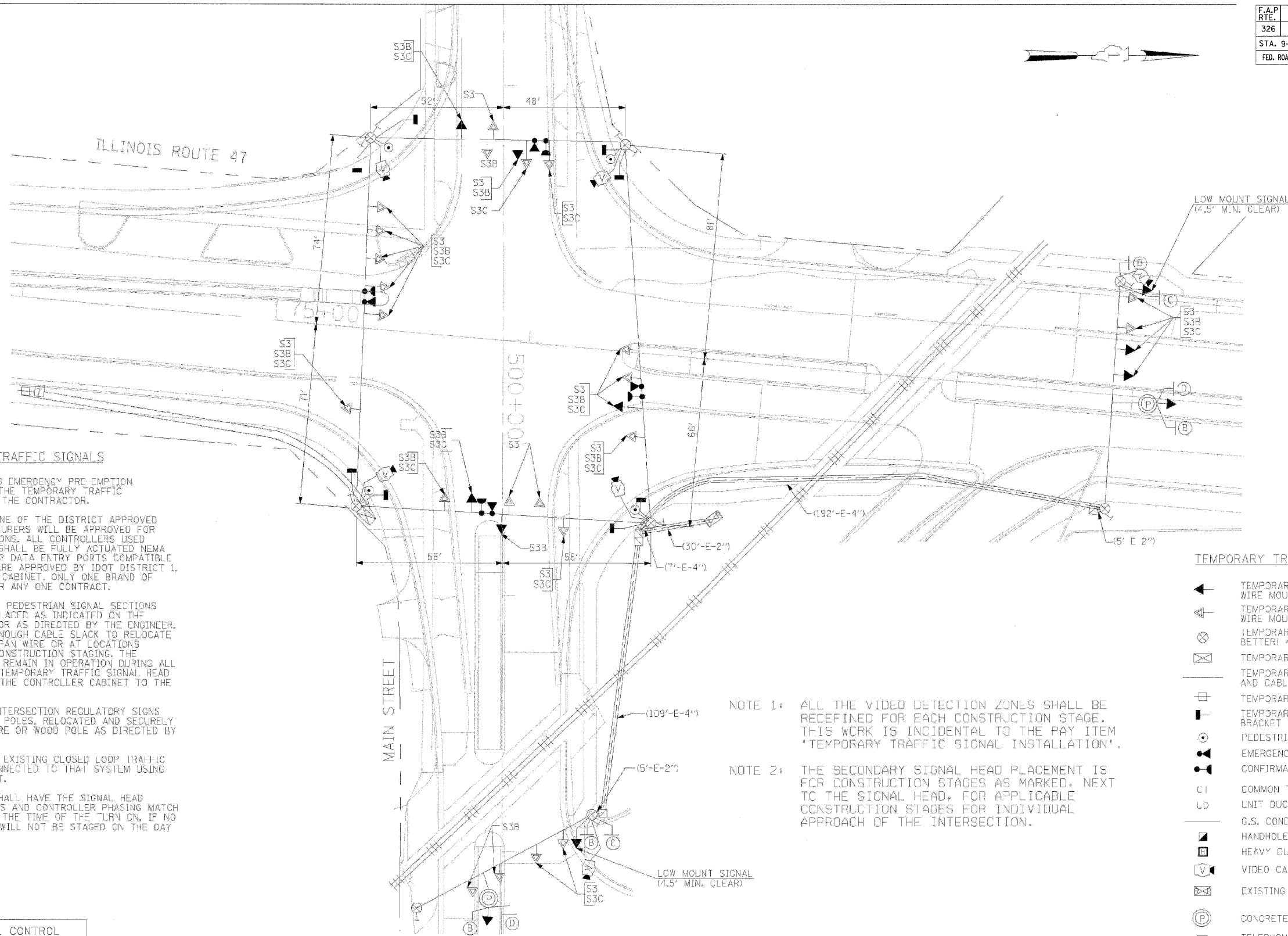
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY CABLE PLAN,
 ILLINOIS ROUTE 47 AT MAIN STREET
 PRE-STAGE, STAGE 1, STAGE 1B,
 STAGE 1C, STAGE 2, STAGE 2B, AND
 AFTER ALL THE PROPOSED ROADWAY
 GEOMETRICS ARE IN PLACE.

SCALE: N.T.S.
 DATE: APRIL 17, 2009

DRAWN BY: ME,MA,YB
 DESIGNED BY: PKG/RRM
 CHECKED BY: PKG

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	286
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1. INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12" HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- ⊞ COMMON TRENCH
- ⊞ UNIT DUCT
- ⊞ G.S. CONDUIT IN GROUND
- ⊞ HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- ⊞ VIDEO CAMERA ASSEMBLY
- ⊞ EXISTING RAILROAD CONTROLLER TO REMAIN
- ⊞ CONCRETE BARREL WITH SIGNAL POST
- ⊞ TELEPHONE SERVICE INSTALLATION

NOTE 1: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

NOTE 2: THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED. NEXT TO THE SIGNAL HEAD, FOR APPLICABLE CONSTRUCTION STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TEMPORARY TRAFFIC SIGNAL PLAN
STAGES: STAGE 3, STAGE 3B, AND STAGE 3C

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 47 AT MAIN STREET
STAGE 3, STAGE 3B, AND STAGE 3C.

SCALE: 1"=50'
DATE: APRIL 17, 2009

DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

GA GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 305
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5910

GA GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 305
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5910

PLOT DATE = 4/24/2009
FILE NAME = S:\11-CADD\01\11-206-419.dgn
PLOT SCALE = 1:1
USER NAME = 3838

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	288
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TEMPORARY SEQUENCE OF OPERATION (LEAD-LAG)

MOVEMENT						F L A S H																						
PHASE	2 + 5		2 + 6				1 + 6				3		4															
INTERVAL	1	2	3A	3B	4	5	6A	6B	6C	6D	7	8	9A	9B	9C	9D	10	11	12A	12B	13	14	15A	15B	15C	15D		
CHANGE TO	∅	∅	2+6		3, 4				2+6				1+5 1+6 2+5 2+6		4 1+5 1+6 2+5 2+6													
ILLINOIS ROUTE 47 NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 47 TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	←G	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 47, NORTH OF TRACK RIGHT LOW MOUNT TWO RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	G	G	Y	R	R	R	G	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 47, NORTH OF TRACK LOW MOUNT IN BARREL (ON LEFT) TWO LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 47, SOUTH OF TRACK NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	G	G	G	G	Y	R	G	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	
ILLINOIS ROUTE 47, SOUTH OF TRACK TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	
MAIN STREET NEAR SIDE SPAN WIRE SIGNAL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	
MAIN STREET FAR SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	
MAIN STREET, EAST OF TRACK LOW MOUNT IN BARREL (ON LEFT) SPAN WIRE, AND RIGHT LOW MOUNT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	
MAIN STREET, WEST OF TRACK FAR SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	R	
PEDESTRIAN SIGNAL CROSSING MAIN STREET ON EAST SIDE OF ILLINOIS ROUTE 47		*P	**FH	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNAL CROSSING MAIN STREET ON WEST SIDE OF ILLINOIS ROUTE 47		H	H	H	H	*P	**FH	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNAL CROSSING ILLINOIS ROUTE 47 ON NORTH SIDE OF MAIN STREET		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	DARK
PEDESTRIAN SIGNAL CROSSING ILLINOIS ROUTE 47 ON SOUTH SIDE OF MAIN STREET		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	DARK

P = ILLUMINATED PERSON = WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK

PHASE 2 + 6 SHALL BE PLACED ON RECALL.

- * TO APPEAR ONLY UPON PUSHBUTTON ACTUATION.
- ** FLASHING "FH" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

∅ THIS "∅" OR FLASHING "∅" INTERVAL MAY FINISH TIMING IN THE BI-DIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "∅" OR FLASHING "∅" INTERVALS. "∅" AND FLASHING "∅" TIMINGS TO BE SET ONLY ON THE PHASES WHERE "∅" AND FLASHING "∅" ARE INDICATED IN THE SEQUENCE OF OPERATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY SEQUENCE OF OPERATION
 ILLINOIS ROUTE 47 AT MAIN STREET
 STAGE 3, STAGE 3B, AND STAGE 3C.
 (SHEET 1 OF 2)
 SCALE: NONE
 DATE: APRIL 17, 2009
 DRAWN BY: MAA
 DESIGNED BY: PKG/RRM
 CHECKED BY: PKG/RRM

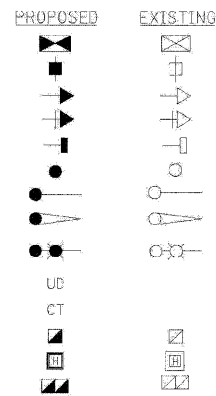
REVISIONS	
NAME	DATE

ga GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 8035 N. NORTHWEST HIGHWAY
 SUITE 300
 CHICAGO, ILLINOIS 60631 TEL: (773) 774-6930

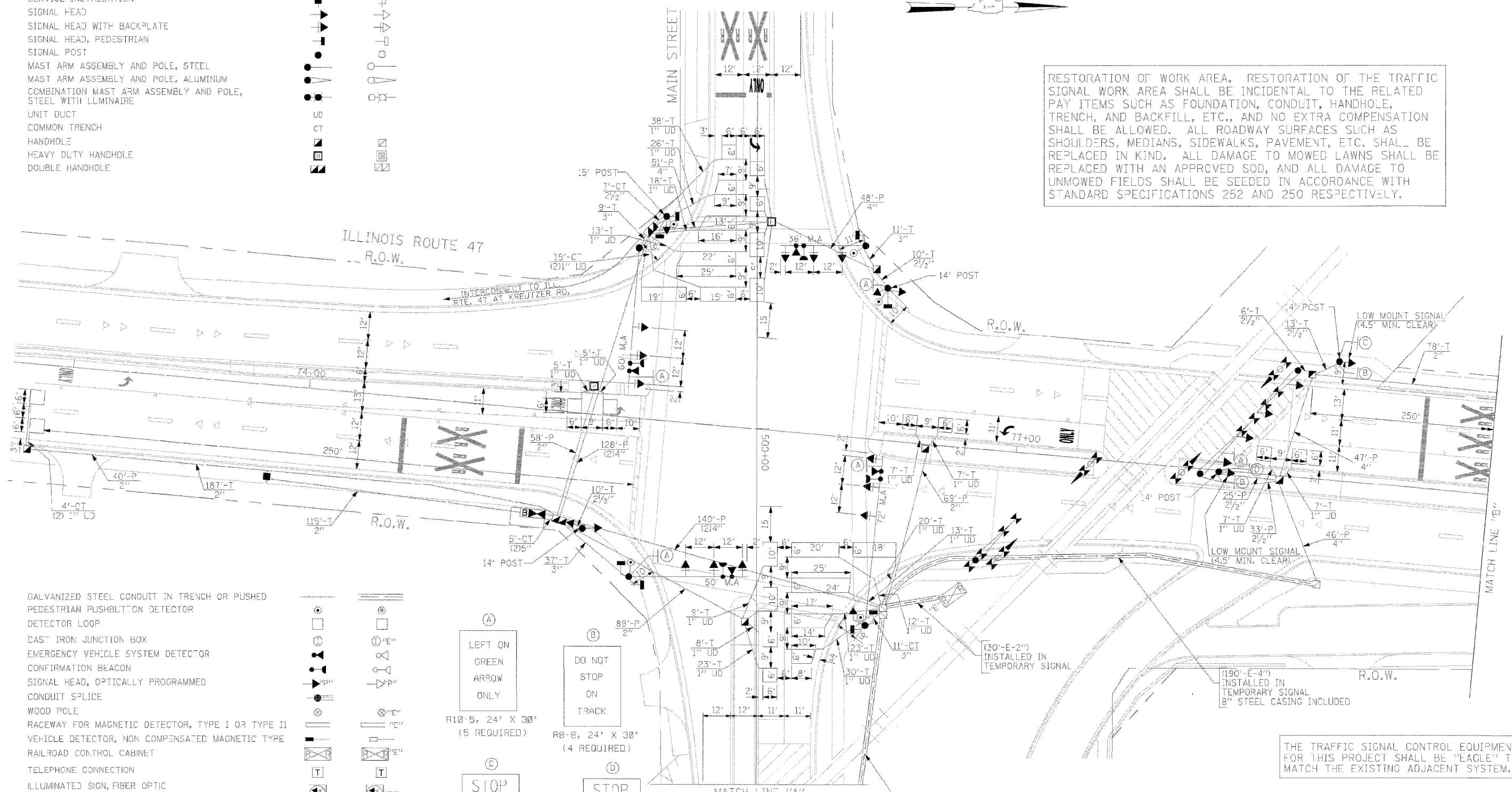
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	290
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

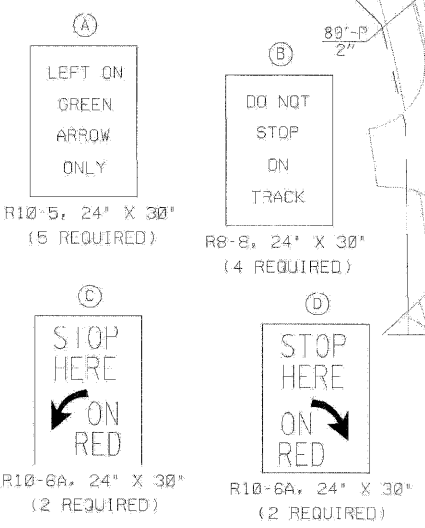
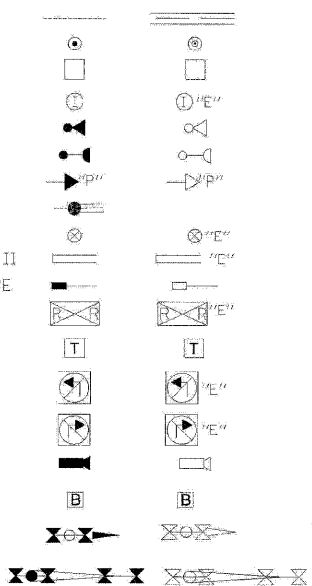
- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- UNIT DUCT
- COMMON TRENCH
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH, AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



- GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE SYSTEM DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD, OPTICALLY PROGRAMMED
- CONDUIT SPLICE
- WOOD POLE
- RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
- VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
- RAILROAD CONTROL CABINET
- TELEPHONE CONNECTION
- ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
- ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
- MICROWAVE VEHICLE SENSOR
- UPS-BATTERY BACK-UP
- CROSSING GATE
- RAILROAD CANTILEVER MAST ARM



ALL THE DETECTOR LOOPS ARE PREFORMED DETECTOR LOOPS.



GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 308
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5900

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

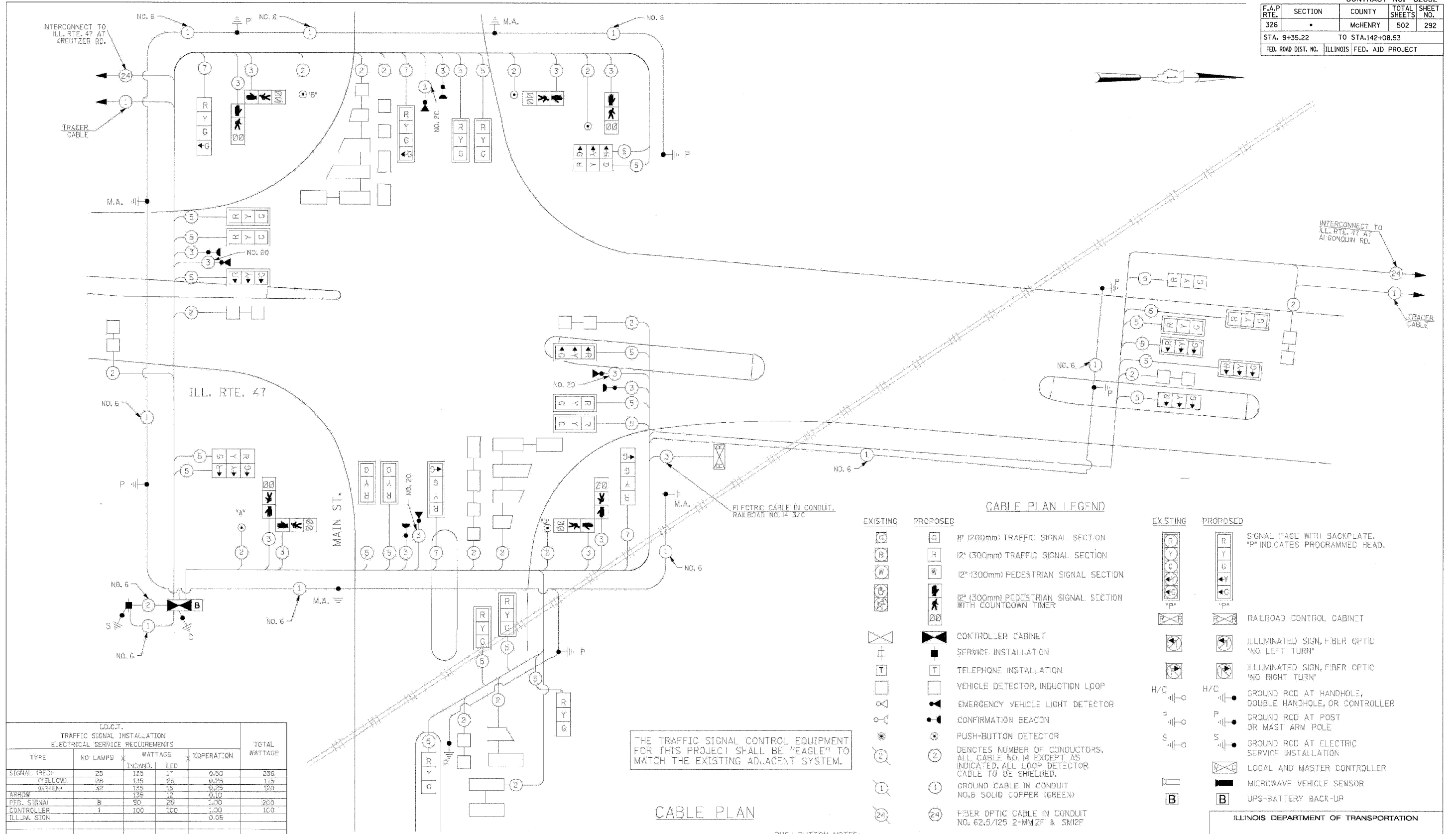
TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 47
AT MAIN STREET
(SHEET 1 OF 2)

SCALE: 1"=20'
DATE: APRIL 17, 2009

DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

PLOT DATE = 4/16/09
FILE NAME = S:\11-CDD\11-11\11-11\11-11.dwg
PLOT SCALE = 1:1
USER NAME = 3838

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	292
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	8" (200mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	TELEPHONE INSTALLATION
[Symbol]	[Symbol]	VEHICLE DETECTOR, INDUCTION LOOP
[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR
[Symbol]	[Symbol]	CONFIRMATION BEACON
[Symbol]	[Symbol]	PUSH-BUTTON DETECTOR
[Symbol]	[Symbol]	2 DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED, ALL LOOP DETECTOR CABLE TO BE SHIELDED.
[Symbol]	[Symbol]	1 GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
[Symbol]	[Symbol]	24 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM2F & SM12F

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CABLE PLAN

PUSH-BUTTON NOTES:
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 3 AND 6
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 4

L.D.C.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE	
TYPE	NO LAMPS	WATTAGE	% OPERATION		
		INCAND.	LED		
SIGNAL (RED)	28	135	17	0.50	238
(YELLOW)	28	135	25	0.25	115
(GREEN)	32	135	15	0.25	120
ARROW		135	12	0.10	
PEP. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	833

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A-POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C-CONTROLLER W/UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-H-2"
D-CONTROLLER	4 (1.2)	SIGNAL POST	2 (1.0)		16mH-0.6m=
F-MAST W/ PDL		CON. HOLLER CAB.	1 (0.5)	BRACKET MOUNTED	15 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PEP. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
42" (1050mm)	25 (7.6)	GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN
ILLINOIS ROUTE 47 AT MAIN STREET

SCALE: N.T.S. DRAWN BY: ME,MA,YB
 DATE: APRIL 17, 2009 DESIGNED BY: PKG/RRW
 CHECKED BY: PKG/RRW

GA GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 605 N. CENTRAL HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60607 TEL: (773) 791-9390

PLOT DATE: 4/24/2009
 FILE NAME: S:\11-0600\11-0600-292-28.dwg
 PLOT SCALE: 1:1
 USER NAME: 3830

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	293
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
92	SQ FT	SIGN PANEL - TYPE 1
637	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
65	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
68	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
74	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
10	FOOT	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL
462	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
105	FOOT	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL
956	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
9	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
3	EACH	DOUBLE HANDHOLE
826	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER - FIBER OPTIC
1036	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
2546	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
7474	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
873	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
3389	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
134	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
6	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 35 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 72 FT.
28	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
30	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
50	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
16	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
18	EACH	TRAFFIC SIGNAL BACKPLATE
12	EACH	INDUCTIVE LOOP DETECTOR
* 4	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
5	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
16	EACH	REMOVE EXISTING HANDHOLE
12	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1375	FOOT	PREFORMED DETECTOR LOOP
7	EACH	PAINT NEW TRAFFIC SIGNAL POST
1	EACH	PAINT NEW MAST ARM POLE, UNDER 40 FEET
3	EACH	PAINT NEW MAST ARM POLE, 40 FEET AND OVER
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
151	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
* 993	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
210	FOOT	ELECTRIC CABLE IN CONDUIT, RAILROAD NO. 14 3/C
1	L SUM	RAILROAD PROTECTIVE LIABILITY
182	FOOT	STEEL CASINGS 8"
* 100% COST TO VILLAGE OF HUNTLEY		

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE


ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 47
AT MAIN STREET


SCALE: 1"=20'

DATE: APRIL 17, 2009

DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM



GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5900



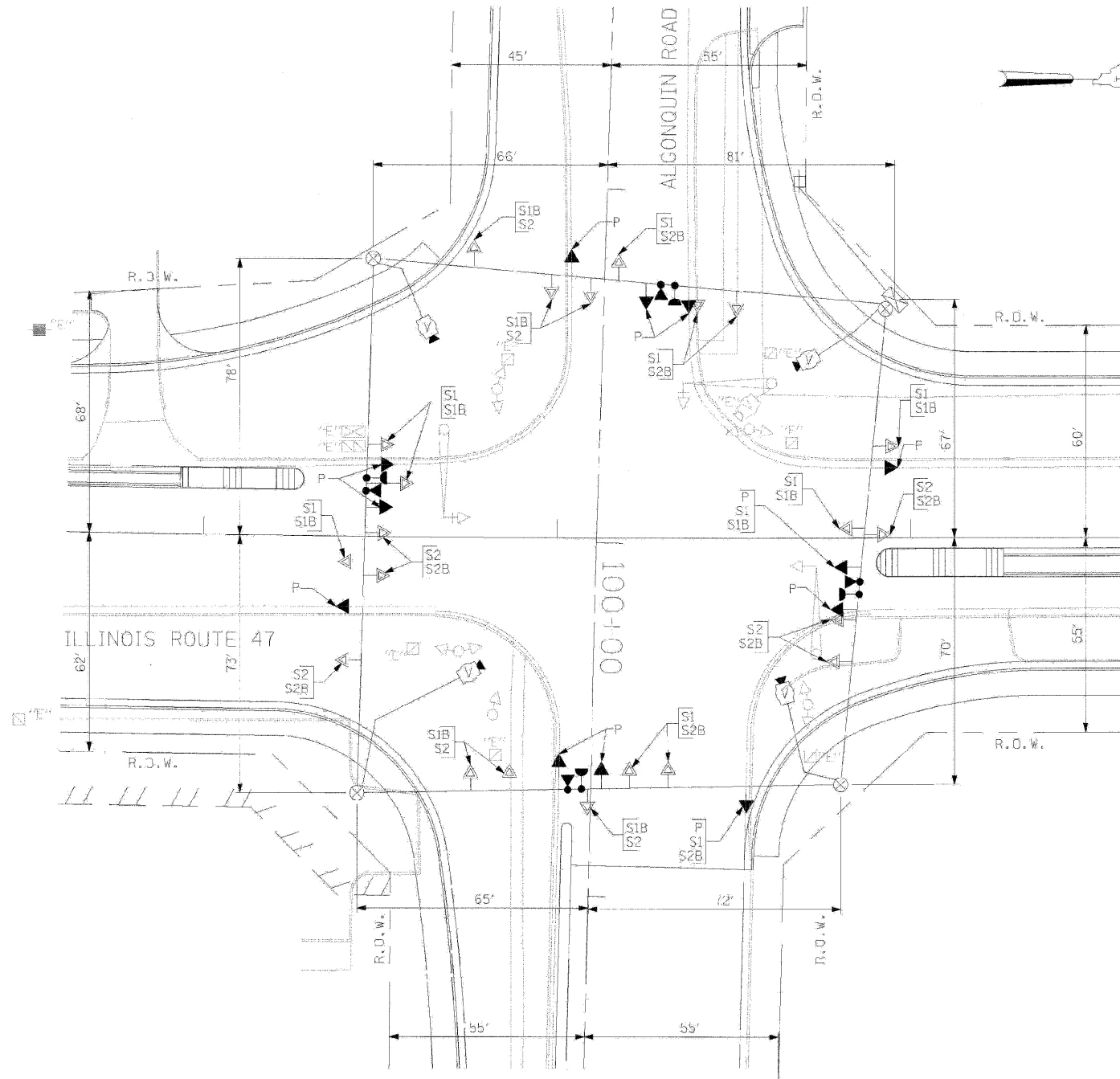
GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5900

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\01-TRA\A293.dwg
PLOT SCALE = 1:1
USER NAME = 3838

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	296
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTLATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1. INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.



TEMPORARY TRAFFIC SIGNAL PLAN

STAGES: PRE-STAGE, STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACTOR'S BID PRICE.

- | | | |
|---|------|---|
| 1 | EACH | CONTROLLER AND CABINET COMPLETE |
| 1 | EACH | SIGNAL HEAD, 1-FACE 3-SECTION, BRACKET MOUNTED WITH 12" RED INDICATION |
| 2 | EACH | SIGNAL HEAD, 1-FACE 3-SECTION, MAST ARM MOUNTED |
| 1 | EACH | SIGNAL HEAD, 1-FACE 5-SECTION, MAST ARM MOUNTED |
| 2 | EACH | SIGNAL HEAD, 2-FACE, 3-SECTION WITH 12" RED INDICATION, BRACKET MOUNTED |
| 1 | EACH | SIGNAL HEAD, 2-FACE, 3-SECTION, BRACKET MOUNTED |
| 1 | EACH | SIGNAL HEAD, 2-FACE, 1-3 SECTION WITH 12" RED INDICATION AND 1-5 SECTION, BRACKET MOUNTED |
| 3 | EACH | TRAFFIC SIGNAL BACK PLATE |
| 5 | EACH | TRAFFIC SIGNAL POST |
| 3 | EACH | ALUMINUM MAST ARM ASSEMBLY AND POLE, 25 FOOT. |
| 1 | EACH | SERVICE INSTALLATION |
| 1 | EACH | VIDEO CAMERA ASSEMBLY |

TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ☒ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊕ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊕ CONFIRMATION BEACON
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- HANDHOLE
- HEAVY DUTY HANDHOLE
- ⊕ VIDEO CAMERA ASSEMBLY

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ⊕ EXISTING SIGNAL TO BE REMOVED
- EXISTING SERVICE INSTALLATION TO BE REMOVED
- ⊙ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊕ EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ☒ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- EXISTING HANDHOLE TO BE REMOVED
- EXISTING DOUBLE HANDHOLE TO BE REMOVED
- ⊕ PEDESTRIAN SIGNAL TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- ⊕ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊕ CONFIRMATION BEACON TO BE REMOVED
- EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- ⊕ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊕ EXISTING VIDEO CAMERA ASSEMBLY TO BE REMOVED

NOTE 1: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

NOTE 2: THE ORIGINAL SIGNAL HEAD PLACEMENT FOR ALL APPROACHES OF THE INTERSECTION IS FOR EXISTING PAVEMENT GEOMETRICS (P). ADDITIONAL CONSTRUCTION STAGES, WHERE ORIGINAL SIGNAL HEAD PLACEMENT IS UTILIZED, ARE SHOWN WITH S1 THROUGH S2B FOR CONSTRUCTION STAGE 1 THROUGH CONSTRUCTION STAGE 2B.

NOTE 3: THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED, NEXT TO THE SIGNAL HEAD, FOR APPLICABLE CONSTRUCTION STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
 ILLINOIS ROUTE 47 AT ALGONQUIN ROAD
 PRE STAGE, STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B
 (SHEET 1 OF 4)

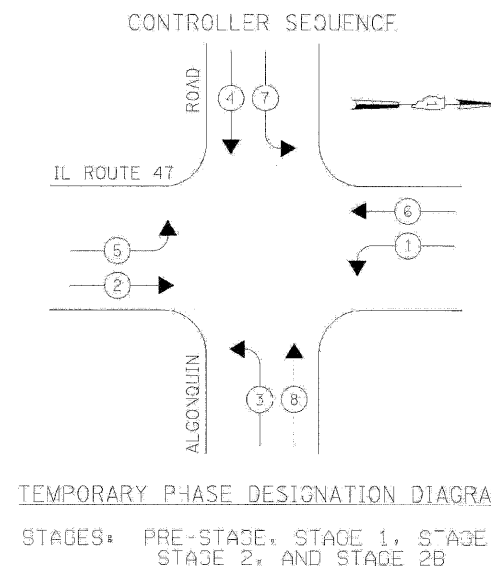
REVISIONS	
NAME	DATE

SCALE: 1"=20'
 DATE: APRIL 17, 2009

DRAWN BY: MAA
 DESIGNED BY: PKG/RRM
 CHECKED BY: PKG/RRM

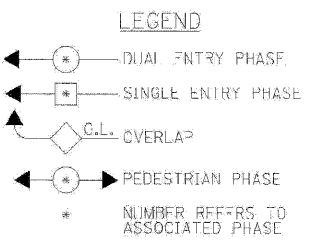
GO GANDHI ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6025 N. NORTHWEST CORNWAY
 SUITE 206
 CHICAGO, ILLINOIS 60631 TEL: (773) 774-5910

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	297
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

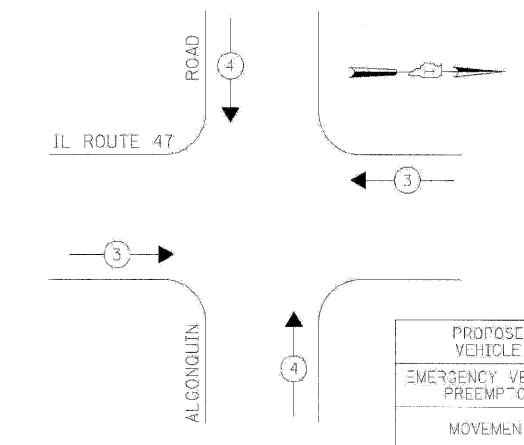


TEMPORARY PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE, STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B

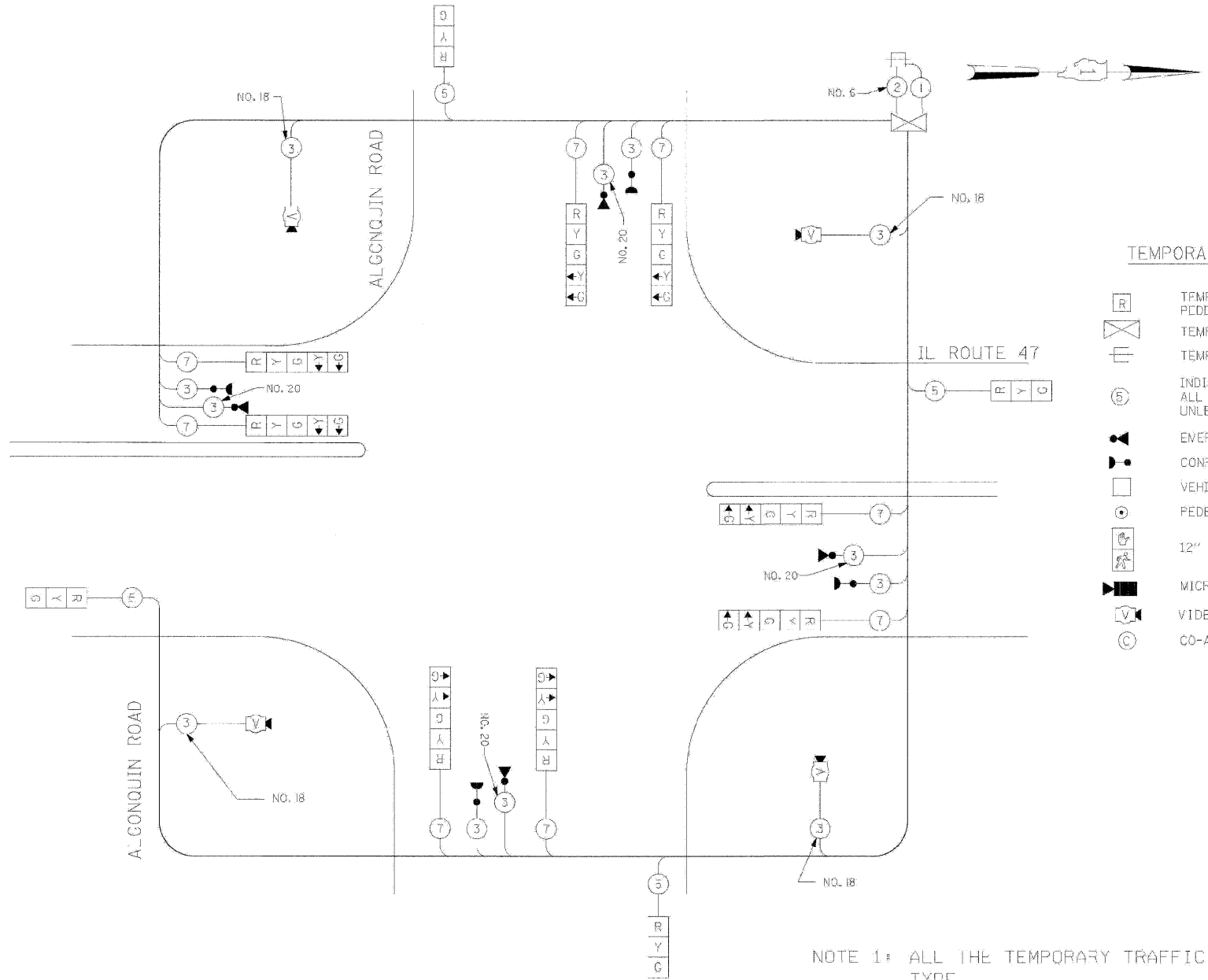


EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: PRE-STAGE, STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑



TEMPORARY CABLE DIAGRAM LEGEND

- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- [C] TEMPORARY CONTROLLER CABINET
- [S] TEMPORARY SERVICE INSTALLATION
- (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- [V] EMERGENCY VEHICLE LIGHT DETECTOR
- [B] CONFIRMATION BEACON
- [D] VEHICLE DETECTOR, INDUCTION LOOP
- [P] PEDESTRIAN PUSHBUTTON DETECTOR
- [P] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [M] MICROWAVE VEHICLE SENSOR
- [V] VIDEO CAMERA ASSEMBLY
- [C] CO-AXIAL VIDEO CABLE

TEMPORARY CABLE PLAN

STAGES: PRE-STAGE, STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B

- NOTE 1: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE.
- NOTE 2: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION."

TYPE	NO LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	6	135	12	0.10	19.2
PED. SIGNAL		90	25	1.00	
CONJUNCTION	1	100	100	1.00	100
ILLUM. SIGN				0.05	
FLASHER				0.50	
TOTAL =					341.2

ENERGY COSTS TO: TOTAL = 341.2

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1086

ENERGY SUPPLY CONTACT: KATIE OLIVA
PHONE: (847) 608-2338
COMPANY: COMMONWEALTH EDISON

FOUNDATION DEPTH	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A-POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C-CONTROLLER W/UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (3) POLE	20' H-2"
D-CONTROLLER	4 (1.2)	SIGNAL POST	2 (0.6)	BRACKET MOUNTED	6m H-0.6m
E-ARM POLE		CONJUNCTION CAB.	1 (0.3)	FIBER OPTIC	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	2 (0.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.3)	ELECTRIC SERVICE	13.5 (4.1)
42" (1050mm)	25 (7.6)	GROUND CABLE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "FAGIF" TO MATCH THE EXISTING ADJACENT SYSTEM.

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ROUTE 47 AT ALCONQUIN RD
PRE-STAGE, STAGE 1, STAGE 1B, STAGE 2, AND STAGE 2B
(SHEET 2 OF 4)
SCALE: N.T.S.
DATE: APRIL 17, 2009
DRAWN BY: ME,MA,YB
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

gg SANDH AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
8055 N. NORTHWEST HIGHWAY
SUITE 303
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5900

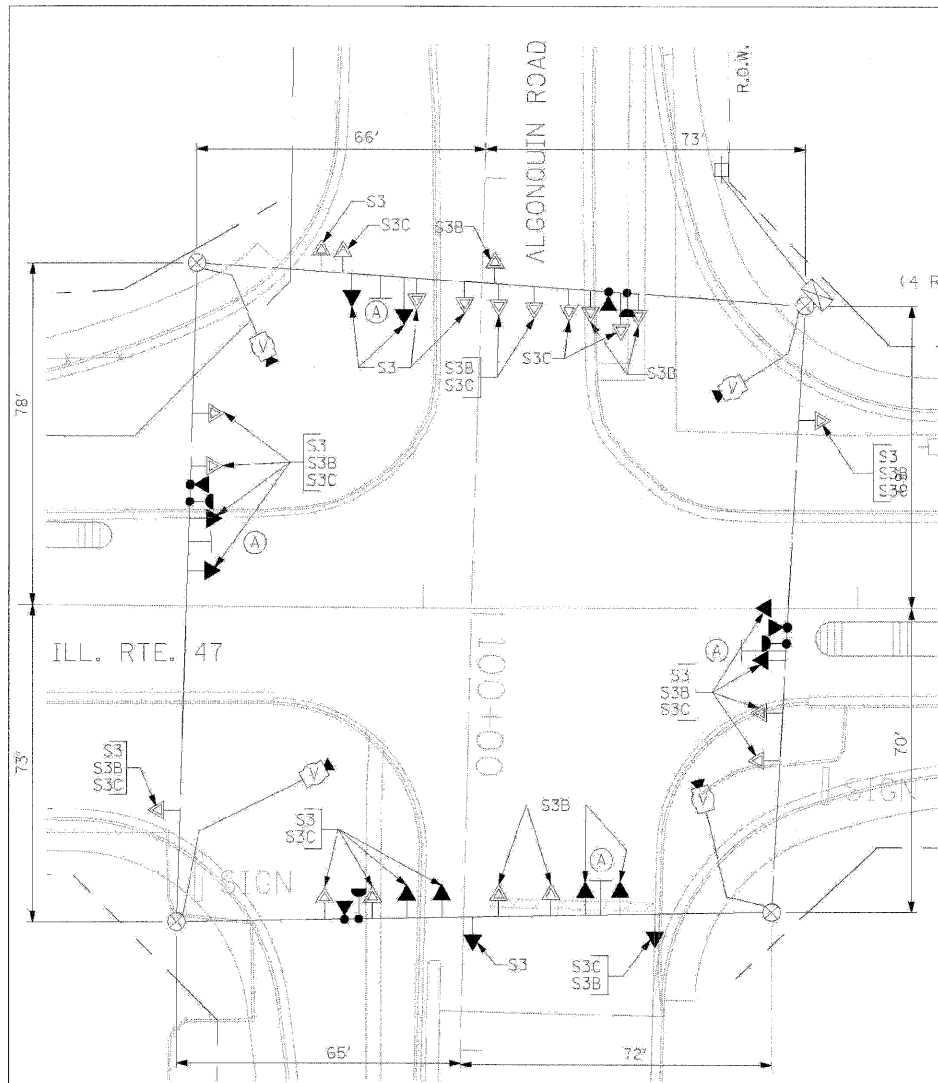
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PLOT SCALE: 1:1
USER NAME: 3839

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		MCHENRY	502	298
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

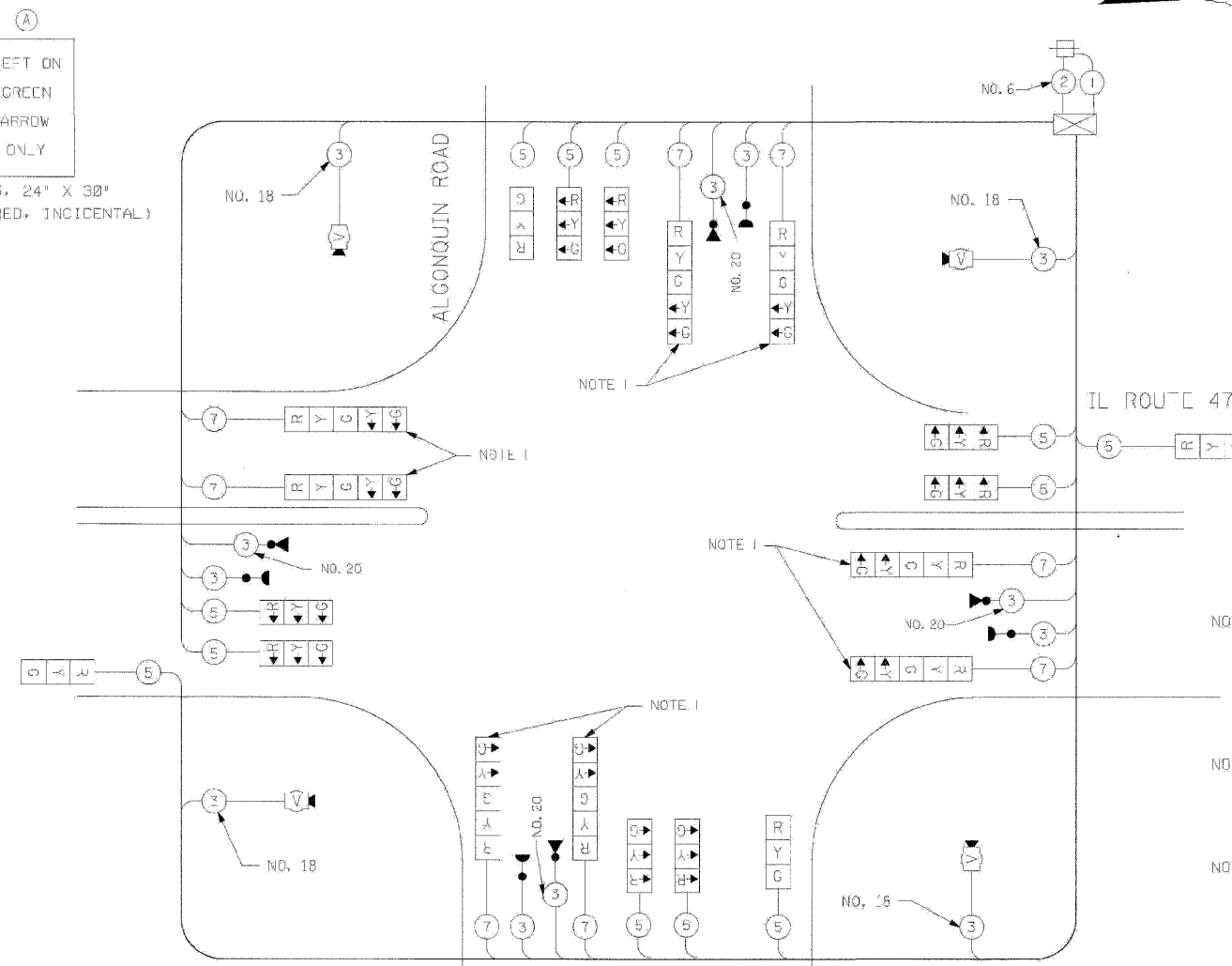
TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- MICROWAVE VEHICLE SENSOR
- VIDEO CAMERA ASSEMBLY
- CO-AXIAL VIDEO CABLE

- NOTE 1: DURING CONSTRUCTION STAGE 3, STAGE 3B, STAGE 3C, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE IN PLACE THE GREEN AND YELLOW LEFT ARROW INDICATION SECTIONS FOR ALL DIRECTIONS OF TRAFFIC SHALL BE BAGGED AND DISCONNECTED AT THE CONTROLLER.
- NOTE 2: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 3: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE.

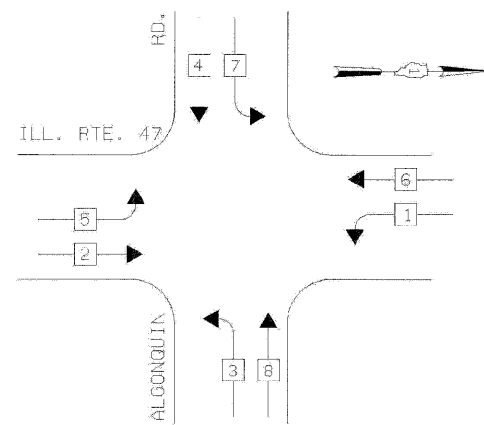


TEMPORARY TRAFFIC SIGNAL PLAN
STAGES: STAGE 3, STAGE 3B, AND STAGE 3C



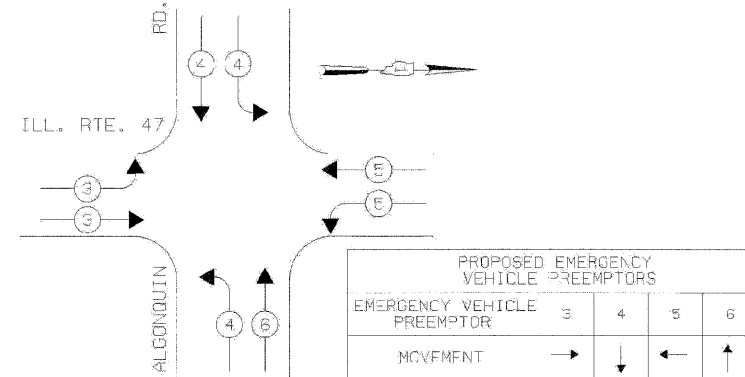
TEMPORARY CABLE PLAN
STAGES: STAGE 3, STAGE 3B, STAGE 3C, AND AFTER PROPOSED ROADWAY GEOMETRICS ARE IN PLACE.

CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM
STAGES: AFTER PROPOSED ROADWAY GEOMETRICS ARE IN PLACE.

EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: AFTER PROPOSED ROADWAY GEOMETRICS ARE IN PLACE.

T.D.C.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE	% OPERATION		
SIGNAL (RED)	20	135	17	0.50	170.0
(YELLOW)	20	135	25	0.25	25.0
(GREEN)	20	135	15	0.25	75.0
ARROW	135	32	0.10		
FED. SIGNAL	90	25	1.00		
CONTROLLER	1	100	1.00		100.0
ILLUM. SIGN			0.05		
FLASHER			0.50		
ENERGY COSTS TO:				TOTAL =	470.0

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: KATE OLIVA
PHONE: (847) 608-2338
COMPANY: COMMONWEALTH EDISON

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A-POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C-CONTROLLER W/UPS	4 (1.2)	CABLE HANDHOLE	13 (4.0)	MAS* ARM (3) POLE	20' H-2"
D-CONTROLLER	4 (1.2)	SIGNAL POST	2 (0.6)	6m H-0.6m	
E-V. ARM POLE		CONTROLLER CAB.	1 (0.3)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PEB. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.3)	ELECTRIC SERVICE	13.5 (4.2)
42" (1050mm)	25 (7.6)	GROUND CABLE	1 (0.3)	SERVICE TO GROUND	13.5 (4.2)
				POST MOUNTED	6 (1.8)

GO GANDH AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
805 N. NORTHWEST HIGHWAY
SUITE 300
CHICAGO, ILLINOIS 60631 TEL: (773) 774-5810

REVISIONS	
NAME	DATE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "TAG F" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CABLE PLAN,
ILLINOIS ROUTE 47 AT ALGONQUIN RD
STAGE 3, STAGE 3B, AND STAGE 3C
(SHEET 3 OF 4)

SCALE: N.T.S.
DATE: APRIL 17, 2009
DRAWN BY: ME,VA,YB
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-0001\11-0001.dwg
PLOT SCALE = 1:1
USER NAME =

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	299
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TEMPORARY SEQUENCE OF OPERATION (FOR STAGES 3, 3B, AND 3C) (LEAD - LAG)

MOVEMENT	5 2		6		1		3		4		F L A S H													
PHASE	2+5		2+6		1+6		3		4															
INTERVAL	1	2A	2B	3A	3B	4	5A	5B	6A	6B		7A	7B	8	9A	9B	10A	10B	11	12A	12B	13	14A	14B
CHANGE TO		3, 4 1+6		2+6			1+6		2+5			3 4			3, 4 2+5		2+6			4 1+6 2+5 2+6		3 1+6 2+5 2+6		
ILLINOIS ROUTE 47, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	G	Y	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	←G	←Y	←R	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 47, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	R	R	G	G	Y	R	Y	R	G	Y	R	G	G	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←Y	←R	←Y	←R	←R	←R	←R	←R	←R	←R
ALGONQUIN ROAD, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R
ALGONQUIN ROAD, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←Y	←R	←R	←R	←R
ALGONQUIN ROAD, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R
ALGONQUIN ROAD, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←Y	←R

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TEMPORARY EMERGENCY VEHICLE SEQUENCE OF OPERATION (FOR STAGES 3, 3B, AND 3C)

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1		4		4		4		8		8		11		11		13		13		PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	PREEMPTOR NUMBER 6	CLEAR TO NORMAL SEQUENCE
	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	2	3	4	5			
EMERGENCY VEHICLE PRE-EMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	3,4 5	1E	2	1G	3,5	1J	4	1L	2,3 5	4	1P	2,4 5	3	1S	2,3 4	5							
ILLINOIS ROUTE 47, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	N/B	G	Y	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	G	R	R	R	R	◇	
ILLINOIS ROUTE 47, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	N/B	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←G	←R	←R	←R	←R	◇	
ILLINOIS ROUTE 47, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	S/B	R	R	R	Y	R	Y	R	G	G	Y	R	G	R	R	R	R	R	R	R	G	R	R	◇	
ILLINOIS ROUTE 47, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←Y	←R	←G	←R	←R	←R	←R	←R	←R	←R	←G	←R	←R	◇	
ALGONQUIN ROAD, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	R	R	R	G	R	R	R	◇	
ALGONQUIN ROAD, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	E/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←Y	←R	←G	←R	←R	←R	←G	←R	←R	←R	◇	
ALGONQUIN ROAD, NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	G	R	R	R	G	R	◇	
ALGONQUIN ROAD, TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS	W/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←Y	←R	←G	←R	←R	←R	←G	←R	◇	

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2, 3, 4 OR 5 IS TERMINATED.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY SEQUENCE OF OPERATION AND
 TEMPORARY EMERGENCY VEHICLE SEQUENCE
 OF OPERATION (STAGES 3, 3B, AND 3C)
 ILLINOIS ROUTE 47 AT ALGONQUIN ROAD
 (SHEET 4 OF 4)

REVISIONS	
NAME	DATE

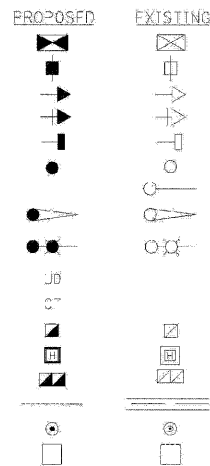
ga GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 308
 CHICAGO, ILLINOIS 60631 TEL: (773) 774-5910

SCALE: NONE
 DATE: APRIL 17, 2009
 DRAWN BY: MAA
 DESIGNED BY: P&G/RRM
 CHECKED BY: P&G/RRM

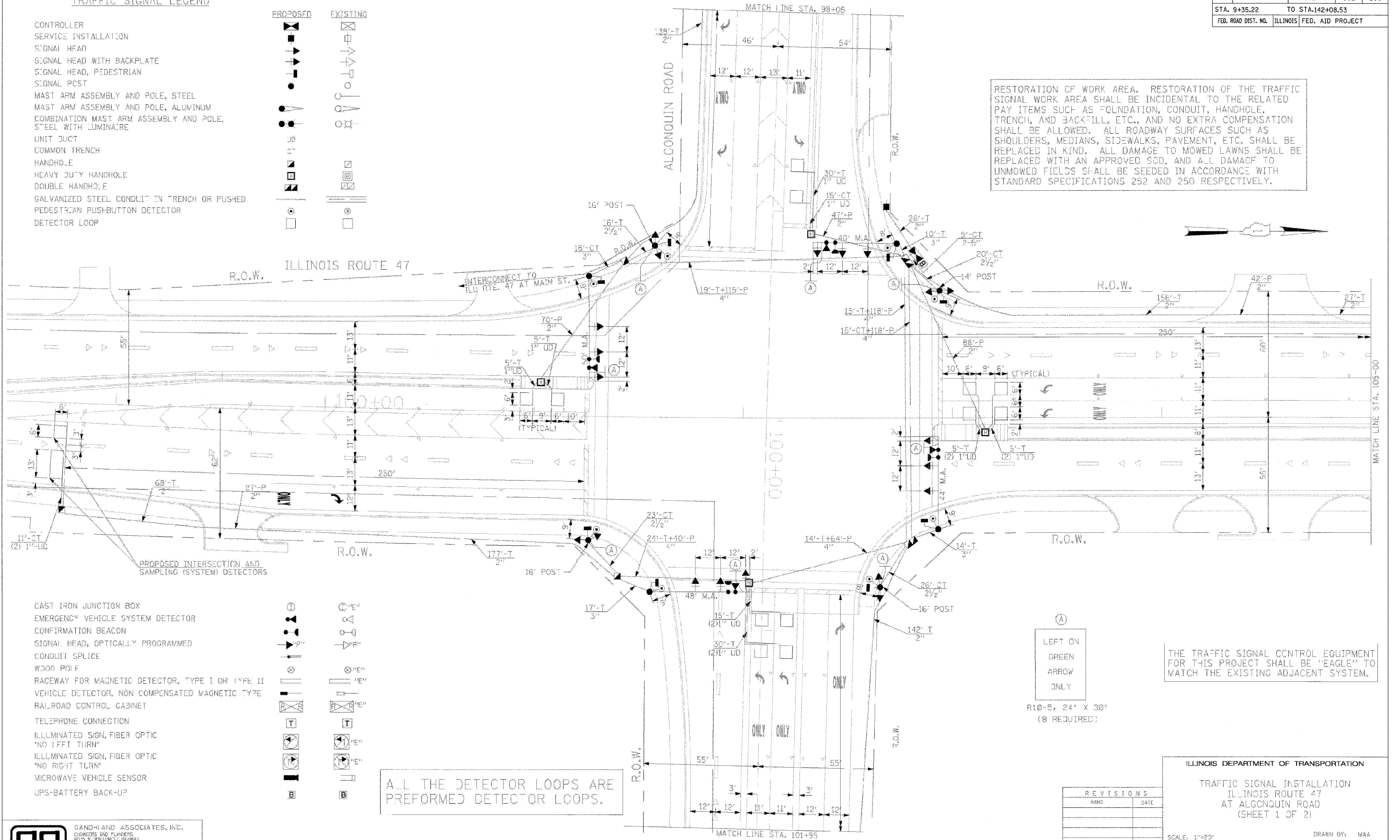
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	300
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- UNIT DUCT
- COMMON TRENCH
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED
- PEDESTRIAN PUSH-BUTTON DETECTOR
- DETECTOR LOOP



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH, AND BACK-FILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOG, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION
ILLINOIS ROUTE 47
AT ALCONQUIN ROAD
(SHEET 1 OF 2)

SCALE: 1"=20'

DATE: APRIL 17, 2009

DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CORRIDOR\11-R10-502-283.dwg
PLOT SCALE = 1:1
USER NAME = 3638