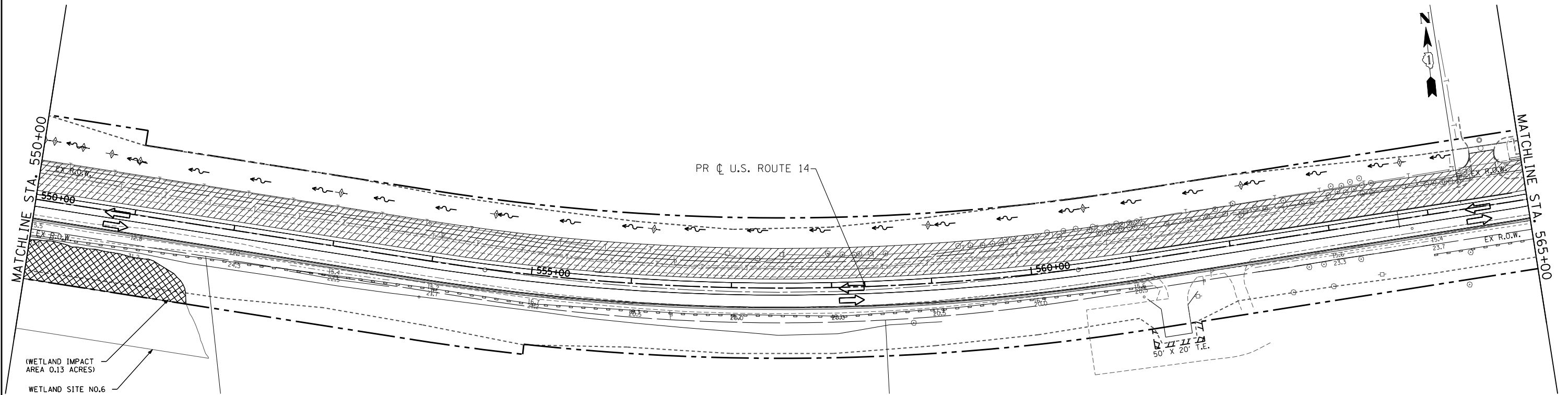
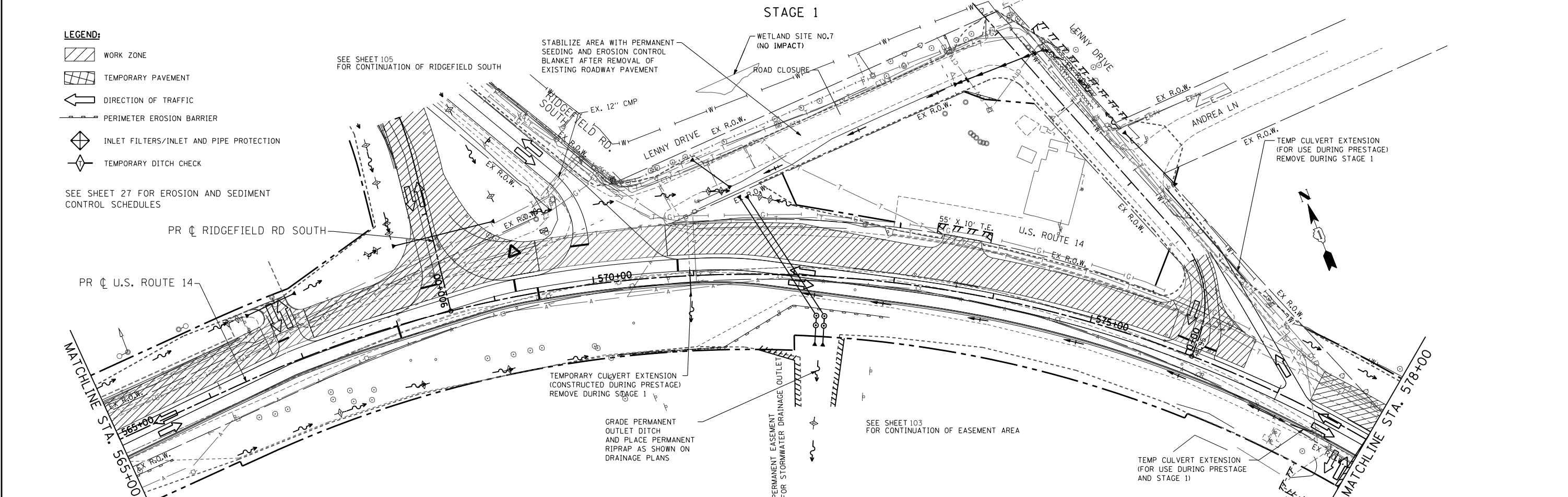


STAGE 1



STAGE 1



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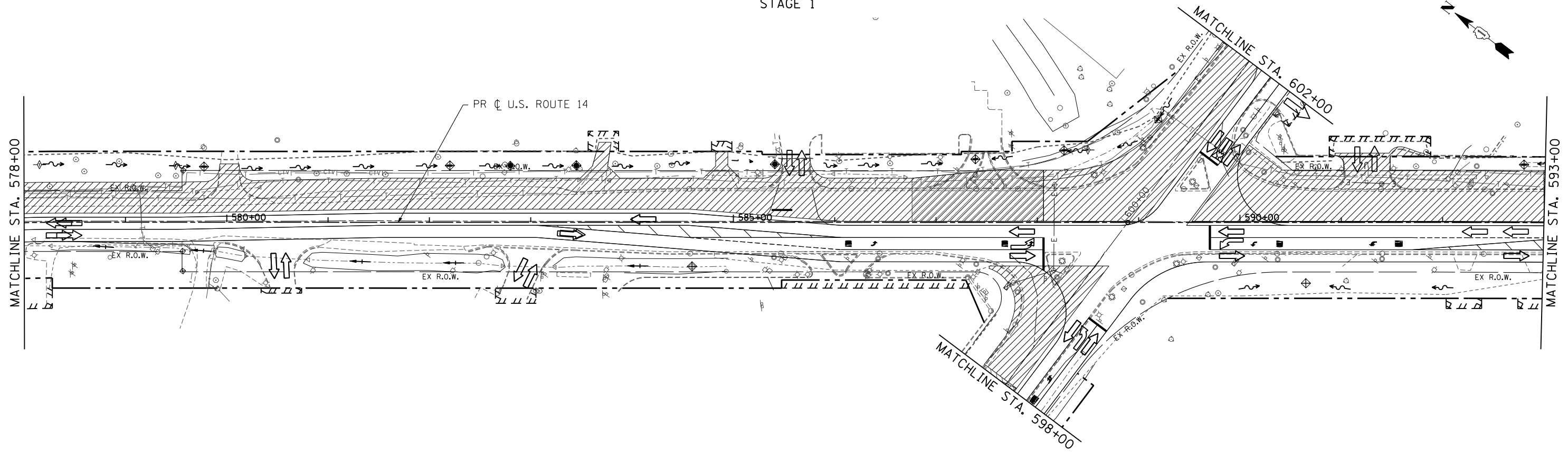
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 STAGE 1

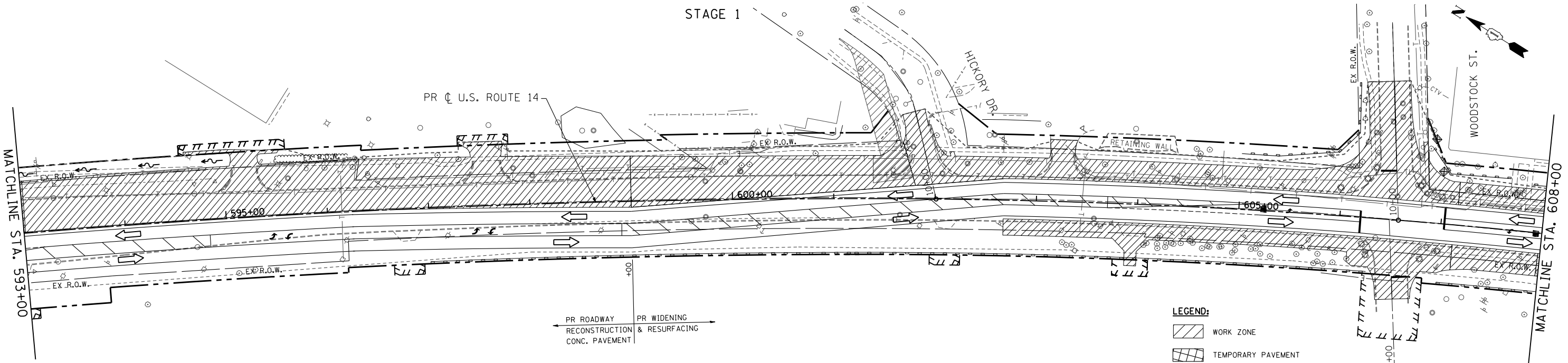
SCALE: 1"=50' SHEET NO. 101 OF 431 SHEETS STA. 550+00 TO STA. 578+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	101
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1



STAGE 1



PR ROADWAY RECONSTRUCTION CONC. PAVEMENT  
PR WIDENING & RESURFACING

- LEGEND:**
- WORK ZONE
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - PERIMETER EROSION BARRIER
  - INLET FILTERS/INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

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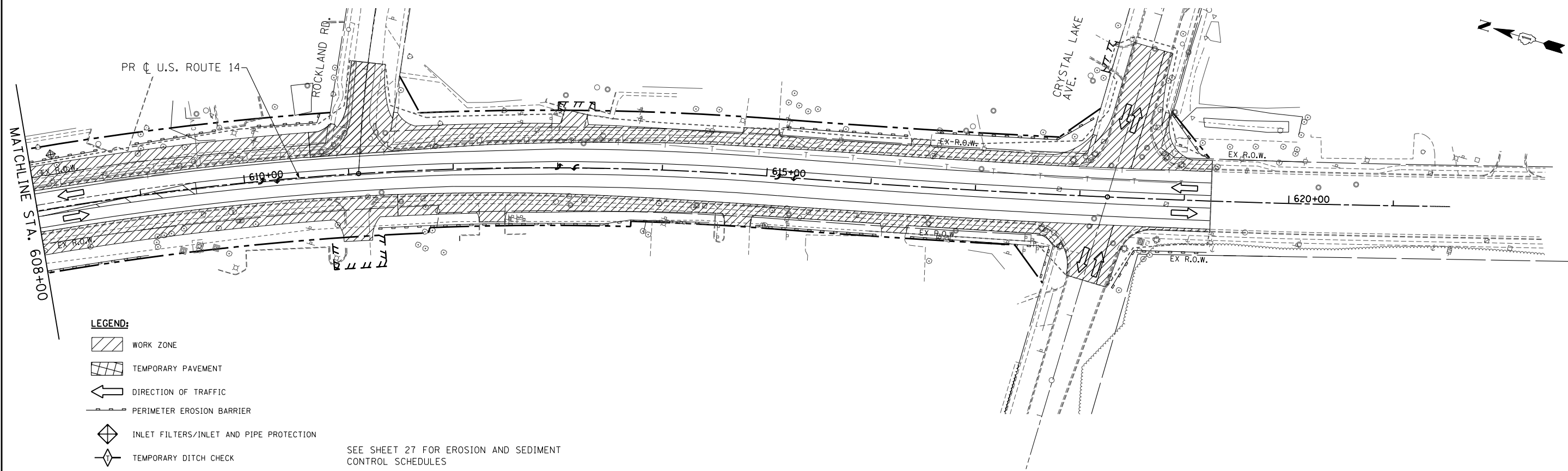
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 STAGE 1**







SCALE: 1"=50' SHEET NO. 102 OF 431 SHEETS STA. 578+00 TO STA. 608+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	102
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

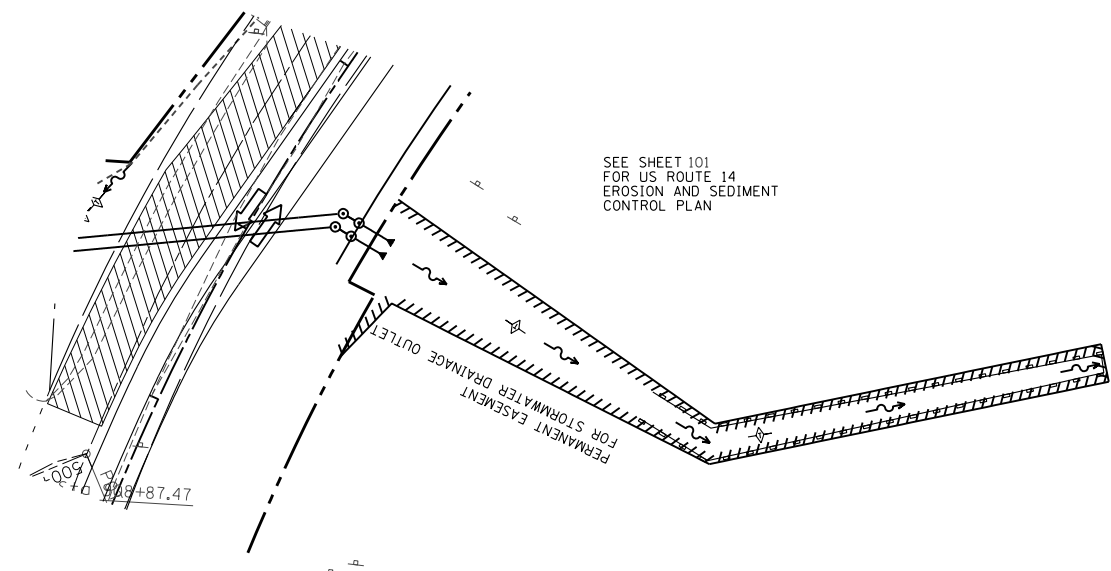
STAGE 1



LEGEND:

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  DIRECTION OF TRAFFIC
-  PERIMETER EROSION BARRIER
-  INLET FILTERS/INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES



SEE SHEET 101 FOR US ROUTE 14 EROSION AND SEDIMENT CONTROL PLAN

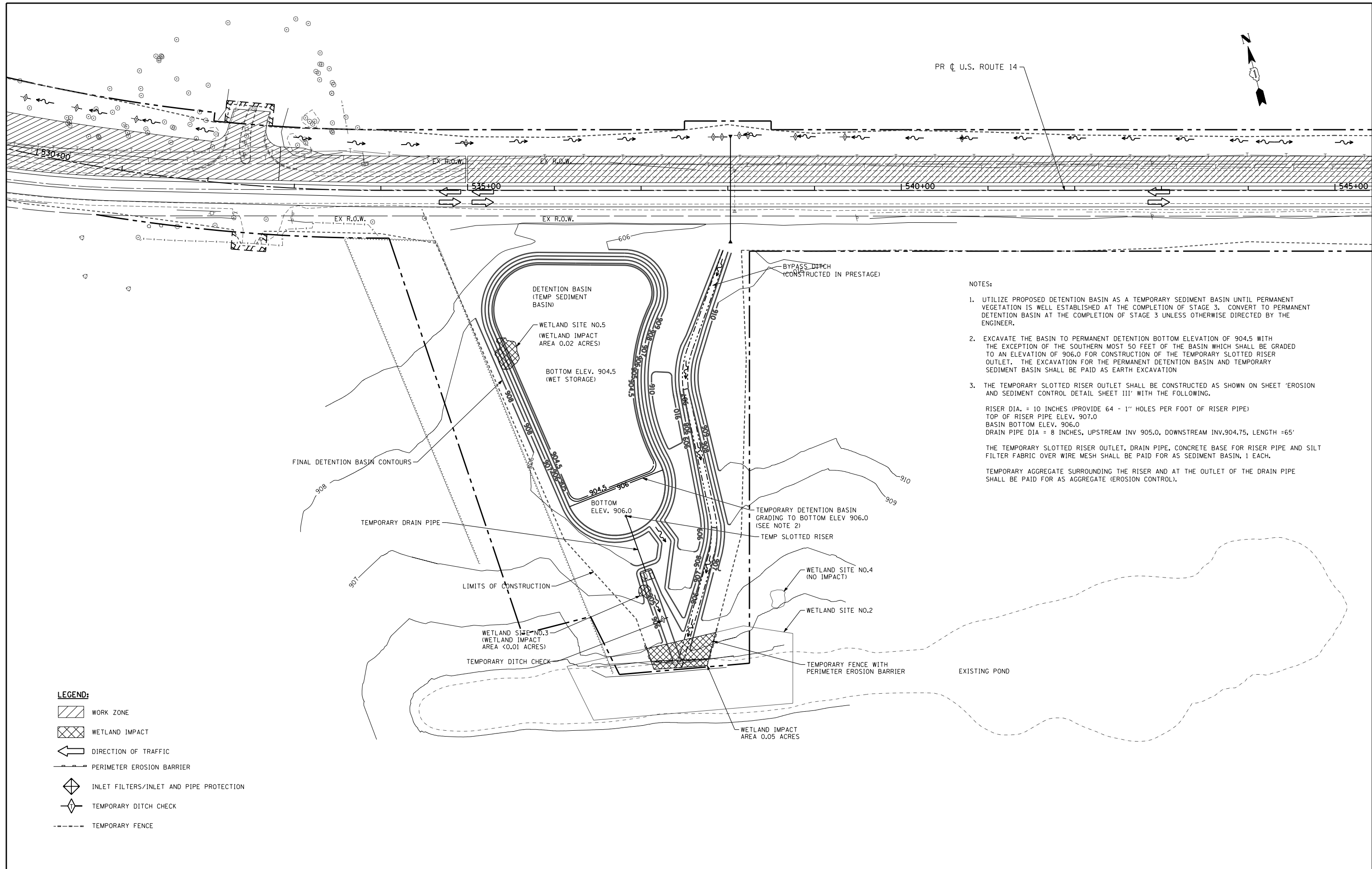
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 STAGE 1

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	PLOT DATE = 11/6/2013	DATE - 10/15/2013	REVISED -

SCALE: 1"=50' SHEET NO. 103 OF 431 SHEETS STA. 608+00 TO STA. 619+25.58

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	103
CONTRACT NO.			62517	
ILLINOIS FED. AID PROJECT				



- NOTES:
- UTILIZE PROPOSED DETENTION BASIN AS A TEMPORARY SEDIMENT BASIN UNTIL PERMANENT VEGETATION IS WELL ESTABLISHED AT THE COMPLETION OF STAGE 3. CONVERT TO PERMANENT DETENTION BASIN AT THE COMPLETION OF STAGE 3 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
  - EXCAVATE THE BASIN TO PERMANENT DETENTION BOTTOM ELEVATION OF 904.5 WITH THE EXCEPTION OF THE SOUTHERN MOST 50 FEET OF THE BASIN WHICH SHALL BE GRADED TO AN ELEVATION OF 906.0 FOR CONSTRUCTION OF THE TEMPORARY SLOTTED RISER OUTLET. THE EXCAVATION FOR THE PERMANENT DETENTION BASIN AND TEMPORARY SEDIMENT BASIN SHALL BE PAID AS EARTH EXCAVATION
  - THE TEMPORARY SLOTTED RISER OUTLET SHALL BE CONSTRUCTED AS SHOWN ON SHEET 'EROSION AND SEDIMENT CONTROL DETAIL SHEET III' WITH THE FOLLOWING.  
 RISER DIA. = 10 INCHES (PROVIDE 64 - 1" HOLES PER FOOT OF RISER PIPE)  
 TOP OF RISER PIPE ELEV. 907.0  
 BASIN BOTTOM ELEV. 906.0  
 DRAIN PIPE DIA = 8 INCHES, UPSTREAM INV 905.0, DOWNSTREAM INV.904.75, LENGTH =65'  
 THE TEMPORARY SLOTTED RISER OUTLET, DRAIN PIPE, CONCRETE BASE FOR RISER PIPE AND SILT FILTER FABRIC OVER WIRE MESH SHALL BE PAID FOR AS SEDIMENT BASIN, 1 EACH.  
 TEMPORARY AGGREGATE SURROUNDING THE RISER AND AT THE OUTLET OF THE DRAIN PIPE SHALL BE PAID FOR AS AGGREGATE (EROSION CONTROL).

**LEGEND:**

- WORK ZONE
- WETLAND IMPACT
- DIRECTION OF TRAFFIC
- PERIMETER EROSION BARRIER
- INLET FILTERS/INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- TEMPORARY FENCE

FILE NAME =	USER NAME = .USERNAME.	DESIGNED - AWM	REVISED -
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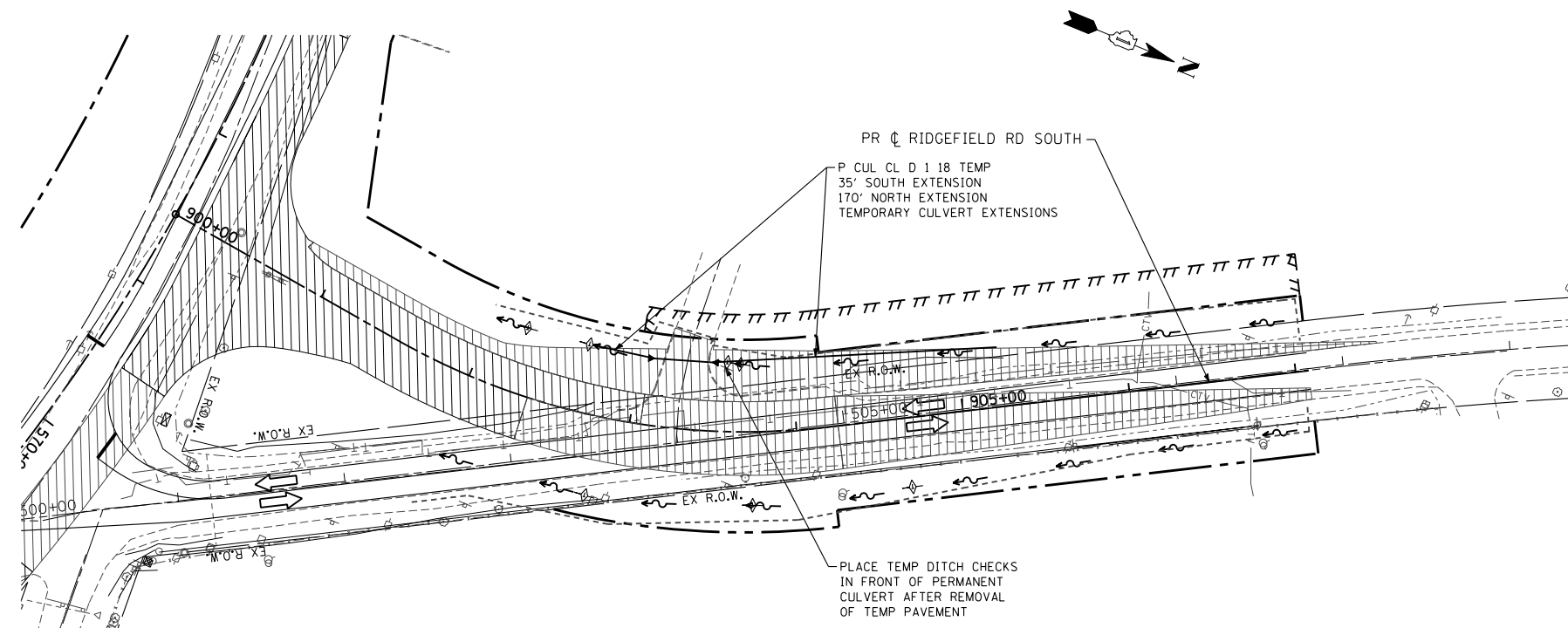
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 STAGE 1**

SCALE: 1"=50'      SHEET NO. 104 OF 431 SHEETS      STA. 520+00 TO STA. 550+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	104
CONTRACT NO.			62517	
ILLINOIS FED. AID PROJECT				

STAGE 1

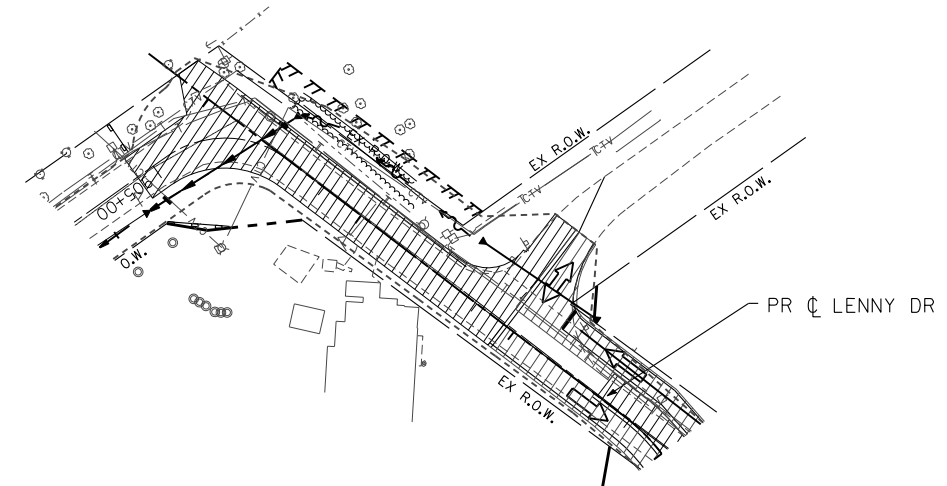


LEGEND:

- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- PERIMETER EROSION BARRIER
- INLET FILTERS/INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

STAGE 1



FILE NAME =	USER NAME = .USERNAME.	DESIGNED - AWM	REVISED -
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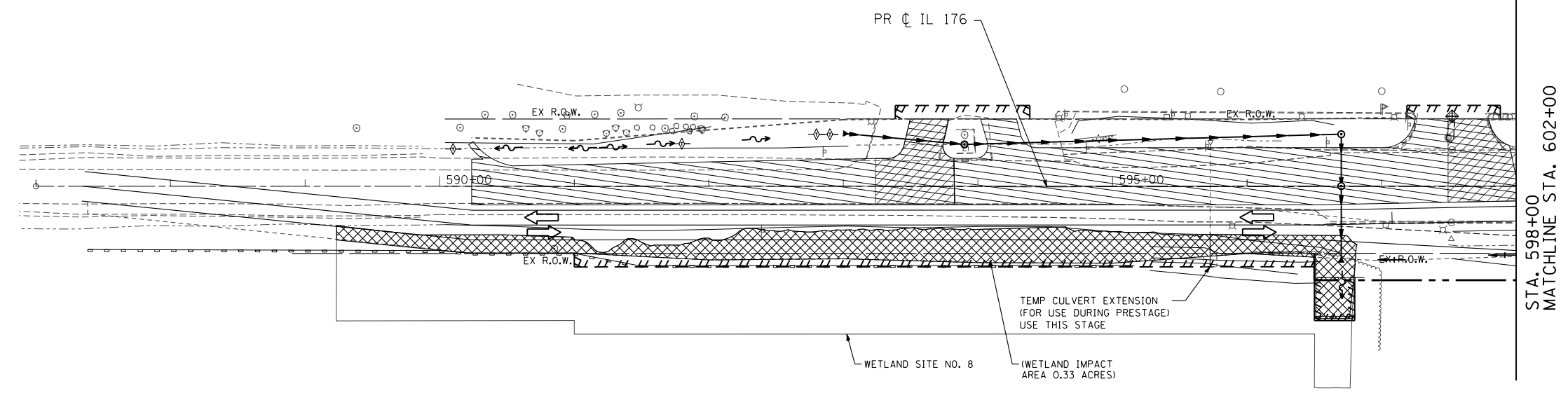
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN  
RIDGEFIELD RD SOUTH & LENNY DR STAGE 1

SCALE: 1"=50' SHEET NO. 105 OF 431 SHEETS STA. TO STA.

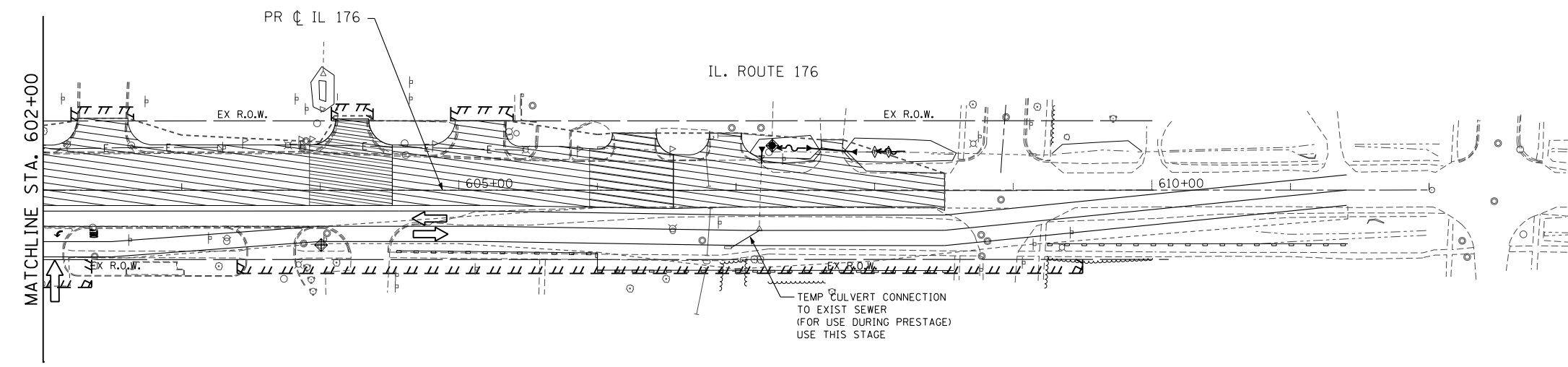
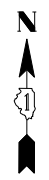
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	105
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 1



STA. 598+00  
MATCHLINE STA. 602+00

STAGE 1



MATCHLINE STA. 602+00

- LEGEND:**
- WORK ZONE
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - PERIMETER EROSION BARRIER
  - INLET FILTERS/INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

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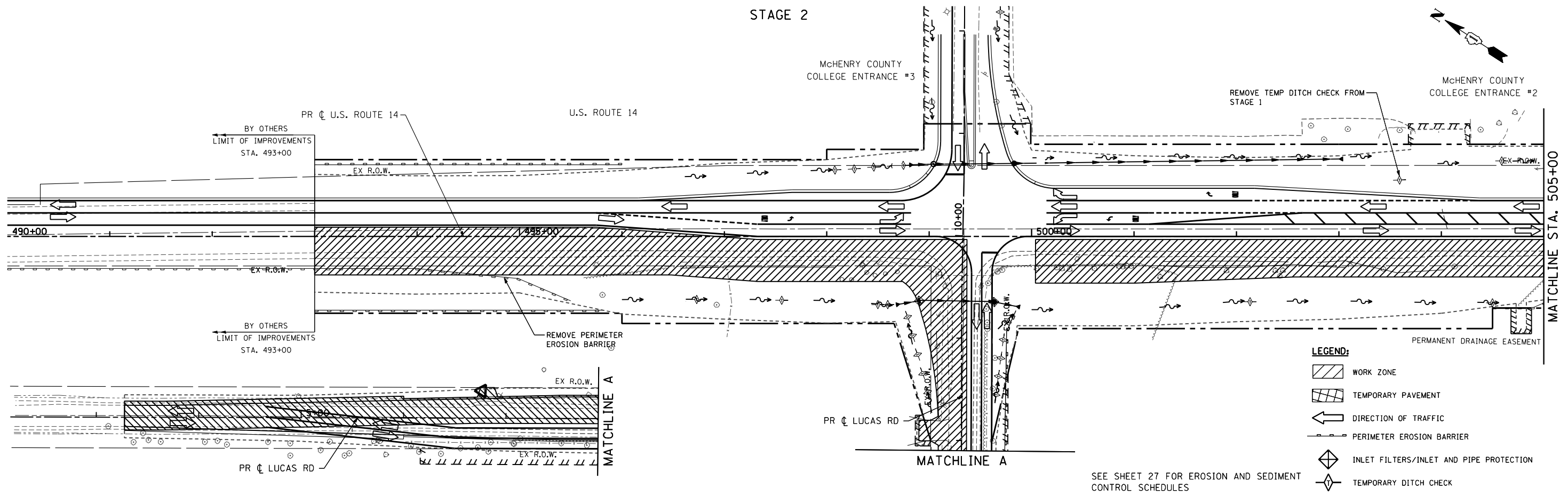
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
IL 176 STAGE 1**

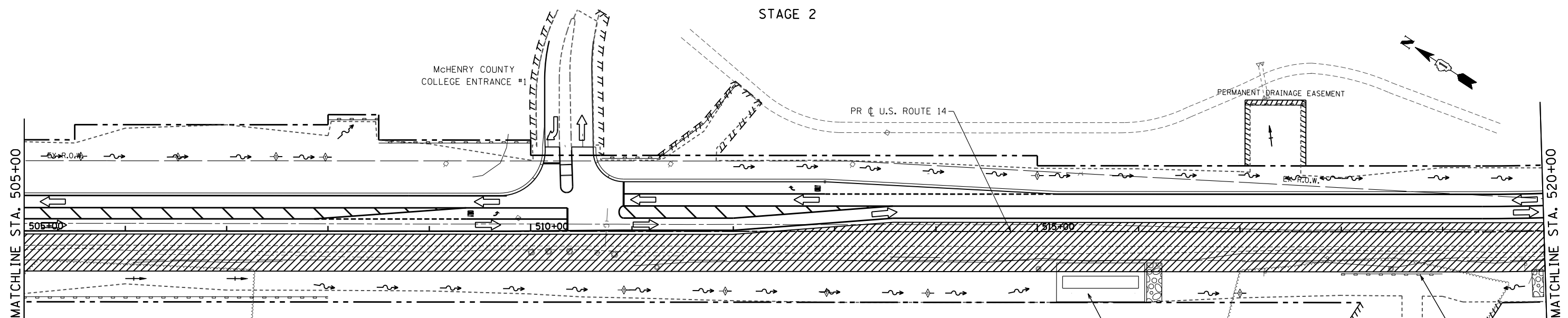
SCALE: 1"=50' SHEET NO. 106 OF 431 SHEETS STA. 590+23.80 TO STA. 608+50.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	106
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 2



STAGE 2



NOTES:

1. PLACE PERIMETER EROSION BARRIER PRIOR TO ANY EARTH DISTURBING OR GRADING ACTIVITIES.
  2. EXCAVATE THE PROPOSED DITCHES, COMPLETE EMBANKMENT/GRADING AND STABILIZE WITH PERMANENT LANDSCAPING MEASURES (SEEDING AND EROSION CONTROL BLANKET OR SOD -SEE LANDSCAPING PLANS) AS SOON AS POSSIBLE.
  3. PLACE TEMPORARY DITCH CHECKS AT THE LOCATIONS SHOWN ON THE PLANS.
  4. INSTALL INLET FILTERS IN ALL PROPOSED OPEN LID INLETS AND CATCH BASINS AND IN EXISTING OPEN LID DRAINAGE STRUCTURES THAT WILL RECEIVE SEDIMENT LADEN DISCHARGE AT THE DIRECTION OF THE ENGINEER (WITHIN OPEN AREAS). INSTALL INLET AND PIPE PROTECTION (SILT FENCE WITH CROSS BRACING) AT OPEN LID DRAINAGE STRUCTURES LOCATED IN DITCHES AND SWALES AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER
  5. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ERODABLE AREAS EARTH AREAS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AT THE DIRECTION OF THE ENGINEER.
  6. THE CONTRACTOR SHALL MAINTAIN TEMPORARY EROSION CONTROL ITEMS INSTALLED IN PRE-STAGE 1 AND STAGE 1 THAT DO NOT INTERFERE WITH STAGE 2 WORK (PRE-STAGE 1 ITEMS AND STAGE 1 ITEMS ARE SHOWN ON PLANS FOR REFERENCE).
- STAGE 3 NOTE (STAGE 3 CONSISTS OF THE CONSTRUCTION OF THE CENTER LANDSCAPED MEDIAN-NO SEPARATE EROSION AND SEDIMENT CONTROL PLANS):
- STABILIZE THE CENTER MEDIAN AS SHOWN ON THE LANDSCAPING PLANS. FOR AREAS WITH SEED USE TEMPORARY EROSION CONTROL BLANKET. INSTALL INLET FILTERS IN ANY OPEN LID DRAINAGE STRUCTURES CONSTRUCTED WITH THE MEDIAN. MAINTAIN THE INLET FILTERS (NEW OR CONSTRUCTED IN PREVIOUS STAGES) WITHIN THE PAVEMENT AREA UNTIL THE VEGETATION IN THE MEDIAN IS ESTABLISHED AT THE DIRECTION OF THE ENGINEER.

REDUCE WIDTH OF SEDIMENT TRAP CONSTRUCTED IN PRE-STAGE 1 TO AVOID CONFLICT WITH STAGE 2 WORK AT DIRECTION OF THE ENGINEER. REMOVE TRAP AT COMPLETION OF STAGE 2 AND GRADE DITCH AND SIDESLOPES TO FINAL CONFIGURATION.

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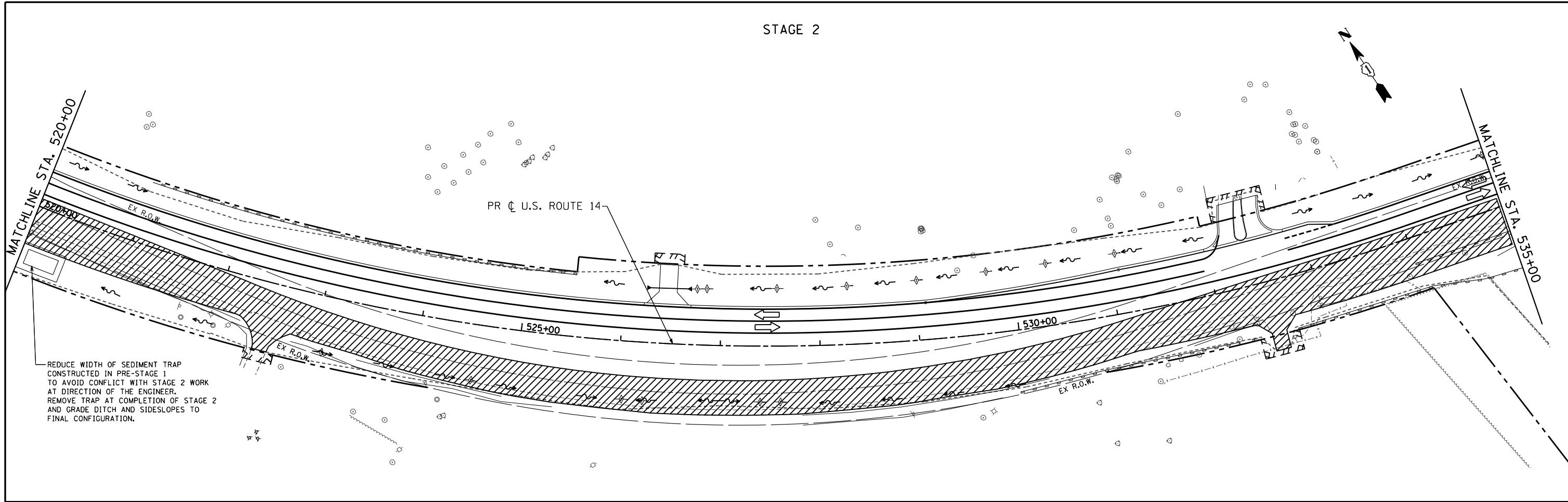
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 - STAGE 2

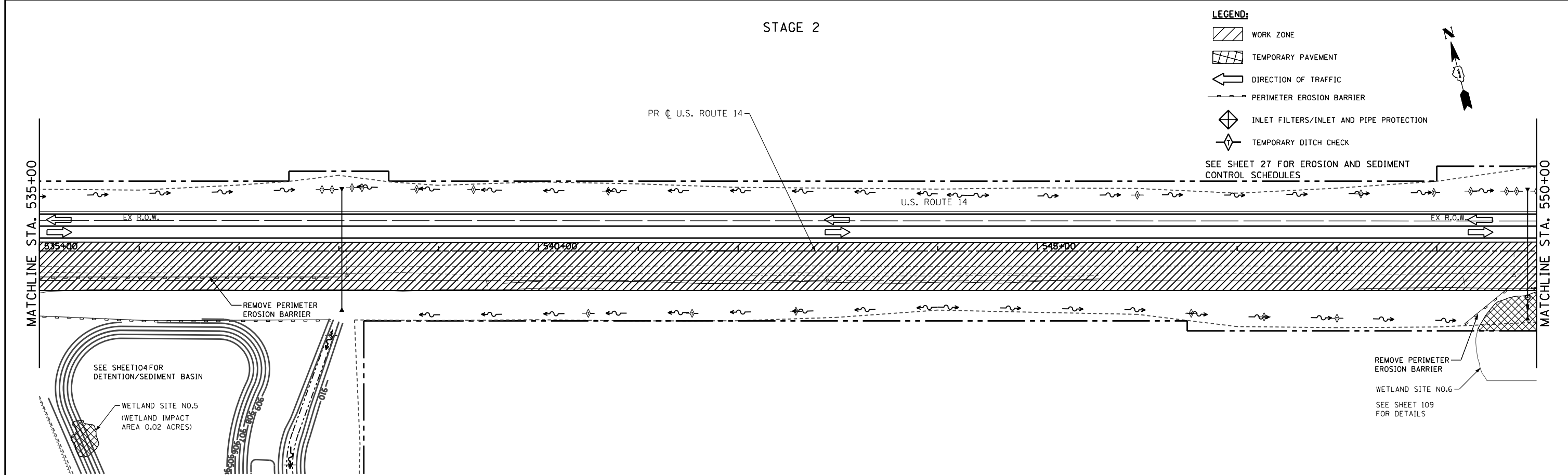
SCALE: 1"=50' SHEET NO. 107 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	107
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 2



STAGE 2



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

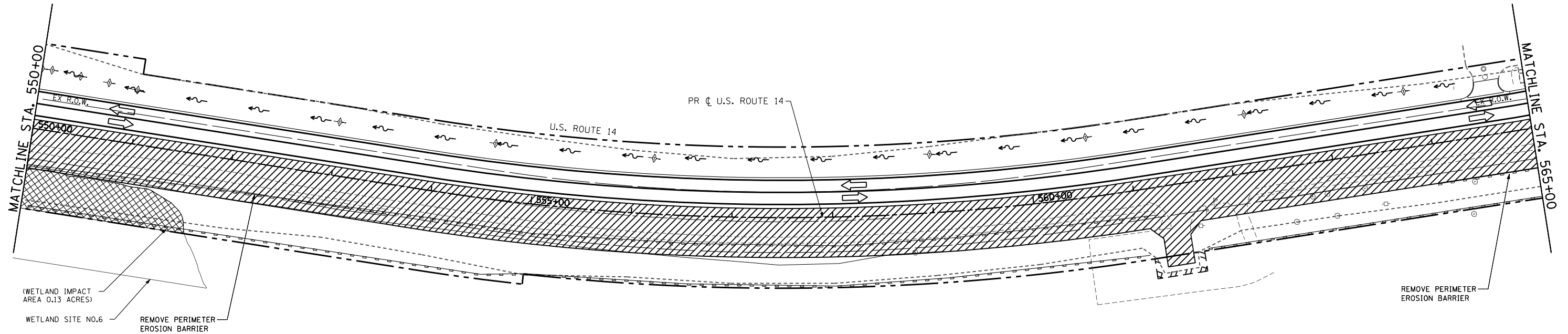
EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 - STAGE 2

SCALE: 1"=50' SHEET NO. 108 OF 431 SHEETS STA. 520+00 TO STA. 550+00

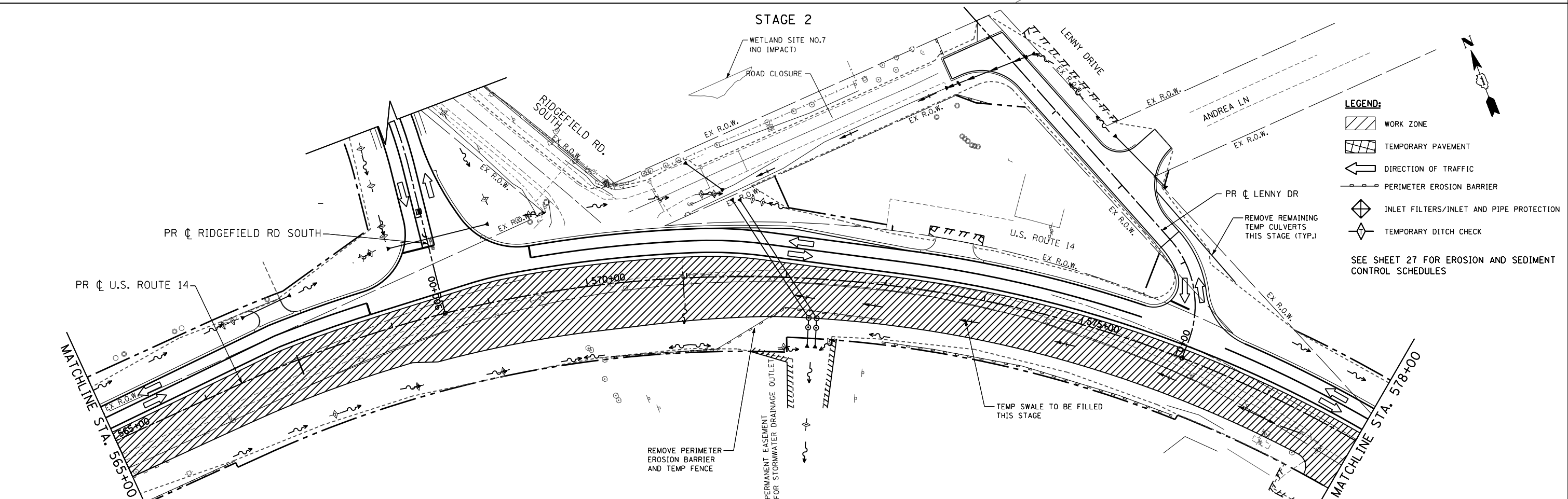
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	108
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	



STAGE 2



STAGE 2



- LEGEND:**
- WORK ZONE
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - PERIMETER EROSION BARRIER
  - INLET FILTERS/INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK
- SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

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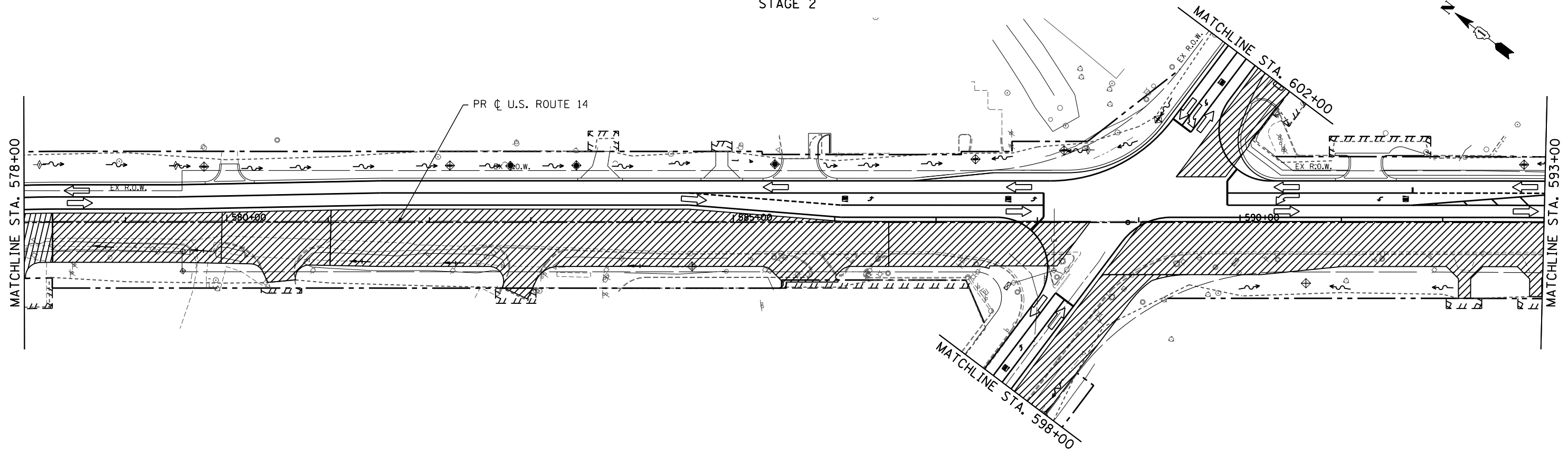
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 - STAGE 2**

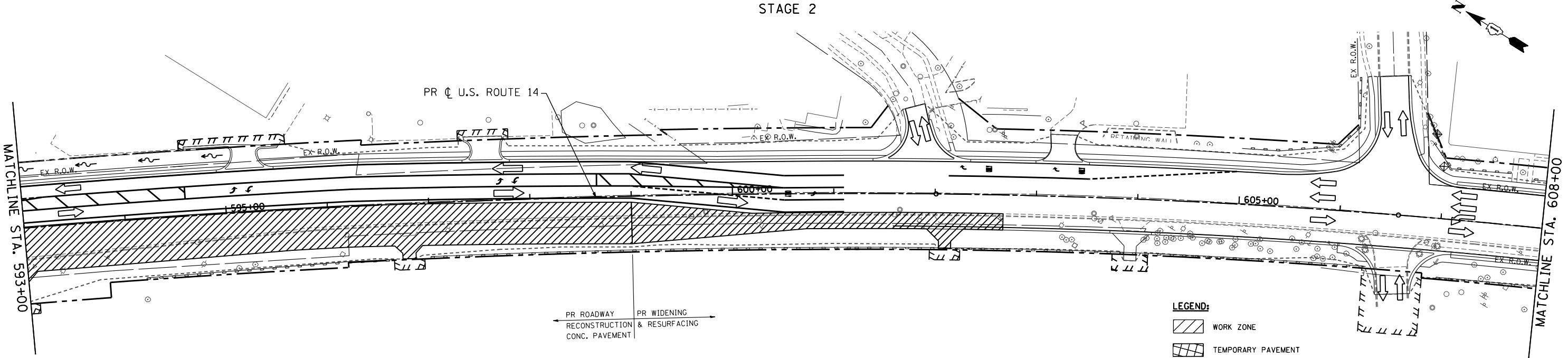
SCALE: 1"=50' SHEET NO. 109 OF 431 SHEETS STA. 550+00 TO STA. 578+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	109
			CONTRACT NO. 62517	
ILLINOIS FED. AID PROJECT				

STAGE 2



STAGE 2



PR ROADWAY RECONSTRUCTION CONC. PAVEMENT  
PR WIDENING & RESURFACING

- LEGEND:**
- WORK ZONE
  - TEMPORARY PAVEMENT
  - DIRECTION OF TRAFFIC
  - PERIMETER EROSION BARRIER
  - INLET FILTERS/INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK
- SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

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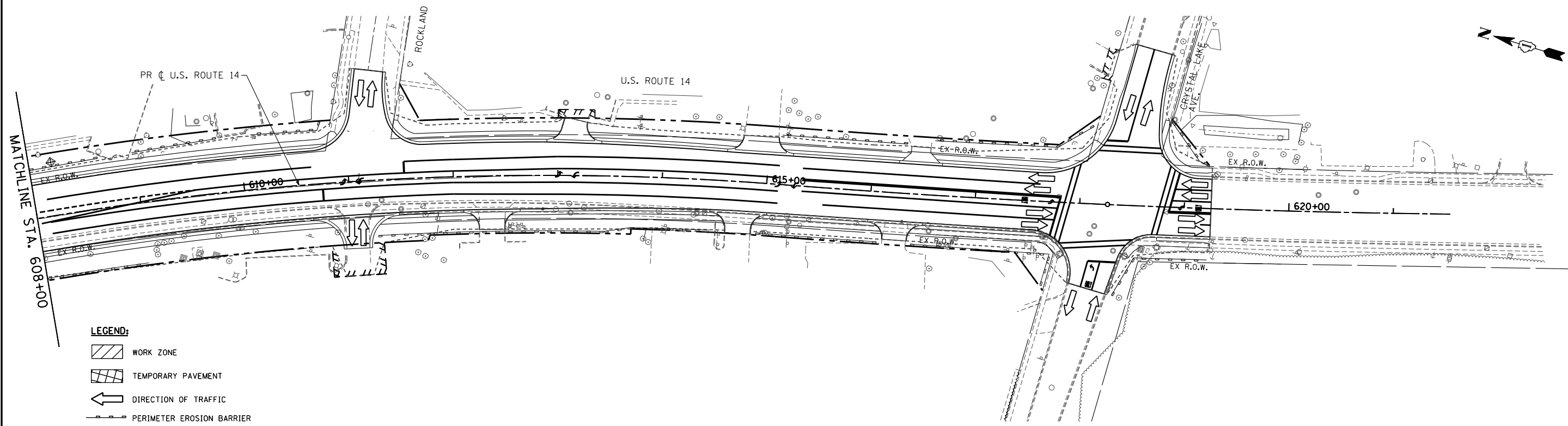
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 - STAGE 2**

SCALE: 1"=50'    SHEET NO. 110 OF 431 SHEETS    STA. 578+00 TO STA. 608+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	110
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

STAGE 2



**LEGEND:**

- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- PERIMETER EROSION BARRIER
- INLET FILTERS/INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

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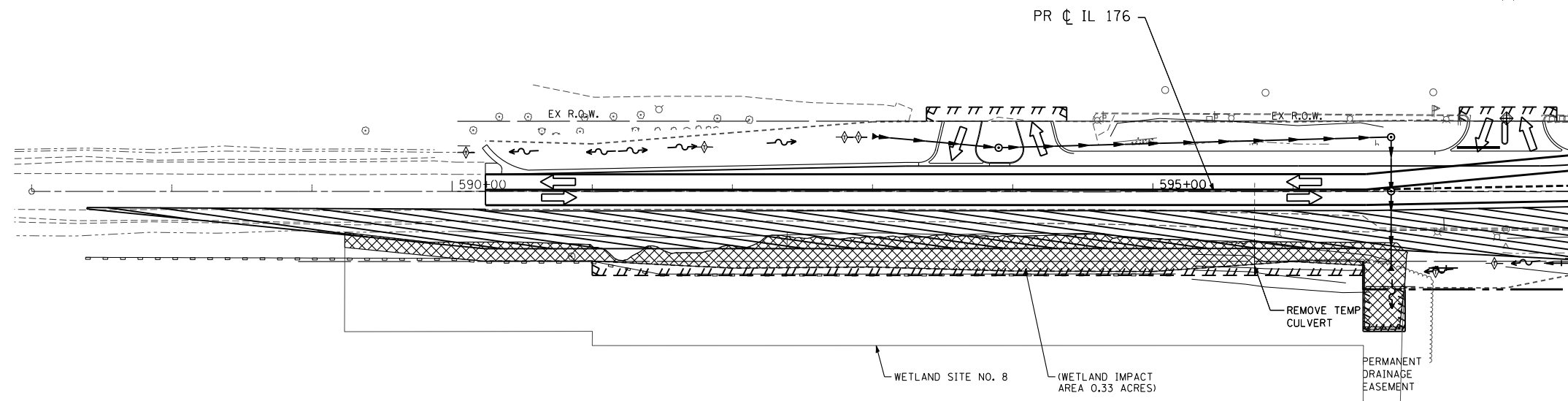
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
US ROUTE 14 - STAGE 2**

SCALE: 1"=50'      SHEET NO. 111 OF 431 SHEETS      STA. 608+00 TO STA. 619+25.58

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	111
<b>CONTRACT NO.</b>			<b>62517</b>	
ILLINOIS FED. AID PROJECT				

STAGE 2



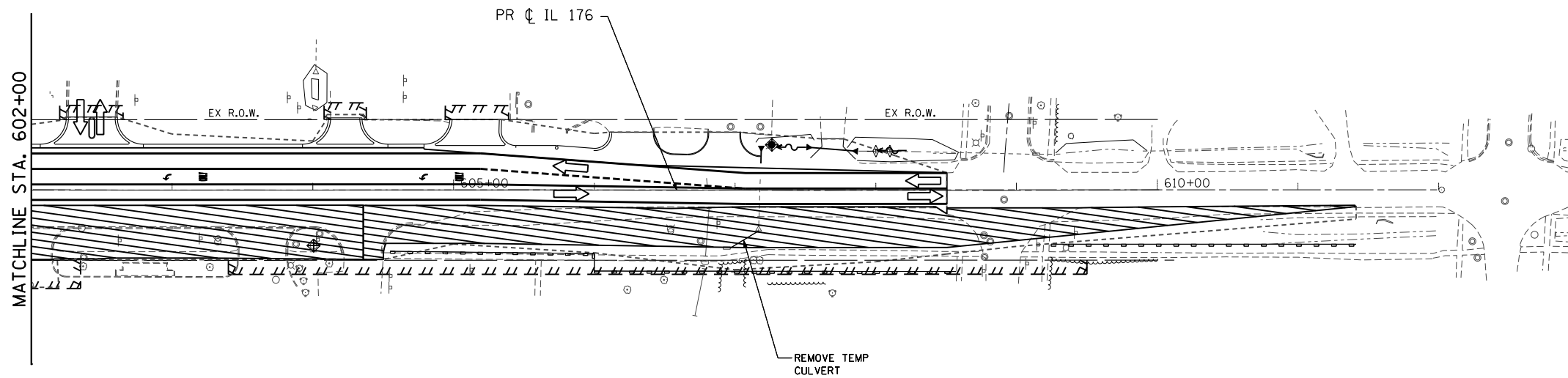
STA. 598+00  
MATCHLINE STA. 602+00

LEGEND:

- WORK ZONE
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC
- PERIMETER EROSION BARRIER
- INLET FILTERS/INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

SEE SHEET 27 FOR EROSION AND SEDIMENT CONTROL SCHEDULES

STAGE 2



FILE NAME =	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN  
IL 176 - STAGE 2**

SCALE: 1"=50'    SHEET NO. 112 OF 431 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	112
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

DRAINAGE STRUCTURE SCHEDULE

NO.	LOCATION		TYPE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET			(IN)	(IN)	(IN)	(OUT)
100	491+40	36.0 RT	CB TC T24F&G	932.22				928.76
101	491+40	43.5 RT	MAN TA 4 DIA T1F CL	932.47		928.74		928.74
102	493+00	36.0 RT	CB TC T24F&G	931.41				927.95
103	493+00	43.5 RT	MAN TA 4 DIA T1F CL	931.66	926.94	927.93		926.94
104	494+30	36.0 RT	CB TC T24F&G	930.75				927.29
105	494+30	43.5 RT	MAN TA 4 DIA T1F CL	931.00	926.36	927.27		926.11
106	495+60	36.0 RT	CB TC T24F&G	930.09				926.63
107	495+60	43.5 RT	MAN TA 4 DIA T1F CL	930.34	925.48	926.61		925.48
108	496+75	36.0 RT	CB TC T24F&G	929.51				926.05
109	496+75	43.5 RT	MAN TA 4 DIA T1F CL	929.76	924.93	926.03		924.93
110	497+85	36.0 RT	CB TC T24F&G	928.95				925.49
111	497+85	43.5 RT	MAN TA 5 DIA T1F CL	929.20	924.44	925.46		924.44
112	498+47	36.0 RT	CB TC T24F&G	928.63				925.17
113	498+47	43.5 RT	MAN TA 5 DIA T1F CL	928.89	924.01	925.15		924.01
114	501+15	43.5 RT	CB TC T24F&G	927.12				923.66
115	501+15	51.0 RT	MAN TA 5 DIA T1F CL	927.37	922.89	923.63		922.89
116	502+25	39.2 RT	CB TC T24F&G	926.65				923.19
117	502+25	46.7 RT	MAN TA 5 DIA T1F CL	926.90	922.36	923.14		921.94
118	503+50	38.0 RT	CB TC T24F&G	926.04				922.58
119	503+50	45.5 RT	MAN TA 5 DIA T1F CL	926.29	921.34	922.54		921.34
120	504+78	38.0 RT	CB TC T24F&G	925.39				921.93
121	504+78	45.5 RT	MAN TA 5 DIA T1F CL	925.64	920.73	921.89		920.73
122	504+78	74.0 RT	PRCF END S EL EORS 24	-				920.61
123	9+32.00	64.3 LT	PRCF END S EL EORS 18	-				923.37
124	9+36.36	42.1 LT	MAN TA 5 DIA T24F&G	926.90	923.27			923.27
125	9+36.55	31.7 RT	CB TA 5 DIA T24F&G	927.27	922.86			922.86
126	9+30.47	56.6 RT	PRCF END S EL EORS 18	-				922.70
127	9+13	34.6 LT	INLETS TA T24F&G	927.19				923.30
128	9+13	22.2 RT	INLETS TB T11F&G	927.85	923.06			923.06
129	8+00	22.0 LT	INLETS TB T11F&G	928.33	924.45			924.45
130	8+00	22.0 RT	INLETS TB T11F&G	928.33	924.27			924.27
131	7+00	20.6 RT	INLETS TA T11F&G	929.21				924.88

DRAINAGE SEWER SCHEDULE

SEWER NO.	TYPE	SIZE (INCH)	LENGTH (FEET)	SLOPE (%)
				(%)
100	STORM SEW CL A 2	12	4.5	0.44%
101	STORM SEW CL A 2	12	156.0	1.15%
102	STORM SEW CL A 2	12	4.5	0.44%
103	STORM SEW CL A 2	12	126.0	0.46%
104	STORM SEW CL A 2	12	4.5	0.44%
105	STORM SEW CL A 2	15	126.0	0.50%
106	STORM SEW CL A 2	12	4.5	0.44%
107	STORM SEW CL A 2	15	111.0	0.50%
108	STORM SEW CL A 2	12	4.5	0.44%
109	STORM SEW CL A 2	15	105.5	0.46%
110	STORM SEW CL A 2	12	4.0	0.75%
111	SS CL A 2 EORS 18	23X14	57.0	0.75%
112	STORM SEW CL A 1	12	4.0	0.50%
113	SS CL A 2 EORS 18	23X14	263.1	0.43%
114	STORM SEW CL A 2	12	4.0	0.75%
115	SS CL A 2 EORS 18	23X14	105.1	0.50%
116	STORM SEW CL A 2	12	4.0	1.25%
117	SS CL A 2 EORS 24	30X19	120.0	0.50%
118	STORM SEW CL A 2	12	4.0	1.00%
119	SS CL A 2 EORS 24	30X19	123.0	0.50%
120	STORM SEW CL A 2	12	4.0	1.00%
121	SS CL A 2 EORS 24	30X19	10.5	0.86%
122	SS CL A 2 EORS 18	23X14	15.0	0.67%
123	SS CL A 2 EORS 18	23X14	70.8	0.58%
124	SS CL A 2 EORS 18	23X14	17.4	0.75%
125	STORM SEW CL A 2	12	20.3	1.00%
126	STORM SEW CL A 2	12	54.6	0.44%
127	STORM SEW CL A 2	12	110.0	1.10%
128	STORM SEW CL A 1	12	40.6	0.45%
129	STORM SEW CL A 1	12	97.0	0.44%

DRAINAGE STRUCTURE SCHEDULE

NO.	LOCATION		TYPE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET			(IN)	(IN)	(IN)	(OUT)
200	491+40	36.0 LT	CB TC T24F&G	932.22				928.76
201	491+40	52.6 LT	MAN TA 4 DIA T1F CL	932.30		928.70		928.18
202	493+00	36.0 LT	CB TC T24F&G	931.41				927.95
203	493+00	52.6 LT	MAN TA 4 DIA T1F CL	931.49	927.40	927.89		927.40
204	494+30	36.0 LT	CB TC T24F&G	930.75				927.29
205	494+30	52.6 LT	MAN TA 4 DIA T1F CL	930.83	926.77	927.23		926.77
206	495+60	36.0 LT	CB TC T24F&G	930.09				926.63
207	495+60	52.6 LT	MAN TA 4 DIA T1F CL	930.17	926.14	926.57		925.87
208	496+75	39.1 LT	CB TC T24F&G	929.46				926.00
209	496+75	55.7 LT	MAN TA 4 DIA T1F CL	929.53	925.31	925.94		925.31
210	497+90	44.0 LT	CB TC T24F&G	928.76				925.30
211	497+90	60.6 LT	MAN TA 4 DIA T1F CL	928.84	924.76	925.24		924.76
212	498+58	44.0 LT	CB TC T24F&G	928.42				924.96
213	498+58	60.6 LT	MAN TA 4 DIA T1F CL	928.50	924.35	924.90		924.08
214	500+50	48.0 LT	CB TC T24F&G	927.30				923.84
215	500+50	64.6 LT	MAN TA 4 DIA T1F CL	927.38	923.10	923.78		923.10
216	501+55	48.0 LT	CB TC T24F&G	926.77				923.31
217	501+55	64.6 LT	MAN TA 4 DIA T1F CL	926.85	922.43	923.25		922.43
218	502+60	45.7 LT	CB TC T24F&G	926.29				922.83
219	502+60	64.0 LT	MAN TA 5 DIA T1F CL	926.33	921.88	922.76		921.78
220	503+70	39.7 LT	CB TA 4 DIA T24F&G	925.88				922.42
221	503+70	55.8 LT	MAN TA 5 DIA T1F CL	925.97	921.12	922.36		921.12
222	504+70	36.0 LT	CB TC T24F&G	925.47				922.01
223	504+70	52.1 LT	MAN TA 5 DIA T1F CL	925.56	920.42	921.95		920.42
224	505+60	36.0 LT	CB TC T24F&G	925.01				921.55
225	505+60	52.1 LT	MAN TA 5 DIA T1F CL	925.10	919.97	921.49		919.97
226	506+50	36.0 LT	CB TC T24F&G	924.55				921.09
227	506+50	52.1 LT	MAN TA 5 DIA T1F CL	924.64	919.52	921.03	919.00	919.00
228	507+60	36.0 LT	CB TC T24F&G	923.99				920.53
229	507+60	52.6 LT	MAN TA 4 DIA T1F CL	924.07		920.47		919.57
230	506+50	70.0 LT	PRCF END S EL EORS 24	-				918.63
231	11+64	24.0 LT	INLETS TA T24F&G	927.93				924.66
232	11+64	26.2 RT	INLETS TB T24F&G	928.05		924.45		924.45
233	11+05	32.6 LT	INLETS TA T8G	927.40				923.53
234	10+97	24.0 LT	INLETS TB T24F&G	927.22		923.48		923.48
235	10+97	38.2 RT	INLETS TB T24F&G	927.15		924.16		923.21
236	10+69.18	53.3 LT	PRCF END S EL EORS 18	-				923.48
237	10+68.80	29.9 LT	MAN TA 5 DIA T24F&G	927.10	923.40			923.40
238	10+70.12	48.7 RT	CB TA 5 DIA T24F&G	927.00	923.10			923.10
239	503+00	75.7 LT	PRCF END S EL EORS 18	-				921.67

DRAINAGE SEWER SCHEDULE

SEWER NO.	TYPE	SIZE (INCH)	LENGTH (FEET)	SLOPE (%)
				(%)
200	STORM SEW CL A 1	12	13.6	0.44%
201	STORM SEW CL A 2	12	156.0	0.50%
202	STORM SEW CL A 1	12	13.6	0.44%
203	STORM SEW CL A 2	12	126.0	0.50%
204	STORM SEW CL A 1	12	13.6	0.44%
205	STORM SEW CL A 2	12	126.0	0.50%
206	STORM SEW CL A 1	12	13.6	0.44%
207	STORM SEW CL A 1	15	111.0	0.50%
208	STORM SEW CL A 1	12	13.6	0.44%
209	STORM SEW CL A 1	15	111.0	0.50%
210	STORM SEW CL A 1	12	13.6	0.44%
211	STORM SEW CL A 1	15	64.0	0.64%
212	STORM SEW CL A 1	12	13.6	0.44%
213	STORM SEW CL A 1	18	188.0	0.52%
214	STORM SEW CL A 1	12	13.6	0.44%
215	STORM SEW CL A 1	18	101.0	0.66%
216	STORM SEW CL A 1	12	13.6	0.44%
217	STORM SEW CL A 1	18	100.5	0.55%
218	STORM SEW CL A 1	12	14.9	0.44%
219	SS CL A 1 EORS 24	30X19	105.3	0.63%
220	STORM SEW CL A 1	12	12.6	0.44%
221	SS CL A 2 EORS 24	30X19	95.1	0.74%
222	STORM SEW CL A 1	12	12.6	0.44%
223	SS CL A 2 EORS 24	30X19	85.0	0.53%
224	STORM SEW CL A 1	12	12.6	0.44%
225	SS CL A 2 EORS 24	30X19	85.0	0.53%
226	STORM SEW CL A 1	12	12.6	0.44%
227	STORM SEW CL A 2	12	105.5	0.54%
228	STORM SEW CL A 1	12	13.6	0.44%
229	SS CL A 1 EORS 24	30X19	12.4	2.98%
230	STORM SEW CL A 1	12	47.7	0.44%
231	STORM SEW CL A 1	12	65.0	0.45%
232	STORM SEW CL A 1	12	8.9	0.56%
233	STORM SEW CL A 1	12	59.8	0.45%
234	STORM SEW CL A 1	12	25.0	0.44%
235	SS CL A 1 EORS 18	23X14	13.0	0.62%
236	SS CL A 1 EORS 18	23X14	75.0	0.40%
237	SS CL A 1 EORS 18	23X14	308.0	0.46%

DRAINAGE STRUCTURE SCHEDULE

NO.	LOCATION		TYPE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET			(IN)	(IN)	(IN)	(OUT)
300	505+98	38.0 RT	CB TC T24F&G	924.78				921.58
301	505+98	00.0 RT	MAN TA 4 DIA T1F CL	925.85	921.42			921.42
302	507+18	38.0 RT	CB TC T24F&G	924.17				920.97
303	507+18	00.0 RT	MAN TA 4 DIA T24F&G	924.84	920.84	920.81		920.81
304	508+38	38.0 RT	CB TC T24F&G	923.56				920.36
305	508+38	00.0 RT	MAN TA 4 DIA T1F CL	924.25	920.23	920.20		920.20
306	509+58	38.0 RT	CB TC T24F&G	922.95				919.75
307	509+58	00.0 RT	MAN TA 4 DIA T1F CL	923.63	919.62	919.59		919.59
308	510+78	38.0 RT	CB TC T24F&G	922.34				918.88
309	510+78	00.0 RT	MAN TA 4 DIA T1F CL	923.53	919.01	918.72		918.72
310	511+98	38.0 RT	CB TC T24F&G	921.73				918.28
311	511+98	00.0 RT	MAN TA 4 DIA T1F CL	922.92	918.14	918.12		918.12
312	513+18	38.0 RT	CB TC T24F&G	921.12				917.92
313	513+18	00.0 RT	MAN TA 4 DIA T1F CL	922.31	917.54	917.51		917.51
314	514+38	38.0 RT	CB TC T24F&G	920.51				917.06
315	514+38	00.0 RT	MAN TA 5 DIA T1F CL	921.70	916.93	916.90		916.90
316	515+58	38.0 RT	CB TC T24F&G	919.90				916.54
317	515+58	00.0 RT	MAN TA 5 DIA T1F CL	921.09	916.36	916.37		916.36
318	516+78	38.0 RT	CB TC T24F&G	919.29				915.92
319	516+78	00.0 RT	MAN TA 5 DIA T1F CL	920.48	915.78	915.75		915.75
320	517+63.93	38.0 RT	CB TC T24F&G	918.85				915.39
321	517+63.93	00.0 RT	MAN TA 5 DIA T1F CL	919.59	915.18	915.22		915.18
322	518+70	00.0 RT	MAN TA 5 DIA T1F CL	919.25	914.77			914.74
323	518+70	73.0 RT	PRCF END S EL EQRS 18	-				914.48

DRAINAGE SEWER SCHEDULE

SEWER NO.	TYPE	SIZE (INCH)	LENGTH (FEET)	SLOPE (%)
301	STORM SEW CL A 2	12	116.0	0.50%
302	STORM SEW CL A 1	12	35.0	0.46%
303	STORM SEW CL A 1	12	116.0	0.50%
304	STORM SEW CL A 1	12	35.0	0.46%
305	STORM SEW CL A 1	12	116.0	0.50%
306	STORM SEW CL A 1	12	35.0	0.46%
307	STORM SEW CL A 2	12	116.0	0.50%
308	STORM SEW CL A 1	12	35.0	0.46%
309	STORM SEW CL A 2	15	116.0	0.50%
310	STORM SEW CL A 1	12	35.0	0.46%
311	STORM SEW CL A 2	15	116.0	0.50%
312	STORM SEW CL A 1	12	35.0	1.17%
313	STORM SEW CL A 2	15	115.5	0.50%
314	STORM SEW CL A 1	12	34.5	0.46%
315	SS CL A 2 EQRS 18	23X14	115.0	0.47%
316	STORM SEW CL A 1	12	34.5	0.50%
317	SS CL A 2 EQRS 18	23X14	115.0	0.50%
318	STORM SEW CL A 1	12	34.5	0.50%
319	SS CL A 2 EQRS 18	23X14	80.9	0.70%
320	STORM SEW CL A 1	12	34.5	0.49%
321	SS CL A 2 EQRS 18	23X14	101.1	0.40%
322	SS CL A 2 EQRS 18	23X14	64.5	0.40%

DRAINAGE STRUCTURE SCHEDULE

NO.	LOCATION		TYPE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET			(IN)	(IN)	(IN)	(OUT)
400	508+80	36.0 LT	CB TC T24F&G	923.38				919.88
401	508+80	55.7 LT	MAN TA 4 DIA T1F CL	923.40		919.73		918.82
402	509+77	37.2 LT	CB TA 4 DIA T24F&G	922.85		918.98		918.98
403	509+77	64.5 LT	MAN TA 4 DIA T1F CL	922.73	918.35	918.75		918.35
404	509+92	42.0 LT	INLETS TA T24F&G	922.80				919.09
405	511+35	50.0 LT	CB TC T24F&G	921.77				918.29
406	511+35	71.4 LT	MAN TA 4 DIA T1F CL	921.73	917.42	918.20		917.42
407	512+35	50.0 LT	CB TC T24F&G	921.24				917.78
408	512+35	57.5 LT	MAN TA 4 DIA T1F CL	921.50	916.93	917.76		916.66
409	513+35	47.7 LT	CB TC T24F&G	920.79				917.33
410	513+35	55.2 LT	MAN TA 4 DIA T1F CL	921.56	916.18	917.30		916.18
411	514+45	42.0 LT	CB TC T24F&G	920.37				916.91
412	514+45	49.4 LT	MAN TA 4 DIA T1F CL	921.18	915.65	916.89		915.65
413	515+70	38.0 LT	CB TC T24F&G	919.84				916.38
414	515+70	45.5 LT	MAN TA 4 DIA T1F CL	920.09	915.04	916.36		914.77
415	516+90	38.0 LT	CB TC T24F&G	919.23				915.77
416	516+90	45.5 LT	MAN TA 4 DIA T1F CL	919.48	914.19	915.75		914.19
417	518+10	38.0 LT	CB TC T24F&G	918.64				915.18
418	518+10	45.5 LT	MAN TA 4 DIA T1F CL	918.65	913.61	915.16		913.61
419	519+60	39.0 LT	CB TA 4 DIA T24F&G	917.43	914.07			914.07
420	519+60	47.5 LT	MAN TA 5 DIA T1F CL	917.67	912.88	914.05		912.34
421	519+60	10.0 RT	INLETS TA T24F&G	918.65				914.94
422	521+50	39.0 LT	CB TA 4 DIA T24F&G	916.22	912.85			912.85
423	521+50	47.5 LT	MAN TA 5 DIA T1F CL	917.43	911.44	912.83		911.44
424	521+50	10.0 RT	INLETS TA T24F&G	917.76				914.05
425	523+25	39.0 LT	CB TA 4 DIA T24F&G	915.33	911.96			911.96
426	523+25	47.5 LT	MAN TA 5 DIA T1F CL	915.58	910.38	911.86		910.38
427	523+25	10.0 RT	INLETS TA T24F&G	916.87				913.16
428	524+77	39.0 LT	CB TA 4 DIA T24F&G	914.57	911.20			911.20
429	524+77	47.5 LT	MAN TA 5 DIA T1F CL	914.82	909.62	911.10		909.62
430	524+77	10.0 RT	INLETS TA T24F&G	916.11				912.40
431	525+37	39.0 LT	CB TA 4 DIA T24F&G	914.46	911.09			911.09
432	525+37	47.5 LT	MAN TA 5 DIA T1F CL	914.71	909.48	910.99		909.48
433	525+37	10.0 RT	INLETS TA T24F&G	916.00				912.29
434	526+17	39.0 LT	CB TA 4 DIA T24F&G	914.66	909.61			909.61
435	526+17	47.5 LT	MAN TA 5 DIA T1F CL	914.91	909.19	909.59		908.66
436	526+17	09.0 RT	INLETS TB T24F&G	916.20	910.69			910.69
437	526+17	58.5 RT	INLETS TA T8G	914.00				910.92
438	527+50	39.0 LT	CB TA 4 DIA T24F&G	915.87	910.82			910.82
439	527+50	47.5 LT	MAN TA 5 DIA T1F CL	916.12	908.25	910.80		908.25
440	527+50	09.0 RT	INLETS TB T24F&G	917.41	912.35			912.35
441	527+50	55.8 RT	INLETS TA T8G	916.05				912.92
442	532+10	4.0 LT	CB TC T24F&G	920.14				916.43
443	529+40	45.7 LT	MAN TA 5 DIA T1F CL	918.82	907.70			907.70
444	533+60	39.0 LT	CB TA 4 DIA T24F&G	917.52	914.15			914.15
445	532+10	52.9 LT	MAN TA 5 DIA T1F CL	919.31	906.93	915.31		906.93
446	533+60	10.0 RT	INLETS TA T24F&G	918.96				915.25
447	534+70	39.0 LT	CB TA 4 DIA T24F&G	915.90	912.52			912.52
448	533+60	47.5 LT	MAN TA 5 DIA T1F CL	918.10	906.57	914.05		906.57
449	534+70	10.0 RT	INLETS TA T24F&G	916.97				913.26
450	534+70	47.5 LT	MAN TA 5 DIA T1F CL	916.61	912.42	906.26		906.26
451	535+40	47.5 LT	MAN TA 6 DIA T1F CL	915.49				906.10
452	535+40	46.5 RT	MAN TA 7 DIA T1F CL	915.76	905.31	905.31		905.31
453	536+00	38.0 LT	INLETS TA T24F&G	914.37				910.66
454	536+00	39.0 RT	CB TA 4 DIA T24F&G	914.37	909.33			909.33
455	536+00	47.5 RT	MAN TA 5 DIA T1F CL	914.62	905.40	909.21		905.40
456	537+29	38.0 LT	INLETS TA T24F&G	913.23				909.52
457	537+29	39.0 RT	CB TA 4 DIA T24F&G	913.23	908.19			908.19
458	537+29	47.5 RT	MAN TA 5 DIA T1F CL	913.48	905.88	908.07		905.60
459	538+10	38.0 LT	INLETS TA T24F&G	913.03				909.32
460	538+10	39.0 RT	CB TA 4 DIA T24F&G	913.03	907.99			907.99
461	538+10	47.0 RT	MAN TA 4 DIA T1F CL	913.28	907.79	907.87		906.14
462	538+50	38.0 LT	INLETS TA T24F&G	913.07				909.36
463	538+50	39.0 RT	CB TA 4 DIA T24F&G	913.07	908.03			908.03
464	538+50	47.0 RT	MAN TA 4 DIA T1F CL	913.32	908.24	907.99		907.97
465	538+91	38.0 LT	INLETS TA T24F&G	913.23				909.52
466	538+91	39.0 RT	CB TA 4 DIA T24F&G	913.23	909.18			909.18
467	538+91	47.0 RT	MAN TA 4 DIA T1F CL	913.48	908.43	909.16		908.43
468	540+20	38.0 LT	INLETS TA T24F&G	913.87				910.16
469	540+20	39.0 RT	CB TA 4 DIA T24F&G	913.87	909.79			909.79
470	540+20	47.0 RT	MAN TA 4 DIA T1F CL	914.12	909.33	909.77		909.06
471	541+45	38.0 LT	INLETS TA T24F&G	914.49				910.78
472	541+45	39.0 RT	CB TA 4 DIA T24F&G	914.49	910.41			910.41
473	541+45	47.0 RT	MAN TA 4 DIA T1F CL	914.74		910.39		909.94
474	535+54.30	91.0 RT	PRC FLAR END SEC 30	-	905.13			905.10
475	536+88	390.5 RT	PRC FLAR END SEC 15	-	905.00			905.03
476	536+92.1	401.9 RT	MAN TA 4 DIA T8G	907.50	904.95			904.93
477	537+05.6	439.6 RT	PRC FLAR END SEC 15	-	904.77			904.74

DRAINAGE SEWER SCHEDULE

SEWER NO.	TYPE	SIZE (INCH)	LENGTH (FEET)	SLOPE (%)
401	STORM SEW CL A 2	12	93.4	0.50%
402	STORM SEW CL A 2	12	22.4	1.03%
403	STORM SEW CL A 2	12	12.1	0.91%
404	STORM SEW CL A 2	12	154.2	0.60%
405	STORM SEW CL A 2	12	18.4	0.50%
406	STORM SEW CL A 2	12	97.0	0.50%
407	STORM SEW CL A 2	12	4.5	0.50%
408	STORM SEW CL A 2	15	96.0	0.50%
409	STORM SEW CL A 2	12	4.5	0.60%
410	STORM SEW CL A 2	15	106.1	0.50%
411	STORM SEW CL A 2	12	4.5	0.50%
412	STORM SEW CL A 2	15	121.1	0.50%
413	STORM SEW CL A 2	12	4.5	0.50%
414	STORM SEW CL A 2	18	116.0	0.50%
415	STORM SEW CL A 2	12	4.5	0.50%
416	STORM SEW CL A 2	18	116.0	0.50%
417	STORM SEW CL A 2	12	4.5	0.50%
418	STORM SEW CL A 2	18	145.1	0.50%
419	STORM SEW CL A 2	12	4.0	0.50%
420	STORM SEW CL A 2	12	46.0	1.90%
421	STORM SEW CL A 2	24	180.4	0.50%
422	STORM SEW CL A 2	12	4.0	0.60%
423	STORM SEW CL A 2	12	46.0	2.60%
424	STORM SEW CL A 2	24	144.5	0.64%
424	STORM SEW WM REQ	24	21.3	0.64%
425	STORM SEW CL A 2	12	4.0	2.50%
426	STORM SEW CL A 2	12	46.0	2.60%
427	STORM SEW CL A 2	24	143.4	0.53%
428	STORM SEW CL A 2	12	4.0	2.50%
429	STORM SEW CL A 2	12	46.0	2.60%
430	STORM SEW CL A 2	24	53.6	0.26%
431	STORM SEW CL A 2	12	4.0	2.50%
432	STORM SEW CL A 2	12	46.0	2.60%
433	STORM SEW CL A 2	24	73.1	0.40%
434	STORM SEW CL A 2	12	4.0	0.50%
435	STORM SEW CL A 2	12	45.0	2.40%
436	STORM SEW CL A 2	12	46.5	0.50%
437	STORM SEW CL A 2	30	124.8	0.33%
438	STORM SEW CL A 2	12	4.0	0.50%
439	STORM SEW CL A 2	15	45.0	3.40%
440	STORM SEW CL A 2	12	43.8	1.30%
441	STORM SEW CL A 2	30	180.5	0.30%
442	STORM SEW CL A 2	30	258.0	0.30%
443	STORM SEW CL A 2	12	41.4	2.70%
444	STORM SEW CL A 2	30	141.4	0.25%
445	STORM SEW CL A 2	12	4.0	2.50%
446	STORM SEW CL A 2	12	46.0	2.40%
447	STORM SEW CL A 2	30	104.0	0.30%
448	STORM SEW CL A 2	12	4.0	2.50%
449	STORM SEW CL A 2	12	46.0	1.60%
450	STORM SEW CL A 2	30	64.5	0.25%
451	STORM SEW CL A 2	30	87.0	0.91%
452	STORM SEW CL A 2	30	37.1	0.49%
453	STORM SEW CL A 2	12	74.0	1.80%
454	STORM SEW CL A 2	12	4.0	3.00%
455	STORM SEW CL A 2	24	54.0	0.17%
456	STORM SEW CL A 2	12	74.0	1.80%
457	STORM SEW CL A 2	12	4.0	3.00%
458	STORM SEW CL A 2	24	124.0	0.16%
459	STORM SEW CL A 2	12	74.0	1.80%
460	STORM SEW CL A 2	12	4.0	3.00%
461	STORM SEW CL A 2	18	76.5	0.34%
462	STORM SEW CL A 2	12	74.0	1.80%
463	STORM SEW CL A 2	12	4.0	0.90%
464	STORM SEW CL A 2	18	36.0	0.50%
465	STORM SEW CL A 2	12	74.0	0.50%
466	STORM SEW CL A 2	12	4.0	0.50%
467	STORM SEW CL A 2	15	37.0	0.50%
468	STORM SEW CL A 2	12	74.0	0.50%
469	STORM SEW CL A 2	12	4.0	0.50%
470	STORM SEW CL A 2	15	125.0	0.50%
471	STORM SEW CL A 2	12	74.0	0.50%
472	STORM SEW CL A 2	12	4.0	0.50%
473	STORM SEW CL A 2	12	121.0	0.50%
474	STORM SEW CL A 2	15	4.0	0.50%
475	STORM SEW CL A 2	15	32.0	0.50%

DRAINAGE STRUCTURE SCHEDULE

NO.	LOCATION		TYPE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET			(IN)	(IN)	(IN)	(OUT)
500	544+70	38.0 LT	INLETS TA T24F&G	914.24				910.53
501	544+70	39.0 RT	CB TA 4 DIA T24F&G	914.24	909.03			909.03
502	544+70	47.0 RT	MAN TA 4 DIA T1F CL	914.46	908.62	909.01		908.62
503	546+15	38.0 LT	INLETS TA T24F&G	913.25				909.54
504	546+15	39.0 RT	CB TA 4 DIA T24F&G	913.25	908.04			908.04
505	546+15	47.0 RT	MAN TA 4 DIA T1F CL	913.47	907.91	908.02		907.37
506	547+60	38.0 LT	INLETS TA T24F&G	912.27				908.56
507	547+60	39.0 RT	CB TA 4 DIA T24F&G	912.27	907.06			907.06
508	547+60	47.0 RT	MAN TA 4 DIA T1F CL	912.49	906.95	907.04		906.95
509	549+05	38.0 LT	INLETS TA T24F&G	911.29				907.58
510	549+05	39.0 RT	CB TA 4 DIA T24F&G	911.29	906.55			906.55
511	549+05	47.0 RT	MAN TA 4 DIA T1F CL	911.51	906.53	906.53		906.53
512	549+73.50	47.0 RT	MH TA 6D W/2 T1FCL RP	911.02	906.32	906.32		906.32
513	549+73.50	56.5 RT	MAN TA 5 DIA T1F CL	910.83	906.36			906.36
514	548+00	54.5 RT	MAN TA 5 DIA T1F CL	912.07				907.23
515	549+91	47.0 RT	MAN TA 5 DIA T1F CL	910.93	906.12	906.16		906.12
516	549+99	47.0 RT	MAN TA 5 DIA T1F CL	910.88	906.07			906.07
517	550+09	47.0 RT	MH TA 6D W/2 T1FCL RP	910.82	906.09	906.09		906.09
518	550+09	56.5 RT	MAN TA 7 DIA T1F CL	910.63	906.10			906.10
519	552+50	56.5 RT	MAN TA 5 DIA T1F CL	911.37	906.49			906.49
520	555+40	50.2 RT	MAN TA 5 DIA T1F CL	914.79				906.98
521	550+20	38.0 LT	INLETS TA T24F&G	910.55				906.84
522	550+20	39.0 RT	CB TA 4 DIA T24F&G	910.55	906.47			906.47
523	550+20	47.0 RT	MAN TA 5 DIA T1F CL	910.77	906.10	906.45		906.10
524	550+74	38.0 LT	INLETS TA T24F&G	910.43				906.72
525	550+74	39.0 RT	CB TA 4 DIA T24F&G	910.43	906.35			906.35
526	550+74	47.0 RT	MAN TA 5 DIA T1F CL	910.65	906.20	906.33		906.20
527	551+25	38.0 LT	INLETS TA T24F&G	910.53				906.82
528	551+25	39.0 RT	CB TA 4 DIA T24F&G	910.53	906.45			906.45
529	551+25	47.0 RT	MAN TA 5 DIA T1F CL	910.75	906.29	906.43		906.29
530	552+35	38.0 LT	INLETS TA T24F&G	911.24				907.53
531	552+35	39.0 RT	CB TA 4 DIA T24F&G	911.24	907.16			907.16
532	552+35	47.0 RT	MAN TA 5 DIA T1F CL	911.46	906.50	907.14		906.50
533	553+53	38.0 LT	INLETS TA T24F&G	912.05				908.34
534	553+53	09.0 RT	CB TA 4 DIA T24F&G	912.31	907.10			907.10
535	553+53	47.0 RT	MAN TA 5 DIA T1F CL	913.05	906.73	906.93		906.73
536	554+32	38.0 LT	INLETS TA T24F&G	912.32				908.61
537	554+32	09.0 RT	CB TA 4 DIA T24F&G	913.11	907.90			907.90
538	554+32	47.0 RT	MAN TA 5 DIA T1F CL	914.12	906.88	907.73		906.88
539	556+10	38.0 LT	INLETS TA T24F&G	913.54				909.83
540	556+10	09.0 RT	CB TA 4 DIA T24F&G	914.33	909.12			909.12
541	556+10	47.0 RT	MAN TA 5 DIA T1F CL	915.34	907.77	908.95		907.23
542	558+40	38.0 LT	INLETS TA T24F&G	915.12				911.41
543	558+40	09.0 RT	CB TA 4 DIA T24F&G	915.91	910.70			910.70
544	558+40	47.0 RT	MAN TA 4 DIA T1F CL	916.92	908.63	910.53		908.36
545	560+68	38.0 LT	INLETS TA T24F&G	916.69				912.98
546	560+68	09.0 RT	CB TA 4 DIA T24F&G	917.48	912.27			912.27
547	560+68	47.0 RT	MAN TA 4 DIA T1F CL	918.49	909.59	912.10		909.32
548	562+64.41	47.0 RT	MAN TA 4 DIA T1F CL	918.40		912.95		910.56
549	562+64.41	39.0 RT	CB TA 4 DIA T24F&G	918.18	912.97			912.97
550	562+25	38.0 RT	INLETS TA T24F&G	918.28				914.57
551	549+91	69.1 RT	PRCF END S EL EORS 24	-				906.00
552	549+99	69.3 RT	PRCF END S EL EORS 24	-				906.00
553	549+82.50	47.0 RT	SW TREATMT SYS NO.1	911.00	906.24			906.24
554	549+99	56.0 RT	SW TREATMT SYS NO.2	910.70	906.05			906.05

DRAINAGE SEWER SCHEDULE

SEWER NO.	TYPE	SIZE (INCH)	LENGTH (FEET)	SLOPE (%)
501	STORM SEW CL A 2	12	4.0	0.50%
502	STORM SEW CL A 2	12	141.0	0.50%
503	STORM SEW CL A 2	12	74.0	2.00%
504	STORM SEW CL A 2	12	4.0	0.50%
505	STORM SEW CL A 2	18	141.0	0.30%
506	STORM SEW CL A 2	12	74.0	2.00%
507	STORM SEW CL A 2	12	4.0	0.50%
508	STORM SEW CL A 2	18	141.0	0.30%
509	STORM SEW CL A 2	12	74.0	1.40%
510	STORM SEW CL A 2	12	4.0	0.50%
511	STORM SEW CL A 2	18	68.0	0.30%
512	STORM SEW CL A 1	24	4.0	2.75%
513	STORM SEW CL A 1	24	173.0	0.50%
514	STORM SEW CL A 2	18	4.0	2.10%
515	SS CL A 2 EORS	24 30X19	13.8	0.51%
516	SS CL A 1 EORS	24 30X19	5.0	0.40%
517	SS CL A 2 EORS	24 30X19	4.5	0.50%
518	SS CL A 2 EORS	30 38X24	3.0	0.33%
519	SS CL A 2 EORS	30 38X24	235.0	0.17%
520	SS CL A 2 EORS	30 38X24	288.6	0.17%
521	SS CL A 2 EORS	24 30X19	5.5	0.20%
522	STORM SEW CL A 2	12	74.0	0.50%
523	STORM SEW CL A 2	12	4.0	0.50%
524	SS CL A 2 EORS	24 30X19	49.4	0.20%
525	STORM SEW CL A 1	12	74.0	0.50%
526	STORM SEW CL A 2	12	4.0	0.50%
527	SS CL A 2 EORS	24 30X19	45.6	0.20%
528	STORM SEW CL A 1	12	74.0	0.50%
529	STORM SEW CL A 2	12	4.0	0.50%
530	SS CL A 2 EORS	24 30X19	105.0	0.20%
531	STORM SEW CL A 2	12	74.0	0.50%
532	STORM SEW CL A 2	12	4.0	0.50%
533	STORM SEW CL A 2	24	113.0	0.20%
534	STORM SEW CL A 2	12	44.0	2.70%
535	STORM SEW CL A 2	12	33.5	0.50%
536	STORM SEW CL A 2	24	74.8	0.20%
537	STORM SEW CL A 2	12	44.0	1.60%
538	STORM SEW CL A 2	12	33.5	0.50%
539	STORM SEW CL A 2	24	176.6	0.20%
540	STORM SEW CL A 2	12	44.0	1.60%
541	STORM SEW CL A 2	12	33.5	0.50%
542	STORM SEW CL A 2	18	230.0	0.30%
543	STORM SEW CL A 2	12	44.0	1.60%
544	STORM SEW CL A 2	12	34.0	0.50%
545	STORM SEW CL A 2	15	228.5	0.30%
546	STORM SEW CL A 2	12	44.0	1.60%
547	STORM SEW CL A 2	12	34.0	0.50%
548	STORM SEW CL A 2	12	193.2	0.50%
549	STORM SEW CL A 2	12	4.0	0.50%
550	STORM SEW CL A 2	12	36.4	4.40%
551	STORM SEW CL A 2	18	4.0	3.00%
552	SS CL A 1 EORS	24 30X19	4.4	0.45%



DRAINAGE STRUCTURE SCHEDULE

NO.	LOCATION		TYPE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET			(IN)	(IN)	(IN)	(OUT)
600	564+66	38.0 LT	INLETS TA T24F&G	917.90				914.19
601	564+30	38.0 LT	INLETS TB T24F&G	917.84	913.88			913.88
602	564+30	38.5 RT	CB TA 4 DIA T24F&G	917.84	913.16			913.16
603	564+30	47.0 RT	MAN TA 4 DIA TIF CL	918.06	913.14			913.14
604	566+25	10.0 LT	INLETS TA T24F&G	917.50				913.79
605	566+25	39.0 RT	CB TA 4 DIA T24F&G	916.54	912.29			912.27
606	566+25	47.0 RT	MAN TA 4 DIA TIF CL	916.57	912.19	912.15		911.65
606A	567+20	46.1 RT	MAN TA 4 DIA TIF CL	915.57	911.43			911.43
607	568+00	10.0 LT	INLETS TA T24F&G	916.75				912.97
608	568+12	39.6 RT	CB TA 4 DIA T24F&G	914.79	911.23			911.23
609	568+12	47.6 RT	MAN TA 4 DIA TIF CL	915.02	911.21	911.21		911.21
610	569+70	45.5 RT	CB TC T24F&G	913.73				910.81
610A	569+70	53.0 RT	MAN TA 4D W/SPL FR CL	913.95	910.79	910.79		910.79
611	569+70	06.0 RT	INLETS TA T24F&G	915.20				911.17
612	570+50.59	44.7 RT	CB TC T24F&G	913.52				910.59
612A	570+50.59	51.2 RT	MAN TA 4D W/SPL FR CL	913.78	910.57	910.57		910.57
613	570+50.59	07.0 RT	CB TA 5 DIA T24F&G	915.00	910.77	910.77		910.77
614	571+30	07.0 RT	CB TA 5 DIA T24F&G	915.19	910.57			910.57
615	571+30	43.3 RT	CB TA 5 DIA T24F&G	913.78	910.48			910.48
616	571+30	51.8 RT	MAN TA 5 DIA TIF CL	913.99	910.46	910.46		910.46
617	572+10	49.7 RT	MH TA 6D W/2 TIFCL RP	914.69	910.25	910.25		910.25
618	572+10	60.2 RT	MAN TA 5 DIA TIF CL	914.48	910.28			910.28
619	570+95	58.6 RT	MAN TA 5D W/SPL FR CL	913.70	910.55			910.55
620	567+10	52.5 RT	MAN TA 6D W/SPL FR CL	915.50	911.38			911.38
621	563+90	53.0 RT	MAN TA 6 DIA TIF CL	918.15				911.69
622	572+24.60	49.1 RT	MAN TA 5 DIA TIF CL	914.86	910.23			910.23
623	572+32.95	49.1 RT	MAN TA 5 DIA TIF CL	914.95	910.23			910.23
624	572+46	47.9 RT	MH TA 6D W/2 TIFCL RP	915.12	910.25			910.25
625	572+60	39.0 RT	INLETS TA T24F&G	916.51				912.80
626	572+60	38.5 RT	CB TA 4 DIA T24F&G	915.08	911.35			911.35
627	572+60	47.0 RT	MAN TA 4 DIA TIF CL	915.30	910.27	911.19		910.27
628A	576+24	49.3 LT	INLETS TA T24F&G	921.70				918.03
628	576+24	10.0 LT	INLETS TB T24F&G	920.78				917.11
629	574+50	9.5 LT	INLETS TB T24F&G	919.13	915.17			915.17
630	574+50	39.0 RT	CB TA 4 DIA T24F&G	917.27	913.91			913.91
631	574+50	47.0 RT	MAN TA 4 DIA TIF CL	917.50	913.89			910.80
632	572+24.60	69.5 RT	PRCF END S EL EORS 27	-				910.13
633	572+32.95	69.5 RT	PRCF END S EL EORS 27	-				910.13
634	572+24.60	39.5 RT	MAN TA 5 DIA T24F&G	914.75	910.25			910.25
635	572+32.88	39.5 RT	MAN TA 5 DIA T24F&G	914.80	910.25			910.25
			LENNY DRIVE					
636	3+57	22.5 RT	PRC FLAR END SEC 15	-				919.02
637	3+60	13.4 RT	INLETS TB T24F&G	921.50	918.98			918.98
638	3+85	24.9 LT	CB TA T24F&G	921.50	918.28			918.28
639	3+90	41.8 LT	PRC FLAR END SEC 15	-				918.10

DRAINAGE SEWER SCHEDULE

SEWER NO.	TYPE	SIZE (INCH)	LENGTH (FEET)	SLOPE (%)	
600	STORM SEW CL A 2	12	33.5	0.93%	
601	STORM SEW CL A 2	12	74.0	0.97%	
602	STORM SEW CL A 2	12	4.0	0.50%	
603	STORM SEW CL A 2	12	191.0	0.50%	
604	STORM SEW CL A 2	12	46.0	3.30%	
605	STORM SEW CL A 2	12	4.0	3.00%	
606	STORM SEW CL A 2	18	87.5	0.25%	
606A	STORM SEW CL A 2	18	84.5	0.26%	
607	STORM SEW CL A 2	12	48.0	3.63%	
608	STORM SEW CL A 1	12	4.0	0.50%	
609	STORM SEW CL A 1	18	147.6	0.28%	
610	STORM SEW CL A 2	18	4.0	0.50%	
610A	STORM SEW CL A 2	18	73.2	0.30%	
611	STORM SEW CL A 2	12	76.7	0.52%	
612	STORM SEW CL A 2	12	4.0	0.50%	
612A	STORM SEW CL A 2	18	71.5	0.15%	
613	SS CL A 2 EORS	18 23X14	75.1	0.27%	
614	SS CL A 2 EORS	18 23X14	32.3	0.28%	
615	SS CL A 2 EORS	18 23X14	4.0	0.50%	
616	STORM SEW CL A 1	18	71.2	0.29%	
617	SS CL A 2 EORS	24 30X19	5.0	0.60%	
618	SS CL A 2 EORS	24 30X19	104.4	0.26%	
619	SS CL A 2 EORS	24 30X19	361.7	0.23%	
620	SS CL A 1 EORS	36 45X29	310.5	0.10%	
621	STORM SEW CL A 2	18	8.5	0.24%	
622	SS CL A 1 EORS	27 34X22	15.8	0.38%	
623	SS CL A 1 EORS	27 34X22	15.8	0.38%	
624	STORM SEW CL A 2	18	7.1	0.28%	
625	STORM SEW CL A 2	18	9.0	0.22%	
626	STORM SEW CL A 2	12	36.2	4.00%	
627	STORM SEW CL A 2	12	4.0	4.00%	
629A	STORM SEW CL A 1	12	36.8	2.50%	
628	STORM SEW CL A 2	18	178.1	0.30%	
629	STORM SEW CL A 2	12	172.7	1.12%	
630	STORM SEW CL A 2	12	45.0	2.80%	
631	STORM SEW CL A 2	12	4.0	0.50%	
632	SS CL A 1 EORS	27 34X22	4.6	0.43%	
633	SS CL A 1 EORS	27 34X22	4.6	0.43%	
	LENNY DRIVE				
634	STORM SEW CL A 1	15	2.0	2.00%	
635	STORM SEW WM REQ	15	70.2	1.00%	
636	STORM SEW CL A 1	15	7.0	0.50%	

DRAINAGE STRUCTURE SCHEDULE

NO.	LOCATION		TYPE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET			(IN)	(IN)	(IN)	(OUT)
700	577+51.20	49.8 LT	CB TC T8G	918.50				914.17
701			NOT USED					
702	579+77	54.9 LT	INLETS TA T8G	917.86				914.15
703			NOT USED					
704	579+13	9.5 LT	INLETS TB T24F&G	919.10	913.81			913.81
705	578+50	9.5 LT	INLETS TB T24F&G	920.03	913.54			913.54
706	578+50	39.0 RT	CB TA 4 DIA T24F&G	918.93	912.75			912.75
707	578+50	47.0 RT	MAN TA 4 DIA T1F CL	919.15	912.13	912.73		912.13
708	580+30	39.6 LT	INLETS TA T24F&G	916.70				912.99
709	580+30	40.6 RT	CB TA 4 DIA T24F&G	916.67	911.60			911.60
710	580+30	48.6 RT	MAN TA 4 DIA T1F CL	916.89	910.37	911.58	911.70	910.10
711	580+30	55.9 RT	CB TC T8G	915.18				911.72
712			NOT USED					
713	582+20	56.0 LT	INLETS TA T8G	914.12				910.50
714	582+20	42.5 LT	INLETS TB T24F&G	914.40	910.44			910.44
715	582+20	43.0 RT	CB TA 4 DIA T24F&G	914.40	909.37			909.37
716	582+20	51.0 RT	MAN TA 4 DIA T1F CL	914.62	908.80	909.35		908.56
717			NOT USED					
718	582+80	56.1 LT	CB TC T8G	913.28				909.57
719	582+80	51.0 RT	MAN TA 5 DIA T1F CL	913.63	908.34	908.48	908.95	908.34
720	582+70	62.9 RT	CB TC T8G	911.84				909.01
721			NOT USED					
722	583+45	56.1 LT	CB TC T8G	912.49				908.78
723	583+45	51.0 RT	MAN TA 4 DIA T1F CL	912.96	907.98	908.26		907.98
724	583+90	42.0 LT	INLETS TA T24F&G	912.14				908.43
725	583+90	43.0 RT	CB TA 4 DIA T24F&G	912.14	908.02			908.02
726	583+90	51.0 RT	MAN TA 4 DIA T1F CL	912.36	907.53	908.00		907.53
727			NOT USED					
728	585+23	57.5 LT	INLETS TA T8G	909.79				906.15
729	585+23	42.5 LT	INLETS TB T24F&G	910.38	906.09			906.09
730	585+23	43.0 RT	CB TA 4 DIA T24F&G	910.38	905.44			905.44
731	585+23	51.5 RT	MAN TA 5 DIA T1F CL	910.36	905.57	905.42	905.42	905.42
732	585+23	60.6 RT	CB TC T8G	907.58				905.45
733			NOT USED					
734	587+39	62.5 LT	INLETS TB T8G	907.26	903.78			903.78
735	588+26.50	71.2 LT	INLETS TA T8G	907.00				904.16
736	587+40	48.9 LT	INLETS TB T24F&G	908.14	903.75			903.75
737	586+80	42.5 RT	INLETS TA T24F&G	908.57				904.86
738	587+40	43.0 RT	CB TA 4 DIA T24F&G	908.27	903.48	903.49		903.48
739	587+40	51.5 RT	MAN TA 5 DIA T1F CL	908.48	903.41	903.41		903.41
			IL 176					
740	598+70	00.0 RT	MAN TA 5 DIA T1F CL	907.36	902.91			902.91
741	598+28	27.0 LT	INLETS TA T24F&G	906.65				903.48
742	598+08	28.0 LT	CB TA 4 DIA T24F&G	906.46	903.40			903.40
743	597+51	36.6 LT	MAN TA 4 DIA T1F CL	907.52	903.16	903.17		903.16
744	597+00	27.0 LT	CB TC T24F&G	906.87				903.41
745	598+20	31.0 RT	INLETS TA T24F&G	906.67				903.46
746	597+86.42	31.5 RT	CB TA 4 DIA T24F&G	906.64	903.31			903.31
747	597+51	32.0 RT	CB TA 4 DIA T24F&G	906.67	903.15	903.14		903.14
748	597+00	31.0 RT	CB TC T24F&G	906.89				903.38
749	597+51	00.0 RT	MAN TA 5 DIA T1F CL	907.18	903.00	903.00	902.63	902.63
750	584+36	39.2 LT	PRC FLAR END SEC 18	-				904.40
751	593+90	31.1 LT	MAN TA 5 DIA T1F CL	908.20	904.05			904.05
752	596+70	38.6 LT	MAN TA 4 DIA T1F CL	908.44	902.95			902.95
753	596+70	00.0 RT	MAN TA 6 DIA T1F CL	907.39	902.35	902.33		902.33
754	596+00	27.0 LT	INLETS TA T24F&G	907.13				904.15
755	595+00	27.5 LT	INLETS TB T24F&G	907.38	903.72			903.72
756	596+00	30.8 RT	INLETS TA T24F&G	907.37				904.01
757	595+00	25.1 RT	CB TA 4 DIA T24F&G	907.64	903.26	903.50		903.35
758	595+00	47.8 RT	PRC FLAR END SEC 12	-				903.00
759	596+70	54.4 RT	PRCF END S EL EORS 36	-				902.25
760	596+70	38.6 RT	SW TREATMT SYS NO.3	906.36	902.27			902.27

DRAINAGE SEWER SCHEDULE

SEWER NO.	TYPE	SIZE (INCH)	LENGTH (FEET)	SLOPE (%)
700	NOT USED			
701	STORM SEW CL A 2	12	92.5	2.20%
702	NOT USED			
703	STORM SEW CL A 2	12	76.4	0.45%
704	STORM SEW CL A 2	12	60.1	0.44%
705	STORM SEW CL A 2	12	45.0	1.76%
706	STORM SEW CL A 2	12	4.0	0.50%
707	STORM SEW CL A 2	12	176.0	1.00%
708	STORM SEW CL A 2	12	77.1	1.80%
709	STORM SEW CL A 2	12	4.0	0.50%
710	STORM SEW CL A 2	15	186.0	0.70%
711	STORM SEW CL A 2	12	4.0	0.50%
712	NOT USED			
713	STORM SEW CL A 2	12	11.0	0.50%
714	STORM SEW CL A 2	12	82.0	1.30%
715	STORM SEW CL A 2	12	4.0	0.50%
716	STORM SEW CL A 2	18	55.5	0.40%
717	NOT USED			
718	STORM SEW CL A 2	12	103.6	1.05%
719	STORM SEW CL A 2	18	60.5	0.60%
720	STORM SEW CL A 2	12	12.1	0.50%
721	NOT USED			
722	STORM SEW CL A 2	12	104.1	0.50%
723	STORM SEW CL A 2	18	41.0	1.10%
724	STORM SEW CL A 2	12	82.0	0.50%
725	STORM SEW CL A 2	12	4.0	0.50%
726	STORM SEW CL A 2	18	128.5	1.35%
727	NOT USED			
728	STORM SEW CL A 2	12	12.5	0.50%
729	STORM SEW CL A 2	12	82.0	0.79%
730	STORM SEW CL A 2	12	4.0	0.50%
731	SS CL A 2 EORS 24	30X19	212.0	0.95%
732	STORM SEW CL A 2	12	5.5	0.55%
733	NOT USED			
734	STORM SEW CL A 2	15	10.6	0.28%
735	STORM SEW CL A 1	12	85.2	0.45%
736	STORM SEW CL A 2	15	88.4	0.30%
737	STORM SEW CL A 2	12	57.0	2.40%
738	STORM SEW CL A 2	15	4.0	1.75%
739	SS CL A 2 EORS 24	30X19	83.2	0.60%
	IL 176			
740	SS CL A 2 EORS 30	38X24	114.0	0.25%
741	STORM SEW CL A 1	12	17.0	0.47%
742	STORM SEW CL A 1	12	53.6	0.45%
743	STORM SEW CL A 2	12	32.1	0.50%
744	STORM SEW CL A 1	12	48.9	0.50%
745	STORM SEW CL A 1	12	30.6	0.50%
746	STORM SEW CL A 1	12	31.4	0.50%
747	STORM SEW CL A 2	12	27.5	0.50%
748	STORM SEW CL A 1	12	48.0	0.50%
749	SS CL A 2 EORS 30	38X24	76.0	0.40%
750	STORM SEW CL A 2	18	81.8	0.43%
751	STORM SEW CL A 2	18	275.6	0.40%
752	STORM SEW CL A 2	18	33.6	1.80%
753	SS CL A 1 EORS 36	45X29	32.6	0.18%
754	STORM SEW CL A 1	12	97.5	0.44%
755	STORM SEW CL A 2	12	49.1	0.45%
756	STORM SEW CL A 2	12	97.2	0.77%
757	STORM SEW CL A 2	12	20.0	1.30%
758	SS CL A 1 EORS 36	45X29	7.0	0.29%

DRAINAGE STRUCTURE SCHEDULE

NO.	LOCATION		TYPE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET			(IN)	(IN)	(IN)	(OUT)
800	602+82	31.0 LT	INLETS TA T24F&G	908.04				904.33
801	602+82	23.5 RT	CB TA 4 DIA T23F&G	908.32	904.07			904.07
802			NOT USED					
803	588+85	64.1 LT	INLETS TA T24F&G	907.36				903.65
804	601+00	37.5 LT	INLETS TA T8G	907.00				903.64
805	601+00	31.5 LT	INLETS TB T24F&G	907.31	903.55	903.40		903.07
806	601+26	45.3 RT	MAN TA 5 DIA T24F&G	907.12	902.68	903.15		902.68
807	590+15	50.2 LT	MAN TA 5 DIA T24F&G	907.29	902.59			902.59
808	590+65	42.5 LT	CB TA 5 DIA T24F&G	907.31	902.40			902.40
809	591+50	42.0 LT	INLETS TA T24F&G	907.38				903.67
810	590+93	42.5 LT	CB TA 5 DIA T24F&G	907.28	902.30	902.30		902.30
811	589+80	50.0 RT	INLETS TA T24F&G	907.39				903.68
812	590+65	60.1 RT	INLETS TA T8G	906.45				902.84
813	590+65	46.0 RT	INLETS TB T24F&G	907.24	903.18	902.78		902.78
814	591+50	42.0 RT	INLETS TA T24F&G	907.26				903.55
815	590+93	43.8 RT	CB TA 5 DIA T24F&G	907.14	901.97	901.97	901.97	901.97
816	590+93	52.3 RT	MAN TA 5 DIA T1F CL	907.37	901.95			901.95
817	592+80	57.2 LT	INLETS TA T8G	907.00				903.48
818	592+80	42.5 LT	INLETS TB T24F&G	907.62	903.42			903.42
819	593+70	42.5 LT	INLETS TB T24F&G	908.23	902.98			902.98
820	592+45	42.0 RT	INLETS TA T24F&G	907.88				904.17
821	593+70	43.0 RT	CB TA 4 DIA T24F&G	907.63	901.98	901.98		901.98
822	593+70	51.4 RT	MAN TA 5 DIA T1F CL	907.85	900.86	901.86		900.86
823	594+60	42.0 LT	INLETS TA T24F&G	908.57				904.86
824	594+60	41.8 RT	CB TA 4 DIA T24F&G	908.57	904.46			904.46
825	594+60	50.3 RT	MAN TA 5 DIA T1F CL	908.79	900.52	904.44		900.52
826	597+70	38.4 LT	INLETS TA T24F&G	907.48				903.77
827	597+70	34.0 RT	CB TA 4 DIA T24F&G	907.48	903.08			903.08
828	597+70	42.5 RT	MAN TA 5 DIA T1F CL	907.70	899.31	903.04		899.31
829	599+80	33.1 LT	INLETS TA T24F&G	905.00				901.29
830	601+37	33.0 LT	INLETS TA T24F&G	903.74				900.96
831	600+65	33.5 LT	INLETS TB T24F&G	904.22	900.74	900.74		900.74
832	599+80	33.0 RT	INLETS TA T24F&G	905.00				901.29
833	601+37	33.0 RT	INLETS TA T24F&G	903.74				900.87
834	600+65	34.0 RT	CB TA 4 DIA T24F&G	904.22	900.53	900.53	900.53	900.53
835	600+65	42.5 RT	MAN TA 5 DIA T1F CL	904.44	898.15	900.50		898.15
836	602+35	33.0 LT	INLETS TA T24F&G	904.01				900.89
837	603+29	33.5 LT	INLETS TB T24F&G	904.16	900.43			900.43
838	602+35	33.0 RT	INLETS TA T24F&G	904.01				900.70
839	603+29	34.0 RT	CB TA 4 DIA T24F&G	904.16	900.11	900.25		900.11
840	603+29	42.5 RT	MAN TA 5 DIA T1F CL	904.52	897.12	900.09		896.57
841	010+84	18.4 RT	INLETS TA T24F&G	904.43				901.10
842	010+87	15.9 LT	CB TA 4 DIA T24F&G	904.43	900.86			900.36
843	605+57	34.3 LT	INLETS TA T24F&G	904.66				901.30
844	605+57	34.0 RT	CB TA 4 DIA T24F&G	904.68	901.01			901.01
845	605+57	42.5 RT	MAN TA 5 DIA T1F CL	905.04	896.02	900.99		896.02
846	607+85	33.0 LT	INLETS TA T24F&G	905.21				901.85
847	607+85	34.0 RT	CB TA 4 DIA T24F&G	905.21	901.53			901.53
848	607+85	45.0 RT	MAN TA 5 DIA T1F CL	905.52	895.47	901.49		895.47
849	010+61	23.2 RT	INLETS TA T24F&G	905.13				901.77
850	010+53	16.4 LT	INLETS TB T24F&G	905.12	901.58			901.58
851	610+61	33.5 LT	INLETS TB T24F&G	905.59	901.36			901.36
852	610+61	34.0 RT	CB TA 4 DIA T24F&G	905.59	900.40			900.40
853	610+61	45.0 RT	MAN TA 5 DIA T1F CL	905.76	894.80	900.30		894.80
854	612+00	33.0 LT	INLETS TA T24F&G	905.80				902.44
855	611+49	33.0 RT	INLETS TA T24F&G	905.64				902.28
856	612+00	34.0 RT	CB TA 4 DIA T24F&G	905.80	902.07	902.07		902.07
857	612+00	45.0 RT	MAN TA 6 DIA T1F CL	905.97	894.47	902.04		892.97
858	614+60	28.9 LT	INLETS TA T24F&G	905.82				902.46
859	614+60	30.1 RT	CB TA 4 DIA T24F&G	905.82	902.18			902.18
860	614+56	42.3 RT	MAN TA 6 DIA T1F CL	906.05	892.35	902.14		892.35
861	616+05	29.5 LT	INLETS TA T24F&G	905.29				901.93
862	616+05	28.6 RT	CB TA 4 DIA T24F&G	905.26	901.65			901.65
863	617+60	28.5 LT	INLETS TA T24F&G	904.57				901.21
864	617+60	30.2 RT	MAN TA 7 DIA T24F&G	904.56	891.08	900.95		891.08
865	616+05	41.0 RT	MAN TA 6 DIA T1F CL	905.42	891.79	901.62		891.79
866	617+60	41.0 RT	MAN TA 9 DIA T1F CL	904.74	891.19			891.19
867	607+26	32.2 LT	CB TC T8G	913.11				910.20

DRAINAGE SEWER SCHEDULE

SEWER NO.	TYPE	SIZE	LENGTH	SLOPE
		(INCH)	(FEET)	(%)
800	STORM SEW CL A 2	12	51.5	0.50%
801	NOT USED			
802	STORM SEW WM REQ	18	153.0	0.60%
803	STORM SEW CL A 2	12	49.3	0.50%
804	STORM SEW CL A 2	12	3.5	2.60%
805	STORM SEW CL A 2	12	77.1	0.50%
806	STORM SEW CL A 1	24	21.6	0.42%
807	STORM SEW WM REQ	24	45.6	0.42%
808	STORM SEW WM REQ	24	22.9	0.44%
809	STORM SEW WM REQ	12	53.7	2.55%
810	STORM SEW CL A 2	24	81.3	0.41%
811	STORM SEW CL A 2	12	82.6	0.60%
812	STORM SEW CL A 2	12	11.5	0.52%
813	STORM SEW CL A 2	12	23.9	3.39%
814	STORM SEW CL A 2	12	53.7	2.94%
815	STORM SEW CL A 2	24	3.5	0.57%
816	STORM SEW CL A 2	24	271.4	0.40%
817	STORM SEW WM REQ	12	12.2	0.50%
818	STORM SEW WM REQ	12	87.3	0.50%
819	STORM SEW CL A 2	12	81.9	1.22%
820	STORM SEW CL A 2	12	121.5	1.80%
821	STORM SEW CL A 2	12	4.0	3.00%
822	STORM SEW CL A 2	24	84.6	0.40%
823	STORM SEW CL A 2	12	80.8	0.50%
824	STORM SEW CL A 2	12	4.0	0.50%
825	STORM SEW CL A 2	24	303.7	0.40%
826	STORM SEW CL A 2	12	69.4	1.00%
827	STORM SEW CL A 2	12	4.0	1.00%
828	STORM SEW CL A 2	24	288.8	0.40%
829	STORM SEW CL A 1	12	82.8	0.66%
830	STORM SEW CL A 1	15	69.8	0.32%
831	STORM SEW CL A 1	15	64.0	0.33%
832	STORM SEW CL A 2	12	81.7	0.93%
833	STORM SEW CL A 1	12	68.8	0.49%
834	STORM SEW CL A 1	15	4.0	0.75%
835	STORM SEW CL A 2	24	257.0	0.40%
836	STORM SEW WM REQ	12	91.5	0.50%
837	STORM SEW CL A 2	12	64.0	0.50%
838	STORM SEW CL A 1	12	90.1	0.50%
839	STORM SEW CL A 2	12	4.0	0.50%
840	STORM SEW CL A 2	30	221.8	0.25%
841	STORM SEW WM REQ	12	33.9	0.71%
842	NOT USED			
843	STORM SEW CL A 2	12	64.8	0.45%
844	STORM SEW CL A 2	12	4.0	0.50%
845	STORM SEW CL A 2	30	200.9	0.25%
846	STORM SEW WM REQ	30	20.7	0.25%
846	STORM SEW CL A 1	12	64.0	0.50%
847	STORM SEW CL A 2	12	6.6	0.61%
848	STORM SEW CL A 2	30	243.5	0.25%
848	STORM SEW WM REQ	30	23.1	0.25%
849	STORM SEW WM REQ	12	38.4	0.50%
850	STORM SEW WM REQ	12	43.0	0.50%
851	STORM SEW CL A 2	12	64.0	1.50%
852	STORM SEW CL A 2	12	6.6	1.50%
853	STORM SEW CL A 2	30	131.5	0.25%
854	STORM SEW CL A 2	12	64.0	0.58%
855	STORM SEW CL A 2	12	47.4	0.44%
856	STORM SEW CL A 2	12	6.1	0.50%
857	STORM SEW CL A 2	48	246.0	0.25%
858	STORM SEW CL A 2	12	56.0	0.50%
859	STORM SEW CL A 2	12	7.8	0.50%
860	STORM SEW CL A 2	48	142.6	0.39%
861	STORM SEW CL A 2	12	55.6	0.50%
862	STORM SEW CL A 2	12	6.2	0.50%
863	STORM SEW CL A 2	12	52.7	0.50%
864	STORM SEW CL A 2	48	4.5	2.50%
865	STORM SEW CL A 2	48	150.0	0.40%
866	STORM SEW CL A 1	12	12.0	0.50%

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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -	305				27R-3	MCHENRY	431	119	
PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISED -	CONTRACT NO. 62517								
							ILLINOIS FED. AID PROJECT				
				SCALE: NONE	SHEET NO. 119 OF 431 SHEETS	STA.	TO STA.				

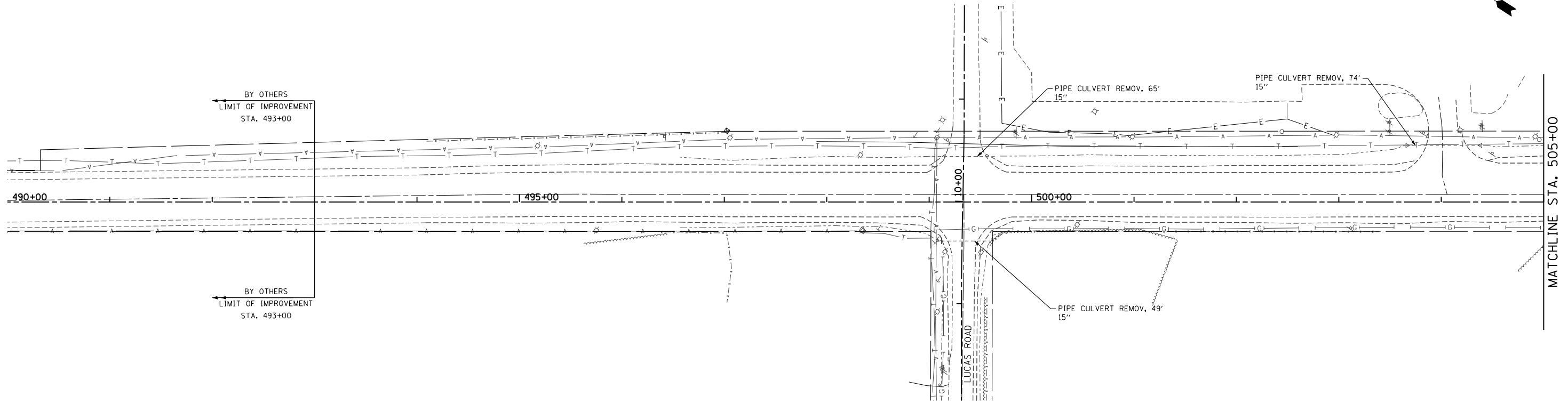
TRANSVERSE UNDERDRAIN SCHEDULE

STATION	U/S INV	UNDERDRAIN	UNDERDRAIN SPECIAL	SLOPE	CONNECTING	D/S INV.
	ELEVE.	LENGTH (FT)	LENGTH (FT)	(%)	STR NO.	ELEVE.
516+72.50	916.30	34.1	5	0.30	319	916.18
516+86.00	916.97	35.1	5	2.00	419	916.17
519+55.00	916.02	73.2	5	2.46	425	914.09
523+20.00	914.86	73.1	5	3.21	431	912.35
525+32.00	913.61	73.1	5	3.21	438	911.10
527+55.00	915.43	73.1	5	3.21	444	912.92
533+55.00	917.33	73.1	5	3.10	454	914.91
535+95.00	910.91	73.1	5	0.30	460	910.67
538+15.00	910.01	73.1	5	0.30	469	909.77
540+25.00	910.87	73.1	5	0.30	501	910.63
544+65.00	911.25	73.1	5	0.30	501	911.01
547+55.00	909.29	73.1	5	0.30	507	909.05
550+79.00	907.41	73.1	5	0.30	525	907.17
553+57.00	909.88	72.1	5	2.00	533	908.34
556+14.00	912.16	72.1	5	3.02	539	909.83
558+44.00	913.74	72.1	5	3.02	542	911.41
560+72.00	915.20	72.1	5	2.88	545	912.98
566+20.00	915.25	76.2	5	2.41	605	913.29
568+07.00	915.15	85.6	5	3.87	608	911.64
570+45.09	913.56	53.5	5	3.87	613	911.30
570+54.59	913.56	30.3	5	3.87	612	912.20
572+65.00	914.65	77.5	5	3.87	626	911.46
574+55.00	917.66	73.1	5	3.87	630	914.64
580+25.00	914.22	76.2	5	0.30	709	913.97
583+40.00	910.29	89.1	5	0.30	723	910.00
586+75.00	905.59	80.6	5	0.30	737	905.33
Total		1803.9	130			

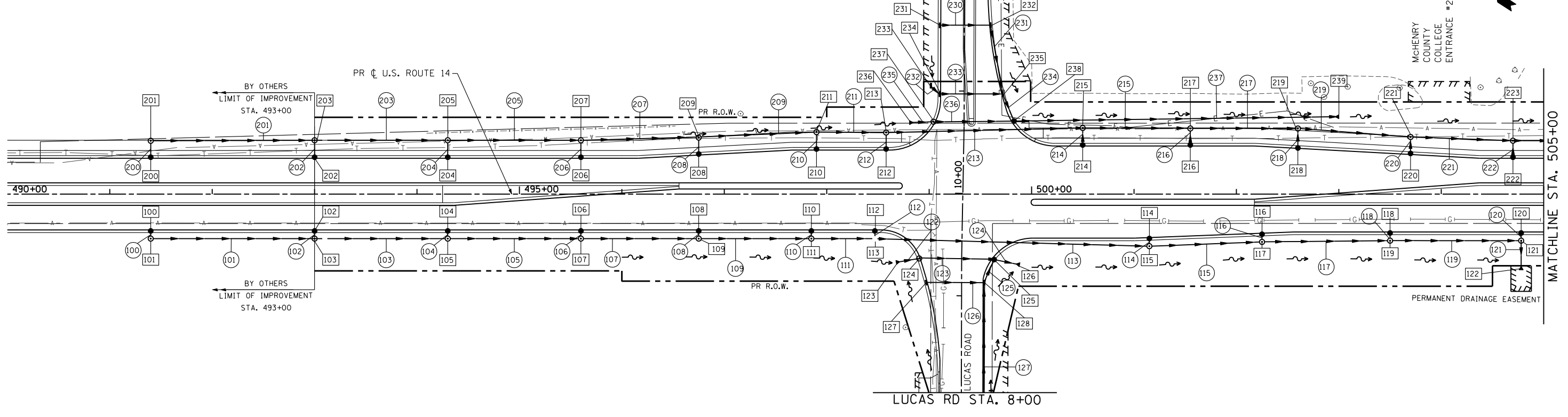
LONGITUDINAL UNDERDRAIN SCHEDULE

STA	TO	U/S INV.	U/S INV.	UNDERDRAIN	UNDERDRAIN SPECIAL	SLOPE	D/S INV.
			ELEVE.	LENGTH (FT)	LENGTH (FT)	(%)	ELEVE.
601+00		901.08	37			0.30	
601+37							
601+37			188.9		1	0.50	900.97
603+25		901.53				0.30	900.96
607+00		901.87	81.54				
607+84					5	0.30	
610+00		903.13	57.9				901.61
610+60					5	0.30	
610+66		902.99	44.54				902.94
010+53							
612+01			47.34				
612+50		903.35			5	0.33	903.18
601+00		901.19	37				
601+37						0.85	
601+37			186		1	0.50	900.88
603+24		901.43				0.30	900.87
607+00		901.87	80.8				900.88
607+83					5	0.30	
610+00		903.13	56.14				901.61
610+59					5	0.30	
612+02			45.24				902.95
612+50		903.35			5	0.33	903.19
Total			862.4		37		

McHENRY COUNTY  
COLLEGE ENTRANCE #3



COLLEGE ENTR #3 STA. 12+00



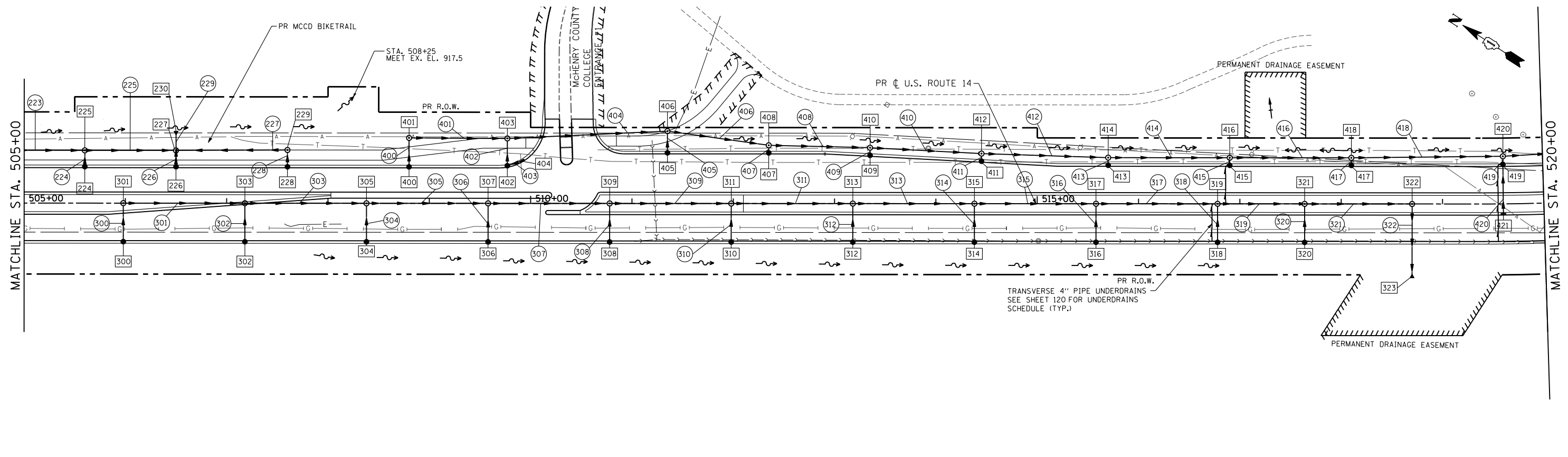
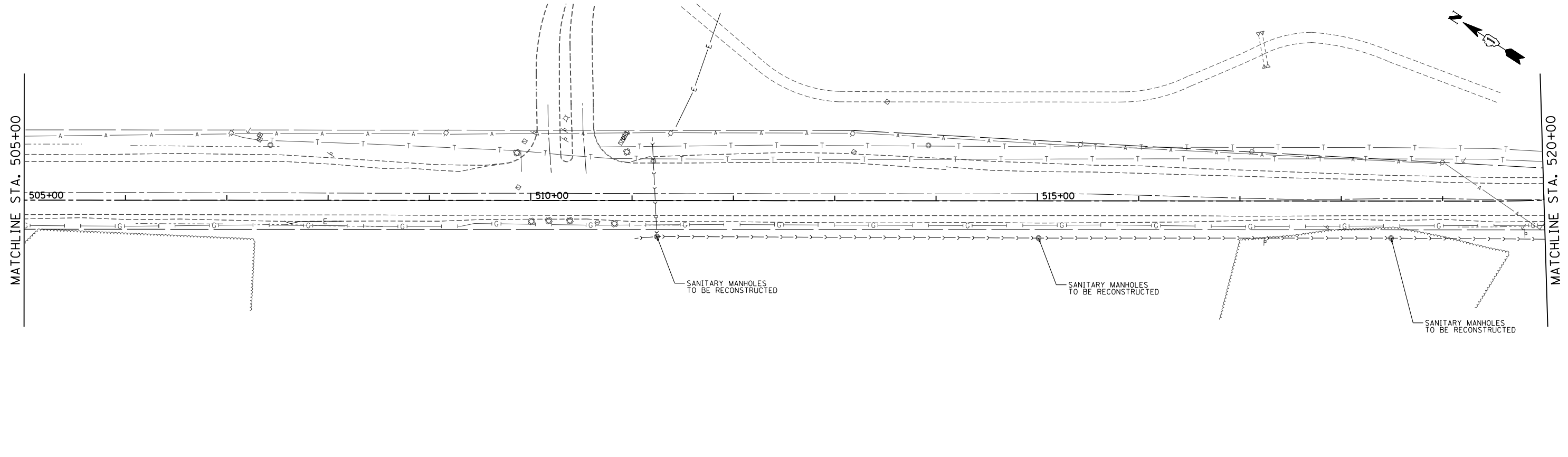
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

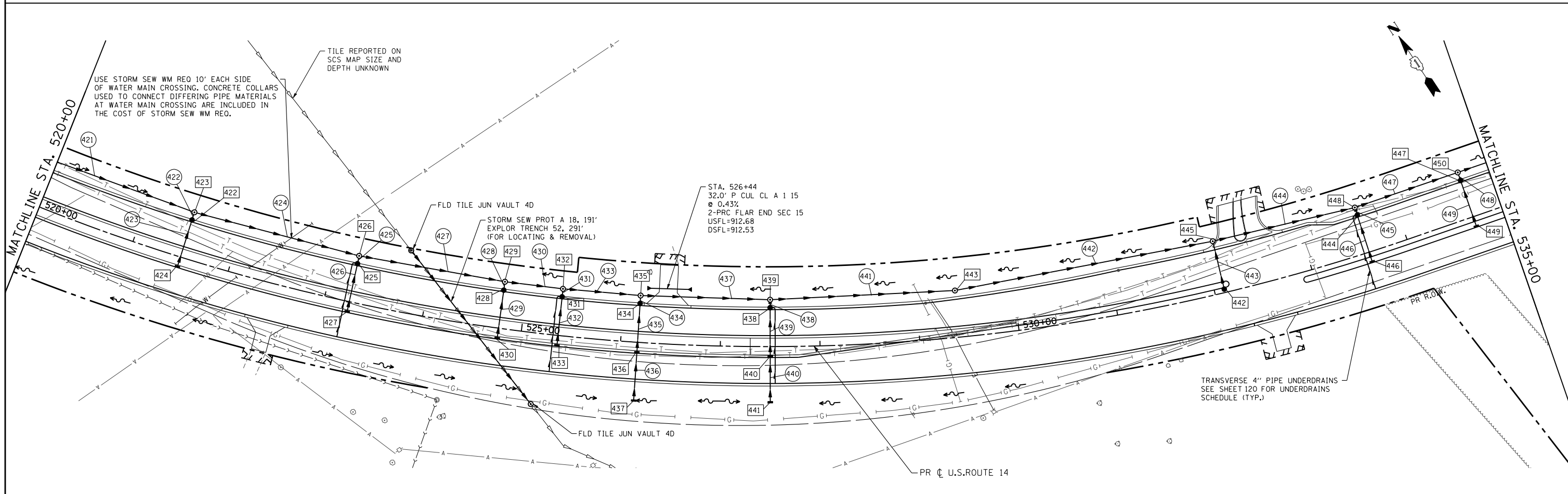
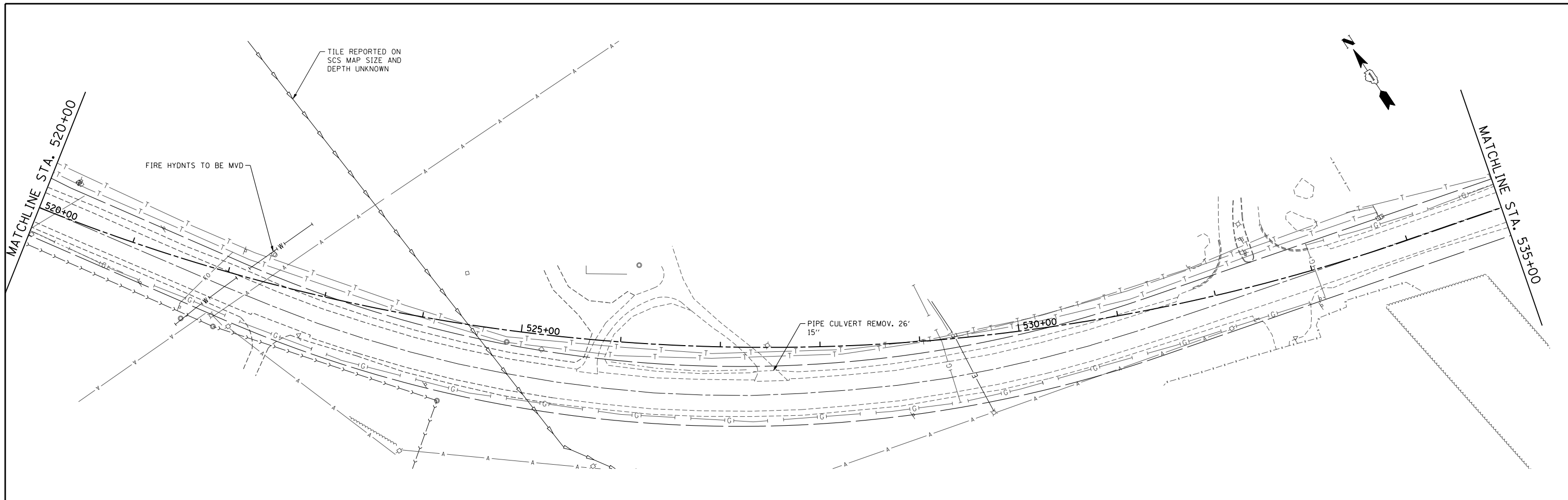
DRAINAGE AND UTILITY PLAN  
US ROUTE 14

SCALE: 1"=50' SHEET NO. 121 OF 431 SHEETS STA. 490+00.00 TO STA. 505+00.00

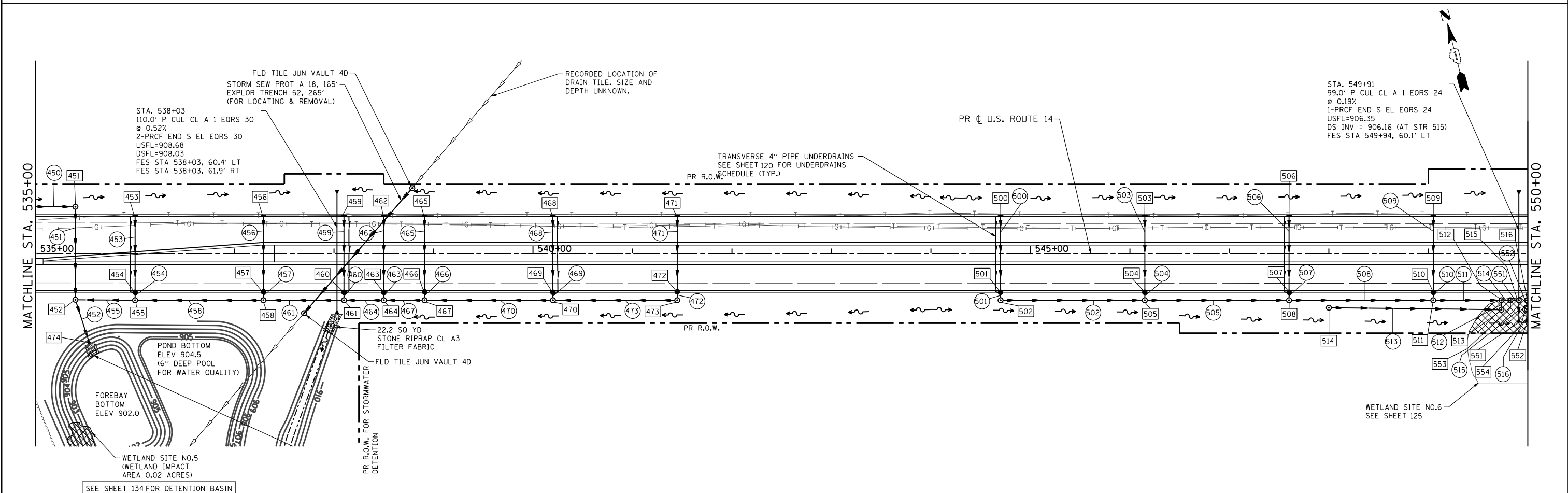
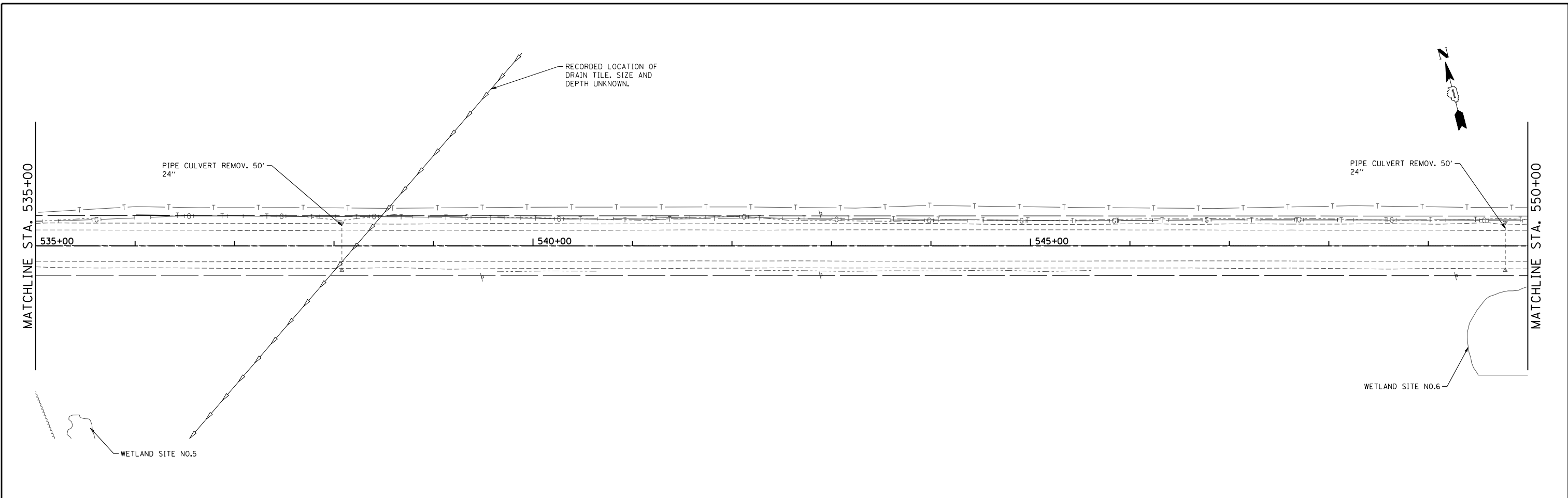
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	121
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



FILE NAME = S:\1606\CADD Sheets\0162517-sht-drain.dwg	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN US ROUTE 14</b>			F.A.P. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 122
	PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -		SCALE: 1"=50'	SHEET NO. 122 OF 431 SHEETS	STA. 505+00.00 TO STA. 520+00.00	CONTRACT NO. 62517				
	PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISED -		ILLINOIS FED. AID PROJECT							



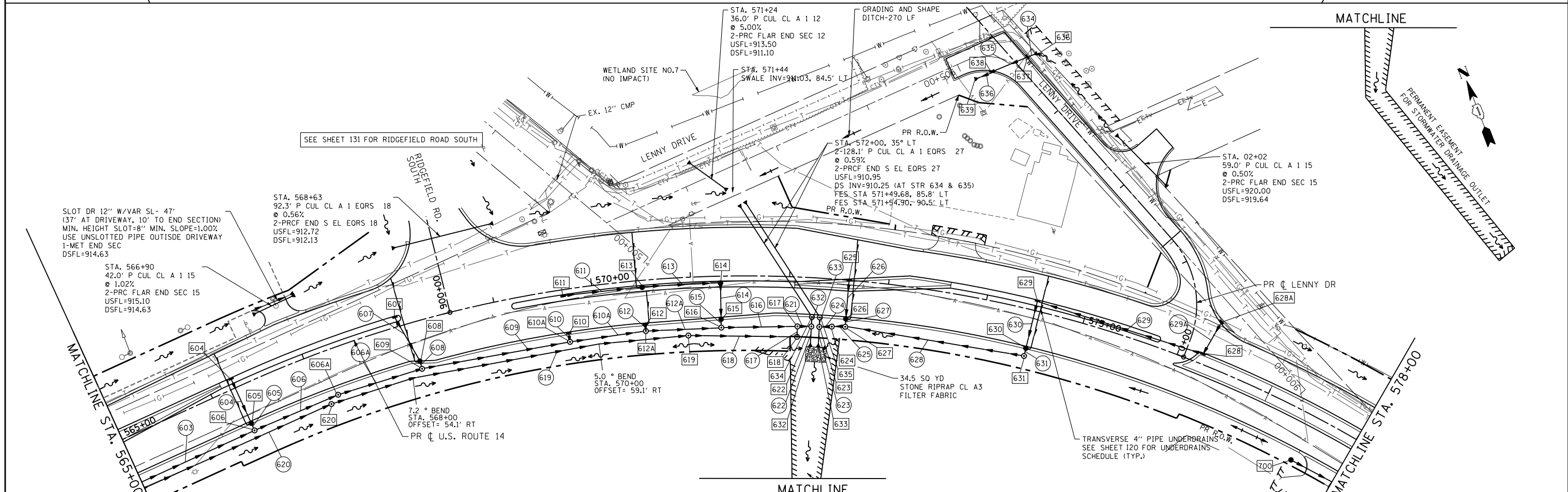
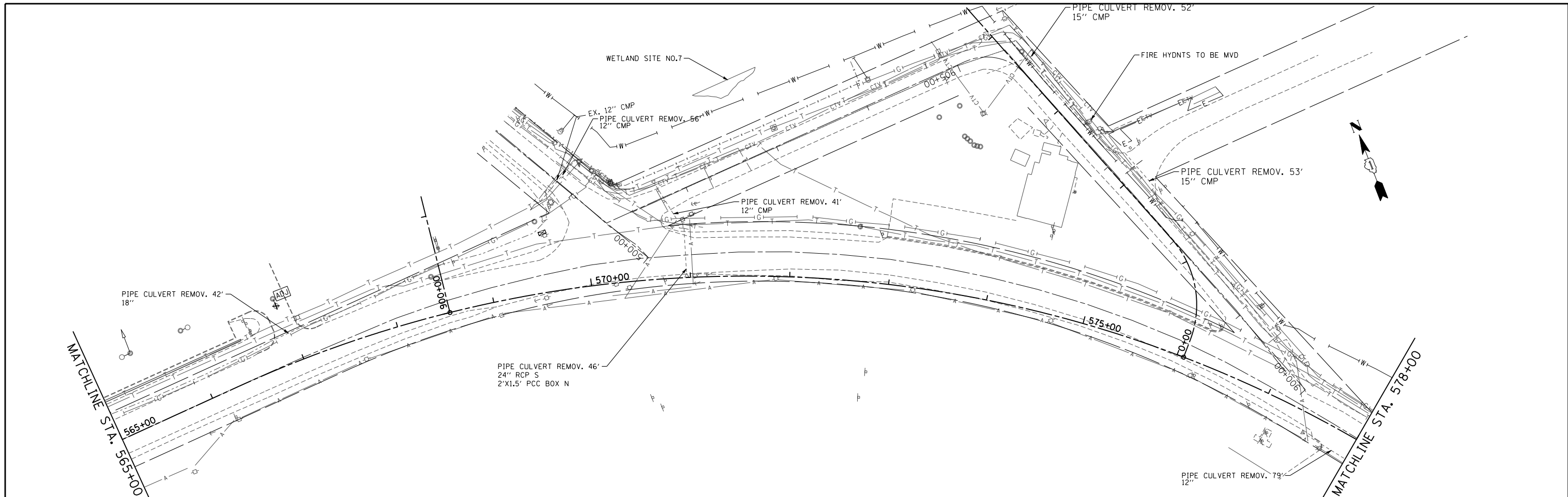
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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -		SCALE: 1"=50'	SHEET NO. 123 OF 431 SHEETS	STA. 520+00.00 TO STA. 535+00.00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT		
PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISIED -	REVISIED -									



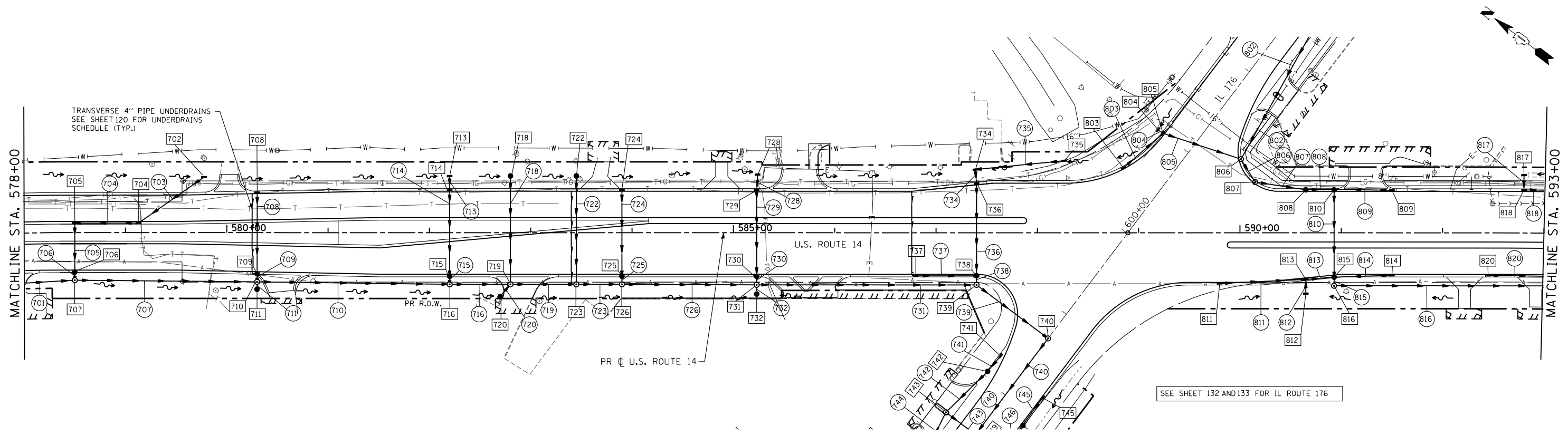
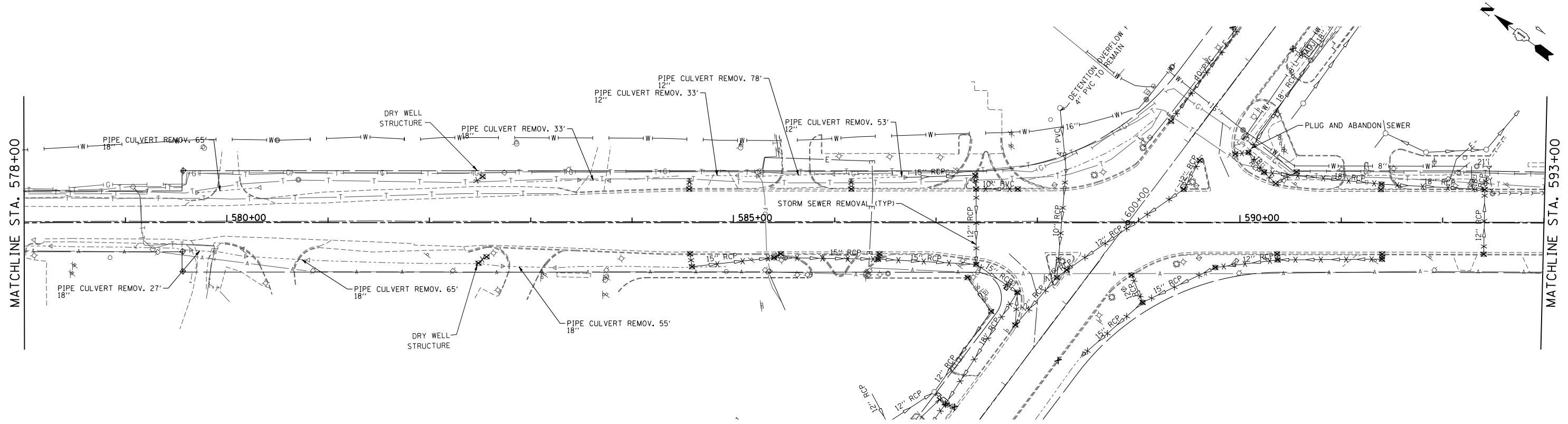
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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -		SCALE: 1"=50'	SHEET NO. 124 OF 431 SHEETS	STA. 535+00.00 TO STA. 550+00.00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT		
PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISIED -	REVISIED -									





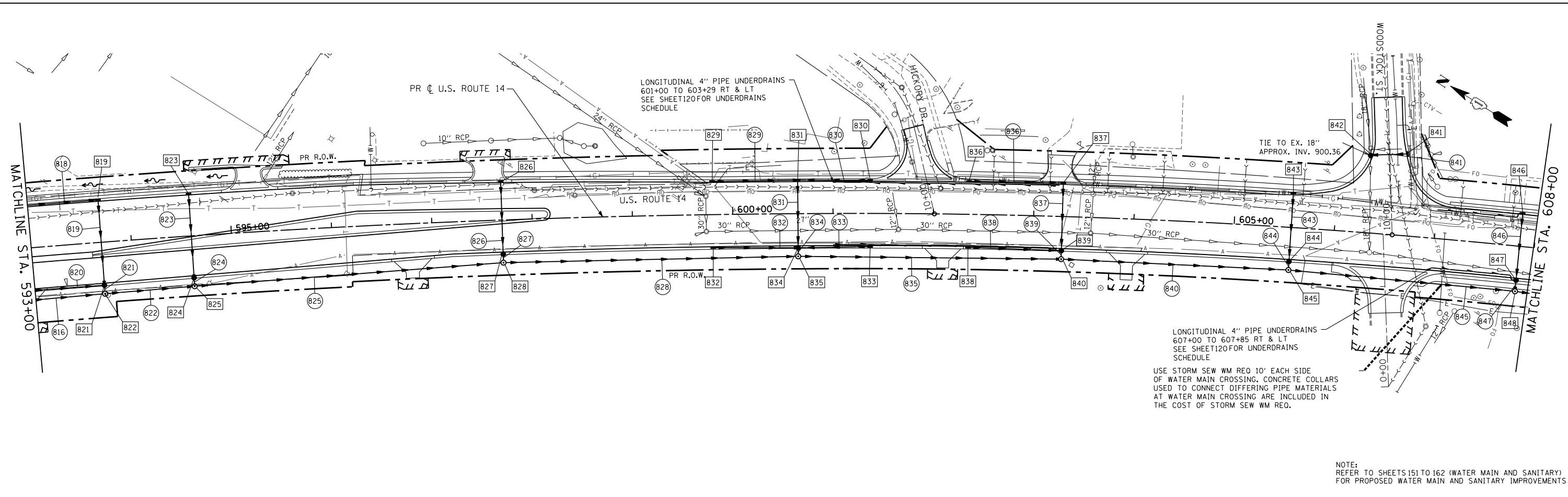
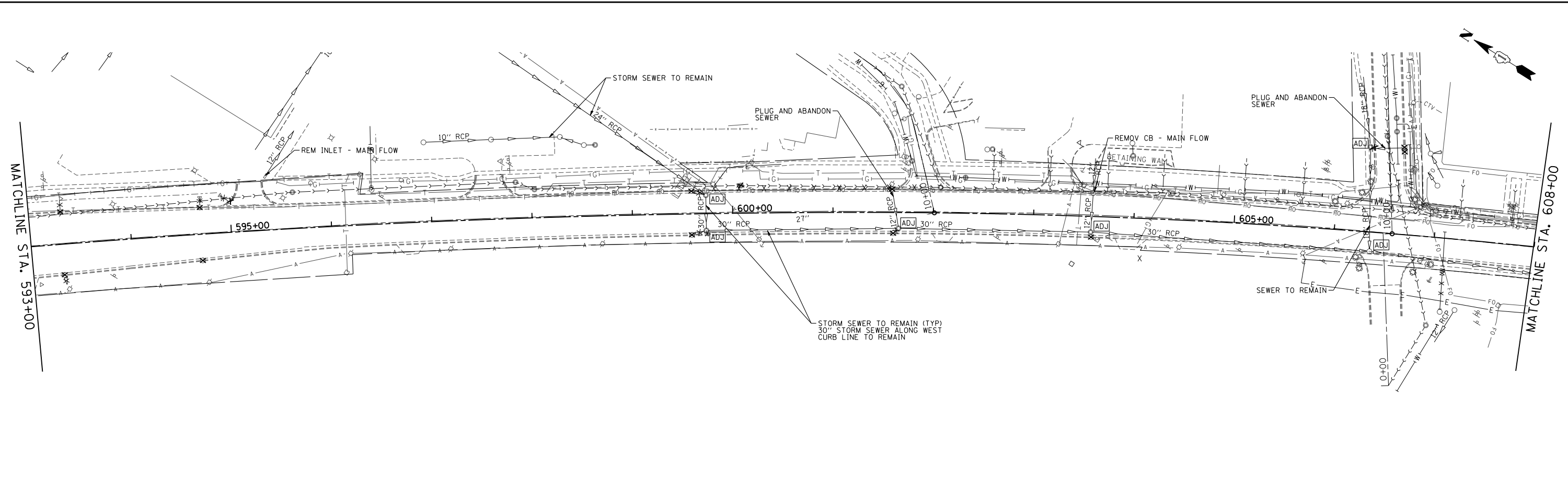


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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -		SCALE: 1"=50'	SHEET NO. 126 OF 431 SHEETS	STA. 565+00.00 TO STA. 578+00.00	CONTRACT NO. 62517				
PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISIED -	REVISIED -		ILLINOIS FED. AID PROJECT							



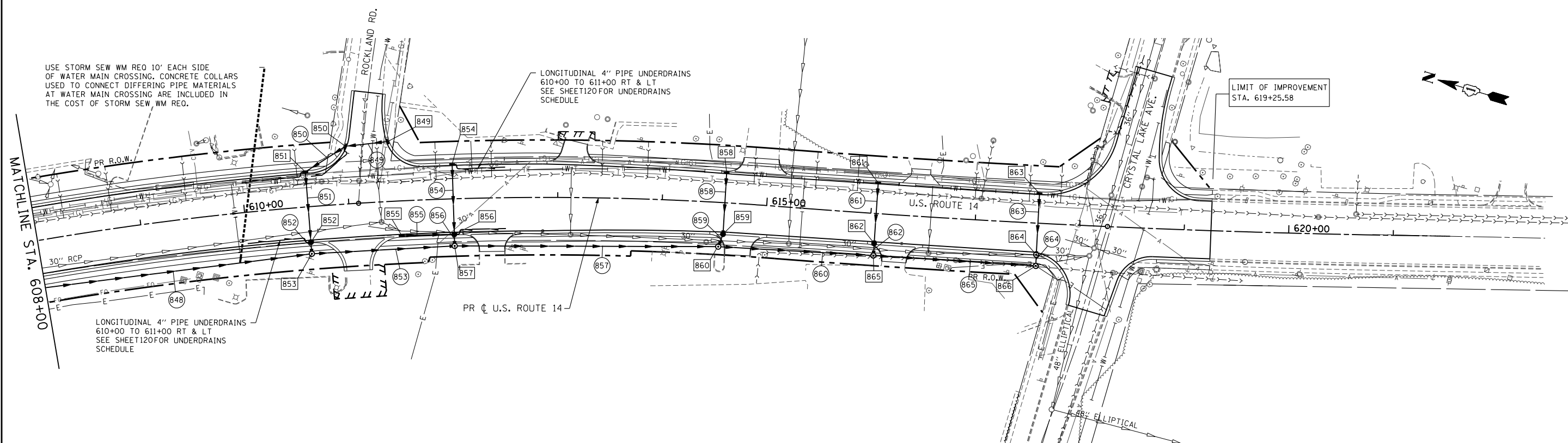
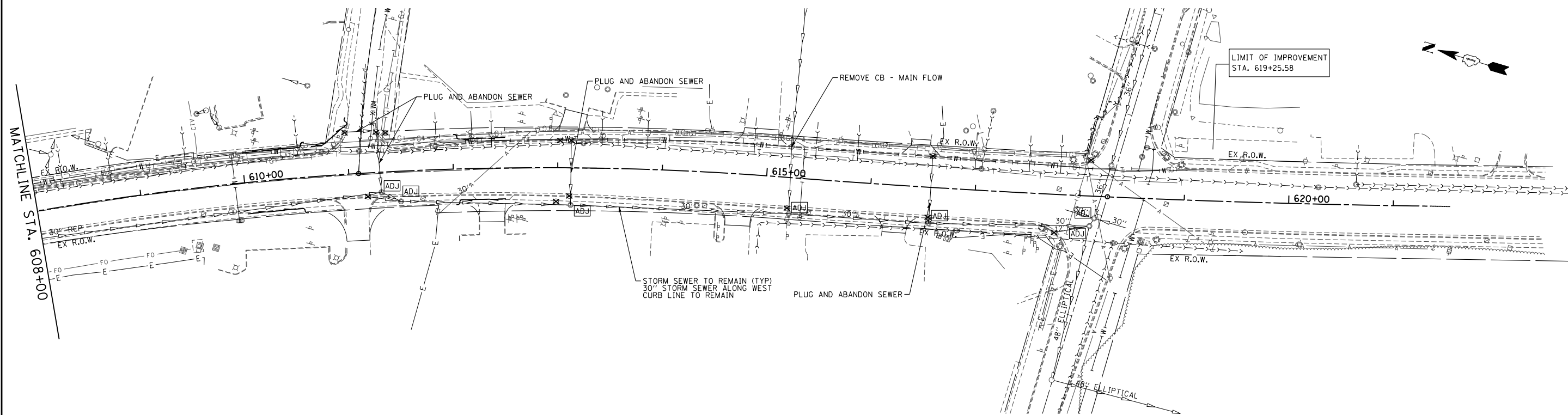
NOTE:  
REFER TO SHEETS 151 TO 162 (WATER MAIN AND SANITARY)  
FOR PROPOSED WATER MAIN AND SANITARY IMPROVEMENTS

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	PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -		SCALE: 1"=50'	SHEET NO. 127 OF 431 SHEETS	STA. 578+00.00 TO STA. 593+00.00	CONTRACT NO. 62517				
	PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISED -		ILLINOIS FED. AID PROJECT							



NOTE:  
REFER TO SHEETS 151 TO 162 (WATER MAIN AND SANITARY)  
FOR PROPOSED WATER MAIN AND SANITARY IMPROVEMENTS

FILE NAME = S:\1606\CADD Sheets\0162517-sht-drain.dwg	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN US ROUTE 14</b>			F.A.P. R.E. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 128
	PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -		SCALE: 1"=50'	SHEET NO. 128 OF 431 SHEETS	STA. 593+00.00 TO STA. 608+00.00	CONTRACT NO. 62517				
	PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISED -		ILLINOIS FED. AID PROJECT							



NOTE:  
REFER TO SHEETS 151 TO 162 (WATER MAIN AND SANITARY)  
FOR PROPOSED WATER MAIN AND SANITARY IMPROVEMENTS

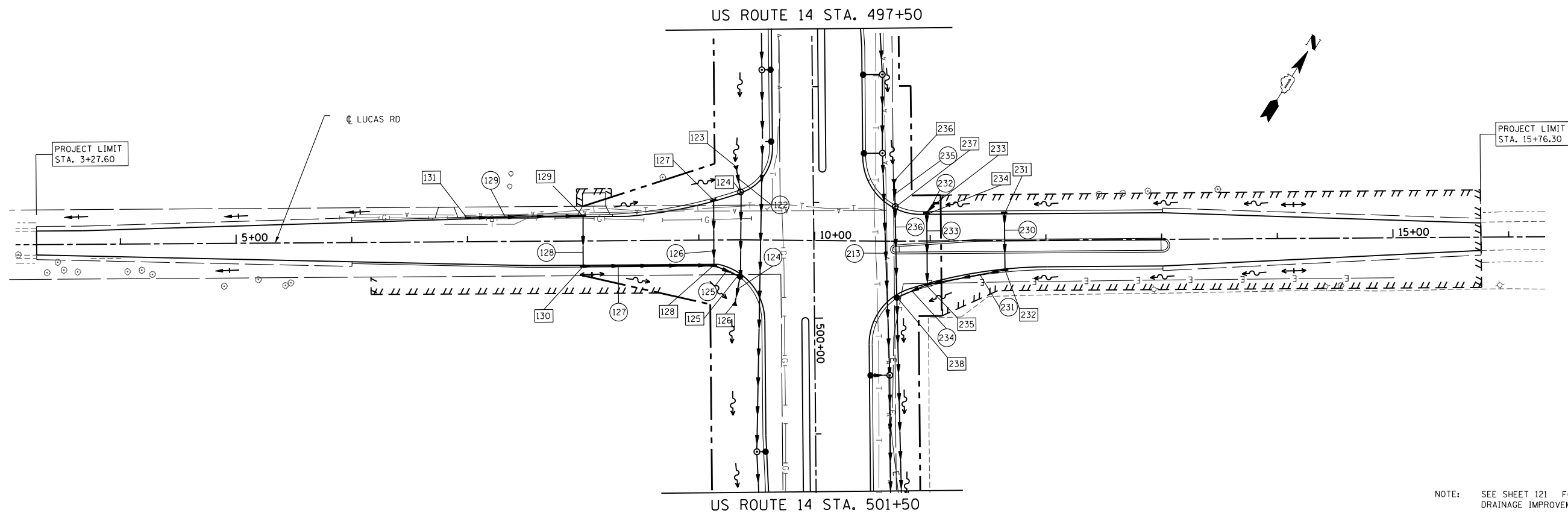
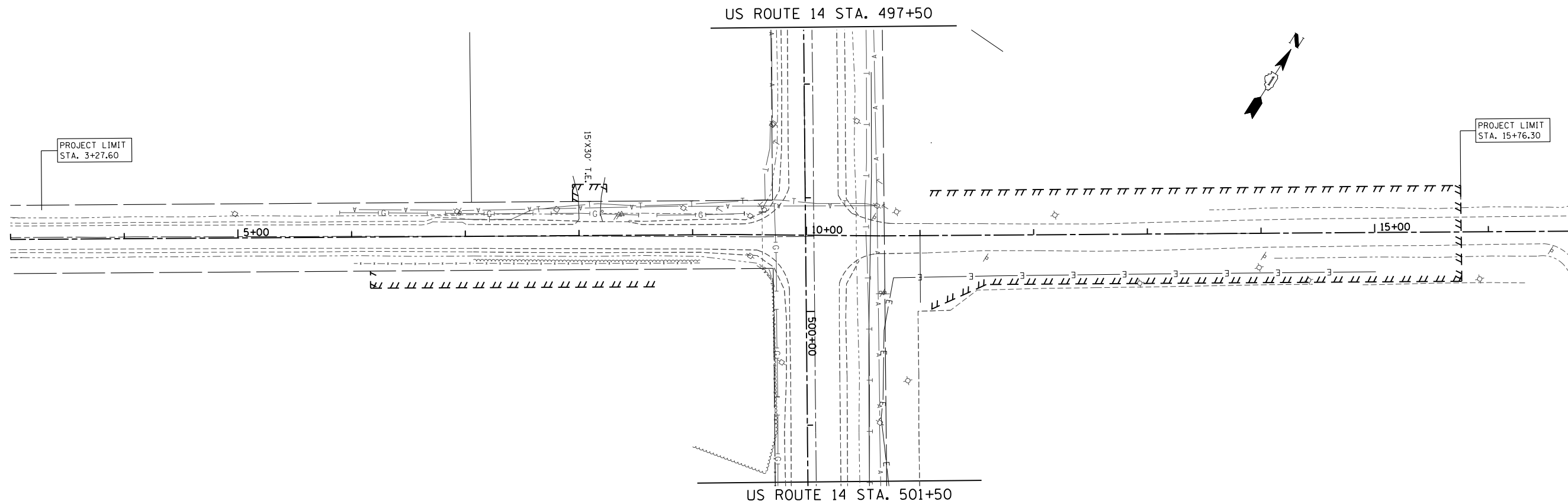
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN  
US ROUTE 14**

SCALE: 1"=50' SHEET NO. 129 OF 431 SHEETS STA. 608+00.00 TO STA. 619+25.58

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	129
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



NOTE: SEE SHEET 121 FOR PROPOSED DRAINAGE IMPROVEMENTS ALONG US 14

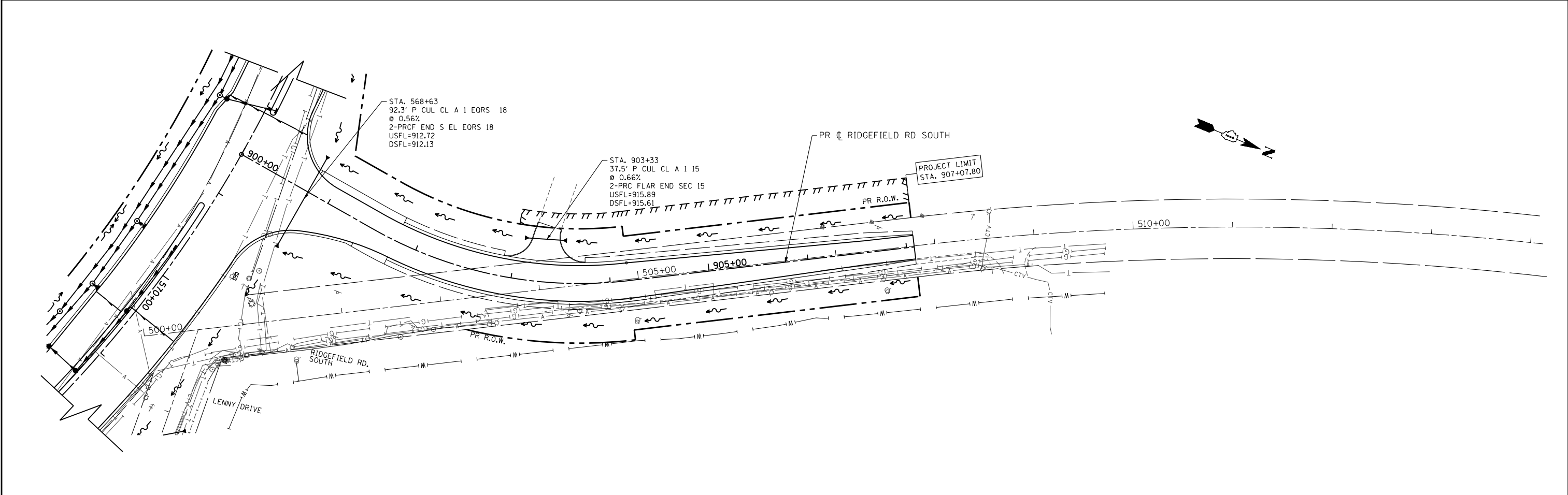
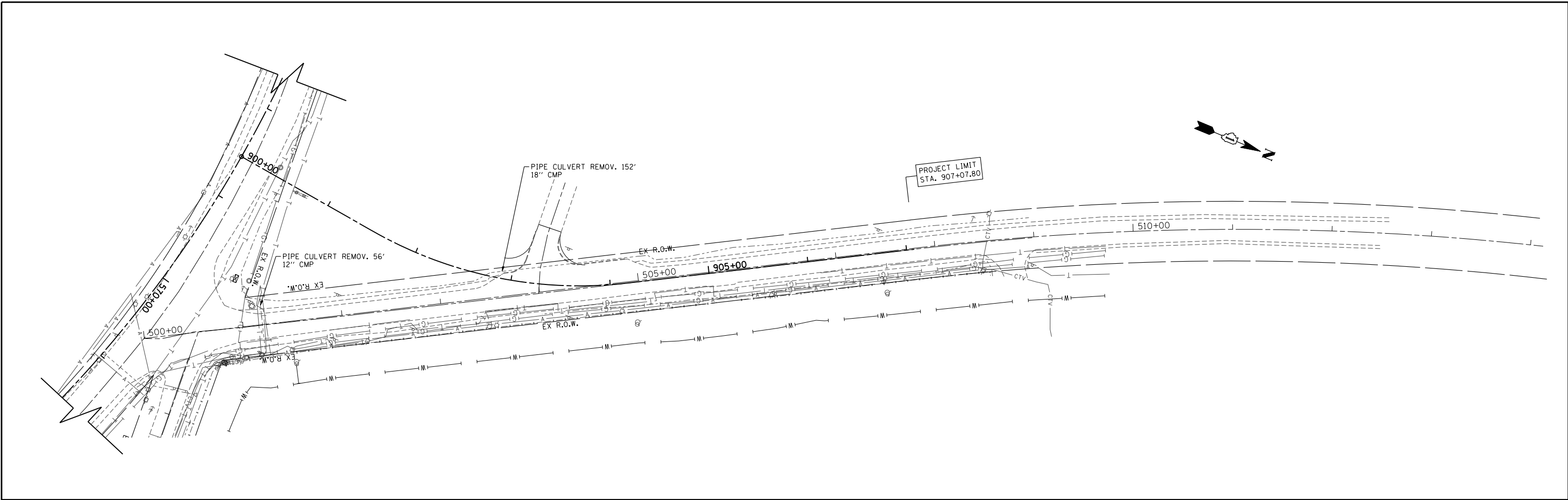
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	PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -
	PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

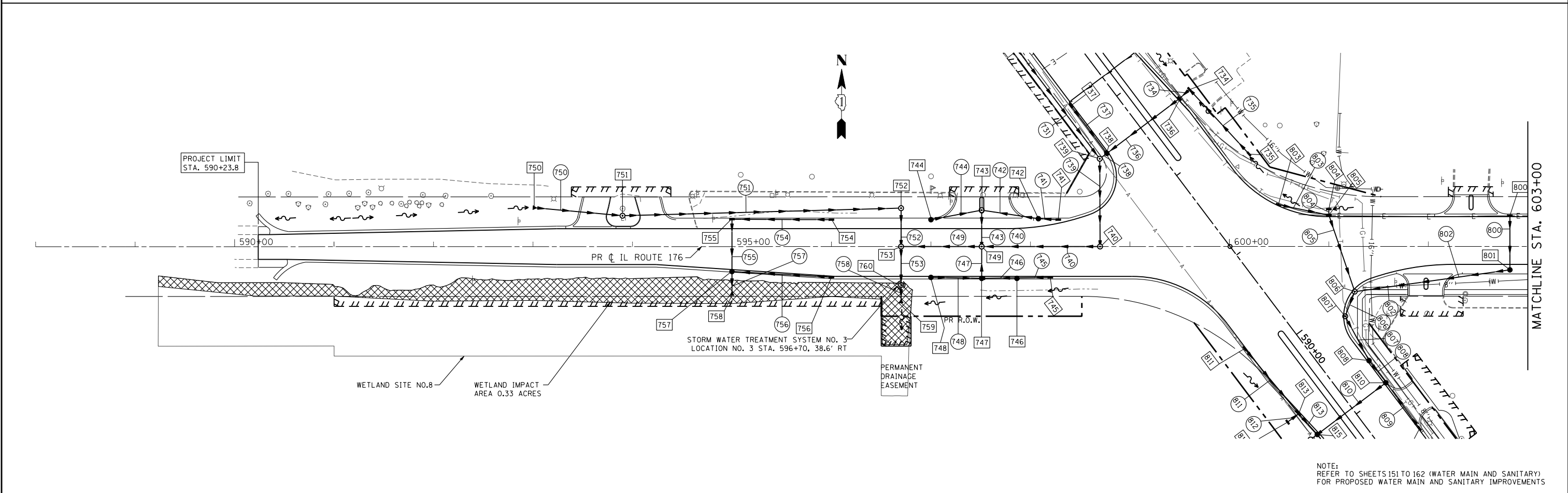
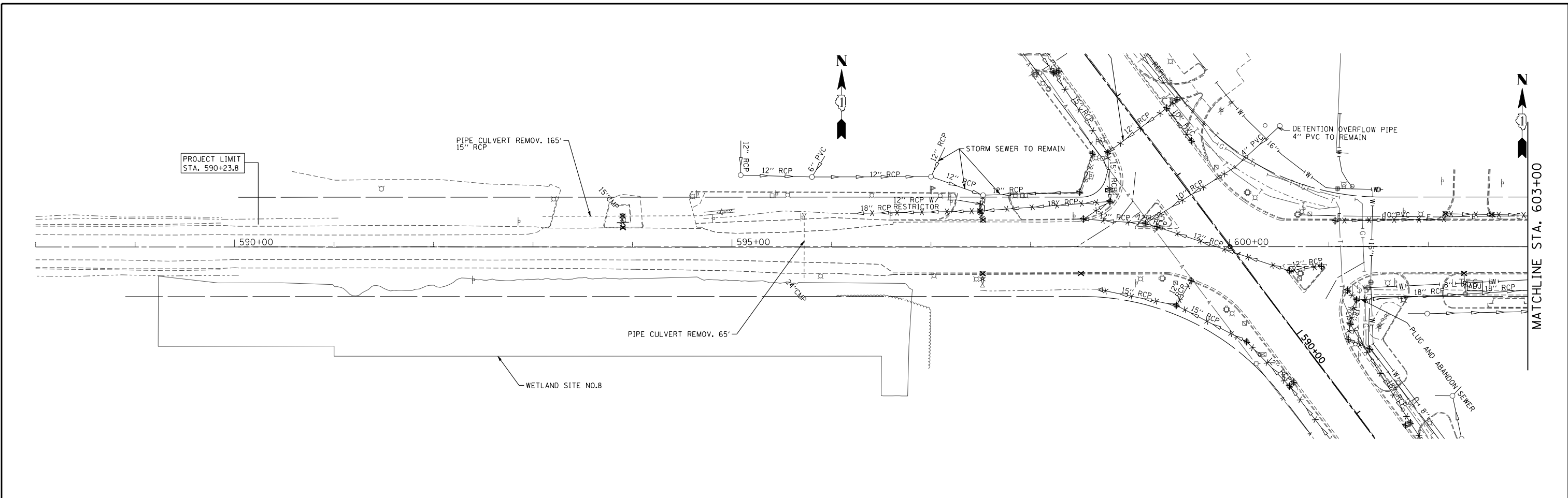
**DRAINAGE AND UTILITY PLAN  
LUCAS RD & COLLEGE ENTRANCE 3 (TARTAN DR)**

SCALE: 1"=50' SHEET NO. 130 OF 431 SHEETS STA. 3+27.60 TO STA. 15+76.30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	130
				CONTRACT NO. 62517
ILLINOIS FED. AID PROJECT				



FILE NAME = S:\1606\CADD Sheets\0162517-sht-drain.dgn	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN RIDGEFIELD ROAD SOUTH</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -	305			27R-3	MCHENRY	431	131	
PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISED -	CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT				
						SCALE: 1"=50'	SHEET NO. 131 OF 431 SHEETS	STA. 900+00.00 TO STA. 907+07.80		



NOTE:  
REFER TO SHEETS 151 TO 162 (WATER MAIN AND SANITARY)  
FOR PROPOSED WATER MAIN AND SANITARY IMPROVEMENTS

FILE NAME = S:\1606\CADD Sheets\0162517-sht-drain.dwg	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -
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	PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISED -

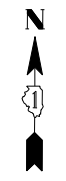
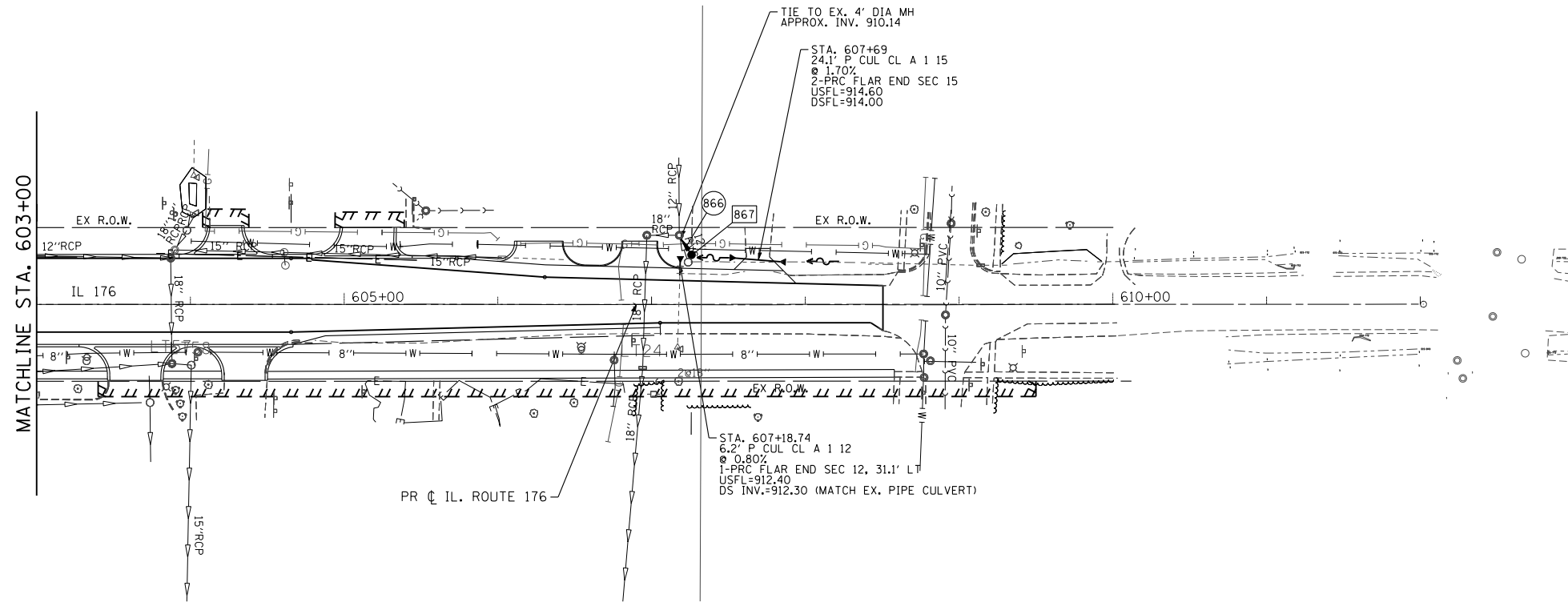
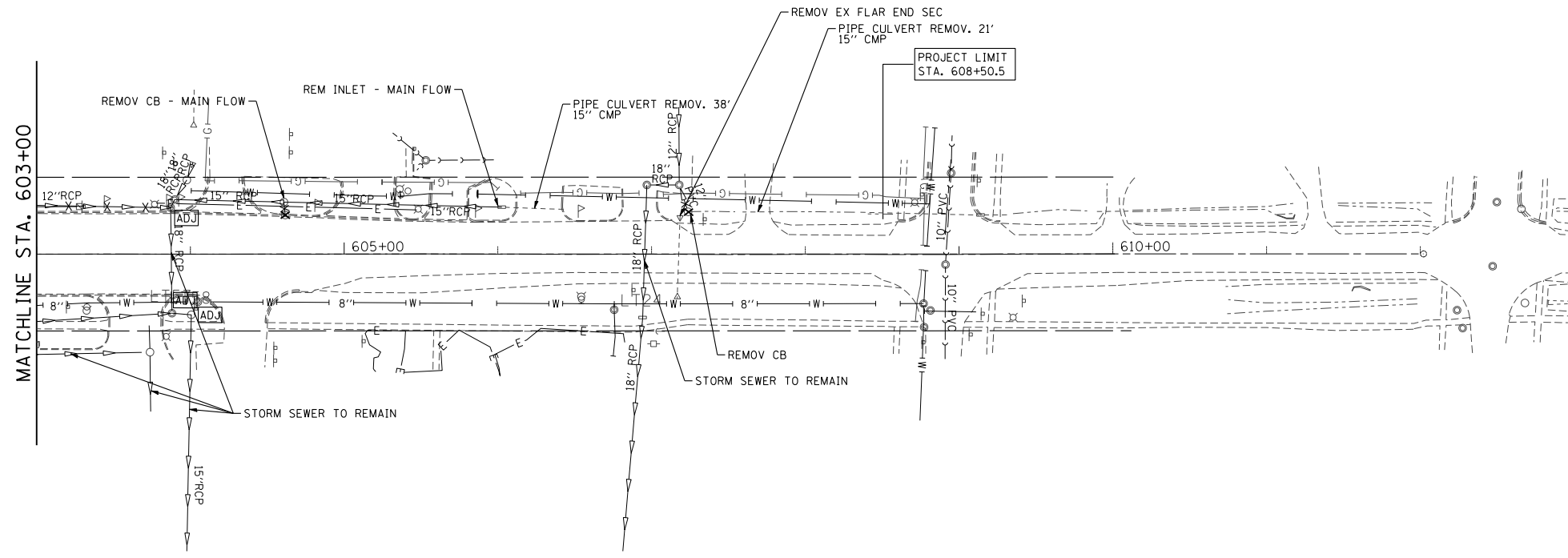
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN  
IL ROUTE 176**

SCALE: 1"=50'      SHEET NO. 132 OF 431 SHEETS      STA. 590+23.80 TO STA. 603+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	132
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				





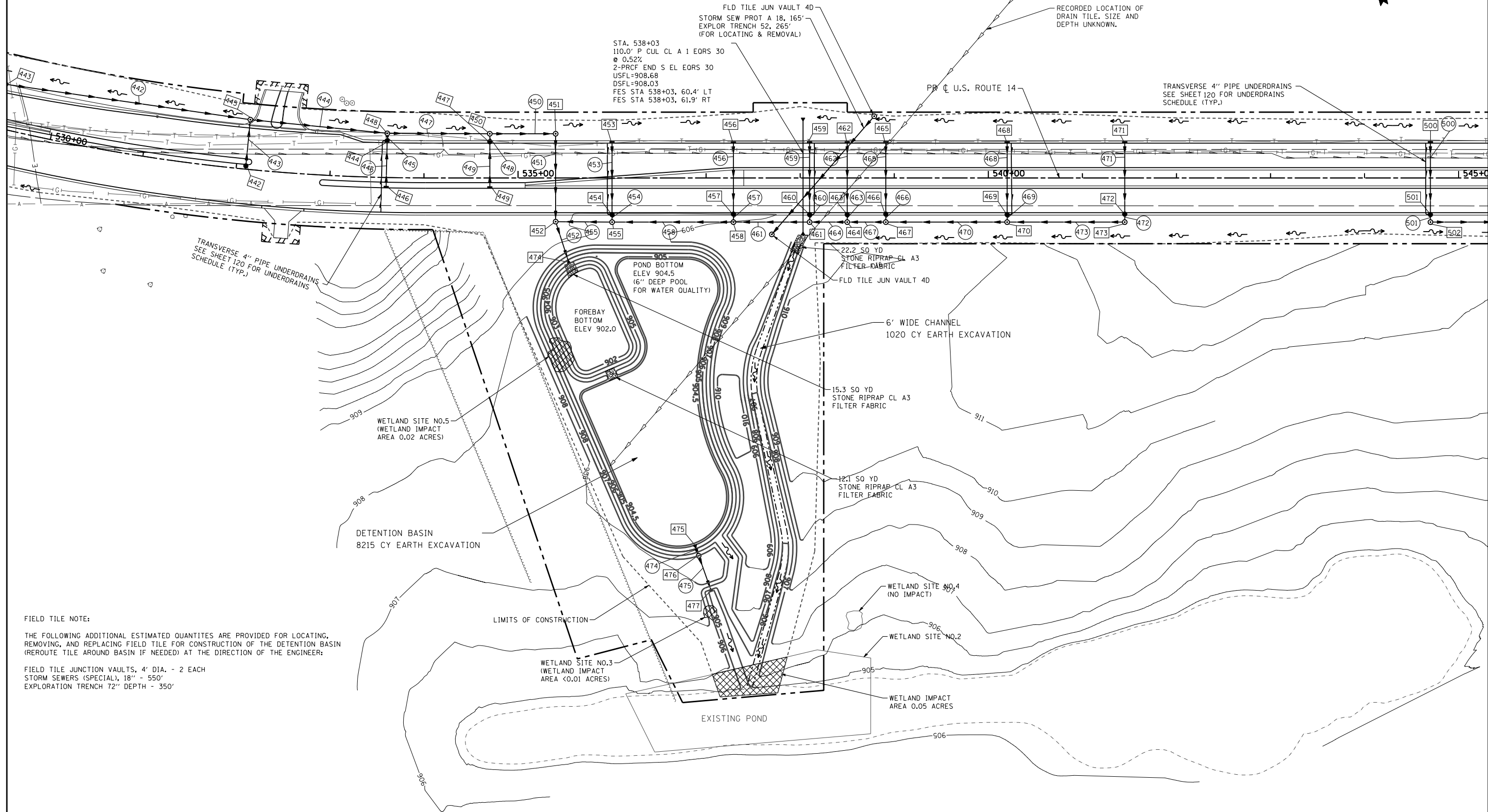
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		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN  
IL ROUTE 176**

SCALE: 1"=50'      SHEET NO. 133 OF 431 SHEETS      STA. 603+00.00 TO STA. 608+50.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	133
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



STA. 538+03  
 110.0' P CUL CL A 1 EORS 30  
 @ 0.52%  
 2-PRCF END S EL EORS 30  
 USFL=908.68  
 DSFL=908.03  
 FES STA 538+03, 60.4' LT  
 FES STA 538+03, 61.9' RT

FLD TILE JUN VAULT 40  
 STORM SEW PROT A 18, 165'  
 EXPLOR TRENCH 52, 265'  
 (FOR LOCATING & REMOVAL)

RECORDED LOCATION OF  
 DRAIN TILE. SIZE AND  
 DEPTH UNKNOWN.

TRANSVERSE 4" PIPE UNDERDRAINS  
 SEE SHEET 120 FOR UNDERDRAINS  
 SCHEDULE (TYP.)

TRANSVERSE 4" PIPE UNDERDRAINS  
 SEE SHEET 120 FOR UNDERDRAINS  
 SCHEDULE (TYP.)

WETLAND SITE NO.5  
 (WETLAND IMPACT  
 AREA 0.02 ACRES)

DETENTION BASIN  
 8215 CY EARTH EXCAVATION

POND BOTTOM  
 ELEV 904.5  
 (6" DEEP POOL  
 FOR WATER QUALITY)

22.2 SQ YD  
 STONE RIPRAP CL A3  
 FILTER FABRIC

6' WIDE CHANNEL  
 1020 CY EARTH EXCAVATION

15.3 SQ YD  
 STONE RIPRAP CL A3  
 FILTER FABRIC

12.1 SQ YD  
 STONE RIPRAP CL A3  
 FILTER FABRIC

WETLAND SITE NO.4  
 (NO IMPACT)

WETLAND SITE NO.2

WETLAND IMPACT  
 AREA 0.05 ACRES

WETLAND SITE NO.3  
 (WETLAND IMPACT  
 AREA <0.01 ACRES)

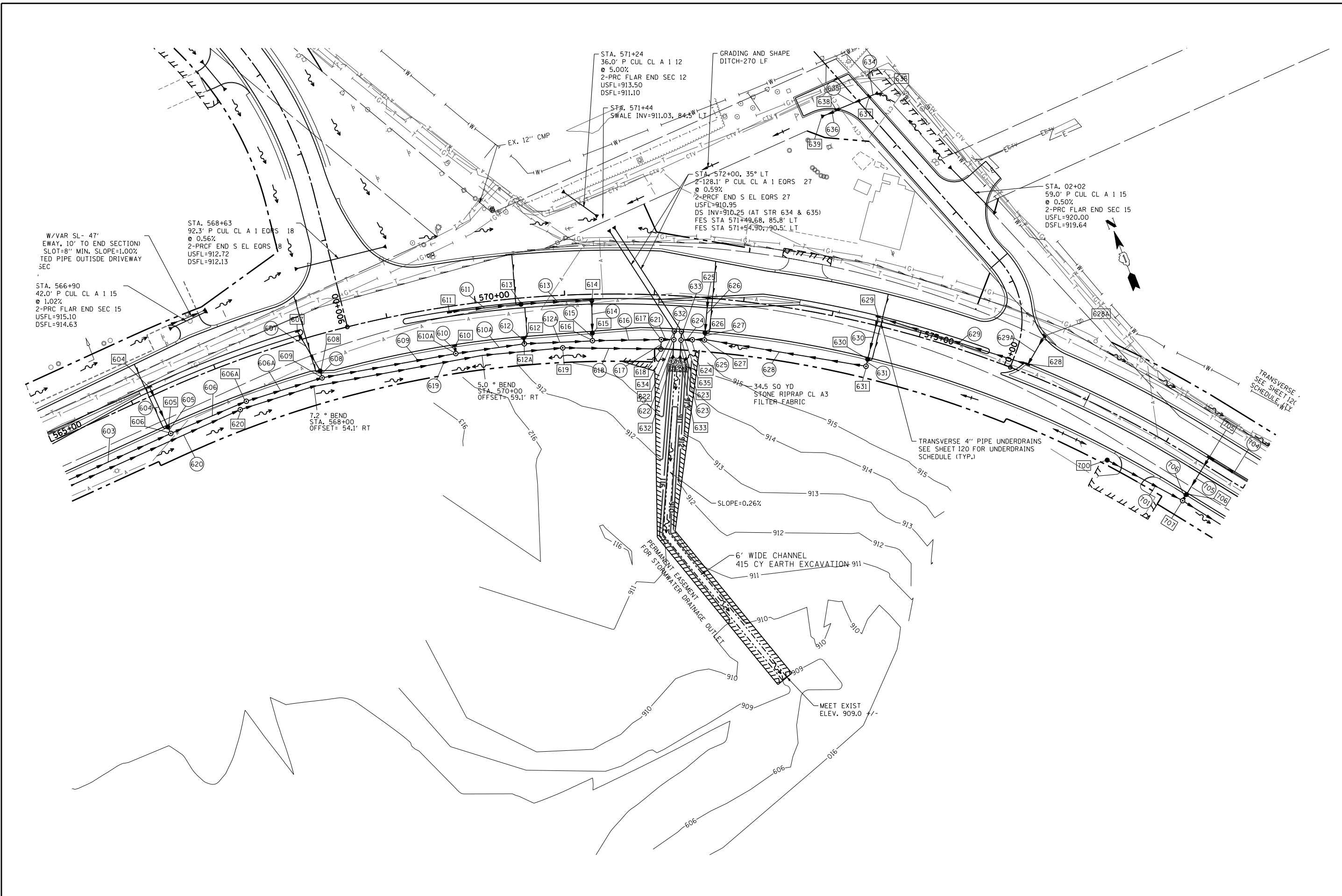
EXISTING POND

**FIELD TILE NOTE:**

THE FOLLOWING ADDITIONAL ESTIMATED QUANTITIES ARE PROVIDED FOR LOCATING, REMOVING, AND REPLACING FIELD TILE FOR CONSTRUCTION OF THE DETENTION BASIN (REROUTE TILE AROUND BASIN IF NEEDED) AT THE DIRECTION OF THE ENGINEER:

FIELD TILE JUNCTION VAULTS, 4" DIA. - 2 EACH  
 STORM SEWERS (SPECIAL), 18" - 550'  
 EXPLORATION TRENCH 72" DEPTH - 350'

FILE NAME = S:\1606\CADD Sheets\0162517-sht-drain.dgn	USER NAME = _USERNAME_	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETENTION BASIN PLAN US ROUTE 14</b>		F.A. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 134	
PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -		SCALE: 1"=50'	SHEET NO. 134 OF 431 SHEETS	STA.	TO STA.	CONTRACT NO. 62517			
PLOT DATE = 11/5/2013	DATE - 10/15/2013	REVISIED -	REVISIED -		ILLINOIS FED. AID PROJECT							



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DESIGNED - AWM  
 DRAWN - DA  
 CHECKED - MGZ  
 DATE - 10/15/2013

REVISED -  
 REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STORMWATER EASEMENT PLAN  
 US ROUTE 14**

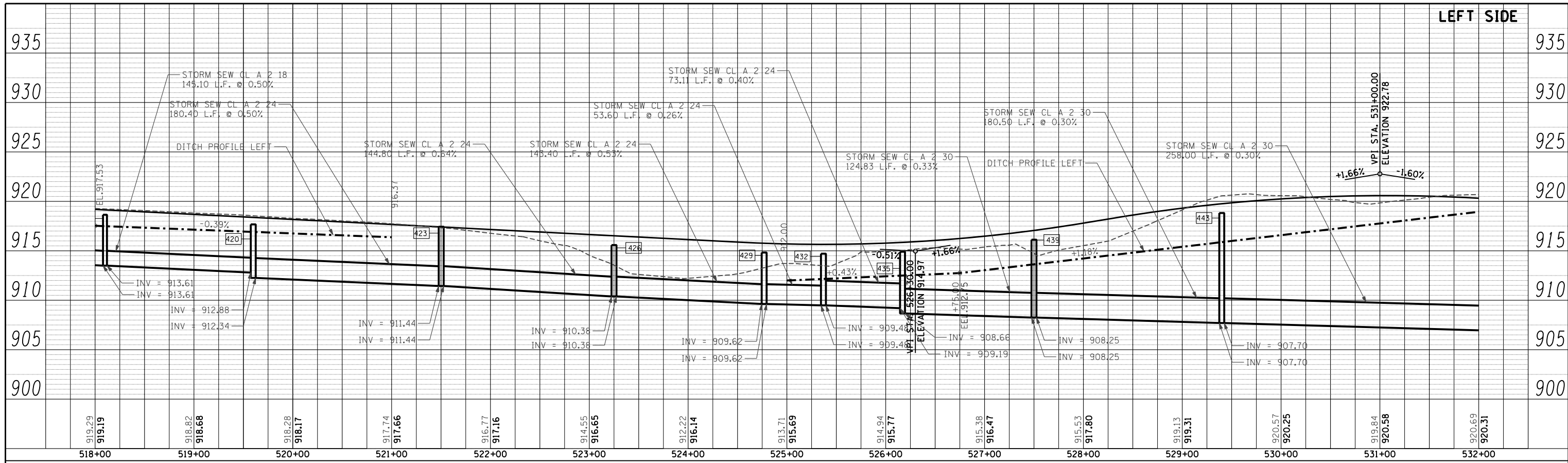
SCALE: 1"=50' SHEET NO. 135 OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	135
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

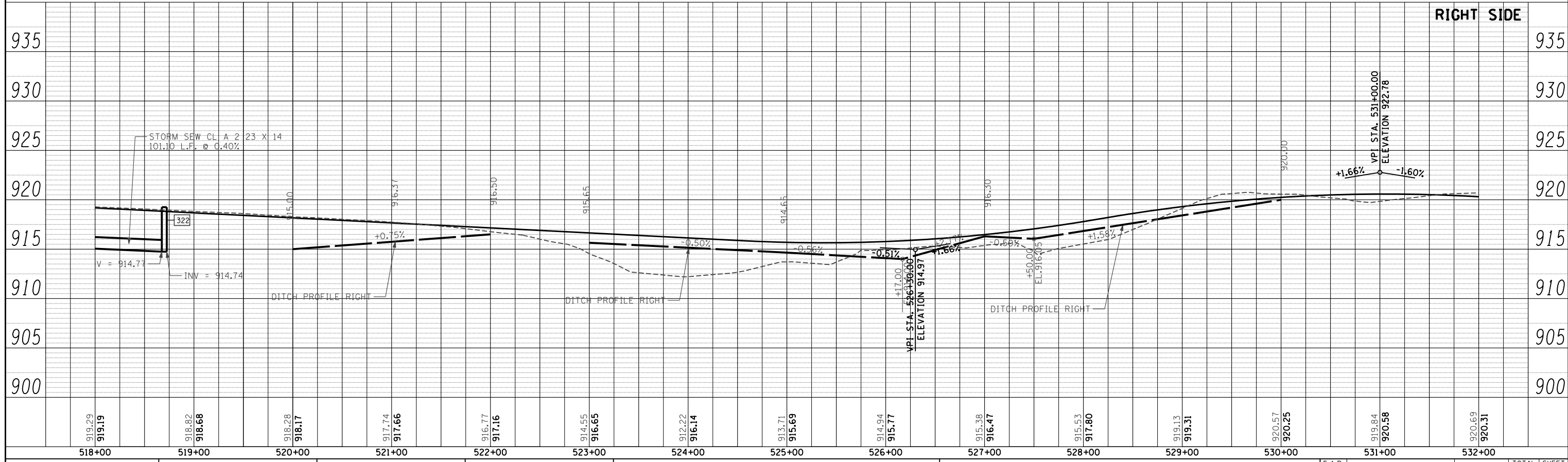




PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	AT		
	WORK		
	FILE NAME		

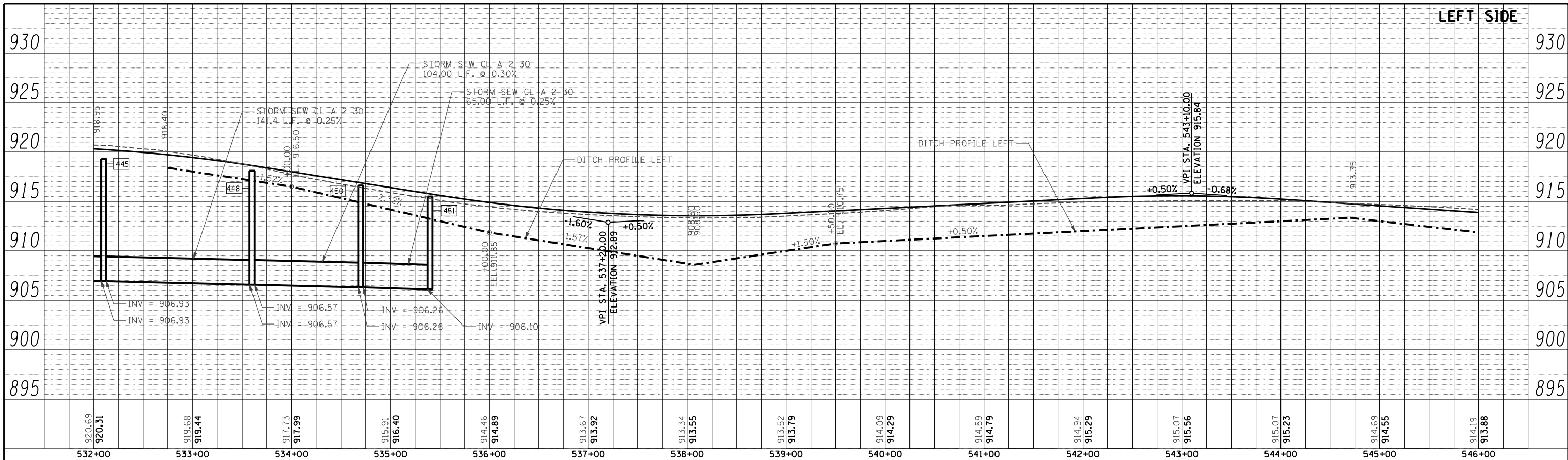


PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	AT		
	WORK		
	FILE NAME		

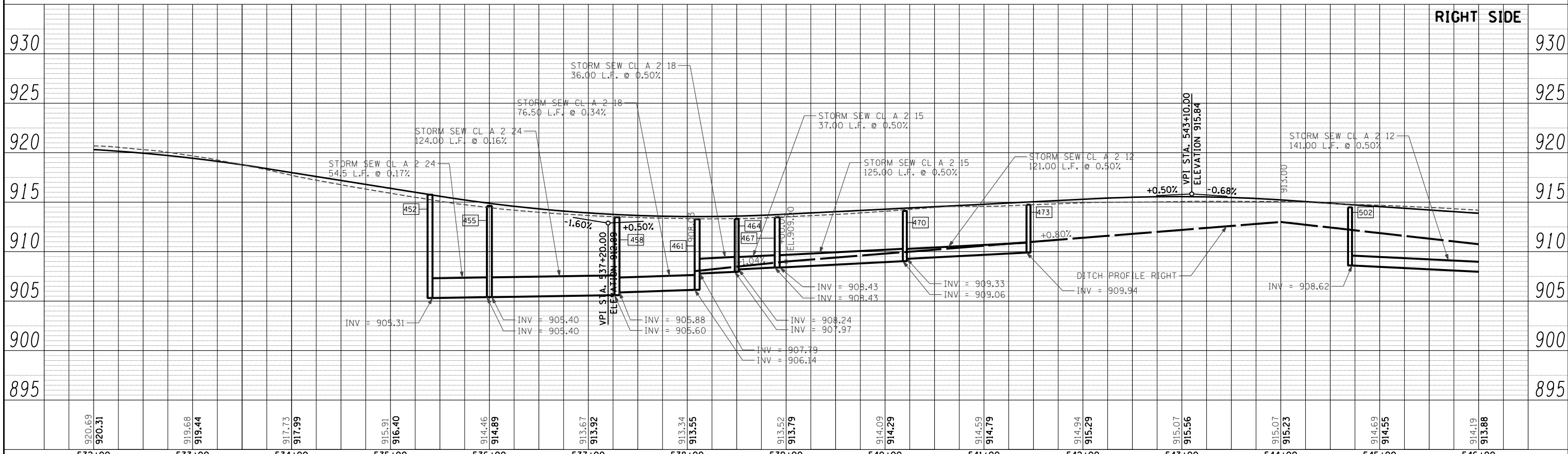


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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -		SCALE: 1"=50'	SHEET NO. 138 OF 431 SHEETS	STA. 518+00.00 TO STA. 532+00.00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/15/2013	DATE - 10/15/2013	REVISIED -	REVISIED -									

PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	APPROVED		
	FILE NAME		
	NO.		

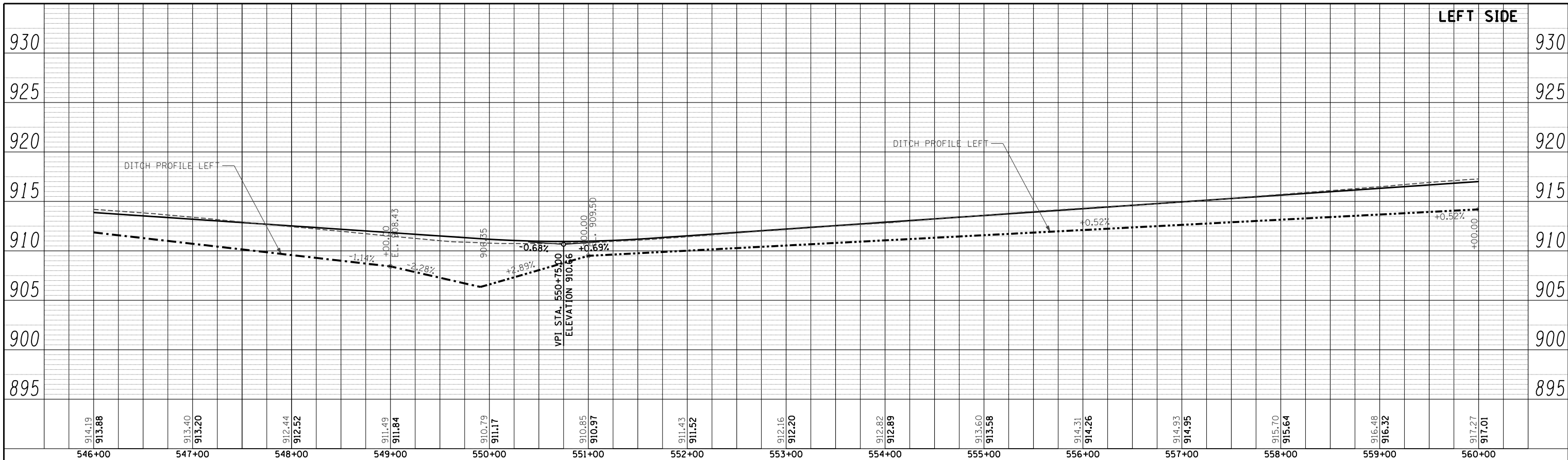


PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

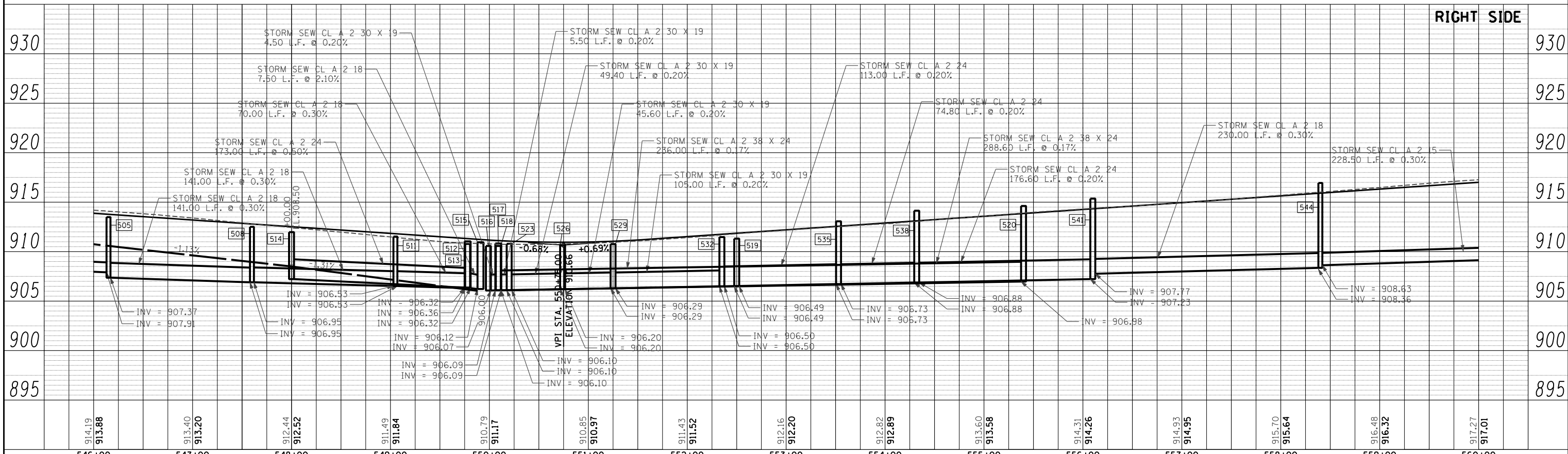


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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISIED -	REVISIED -		SCALE: 1"=50'	SHEET NO. 139 OF 431 SHEETS	STA. 532+00.00 TO STA. 546+00.00	CONTRACT NO. 62517				
PLOT DATE = 10/15/2013	DATE - 10/15/2013	REVISIED -	REVISIED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS	
	NO.	



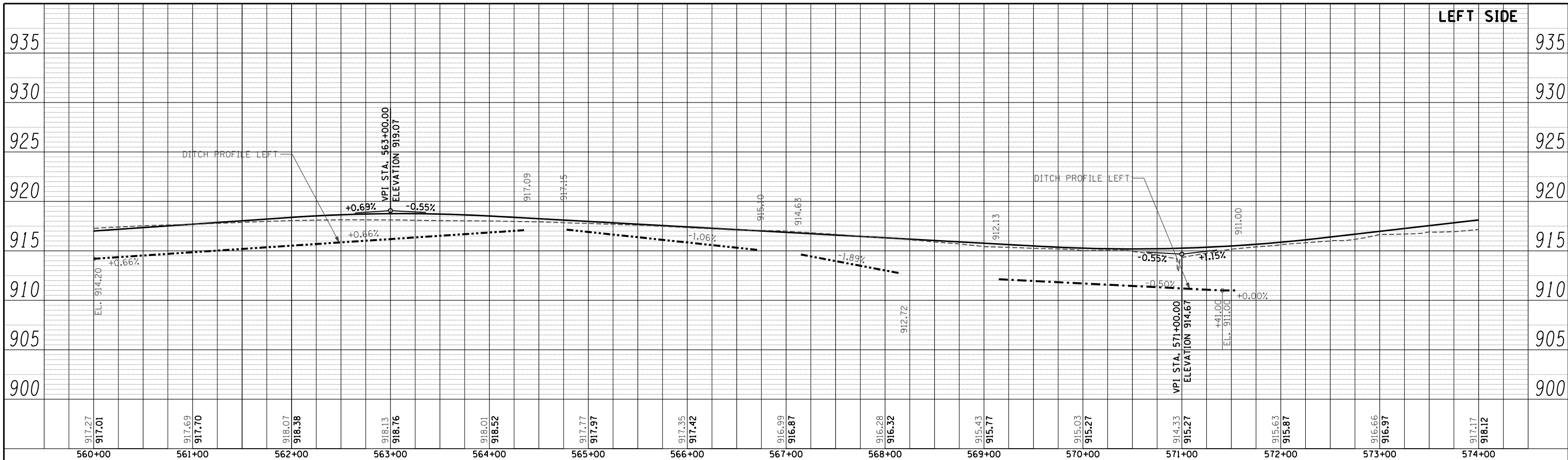
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	NO.	



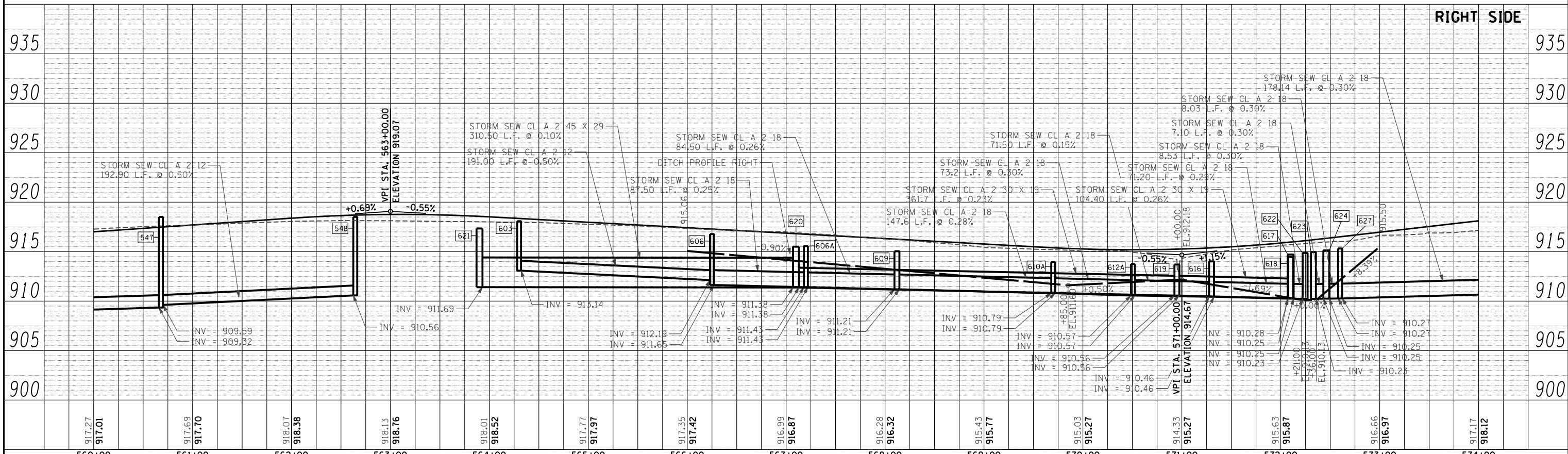
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ss:\1606\CADD Sheets\162517-shd-prof-drain.dgn		DRAWN - DA	REVISED -		SCALE: 1"=50'	SHEET NO. 140 OF 431 SHEETS	STA. 546+00.00 TO STA. 560+00.00	305	27R-3	MCHENRY	431	140
		CHECKED - MGZ	REVISED -		CONTRACT NO. 62517							
		DATE - 10/15/2013	REVISED -		ILLINOIS FED. AID PROJECT							



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	NO. _____	
	FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	NO. _____	
	FILE NAME	



FILE NAME =	USER NAME =	DESIGNED -	REVISED -
S:\1606\CADD Sheets\162517-shd-prof-drain.dgn	._USERNAME.	DA	DA
		DRAWN -	REVISED -
		MGZ	MGZ
		CHECKED -	REVISED -
		DATE -	REVISED -
		10/15/2013	10/15/2013

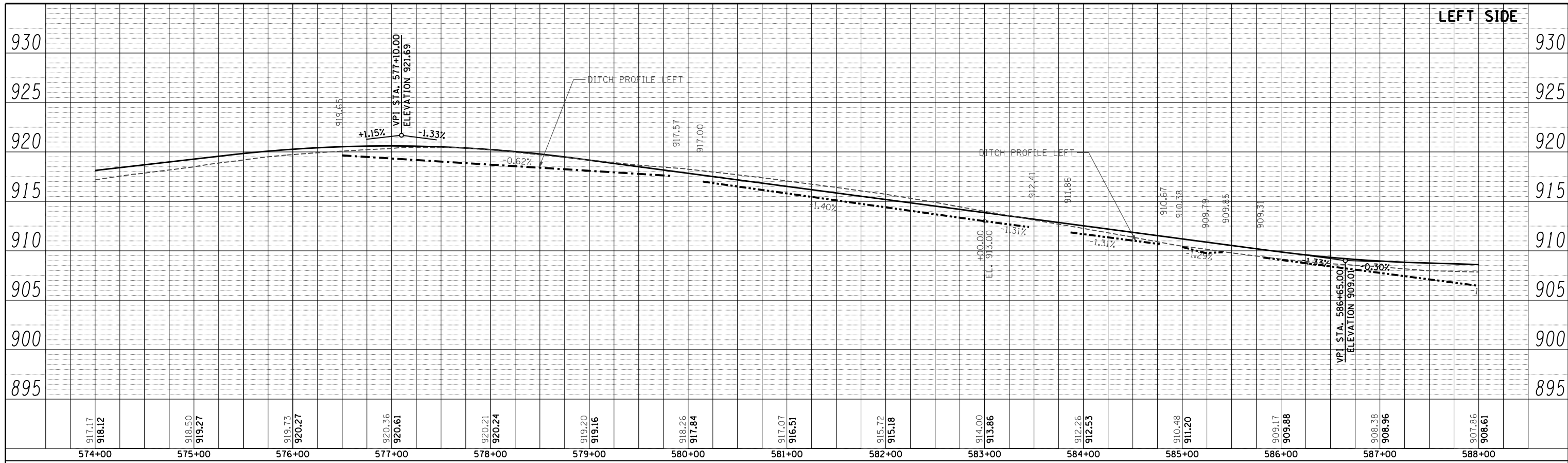
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 14  
DRAINAGE PROFILE**

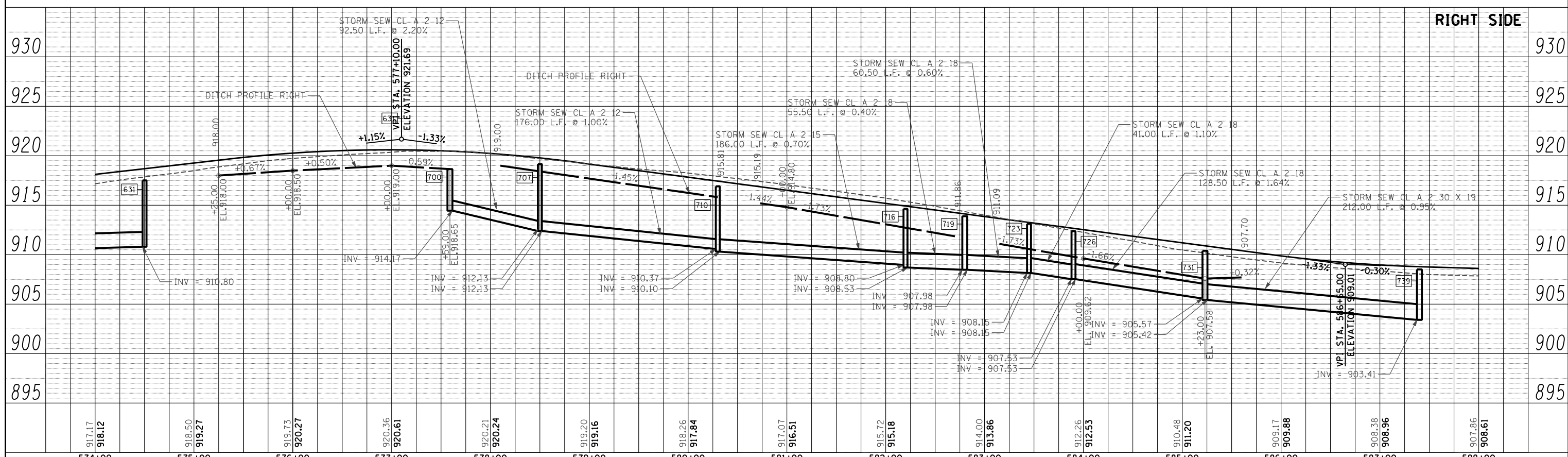
SCALE: 1"=50'      SHEET NO. 141 OF 431 SHEETS      STA. 560+00.00 TO STA. 574+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	141
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	CHECKED		
	AT		
	NO.		
	FILE NAME		



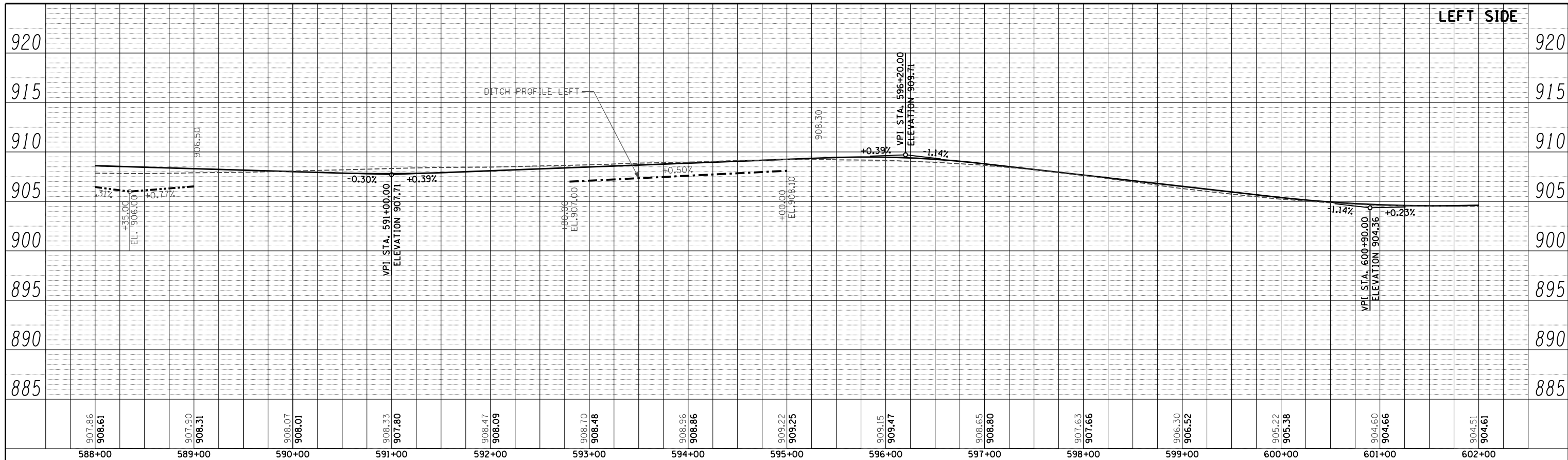
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
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	AT		
	NO.		
	FILE NAME		



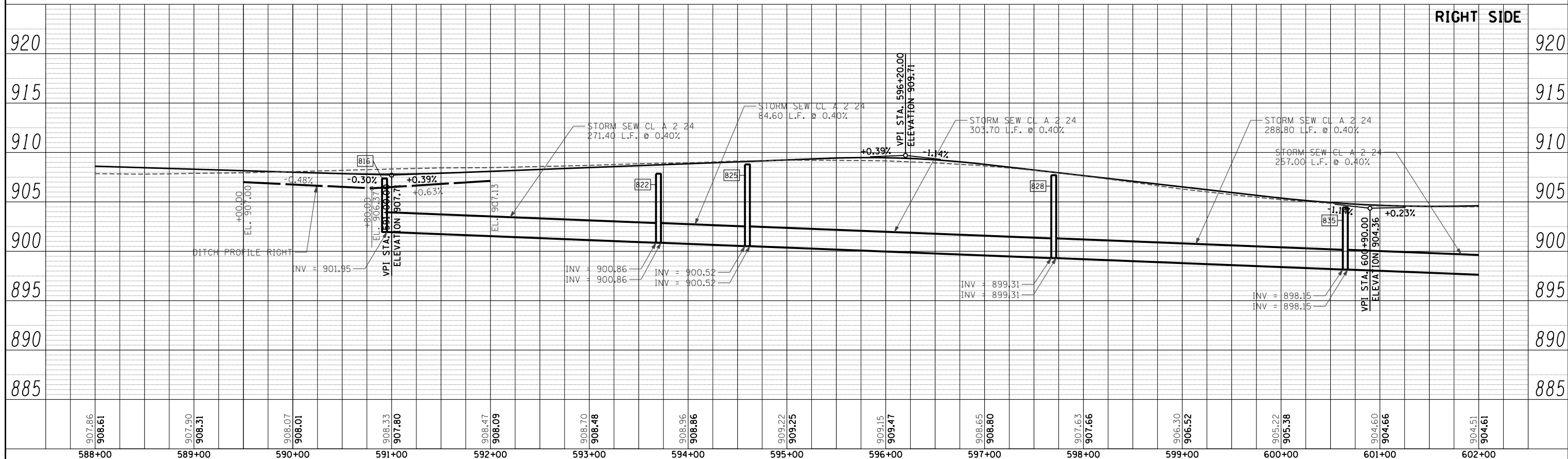
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ss:\1606\CADD Sheets\162517-shd-prof-drain.dgn		DRAWN - DA	REVISED -			305	27R-3	MCHENRY	431	142
PLOT SCALE = 100.0000' / IN.		CHECKED - MGZ	REVISED -			CONTRACT NO. 62517				
PLOT DATE = 10/15/2013		DATE - 10/15/2013	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=50'      SHEET NO. 142 OF 431 SHEETS      STA. 574+00.00 TO STA. 588+00.00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



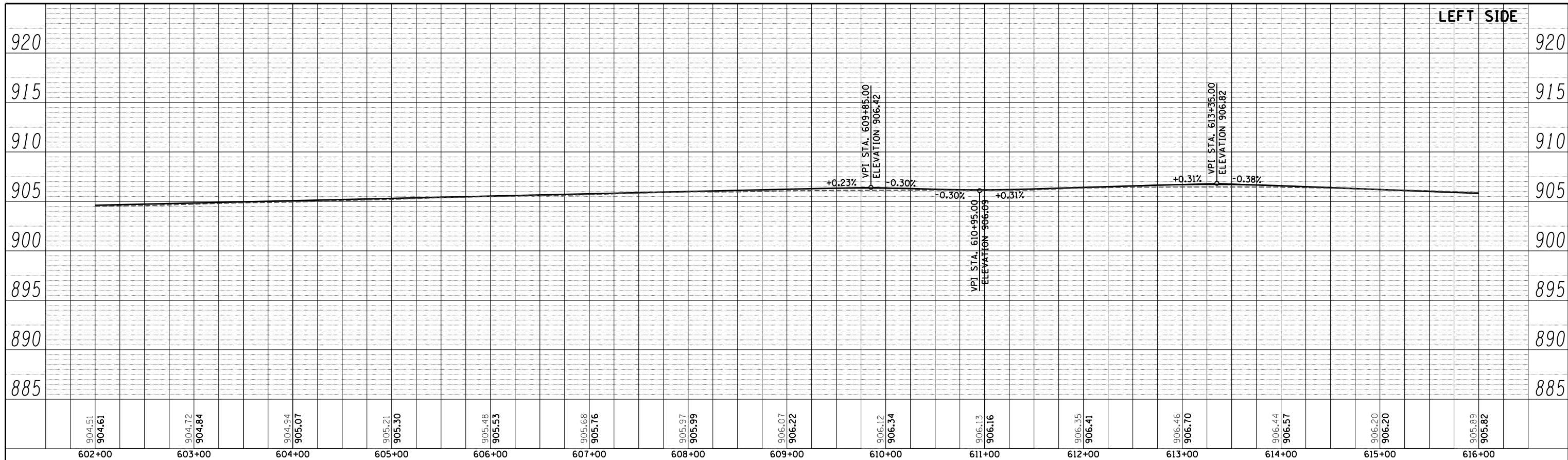
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



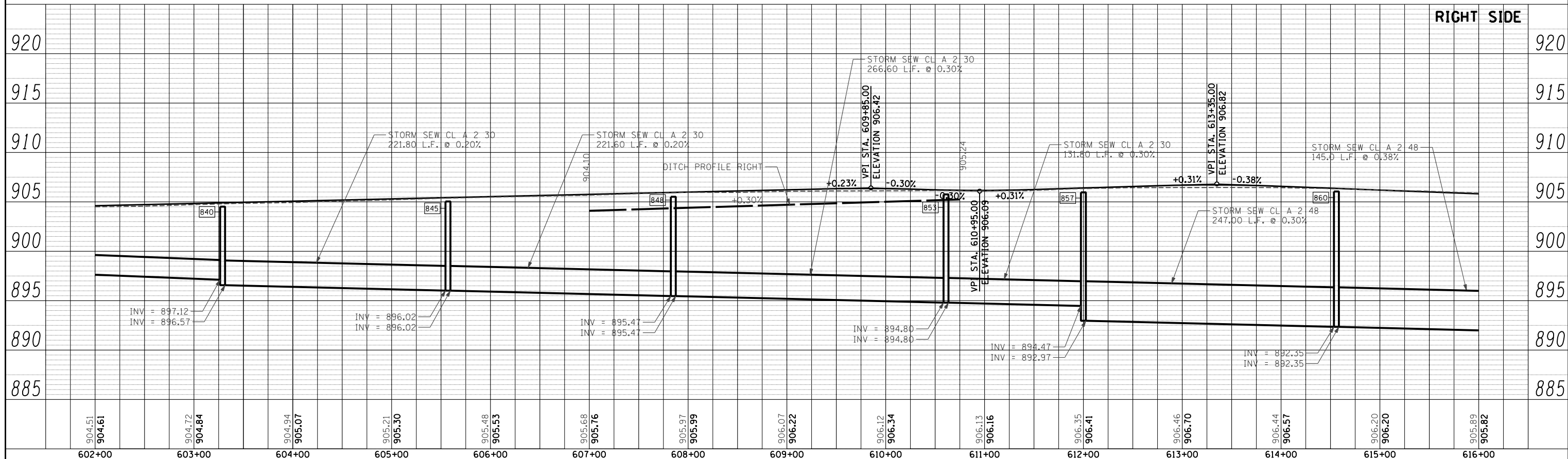
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S:\1606\CADD Sheets\162517-shr-prof-drain.dgn		DRAWN - DA	REVISED -			305	27R-3	MCHENRY	431	143
PLOT SCALE = 100.0000' / IN.		CHECKED - MGZ	REVISED -			CONTRACT NO. 62517				
PLOT DATE = 10/15/2013		DATE - 10/15/2013	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=50'      SHEET NO. 143 OF 431 SHEETS      STA. 588+00.00 TO STA. 602+00.00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CHECKED BY		
	DATE		
	CADD FILE NAME		

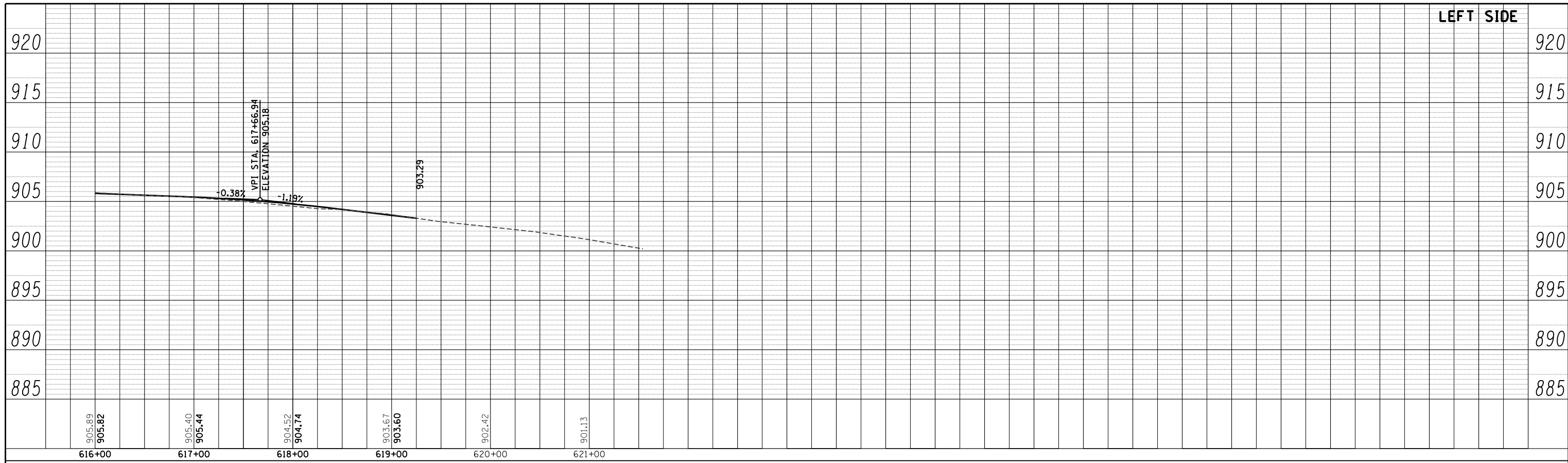


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CHECKED BY		
	DATE		
	CADD FILE NAME		

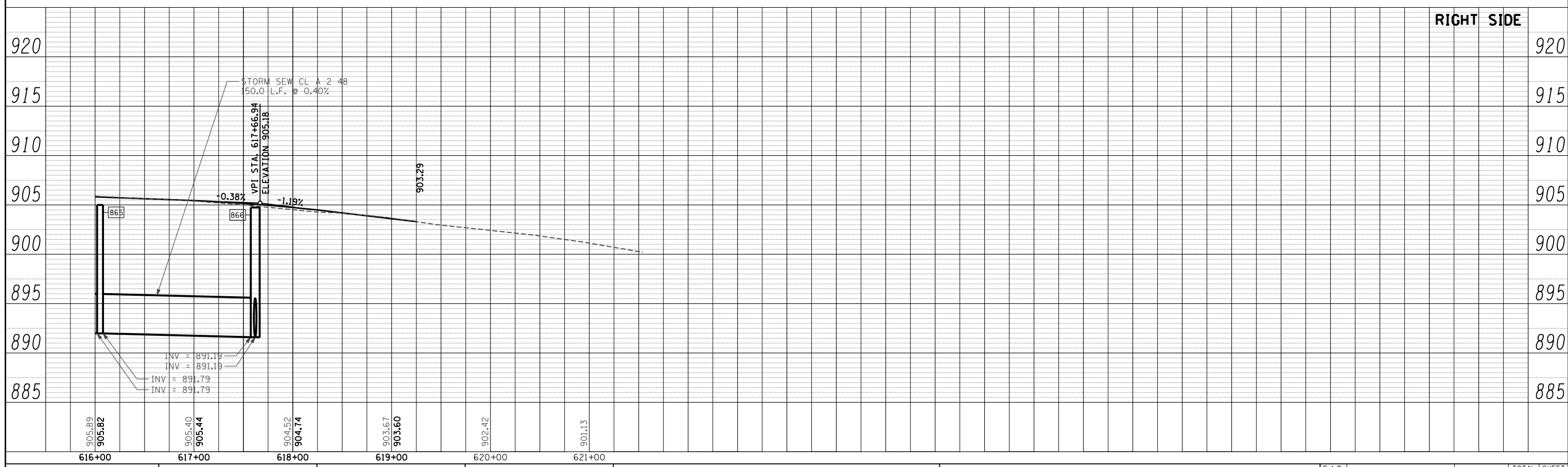


FILE NAME =	USER NAME = .USERNAME.	DESIGNED - DA	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>U.S. ROUTE 14 DRAINAGE PROFILE</b>	F.A.P. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 144
CONTRACT NO. 62517	SCALE: 1"=50'	SHEET NO. 144 OF 431 SHEETS	STA. 602+00.00 TO STA. 616+00.00			ILLINOIS FED. AID PROJECT				
PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -								
PLOT DATE = 10/15/2013	DATE - 10/15/2013	REVISED -								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



FILE NAME =	USER NAME =	DESIGNED -	REVISIED -
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		CHECKED -	REVISIED -
		MGZ	
		DATE -	REVISIED -
		10/15/2013	

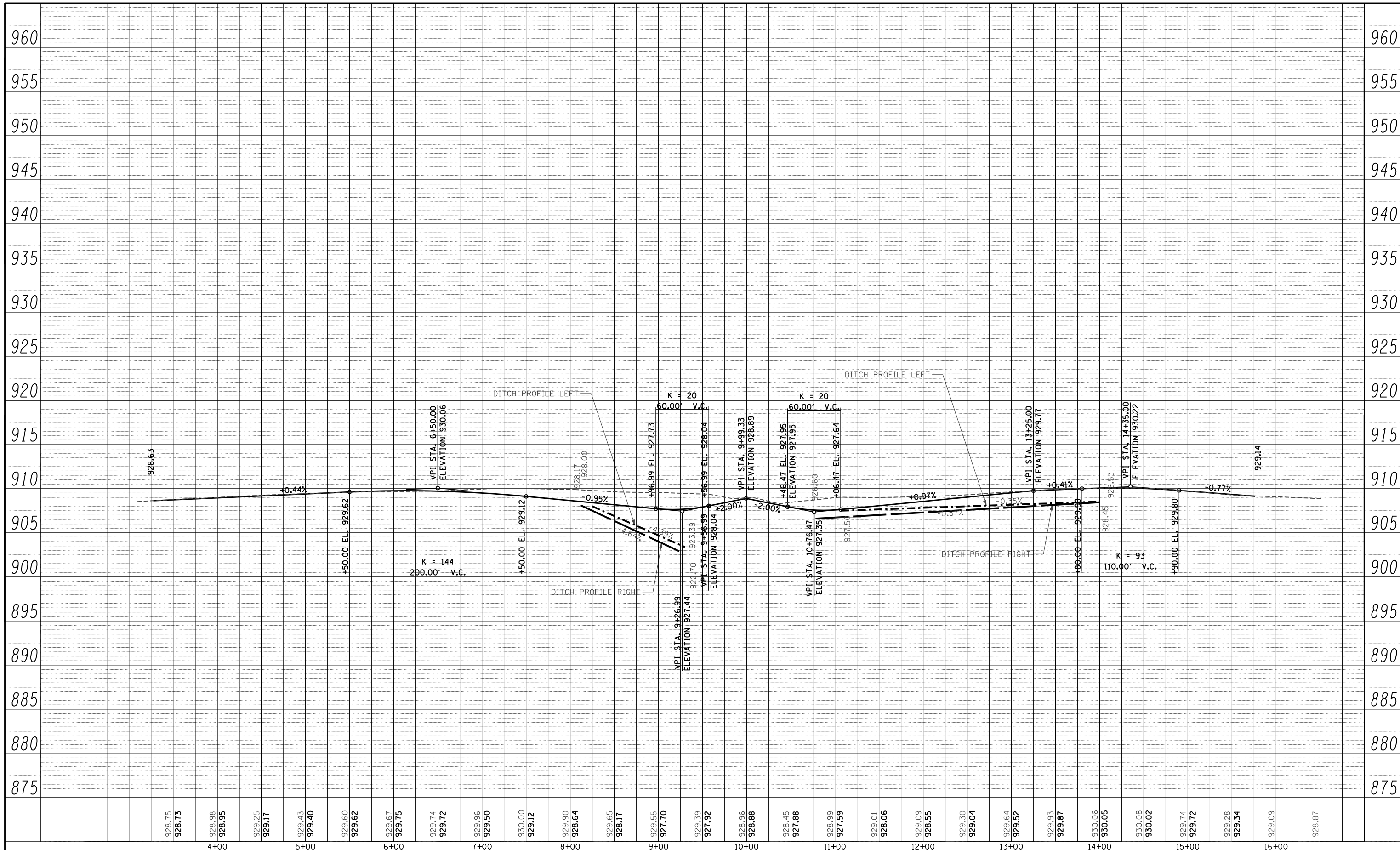
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>U.S. ROUTE 14 DRAINAGE PROFILE</b>		
SCALE: 1"=50'	SHEET NO. 145 OF 431 SHEETS	STA. 616+00.00 TO STA. 619+25.58

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	145
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	ALIGNED		
	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		



928.75 <b>928.73</b>	4+00	929.43 <b>929.40</b>	5+00	929.60 <b>929.62</b>	6+00	929.74 <b>929.72</b>	7+00	930.00 <b>929.12</b>	8+00	929.90 <b>928.64</b>	929.65 <b>928.17</b>	929.55 <b>927.70</b>	929.39 <b>927.92</b>	928.96 <b>928.88</b>	928.45 <b>927.88</b>	928.99 <b>927.59</b>	929.01 <b>928.06</b>	929.09 <b>928.55</b>	929.30 <b>929.04</b>	929.64 <b>929.52</b>	929.93 <b>929.87</b>	930.06 <b>930.05</b>	930.08 <b>930.02</b>	929.74 <b>929.72</b>	929.28 <b>929.34</b>	929.09	928.87
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PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	DRAWN - DA	REVISED -
PLOT DATE = 10/15/2013	DATE - 10/15/2013		REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

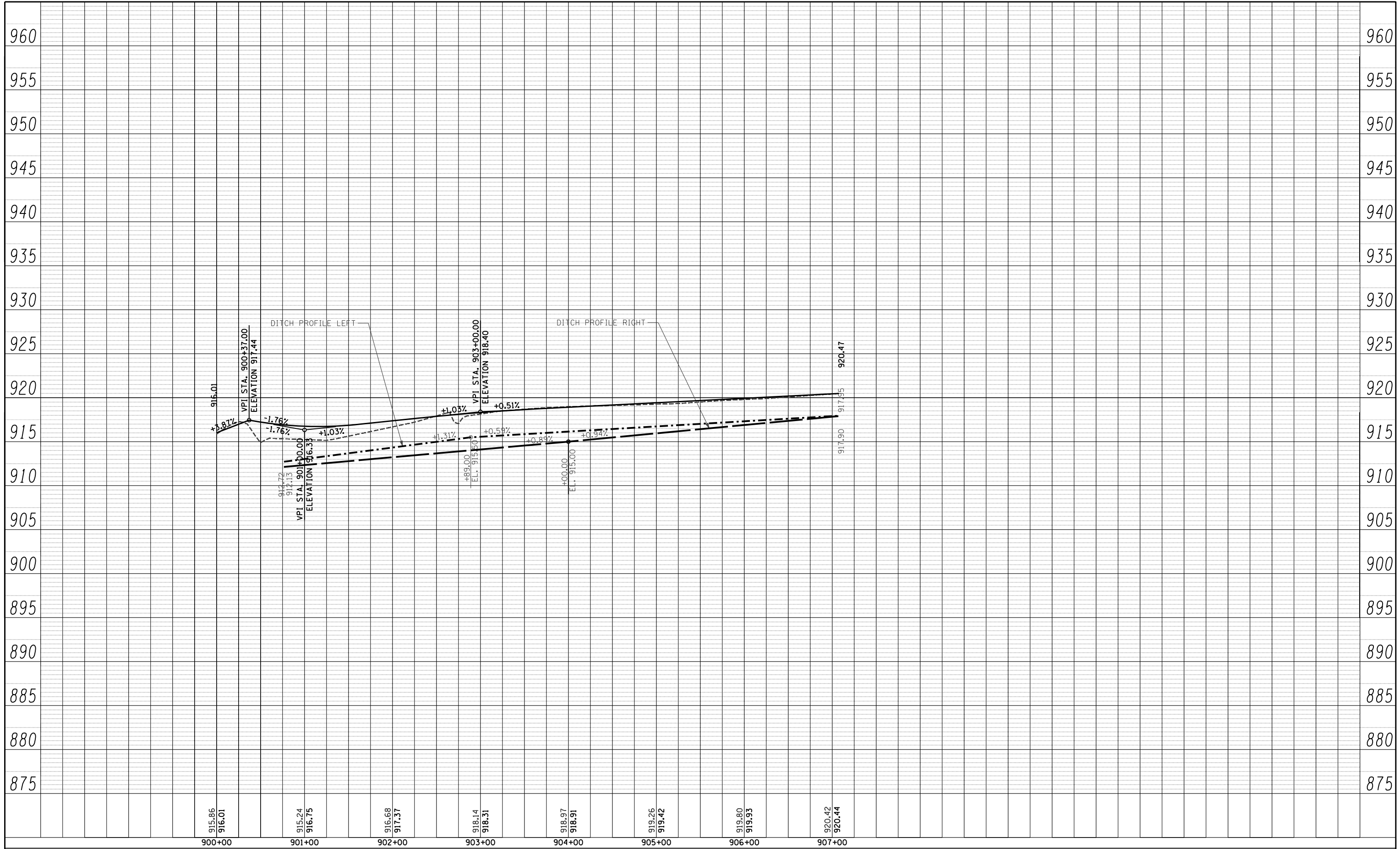
**LUCAS RD AND COLLEGE ENTRANCE #3 (TARTAN RD)  
PROFILE**

SCALE: 1"=50'      SHEET NO. 146 OF 431 SHEETS      STA. 3+27.60 TO STA. 15+76.30

F.A.P. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 146
CONTRACT NO. 62517			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



FILE NAME =	USER NAME = .USERNAME.	DESIGNED - DA	REVISED -
ss:\1606\CADD Sheets\162517-shr-prof-drain.dgn		DRAWN - DA	REVISED -
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		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

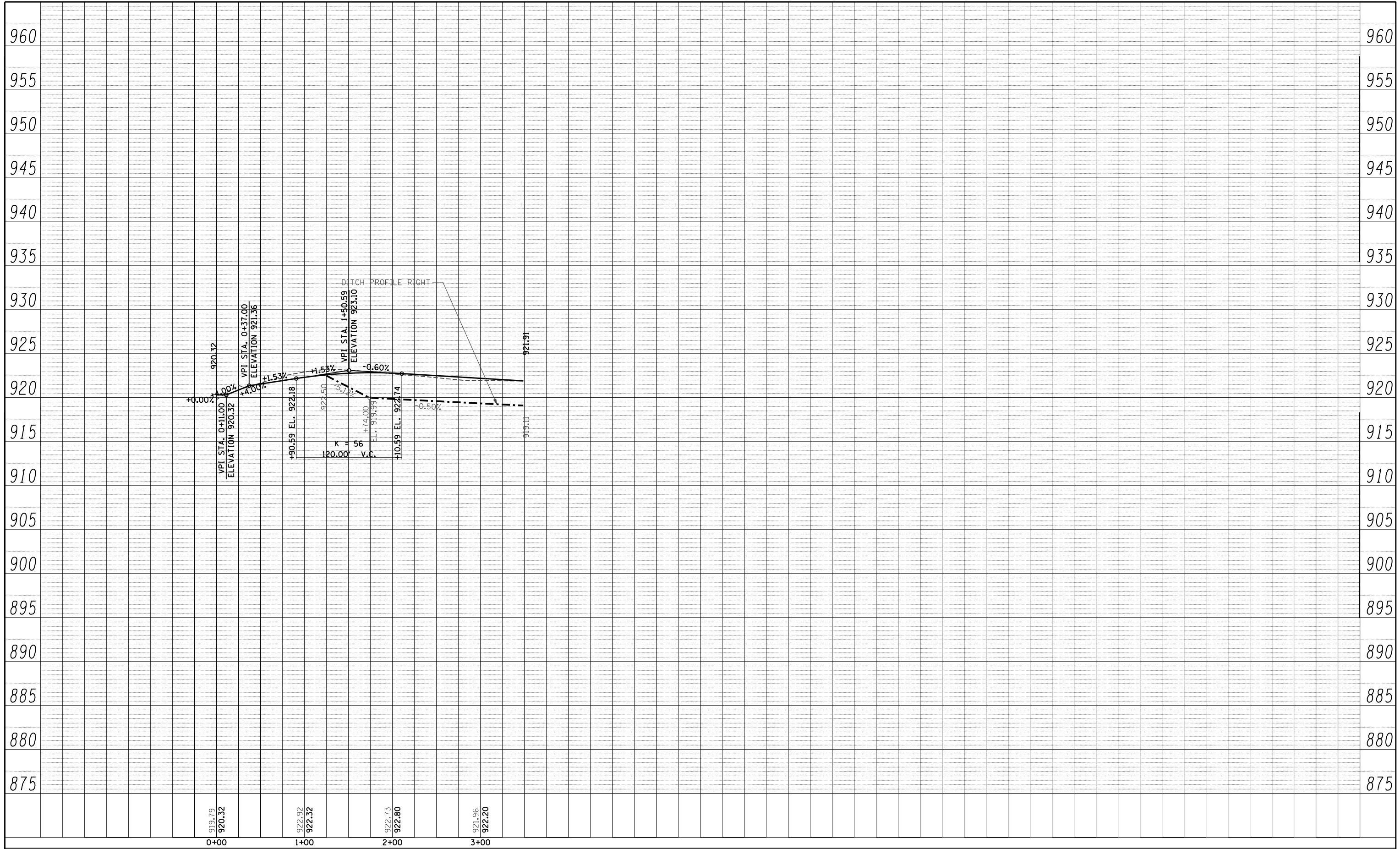
**RIDGEFIELD ROAD SOUTH  
DRAINAGE PROFILE**

SCALE: 1"=50'      SHEET NO. 147 OF 431 SHEETS      STA. 900+00.00 TO STA. 907+07.80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	147
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFF		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFF		
	NOTE BOOK NO.		
	CADD FILE NAME		



FILE NAME =	USER NAME =	DESIGNED -	REVISED -
S:\1606\CADD Sheets\162517-shit-prof-drain.dgn	._USERNAME.	DA	DA
		DRAWN -	REVISED -
		DA	DA
		CHECKED -	REVISED -
		MGZ	MGZ
		DATE -	REVISED -
		10/15/2013	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LENNY DRIVE  
DRAINAGE PROFILE**

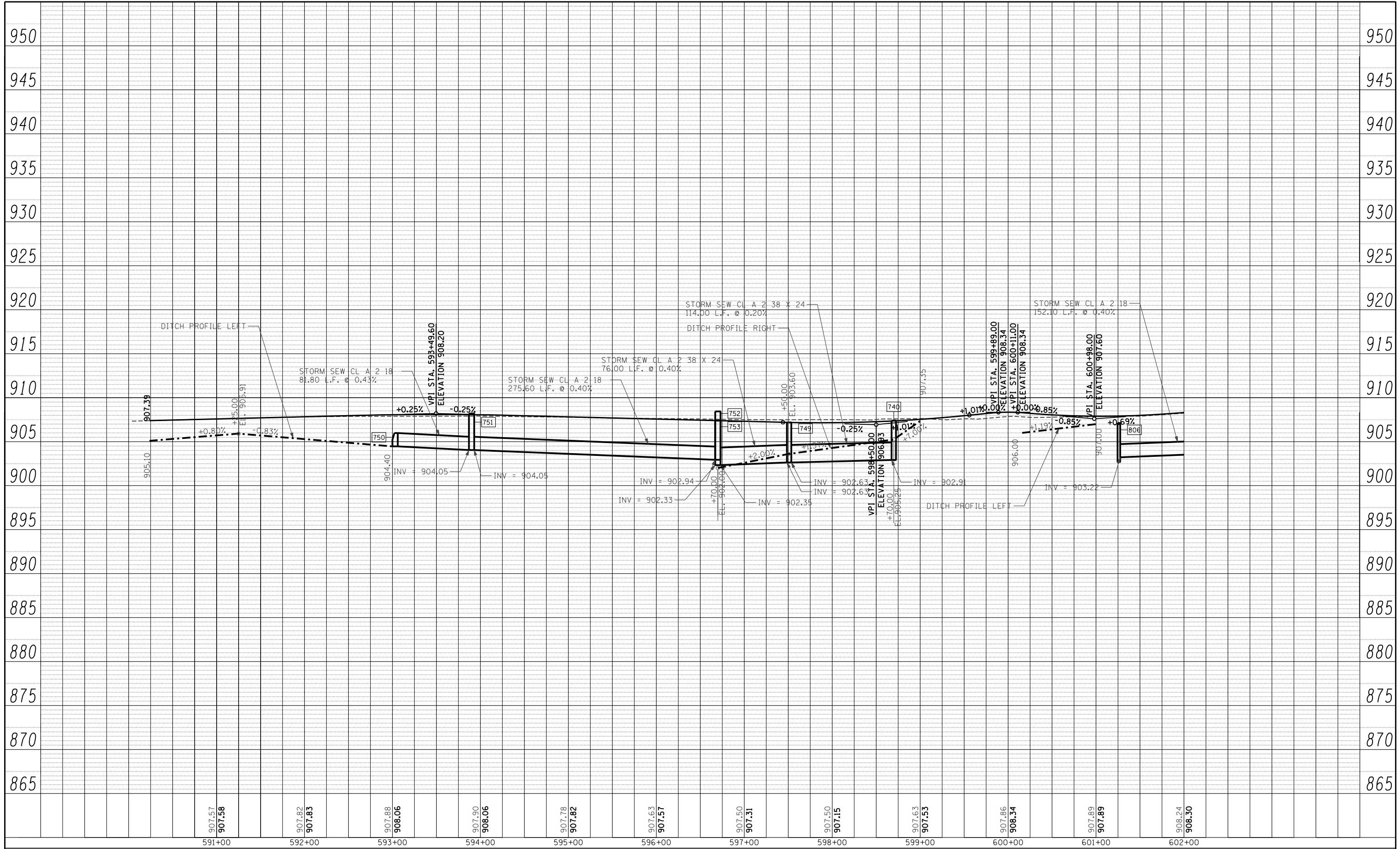
SCALE: 1"=50'      SHEET NO. 148 OF 431 SHEETS      STA. 0+00.00 TO STA. 3+48.72

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	148
				CONTRACT NO. 62517
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

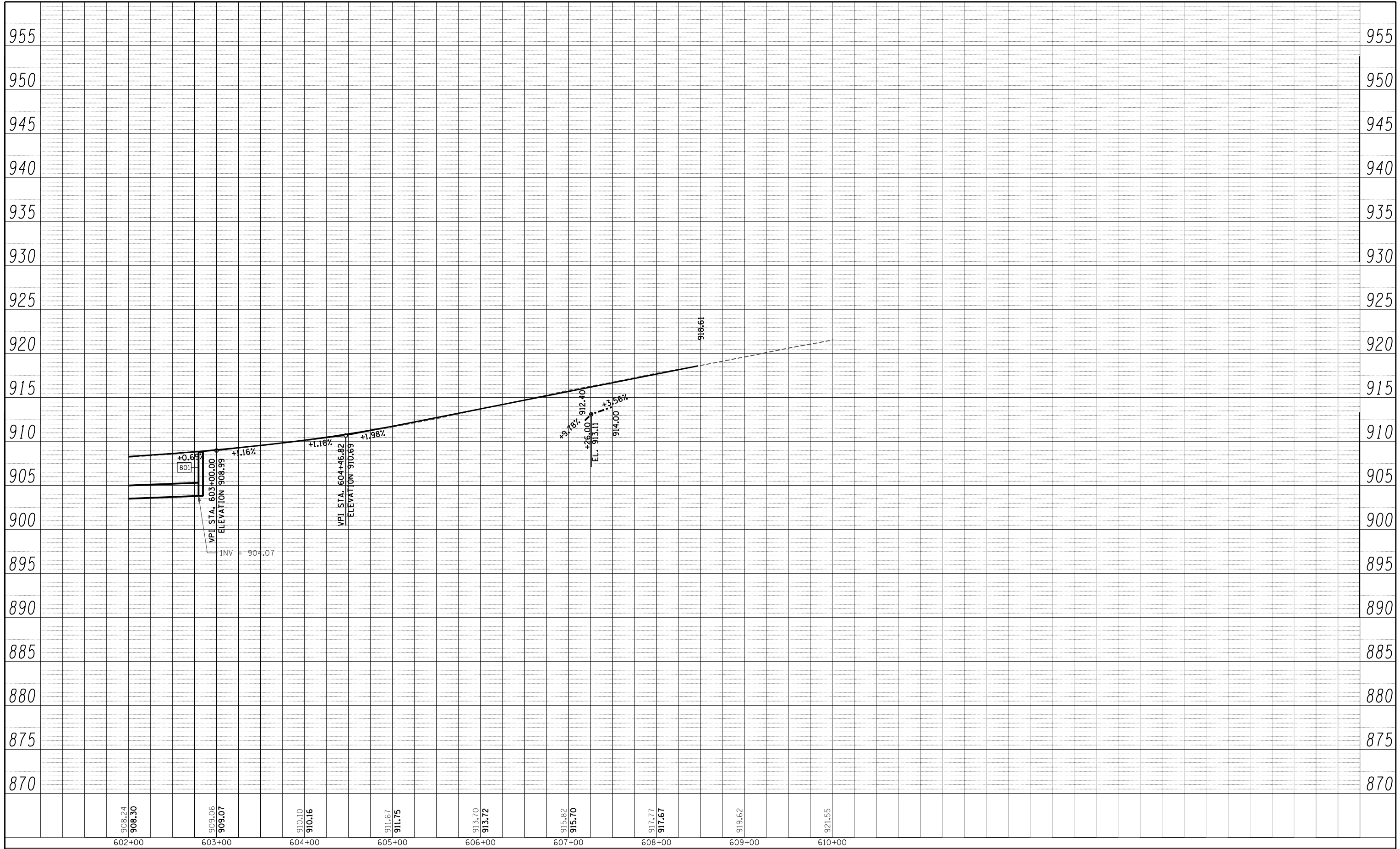


907.57 <b>907.58</b>	907.82 <b>907.83</b>	907.88 <b>908.06</b>	907.90 <b>908.06</b>	907.78 <b>907.82</b>	907.63 <b>907.57</b>	907.50 <b>907.31</b>	907.50 <b>907.15</b>	907.63 <b>907.53</b>	907.86 <b>908.34</b>	907.89 <b>907.89</b>	908.24 <b>908.30</b>
591+00	592+00	593+00	594+00	595+00	596+00	597+00	598+00	599+00	600+00	601+00	602+00

FILE NAME = S:\1606\CADD Sheets\162517-shr-prof-drain.dgn	USER NAME = _USERNAME_	DESIGNED - DA	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 176 DRAINAGE PROFILE</b>	F.A.P. RTE. 305	SECTION 27R-3	COUNTY MCHENRY	TOTAL SHEETS 431	SHEET NO. 149	
PLOT SCALE = 100.0000' / IN.	CHECKED - MGZ	REVISED -	SCALE: 1"=50'			SHEET NO. 149 OF 431 SHEETS	STA. 590+23.80 TO STA. 602+00.00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/15/2013	DATE - 10/15/2013	REVISED -									

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



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		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

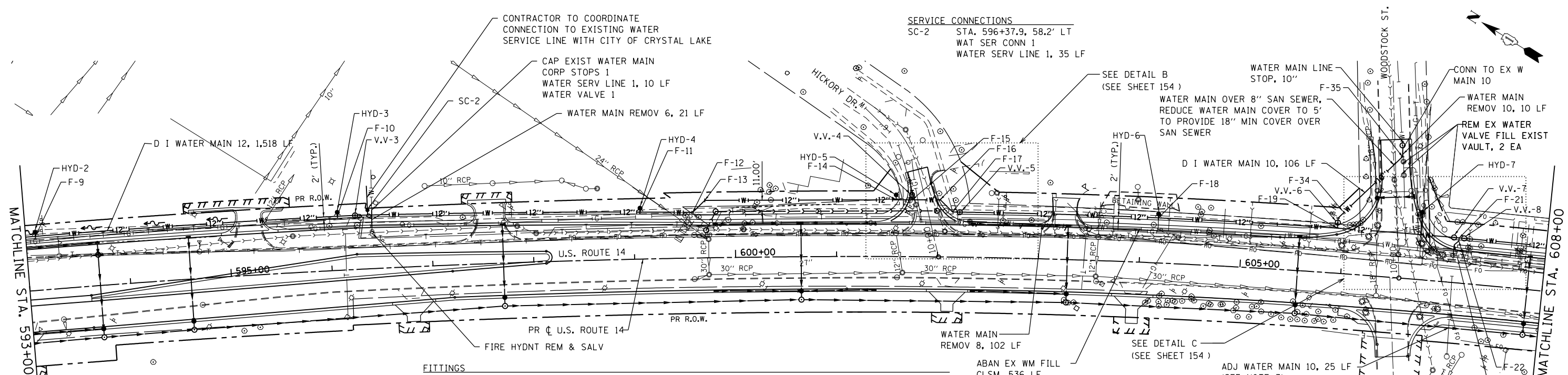
<b>ILLINOIS ROUTE 176 DRAINAGE PROFILE</b>	
SCALE: 1"=50'	SHEET NO. 150 OF 431 SHEETS
STA. 602+00.00 TO STA. 608+50.50	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	150
<b>CONTRACT NO. 62517</b>				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

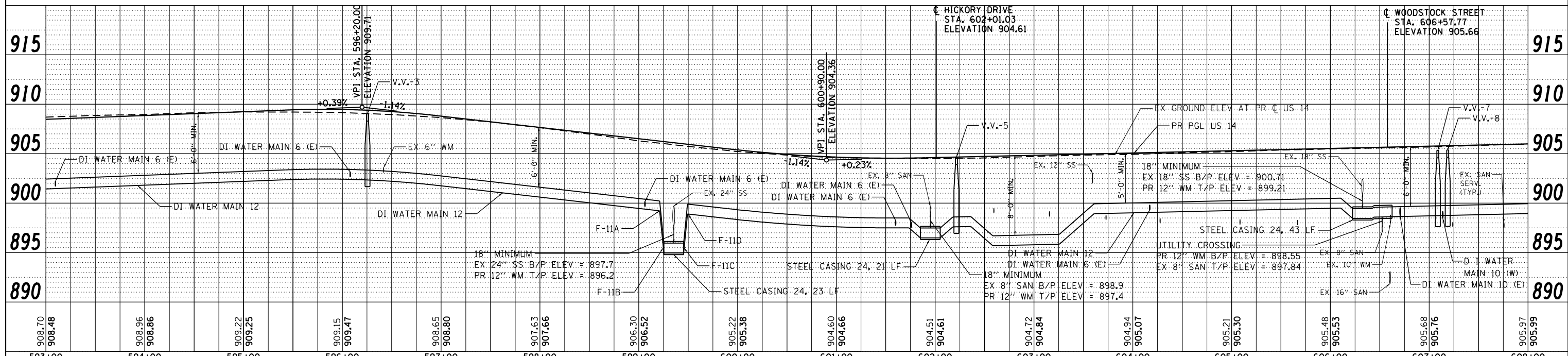
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPAD	
	NO.	



FITTINGS					
F-9	STA. 593+09.6, 53.6' LT	F-12	STA. 599+58.3, 45.3' LT	F-19	STA. 605+93.5, 44.6' LT
	DI WAT MN TEE, 12 X 6		DI WT MNF 12 45.0 DB		DI WAT MN TEE, 12 X 10
F-10	STA. 596+08.0, 53.6' LT	F-13	STA. 599+70.4, 56.9' LT	F-20	STA. 606+75.7, 44.6' LT
	DI WAT MN TEE, 12 X 6		DI WT MNF 12 45.0 DB		DI WAT MN TEE, 12 X 6
F-11	STA. 599+06.2, 46.6' LT	F-14	STA. 601+59.0, 56.3' LT	F-21	STA. 607+13.7, 44.6' LT
	DI WAT MN TEE, 12 X 6		DI WAT MN TEE, 12 X 6		DI WT MNF 10 45.0 DB
F-11A	STA. 599+19.6, 46.2' LT	F-15	STA. 601+74.4, 56.3' LT	F-22	STA. 607+13.7, 41.6' LT
	DI WT MNF 12 45.0 DB		DI WAT MN TEE, 12 X 6		DI WT MNF 10 45.0 DB
F-11B	STA. 599+23.9, 46.1' LT	F-16	STA. 602+02.1, 56.6' LT	F-23	STA. 607+09.5, 37.4' LT
	DI WT MNF 12 45.0 DB		DI WT MNF 12 45.0 DB		DI WT MNF 10 45.0 DB
F-11C	STA. 599+46.9, 45.5' LT	F-17	STA. 602+14.4, 44.6' LT	F-34	STA. 606+93.5, 54.7' LT
	DI WT MNF 12 45.0 DB		DI WT MNF 12 45.0 DB		DI WT MNF 10 45.0 DB
F-11D	STA. 599+50.9, 45.4' LT	F-18	STA. 604+17.1, 44.6' LT	F-35	STA. 606+51.8, 119.9' LT
	DI WT MNF 12 45.0 DB		DI WAT MN TEE, 12 X 6		DI WT MNF 10 45.0 DB

- NOTES**
- THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE. FIELD VERIFY LOCATION PRIOR TO CONSTRUCTION.
  - WATER MAIN AND SERVICE LINES SHALL BE PLACED 6'-0" MINIMUM BELOW THE PROPOSED GRADE ABOVE THE CENTER OF THE PROPOSED MAIN OR LINE UNLESS OTHERWISE NOTED.
  - SEPARATION BETWEEN WATER MAIN AND SEWERS TO BE PROVIDED PER CITY OF CRYSTAL LAKE STANDARDS. THE CONTRACTOR SHALL CONTACT THE CITY OF CRYSTAL LAKE PUBLIC WORKS DEPARTMENT AT (815) 356-3614 24 HOURS NOTICE TO ANY WATER MAIN SHUTDOWN.

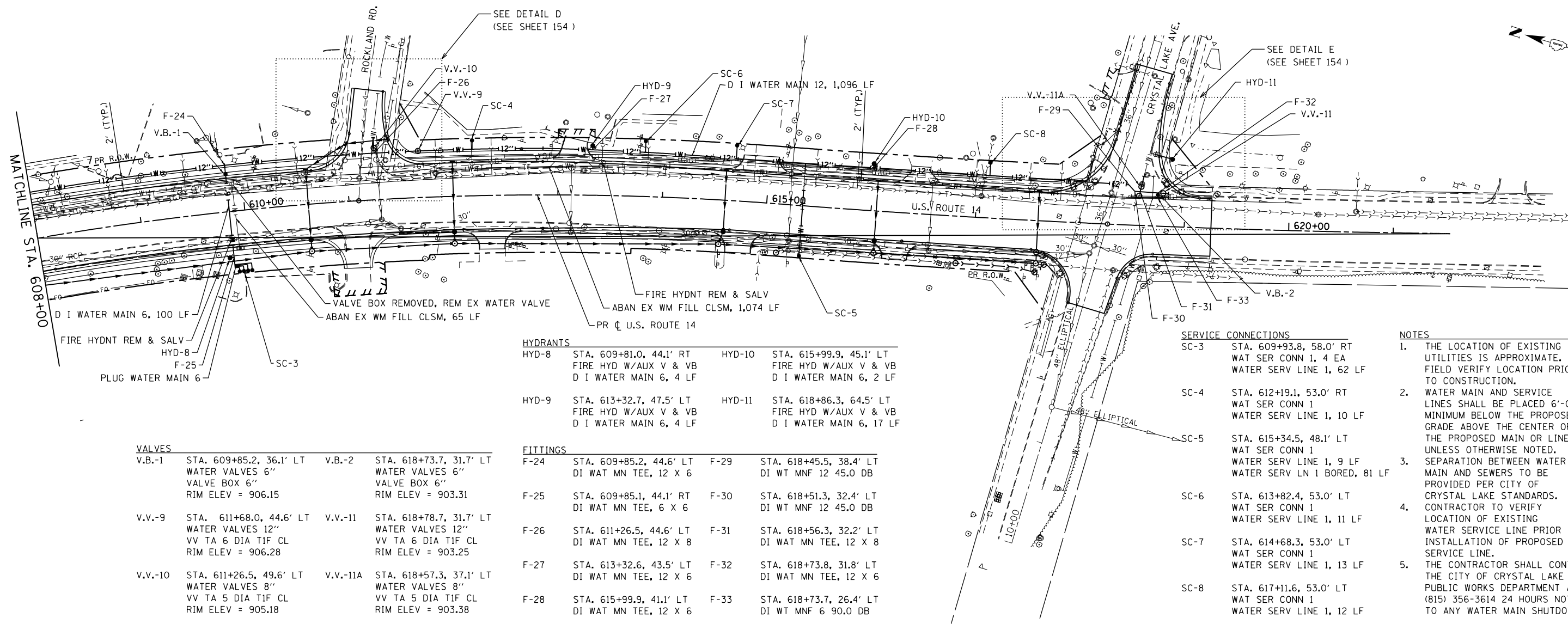
HYDRANTS			
HYD-2	STA. 593+09.6, 57.6' LT	HYD-5	STA. 601+58.8, 61.2' LT
	FIRE HYD W/AUX V & VB		FIRE HYD W/AUX V & VB
	D I WATER MAIN 6, 4 LF		D I WATER MAIN 6, 6 LF
HYD-3	STA. 596+08.0, 57.6' LT	HYD-6	STA. 604+17.1, 48.6' LT
	FIRE HYD W/AUX V & VB		FIRE HYD W/AUX V & VB
	D I WATER MAIN 6, 4 LF		D I WATER MAIN 6, 4 LF
HYD-4	STA. 599+06.3, 50.6' LT	HYD-7	STA. 606+75.7, 66.8' LT
	FIRE HYD W/AUX V & VB		FIRE HYD W/AUX V & VB
	D I WATER MAIN 6, 4 LF		D I WATER MAIN 6, 17 LF



FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS		WATER MAIN PLAN & PROFILE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
S:\1606\CADD Sheets\162517-sh1-water.dgn	_USERNAME_	JWM	-	DEPARTMENT OF TRANSPORTATION		US ROUTE 14		305	27R-3	MCHENRY	431
		JWM	-								152
		MGZ	-								CONTRACT NO. 62517
		10/15/2013	-								ILLINOIS FED. AID PROJECT

DATE	
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PLAN	SURVEYED
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	ALIGNED
	CHECKED
	FILE NAME
	NO.

DATE	
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PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO.



VALVES			
V.B.-1	STA. 609+85.2, 36.1' LT	V.B.-2	STA. 618+73.7, 31.7' LT
	WATER VALVES 6"		WATER VALVES 6"
	VALVE BOX 6"		VALVE BOX 6"
	RIM ELEV = 906.15		RIM ELEV = 903.31
V.V.-9	STA. 611+68.0, 44.6' LT	V.V.-11	STA. 618+78.7, 31.7' LT
	WATER VALVES 12"		WATER VALVES 12"
	VV TA 6 DIA TIF CL		VV TA 6 DIA TIF CL
	RIM ELEV = 906.28		RIM ELEV = 903.25
V.V.-10	STA. 611+26.5, 49.6' LT	V.V.-11A	STA. 618+57.3, 37.1' LT
	WATER VALVES 8"		WATER VALVES 8"
	VV TA 5 DIA TIF CL		VV TA 5 DIA TIF CL
	RIM ELEV = 905.18		RIM ELEV = 903.38

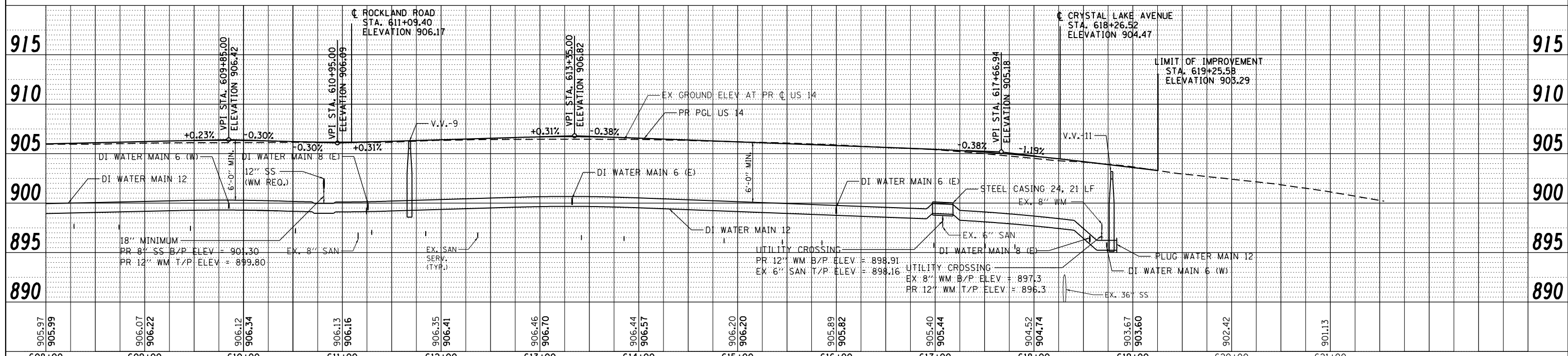
HYDRANTS			
HYD-8	STA. 609+81.0, 44.1' RT	HYD-10	STA. 615+99.9, 45.1' LT
	FIRE HYD W/AUX V & VB		FIRE HYD W/AUX V & VB
	DI WATER MAIN 6, 4 LF		DI WATER MAIN 6, 2 LF
HYD-9	STA. 613+32.7, 47.5' LT	HYD-11	STA. 618+86.3, 64.5' LT
	FIRE HYD W/AUX V & VB		FIRE HYD W/AUX V & VB
	DI WATER MAIN 6, 4 LF		DI WATER MAIN 6, 17 LF

FITTINGS			
F-24	STA. 609+85.2, 44.6' LT	F-29	STA. 618+45.5, 38.4' LT
	DI WAT MN TEE, 12 X 6		DI WT MNF 12 45.0 DB
F-25	STA. 609+85.1, 44.1' RT	F-30	STA. 618+51.3, 32.4' LT
	DI WAT MN TEE, 6 X 6		DI WT MNF 12 45.0 DB
F-26	STA. 611+26.5, 44.6' LT	F-31	STA. 618+56.3, 32.2' LT
	DI WAT MN TEE, 12 X 8		DI WAT MN TEE, 12 X 8
F-27	STA. 613+32.6, 43.5' LT	F-32	STA. 618+73.8, 31.8' LT
	DI WAT MN TEE, 12 X 6		DI WAT MN TEE, 12 X 6
F-28	STA. 615+99.9, 41.1' LT	F-33	STA. 618+73.7, 26.4' LT
	DI WAT MN TEE, 12 X 6		DI WT MNF 6 90.0 DB

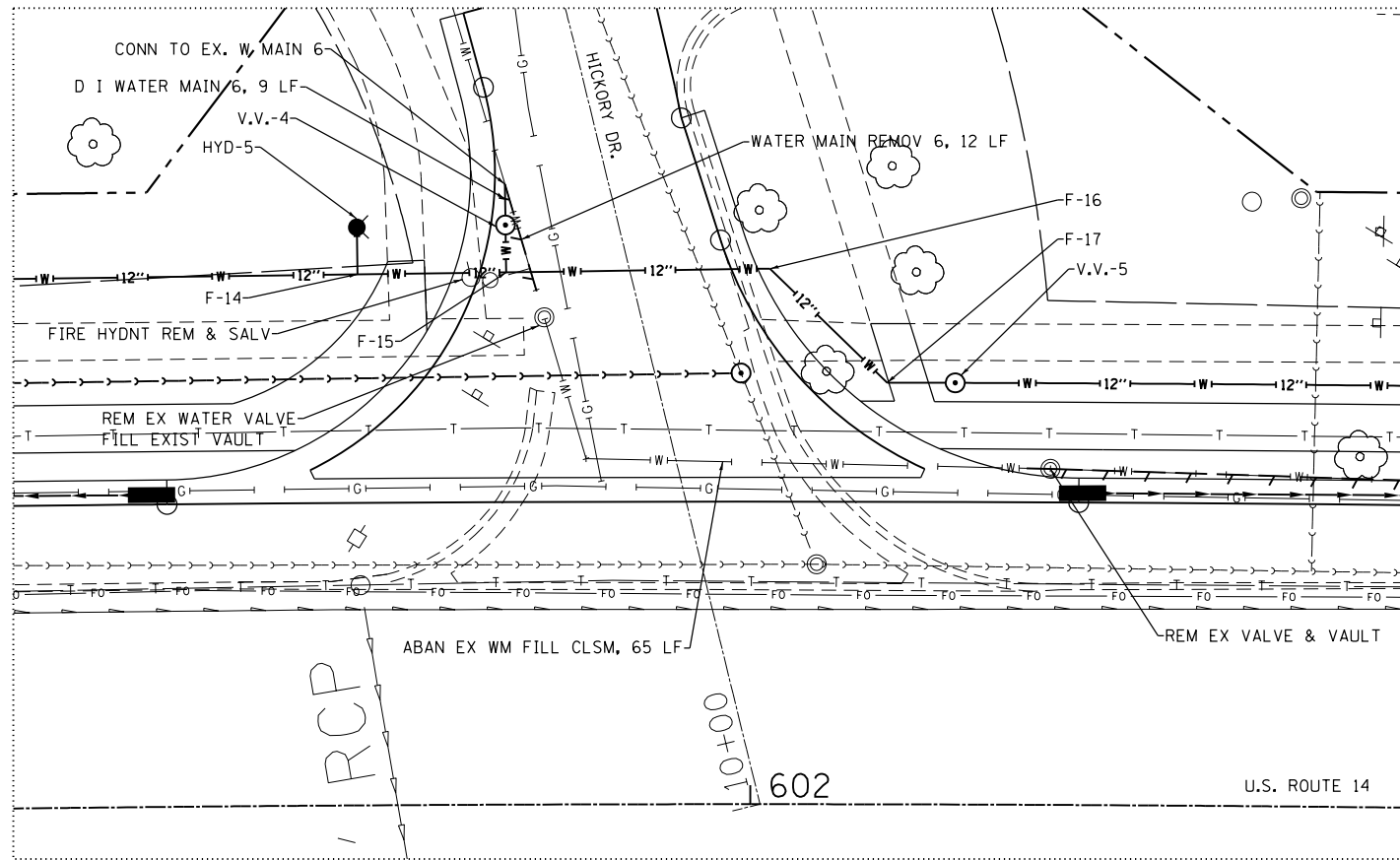
SERVICE CONNECTIONS	
SC-3	STA. 609+93.8, 58.0' RT WAT SER CONN 1, 4 EA WATER SERV LINE 1, 62 LF
SC-4	STA. 612+19.1, 53.0' RT WAT SER CONN 1 WATER SERV LINE 1, 10 LF
SC-5	STA. 615+34.5, 48.1' LT WAT SER CONN 1 WATER SERV LINE 1, 9 LF WATER SERV LN 1 BORED, 81 LF
SC-6	STA. 613+82.4, 53.0' LT WAT SER CONN 1 WATER SERV LINE 1, 11 LF
SC-7	STA. 614+68.3, 53.0' LT WAT SER CONN 1 WATER SERV LINE 1, 13 LF
SC-8	STA. 617+11.6, 53.0' LT WAT SER CONN 1 WATER SERV LINE 1, 12 LF

- NOTES**
1. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE. FIELD VERIFY LOCATION PRIOR TO CONSTRUCTION.
  2. WATER MAIN AND SERVICE LINES SHALL BE PLACED 6'-0" MINIMUM BELOW THE PROPOSED GRADE ABOVE THE CENTER OF THE PROPOSED MAIN OR LINE UNLESS OTHERWISE NOTED.
  3. SEPARATION BETWEEN WATER MAIN AND SEWERS TO BE PROVIDED PER CITY OF CRYSTAL LAKE STANDARDS.
  4. CONTRACTOR TO VERIFY LOCATION OF EXISTING WATER SERVICE LINE PRIOR TO INSTALLATION OF PROPOSED SERVICE LINE.
  5. THE CONTRACTOR SHALL CONTACT THE CITY OF CRYSTAL LAKE PUBLIC WORKS DEPARTMENT AT (815) 356-3614 24 HOURS NOTICE TO ANY WATER MAIN SHUTDOWN.

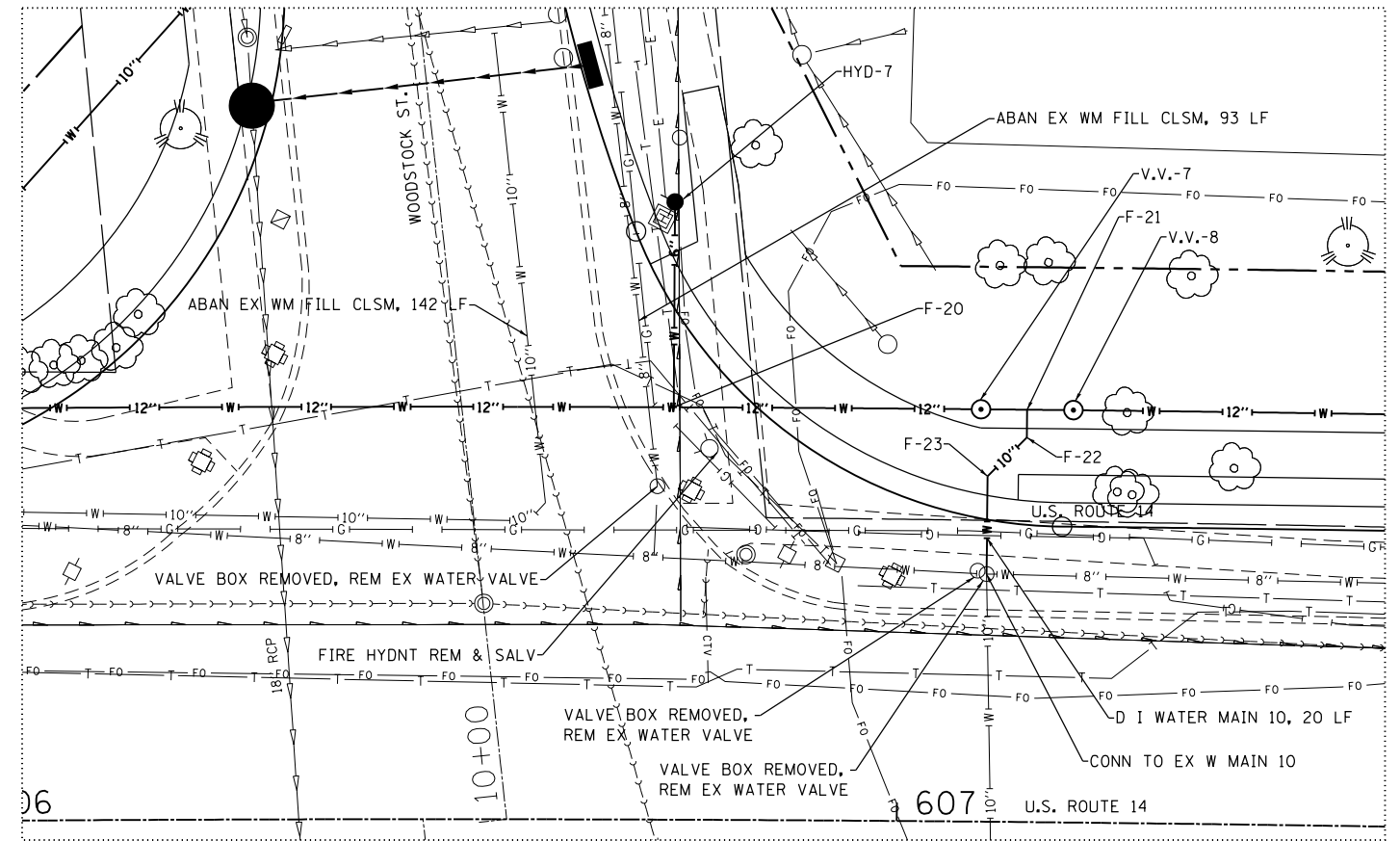


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PLOT SCALE = 100.0000' / 1"	CHECKED - MGZ	REVISIED -	305			27R-3	MCHENRY	431	153	
PLOT DATE = 6/4/2014	DATE - 10/15/2013	REVISIED -	CONTRACT NO. 62517							
			ILLINOIS FED. AID PROJECT							

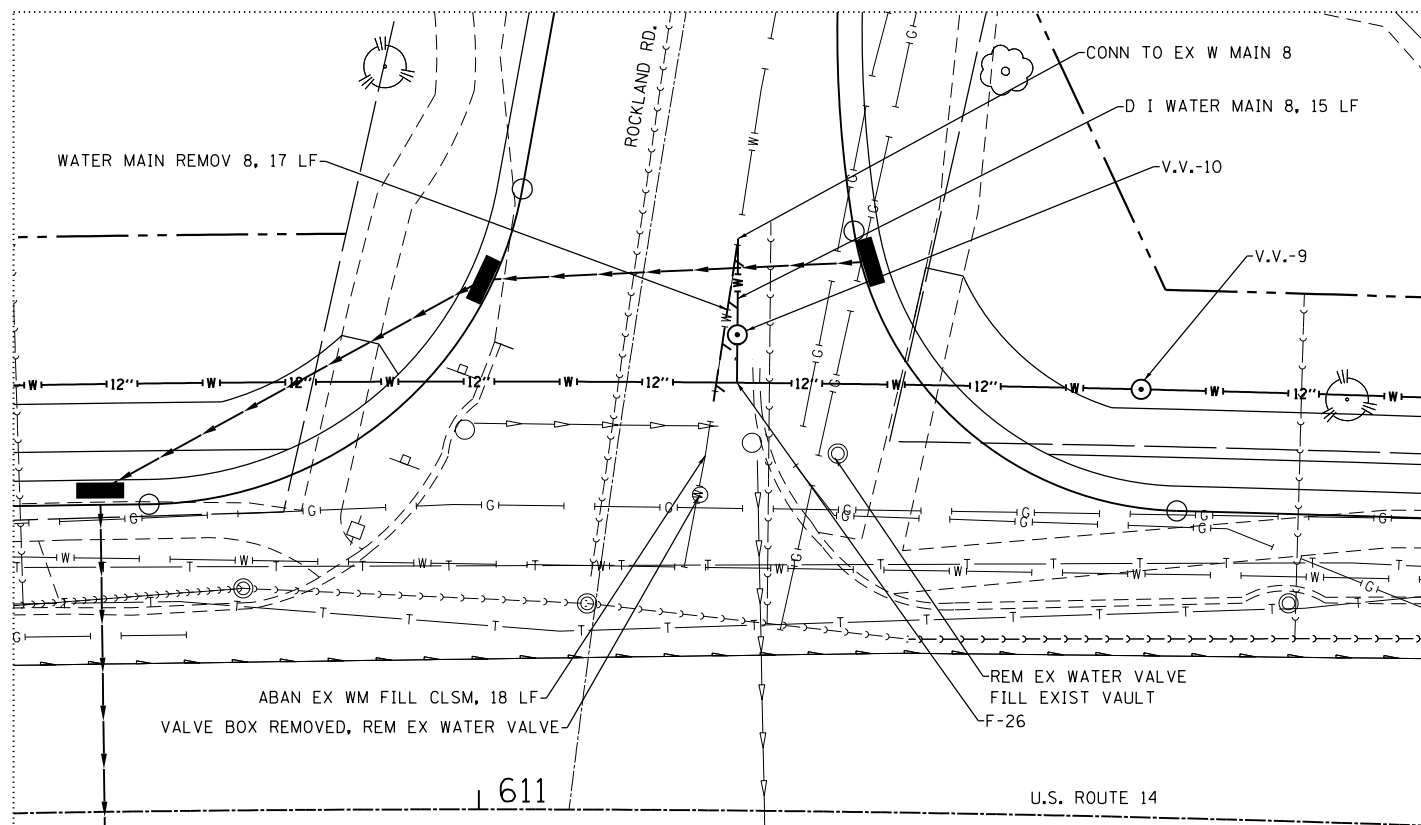
SCALE: 1"=50' SHEET NO. 153 OF 431 SHEETS STA. 608+00.00 TO STA. 619+25.58



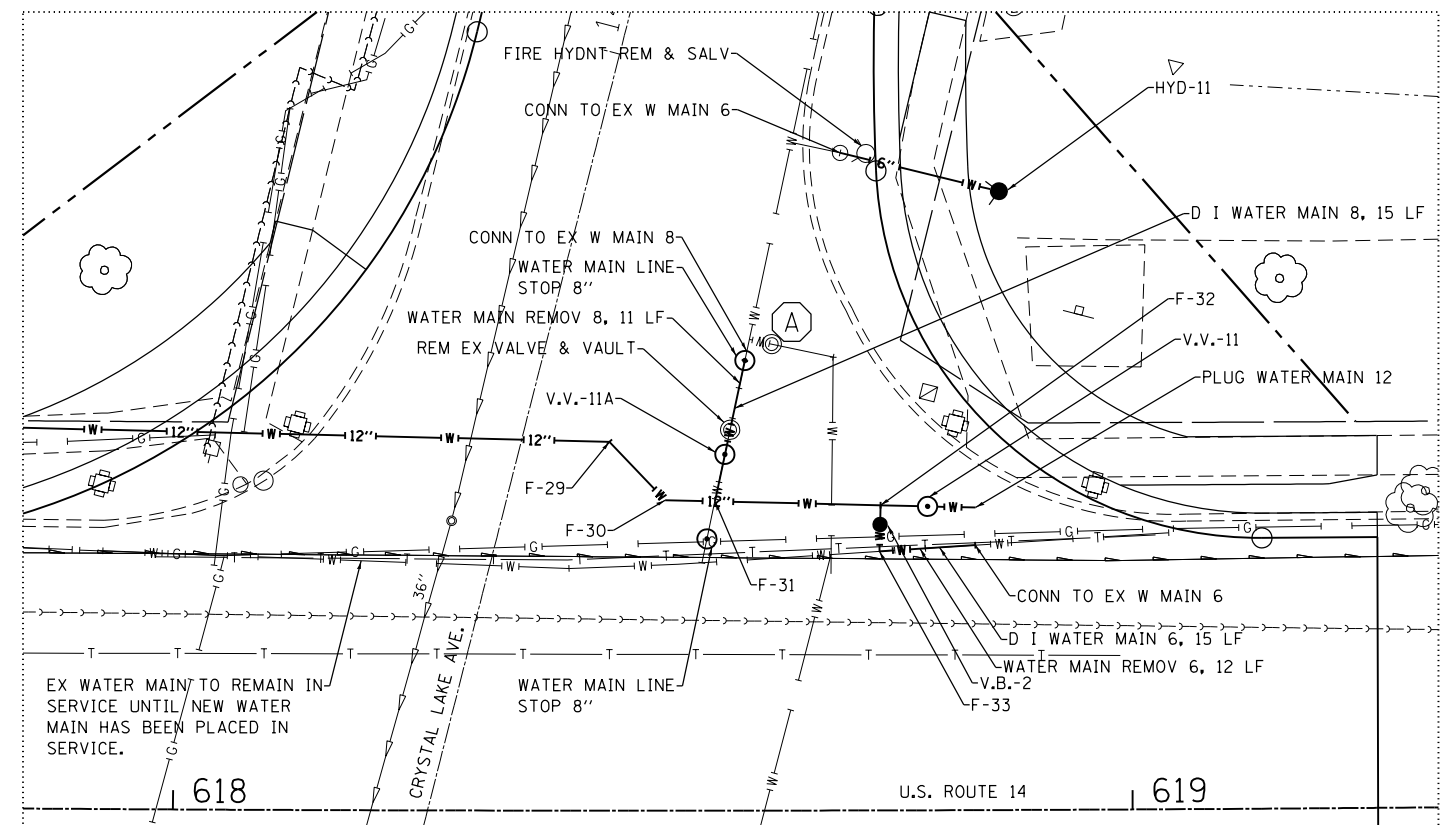
INTERSECTION DETAIL B  
1" = 10'



INTERSECTION DETAIL C  
1" = 10'



INTERSECTION DETAIL D  
1" = 10'



INTERSECTION DETAIL E  
1" = 10'

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		DRAWN - JWM	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED - MGZ	REVISED -
	PLOT DATE = 6/4/2014	DATE - 10/15/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE		SHEET NO. 154 OF 431 SHEETS		STA. TO STA.	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	154
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

**WATER MAIN**

1. Thrust blocking shall be installed on water mains at all bends, tees, elbows, etc. except as noted below.
2. Thrust blocks not permitted with 45° vertical bends in water main □ these shall be restrained with (Mega-Lug) or equivalent.
3. Water main shall be ductile iron pipe, Class 52 conforming to A.N.S.I. A-21.51 or AWWA C-151.
4. Gaskets and cast iron fittings shall conform to A.N.S.I. A-21.11 or AWWA C-110 and C-111 water main shall be cement lined in conformance with A.N.S.I. A-21.4 or AWWA C-104.
5. Minimum cover from finished grade to top of water main shall be six (6) feet. Maximum cover shall be eight (8) feet.
6. Water Main Taps: an Illinois licensed plumber is required for any water main tap.
7. All water mains shall be subjected to a pressure test and a separate leakage test at system pressure for 24 hours by the Contractor. Hydrostatic pressure test and leakage shall be based on 125 psi for two (2) hours. Water mains shall be chlorinated in accordance with the Standard Specifications.
8. The Underground Contractor shall consider incidental to the contract any chlorination and testing of existing water main where connections to and conclusion of such mains is indicated on the drawings. In the event that the pressure attributable to defective original workmanship and material, then the Contractor shall be entitled to additional payment for correcting the deficiencies.

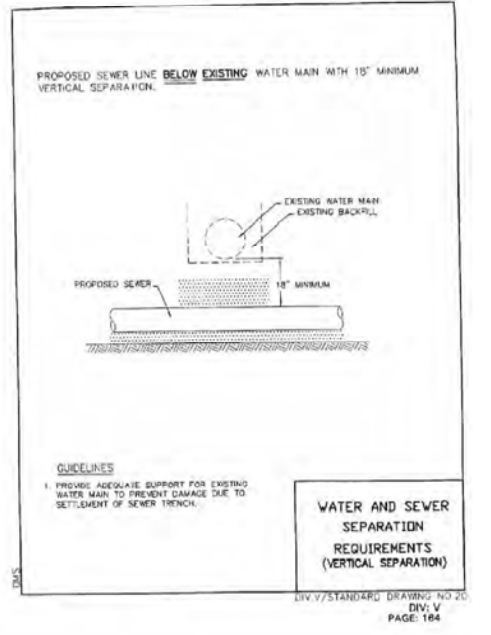
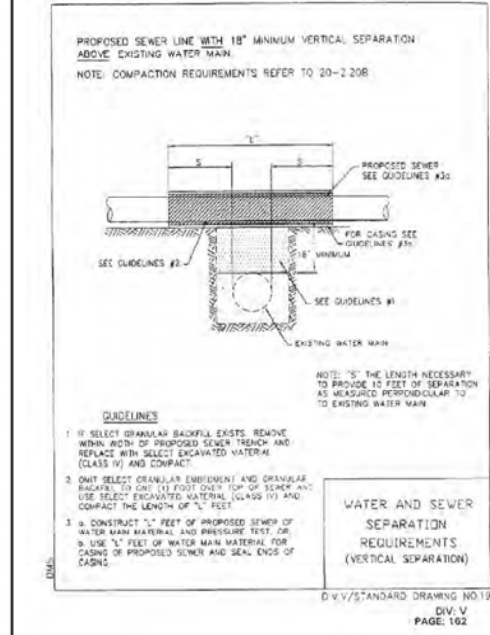
X

... and bases shall be proof-rolled and approved by the Engineer or binder installation.

2. Subgrade proposed pavements shall be finished by the Excavator within 0.1 foot of finish, plus, of plan elevation.
3. The Paving Contractor shall ensure that the subgrade has been proof-rolled and that the finished pavement elevation has been graded within the tolerance allowed in these specifications. The Paving Contractor advises the Engineer in writing prior to final base course construction, and the Engineer shall ensure that the Contractor has approved the proposed subgrade and base course.
4. For the purpose of providing accessibility in conformance with the American Disability Act and City Statute, sidewalks shall be constructed at designated locations where public walks or pedestrian paths intersect streets, alleys, and other locations as directed.
5. ½ inch thick precast concrete expansion joints (No. 4 plain round steel dowel bars shall be installed at designated locations at all P.C., P.T., curb returns and at the end of each pour. Alternate expansion joints shall be grouted and filled with metal expansion tubes.
6. ¾ inch thick fibre expansion joints shall be used where the sidewalk coincides with the curb and gutter. Expansion joints shall be cut at designated intervals in the curb. The Contractor shall be responsible for the cost of the contract.
7. All poured in place curb and gutter shall incorporate No. 4 reinforcing bars installed in the curb and gutter crosses utility trenches. The cost of which shall be incidental to the cost of concrete curb and gutter.
8. Sidewalk concrete (required) shall be of the thickness and dimension as shown on the contract drawings. All sidewalk concrete shall be a minimum of 6.1 (2000) psi (DOT class 2000) and shall develop a minimum of 3,500 psi compressive strength at twenty-eight (28) days. Contraction joints shall be set at four (4) foot centers, and expansion joints shall be set at four (4) foot centers, and precast concrete expansion joints at forty (40) foot centers and at the curb and gutter. Expansion joints shall be cut at designated intervals in the curb or another sidewalk, or at the end of each pour. All expansion joints shall be grouted and filled with metal expansion tubes. Expansion joints over utility trenches and/or abutting driveway aprons shall be reinforced with No. 4 reinforcing bars (10 foot minimum length).

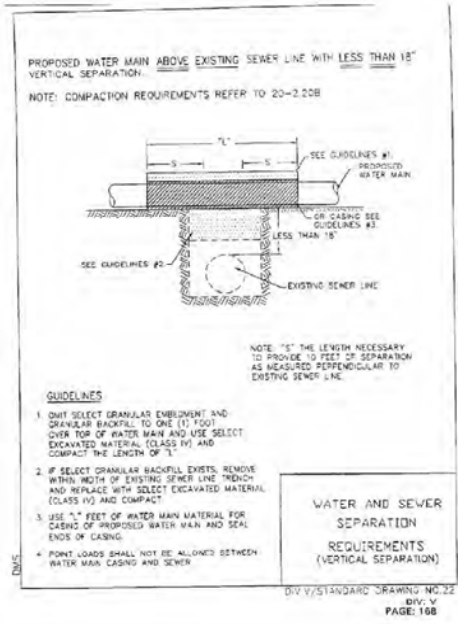
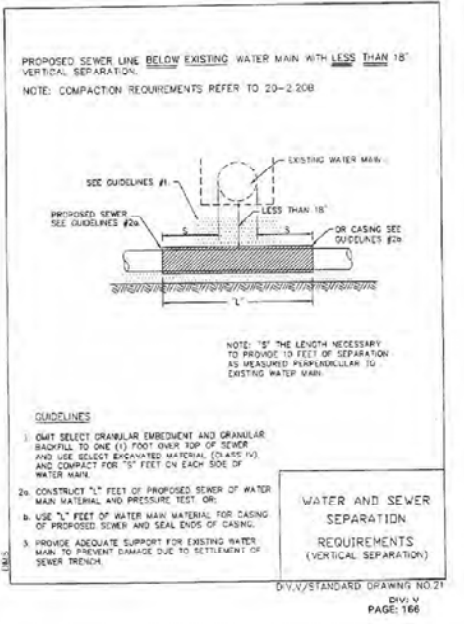
GE-02a

Approved: City Engineer  Victor C. Ramirez, P.E. Director of Engineering and Building	Drawing Name <b>STANDARD NOTES AND SPECIFICATIONS</b>	Drawing Number <b>GE-02d</b> Date: 6/1/2007 Drawn: EM Checked: LZ	 <b>CRYSTAL LAKE ILLINOIS</b> Engineering Division
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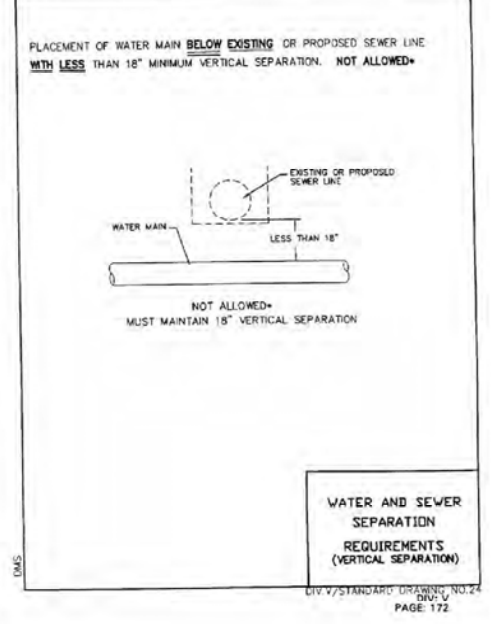
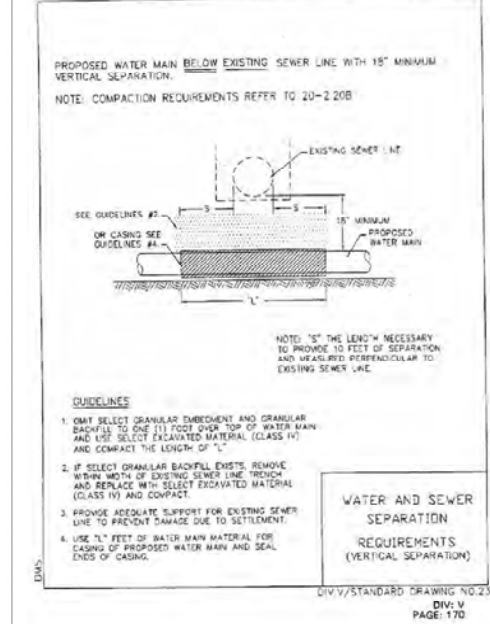
UG-04a

Approved: City Engineer  Victor C. Ramirez, P.E. Director of Engineering and Building	Drawing Name <b>WATER AND SEWER SEPARATION REQUIREMENTS</b>	Drawing Number <b>UG-04a</b> Date: 4/15/2007 Drawn: EM Checked: LZ	 <b>CRYSTAL LAKE ILLINOIS</b> Engineering Division
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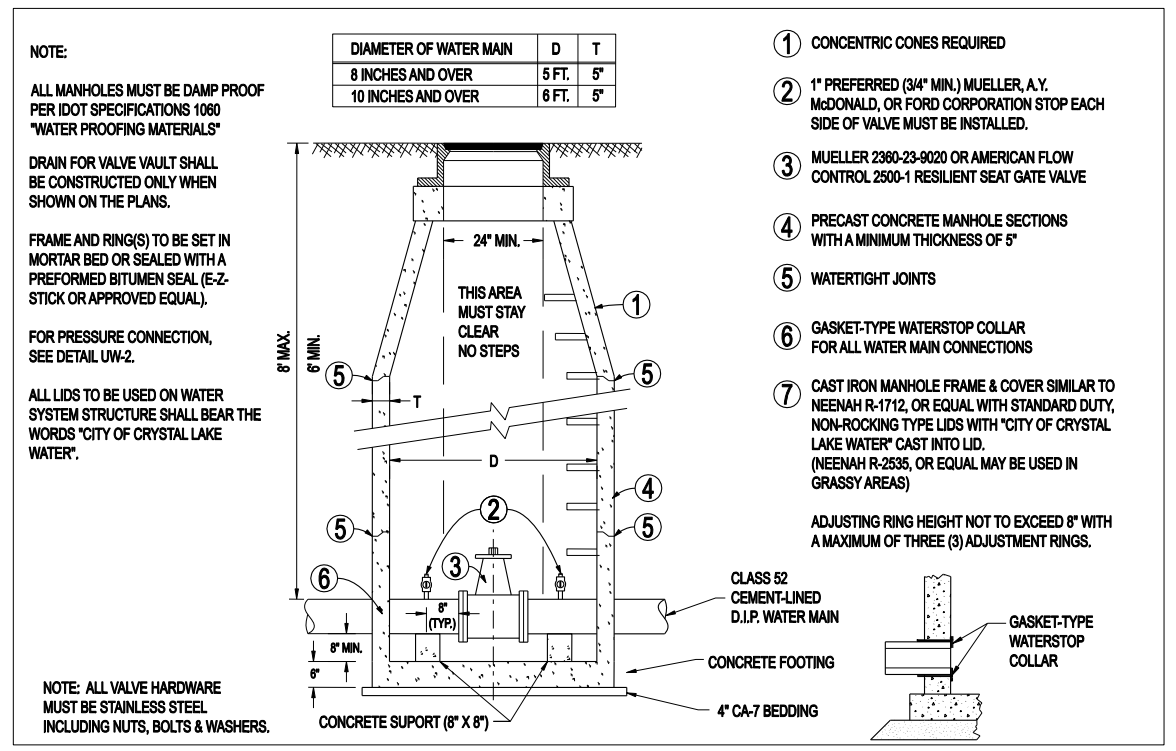
UG-04b

Approved: City Engineer  Victor C. Ramirez, P.E. Director of Engineering and Building	Drawing Name <b>WATER AND SEWER SEPARATION REQUIREMENTS</b>	Drawing Number <b>UG-04b</b> Date: 4/15/2007 Drawn: EM Checked: LZ	 <b>CRYSTAL LAKE ILLINOIS</b> Engineering Division
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UG-04c

Approved: City Engineer  Victor C. Ramirez, P.E. Director of Engineering and Building	Drawing Name <b>WATER AND SEWER SEPARATION REQUIREMENTS</b>	Drawing Number <b>UG-04c</b> Date: 4/15/2007 Drawn: EM Checked: LZ	 <b>CRYSTAL LAKE ILLINOIS</b> Engineering Division
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Approved: City Engineer

Drawing Name: **STANDARD VALVE VAULT**

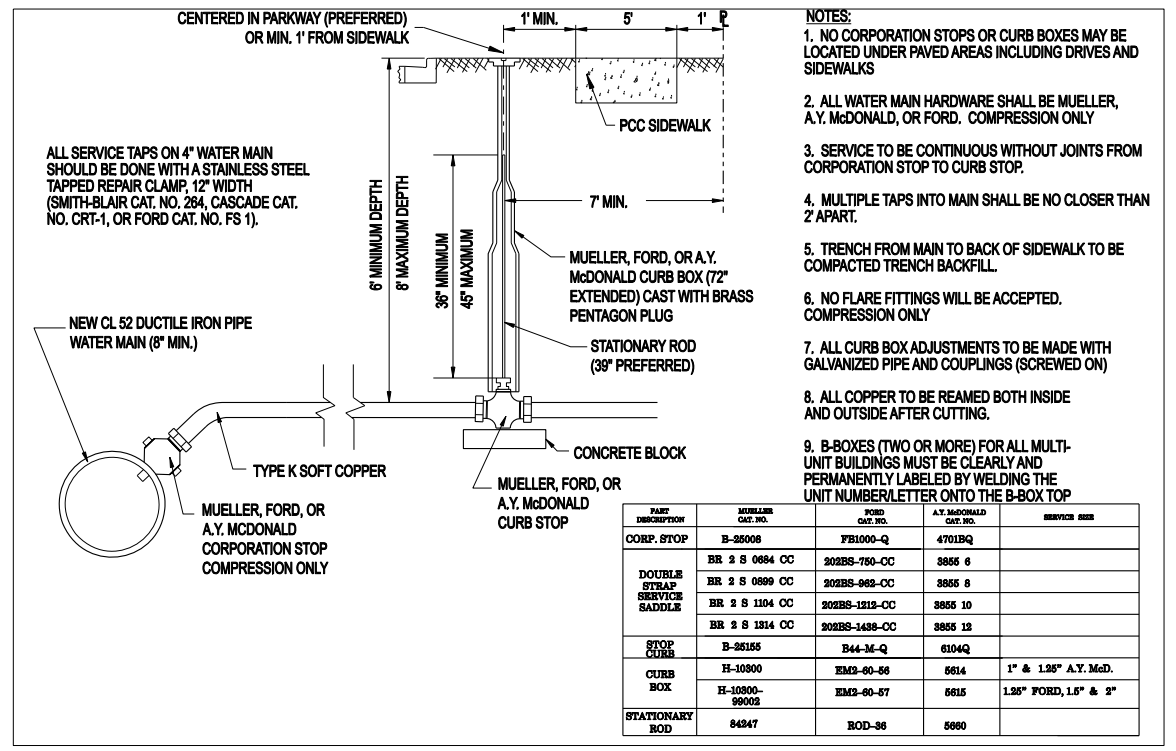
Drawing Number: **UW-01**

Date: 4/15/2007

Drawn: EM, Checked: JN

CRYSTAL LAKE ILLINOIS Engineering Division

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Approved: City Engineer

Drawing Name: **WATER SERVICE INSTALLATION**

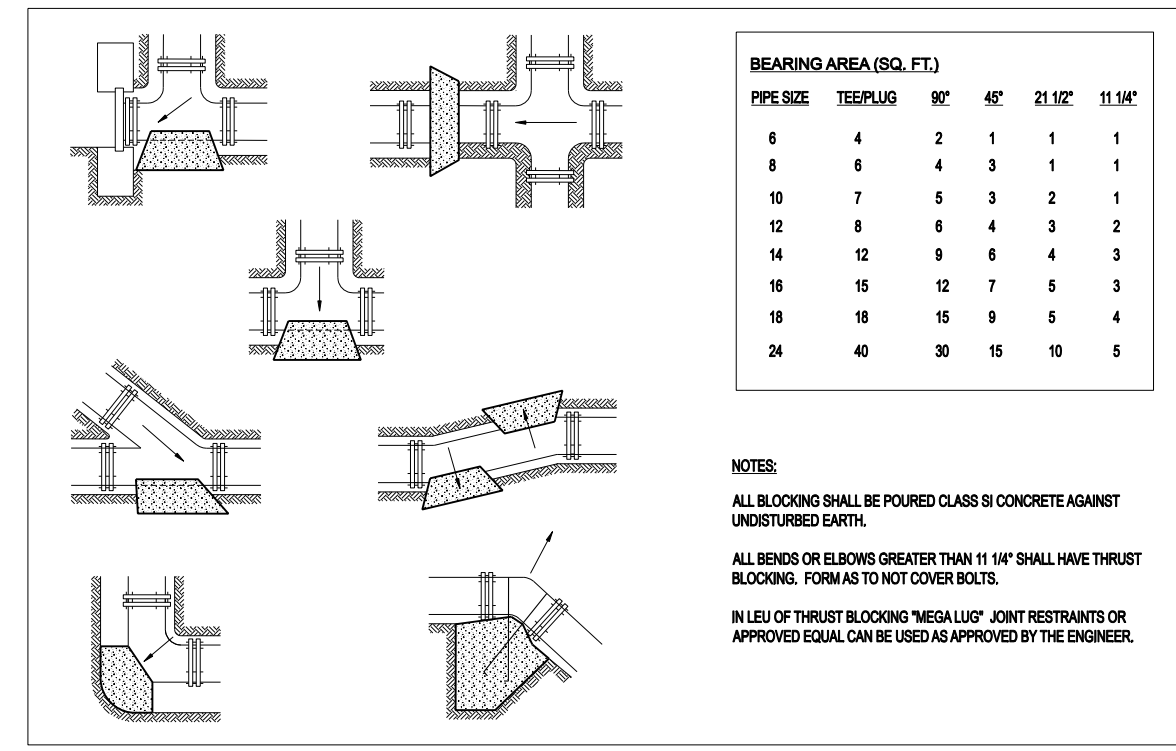
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Date: 4/15/2007

Drawn: EM, Checked: JN

CRYSTAL LAKE ILLINOIS Engineering Division

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Approved: City Engineer

Drawing Name: **THRUST BLOCK INSTALLATION**

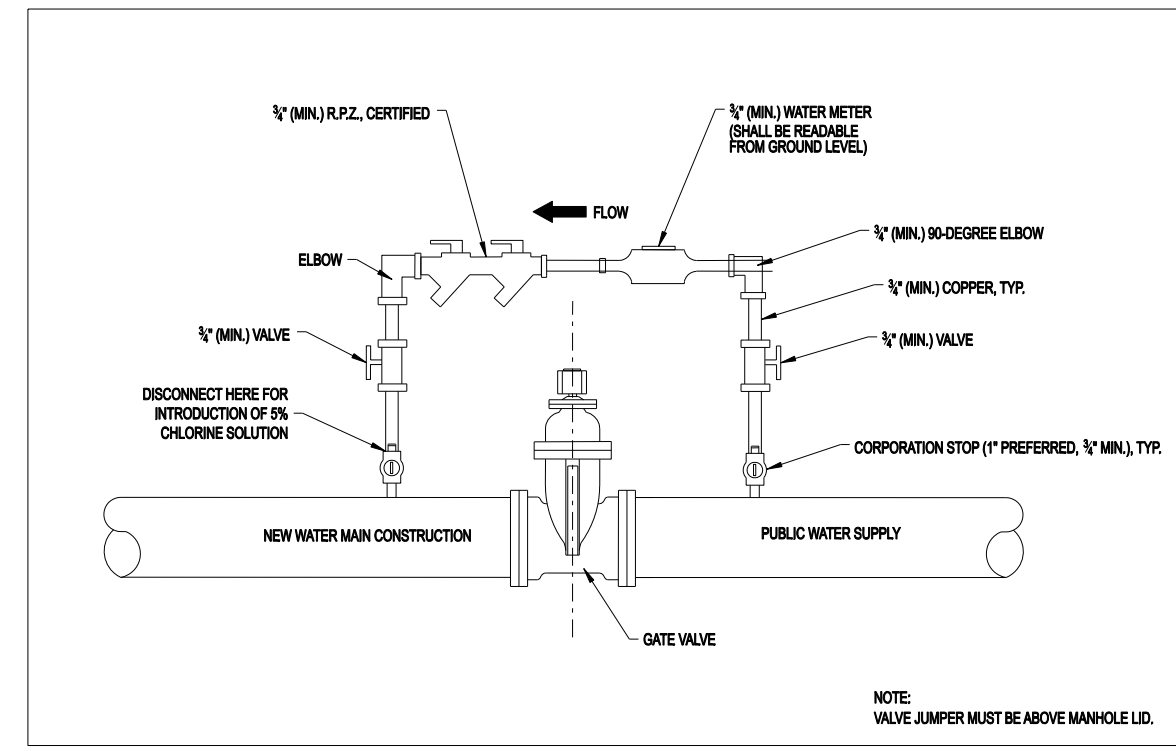
Drawing Number: **UW-03**

Date: 4/15/2007

Drawn: EM, Checked: JN

CRYSTAL LAKE ILLINOIS Engineering Division

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Approved: City Engineer

Drawing Name: **WATER VALVE JUMPER**

Drawing Number: **UW-05**

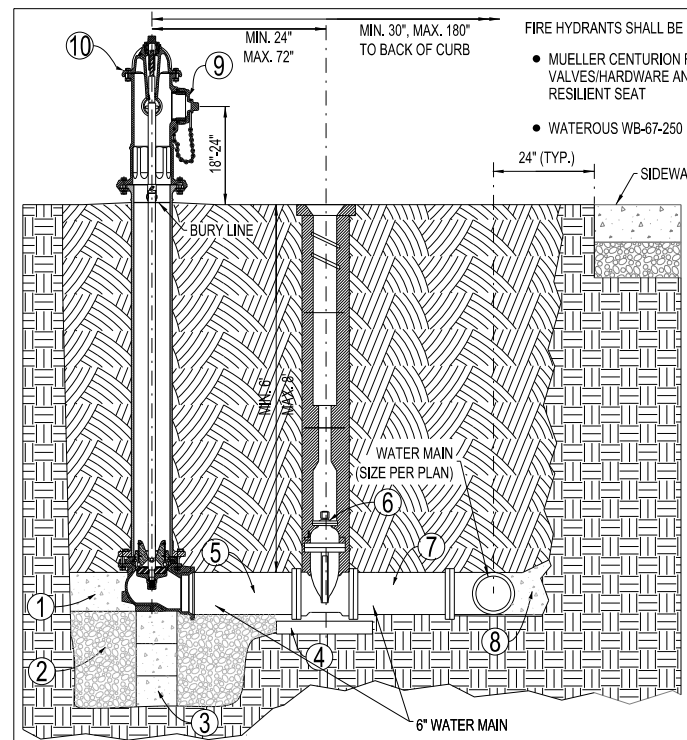
Date: 4/15/2007

Drawn: EM, Checked: JAM

CRYSTAL LAKE ILLINOIS Engineering Division

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- FIRE HYDRANTS SHALL BE FROM THE FOLLOWING LIST, AS APPROVED BY THE CITY:
- MUELLER CENTURION FIRE HYDRANT, OPT-094 (5 1/4" BARREL) WITH MUELLER VALVES/HARDWARE AND AUXILIARY VALVE 6" GATE VALVE NO. 2360-23-9020 MODIFIED WEDGE RESILIENT SEAT
  - WATEROUS WB-67-250 HYDRANT (5 1/4" PACER) WITH SERIES 2500-1 RESILIENT WEDGE GATE VALVE

- PROVIDE CLASS SJ CONCRETE BASE AND BLOCKING AGAINST UNDISTURBED EARTH
- DRAIN SUMP TO BE 3/4 CUBIC YARD OF 3/4" WASHED STONE
- CONCRETE SUPPORT
- CONCRETE BLOCK OR BRICK SUPPORT
- PIPE AS REQUIRED TO MAINTAIN 24" SEPARATION AS SHOWN (DIRECT MECHANICAL JOINT CONNECTION IF APPROVED BY CITY)
- RUBBER VALVE BOX STABILIZER
- USE "CORTEN" STEEL TIE RODS BETWEEN AUXILIARY VALVE AND WATER MAIN (STAINLESS STEEL MAY BE REQUIRED BY THE CITY ENGINEER). ANY DISTANCE GREATER THAN 30" SHALL BE RODDED TO MEGA-LUG FLANGE. NO COUPLINGS ARE PERMITTED IN RODS.
- CONCRETE BLOCKING CAST IN PLACE 3000 P.S.I.
- 4 1/2" PORT TO FACE PAVEMENT OR AS DIRECTED BY CITY ENGINEER
- ALL NEWLY INSTALLED HYDRANTS MUST BE TOP COATED WITH RUST-OLEUM FIRE HYDRANT ENAMEL (COLOR = FIRE HYDRANT RED)
- MIN. 48" BETWEEN HYDRANT AND ANY VERTICAL OBSTRUCTIONS.
- MIN. 72" BETWEEN HYDRANT AND ANY LANDSCAPING WITH A MATURE HEIGHT GREATER THAN 12".
- ALL VALVE AND HYDRANT HARDWARE MUST BE STAINLESS STEEL INCLUDING NUTS, BOLTS, AND WASHERS.

Approved: City Engineer  
 Drawing Name: FIRE HYDRANT  
 Drawing Number: MODIFIED UW-06  
 Date: 2/14/2012  
 Drawn: [ ] Checked: [ ]  
 CRYSTAL LAKE ILLINOIS Engineering Division

PROJECT NAME: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 WITNESS: \_\_\_\_\_  
 LINE PRESSURIZED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ am/pm  
 LINE TESTED DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ am/pm

PRESSURE TEST	2-HOUR	24-HOUR
TOTAL LENGTH OF MAIN (FEET)		
PIPE DIAMETER (INCHES)		
TEST PRESSURE (PSI)		
TOTAL ALLOWABLE LEAKAGE IN ONE HOUR (GALLONS)		
TOTAL ALLOWABLE LEAKAGE IN TIME FRAME (GALLONS)		

CALCULATION FOR ACTUAL WATER VOLUME LOSS	2-HOUR	24-HOUR
SURFACE AREA OF SUPPLY VESSEL (FEET)		
MAXIMUM ALLOWABLE DROP IN WATER LEVEL (FEET)		
ACTUAL DROP IN WATER LEVEL (FEET)		
GALLONS		
INITIAL METER READING		
24TH HOUR METER READING		
TOTAL ALLOWABLE LEAKAGE (GALLONS)		
ACTUAL LEAKAGE (GALLONS)		
PASS OR FAIL		



Approved: City Engineer  
 Drawing Name: WATER MAIN TEST REPORT  
 Drawing Number: UW-09  
 Date: 4/1/2007  
 Drawn: EM Checked: LZ  
 CRYSTAL LAKE ILLINOIS Engineering Division

- CITY OF CRYSTAL LAKE WATER MAIN CHLORINATION SPECIFICATIONS:
- DISINFECTION OF WATER MAINS SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION, CURRENT EDITION
  - THE CITY ENGINEERING DIVISION AND WATER DIVISION SHALL BE NOTIFIED 48 HOURS IN ADVANCE FOR SCHEDULING OF ANY TESTING CHLORINATING, FLUSHING, OR SAMPLING.
  - ONLY CITY WATER DIVISION PERSONNEL MAY OPERATE WATER VALVES ON LIVE MAINS.
  - A WATER VALVE JUMPER IS REQUIRED TO MAINTAIN PRESSURE ON THE CHLORINATED LINES DURING THE SAMPLING PROCEDURE FOR PROPER INSTALLATION AND REQUIREMENTS SEE THE STANDARD WATER VALVE JUMPER DETAIL.
  - WATER MAINS SHALL BE FLUSHED WITH A MINIMUM VELOCITY OF 2.5 FPS.
  - THE INITIAL CHLORINE CONCENTRATION SHALL BE 50 mg/L WITH A MINIMUM 24 HOUR RESIDUAL OF 25 mg/L.
  - THE METHOD OF CHLORINE APPLICATION SHALL BE APPROVED BY THE CITY:
    - LIQUID CHLORINE W/CHLORINATING DEVICE WITH BACKFLOW PREVENTER.
    - CHLORINE BEARING COMPOUNDS IN WATER.
    - TABLET DISINFECTION.
  - ALL NEW VALVES AND HYDRANTS SHALL BE OPERATED WHILE LINE IS BEING CHLORINATED.
  - THE CITY ENGINEERING DIVISION SHALL DETERMINE LOCATION AND QUANTITY OF CORPORATION STOPS FOR FLUSHING AND CHLORINATING.
  - THE FINAL FLUSHING RESIDUAL IN THE NEW CHLORINATED LINES SHALL BE BETWEEN 0.2 AND 2.0 mg/L.
  - ALL WATER SAMPLES SHALL BE COLLECTED ON TWO (2) CONSECUTIVE DAYS AND PASS BACTERIOLOGICAL TEST RESULTS. IN THE EVENT THAT THE FIRST SET OF SAMPLES TAKEN TWO (2) CONSECUTIVE DAYS APART FAIL TO PASS, ANOTHER SET OF SAMPLES MAY BE TAKEN TWO (2) DAYS APART (PER STATE SPECS). IF THE SECOND SET FAILS TO PASS TESTING, THEN THE PROCEDURE MUST BE REPEATED WITH THE MAIN BEING RECHLORINATED, REFRESHED, AND RESAMPLED.
  - STATE CERTIFIED LAB MUST BE USED FOR SAMPLES.

CHLORINE REQUIREMENTS TO PRODUCE 50 mg/L CONCENTRATION IN 100 FEET OF PIPE-BY DIAMETER

PIPE SIZE IN INCHES	100% CHLORINE, LB	1% CHLORINE SOLUTION, GALS.
4	0.027	0.33
6	0.061	0.73
8	0.108	1.30
10	0.170	2.04
12	0.240	2.88

NUMBER OF 5-GRAIN HYPOCHLORITE TABLETS REQUIRED FOR A DOSAGE OF 50mg/L PER LENGTH OF PIPE SECTION

PIPE SIZE IN INCHES	LENGTH OF PIPE SECTION IN FEET				
	UP TO 13	18	20	30	40
2	1	1	1	1	1
4	1	1	2	2	2
6	2	2	3	3	4
8	2	3	5	5	6
10	3	5	7	7	9
12	5	6	10	10	14

Approved: City Engineer  
 Drawing Name: CHLORINATION SPECIFICATIONS  
 Drawing Number: UW-08  
 Date: 4/15/2007  
 Drawn: EM Checked: LZ  
 CRYSTAL LAKE ILLINOIS Engineering Division

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PLOT DATE = 6/5/2014	DATE - 10/15/2013	REVISIONS -	REVISIONS -

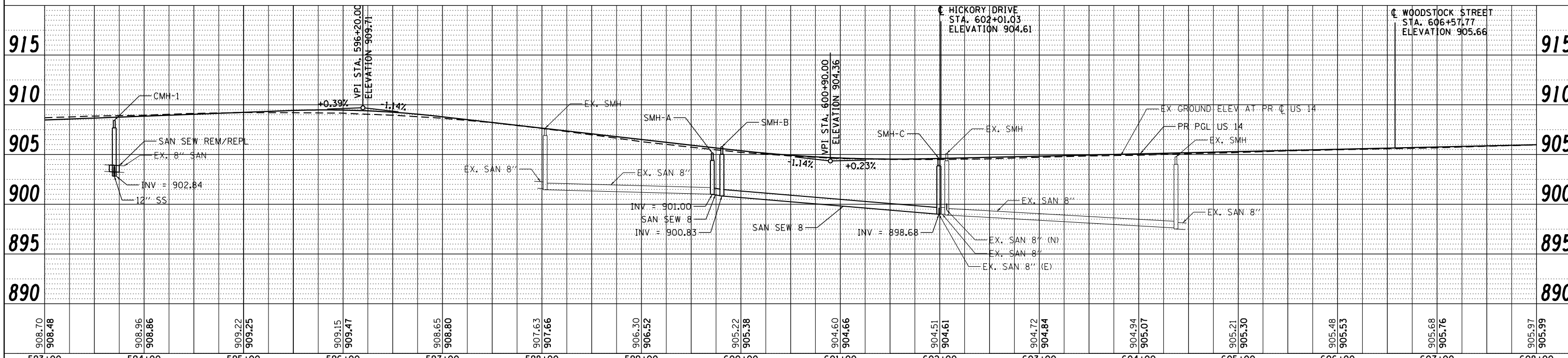
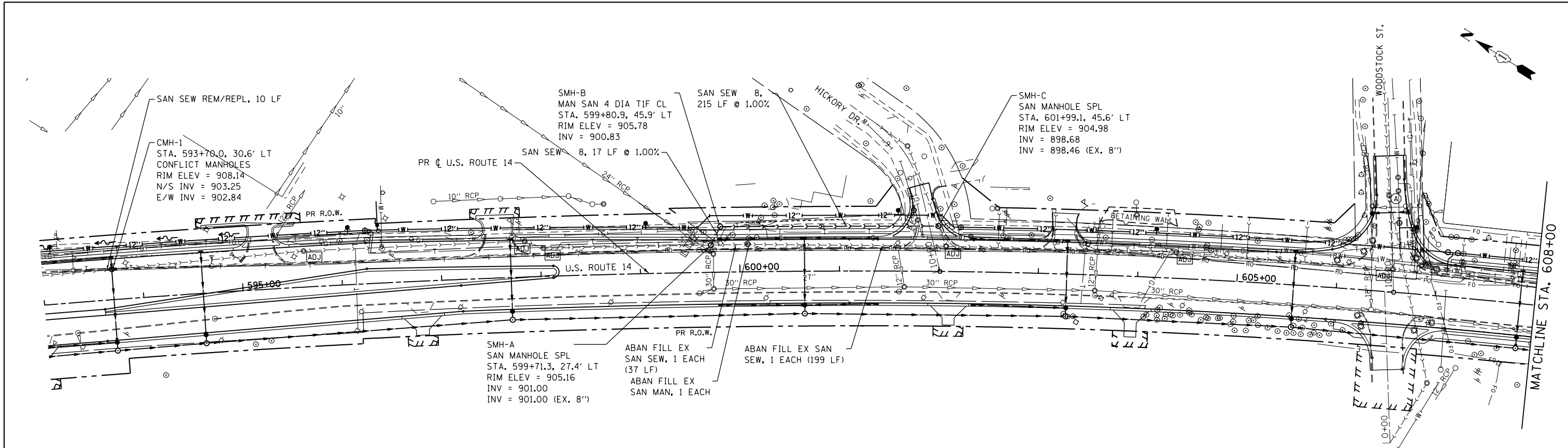
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WATER MAIN CONSTRUCTION DETAILS  
 SCALE: NONE SHEET NO. 157 OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	157
				CONTRACT NO. 62517
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

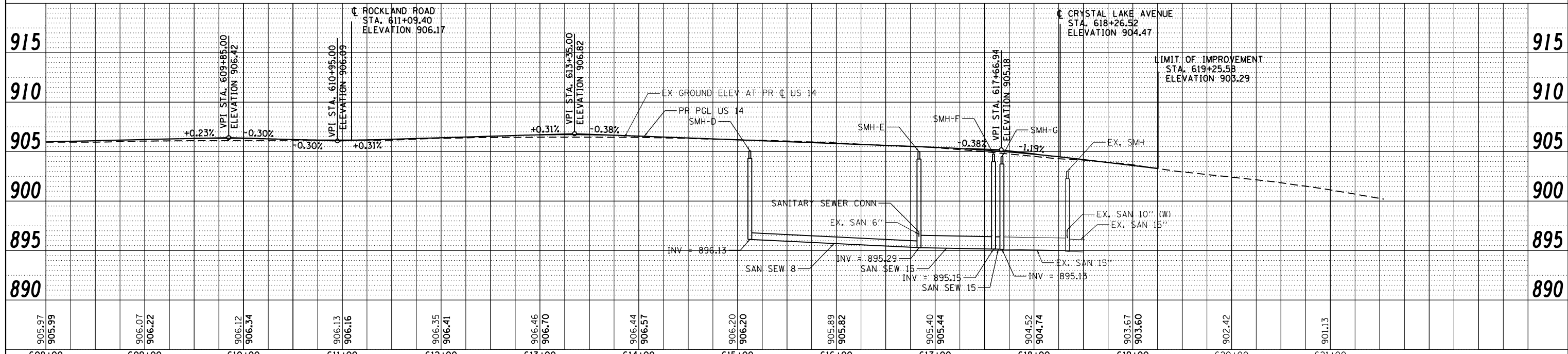
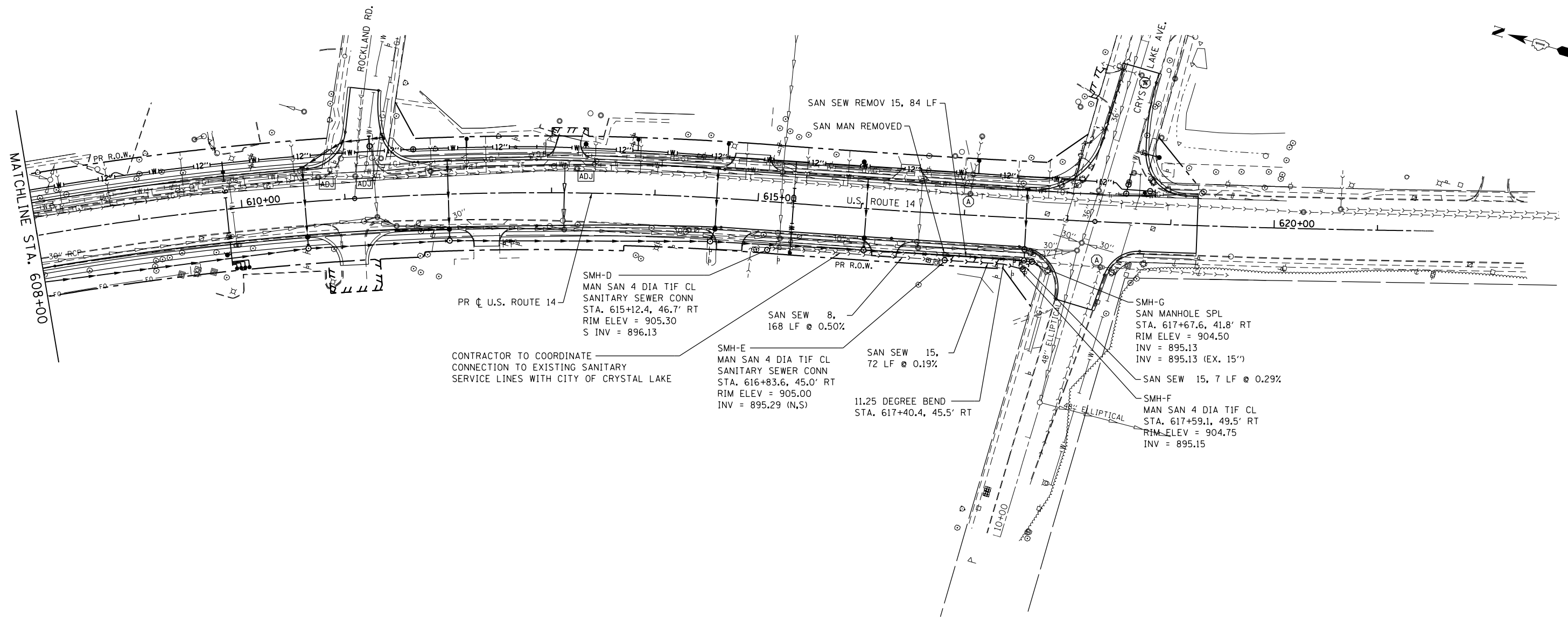
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	PLOTTED	BY
	GRADES CHECKED	
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	NOTE BOOK NO.	
	FILE NAME	



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		DRAWN - JWM	REVISED -		
		CHECKED - MGZ	REVISED -		
		DATE - 10/15/2013	REVISED -		

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	ALIGNMENT CHECKED	
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	NOTE BOOK NO.	
	FILE NAME	

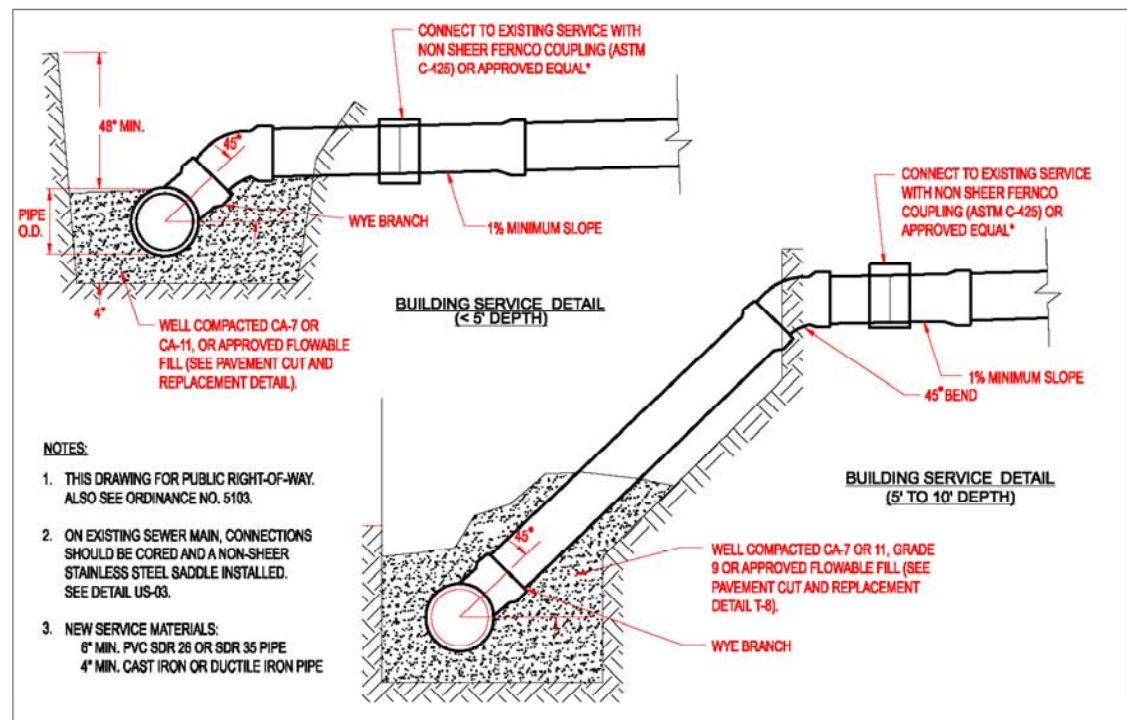


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PLOT SCALE = 100.0000' / 1"	CHECKED - MGZ	REVISED -	REVISED -		SCALE: 1"=50'	SHEET NO. 159 OF 431 SHEETS	STA. 608+00.00 TO STA. 619+25.58	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/23/2013	DATE - 10/15/2013	REVISED -	REVISED -									

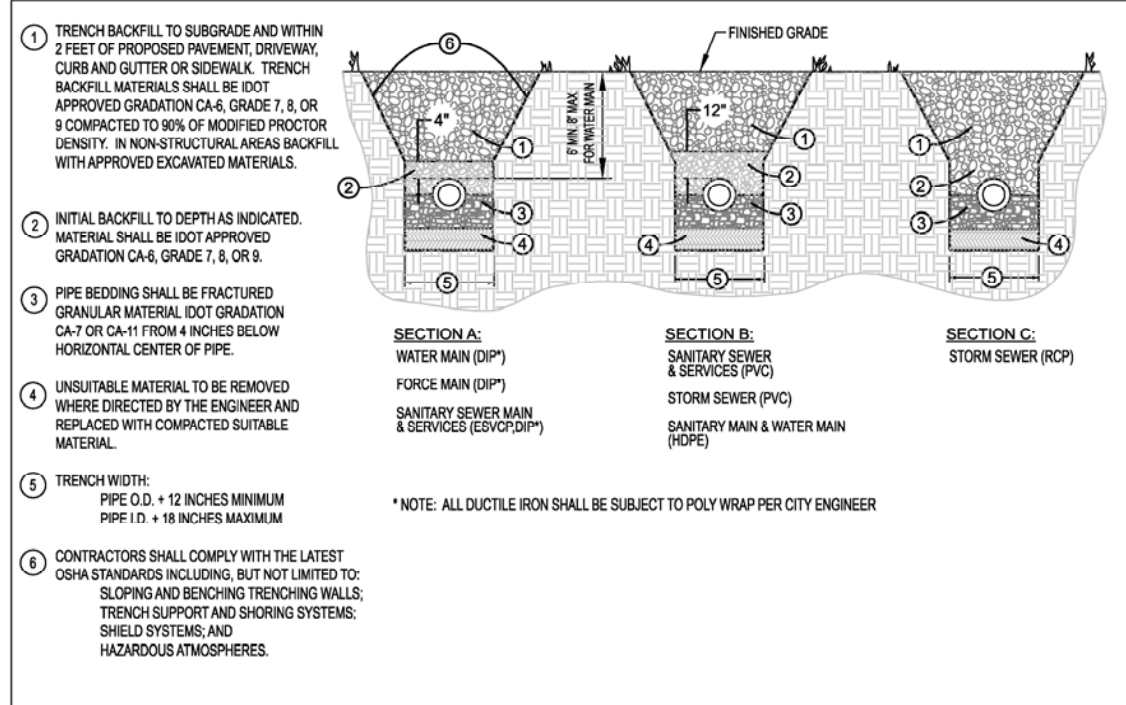
**SANITARY SEWER:**

- Non-shear stainless steel couplings shall be used when connecting sewer pipes of dissimilar materials and pipes with no hub joints. When connecting to an existing sanitary sewer by means other than an existing wye or manhole, contractor shall use a Shower-Tap and hub-wye or hub-tee saddle.
- Unless an alternate method is approved, water stop gaskets shall be provided at all sanitary sewer manhole connections. Type and manufacturer to be approved by the City.
- PVC plastic sewer pipe and fittings of sizes 4-inch through 15-inch shall conform to the latest revised specification requirements of ASTM D3034 for type PSM polyvinyl chloride (PVC) sewer pipe and fittings of minimum wall thickness SDR 35.
- Joints shall be either the solvent weld type conforming to the latest revised specification requirements of ASTM D2584 and ASTM D2855, or elastomeric gasket type conforming to the latest revised specification requirements of ASTM D1869 and ASTM D3212.
- A thicker walled pipe such as SDR 26 may be specified by the engineer depending on design and/or field conditions.
- PVC plastic sewer pipe and fittings of sizes 18-inch through 36-inch shall conform to the latest revised specification requirements of ASTM F679 or polyvinyl chloride (PVC) large diameter ribbed gravity sewer pipe and fittings, with integral bell gasketed joints and elastomeric gaskets to form a watertight seal conforming to the latest revised specification requirements of ASTM F477 or ASTM D3212.
- Pipe and fittings shall be the products of one approved manufacturer only, and there shall not be any mixing of pipe and fittings of different manufacturers.
- The handling and installation of pipe, assembly or joints, and manhole connections shall be in accordance with the manufacturer's recommendations.
- Gasket-type waterstop collars consist of a neoprene collar and a stainless steel band or other approved manhole waterstop shall be installed wherever the pipe passes through the manhole walls to provide a watertight joint to prohibit infiltration into the sewer system.
- PVC pipe shall be installed in accordance with the latest revised specification requirements of ASTM D3221 using either compacted class I or class II granular embedment materials for bedding, haunching and initial backfill of 12 inches over the top of pipe to provide the necessary support for the pipe so that the maximum deflection does not exceed five percent (5%) of the pipe's original internal diameter.
- The Contractor shall provide the necessary tools and equipment and perform the work necessary to test the deflection in the initial 1,200 feet of installed sewer and not less than ten percent (10%) of the remainder of the sewer project at random locations selected by the engineers no sooner than 30 days after backfilling has been completed. In the event that deflection exceeds the maximum limit of five percent (5%), the Contractor shall test all other new flexible pipe for deflection. Deflection shall be tested by use of either a mandrel or rigid bell having a diameter equal to ninety-five percent (95%) of the inside diameter of the pipe, and the test shall be performed without using mechanical pulling devices. Whenever the deflection limitation is exceeded, the contractor shall uncover the pipe, carefully replace compacted embedment and backfill material, and retest for deflection.
- The Contractor shall subject all sanitary sewers, including service lines, to an air test. Allowable infiltration shall not exceed 100 gallons per inch diameter of pipe per mile per day. Televising of testing, cost for televising, and testing shall be the responsibility of the Contractor.
- Cast Iron Soil Pipe: service weight cast iron soil pipe and fittings conforming C.I.S.P.I. Specification HS-67 with compression type rubber gasket joints conforming to ASTM specification C564, or other suitable materials approved by the City Engineer.

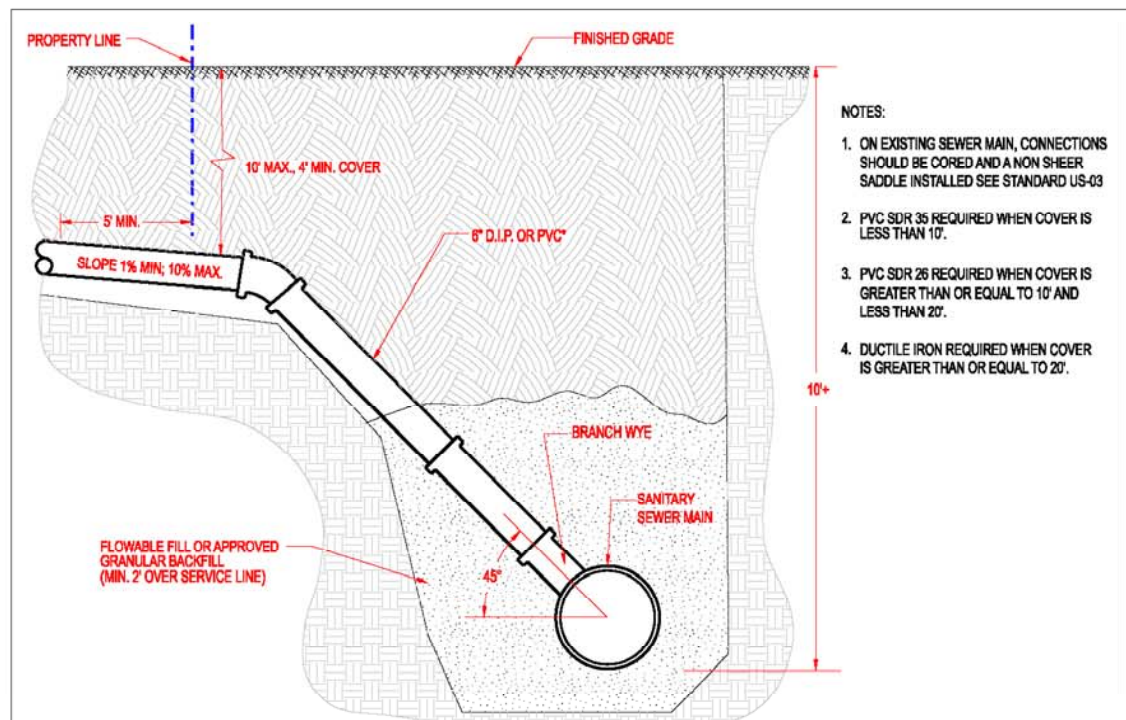
Approved: City Engineer  Victor C. Ramirez, P.E. Director of Engineering and Building	Drawing Name <b>STANDARD NOTES AND SPECIFICATIONS</b>	Drawing Number <b>GE-02c</b>	
		Date: 6/1/2007	
		Drawn: EM	Checked: LZ



Approved: City Engineer  Victor C. Ramirez, P.E. Director of Engineering and Building	Drawing Name <b>SANITARY SERVICE RISER (DEPTH &lt; 10')</b>	Drawing Number <b>US-01</b>	
		Date: 4/15/2007	
		Drawn: EM	Checked: TH



Approved: City Engineer  Victor C. Ramirez, P.E. Director of Engineering and Building	Drawing Name <b>TYPICAL TRENCH CROSS SECTION</b>	Drawing Number <b>UG-03</b>	
		Date: 6/1/2007	
		Drawn: EM	Checked: LZ

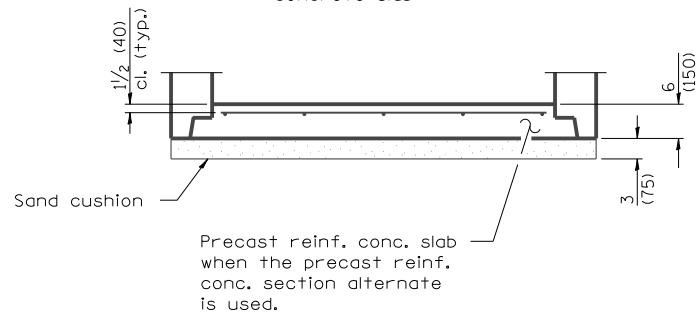
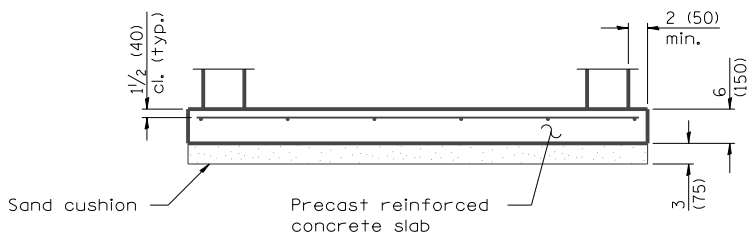


Approved: City Engineer  Victor C. Ramirez, P.E. Director of Engineering and Building	Drawing Name <b>SANITARY SERVICE RISER (DEPTH &gt;= 10')</b>	Drawing Number <b>US-02</b>	
		Date: 4/15/2007	
		Drawn: EM	Checked: TH



ALTERNATE MATERIALS FOR WALLS	D	C*	T (min.)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
	5'-0" (1.5 m)	3'-9" (1.15 m)	5 (125)
Cast-in-place Concrete	4'-0" (1.2 m)	30 (750)	6 (150)
	5'-0" (1.5 m)	3'-9" (1.15 m)	6 (150)

\* For precast reinforced concrete sections, dimension "C" may vary from the dimension given to plus 6 (150).



**ALTERNATE BOTTOM SLAB**

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 0.31 sq. in./ft. (660 sq. mm/m) in both directions with a maximum spacing of 12 (300).

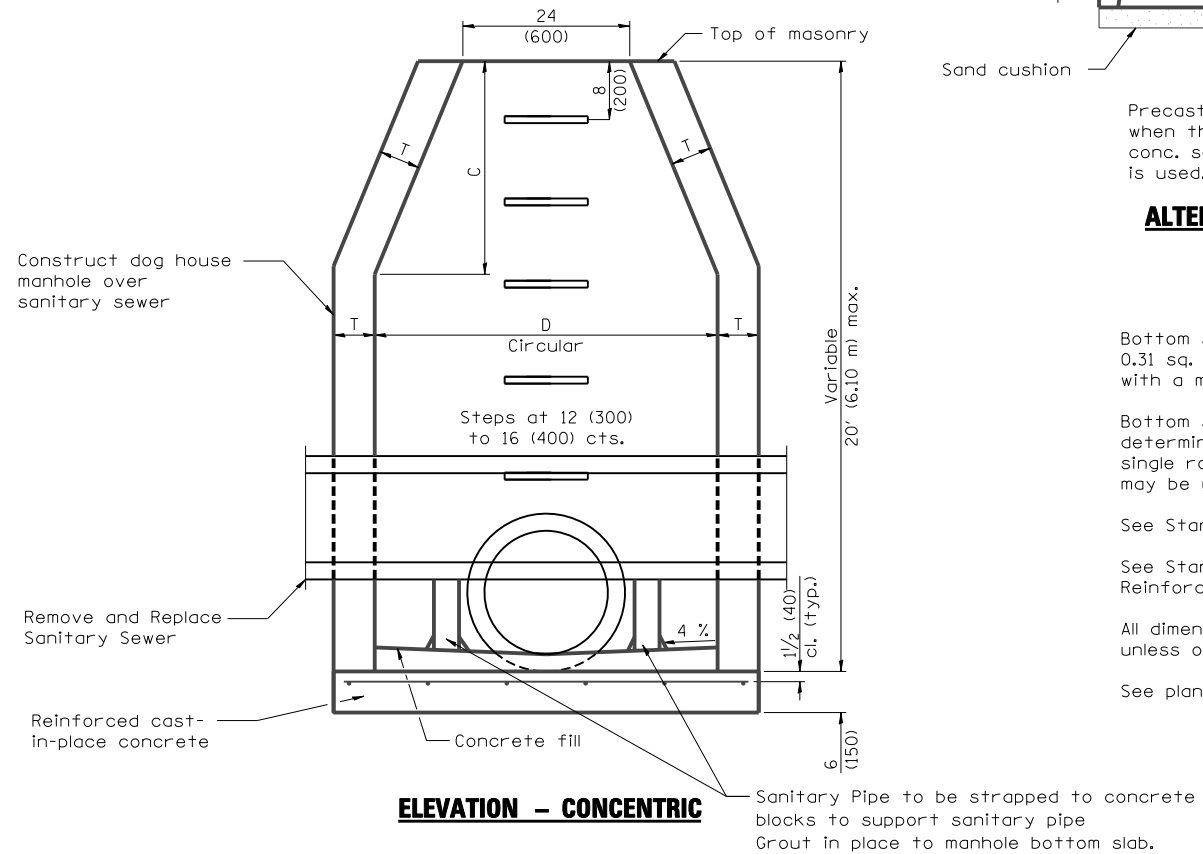
Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

See Standard 602701 for details of steps.

See Standard 602601 for optional Precast Reinforced Concrete Flat Slab Top.

All dimensions are in inches (millimeters) unless otherwise shown.

See plans for rim and invert elevations.



**ELEVATION - CONCENTRIC**

CONFLICT MANHOLE DETAIL  
N.T.S.

FILE NAME =	USER NAME = .USERNAME.	DESIGNED - JWM	REVISED -
S:\1606\CADD Sheets\0162517-sht-sanitary.dgn		DRAWN - JWM	REVISED -
		CHECKED - MGZ	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SANITARY SEWER CONSTRUCTION DETAILS**

SCALE: NONE SHEET NO. 162 OF 431 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	162
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 490+00

MATCHLINE STA. 505+00

STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (OLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH DAY OF NOVEMBER, 2009 AND 25TH DAY OF AUGUST, 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 30TH DAY OF AUGUST, 2010. CHICAGO, IL.

**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- EOGI END OF GEOPHYSICAL INFORMATION



STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619 MY LICENSE EXPIRES 11/30/2011

MATCHLINE STA. 505+00

MATCHLINE STA. 520+00

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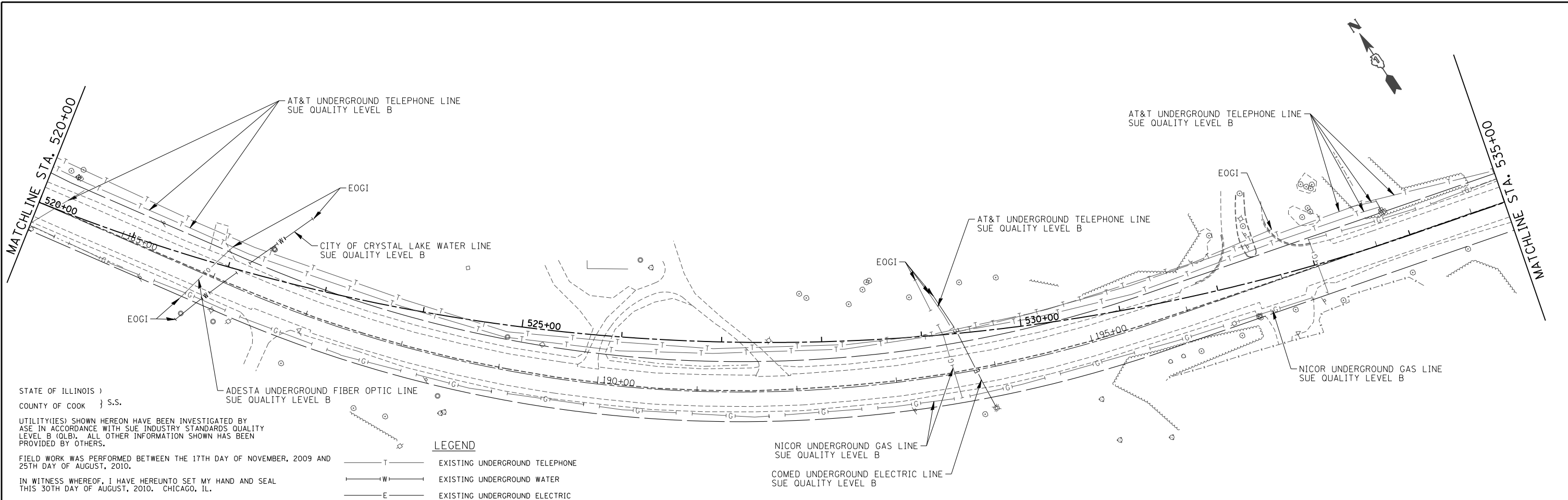
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUE PLAN  
US ROUTE 14**

SCALE: 1"=50' SHEET NO. 163 OF 431 SHEETS STA. 490+00 TO STA. 520+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	163
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS )  
 COUNTY OF COOK ) S.S.

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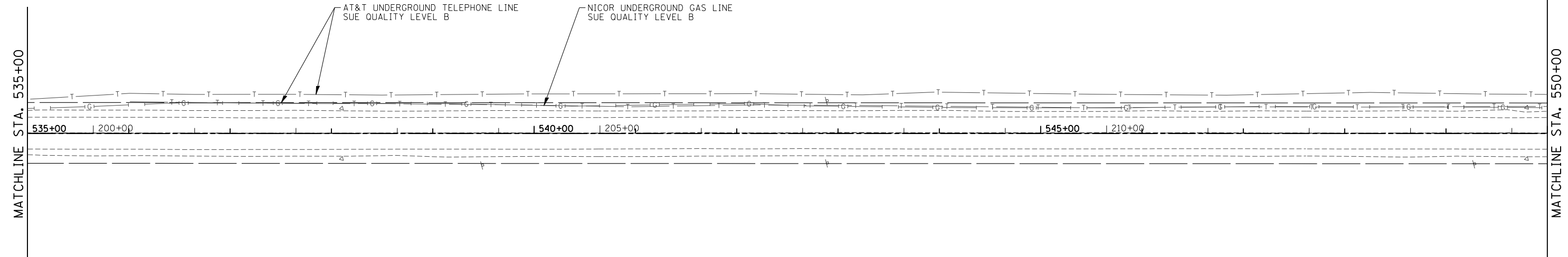
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  - E ——— EXISTING UNDERGROUND ELECTRIC
  - G ——— EXISTING UNDERGROUND GAS
  - CTV ——— EXISTING UNDERGROUND CABLE TV
  - EOGI ——— END OF GEOPHYSICAL INFORMATION



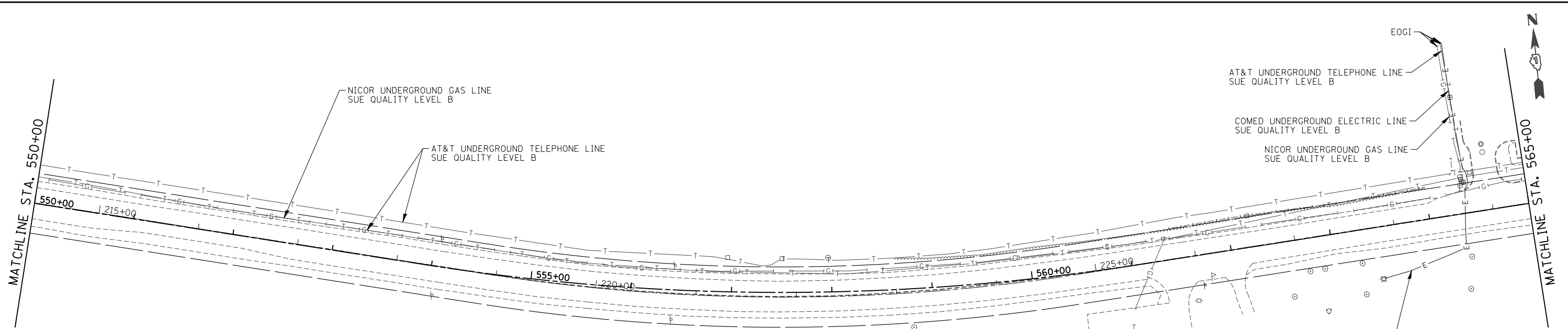
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL  
 ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



- NOTES:**
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FILE NAME =	USER NAME = .USERNAME.	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUE PLAN US ROUTE 14</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\1606\COMMON\US 14 - SUE Study\SUE_Sheets.dgn		DRAWN -	REVISED -			305	27R-3	MCHENRY	431	164
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 62517				
PLOT DATE = 10/10/2013		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 1"=50'		SHEET NO. 164 OF 431 SHEETS		STA. 520+00 TO STA. 550+00		





STATE OF ILLINOIS )  
 COUNTY OF COOK } S.S.

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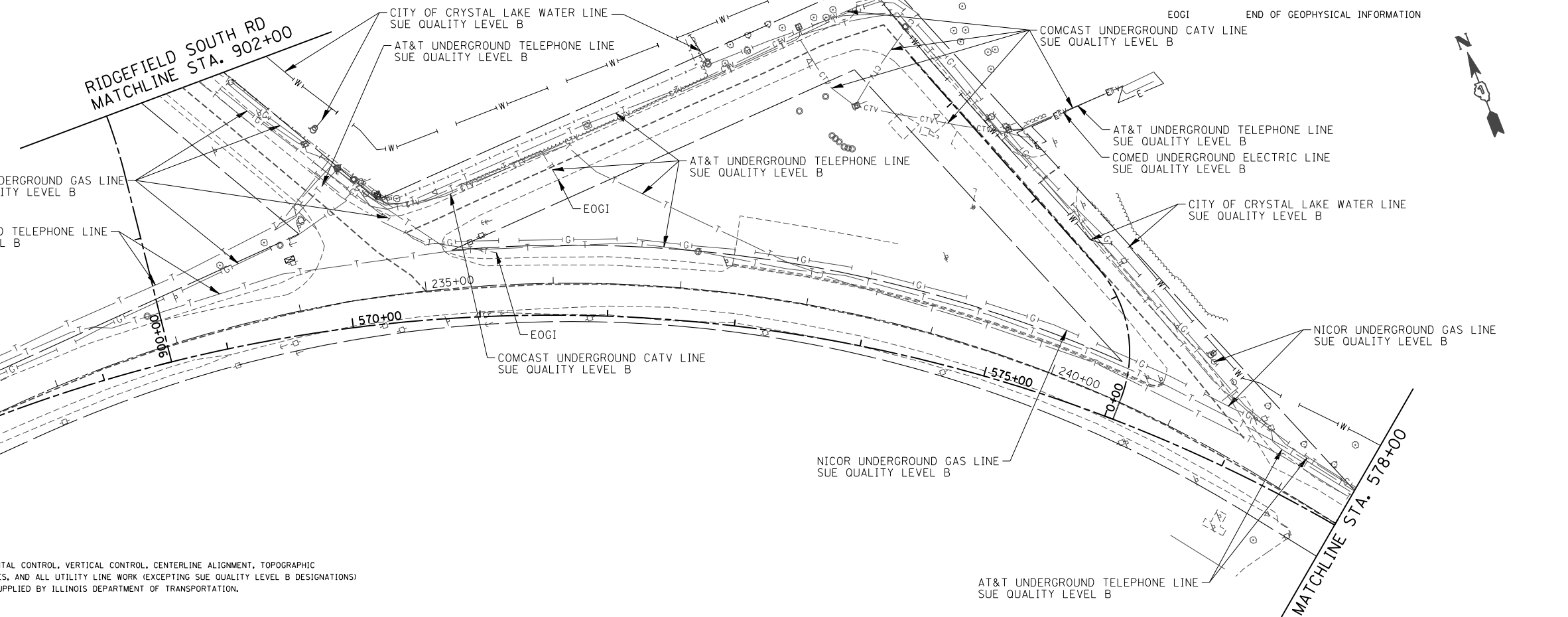
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STEVEN M. RIENKS - ILLINOIS PROFESSIONAL  
 ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011

**LEGEND**

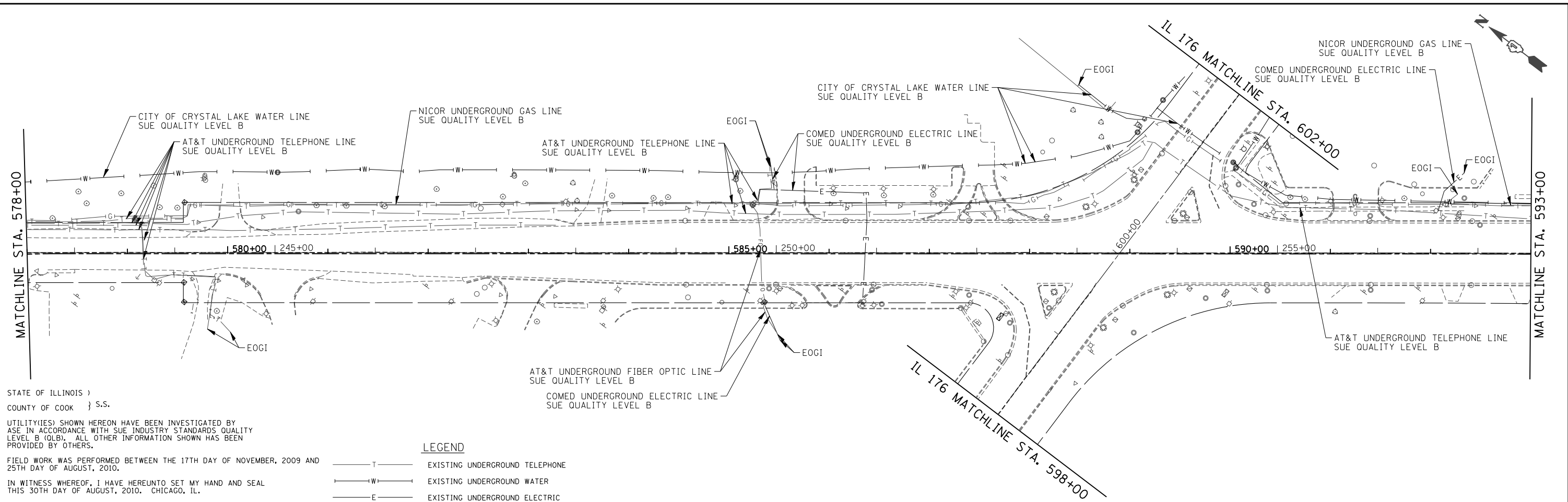
—T—	EXISTING UNDERGROUND TELEPHONE
—W—	EXISTING UNDERGROUND WATER
—E—	EXISTING UNDERGROUND ELECTRIC
—G—	EXISTING UNDERGROUND GAS
—CTV—	EXISTING UNDERGROUND CABLE TV
EOGI	END OF GEOPHYSICAL INFORMATION



**NOTES:**

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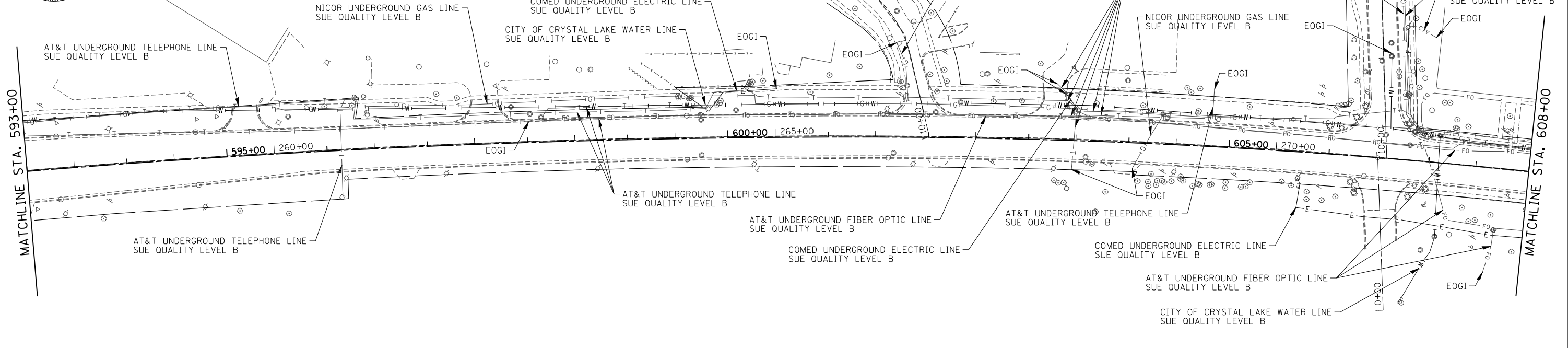
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PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: 1"=50'	SHEET NO. 165 OF 431 SHEETS	STA. 550+00 TO STA. 578+00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/10/2013	DATE -	REVISED -	REVISED -									



**STEVEN M. RIENKS**  
082-044619  
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2011

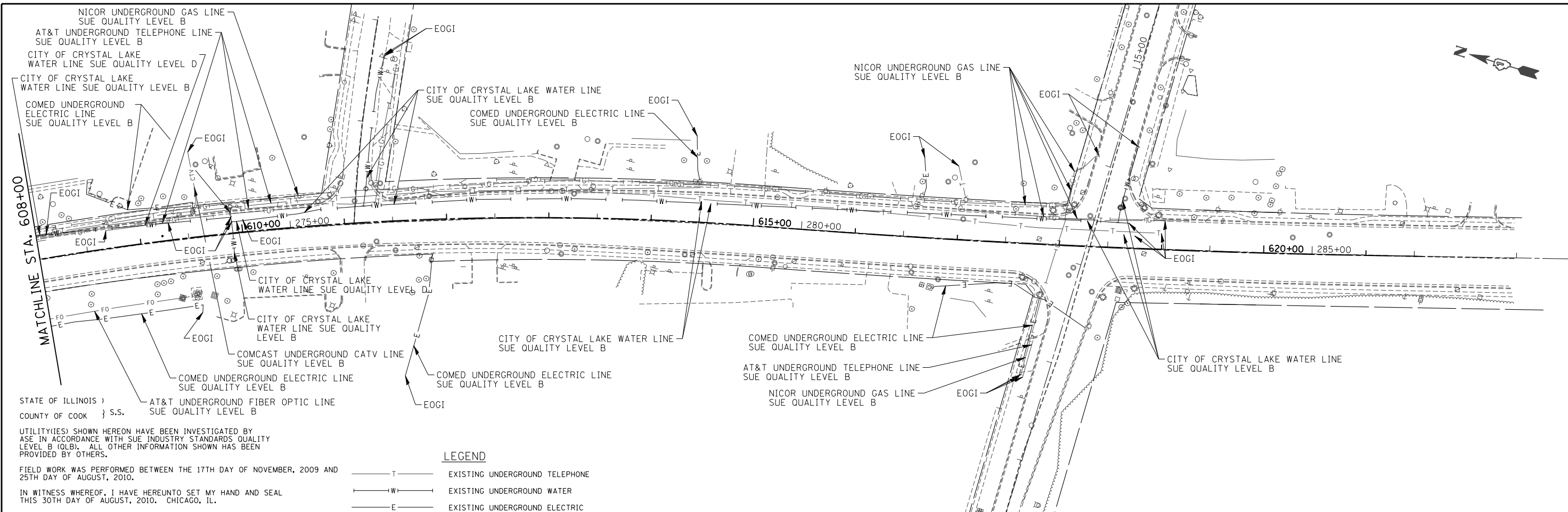
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FILE NAME = S:\1606\COMMON\US 14 - SUE Study\SUE_Sheets.dgn	USER NAME = _USERNAME_	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUE PLAN US ROUTE 14</b>	F.A. RTE. = 305	SECTION = 27R-3	COUNTY = MCHENRY	TOTAL SHEETS = 431	SHEET NO. = 166		
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	SCALE: 1"=50'			SHEET NO. 166 OF 431 SHEETS	STA. 578+00 TO STA. 608+00	CONTRACT NO. 62517		ILLINOIS FED. AID PROJECT		
PLOT DATE = 10/10/2013	DATE -	REVISED -										



STATE OF ILLINOIS )  
 COUNTY OF COOK ) S.S.

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STEVEN M. RIENKS - ILLINOIS PROFESSIONAL  
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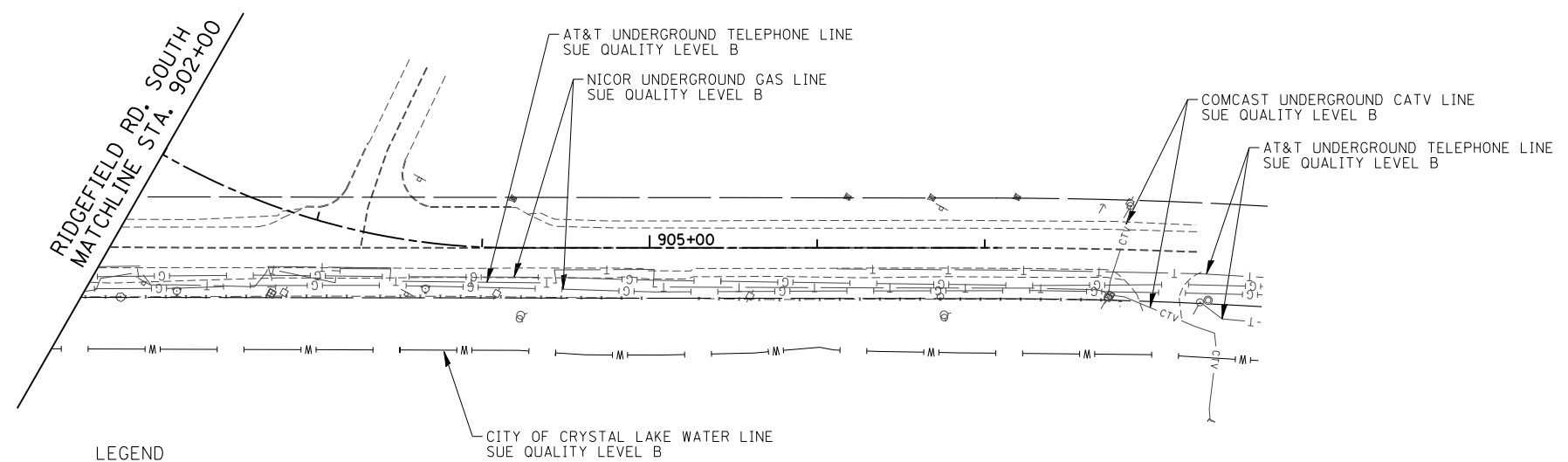
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUE PLAN  
 US ROUTE 14**

SCALE: 1"=50'    SHEET NO. 167 OF 431 SHEETS    STA. 608+00    TO STA. 619+25.58

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	167
CONTRACT NO. 62517				
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS )  
 COUNTY OF COOK } S.S.

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- EOGI END OF GEOPHYSICAL INFORMATION



STEVEN M. RIENKS - ILLINOIS PROFESSIONAL  
 ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011

**NOTES:**

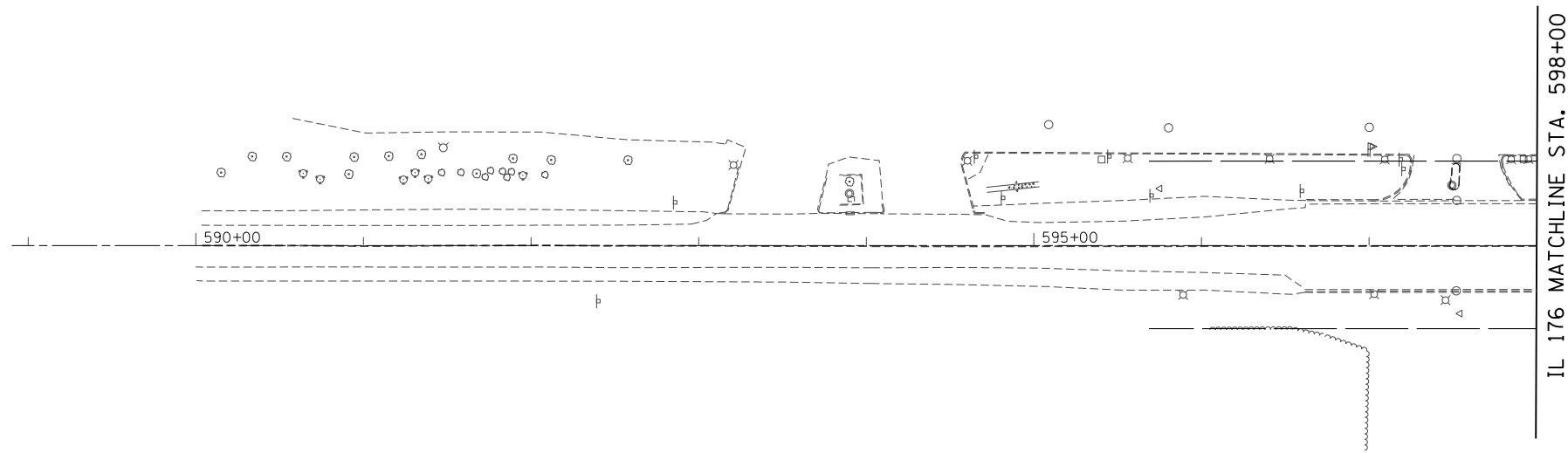
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FILE NAME =	USER NAME = .USERNAME.	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SUE PLAN    RIDGEFIELD RD. SOUTH</b>	
SCALE: 1"=50'	SHEET NO. 168 OF 431 SHEETS STA. 902+00 TO STA. 907+07.76

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	168
<b>CONTRACT NO. 62517</b>				
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS )  
 COUNTY OF COOK ) S.S.

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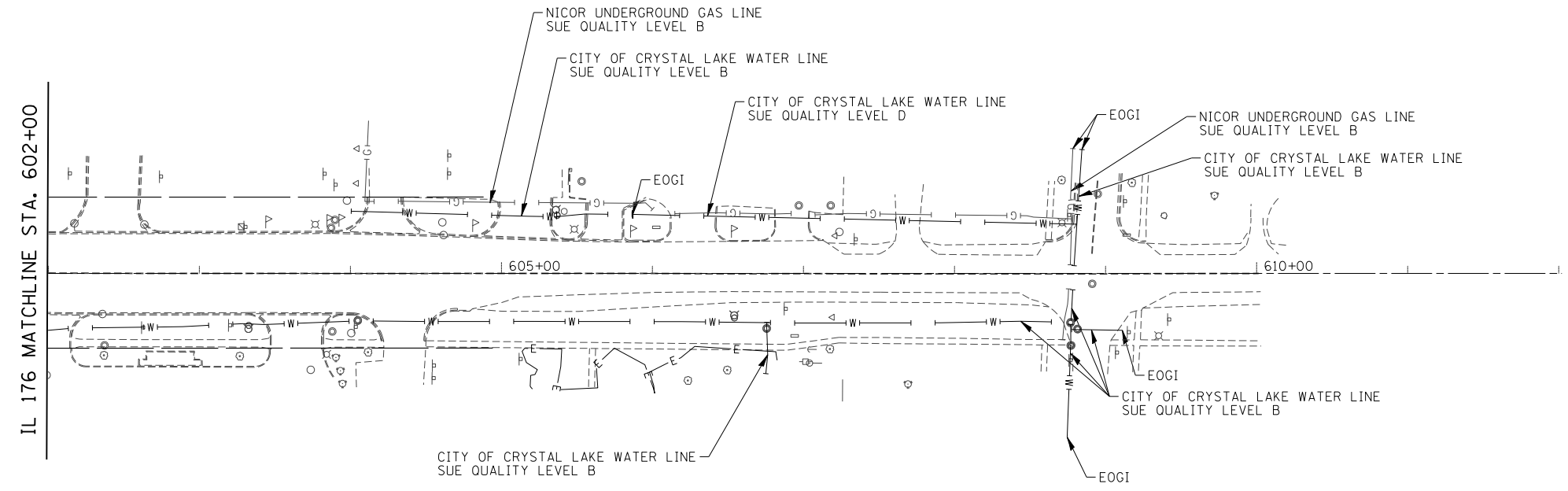
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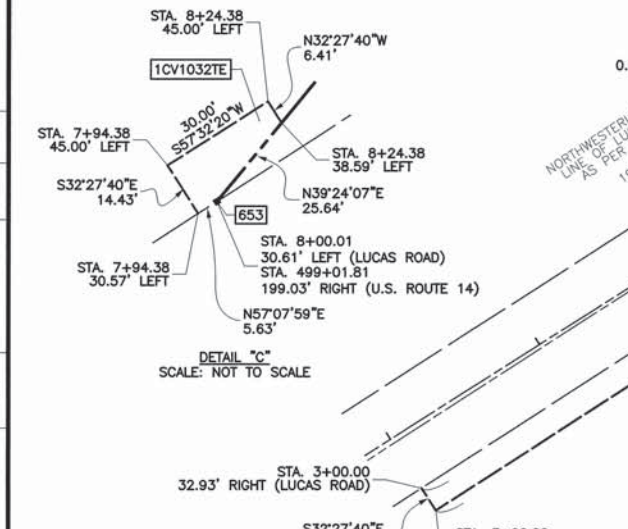
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S:\1606\COMMON\US 14 - SUE Study\SUE_Sheets.dgn		DRAWN -	REVISED -			305	27R-3	MCHENRY	431	169
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			<b>CONTRACT NO. 62517</b>				
PLOT DATE = 10/10/2013		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1"=50'	SHEET NO. 169 OF 431 SHEETS	STA. 590+23.8	TO STA. 608+47.5		

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
648	STA.=496+00.00	75.00' RIGHT	2037569.3893	973502.7275
649	STA.=496+00.00	85.00' RIGHT	2037563.9398	973494.3428
650	STA.=498+00.00	75.00' LEFT	2037483.4376	973737.4876
651	STA.=498+00.00	85.00' LEFT	2037488.8870	973745.8723
652	STA.=498+65.69	85.00' RIGHT	2037341.1668	973639.1300
652	STA.=9+13.68 (4)	67.85' LEFT	2037341.1668	973639.1300
653	STA.=499+01.81	199.03' RIGHT	2037248.7392	973563.2039
653	STA.=8+00.01 (4)	30.61' LEFT	2037248.7392	973563.2039
654	STA.=499+61.81	199.61' RIGHT	2037198.1160	973595.4138
654	STA.=8+00.02 (4)	29.39' RIGHT	2037198.1160	973595.4138
655	STA.=499+87.18	90.00' RIGHT	2037236.5764	973701.1434
655	STA.=9+09.87 (4)	53.69' RIGHT	2037236.5764	973701.1434
973	STA.=498+95.32	85.00' LEFT	2037408.9637	973797.8170
974	STA.=498+95.32	110.00' LEFT	2037422.5915	973818.7761
975	STA.=500+00.00	110.00' LEFT	2037334.8168	973875.8236
976	STA.=500+00.00	90.00' LEFT	2037323.9178	973859.0542
660	STA.=504+50.00	90.00' RIGHT	2036848.5157	973953.3563
661	STA.=504+50.00	70.00' RIGHT	2036859.4147	973970.1257
662	STA.=505+50.00	90.00' LEFT	2036862.7594	974158.7756
663	STA.=505+50.00	105.00' LEFT	2036870.9336	974171.3527

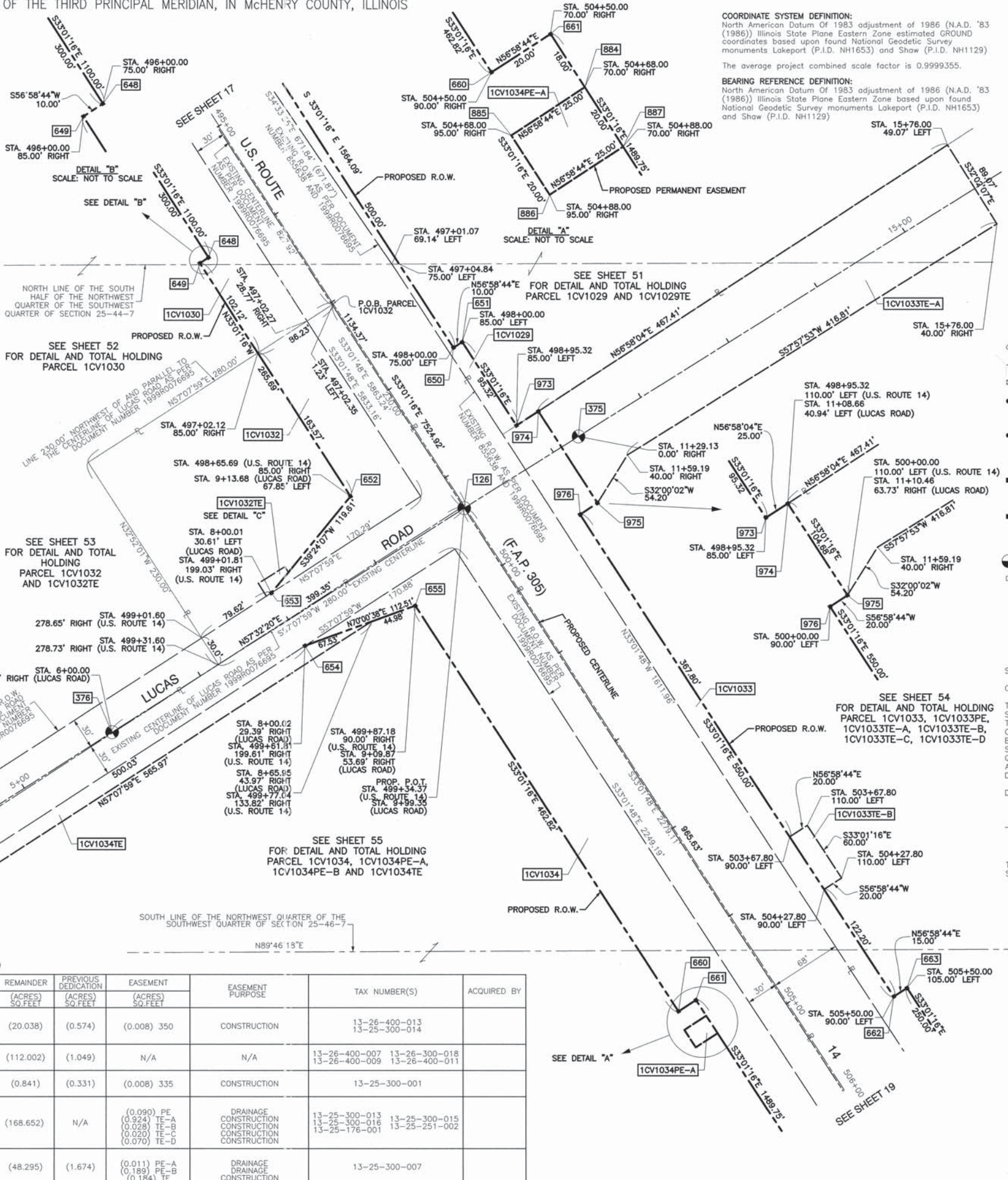
PROJECT COORDINATES FOR PROPOSED PERMANENT EASEMENT				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
884	STA.=504+68.00	70.00' RIGHT	2036844.3222	973979.9347
885	STA.=504+68.00	95.00' RIGHT	2036830.6985	973958.9730
886	STA.=504+88.00	95.00' RIGHT	2036813.9291	973969.8719
887	STA.=504+88.00	70.00' RIGHT	2036827.5528	973990.8337

PROJECT COORDINATES FOR PROPOSED CENTERLINE LUCAS ROAD				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
126	STA.=9+99.35	0.00' RIGHT	2037329.9016	973747.8268
375	STA.=11+29.13	0.00' RIGHT	2037398.7410	973857.8423
376	STA.=6+00.00	0.00' RIGHT	2037115.5602	973410.8724

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
125	STA.=488+00.00	0.00' RIGHT	2038281.0363	973129.6543
126	STA.=499+34.37	0.00' RIGHT	2037329.9016	973747.8268
127	STA.=509+00.00	0.00' RIGHT	2036520.2496	974274.0452



PARCEL NO.	OWNER	TOTAL HOLDING (ACRES)	PART TAKEN (ACRES)	REMAINDER (ACRES)	PREVIOUS DEDICATION (ACRES)	EASEMENT (ACRES)	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1029 1CV1029TE	Steven A. Hurckes and William J. Gilger, as Trustees under trust agreement dated the 6th day of December, 1993, known as The GHM Trust	(21.706)	(1.668)	(20.038)	(0.574)	(0.008)	350	13-26-400-013 13-25-300-014	
1CV1030	PB IL Oreo, LLC, an Illinois limited liability company	(114.760)	(2.758)	(112.002)	(1.049)	N/A	N/A	13-26-400-007 13-26-400-009 13-26-400-011	
1CV1032 1CV1032TE	Kabir-Pramukh Realty, Inc., an Illinois corporation	(1.477)	(0.636)	(0.841)	(0.331)	(0.008)	335	13-25-300-001	
1CV1033 1CV1033PE 1CV1033TE-A 1CV1033TE-B 1CV1033TE-C 1CV1033TE-D	Board of Trustees of Junior College District No. 528	(169.666)	(1.014)	(168.652)	N/A	(0.090) PE (0.924) TE-A (0.028) TE-B (0.020) TE-C (0.070) TE-D	DRAINAGE CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION	13-25-300-013 13-25-300-016 13-25-176-001 13-25-300-015 13-25-251-002	
1CV1034 1CV1034PE-A 1CV1034PE-B 1CV1034TE	Amcore Bank, as Trustee under Trust Agreement dated the 4th day of March, 1987 and known as Trust Number 2696	(52.134)	(3.839)	(48.295)	(1.674)	(0.011) PE-A (0.189) PE-B (0.184) TE	DRAINAGE CONSTRUCTION	13-25-300-007	



**COORDINATE SYSTEM DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

**BEARING REFERENCE DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPROXIMATE PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- CUT CROSS SET OR FOUND
- CONCRETE R.O.W. MARKER FOUND
- 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 SURVEYORS 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS. 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
FEB 04 2013  
PLATS & LEGALS

**Robinson**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

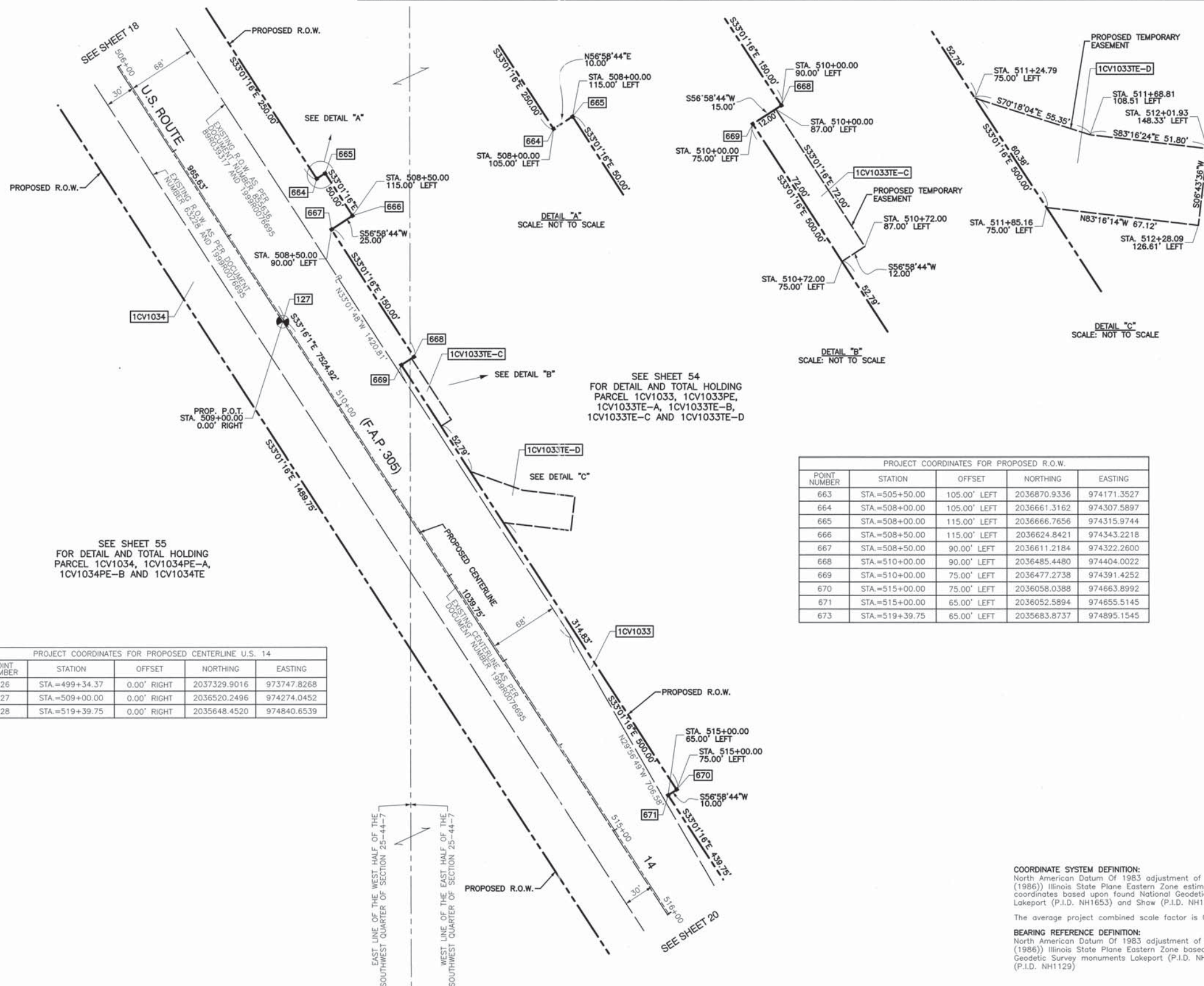
SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 495+00 TO STATION 506+00  
SCALE: 1"=50' SHEET 18 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PARCEL NO.	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
		(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET			
1CV1033 1CV1033PE 1CV1033TE-A 1CV1033TE-B 1CV1033TE-C 1CV1033TE-D	Board of Trustees of Junior College District No. 528	(169.666)	(1.014)	(168.652)	N/A	(0.090) PE (0.924) TE-A (0.028) TE-B (0.020) TE-C (0.070) TE-D	DRAINAGE CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION	13-25-300-013 13-25-300-016 13-25-176-001	13-25-300-015 13-25-251-002
1CV1034 1CV1034PE-A 1CV1034PE-B 1CV1034TE	Amcore Bank, as Trustees under Trust Agreement dated the 4th day of March, 1987 and known as Trust Number 2695	(52.134)	(3.839)	(48.295)	(1.674)	(0.011) PE-A (0.189) PE-B (0.184) TE	DRAINAGE DRAINAGE CONSTRUCTION	13-25-300-007	

**LEGEND**

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- CUT CROSS SET OR FOUND
- CONCRETE R.O.W. MARKER FOUND
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- 5/8" REBAR SET OR FOUND
- "P.K." NAIL SET OR FOUND
- "MAG" NAIL SET OR FOUND
- 5/8" IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- 5/8" IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.



PROJECT COORDINATES FOR PROPOSED R.O.W.

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
663	STA.=505+50.00	105.00' LEFT	2036870.9336	974171.3527
664	STA.=508+00.00	105.00' LEFT	2036661.3162	974307.5897
665	STA.=508+00.00	115.00' LEFT	2036666.7656	974315.9744
666	STA.=508+50.00	115.00' LEFT	2036624.8421	974343.2218
667	STA.=508+50.00	90.00' LEFT	2036611.2184	974322.2600
668	STA.=510+00.00	90.00' LEFT	2036485.4480	974404.0022
669	STA.=510+00.00	75.00' LEFT	2036477.2738	974391.4252
670	STA.=515+00.00	75.00' LEFT	2036058.0388	974663.8992
671	STA.=515+00.00	65.00' LEFT	2036052.5894	974655.5145
673	STA.=519+39.75	65.00' LEFT	2035683.8737	974895.1545

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
126	STA.=499+34.37	0.00' RIGHT	2037329.9016	973747.8268
127	STA.=509+00.00	0.00' RIGHT	2036520.2496	974274.0452
128	STA.=519+39.75	0.00' RIGHT	2035648.4520	974840.6539

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



RECEIVED  
FEB 04 2013  
PLATS & LEGALS

**Robinson**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 506+00 TO STATION 516+00  
SCALE: 1"=50' SHEET 19 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

SEE SHEET 54  
FOR DETAIL AND TOTAL HOLDING  
PARCEL 1CV1033, 1CV1033PE, 1CV1033TE-A,  
1CV1033TE-B, 1CV1033TE-C & 1CV1033TE-D

SEE SHEET 55  
FOR DETAIL AND TOTAL HOLDING  
PARCEL 1CV1034, 1CV1034PE-A,  
1CV1034PE-B & 1CV1034TE

SEE SHEET 56  
FOR DETAIL AND TOTAL HOLDING  
PARCEL 1CV1035PE

SEE SHEET 57  
FOR DETAIL AND TOTAL HOLDING  
PARCEL 1CV1037 & 1CV1037TE

SEE SHEET 58  
FOR DETAIL AND TOTAL HOLDING  
PARCEL 1CV1036, 1CV1036TE & 1CV1052

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES)	PART TAKEN (ACRES)	REMAINDER (ACRES)	PREVIOUS DEDICATION (ACRES)	EASEMENT (ACRES)	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1033 1CV1033PE 1CV1033TE-A 1CV1033TE-B 1CV1033TE-C 1CV1033TE-D	Board of Trustees of Junior College District No. 528	(169.666)	(1.014)	(168.652)	N/A	(0.090) PE (0.924) TE-A (0.028) TE-B (0.020) TE-C (0.070) TE-D	DRAINAGE CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION	13-25-300-013 13-25-300-016 13-25-176-001 13-25-251-002	
1CV1034 1CV1034PE-A 1CV1034PE-B 1CV1034TE	Amcor Bank, as Trustee under Trust Agreement dated the 4th day of March, 1987 and known as Trust Number 2696	(52.134)	(3.839)	(48.295)	(1.674)	(0.011) PE-A (0.189) PE-B (0.184) TE	DRAINAGE CONSTRUCTION	13-25-300-007	
1CV1035PE	Commonwealth Edison Company	(19.543)	N/A	(19.543)	(0.156)	(0.343)	N/A	13-36-100-006 13-35-200-001	
1CV1036 1CV1036TE	AmAudit Building Management, LLC	(6.505)	(1.485)	(5.020)	(0.426)	(0.032)	N/A	13-36-200-007 13-36-100-008	
1CV1037 1CV1037TE	Patricia L. Christ, as Trustee of the Nonmarital Trust created by William O. Christ and Patricia L. Christ under Trust Agreement dated October 22, 1993	(40.042)	(0.705)	(39.337)	(0.642)	(0.007) 301	CONSTRUCTION	13-36-100-013 13-36-100-010	
1CV1052	Philip J. Hellyer	(2.085)	(1.230)	(0.855)	(0.374)	(0.007) 301	N/A	13-36-100-007	
1CV1056PE	Commonwealth Edison Company	(17.462)	N/A	(17.462)	(0.156)	(0.405)	N/A	13-36-200-004 14-31-100-005	

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
127	STA.=509+00.00	0.00' RIGHT	2036520.2496	974274.0452
128	STA.=519+39.75	0.00' RIGHT	2035648.4520	974840.6539
129	STA.=527+00.00	0.00' RIGHT	2035105.7460	975366.3004
130	STA.=534+02.42	0.00' RIGHT	2034814.5777	976001.4355

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
673	STA.=519+39.75	65.00' LEFT	2035683.8737	974895.1545
674	STA.=519+39.75	70.00' RIGHT	2035610.3057	974781.9610
675	STA.=524+21.27	70.00' RIGHT	2035229.4365	975101.8737
676	STA.=525+50.00	65.00' LEFT	2035246.4263	975287.6838
677	STA.=525+50.00	80.00' LEFT	2035258.0477	975297.1676
724	STA.=519+55.87	70.00' RIGHT	2035596.3422	974791.1179
725	STA.=521+84.32	70.00' RIGHT	2035407.0600	974932.7964
726	STA.=520+48.70	65.00' LEFT	2035597.1732	974954.9800
727	STA.=523+03.94	65.00' LEFT	2035407.9749	975113.2127

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
896	STA.=517+05.00	65.00' LEFT	2035880.7030	974767.2288
897	STA.=517+05.00	130.00' LEFT	2035916.1247	974821.7294
898	STA.=517+65.00	130.00' LEFT	2035865.8165	974854.4263
899	STA.=517+65.00	65.00' LEFT	2035830.3948	974799.9257

**LEGEND**

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

Scale: 1"=50'

- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- CUT CROSS SET OR FOUND
- CONCRETE R.O.W. MARKER FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- M STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25 AND 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
FEB 04 2013  
PLATS & LEGALS

**Robinson**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION 16 McHENRY COUNTY  
PROJECT STATION 516+00 TO JOB NO. R-91-015-98  
SCALE: 1"=50' STATION 528+00 SHEET 20 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

<b>CURVE "27"</b> A=42°32'47" L=968.02' R=1303.60' CH.=945.93' CH. BRG.=S54°18'11"E	<b>CURVE "28"</b> A=42°32'47" L=945.75' R=1273.60' CH.=924.17' CH. BRG.=S54°18'11"E	<b>CURVE "29"</b> A=42°32'47" L=923.47' R=1243.60' CH.=902.40' CH. BRG.=S54°18'11"E	<b>CURVE "1J-2"</b> A=07°25'45" L=246.82' R=1903.50' CH.=246.84' CH. BRG.=S39°54'25"E	<b>CURVE "1J-3"</b> A=06°53'48" L=245.38' R=2038.50' CH.=245.23' CH. BRG.=S43°35'17"E	<b>CURVE "1J-4"</b> A=01°28'17" L=52.35' R=2038.50' CH.=52.35' CH. BRG.=S40°52'31"E
<b>CURVE "1L"</b> A=42°34'22" L=1462.67' R=1968.50' CH.=1429.25' CH. BRG.=S54°18'27"E	<b>CURVE "1J"</b> A=14°00'55" L=498.64' R=2038.50' CH.=497.40' CH. BRG.=S40°01'43"E	<b>CURVE "1J-1"</b> A=07°28'10" L=16.70' R=1903.50' CH.=105.34' CH. BRG.=S33°15'21"E	<b>CURVE "1H-2"</b> A=07°25'45" L=246.82' R=1903.50' CH.=246.84' CH. BRG.=S39°54'25"E	<b>CURVE "1H-3"</b> A=07°09'43" L=237.93' R=1903.50' CH.=237.78' CH. BRG.=S47°12'09"E	<b>CURVE "1L"</b> A=18°55'09" L=623.58' R=1888.50' CH.=620.75' CH. BRG.=S60°14'34"E
<b>CURVE "1J-5"</b> A=00°50'36" L=30.00' R=2038.50' CH.=30.00' CH. BRG.=S42°01'57"E	<b>CURVE "1H"</b> A=17°45'44" L=590.10' R=1903.50' CH.=587.74' CH. BRG.=S41°54'08"E	<b>CURVE "1H-1"</b> A=03°10'16" L=105.35' R=1903.50' CH.=105.34' CH. BRG.=S34°36'24"E	<b>CURVE "1H-2"</b> A=07°25'45" L=246.82' R=1903.50' CH.=246.84' CH. BRG.=S39°54'25"E	<b>CURVE "1H-3"</b> A=07°09'43" L=237.93' R=1903.50' CH.=237.78' CH. BRG.=S47°12'09"E	<b>CURVE "1L"</b> A=18°55'09" L=623.58' R=1888.50' CH.=620.75' CH. BRG.=S60°14'34"E
<b>CURVE "1L-1"</b> A=04°11'09" L=137.97' R=1888.50' CH.=137.94' CH. BRG.=S52°52'35"E	<b>CURVE "1L-2"</b> A=14°43'59" L=485.61' R=1888.50' CH.=484.28' CH. BRG.=S62°20'09"E	<b>CURVE "1L-3"</b> A=0°54'54" L=30.16' R=1888.50' CH.=30.16' CH. BRG.=S53°33'00"E	<b>CURVE "1Y"</b> A=0°54'54" L=30.00' R=1878.50' CH.=30.00' CH. BRG.=S53°33'00"E		



**CURVE "27"**  
 $\Delta=42^{\circ}32'47''$   
 $L=968.02'$   
 $R=1303.60'$   
 $CH=945.93'$   
 $CH. BRG.=S54^{\circ}18'11''E$

**CURVE "28"**  
 $\Delta=42^{\circ}32'47''$   
 $L=945.75'$   
 $R=1273.60'$   
 $CH=924.17'$   
 $CH. BRG.=S54^{\circ}18'11''E$

**CURVE "29"**  
 $\Delta=42^{\circ}32'47''$   
 $L=923.47'$   
 $R=1243.60'$   
 $CH=902.40'$   
 $CH. BRG.=S54^{\circ}18'11''E$

**CURVE "1L"**  
 $\Delta=42^{\circ}34'22''$   
 $L=1462.67'$   
 $R=1968.50'$   
 $CH=1429.25'$   
 $CH. BRG.=S54^{\circ}18'27''E$

SEE SHEET 58  
 FOR DETAIL AND TOTAL HOLDING  
 PARCEL 1CV1036 & 1CV1036TE

SEE SHEET 57  
 FOR DETAIL AND TOTAL HOLDING  
 PARCEL 1CV1037 & 1CV1037TE

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES)	PART TAKEN (ACRES)	REMAINDER (ACRES)	PREVIOUS DEDICATION (ACRES)	EASEMENT (ACRES)	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1036 1CV1036TE	AmAudit Building Management, LLC	(6.505)	(1.485)	(5.020)	(0.426)	(0.032)	N/A	13-36-200-007 13-36-100-008	
1CV1037 1CV1037TE	Patricia L. Christ, as Trustee of the Nonmarital Trust created by William O. Christ and Patricia L. Christ under Trust Agreement dated October 22, 1993	(40.042)	(0.705)	(39.337)	(0.642)	(0.007) 301	CONSTRUCTION	13-36-100-013 13-36-100-010	
1CV1038 1CV1038TE	Carol A. Koehmstedt	(3.794)	(0.319)	(3.475)	(0.194)	(0.018)	CONSTRUCTION	13-36-200-002	
1CV1039-A 1CV1039-B 1CV1039TE	Harris Trust and Savings Bank, successor to Palatine National Bank, as Trustee, under a Trust Agreement dated the 10th day of October 1971 and known as Trust Number 485	(67.292)	(5.124) A (0.229) B	(61.939)	(2.203) A (0.154) B	(0.117)	CONSTRUCTION	13-36-200-001 14-31-101-006	
1CV1040	Home State Bank of Crystal Lake, as Trustee, under a Trust Agreement dated the 8th day of November, 1968 and known as Trust Number 1281	(114.193)	(8.710)	(105.483)	(2.088)	(0.023)	CONSTRUCTION	13-36-200-006 14-31-151-001	

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
129	STA.=527+00.00	0.00' RIGHT	2035105.7460	975366.3004
130	STA.=534+02.42	0.00' RIGHT	2034814.5777	976001.4355
131	STA.=544+00.00	0.00' RIGHT	2034566.3872	976967.6523

**CURVE "1L"**  
 $\Delta=18^{\circ}55'09''$   
 $L=623.58'$   
 $R=1888.50'$   
 $CH=620.75'$   
 $CH. BRG.=S60^{\circ}14'34''E$

**CURVE "1L-2"**  
 $\Delta=14^{\circ}43'59''$   
 $L=485.61'$   
 $R=1888.50'$   
 $CH=484.28'$   
 $CH. BRG.=S62^{\circ}20'09''E$

**CURVE "1M"**  
 $\Delta=01^{\circ}07'58''$   
 $L=40.40'$   
 $R=2043.50'$   
 $CH=40.40'$   
 $CH. BRG.=S71^{\circ}14'09''E$

**CURVE "1N"**  
 $\Delta=09^{\circ}23'07''$   
 $L=48.43'$   
 $R=2023.50'$   
 $CH=331.09'$   
 $CH. BRG.=S70^{\circ}54'05''E$

**CURVE "1N-1"**  
 $\Delta=01^{\circ}22'16''$   
 $L=48.43'$   
 $R=2023.50'$   
 $CH=48.43'$   
 $CH. BRG.=S66^{\circ}53'40''E$

**CURVE "1N-3"**  
 $\Delta=03^{\circ}05'22''$   
 $L=109.10'$   
 $R=2023.50'$   
 $CH=109.09'$   
 $CH. BRG.=S69^{\circ}07'29''E$

**CURVE "1N-4"**  
 $\Delta=01^{\circ}07'58''$   
 $L=40.01'$   
 $R=2023.50'$   
 $CH=40.01'$   
 $CH. BRG.=S71^{\circ}14'09''E$

**CURVE "1P"**  
 $\Delta=01^{\circ}40'59''$   
 $L=55.03'$   
 $R=1873.50'$   
 $CH=55.03'$   
 $CH. BRG.=S70^{\circ}55'18''E$

**CURVE "1Q"**  
 $\Delta=05^{\circ}53'30''$   
 $L=195.22'$   
 $R=1898.50'$   
 $CH=195.13'$   
 $CH. BRG.=S72^{\circ}38'53''E$

**LEGEND**

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

120.32'  
129.32'(Comp.)

1"=50'

- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- CUT CROSS SET OR FOUND
- CONCRETE R.O.W. MARKER FOUND
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- 5/8" MAG NAIL SET OR FOUND
- 5/8" REBAR SET OR FOUND
- "P.K." NAIL SET OR FOUND
- 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 SURVEYORS 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.



STATE OF ILLINOIS )  
 COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
 EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
 FEB 01 2013  
 PLATS & LEGALS

**Robinson**  
 1700 SOUTH PARK AVENUE  
 SOUTH HOLLAND, IL 60473  
 (708) 331-6700

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 14  
 WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION 36  
 PROJECT 528+00 TO 540+00  
 SCALE: 1"=50'

McHENRY COUNTY  
 JOB NO. R-91-015-98  
 TO STATION 540+00  
 SHEET 21 OF 88

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

PROJECT COORDINATES FOR PROPOSED R.O.W.

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
678	STA.=530+79.97	55.00' RIGHT	2034869.6366	975674.8907
679	STA.=532+00.00	80.00' LEFT	2034949.9516	975836.0678
680	STA.=532+00.00	70.00' LEFT	2034940.5726	975832.5988
681	STA.=534+02.42	55.00' RIGHT	2034761.3070	975987.7520
682	STA.=534+02.42	70.00' LEFT	2034882.3767	976018.8509
684	STA.=536+75.00	558.00' RIGHT	2034206.3063	976126.6227
685	STA.=538+25.00	545.00' RIGHT	2034181.5788	976275.1406
686	STA.=537+50.00	70.00' LEFT	2034795.9007	976355.5056
687	STA.=537+50.00	80.00' LEFT	2034805.5863	976357.9936
688	STA.=538+25.00	70.00' RIGHT	2034641.6434	976393.3166
689	STA.=538+50.00	80.00' LEFT	2034780.7071	976454.8493
690	STA.=538+50.00	70.00' LEFT	2034771.0216	976452.3613
980	STA.=534+09.45	55.00' RIGHT	2034759.5582	975994.5604
981	STA.=535+63.09	511.50' RIGHT	2034279.1871	976029.7980
982	STA.=536+41.80	491.21' RIGHT	2034279.2583	976111.0868

**COORDINATE SYSTEM DEFINITION:**  
 North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.99999:55.

**BEARING REFERENCE DEFINITION:**  
 North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

DATE	BY

R.O.W. PLAT	NOTEBOOK NO.

PARCEL NO.	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
		(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET			
1CV1039-A 1CV1039-B 1CV1039TE	Harris Trust and Savings Bank, successor to Palatine National Bank, as Trustee, under a Trust Agreement dated the 10th day of October 1971 and known as Trust Number 485	(67.292)	(5.124) A (0.229) B	(61.939)	(2.203) A (0.154) B	(0.117)	CONSTRUCTION	13-36-200-001 14-31-101-006	
1CV1040	Home State Bank of Crystal Lake, as Trustee, under a Trust Agreement dated the 8th day of November, 1968 and known as Trust Number 1281	(114.193)	(8.710)	(105.483)	(2.088)	(0.023)	CONSTRUCTION	13-36-200-006 14-31-151-001	

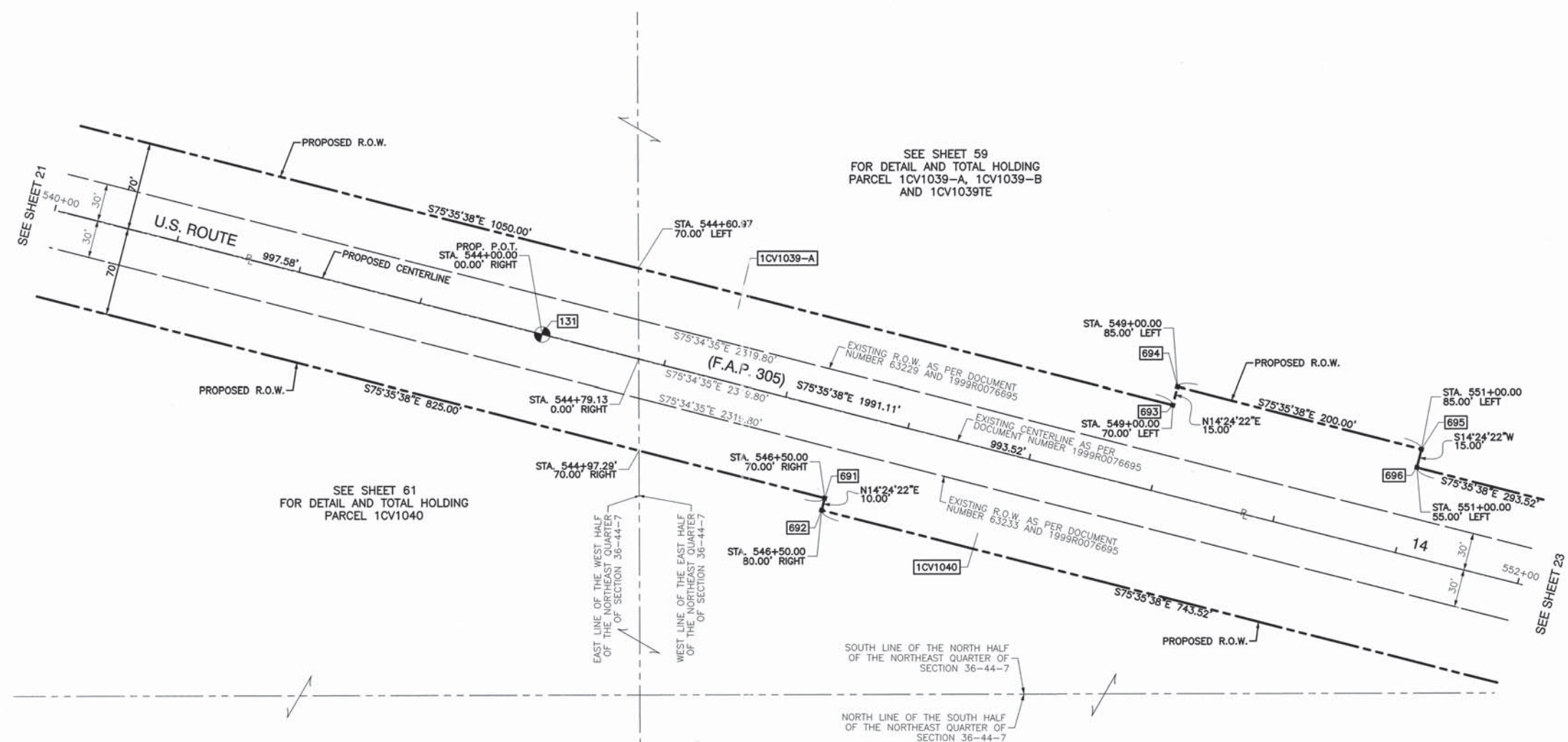
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
130	STA=534+02.42	0.00' RIGHT	2034814.5777	976001.4355
131	STA=544+00.00	0.00' RIGHT	2034566.3872	976967.6523
132	STA=553+93.52	0.00' RIGHT	2034319.2069	977929.9366

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
691	STA=546+50.00	70.00' RIGHT	2034436.3903	977192.3762
692	STA=546+50.00	80.00' RIGHT	2034426.7047	977189.8882
693	STA=549+00.00	70.00' LEFT	2034509.7904	977469.3462
694	STA=549+00.00	85.00' LEFT	2034524.3188	977473.0781
695	STA=551+00.00	85.00' LEFT	2034474.5604	977666.7895
696	STA=551+00.00	70.00' LEFT	2034460.0321	977663.0576

**LEGEND**

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

Scale: 1"=50'



- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊗ CONCRETE R.O.W. MARKER FOUND
- ⊗ 3/4" IRON PIPE SET OR FOUND
- ⊗ "MAG" NAIL SET OR FOUND
- 5/8" REBAR SET OR FOUND
- ⊗ "P.K." NAIL SET OR FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }  
COUNTY OF COOK } SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
FEB 04 2013  
PLATS & LEGALS



**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 540+00 TO STATION 552+00  
SCALE: 1"=50' SHEET 22 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

**COORDINATE SYSTEM DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

**BEARING REFERENCE DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

DATE	
BY	
R.O.W. PLAT	
NOTEBOOK NO.	

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) (SQ. FEET)	PART TAKEN (ACRES) (SQ. FEET)	REMAINDER (ACRES) (SQ. FEET)	PREVIOUS DEDICATION (ACRES) (SQ. FEET)	EASEMENT (ACRES) (SQ. FEET)	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1039-A 1CV1039-B 1CV1039TE	Harris Trust and Savings Bank, successor to Pololine National Bank, as Trustee, under a Trust Agreement dated the 10th day of October 1971 and known as Trust Number 485	(67.292)	(5.124) A (0.229) B	(61.939)	(2.203) A (0.154) B	(0.117)	CONSTRUCTION	13-36-200-001 14-31-101-006	
1CV1040	Home State Bank of Crystal Lake, as Trustee, under a Trust Agreement dated the 8th day of November, 1968 and known as Trust Number 1281	(114.193)	(8.710)	(105.483)	(2.088)	(0.023)	CONSTRUCTION	13-36-200-006 14-31-151-001	

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
131	STA.=544+00.00	0.00' RIGHT	2034566.3872	977967.6523
132	STA.=553+93.52	0.00' RIGHT	2034319.2069	977929.9366
133	STA.=561+08.30	0.00' RIGHT	2034251.1008	978638.5618
134	STA.=566+29.92	0.00' RIGHT	2034282.2757	979159.2528

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
697	STA.=553+93.52	70.00' LEFT	2034387.0059	977947.3520
698	STA.=553+93.52	80.00' RIGHT	2034241.7223	977910.0333
699	STA.=555+00.00	80.00' RIGHT	2034216.7924	978017.3513
700	STA.=555+00.00	70.00' RIGHT	2034226.5829	978019.3876
701	STA.=561+08.30	70.00' LEFT	2034320.9757	978634.3782

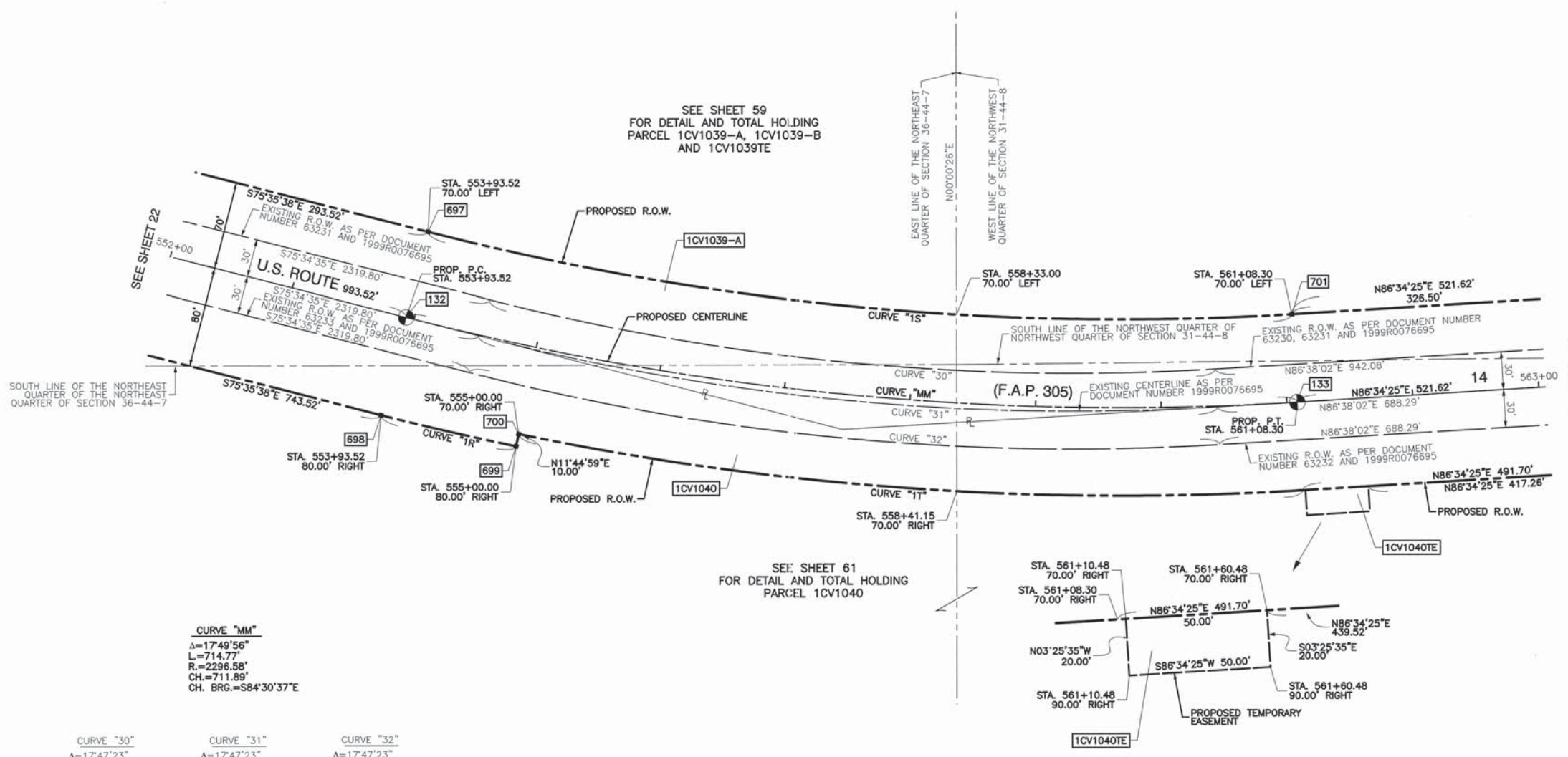
### LEGEND

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

120.32'  
129.32'(Comp.)  
( )

50' 0 50'  
SCALE: 1"=50'

- ⊕ 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊗ CONCRETE R.O.W. MARKER FOUND
- ⊕ "MAG" NAIL SET OR FOUND
- 5/8" REBAR SET OR FOUND
- ⊕ "P.K." NAIL SET OR FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



<p><b>CURVE "MM"</b></p> <p>Δ=17°49'56" L=714.77' R=2296.58' CH.=711.89' CH. BRG.=S84°30'37"E</p>	<p><b>CURVE "30"</b></p> <p>Δ=17°47'23" L=583.75' R=1880.10' CH.=581.41' CH. BRG.=S84°28'17"E</p>	<p><b>CURVE "31"</b></p> <p>Δ=17°47'23" L=593.07' R=1910.10' CH.=590.69' CH. BRG.=S84°28'17"E</p>	<p><b>CURVE "32"</b></p> <p>Δ=17°47'23" L=602.38' R=1940.10' CH.=599.97' CH. BRG.=S84°28'17"E</p>
<p><b>CURVE "1R"</b></p> <p>Δ=02°39'23" L=110.19' R=2376.58' CH.=110.18' CH. BRG.=S76°55'20"E</p>	<p><b>CURVE "1S"</b></p> <p>Δ=17°49'56" L=692.99' R=2226.58' CH.=690.19' CH. BRG.=S84°30'37"E</p>	<p><b>CURVE "1T"</b></p> <p>Δ=15°10'33" L=626.84' R=2366.58' CH.=625.01' CH. BRG.=S85°50'18"E</p>	

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDALL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31 AND 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



RECEIVED  
FEB 04 2013  
PLATS & LEGALS

**Robinson**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 552+00 TO STATION 563+00  
SCALE: 1"=50' SHEET 23 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PART OF SECTION 31, TOWNSHIP 44 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ. FEET	PART TAKEN (ACRES) SQ. FEET	REMAINDER (ACRES) SQ. FEET	PREVIOUS DEDICATION (ACRES) SQ. FEET	EASEMENT (ACRES) SQ. FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1039-A 1CV1039-B 1CV1039TE	Harris Trust and Savings Bank, successor to Palatine National Bank, as Trustee, under a Trust Agreement dated the 10th day of October 1971 and known as Trust Number 485	(67.292)	(5.124) A (0.223) B	(61.939)	(2.203) A (0.154) B	(0.117)	CONSTRUCTION	13-36-200-001 14-31-101-006	
1CV1040	Home State Bank of Crystal Lake, as Trustee, under a Trust Agreement dated the 8th day of November, 1968 and known as Trust Number 1281	(114.193)	(8.710)	(105.483)	(2.088)	(0.023)	CONSTRUCTION	13-36-200-006 14-31-151-001	

**COORDINATE SYSTEM DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)  
The average project combined scale factor is 0.9999355.

**BEARING REFERENCE DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
133	STA=561+08.30	0.00' RIGHT	2034251.1008	978638.5618
134	STA=566+29.92	0.00' RIGHT	2034282.2757	979159.2528
135	STA=568+55.58	0.00' RIGHT	2034275.0868	979384.4814

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
703	STA=566+00.00	70.00' RIGHT	2034210.6127	979133.5709
704	STA=566+00.00	75.00' RIGHT	2034205.6217	979133.8697
705	STA=566+29.92	75.00' RIGHT	2034207.4098	979163.7352
706	STA=566+29.92	70.00' LEFT	2034352.1506	979155.0692
707	STA=567+10.00	70.00' LEFT	2034354.4567	979239.6602
708	STA=568+04.74	101.14' LEFT	2034381.1062	979342.2336
708	STA=901+00.00 (S)	55.00' LEFT	2034381.1062	979342.2336
709	STA=901+52.30 (S)	55.00' LEFT	2034433.0073	979348.6834
710	STA=904+18.50 (S)	55.00' LEFT	2034656.2603	979304.9905
711	STA=904+18.50 (S)	45.00' LEFT	2034661.1436	979313.7171
712	STA=907+07.80 (S)	45.00' LEFT	2034913.6041	979172.4437
713	STA=907+07.80 (S)	29.67' LEFT	2034921.0914	979185.8239

PROJECT COORDINATES FOR PROPOSED CENTERLINE RIDGEFIELD ROAD SOUTH				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
135	STA=900+00.00 (S)	0.00' RIGHT	2034275.0868	979384.4814
400	STA=901+52.30 (S)	0.00' RIGHT	2034426.2245	979403.2636
401	STA=904+18.50 (S)	0.00' RIGHT	2034683.1183	979352.9868
402	STA=907+07.80 (S)	0.00' RIGHT	2034935.5788	979211.7134

(S) PROPOSED RIDGEFIELD ROAD SOUTH STATIONING

**CURVE "1U"**  
Δ=03°43'46"  
L=84.64'  
R=1300.31'  
CH.=84.62'  
CH. BRG.=S88°26'18"W

**CURVE "PP"**  
Δ=56°10'00"  
L=1206.07'  
R=1230.31'  
CH.=1158.35'  
CH. BRG.=N65°20'35"W

**CURVE "1V"**  
Δ=36°18'53"  
L=231.34'  
R=365.00'  
CH.=227.49'  
CH. BRG.=N11°04'24"W

**CURVE "NN"**  
Δ=36°18'53"  
L=266.20'  
R=420.00'  
CH.=261.77'  
CH. BRG.=N11°04'24"W

**LEGEND**

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

120.32'  
129.32'(Comp.)

50' 0 50'  
SCALE: 1"=50'

SECTION CORNER 16 15 SECTION CORNER

3/4" IRON PIPE SET OR FOUND  
IRON PIPE OR ROD SET OR FOUND  
CUT CROSS SET OR FOUND  
CONCRETE R.O.W. MARKER FOUND  
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 SURVEYORS REGISTRATION NUMBER.  
BT1 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 SURVEYORS REGISTRATION NUMBER.  
STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
PERMANENT SURVEY MARKER, I.D.O.T. STD 2135  
RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
FEB 04 2013  
PLATS & LEGALS

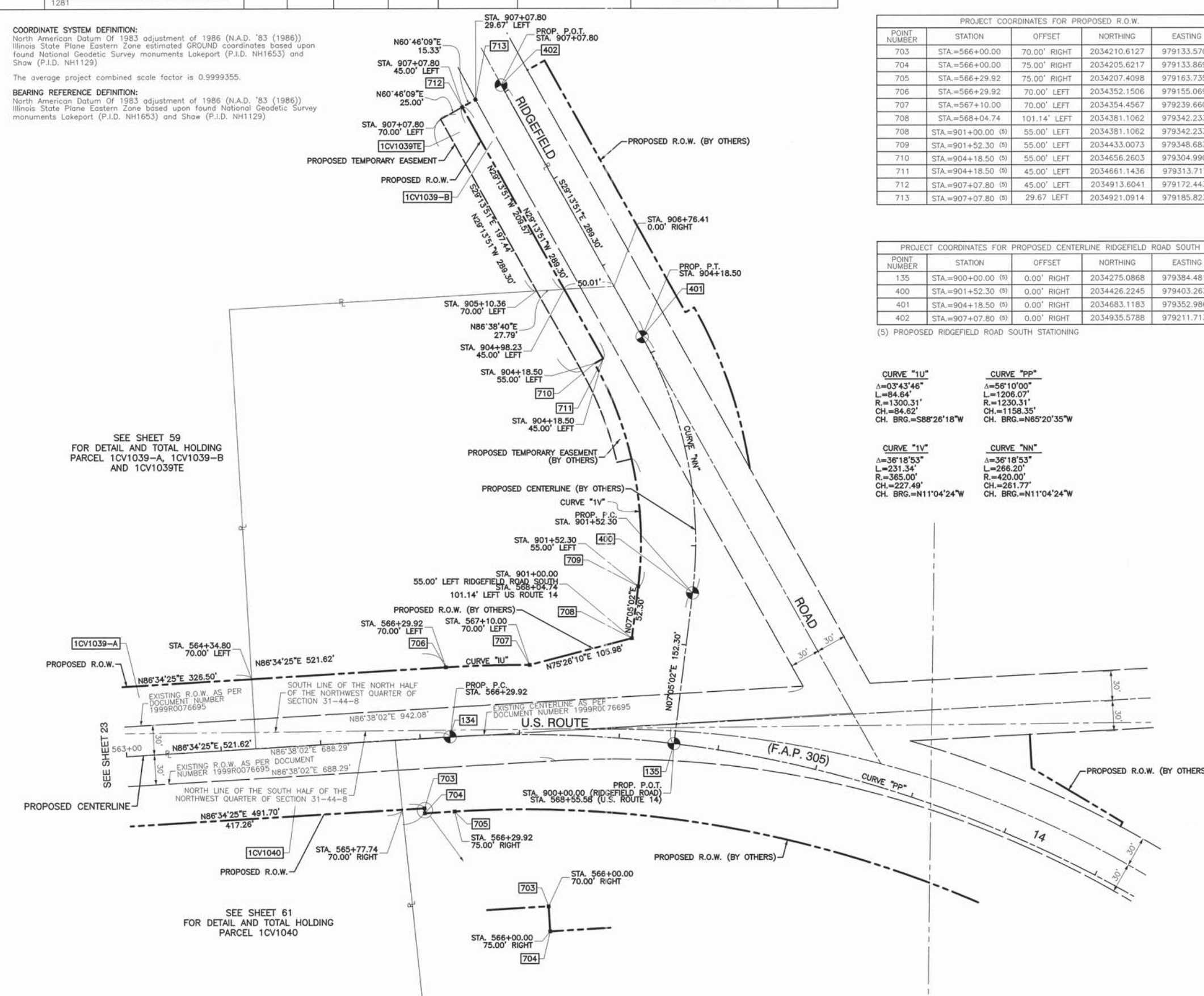
**Robinson**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 563+00 TO STATION 573+00  
SCALE: 1"=50' SHEET 24 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.



PARCEL NO.	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
		(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET			
1CV1029 1CV1029TE	Steven A. Hurckes and William J. Giger, as Trustees under trust agreement dated the 6th day of December, 1993, known as The GHM Trust	(21.706)	(1.668)	(20.038)	(0.574)	(0.008)	350	13-26-400-013 13-25-300-014	

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
635	STA=478+00.00	80.00' LEFT	2039163.1020	972651.7839
640	STA=482+35.91	75.00' LEFT	2038794.8783	972885.1409
641	STA=482+39.07	80.00' LEFT	2038794.9542	972891.0548
646	STA=493+00.00	75.00' LEFT	2037902.6725	973465.0136
650	STA=498+00.00	75.00' LEFT	2037483.4376	973737.4876
651	STA=498+00.00	85.00' LEFT	2037488.8870	973745.8723
656	STA=500+50.00	85.00' LEFT	2037279.2696	973882.1093

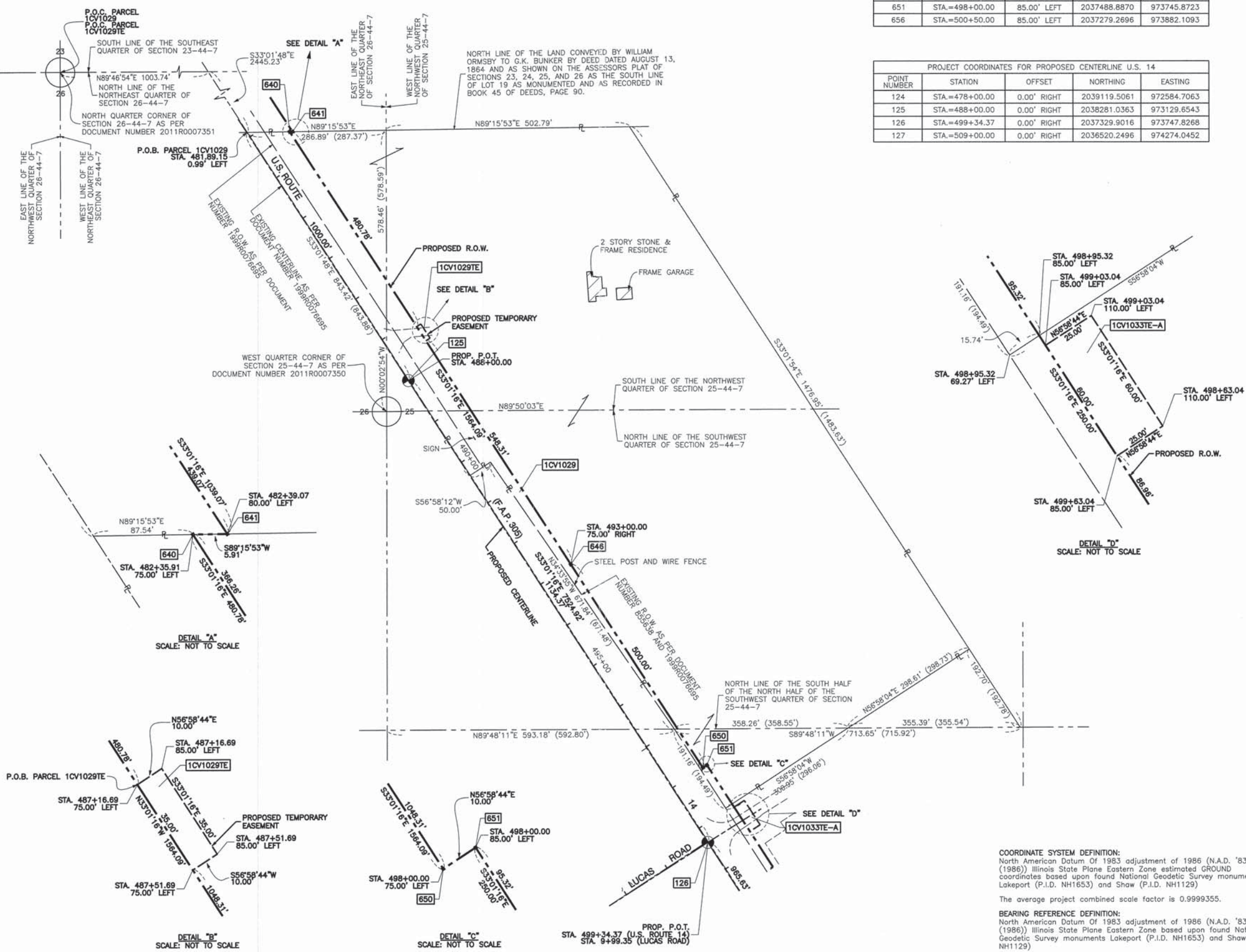
PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
124	STA=478+00.00	0.00' RIGHT	2039119.5061	972584.7063
125	STA=488+00.00	0.00' RIGHT	2038281.0363	973129.6543
126	STA=499+34.37	0.00' RIGHT	2037329.9016	973747.8268
127	STA=509+00.00	0.00' RIGHT	2036520.2496	974274.0452

**LEGEND**

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

Scale: 1"=100'

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.



- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- CUT CROSS SET OR FOUND
- CONCRETE R.O.W. MARKER FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE BT3 FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }  
COUNTY OF COOK } SS

THIS IS TO CERTIFY THAT I, RANDALL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25 AND SECTION 26, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randell E. Gann*  
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
APR 05 2012  
PLATS & LEGALS

**Robinson ENGINEERING**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 481+89.15 TO STATION 498+95.32  
SCALE: 1"=100' SHEET 51 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PROJECT COORDINATES FOR PROPOSED CENTERLINE LUCAS ROAD				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
126	STA.=9+99.35	0.00' RIGHT	2037329.9016	973747.8268
375	STA.=1+29.78	0.00' RIGHT	2037398.7410	973857.8423
376	STA.=6+00.00	0.00' RIGHT	2037115.5602	973410.8724

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
124	STA.=478+00.00	0.00' RIGHT	2039119.5061	972584.7063
125	STA.=488+00.00	0.00' RIGHT	2038281.0363	973129.6543
126	STA.=499+34.37	0.00' RIGHT	2037329.9016	973747.8268
127	STA.=509+00.00	0.00' RIGHT	2036520.2496	974274.0452

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
637	STA.=479+00.00	85.00' RIGHT	2038989.3386	972567.9312
638	STA.=482+00.00	85.00' RIGHT	2038737.7976	972731.4156
639	STA.=482+00.00	80.00' RIGHT	2038740.5224	972735.6079
642	STA.=485+00.00	80.00' RIGHT	2038488.9814	972899.0923
643	STA.=485+00.00	75.00' RIGHT	2038491.7061	972903.2847
645	STA.=488+25.28	75.00' RIGHT	2038218.9654	973080.5475
647	STA.=493+00.00	75.00' RIGHT	2037820.9303	973339.2431
648	STA.=496+00.00	75.00' RIGHT	2037569.3893	973502.7275
649	STA.=496+00.00	85.00' RIGHT	2037563.9398	973494.3428
652	STA.=498+65.69	85.00' RIGHT	2037341.1668	973639.1300
653	STA.=499+01.81	199.03' RIGHT	2037248.7392	973563.2039

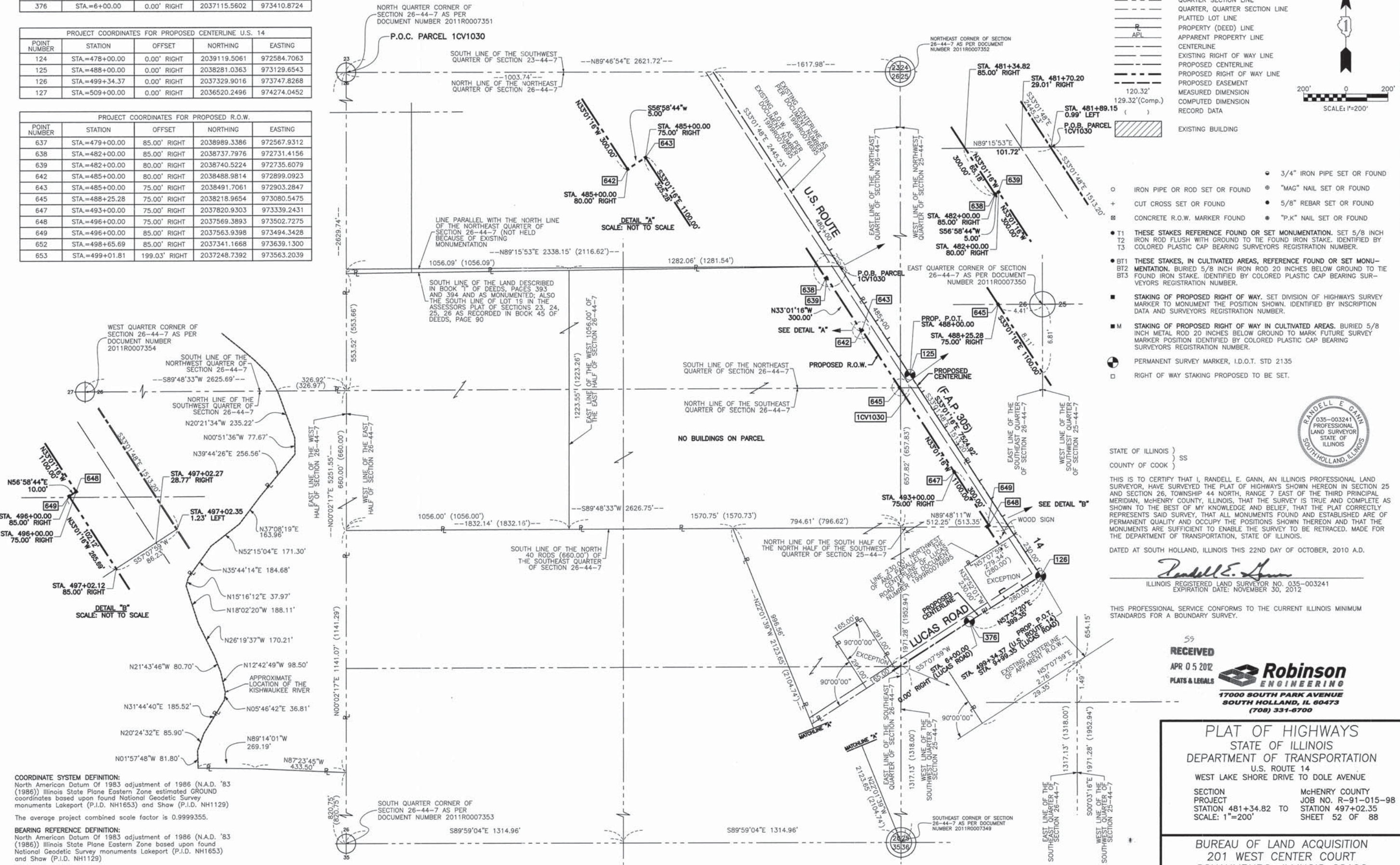
PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ. FEET	PART TAKEN (ACRES) SQ. FEET	REMAINDER (ACRES) SQ. FEET	PREVIOUS DEDICATION (ACRES) SQ. FEET	EASEMENT (ACRES) SQ. FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1030	PB IL Oreo, LLC an Illinois limited liability company	(114.760)	(2.758)	(112.002)	(1.049)	N/A	N/A	13-26-400-007 13-26-400-011 13-26-300-018 13-26-400-009	

**LEGEND**

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

200' 0 200'  
SCALE: 1"=200'

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.



STATE OF ILLINOIS }  
COUNTY OF COOK } SS

THIS IS TO CERTIFY THAT I, RANDALL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25 AND SECTION 26, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randall E. Gann*  
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

59  
**RECEIVED**  
APR 05 2012  
PLATS & LEGALS

**Robinson ENGINEERING**  
1700 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION STA. 481+34.82 TO STA. 497+02.35  
SCALE: 1"=200' SHEET 52 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PARCEL NO.	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
		(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET			
1CV1032 1CV1032TE	Kabir-Pramukh Realty, Inc., an Illinois corporation	(1.477)	(0.636)	(0.841)	(0.331)	(0.008) 335	CONSTRUCTION	13-25-300-001	

### LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

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

EXISTING BUILDING

120.32'  
129.32'(Comp.)

SCALE: 1"=20'

N

#### PROJECT COORDINATES FOR PROPOSED CENTERLINE LUCAS ROAD

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
126	STA.=9+99.35	0.00' RIGHT	2037329.9016	973747.8268
375	STA.=11+29.13	0.00' RIGHT	2037398.7410	973857.8423
376	STA.=6+00.00	0.00' RIGHT	2037115.5602	973410.8724

#### PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
125	STA.=488+00.00	0.00' RIGHT	2038281.0363	973129.6543
126	STA.=499+34.37	0.00' RIGHT	2037329.9016	973747.8268
127	STA.=509+00.00	0.00' RIGHT	2036520.2496	974274.0452

#### PROJECT COORDINATES FOR PROPOSED R.O.W.

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
649	STA.=496+00.00	85.00' RIGHT	2037563.9398	973494.3428
652	STA.=498+65.69	85.00' RIGHT	2037341.1668	973639.1300
652	STA.=9+13.68 (4)	67.85' LEFT	2037341.1668	973639.1300
653	STA.=499+01.81	199.03' RIGHT	2037248.7392	973563.2039
653	STA.=8+00.01 (4)	30.61' LEFT	2037248.7392	973563.2039

(4) PROPOSED LUCAS ROAD STATIONING

- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- "MAG" NAIL SET OR FOUND
- + CUT CROSS SET OR FOUND
- 5/8" REBAR SET OR FOUND
- ⊗ CONCRETE R.O.W. MARKER FOUND
- "P.K." NAIL SET OR FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

STATE OF ILLINOIS )  
 COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDALL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randall E. Gann*  
 ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
 EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



RECEIVED  
 APR 05 2012  
 PLATS & LEGALS

**Robinson**  
 ENGINEERING  
 17000 SOUTH PARK AVENUE  
 SOUTH HOLLAND, IL 60473  
 (708) 331-6700

PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 14  
 WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
 PROJECT JOB NO. R-91-015-98  
 STATION 497+02.12 TO STATION 499+34.37  
 SCALE: 1"=20' SHEET 53 OF 88

COORDINATE SYSTEM DEFINITION:  
 North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)  
 The average project combined scale factor is 0.9999355.

BEARING REFERENCE DEFINITION:  
 North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PART OF SECTION 25, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES)	PART TAKEN (ACRES)	REMAINDER (ACRES)	PREVIOUS DEDICATION (ACRES)	EASEMENT (ACRES)	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1033PE 1CV1033TE-A 1CV1033TE-B 1CV1033TE-C 1CV1033TE-D	Board of Trustees of Junior College District No. 528	(169.666)	(1.014)	(168.652)	N/A	(0.090) PE (0.924) TE-A (0.028) TE-B (0.020) TE-C (0.070) TE-D	DRAINAGE CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION	13-25-300-013 13-25-300-016 13-25-251-002 13-25-176-001	

**COORDINATE SYSTEM DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129).  
The average project combined scale factor is 0.9999355.

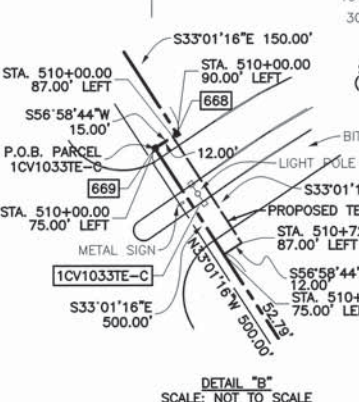
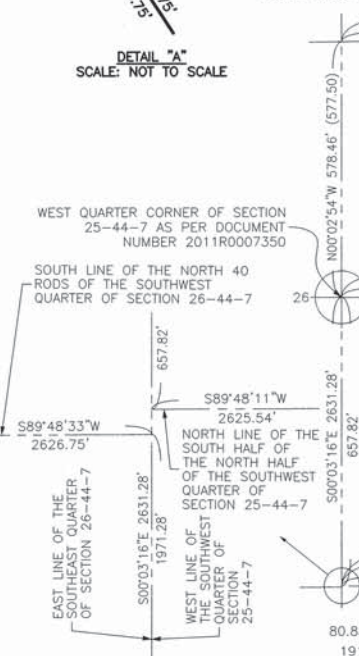
**BEARING REFERENCE DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129).

PROJECT COORDINATES FOR PROPOSED PERMANENT EASEMENT

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
896	STA=517+05.00	65.00' LEFT	2035881.7030	974767.2288
897	STA=517+05.00	130.00' LEFT	2035911.1247	974821.7294
898	STA=517+65.00	130.00' LEFT	2035861.8165	974854.4263
899	STA=517+65.00	65.00' LEFT	2035831.3948	974799.9257

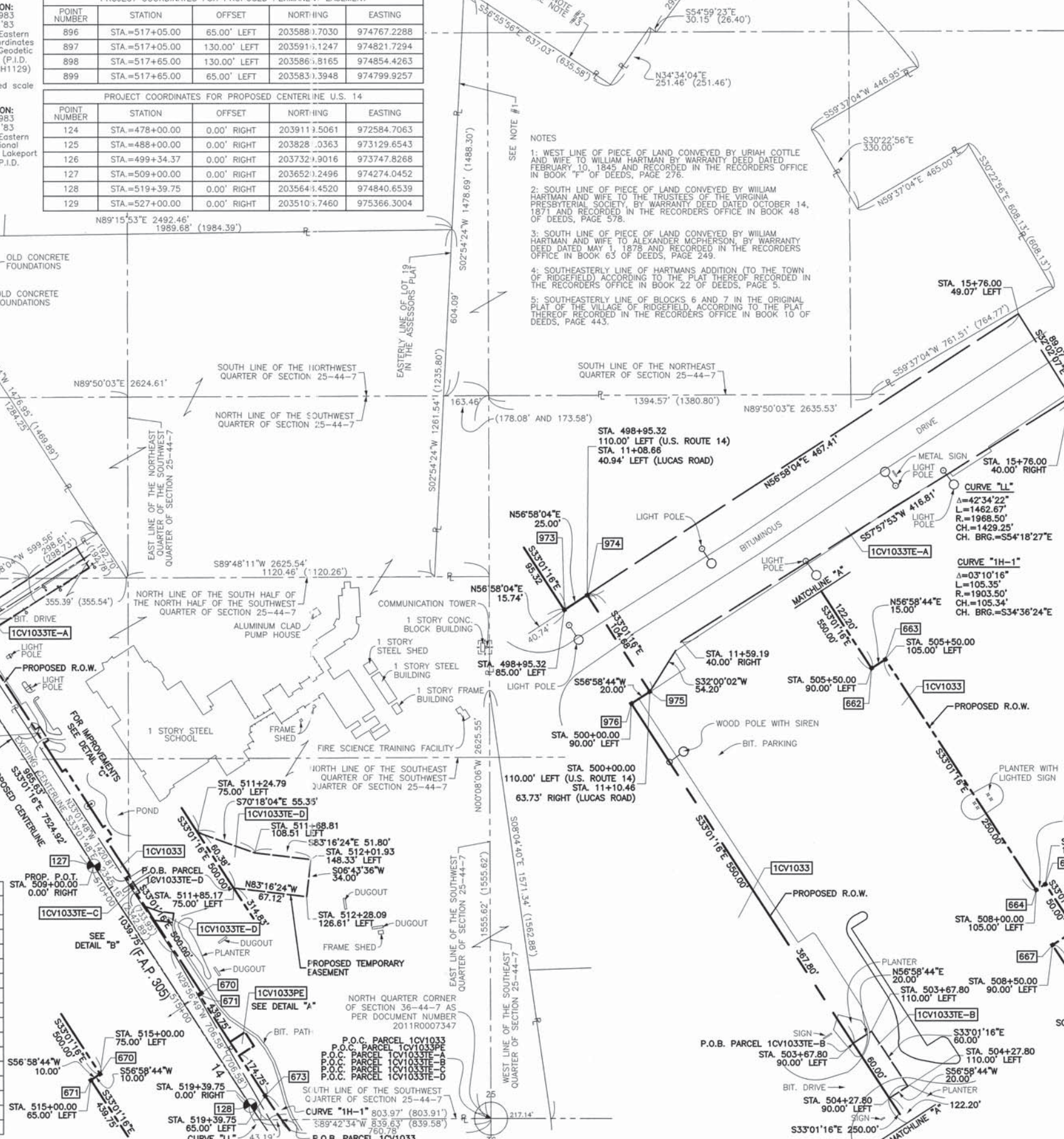
PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
124	STA=478+00.00	0.00' RIGHT	2039117.5061	972584.7063
125	STA=488+00.00	0.00' RIGHT	203828.0363	973129.6543
126	STA=499+34.37	0.00' RIGHT	2037321.9016	973747.8268
127	STA=509+00.00	0.00' RIGHT	2036521.2496	974274.0452
128	STA=519+39.75	0.00' RIGHT	2035641.4520	974840.6539
129	STA=527+00.00	0.00' RIGHT	2035101.7460	975366.3004



PROJECT COORDINATES FOR PROPOSED R.O.W.

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
662	STA=505+50.00	90.00' LEFT	2036862.7594	974158.7756
663	STA=505+50.00	105.00' LEFT	2036870.9336	974171.3527
664	STA=508+00.00	105.00' LEFT	2036661.3162	974307.5897
665	STA=508+00.00	115.00' LEFT	2036666.7656	974315.9744
666	STA=508+50.00	115.00' LEFT	2036624.8421	974343.2218
667	STA=508+50.00	90.00' LEFT	2036611.2184	974322.2600
668	STA=510+00.00	90.00' LEFT	2036485.4480	974404.0022
669	STA=510+00.00	75.00' LEFT	2036477.2738	974391.4252
670	STA=515+00.00	75.00' LEFT	2036058.0388	974663.8992
671	STA=515+00.00	65.00' LEFT	2036052.5894	974655.5145
673	STA=519+39.75	65.00' LEFT	2035683.8737	974895.1545
973	STA=498+95.32	85.00' LEFT	2037408.9637	973797.8170
974	STA=498+95.32	110.00' LEFT	2037422.5915	973818.7761
975	STA=500+00.00	110.00' LEFT	2037334.8168	973875.8236
976	STA=500+00.00	90.00' LEFT	2037323.9178	973859.0542



**LEGEND**

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

Scale: 1"=200'

**NOTES**

- WEST LINE OF PIECE OF LAND CONVEYED BY URIAH COTLE AND WIFE TO WILLIAM HARTMAN BY WARRANTY DEED DATED FEBRUARY 10, 1845 AND RECORDED IN THE RECORDERS OFFICE IN BOOK "F" OF DEEDS, PAGE 276.
- SOUTH LINE OF PIECE OF LAND CONVEYED BY WILLIAM HARTMAN AND WIFE TO THE TRUSTEES OF THE VIRGINIA PRESBYTERIAL SOCIETY, BY WARRANTY DEED DATED OCTOBER 14, 1871 AND RECORDED IN THE RECORDERS OFFICE IN BOOK 48 OF DEEDS, PAGE 578.
- SOUTH LINE OF PIECE OF LAND CONVEYED BY WILLIAM HARTMAN AND WIFE TO ALEXANDER MCPHERSON, BY WARRANTY DEED DATED MAY 1, 1878 AND RECORDED IN THE RECORDERS OFFICE IN BOOK 63 OF DEEDS, PAGE 249.
- SOUTHEASTERLY LINE OF HARTMAN'S ADDITION TO THE TOWN OF RIDGFIELD, ACCORDING TO THE PLAT THEREOF RECORDED IN THE RECORDERS OFFICE IN BOOK 22 OF DEEDS, PAGE 5.
- SOUTHEASTERLY LINE OF BLOCKS 6 AND 7 IN THE ORIGINAL PLAT OF THE VILLAGE OF RIDGFIELD, ACCORDING TO THE PLAT THEREOF RECORDED IN THE RECORDERS OFFICE IN BOOK 10 OF DEEDS, PAGE 443.

- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- CUT CROSS SET OR FOUND
- CONCRETE R.O.W. MARKER FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- BT2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
FEB 04 2013



**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

McHENRY COUNTY  
JOB NO. R-91-015-98  
STATION 498+95.32 TO STATION 520+48.78  
SCALE: 1"=200' SHEET 54 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196



PART OF SECTION 25 AND SECTION 26, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
		(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET			
1CV1034 1CV1034PE-A 1CV1034PE-B 1CV1034TE	Amcore Bank, as Trustee under Trust Agreement dated the 4th day of March, 1987 and known as Trust Number 2696	(52.134)	(3.839)	(48.295)	(1.674)	(0.011) PE-A (0.189) PE-B (0.184) TE	DRAINAGE DRAINAGE CONSTRUCTION	13-25-300-007	

**LEGEND**

SECTION CORNER 16

QUARTER SECTION CORNER

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

EXISTING BUILDING

100' 0 100'  
SCALE: 1"=100'

**PROJECT COORDINATES FOR PROPOSED R.O.W.**

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
654	STA.=499+61.81	199.61' RIGHT	2037198.1160	973595.4138
655	STA.=499+87.18	90.00' RIGHT	2037236.5764	973701.1434
660	STA.=504+50.00	90.00' RIGHT	2036848.5157	973953.3563
661	STA.=504+50.00	70.00' RIGHT	2036859.4147	973970.1257
674	STA.=519+39.75	70.00' RIGHT	2035610.3057	974781.9610
675	STA.=524+21.27	70.00' RIGHT	2035229.4365	975101.8737

**PROJECT COORDINATES FOR PROPOSED CENTERLINE LUCAS ROAD**

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
126	STA.=9+99.35	0.00' RIGHT	2037329.9016	973747.8268
375	N/A	N/A	2037398.7410	973857.8423
376	STA.=6+00.00	0.00' RIGHT	2037115.5602	973410.8724

**PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14**

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
126	STA.=499+34.37	0.00' RIGHT	2037329.9016	973747.8268
127	STA.=509+00.00	0.00' RIGHT	2036520.2496	974274.0452
128	STA.=519+39.75	0.00' RIGHT	2035648.4520	974840.6539

**PROJECT COORDINATES FOR PROPOSED PERMANENT EASEMENT**

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
884	STA.=504+68.00	70.00' RIGHT	2036844.3222	973979.9347
885	STA.=504+68.00	95.00' RIGHT	2036830.6985	973958.9730
886	STA.=504+88.00	95.00' RIGHT	2036813.9291	973969.8719
887	STA.=504+88.00	70.00' RIGHT	2036827.5528	973990.8337
900	STA.=518+19.04	70.00' RIGHT	2035711.5160	974716.1813
901	STA.=517+80.17	130.00' RIGHT	2035711.4104	974644.6910
902	STA.=519+17.84	130.00' RIGHT	2035595.9801	974719.7128
903	STA.=519+55.87	70.00' RIGHT	2035596.3422	974791.1179

- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊗ CONCRETE R.O.W. MARKER FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDALL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25 AND SECTION 26, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randall E. Gann*  
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

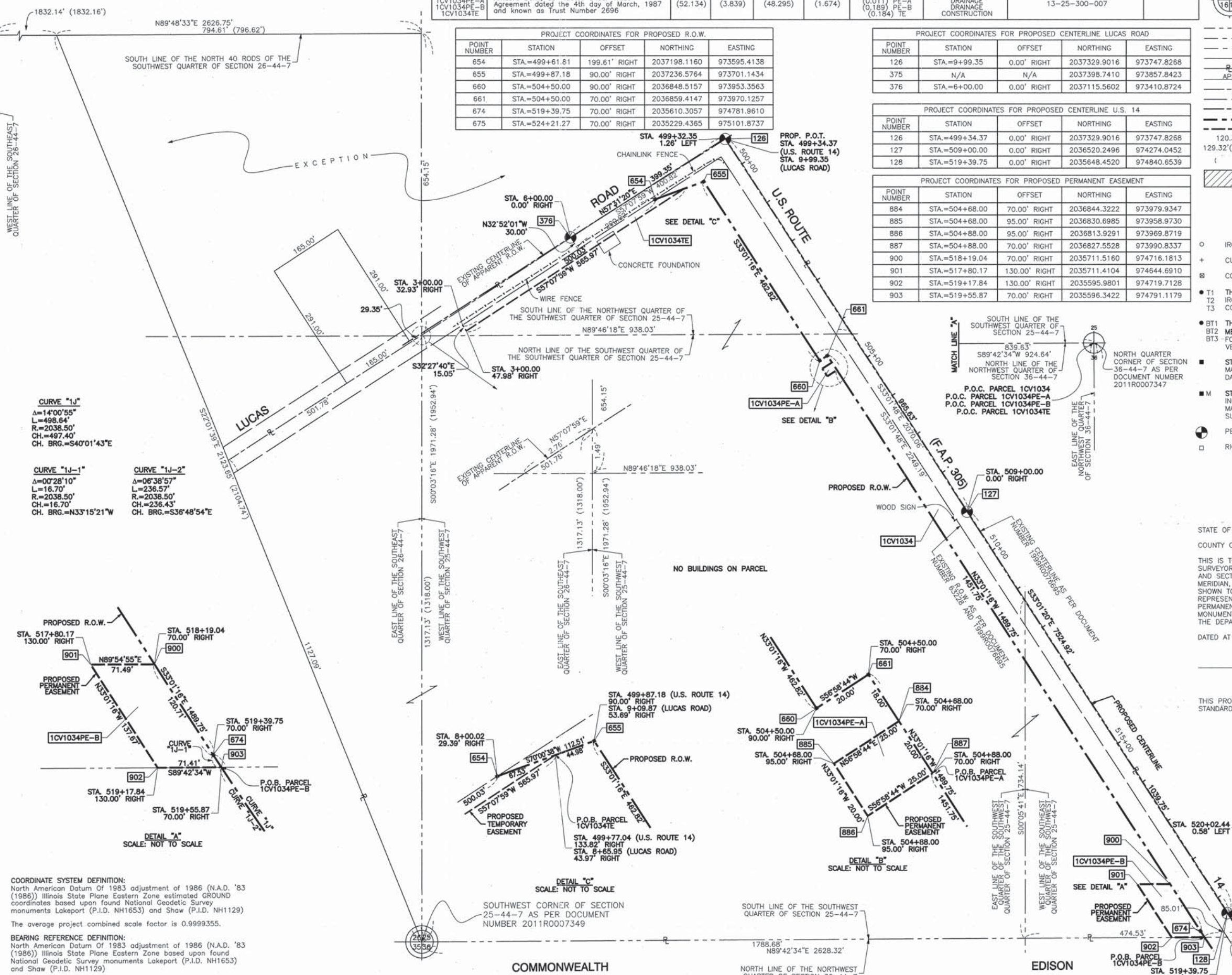
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION STATION 499+34.37 TO STATION 520+02.44  
SCALE: 1"=100' SHEET 55 OF 88

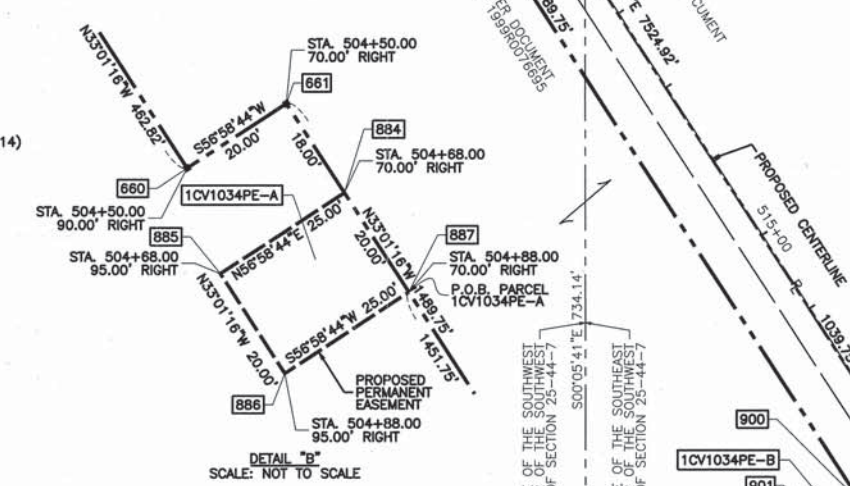
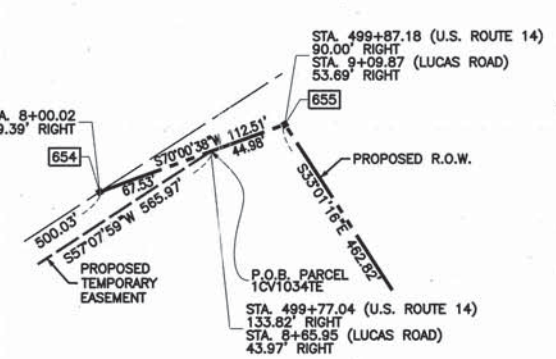
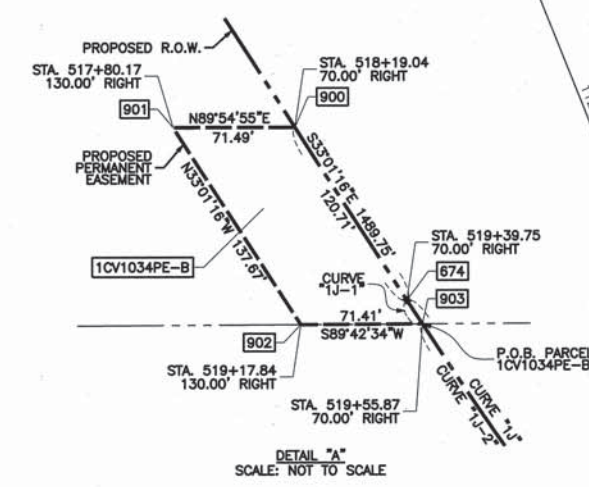
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196



**CURVE "IJ"**  
Δ=14°00'55"  
L=498.64'  
R=2038.50'  
CH.=497.40'  
CH. BRG.=S40°01'43"E

**CURVE "IJ-1"**  
Δ=0°28'10"  
L=16.70'  
R=2038.50'  
CH.=16.70'  
CH. BRG.=N33°15'21"W

**CURVE "IJ-2"**  
Δ=0°38'57"  
L=236.57'  
R=2038.50'  
CH.=236.43'  
CH. BRG.=S36°48'54"E



**COORDINATE SYSTEM DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

**BEARING REFERENCE DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PART OF SECTION 25 AND 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ. FEET	PART TAKEN (ACRES) SQ. FEET	REMAINDER (ACRES) SQ. FEET	PREVIOUS DESIGNATION (ACRES) SQ. FEET	EASEMENT (ACRES) SQ. FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1035PE	Commonwealth Edison Company	(19.543)	N/A	(19.543)	(0.156)	(0.343)	N/A	13-36-100-006 13-35-200-001	
1CV1056PE	Commonwealth Edison Company	(17.462)	N/A	(17.462)	(0.156)	(0.405)	N/A	13-36-200-004 14-31-101-005	

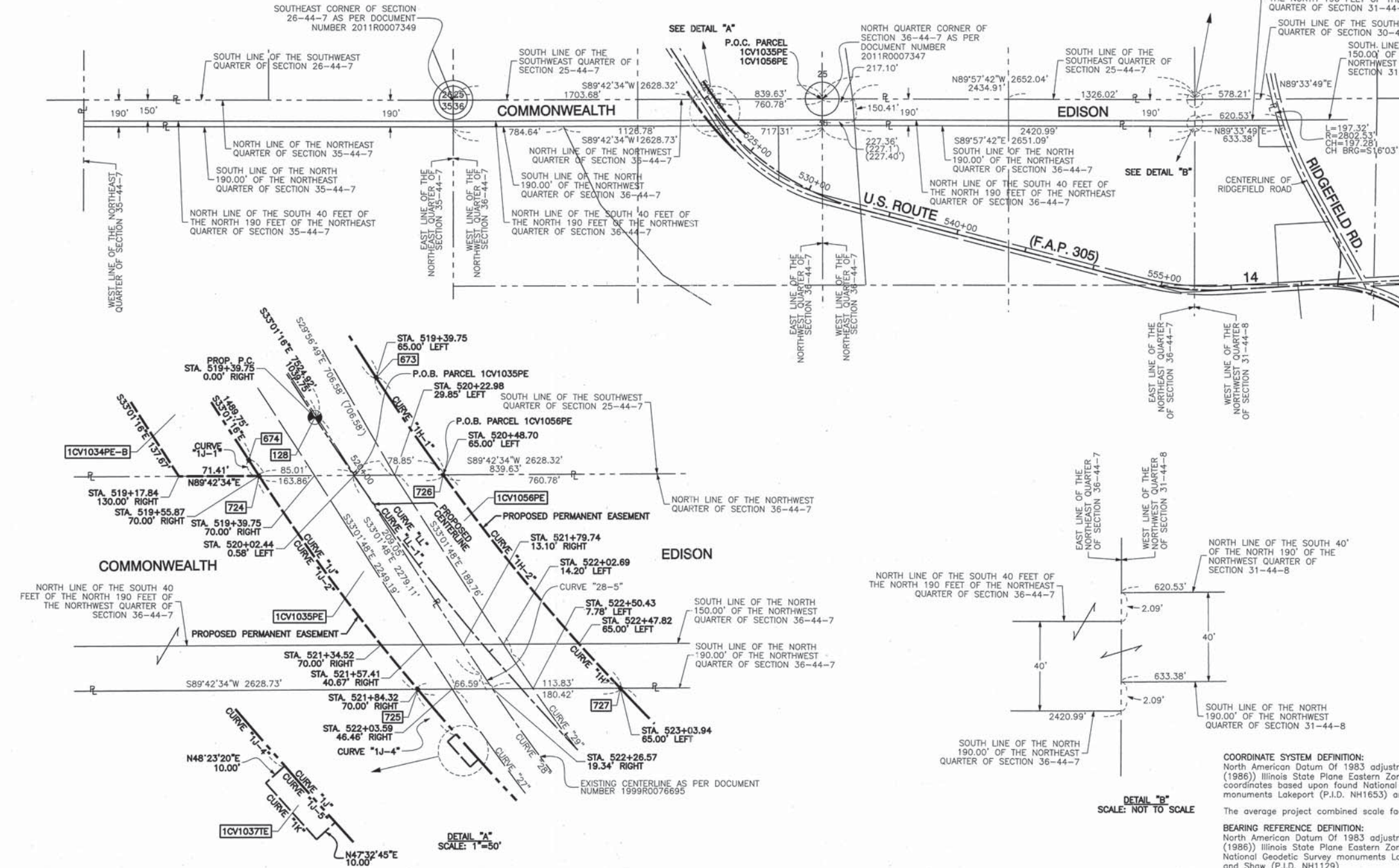
PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
127	STA.=509+00.00	0.00' RIGHT	2036520.2496	974274.0452
128	STA.=519+39.75	0.00' RIGHT	2035648.4520	974840.6539
129	STA.=527+00.00	0.00' RIGHT	2035105.7460	975366.3004

PROJECT COORDINATES FOR PROPOSED R.O.W.

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
673	STA.=519+39.75	65.00' LEFT	2035683.8737	974895.1545
674	STA.=519+39.75	70.00' RIGHT	2035610.3057	974781.9610
675	STA.=524+21.27	70.00' RIGHT	2035229.4365	975101.8737
676	STA.=525+50.00	65.00' LEFT	2035246.4263	975287.6838
724	STA.=519+55.87	70.00' RIGHT	2035596.3422	974791.1179
725	STA.=521+84.32	70.00' RIGHT	2035407.0600	974932.7964
726	STA.=520+48.70	65.00' LEFT	2035597.1732	974954.9800
727	STA.=523+03.94	65.00' LEFT	2035407.9749	975113.2127

CURVE	Δ	L	R	CH	CH. BRG.
CURVE "27"	Δ=42°32'47"	L=968.02'	R=1303.60'	CH=945.93'	CH. BRG.=S54°18'11"E
CURVE "28"	Δ=42°32'47"	L=945.75'	R=1273.60'	CH=924.17'	CH. BRG.=S54°18'11"E
CURVE "28-5"	Δ=00°45'38"	L=16.91'	R=1273.60'	CH=16.90'	CH. BRG.=S33°24'37"E
CURVE "29"	Δ=42°32'47"	L=923.47'	R=1243.60'	CH=902.40'	CH. BRG.=S54°18'11"E
CURVE "L"	Δ=42°34'22"	L=1482.87'	R=1968.50'	CH=1429.25'	CH. BRG.=S54°18'27"E
CURVE "L-1"	Δ=22°07'41"	L=760.25'	R=1968.50'	CH=755.54'	CH. BRG.=S44°05'07"E
CURVE "1H"	Δ=17°45'44"	L=590.10'	R=1903.50'	CH=587.74'	CH. BRG.=S41°54'08"E
CURVE "1H-1"	Δ=03°10'16"	L=105.35'	R=1903.50'	CH=105.34'	CH. BRG.=S34°36'24"E
CURVE "1H-2"	Δ=07°25'45"	L=246.82'	R=1903.50'	CH=246.64'	CH. BRG.=S39°54'25"E
CURVE "1J"	Δ=14°00'55"	L=498.64'	R=2038.50'	CH=497.40'	CH. BRG.=S40°01'43"E
CURVE "1J-1"	Δ=00°28'10"	L=16.70'	R=2038.50'	CH=16.70'	CH. BRG.=S33°15'21"E
CURVE "1J-2"	Δ=06°38'57"	L=236.57'	R=2038.50'	CH=236.43'	CH. BRG.=N36°48'54"W
CURVE "1J-4"	Δ=01°28'17"	L=52.35'	R=2038.50'	CH=52.35'	CH. BRG.=S40°52'31"E
CURVE "1J-5"	Δ=00°50'36"	L=30.00'	R=2038.50'	CH=30.00'	CH. BRG.=S42°01'57"E
CURVE "1K"	Δ=00°50'36"	L=30.00'	R=2048.50'	CH=30.15'	CH. BRG.=N42°01'57"W



### LEGEND

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

120.32'  
129.32'(Comp.)

400' 0 400'  
SCALE: 1"=400'

- IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊗ CONCRETE R.O.W. MARKER FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- 3/4" IRON PIPE SET OR FOUND
- "MAG" NAIL SET OR FOUND
- 5/8" REBAR SET OR FOUND
- "P.K." NAIL SET OR FOUND

STATE OF ILLINOIS }  
COUNTY OF COOK } SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25 AND SECTION 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randell E. Gann*  
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
APR 05 2012  
PLATS & LEGALS

**Robinson ENGINEERING**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 519+55.87 TO STATION 523+03.94  
SCALE: 1"=400' SHEET 56 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES)	PART TAKEN (ACRES)	REMAINDER (ACRES)	PREVIOUS DEDICATION (ACRES)	EASEMENT (ACRES)	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1037 1CV1037E	Patricia L. Christ, as Trustee of the Nonmarital Trust created by William O. Christ and Patricia L. Christ under Trust Agreement dated October 22, 1993	(40.042)	(0.705)	(39.337)	(0.642)	(0.007)	301	13-36-100-013 13-36-100-010	

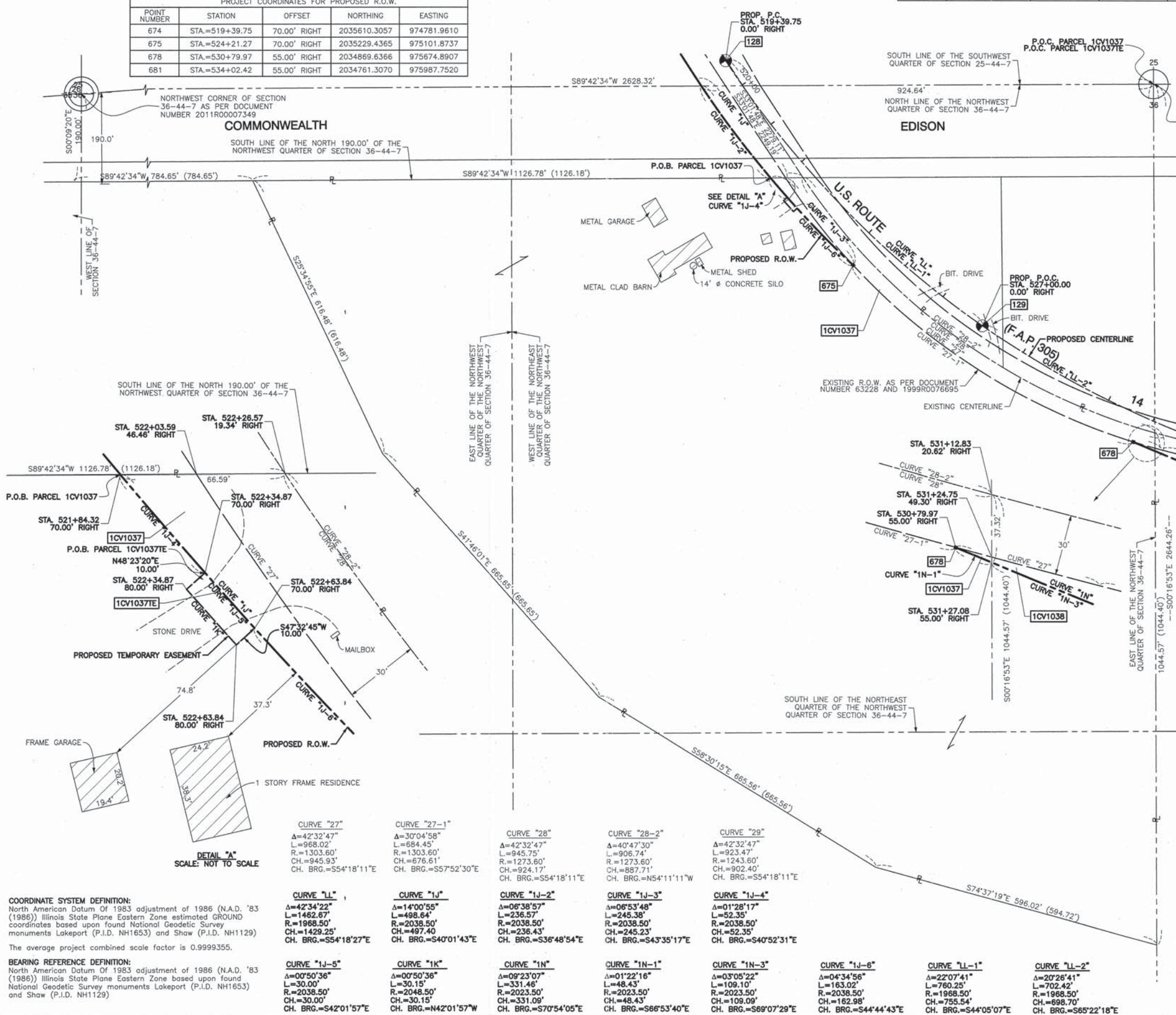
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
127	STA.=509+00.00	0.00' RIGHT	2036520.2496	974274.0452
128	STA.=519+39.75	0.00' RIGHT	2035648.4520	974840.6539
129	STA.=527+00.00	0.00' RIGHT	2035105.7460	975366.3004
130	STA.=534+02.42	0.00' RIGHT	2034814.5777	976001.4355

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
674	STA.=519+39.75	70.00' RIGHT	2035610.3057	974781.9610
675	STA.=524+21.27	70.00' RIGHT	2035229.4365	975101.8737
678	STA.=530+79.97	55.00' RIGHT	2034869.6366	975674.8907
681	STA.=534+02.42	55.00' RIGHT	2034761.3070	975987.7520

**LEGEND**

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

Scale: 1"=100'



- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- + CUT CROSS SET OR FOUND
- ⊗ CONCRETE R.O.W. MARKER FOUND
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE TIED FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDALL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25 AND 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randell E. Gann*  
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
APR 05 2012  
PLATS & LEGALS

**Robinson ENGINEERING**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION STATION 521+84.32 TO STATION 531+27.08  
SCALE: 1"=100' SHEET 57 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

**COORDINATE SYSTEM DEFINITION:**  
North American Datum of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129) and Shaw (P.I.D. NH1129).

The average project combined scale factor is 0.9999355.

**BEARING REFERENCE DEFINITION:**  
North American Datum of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129).

<p><b>CURVE "27"</b> Δ=42°32'47" L=968.02' R=1303.60' CH.=945.93' CH. BRG.=S54°18'11"E</p>	<p><b>CURVE "27-1"</b> Δ=30°04'58" L=684.45' R=1303.60' CH.=676.61' CH. BRG.=S57°52'30"E</p>	<p><b>CURVE "28"</b> Δ=42°32'47" L=945.75' R=1273.60' CH.=924.17' CH. BRG.=N54°11'11"W</p>	<p><b>CURVE "28-2"</b> Δ=40°47'30" L=906.74' R=1273.60' CH.=887.71' CH. BRG.=N54°11'11"W</p>	<p><b>CURVE "29"</b> Δ=42°32'47" L=923.47' R=1243.60' CH.=902.40' CH. BRG.=S54°18'11"E</p>	<p><b>CURVE "1L"</b> Δ=42°34'22" L=1462.67' R=2038.50' CH.=1429.25' CH. BRG.=S54°18'27"E</p>	<p><b>CURVE "1J"</b> Δ=14°00'55" L=498.64' R=2038.50' CH.=497.40' CH. BRG.=S40°01'43"E</p>	<p><b>CURVE "1J-2"</b> Δ=06°38'57" L=236.57' R=2038.50' CH.=236.43' CH. BRG.=S36°48'54"E</p>	<p><b>CURVE "1J-3"</b> Δ=06°53'48" L=245.38' R=2038.50' CH.=245.23' CH. BRG.=S43°35'17"E</p>	<p><b>CURVE "1J-4"</b> Δ=01°28'17" L=52.35' R=2038.50' CH.=52.35' CH. BRG.=S40°52'31"E</p>	<p><b>CURVE "1N-1"</b> Δ=09°23'07" L=30.15' R=2023.50' CH.=331.09' CH. BRG.=S70°54'05"E</p>	<p><b>CURVE "1N-2"</b> Δ=01°22'16" L=48.43' R=2023.50' CH.=48.43' CH. BRG.=S86°53'40"E</p>	<p><b>CURVE "1N-3"</b> Δ=03°05'22" L=109.10' R=2023.50' CH.=109.09' CH. BRG.=S69°07'29"E</p>	<p><b>CURVE "1J-5"</b> Δ=00°50'36" L=30.00' R=2038.50' CH.=30.00' CH. BRG.=S42°01'57"E</p>	<p><b>CURVE "1K"</b> Δ=00°50'36" L=30.15' R=2048.50' CH.=30.15' CH. BRG.=N42°01'57"W</p>	<p><b>CURVE "1N-1"</b> Δ=01°22'16" L=48.43' R=2023.50' CH.=48.43' CH. BRG.=S86°53'40"E</p>	<p><b>CURVE "1N-3"</b> Δ=03°05'22" L=109.10' R=2023.50' CH.=109.09' CH. BRG.=S69°07'29"E</p>	<p><b>CURVE "1J-6"</b> Δ=04°34'56" L=163.02' R=2038.50' CH.=162.98' CH. BRG.=S44°44'43"E</p>	<p><b>CURVE "1L-1"</b> Δ=22°07'41" L=760.25' R=1968.50' CH.=755.54' CH. BRG.=S44°05'07"E</p>	<p><b>CURVE "1L-2"</b> Δ=20°26'41" L=702.42' R=1968.50' CH.=698.70' CH. BRG.=S65°22'18"E</p>
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PART OF SECTION 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
		(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET	(ACRES) SQ. FEET			
1CV1036 1CV1036TE	AmAudit Building Management, LLC	(6.505)	(1.485)	(5.020)	(0.426)	(0.032)	CONSTRUCTION	13-36-200-007 13-36-100-008	
1CV1052 1CV1052TE	Philip J. Hellyer	(2.085)	(1.230)	(0.855)	(0.374)	(0.007) 301	CONSTRUCTION	13-36-100-007	

**COORDINATE SYSTEM DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986))  
Illinois State Plane Eastern Zone estimated GROUND coordinates based upon  
found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and  
Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

**BEARING REFERENCE DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986))  
Illinois State Plane Eastern Zone based upon found National Geodetic Survey  
monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

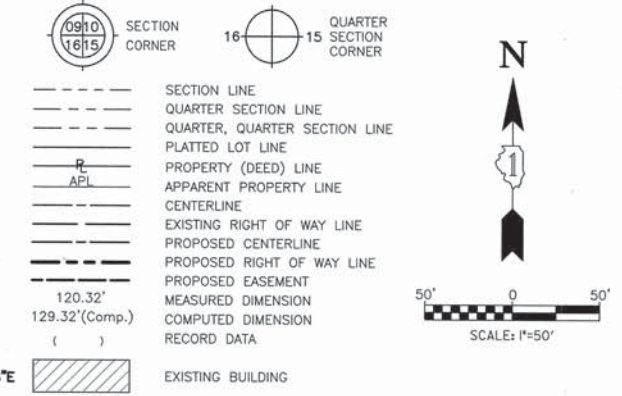
PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
128	STA.=519+39.75	0.00' RIGHT	2035648.4520	974840.6539
129	STA.=527+00.00	0.00' RIGHT	2035105.7460	975366.3004
130	STA.=534+02.42	0.00' RIGHT	2034814.5777	976001.4355
131	STA.=544+00.00	0.00' RIGHT	2034566.3872	976967.6523

PROJECT COORDINATES FOR PROPOSED R.O.W.

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
673	STA.=519+39.75	65.00' LEFT	2035683.8737	974895.1545
676	STA.=525+50.00	65.00' LEFT	2035246.4263	975287.6838
677	STA.=525+50.00	80.00' LEFT	2035258.0477	975297.1676
679	STA.=532+00.00	80.00' LEFT	2034949.9516	975836.0678
680	STA.=532+00.00	70.00' LEFT	2034940.5726	975832.5988
682	STA.=534+02.42	70.00' LEFT	2034882.3767	976018.8509

**LEGEND**



- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- "MAG" NAIL SET OR FOUND
- + CUT CROSS SET OR FOUND
- 5/8" REBAR SET OR FOUND
- CONCRETE R.O.W. MARKER FOUND
- "P.K." NAIL SET OR FOUND
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDALL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 25 AND 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randall E. Gann*  
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

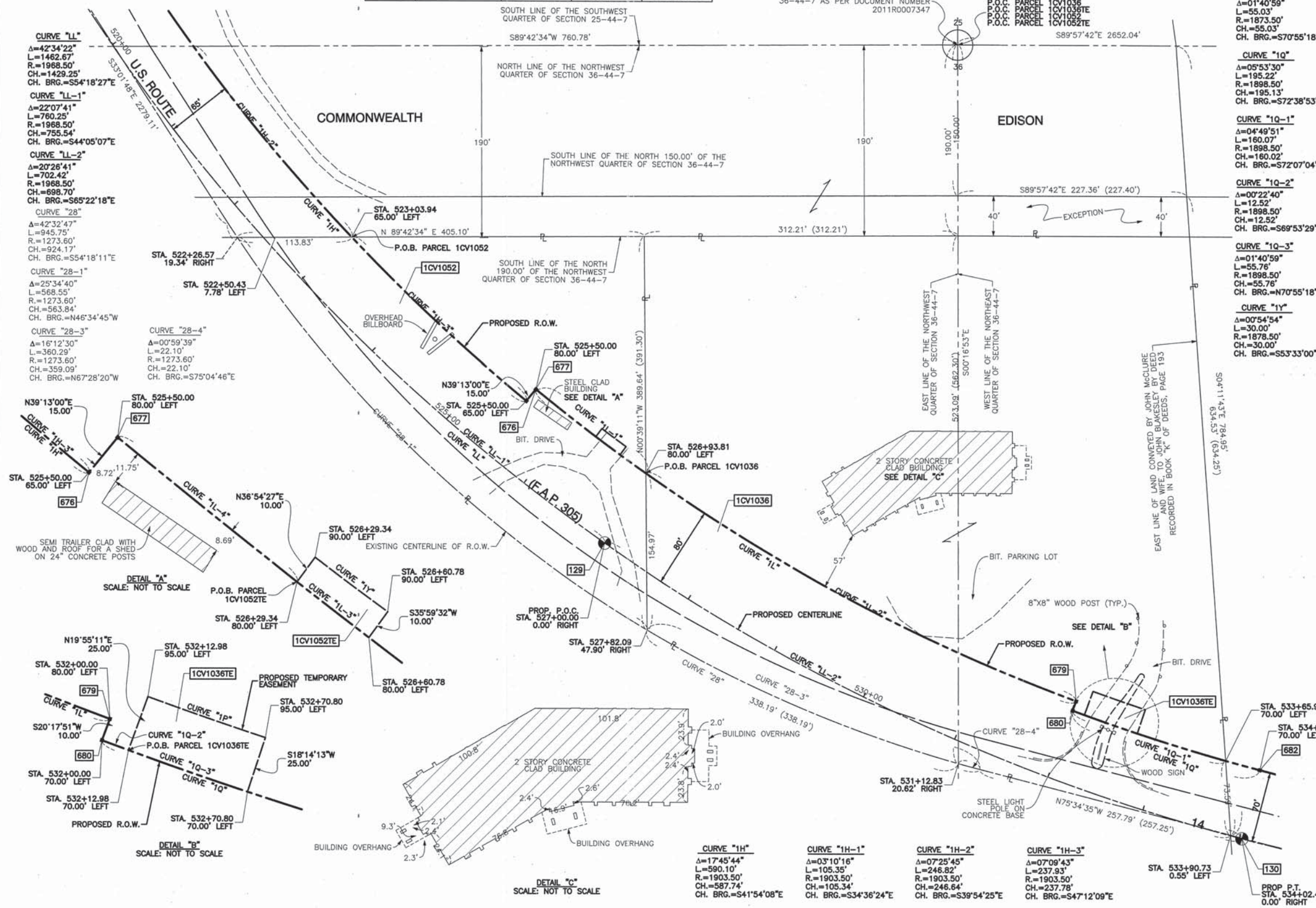
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APR 05 2012  
PLATS & LEGALS

**Robinson ENGINEERING**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 522+26.57 TO STATION 533+90.73  
SCALE: 1"=50' SHEET 58 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196



DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

PART OF SECTION 25 AND SECTION 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES)	PART (ACRES)	REMAINDER (ACRES)	PREVIOUS DEDICATION (ACRES)	EASEMENT (ACRES)	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY	
1CV1039-A 1CV1039-B 1CV1039TE	Harris Trust and Savings Bank, successor to Palatine National Bank, as Trustee, under a Trust Agreement dated the 10th day of October 1971 and known as Trust Number 485	(67.292)	(5.124) (0.229)	A B	(61.939)	(2.203) (0.154)	A B	(0.117) TE	CONSTRUCTION	13-36-200-001 14-31-101-006

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
679	STA=532+00.00	80.00' LEFT	2034949.9516	975836.0678
680	STA=532+00.00	70.00' LEFT	2034940.5726	975832.5988
682	STA=534+02.42	70.00' LEFT	2034882.3767	976018.8509
686	STA=537+50.00	70.00' LEFT	2034795.9007	976355.5056
687	STA=537+50.00	80.00' LEFT	2034805.5863	976357.9936
689	STA=538+50.00	80.00' LEFT	2034780.7071	976454.8493
690	STA=538+50.00	70.00' LEFT	2034771.0216	976452.3613
693	STA=549+00.00	70.00' LEFT	2034509.7904	977469.3462
694	STA=549+00.00	85.00' LEFT	2034524.3188	977473.0781
695	STA=551+00.00	85.00' LEFT	2034474.5604	977666.7895
696	STA=551+00.00	70.00' LEFT	2034460.0321	977663.0576
697	STA=553+93.52	70.00' LEFT	2034387.0059	977947.3520
701	STA=561+08.30	70.00' LEFT	2034320.9757	978634.3782
706	STA=566+29.92	70.00' LEFT	2034352.1506	979155.0692
707	STA=567+10.00	70.00' LEFT	2034354.4567	979239.6602
708	STA=568+04.74	101.14' LEFT	2034381.1062	979342.2336
708	STA=901+00.00 (S)	55.00' LEFT	2034381.1062	979342.2336
709	STA=901+52.30 (S)	55.00' LEFT	2034433.0073	979348.6834
710	STA=904+18.50 (S)	55.00' LEFT	2034656.2603	979304.9905
711	STA=904+18.50 (S)	45.00' LEFT	2034661.1436	979313.7171
712	STA=907+07.80 (S)	45.00' LEFT	2034913.6041	979172.4437
713	STA=907+07.80 (S)	29.67' LEFT	2034921.0914	979185.8239

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
129	STA=527+00.00	0.00' RIGHT	2035105.7460	975366.3004
130	STA=534+02.42	0.00' RIGHT	2034814.5777	976001.4355
131	STA=544+00.00	0.00' RIGHT	2034566.3872	976967.6523
132	STA=553+93.52	0.00' RIGHT	2034319.2069	977929.9366
133	STA=561+08.30	0.00' RIGHT	2034251.1008	978638.5618
134	STA=566+29.92	0.00' RIGHT	2034282.2757	979159.2528
135	STA=568+55.58	0.00' RIGHT	2034275.0868	979384.4814

PROJECT COORDINATES FOR PROPOSED CENTERLINE RIDGEFIELD ROAD SOUTH				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
135	STA=900+00.00 (S)	0.00' RIGHT	2034275.0868	979384.4814
400	STA=901+52.30 (S)	0.00' RIGHT	2034426.2245	979403.2636
401	STA=904+18.50 (S)	0.00' RIGHT	2034683.1183	979352.9868
402	STA=907+07.80 (S)	0.00' RIGHT	2034935.5788	979211.7134

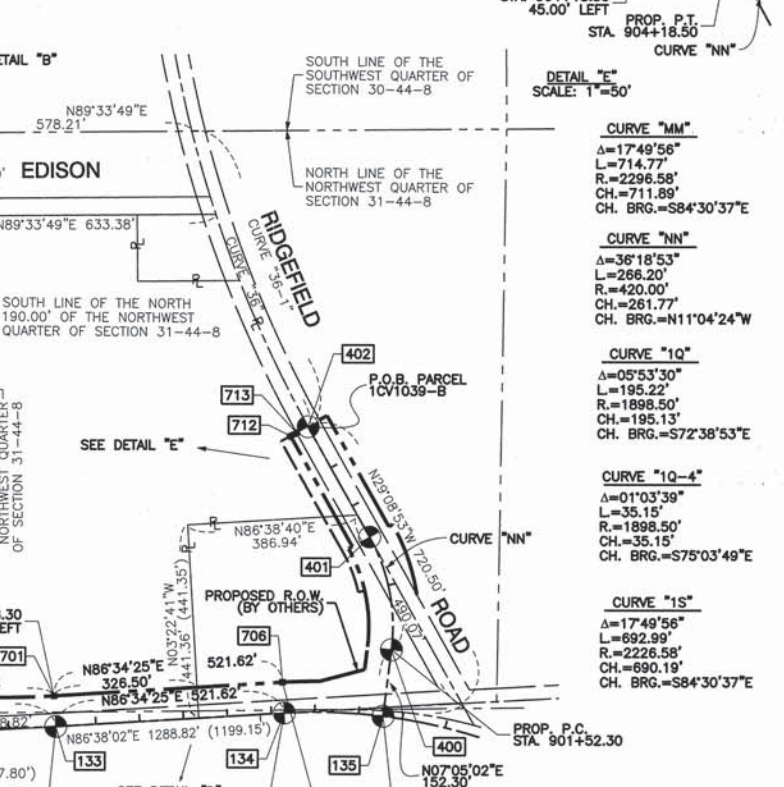
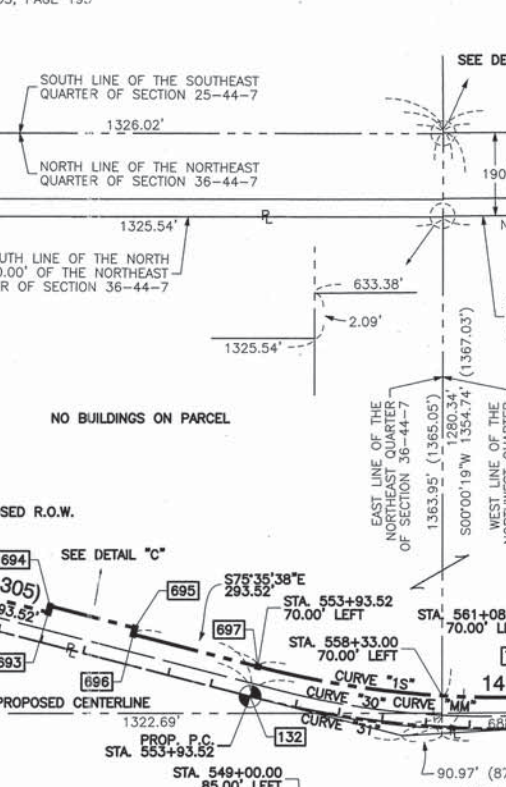
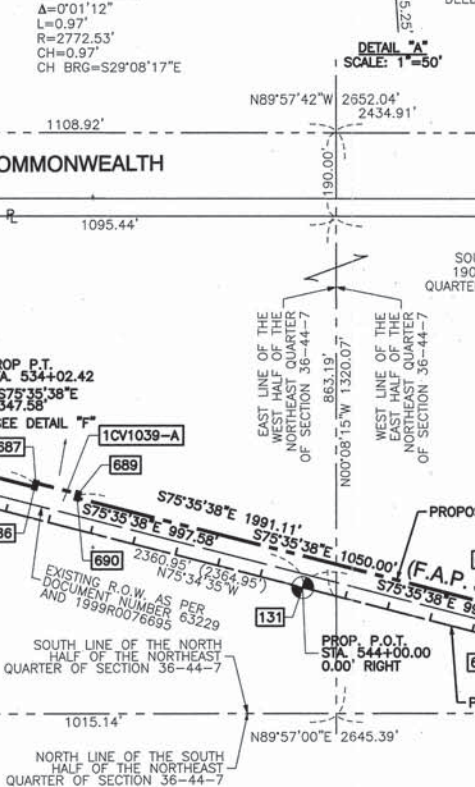
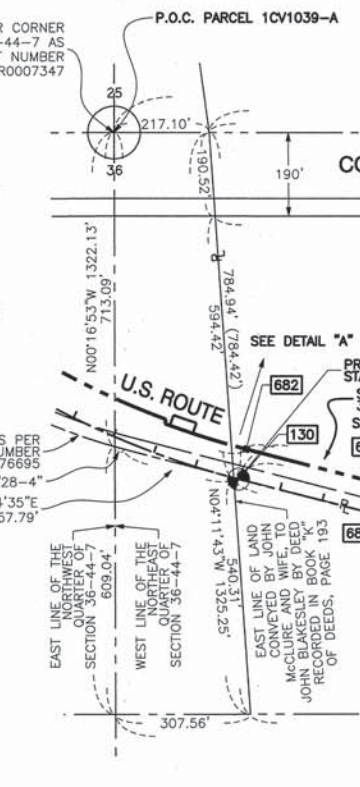
(5) PROPOSED RIDGEFIELD ROAD SOUTH STATIONING

(5) PROPOSED RIDGEFIELD ROAD SOUTH STATIONING

CURVE	Δ	L	R	CH	CH BRG.
CURVE "28"	Δ=42°32'47"	L=945.75'	R=1273.60'	CH=924.17'	CH BRG.=S54°18'11"E
CURVE "28-4"	Δ=0°59'39"	L=22.10'	R=1273.60'	CH=22.10'	CH BRG.=S75°04'46"E
CURVE "36"	Δ=18°45'56"	L=908.06'	R=2772.53'	CH=904.01'	CH BRG.=S19°45'55"E
CURVE "36-1"	Δ=14°56'24"	L=722.95'	R=2772.53'	CH=720.90'	CH BRG.=S21°39'29"E
CURVE "36-2"	Δ=0°01'12"	L=0.97'	R=2772.53'	CH=0.97'	CH BRG.=S29°08'17"E

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

CURVE	Δ	L	R	CH	CH BRG.
CURVE "30"	Δ=17°47'23"	L=583.75'	R=1880.10'	CH=581.41'	CH BRG.=S84°28'17"E
CURVE "31"	Δ=17°47'23"	L=583.07'	R=1910.10'	CH=590.69'	CH BRG.=S84°28'17"E
CURVE "28-4"	Δ=0°59'39"	L=22.10'	R=1273.60'	CH=22.10'	CH BRG.=S75°04'46"E



LEGEND

SECTION CORNER (Symbol)

QUARTER SECTION CORNER (Symbol)

SECTION LINE (Symbol)

QUARTER SECTION LINE (Symbol)

QUARTER SECTION LINE (Symbol)

PLATTED LOT LINE (Symbol)

PROPERTY (DEED) LINE (Symbol)

APPARENT PROPERTY LINE (Symbol)

CENTERLINE (Symbol)

EXISTING RIGHT OF WAY LINE (Symbol)

PROPOSED CENTERLINE (Symbol)

PROPOSED RIGHT OF WAY LINE (Symbol)

PROPOSED EASEMENT (Symbol)

MEASURED DIMENSION (Symbol)

COMPUTED DIMENSION (Symbol)

RECORD DATA (Symbol)

EXISTING BUILDING (Symbol)

SCALE: 1"=200'

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERON IN SECTION 25 AND SECTION 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randell E. Gann*  
ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
APR 05 2012  
PLATS & LEGALS

**Robinson**  
ENGINEERING  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 519+55.87 TO STATION 523+03.94  
SCALE: 1"=200' SHEET 59 OF 88

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

COORDINATE SYSTEM DEFINITION:  
North American Datum of 1983 adjustment of 1986 (N.A.D. '83 (1986))  
Illinois State Plane Eastern Zone estimated GROUND coordinates based upon  
found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and  
Shaw (P.I.D. NH1129)

BEARING REFERENCE DEFINITION:  
North American Datum of 1983 adjustment of 1986 (N.A.D. '83 (1986))  
Illinois State Plane Eastern Zone based upon found National Geodetic Survey  
monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES) SQ. FEET	PART TAKEN (ACRES) SQ. FEET	REMAINDER (ACRES) SQ. FEET	PREVIOUS DEDICATION (ACRES) SQ. FEET	EASEMENT (ACRES) SQ. FEET	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1038 1CV1038TE	Carol A. Koehmstedt	(3.794)	(0.319)	(3.475)	(0.194)	(0.018)	CONSTRUCTION	13-36-200-002	

**LEGEND**

SECTION CORNER 16 15 QUARTER SECTION CORNER

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

EXISTING BUILDING

3/4" IRON PIPE SET OR FOUND  
 IRON PIPE OR ROD SET OR FOUND  
 CUT CROSS SET OR FOUND  
 CONCRETE R.O.W. MARKER FOUND  
 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 SURVEYORS REGISTRATION NUMBER.  
 BT1 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 SURVEYORS REGISTRATION NUMBER.  
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
 PERMANENT SURVEY MARKER, I.D.O.T. STD 2135  
 RIGHT OF WAY STAKING PROPOSED TO BE SET.

120.32'  
129.32'(Comp.)

50' 0 50'  
SCALE: 1"=50'

PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
129	STA=527+00.00	0.00' RIGHT	2035105.7460	975366.3004
130	STA=534+02.42	0.00' RIGHT	2034814.5777	976001.4355
131	STA=544+00.00	0.00' RIGHT	2034566.3872	976967.6523

**CURVE "27"**  
 $\Delta=42^{\circ}32'47"$   
 $L=968.02'$   
 $R=1303.60'$   
 $CH=945.93'$   
 $CH. BRG.=S54^{\circ}18'11"E$

**CURVE "28"**  
 $\Delta=42^{\circ}32'47"$   
 $L=945.75'$   
 $R=1273.60'$   
 $CH=924.17'$   
 $CH. BRG.=S54^{\circ}18'11"E$

**CURVE "LL"**  
 $\Delta=42^{\circ}34'22"$   
 $L=1462.67'$   
 $R=1968.50'$   
 $CH=1429.25'$   
 $CH. BRG.=S54^{\circ}18'27"E$

**CURVE "1N"**  
 $\Delta=09^{\circ}23'07"$   
 $L=331.46'$   
 $R=2023.50'$   
 $CH=331.09'$   
 $CH. BRG.=S70^{\circ}54'05"E$

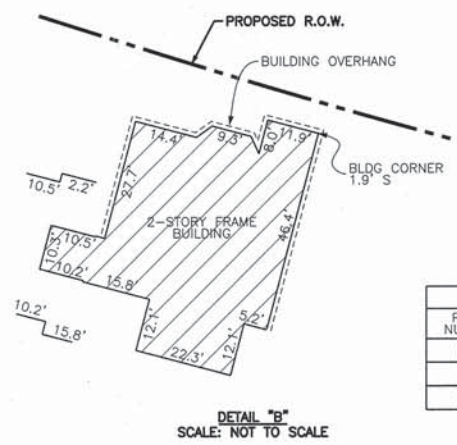
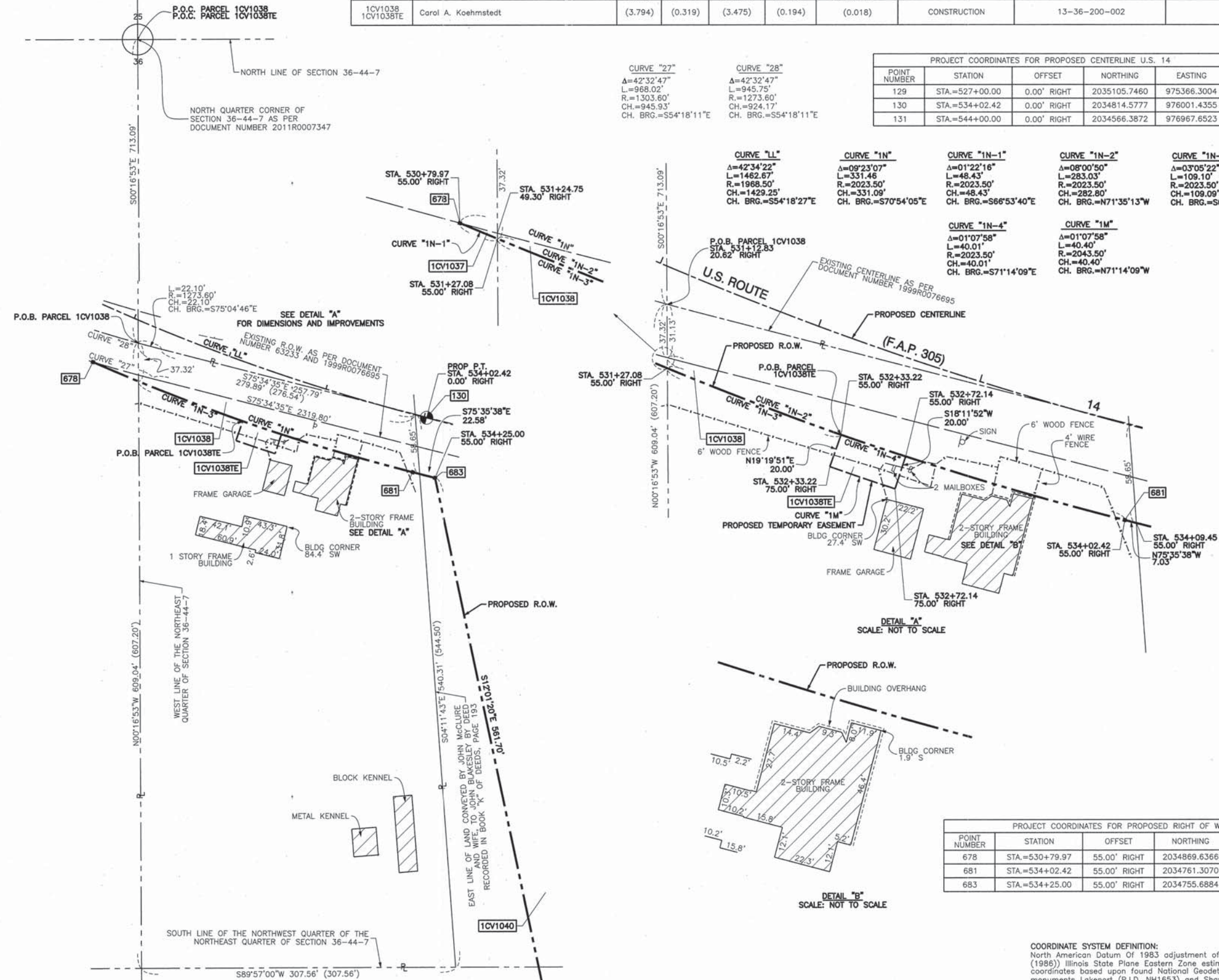
**CURVE "1N-1"**  
 $\Delta=01^{\circ}22'16"$   
 $L=48.43'$   
 $R=2023.50'$   
 $CH=48.43'$   
 $CH. BRG.=S66^{\circ}53'40"E$

**CURVE "1N-2"**  
 $\Delta=08^{\circ}05'50"$   
 $L=283.03'$   
 $R=2023.50'$   
 $CH=282.80'$   
 $CH. BRG.=N71^{\circ}35'13"W$

**CURVE "1N-3"**  
 $\Delta=03^{\circ}05'22"$   
 $L=109.10'$   
 $R=2023.50'$   
 $CH=109.09'$   
 $CH. BRG.=S69^{\circ}07'29"E$

**CURVE "1N-4"**  
 $\Delta=01^{\circ}07'58"$   
 $L=40.01'$   
 $R=2043.50'$   
 $CH=40.01'$   
 $CH. BRG.=S71^{\circ}14'09"E$

**CURVE "1M"**  
 $\Delta=01^{\circ}07'58"$   
 $L=40.40'$   
 $R=2043.50'$   
 $CH=40.40'$   
 $CH. BRG.=N71^{\circ}14'09"W$



PROJECT COORDINATES FOR PROPOSED RIGHT OF WAY

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
678	STA=530+79.97	55.00' RIGHT	2034869.6366	975674.8907
681	STA=534+02.42	55.00' RIGHT	2034761.3070	975987.7520
683	STA=534+25.00	55.00' RIGHT	2034755.6884	976009.6257

**COORDINATE SYSTEM DEFINITION:**  
 North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated GROUND coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)  
 The average project combined scale factor is 0.9999355.

**BEARING REFERENCE DEFINITION:**  
 North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

STATE OF ILLINOIS )  
 COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDALL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 36, TOWNSHIP 44 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

*Randall E. Gann*  
 ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
 EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED  
 APR 05 2012  
 PLATS & LEGALS

**Robinson ENGINEERING**  
 1700 SOUTH PARK AVENUE  
 SOUTH HOLLAND, IL 60473  
 (708) 331-8700

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 14  
 WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
 PROJECT JOB NO. R-91-015-98  
 STATION 531+12.83 TO STATION 534+09.45  
 SCALE: 1"=50' SHEET 60 OF 88

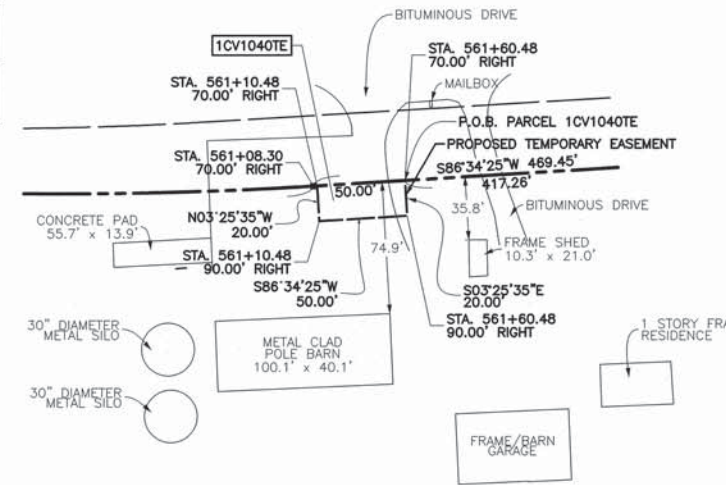
BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

DATE	BY	R.O.W. PLAT	NOTEBOOK NO.

PARCEL NO.	OWNER	TOTAL HOLDING (ACRES)	PART TAKEN (ACRES)	REMAINDER (ACRES)	PREVIOUS DEDICATION (ACRES)	EASEMENT (ACRES)	EASEMENT PURPOSE	TAX NUMBER(S)	ACQUIRED BY
1CV1040 1CV1040TE	Home State Bank of Crystal Lake, as Trustee, under a Trust Agreement dated the 8th day of November, 1968 and known as Trust Number 1281	(114.193)	(8.710)	(105.483)	(2.088)	(0.023)	CONSTRUCTION	13-36-200-006 14-31-151-001	

PROJECT COORDINATES FOR PROPOSED R.O.W.				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
681	STA.=534+02.42	55.00' RIGHT	2034761.3070	975987.7520
684	STA.=536+75.00	558.00' RIGHT	2034206.3063	976126.6227
685	STA.=538+25.00	545.00' RIGHT	2034181.5788	976275.1406
688	STA.=538+25.00	70.00' RIGHT	2034641.6434	976393.3166
691	STA.=546+50.00	70.00' RIGHT	2034436.3903	977192.3762
692	STA.=546+50.00	80.00' RIGHT	2034426.7047	977189.8882
699	STA.=555+00.00	80.00' RIGHT	2034216.7924	978017.3513
700	STA.=555+00.00	70.00' RIGHT	2034226.5829	978019.3876
703	STA.=566+00.00	70.00' RIGHT	2034210.6127	979133.5709
704	STA.=566+00.00	75.00' RIGHT	2034205.6217	979133.8697
980	STA.=534+09.45	55.00' RIGHT	2034759.5582	975994.5604
981	STA.=535+63.09	511.50' RIGHT	2034279.1871	976029.7980
982	STA.=536+41.80	491.21' RIGHT	2034279.2583	976111.0868

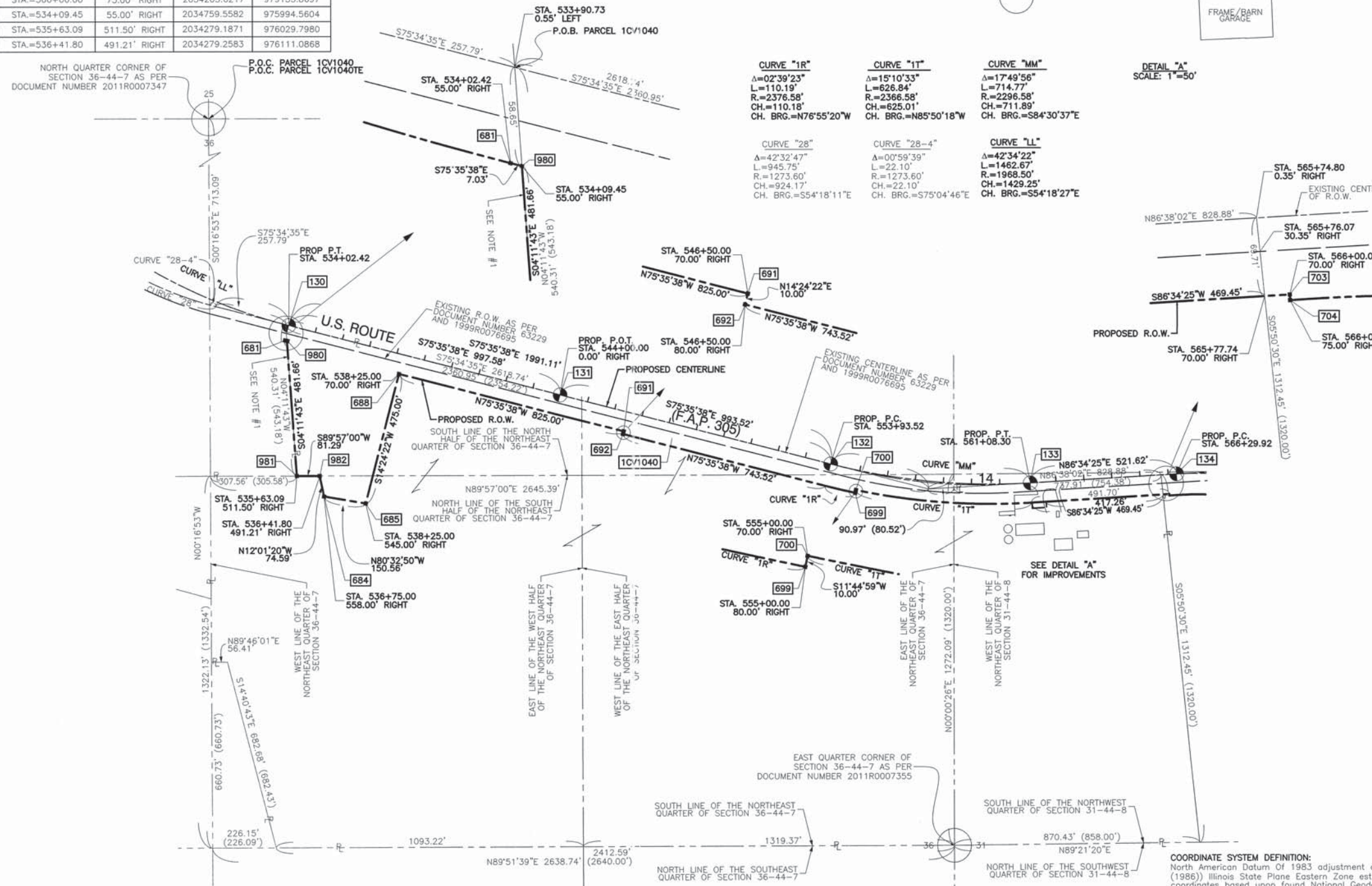
PROJECT COORDINATES FOR PROPOSED CENTERLINE U.S. 14				
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
129	STA.=527+00.00	0.00' RIGHT	2035105.7460	975366.3004
130	STA.=534+02.42	0.00' RIGHT	2034814.1777	976001.4355
131	STA.=544+00.00	0.00' RIGHT	2034566.1872	976967.6523
132	STA.=553+93.52	0.00' RIGHT	2034319.7069	977929.9366
133	STA.=561+08.30	0.00' RIGHT	2034251.1008	978638.5618
134	STA.=566+29.92	0.00' RIGHT	2034282.7757	979159.2528
135	STA.=568+55.58	0.00' RIGHT	2034275.1868	979384.4814



**LEGEND**

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

SCALE: 1"=200'



- 3/4" IRON PIPE SET OR FOUND
- IRON PIPE OR ROD SET OR FOUND
- "MAG" NAIL SET OR FOUND
- + CUT CROSS SET OR FOUND
- 5/8" REBAR SET OR FOUND
- "P.K." NAIL SET OR FOUND
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY T1 T2 T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY T1 T2 T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO CERTIFY THAT I, RANDELL E. GANN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 36, TOWNSHIP 44 NORTH, RANGE 7, AND SECTION 31, TOWNSHIP 44 NORTH, RANGE 8, ALL EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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 SOUTH HOLLAND, ILLINOIS THIS 22ND DAY OF OCTOBER, 2010 A.D.

ILLINOIS REGISTERED LAND SURVEYOR NO. 035-003241  
EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SS  
RECEIVED  
FEB 01 2013  
PLATS & LEGALS

**Robinson**  
17000 SOUTH PARK AVENUE  
SOUTH HOLLAND, IL 60473  
(708) 331-6700

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 14  
WEST LAKE SHORE DRIVE TO DOLE AVENUE

SECTION McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 534+09.45 TO STATION 565+77.74  
SCALE: 1"=200' SHEET 61 OF 88

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

DATE	BY

NOTES  
1: EAST LINE OF LAND CONVEYED BY JOHN McCURE AND WIFE, TO JOHN BLAKESLEY BY DEED RECORDED IN BOOK "K" OF DEEDS, PAGE 195

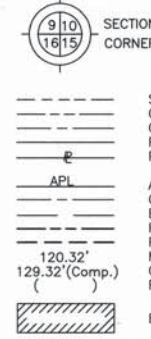
**COORDINATE SYSTEM DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone estimated Ground coordinates based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

The average project combined scale factor is 0.9999355.

**BEARING REFERENCE DEFINITION:**  
North American Datum Of 1983 adjustment of 1986 (N.A.D. '83 (1986)) Illinois State Plane Eastern Zone based upon found National Geodetic Survey monuments Lakeport (P.I.D. NH1653) and Shaw (P.I.D. NH1129)

PART OF THE NW 1/4 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- T1, T2, T3 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 SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS 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 LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 28th DAY OF March 2011 A.D.

Christian H. Jorgensen, PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.

STATION	OFFSET	NORTH	EAST
567+32.96	3.81' Lt.	2,034,287.930	979,262.336
567+35.49	26.09' Rt.	2,034,257.981	979,264.098
569+69.77	78.85' Lt.	2,034,332.779	979,513.919
570+21.26	64.10' Lt.	2,034,305.638	979,563.406
570+27.79	57.03' Lt.	2,034,297.041	979,568.200
570+30.05	97.52' Lt.	2,034,335.498	979,581.103
570+61.11	22.67' Lt.	2,034,254.583	979,591.879
570+81.81	53.28' Lt.	2,034,277.546	979,621.296
572+03.37	75.00' Rt.	2,034,115.420	979,689.378
901+00.00	55.00' Lt.	2,034,381.106	979,342.234
901+52.30	55.00' Lt.	2,034,433.007	979,348.683
903+00.00	55.00' Lt.	2,034,560.531	979,342.021
904+18.50	45.00' Lt.	2,034,661.144	979,313.717
904+18.50	55.00' Lt.	2,034,656.260	979,304.990
904+18.50	70.00' Lt.	2,034,648.935	979,291.901
904+76.40	@	2,034,733.648	979,324.709
904+90.95	29.98' Lt.	2,034,731.698	979,291.446
904+98.23	45.00' Lt.	2,034,730.721	979,274.783
905+10.36	70.00' Lt.	2,034,729.095	979,247.045

Point Number	Tie to point	Tie Distance (feet)
7	T1	34.14
	T2	28.36
	T3	30.39
8	T1	29.24
	T2	22.76
	T3	31.02
9	T1	29.80
	T2	21.06
	T3	29.83
10	T1	37.19
	T2	31.06
	T3	37.98

Point Number	Tie to point	Tie Distance (feet)
1	T1	37.90
	T2	26.38
	T3	21.63
2	T1	18.81
	T2	7.98
	T3	27.34
3	T1	24.57
	T2	24.10
	T3	9.22
4	T1	27.96
	T2	13.44
	T3	25.72
5	T1	53.44
	T2	17.59
	T3	50.93
6	T1	32.88
	T2	20.20
	T3	40.58

Parcel	Document No.	Date Recorded
1CV0201	127148	June 10, 1937
1CV0202	63235	April 22, 1924
1CV0202	143050	December 1, 1939
---	63230	April 22, 1924
---	63235	April 22, 1924
---	127151	June 10, 1937

Proposed @ Pavement Ridgefield Road Curve #RDGS-2  
 P.I. = Sta. 902+90.04  
 Δ = 84.64°  
 R = 137.74'  
 L = 266.20'  
 T = 22.01'  
 P.C. = Sta. 901+52.30  
 P.T. = Sta. 904+18.50

Measured @ R.O.W. U.S. Route 14 Curve Data  
 Δ = 56°06'41"  
 R = 1042.10'  
 T = 555.39'  
 L = 1020.56'  
 E = 138.76'

Proposed @ Pavement U.S. Route 14 Curve #AL14-7  
 P.I. = Sta. 572+86.39  
 Δ = 56°10'01"  
 R = 1230.31'  
 T = 656.47'  
 L = 1206.07'  
 E = 164.18'  
 P.C. = Sta. 566+29.92  
 P.T. = Sta. 578+35.99

Existing @ Pavement U.S. Route 14 Curve #6  
 P.I. = Sta. 237+24.55  
 Δ = 56°09'56"  
 R = 1042.10'  
 T = 556.03'  
 L = 1021.54'  
 E = 139.08'  
 P.C. = Sta. 231+68.52  
 P.T. = Sta. 241+90.06

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0201 1CV0201T.E.	Golden Eagle Community Bank, an Illinois corporation	5.000	1.759	0.723	3.241	0.084	Construction Purposes	14-31-101-004	
1CV0202 1CV0202P.E.	Flowerwood Inc., a Delaware corporation	18.564	1.299	N/A	17.265	0.261	Drainage Purposes	14-31-151-002	

STATION	OFFSET	NORTH	EAST
560+44.07	29.32' Lt.	2,034,277.463	978,573.469
560+44.87	0.67' Rt.	2,034,247.514	978,575.231
560+45.66	30.66' Lt.	2,034,217.566	978,576.992
564+34.75	0.20' Rt.	2,034,270.408	978,964.441
564+34.77	29.80' Lt.	2,034,300.355	978,962.672
564+34.80	70.00' Lt.	2,034,340.489	978,960.301
565+76.07	30.35' Rt.	2,034,248.760	979,107.317
565+77.75	70.00' Rt.	2,034,209.283	979,111.356
566+00.00	70.00' Rt.	2,034,210.613	979,133.571
566+00.00	75.00' Rt.	2,034,205.622	979,133.870
566+29.92	70.00' Lt.	2,034,352.151	979,155.069
566+29.92	75.00' Rt.	2,034,207.410	979,163.735
567+10.00	70.00' Lt.	2,034,354.457	979,239.660

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE, LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)

SECTION 27RS-6  
PROJECT McHENRY COUNTY  
STATION 560+00 TO STATION 572+00  
STATION 900+00.00 TO STATION 906+00  
SCALE: 1"=40'

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.  
JOB NO. R-91-015-98  
TO STATION 906+00  
SHEET B1 OF B33

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAMBERG, ILLINOIS 60196

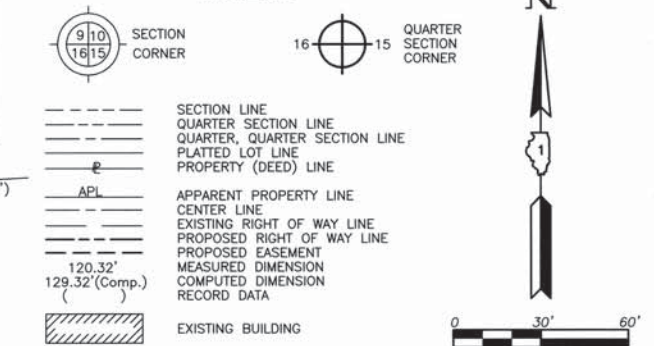
RECEIVED FEB 07 2013  
PLATS & LEGALS MADE BY



EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1CV0202	63235	April 22, 1924
1CV0204	63235	April 22, 1924
-----	63235	April 22, 1924
-----	127148	June 10, 1937
-----	127151	June 10, 1937
-----	328971	September 26, 1957

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0202	Flowerwood Inc., a Delaware corporation	18.564	1.299	N/A	17.265	0.261	Drainage Purposes	14-31-151-002	
1CV0204-A			A=0.178	A=0.093					
1CV0204-B			B=0.087	B=0.064					
1CV0204-C			C=0.092	C=0.045					
1CV0204-E	Jo-Ann T. Spielman	1.461		1.104	0.013		Construction Purposes	14-31-176-001	

LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH129.

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY LINE
- APL
- APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- 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 SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION BURIED 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

Point Number	Tie to point	Tie Distance (feet)
1	T1	63.34
	T2	35.82
	T3	44.92
2	T1	60.59
	T2	31.44
	T3	42.24
3	T1	14.99
	T2	20.15
	T3	30.82
4	T1	34.73
	T2	23.37
	T3	12.14
5	T1	50.62
	T2	48.00
	T3	36.36
6	T1	55.00
	T2	47.54
	T3	21.93
7	T1	38.80
	T2	28.88
	T3	26.44
8	T1	31.49
	T2	23.09
	T3	18.28
9	T1	25.00
	T2	34.63
	T3	47.46
10	T1	28.18
	T2	19.71
	T3	30.04
11	T1	25.18
	T2	21.02
	T3	24.17
12	T1	38.08
	T2	33.00
	T3	35.59
13	T1	34.82
	T2	21.91
	T3	20.29
14	T1	19.22
	T2	19.72
	T3	31.15
15	T1	24.32
	T2	11.53
	T3	24.35
16	T1	37.90
	T2	26.38
	T3	21.63
17	T1	45.37
	T2	37.98
	T3	36.51

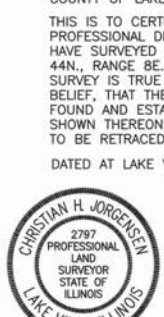
Existing @ Pavement U.S. Route #14 Curve #6  
 P.I. = Sta. 237+24.55  
 Δ = 56°09'56"  
 R = 1042.10'  
 T = 556.03'  
 L = 1021.54'  
 E = 139.06'  
 P.C. = Sta. 231+68.52  
 P.T. = Sta. 241+90.06

STATION	OFFSET	NORTH	EAST
572+16.04	269.58' Rt.	2,033,932.724	979,621.546
572+41.55	261.76' Rt.	2,033,931.558	979,642.989
572+55.13	60.00' Rt.	2,034,108.794	979,740.112
573+00.00	55.20' Lt.	2,034,191.520	979,831.921
573+00.00	60.00' Lt.	2,034,195.764	979,834.157
573+23.18	230.10' Lt.	2,034,333.206	979,937.649
573+36.49	54.74' Lt.	2,034,172.849	979,865.156
573+36.63	64.74' Lt.	2,034,181.479	979,870.208
573+56.50	258.30' Lt.	2,034,337.969	979,986.310
573+60.29	193.92' Lt.	2,034,280.223	979,957.496
573+74.10	223.04' Lt.	2,034,296.911	979,986.310
573+88.56	53.69' Lt.	2,034,144.200	979,911.367
573+88.78	63.69' Lt.	2,034,152.563	979,916.850
574+02.57	198.20' Lt.	2,034,258.209	980,001.498
574+10.10	210.36' Lt.	2,034,263.689	980,015.461
574+32.84	415.16' Rt.	2,033,730.226	979,688.206
574+50.99	399.26' Rt.	2,033,736.489	979,707.206
575+50.00	47.56' Lt.	2,034,041.309	980,044.267
575+52.02	91.50' Lt.	2,034,073.869	980,073.841
575+58.73	104.63' Lt.	2,034,079.348	980,087.805
576+26.43	60.00' Rt.	2,033,910.294	980,030.698
576+33.92	17.42' Rt.	2,033,936.437	980,065.070
576+44.48	42.02' Lt.	2,033,972.144	980,113.762

Proposed @ Pavement U.S. Route #14 Curve #1  
 P.I. = Sta. 0+78.91  
 Δ = 62°33'55"  
 R = 100.00'  
 T = 60.76'  
 L = 109.20'  
 E = 17.01'  
 P.C. = Sta. 0+18.15  
 P.T. = Sta. 1+27.35

Proposed @ Pavement Lenny Drive Curve #1  
 P.I. = Sta. 0+78.91  
 Δ = 62°33'55"  
 R = 100.00'  
 T = 60.76'  
 L = 109.20'  
 E = 17.01'  
 P.C. = Sta. 0+18.15  
 P.T. = Sta. 1+27.35

Measured @ R.O.W. U.S. Route #14 Curve Data  
 Δ = 56°06'41"  
 R = 1042.10'  
 T = 555.39'  
 L = 1020.56'  
 E = 138.76'



JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371

STATION	OFFSET	NORTH	EAST
1+85.17	29.31' Rt.	2,034,146.661	980,096.839
2+54.72	28.12' Rt.	2,034,211.408	980,071.429
569+69.77	78.85' Lt.	2,034,332.779	979,513.919
570+27.79	57.03' Lt.	2,034,297.041	979,568.200
570+30.05	97.52' Lt.	2,034,335.498	979,581.103
570+32.74	51.75' Lt.	2,034,290.584	979,571.801
570+61.11	22.67' Lt.	2,034,254.583	979,591.879
570+81.81	53.28' Lt.	2,034,277.546	979,621.296
571+73.37	127.05' Lt.	2,034,313.728	979,738.667
571+86.14	100.55' Lt.	2,034,283.928	979,741.584
572+00.00	70.00' Lt.	2,034,250.018	979,743.411
572+02.57	60.00' Rt.	2,034,129.499	979,694.606
572+03.37	75.00' Rt.	2,034,115.420	979,689.378

RECEIVED MAY 14 2012 PLATS & LEGALS

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.P. 305 (U.S. ROUTE 14) SECTION 27RS-6 McHENRY COUNTY PROJECT STATION 570+00 TO STATION 578+35.99 SCALE: 1"=30'

BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196

SEE SHEET B2

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1CV0203	63235	April 22, 1924
-----	63235	April 22, 1924
-----	63236	April 22, 1924
-----	328971	September 26, 1957
-----	82 ED 4	August 12, 1982*
-----	82 ED 3	September 21, 1982*

\* Date Filed

**LEGEND**

SECTION CORNER  
16  
15

QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
APPARENT PROPERTY LINE

CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

0  
+  
● T1  
● T2  
● T3  
● BT1  
● BT2  
● BT3  
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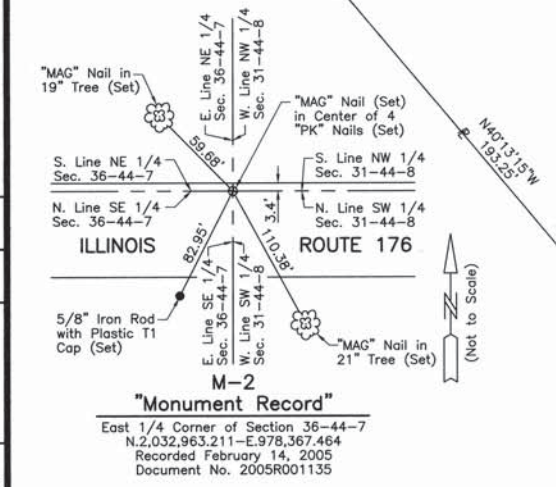
IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET  
THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)  
RIGHT OF WAY STAKING PROPOSED TO BE SET.

SCALE: 1"=20'

**Schedule of Ties**

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	30.78 24.74 33.97
2	T1 T2 T3	51.30 34.03 42.48

T3 to Point No. 2 is a "MAG" Nail (Set) in Bituminous Parking Lot.



Proposed @ Pavement U.S. Route 14 Curve #AL14-7		Existing @ Pavement U.S. Route 14 Curve #6		Measured @ R.O.W. U.S. Route 14 Curve Data	
P.I.	= Sta. 572+86.39	P.I.	= Sta. 237+24.55	Δ	= 56°06'41"
Δ	= 56°10'01"	Δ	= 58°09'58"	R	= 1042.10'
R	= 1230.31'	R	= 1042.10'	T	= 555.39'
T	= 656.47'	L	= 556.03'	L	= 1020.56'
L	= 1206.07'	E	= 1021.54'	E	= 139.06'
E	= 164.18'	P.C.	= Sta. 231+68.52	P.T.	= Sta. 241+90.06
P.C.	= Sta. 566+29.92	P.T.	= Sta. 241+90.06		
P.T.	= Sta. 578+35.99				

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0203 1CV0203T.E.	Skaja Brothers Real Estate Partnership, a general partnership	0.954	0.138	N/A	0.816	0.055	Driveway Construction	14-31-177-008	

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
579+56.83	31.12' Lt.	2,033,721.693	980,309.917
579+56.83	51.12' Lt.	2,033,733.800	980,325.836

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
576+27.39	55.00' Rt.	2,033,913.365	980,034.735
576+33.92	17.42' Rt.	2,033,936.437	980,065.070
577+34.88	24.79' Rt.	2,033,860.314	980,129.108
577+37.34	5.11' Lt.	2,033,878.474	980,152.986
577+45.45	55.00' Rt.	2,033,832.578	980,113.366
577+45.45	85.00' Rt.	2,033,812.708	980,090.889
577+83.70	2.25' Lt.	2,033,841.392	980,181.189
577+99.72	31.66' Lt.	2,033,847.479	980,214.251
578+30.27	85.00' Rt.	2,033,751.794	980,141.104
578+30.42	55.00' Rt.	2,033,769.955	980,164.983
578+30.54	28.86' Rt.	2,033,785.782	980,185.793
579+56.82	28.88' Rt.	2,033,685.371	980,262.160
579+56.82	48.88' Rt.	2,033,673.264	980,246.241

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

60046 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)

SECTION 27RS-6  
PROJECT  
STATION 576+00  
SCALE: 1"=20'

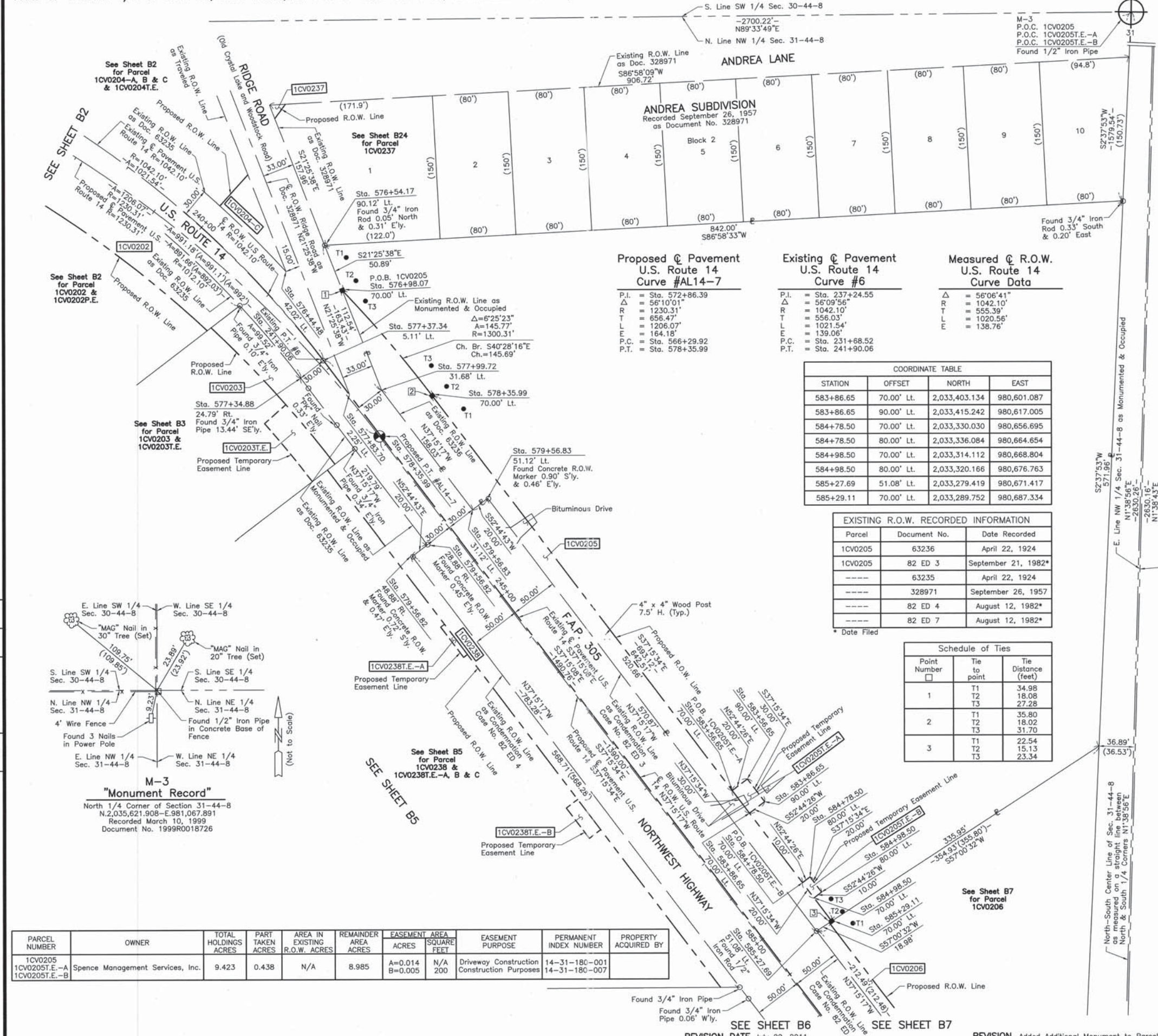
McHENRY COUNTY  
JOB NO. R-91-015-98  
TO STATION 580+00  
SHEET B3 OF B33

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

RECEIVED  
MAR 31 2011  
PLATS & LEGALS

MADE BY

REVISION DATE REVISION



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0205	Spence Management Services, Inc.	9.423	0.438	N/A	8.985	A=0.014 B=0.005	N/A 200	Driveway Construction Construction Purposes	14-31-180-001 14-31-180-007	

**Proposed C Pavement U.S. Route 14 Curve #AL14-7**

P.I.	= Sta. 572+86.39
Δ	= 56°10'01"
R	= 1230.31'
T	= 656.47'
L	= 1206.07'
E	= 164.18'
P.C.	= Sta. 566+29.92
P.T.	= Sta. 578+35.99

**Existing C Pavement U.S. Route 14 Curve #6**

P.I.	= Sta. 237+24.55
Δ	= 56°09'56"
R	= 1042.10'
T	= 556.03'
L	= 1021.54'
E	= 139.06'
P.C.	= Sta. 231+68.52
P.T.	= Sta. 241+90.06

**Measured C R.O.W. U.S. Route 14 Curve Data**

Δ	= 56°06'41"
R	= 1042.10'
T	= 555.39'
L	= 1020.56'
E	= 138.76'

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
583+86.65	70.00' Lt.	2,033,403.134	980,601.087
583+86.65	90.00' Lt.	2,033,415.242	980,617.005
584+78.50	70.00' Lt.	2,033,330.030	980,656.695
584+78.50	80.00' Lt.	2,033,336.084	980,664.654
584+98.50	70.00' Lt.	2,033,314.112	980,668.804
584+98.50	80.00' Lt.	2,033,320.166	980,676.763
585+27.69	51.08' Lt.	2,033,279.419	980,671.417
585+29.11	70.00' Lt.	2,033,289.752	980,687.334

**EXISTING R.O.W. RECORDED INFORMATION**

Parcel	Document No.	Date Recorded
1CV0205	63236	April 22, 1924
1CV0205	82 ED 3	September 21, 1982*
-----	63235	April 22, 1924
-----	328971	September 26, 1957
-----	82 ED 4	August 12, 1982*
-----	82 ED 7	August 12, 1982*

**Schedule of Ties**

Point Number	Tie to point	Tie Distance (feet)
1	T1	34.98
	T2	18.08
	T3	27.28
2	T1	35.80
	T2	18.02
	T3	31.70
3	T1	22.54
	T2	15.13
	T3	23.34

**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83 (1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET  
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 SURVEYORS REGISTRATION NUMBER.  
BT1 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 SURVEYORS REGISTRATION NUMBER.  
BT2  
BT3  
STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS 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 LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 28th DAY of March 2011 A.D.

CHRISTIAN H. JORGENSEN  
2797 PROFESSIONAL LAND SURVEYOR  
STATE OF ILLINOIS  
LAKE VILLA, ILLINOIS

DATE FILED

Scale: 1"=50'

North-South Center Line of Sec. 31-44-8 as measured on 1/4 corners N138°56'E

E. Line NW 1/4 Sec. 31-44-8 as Monumented & Occupied

W. Line NE 1/4 Sec. 31-44-8 as Monumented & Occupied

**MONUMENT RECORD**

North 1/4 Corner of Section 31-44-8  
N.2,035,621.908-E.981,067.891  
Recorded March 10, 1999  
Document No. 1999R0018726

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
576+44.48	42.02' Lt.	2,033,972.144	980,113.762
576+54.17	90.12' Lt.	2,033,999.614	980,154.546
576+98.07	70.00' Lt.	2,033,952.239	980,173.138
577+34.88	24.79' Rt.	2,033,860.314	980,129.108
577+37.34	5.11' Lt.	2,033,878.474	980,152.986
577+83.70	2.25' Lt.	2,033,841.392	980,181.189
577+99.72	31.68' Lt.	2,033,847.479	980,214.251
578+35.99	70.00' Lt.	2,033,841.407	980,267.701
579+56.82	28.88' Rt.	2,033,685.371	980,262.160
579+56.82	48.88' Rt.	2,033,673.264	980,246.241
579+56.83	31.12' Lt.	2,033,721.693	980,309.917
579+56.83	51.12' Lt.	2,033,733.800	980,325.836
583+56.65	70.00' Lt.	2,033,427.010	980,582.924
583+56.65	90.00' Lt.	2,033,439.119	980,598.842

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)

SECTION 27RS-6  
PROJECT  
STATION 574+00  
SCALE: 1"=50'

McHENRY COUNTY  
JOB NO. R-91-015-98  
TO STATION 586+00  
SHEET 84 OF B33

RECEIVED  
AUG 02 2011  
PLATS & LEGALS

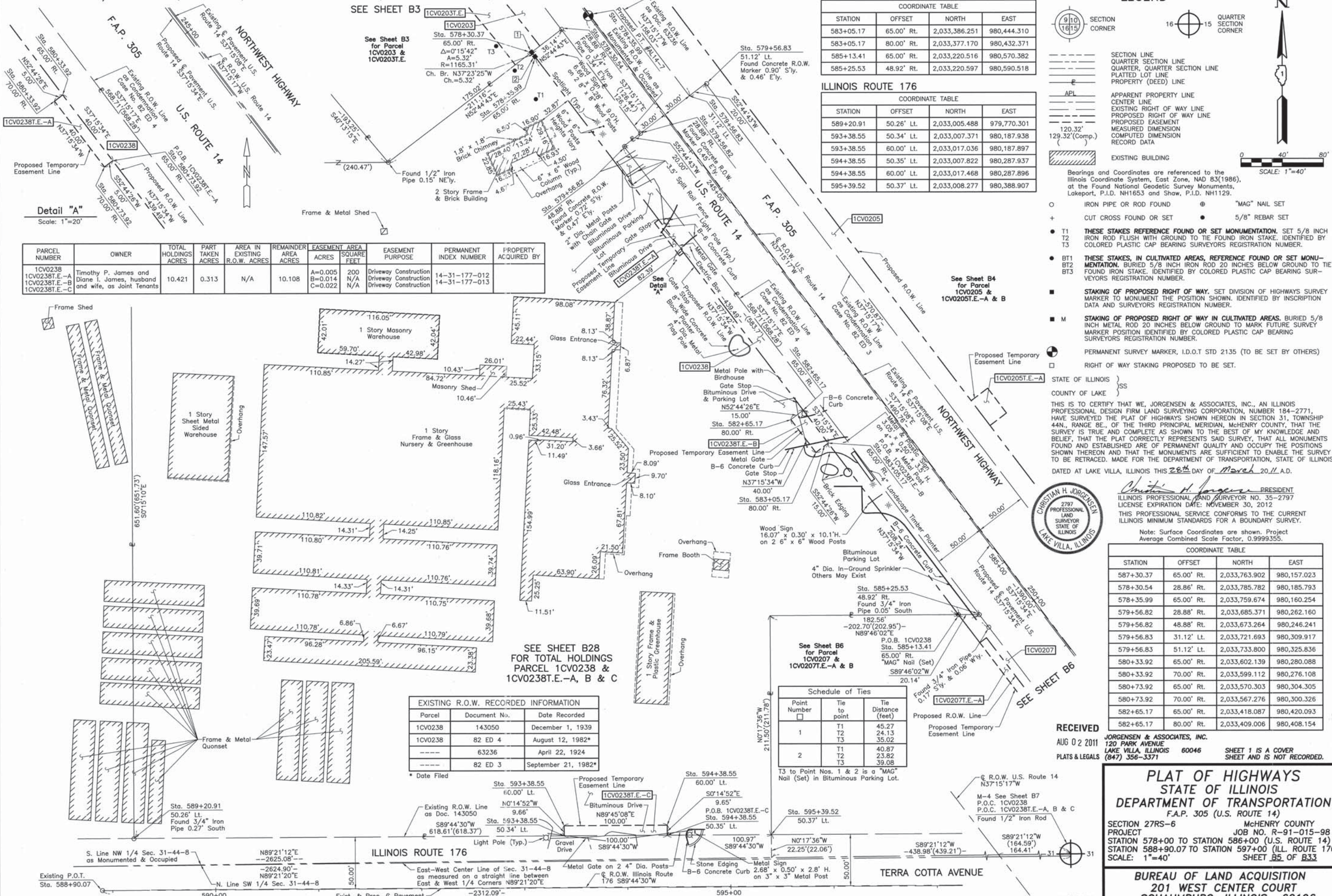
**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

REVISION Added Additional Monument to Parcel 1CV0205  
MADE BY

PART OF THE NW 1/4 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

SEE SHEET B4

SEE SHEET B3



COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
583+05.17	65.00' Rt.	2,033,386.251	980,444.310
583+05.17	80.00' Rt.	2,033,377.170	980,432.371
585+13.41	65.00' Rt.	2,033,220.516	980,570.382
585+25.53	48.92' Rt.	2,033,220.597	980,590.518

ILLINOIS ROUTE 176			
STATION	OFFSET	NORTH	EAST
589+20.91	50.26' Lt.	2,033,005.488	979,770.301
593+38.55	50.34' Lt.	2,033,007.371	980,187.938
593+38.55	60.00' Lt.	2,033,017.036	980,187.897
594+38.55	50.35' Lt.	2,033,007.822	980,287.937
594+38.55	60.00' Lt.	2,033,017.468	980,287.896
595+39.52	50.37' Lt.	2,033,008.277	980,388.907

**LEGEND**

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

0 40' 80'  
SCALE: 1"=40'

Detail "A"  
Scale: 1"=20'

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0238	Timothy P. James and Diane I. James, husband and wife, as Joint Tenants	10.421	0.313	N/A	10.108	A=0.005 B=0.014 C=0.022	Driveway Construction Driveway Construction Driveway Construction	14-31-177-012 14-31-177-013	

STATE OF ILLINOIS }  
COUNTY OF LAKE }  
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 28th DAY of March 20 11 A.D.



*Christian H. Jorgensen* PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
587+30.37	65.00' Rt.	2,033,763.902	980,157.023
578+30.54	28.86' Rt.	2,033,785.782	980,185.793
578+35.99	65.00' Rt.	2,033,759.674	980,160.254
579+56.82	28.88' Rt.	2,033,685.371	980,262.160
579+56.82	48.88' Rt.	2,033,673.264	980,246.241
579+56.83	31.12' Lt.	2,033,721.693	980,309.917
579+56.83	51.12' Lt.	2,033,733.800	980,325.836
580+33.92	65.00' Rt.	2,033,602.139	980,280.088
580+33.92	70.00' Rt.	2,033,599.112	980,276.108
580+73.92	65.00' Rt.	2,033,570.303	980,304.305
580+73.92	70.00' Rt.	2,033,567.276	980,300.326
582+65.17	65.00' Rt.	2,033,418.087	980,420.093
582+65.17	80.00' Rt.	2,033,409.006	980,408.154

RECEIVED  
AUG 02 2011  
PLATS & LEGALS  
JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371  
SHEET 1 IS A COVER  
SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)  
SECTION 27RS-6 McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 578+00 TO STATION 586+00 (U.S. ROUTE 14)  
STATION 588+90.07 TO STATION 597+00 (ILL. ROUTE 176)  
SCALE: 1"=40' SHEET 85 OF 833

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196  
AS DOCUMENT NO. 192 OF 431

DATE	BY

EXISTING R.O.W. RECORDED INFORMATION			
Parcel	Document No.	Date Recorded	
1CV0238	143050	December 1, 1939	
1CV0238	82 ED 4	August 12, 1982*	
---	63236	April 22, 1924	
---	82 ED 3	September 21, 1982*	

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	45.27
	T2	24.13
	T3	35.02
2	T1	40.87
	T2	23.82
	T3	39.08

T3 to Point Nos. 1 & 2 is a "MAG" Nail (Set) in Bituminous Parking Lot.

SEE SHEET B5

SEE SHEET B7

LEGEND

SECTION CORNER 9 10 16 15

QUARTER SECTION CORNER 16 15

SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE  
C.L. CENTER LINE  
E.W.L. EXISTING RIGHT OF WAY LINE  
P.W.L. PROPOSED RIGHT OF WAY LINE  
E.E. EXISTING EASEMENT  
P.E. PROPOSED EASEMENT  
M.D. MEASURED DIMENSION  
C.D. COMPUTED DIMENSION  
R.D. RECORD DATA

EXISTING BUILDING

0 20' 40'

SCALE: 1"=20'

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

○ IRON PIPE OR ROD FOUND      ⊕ "MAG" NAIL SET  
+ CUT CROSS FOUND OR SET      ● 5/8" REBAR SET

● 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 SURVEYORS REGISTRATION NUMBER.  
● T2  
● T3

● BT1 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 SURVEYORS REGISTRATION NUMBER.  
● BT2  
● BT3

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1CV0207	143050	December 1, 1939
1CV0207	82 ED 4	August 12, 1982*
1CV0207	82 ED 5	August 12, 1982*
-----	143045	December 1, 1939
-----	143047	December 1, 1939
-----	82 ED 4	August 12, 1982*
-----	82 ED 7	August 12, 1982*

\* Date Filed

Schedule of Ties

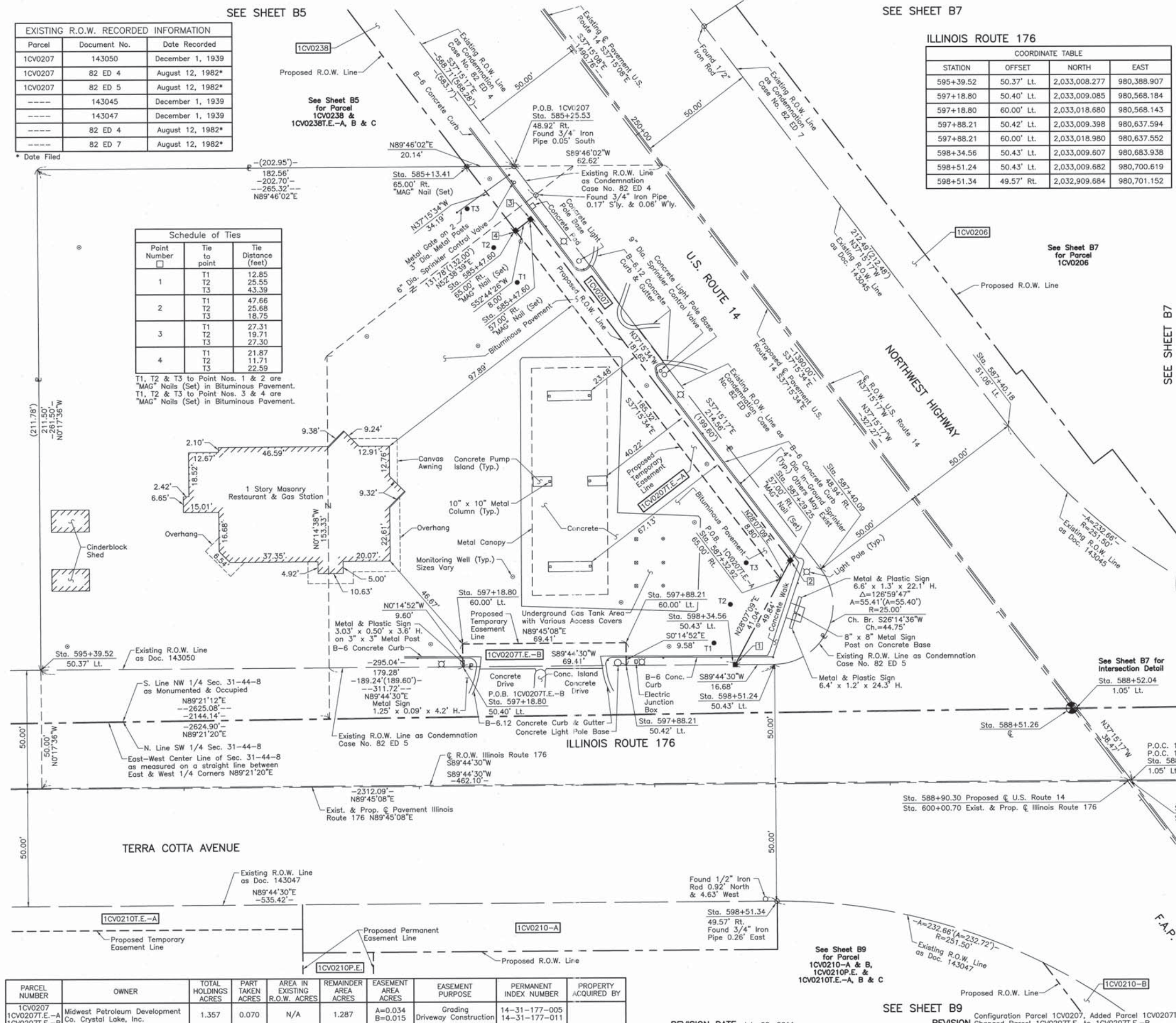
Point Number	Tie to point	Tie Distance (feet)
1	T1	12.85
	T2	25.55
	T3	43.39
2	T1	47.66
	T2	25.68
	T3	18.75
3	T1	27.31
	T2	19.71
	T3	27.30
4	T1	21.87
	T2	11.71
	T3	22.59

T1, T2 & T3 to Point Nos. 1 & 2 are "MAG" Nails (Set) in Bituminous Pavement.  
T1, T2 & T3 to Point Nos. 3 & 4 are "MAG" Nails (Set) in Bituminous Pavement.

ILLINOIS ROUTE 176

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
595+39.52	50.37' Lt.	2,033,008.277	980,388.907
597+18.80	50.40' Lt.	2,033,009.085	980,568.184
597+18.80	60.00' Lt.	2,033,018.680	980,568.143
597+88.21	50.42' Lt.	2,033,009.398	980,637.594
597+88.21	60.00' Lt.	2,033,018.980	980,637.552
598+34.56	50.43' Lt.	2,033,009.607	980,683.938
598+51.24	50.43' Lt.	2,033,009.682	980,700.619
598+51.34	49.57' Rt.	2,032,909.684	980,701.152



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
585+13.41	65.00' Rt.	2,033,220.516	980,570.382
585+25.53	48.92' Rt.	2,033,220.597	980,590.518
585+47.60	57.00' Rt.	2,033,198.144	980,597.451
585+47.60	65.00' Rt.	2,033,193.301	980,591.084
587+29.25	57.00' Rt.	2,033,053.566	980,707.429
587+32.92	65.00' Rt.	2,033,045.804	980,703.281
587+40.09	48.94' Rt.	2,033,049.816	980,720.405
587+40.18	51.06' Lt.	2,033,110.287	980,800.050
588+51.26	€	2,032,990.966	980,826.664
588+52.04	1.05' Lt.	2,032,990.981	980,827.970
588+90.51	1.05' Lt.	2,032,960.361	980,851.259



THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 22<sup>ND</sup> DAY OF March 20 11 A.D.

*Christian H. Jorgensen* PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.

DATE	BY

MADE CHECKED INKED

ROW PLAT NOTEBOOK NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0207	Midwest Petroleum Development Co. Crystal Lake, Inc.	1.357	0.070	N/A	1.287	A=0.034	Grading Driveway Construction	14-31-177-005	
1CV0207T.E.-A						B=0.015		14-31-177-011	
1CV0207T.E.-B									

REVISION DATE July 22, 2011

SEE SHEET B9

Configuration Parcel 1CV0207, Added Parcel 1CV0207T.E.-A, 1CV0210P.E. & 1CV0210T.E.-A, B & C

MADE BY

RECEIVED AUG 02 2011

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

SHEET 1 IS A COVER PLATS & LEGAL SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)

SECTION 27RS-6 McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 585+00 TO STATION 590+00 (U.S. ROUTE 14)  
STATION 595+00 TO STATION 601+00 (ILL. ROUTE 176)  
SCALE: 1"=20' SHEET 66 OF 833

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PART OF THE NORTH 1/2 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0206	North Star Trust Company, successor to MB Financial Bank, successor to First National Bank of Morton Grove, as Trustee under trust agreement dated the 1st day of March, 1989, known as Trust Number 89100	1.704	0.133	N/A	1.571	N/A	N/A	14-31-180-004	

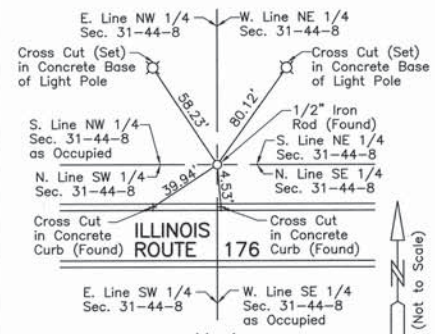
Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	24.96 18.11 25.05
2	T1 T2 T3	38.66 32.43 36.91
3	T1 T2 T3	36.14 29.43 34.38
4	T1 T2 T3	30.15 22.97 42.15
5	T1 T2 T3	22.40 12.78 37.84
6	T1 T2 T3	31.89 21.52 28.69

EXISTING R.O.W. RECORDED INFORMATION

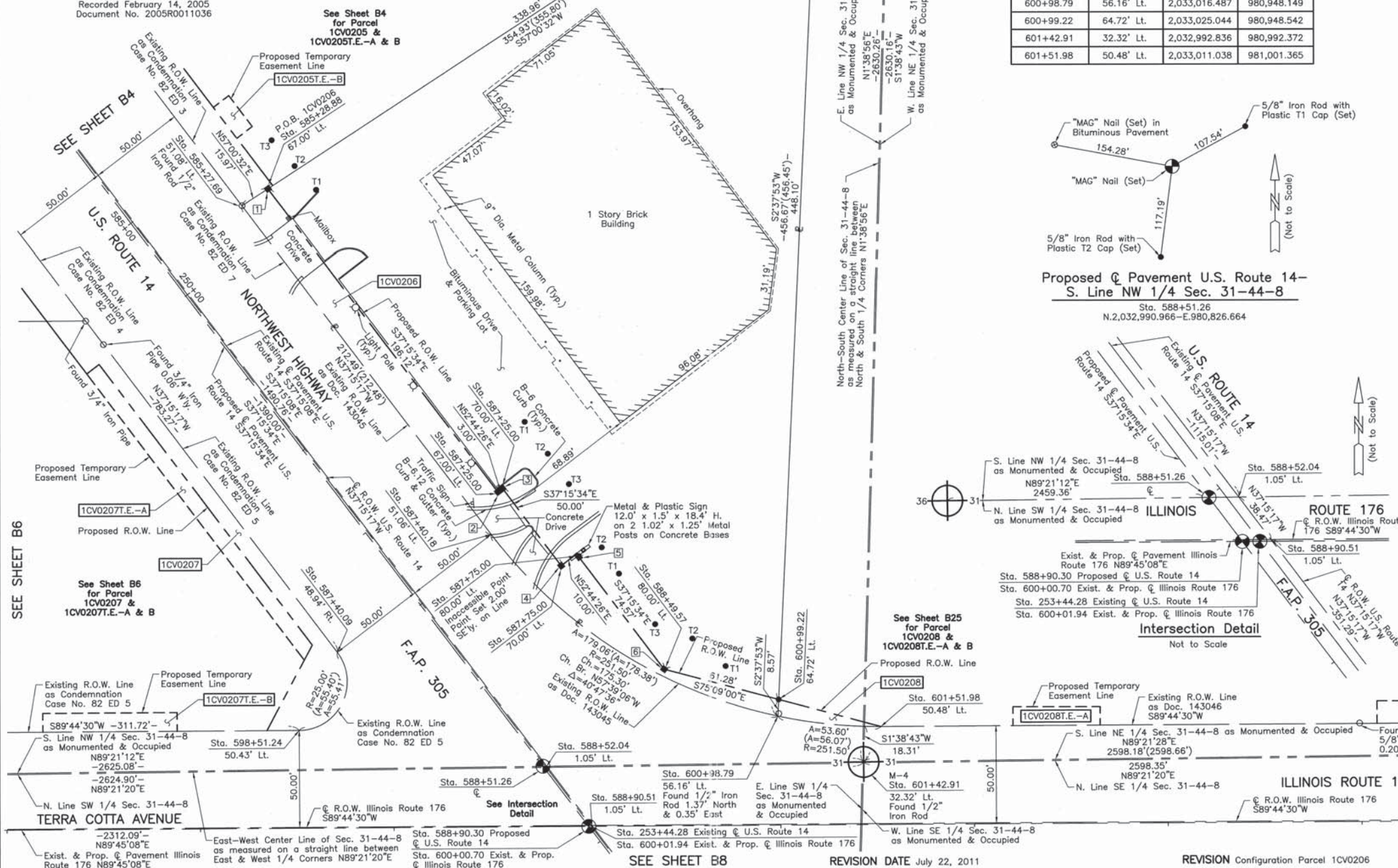
Parcel	Document No.	Date Recorded
1CV0206	143045	December 1, 1939
1CV0206	82 ED 7	August 12, 1982*
-----	143046	December 1, 1939
-----	82 ED 4	August 12, 1982*
-----	82 ED 5	August 12, 1982*
-----	82 ED 3	September 21, 1982*

\* Date Filed



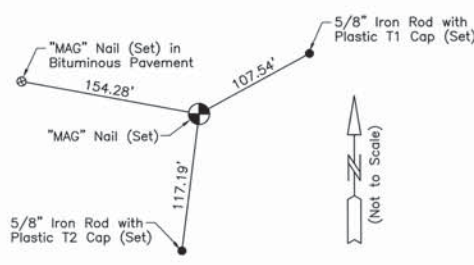
**M-4 "Monument Record"**  
Center of Section 31-44-8  
N. 2,032,992.836 - E. 980,992.372  
Recorded February 14, 2005  
Document No. 2005R0011036

T1, T2 & T3 to Point Nos. 2 & 3 are "MAG" Nails (Set) in Bituminous Drive & Parking Lot.  
T3 to Point Nos. 4 & 5 is a "MAG" Nail (Set) in Bituminous Drive.

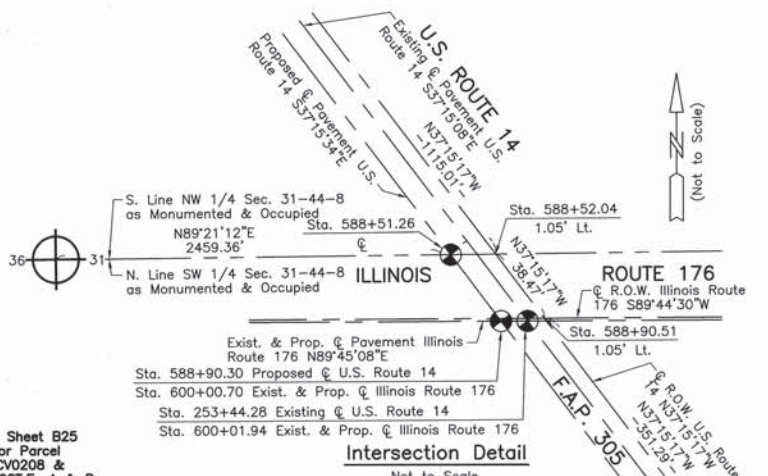


ILLINOIS ROUTE 176 COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
598+51.24	50.43' Lt.	2,033,009.682	980,700.619
600+98.79	56.16' Lt.	2,033,016.487	980,948.149
600+99.22	64.72' Lt.	2,033,025.044	980,948.542
601+42.91	32.32' Lt.	2,032,992.836	980,992.372
601+51.98	50.48' Lt.	2,033,011.038	981,001.365



Proposed Q Pavement U.S. Route 14 - S. Line NW 1/4 Sec. 31-44-8  
Sta. 588+51.26  
N. 2,032,990.966 - E. 980,826.664



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- BEARINGS AND COORDINATES REFERENCED TO THE ILLINOIS COORDINATE SYSTEM, EAST ZONE, NAD 83 (1986), AT THE FOUR NATIONAL GEODETIC SURVEY MONUMENTS, LAKEPORT, P.I.D. NH1653 AND SHAW, P.I.D. NH1129.
- O IRON PIPE OR ROD FOUND
- MAG NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- 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 SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- B1 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 SURVEYORS REGISTRATION NUMBER.
- B2
- B3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS 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 LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 28th DAY OF March 2011 A.D.

*Christian H. Jorgensen* PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
585+27.69	51.08' Lt.	2,033,279.419	980,671.417
585+28.88	67.00' Lt.	2,033,288.114	980,684.811
587+25.00	67.00' Lt.	2,033,132.024	980,803.545
587+25.00	70.00' Lt.	2,033,133.840	980,805.933
587+40.09	48.94' Rt.	2,033,049.816	980,720.405
587+40.18	51.06' Lt.	2,033,110.287	980,800.050
587+75.00	70.00' Lt.	2,033,094.045	980,836.204
587+75.00	80.00' Lt.	2,033,100.100	980,844.163
588+49.57	80.00' Lt.	2,033,040.749	980,889.310
588+51.26	67.00' Lt.	2,032,990.966	980,826.664
588+52.04	1.05' Lt.	2,032,990.981	980,827.970
588+90.51	1.05' Lt.	2,032,960.361	980,851.259

RECEIVED  
AUG 02 2011  
JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

PLATS & LEGALS  
SHEET 1 IS A COVER  
SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)**

SECTION 27RS-6 McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 585+00 TO STATION 589+00 (U.S. ROUTE 14)  
STATION 597+00 TO STATION 604+00 (ILL. ROUTE 176)  
SCALE: 1"=30' SHEET B7 OF B33

**BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196**

PART OF THE SOUTH 1/2 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0209	RDK Ventures LLC, a Delaware Limited Liability Company	0.986	0.065	N/A	0.921	A=0.030 B=0.014 C=0.046	Driveway Construction Driveway Construction Driveway Construction	14-31-401-020	

### LEGEND

SECTION CORNER: 910, 1615  
QUARTER SECTION CORNER: 16, 15

SECTION LINE  
QUARTER SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE  
CL CENTER LINE  
EXL EXISTING RIGHT OF WAY LINE  
PROL PROPOSED RIGHT OF WAY LINE  
PEL PROPOSED EASEMENT LINE  
ML MEASURED DIMENSION  
CLD COMPUTED DIMENSION  
RDL RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

○ IRON PIPE OR ROD FOUND      ⊙ "MAG" NAIL SET  
+ CUT CROSS FOUND OR SET      ● 5/8" REBAR SET

● 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 SURVEYORS REGISTRATION NUMBER.  
● T2  
● T3

● BT1 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 SURVEYORS REGISTRATION NUMBER.  
● BT2  
● BT3

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

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS 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 LAKE } SS

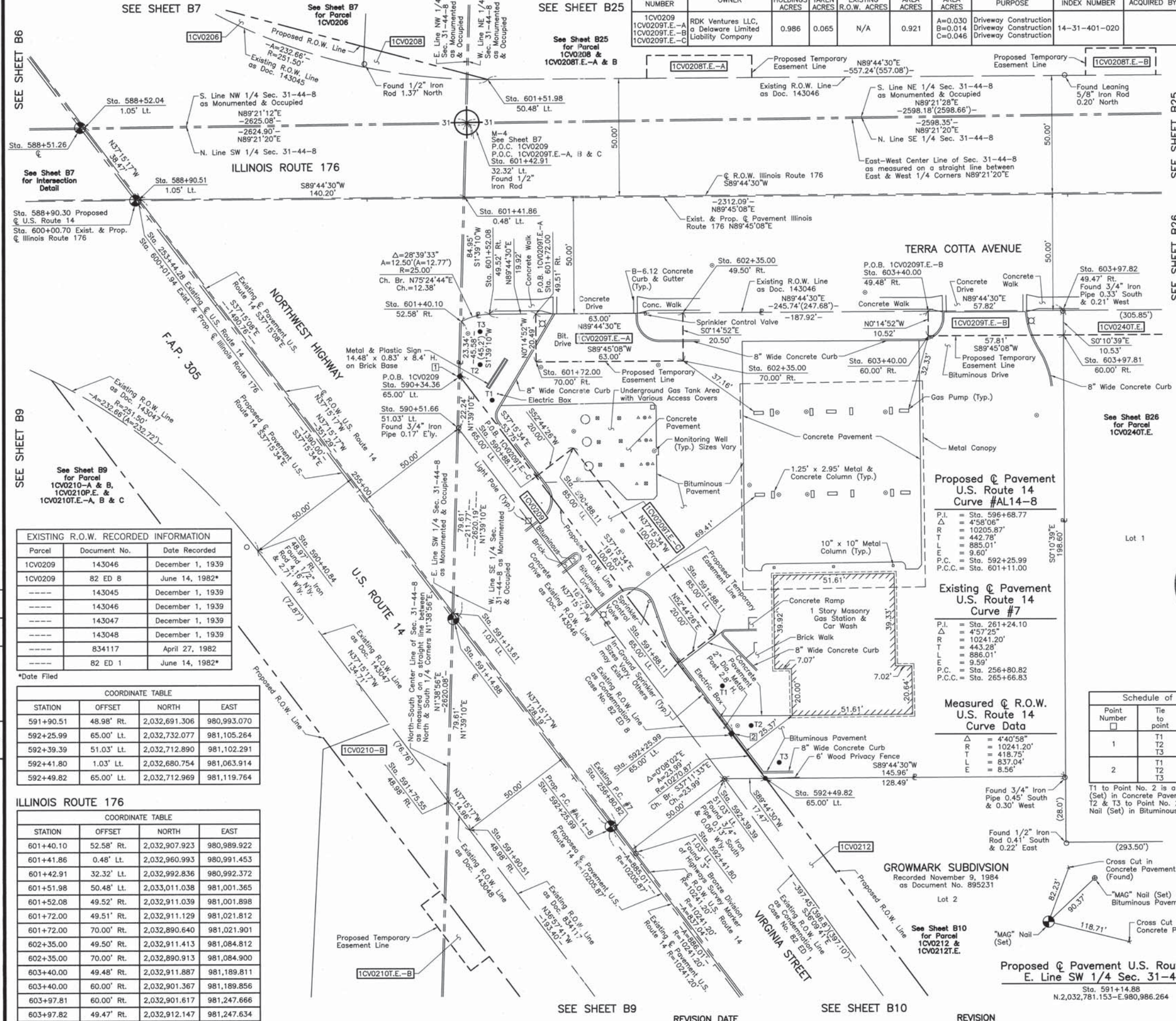
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE 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 LAKE VILLA, ILLINOIS THIS 28th DAY OF March 2011 A.D.

*Christina H. Jorgensen* PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.



#### EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1CV0209	143046	December 1, 1939
1CV0209	82 ED 8	June 14, 1982*
-----	143045	December 1, 1939
-----	143046	December 1, 1939
-----	143047	December 1, 1939
-----	143048	December 1, 1939
-----	834117	April 27, 1982
-----	82 ED 1	June 14, 1982*

\*Date Filed

#### COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
591+90.51	48.98' Rt.	2,032,691.306	980,993.070
592+25.99	65.00' Lt.	2,032,732.077	981,105.264
592+39.39	51.03' Lt.	2,032,712.890	981,102.291
592+41.80	1.03' Lt.	2,032,680.754	981,063.914
592+49.82	65.00' Lt.	2,032,712.969	981,119.764

#### ILLINOIS ROUTE 176

STATION	OFFSET	NORTH	EAST
601+40.10	52.58' Rt.	2,032,907.923	980,989.922
601+41.86	0.48' Lt.	2,032,960.993	980,991.453
601+42.91	32.32' Lt.	2,032,992.836	980,992.372
601+51.98	50.48' Lt.	2,033,011.038	981,001.365
601+52.08	49.52' Rt.	2,032,911.039	981,001.898
601+72.00	49.51' Rt.	2,032,911.129	981,021.812
601+72.00	70.00' Rt.	2,032,890.640	981,021.901
602+35.00	49.50' Rt.	2,032,911.413	981,084.812
602+35.00	70.00' Rt.	2,032,890.913	981,084.900
603+40.00	49.48' Rt.	2,032,911.887	981,189.811
603+40.00	60.00' Rt.	2,032,901.367	981,189.856
603+97.81	60.00' Rt.	2,032,901.617	981,247.666
603+97.82	49.47' Rt.	2,032,912.147	981,247.634

**Proposed Pavement U.S. Route 14 Curve #AL14-8**

P.I. = Sta. 596+68.77  
 Δ = 4°58'06"  
 R = 10205.87'  
 T = 442.78'  
 L = 885.01'  
 E = 9.60'  
 P.C. = Sta. 592+25.99  
 P.C.C. = Sta. 601+11.00

**Existing Pavement U.S. Route 14 Curve #7**

P.I. = Sta. 261+24.10  
 Δ = 4°57'25"  
 R = 10241.20'  
 T = 443.28'  
 L = 886.01'  
 E = 9.59'  
 P.C. = Sta. 256+80.82  
 P.C.C. = Sta. 265+66.83

**Measured Pavement U.S. Route 14 Curve Data**

Δ = 4°40'58"  
 R = 10241.20'  
 T = 418.75'  
 L = 837.04'  
 E = 8.56'

#### Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	17.12
	T2	10.00
	T3	20.94
2	T1	20.72
	T2	9.12
	T3	23.87

T1 to Point No. 2 is a Cross Cut (Set) in Concrete Pavement.  
 T2 & T3 to Point No. 2 are a "MAG" Nail (Set) in Bituminous Pavement.

#### COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
588+51.26	€	2,032,990.966	980,826.664
588+52.05	1.05' Lt.	2,032,990.981	980,827.970
588+90.51	1.05' Lt.	2,032,960.361	980,851.259
590+34.36	65.00' Lt.	2,032,884.592	980,989.249
590+40.84	48.97' Rt.	2,032,810.434	980,902.467
590+51.66	51.03' Lt.	2,032,862.365	980,988.607
590+88.11	65.00' Lt.	2,032,841.813	981,021.790
590+88.11	85.00' Lt.	2,032,853.922	981,037.708
591+13.61	1.03' Lt.	2,032,782.789	980,986.311
591+14.88	€	2,032,781.153	980,986.264
591+75.55	48.98' Rt.	2,032,703.212	980,984.015
591+88.11	65.00' Lt.	2,032,762.223	981,082.332
591+88.11	85.00' Lt.	2,032,774.332	981,098.250

RECEIVED  
 MAR 31 2011  
 PLATS & LEGALS  
 JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 F.A.P. 305 (U.S. ROUTE 14)

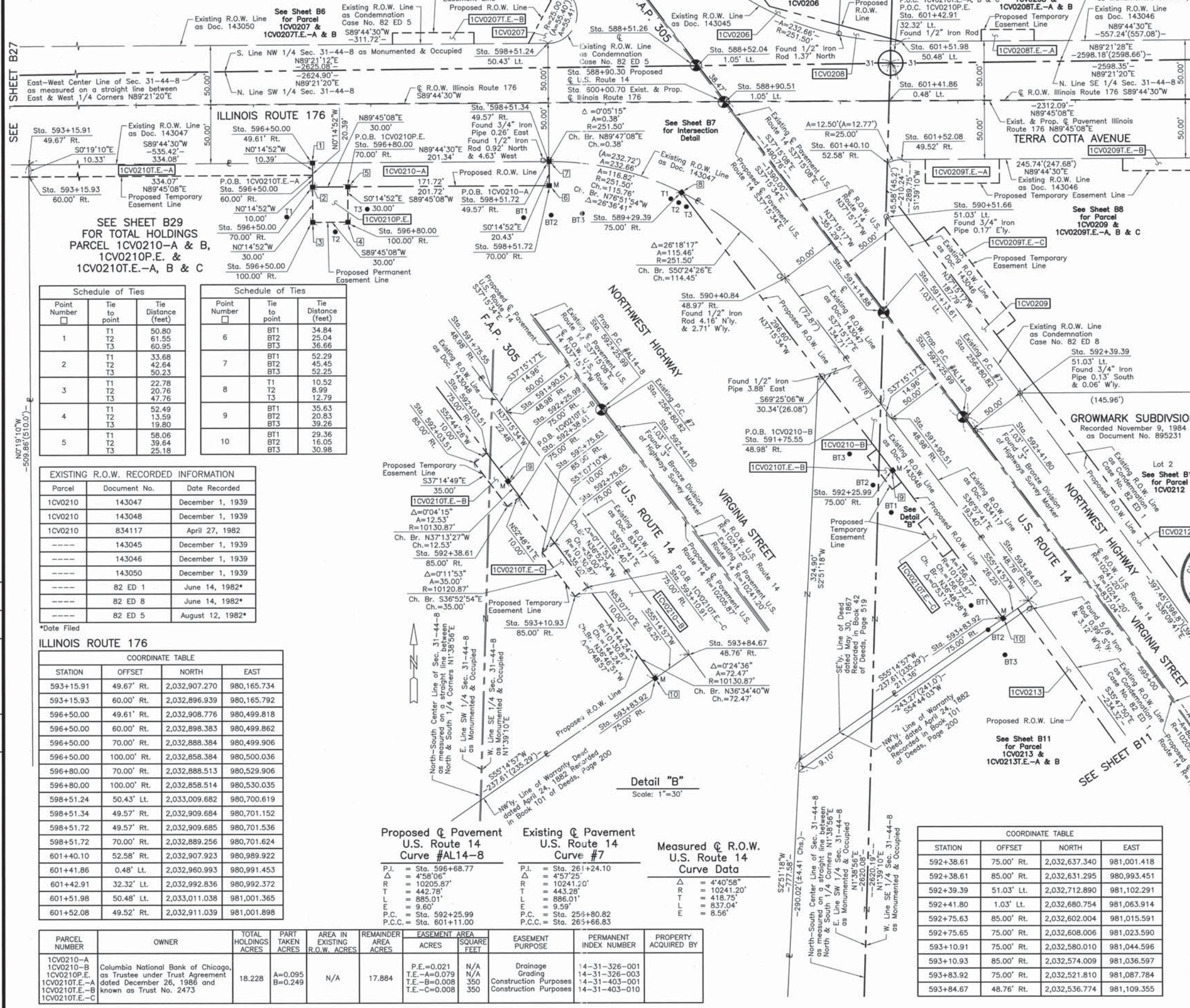
SECTION 27RS-6 McHENRY COUNTY  
 PROJECT JOB NO. R-91-015-98  
 STATION 588+00 TO STATION 593+00 (U.S. ROUTE 14)  
 STATION 600+00 TO STATION 604+00 (ILL. ROUTE 176)  
 SCALE: 1"=20' SHEET 88 OF 833

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

DATE	BY

ROW PLAT	MADE	CHECKED	INKED	NOTEBOOK NO.

PART OF THE SOUTH 1/2 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M.,  
IN McHENRY COUNTY, ILLINOIS.



### LEGEND

SECTION CORNER  
16 15  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
APPARENT PROPERTY LINE  
CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1219.

0 IRON PIPE OR ROD FOUND  
+ CUT CROSS FOUND OR SET  
● 5/8" REBAR SET

● 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 SURVEYORS REGISTRATION NUMBER.

● T2  
● T3

● BT1 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 SURVEYORS REGISTRATION NUMBER.

● BT2  
● BT3

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

0 40' 80'  
SCALE: 1"=40'

#### Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	50.80
	T2	61.55
	T3	60.95
2	T1	33.68
	T2	42.64
	T3	50.23
3	T1	22.78
	T2	20.76
	T3	47.76
4	T1	52.49
	T2	13.59
	T3	19.80
5	T1	58.06
	T2	39.64
	T3	25.18

#### Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
6	BT1	34.84
	BT2	25.04
	BT3	36.66
7	BT1	52.29
	BT2	45.45
	BT3	52.25
8	T1	10.52
	T2	8.99
	T3	12.79
9	BT1	35.63
	BT2	20.83
	BT3	39.26
10	BT1	29.36
	BT2	16.05
	BT3	30.98

#### EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1CV0210	143047	December 1, 1939
1CV0210	143048	December 1, 1939
1CV0210	834117	April 27, 1982
----	143045	December 1, 1939
----	143046	December 1, 1939
----	143050	December 1, 1939
----	82 ED 1	June 14, 1982*
----	82 ED 8	June 14, 1982*
----	82 ED 5	August 12, 1982*

\*Date Filed

#### ILLINOIS ROUTE 176

##### COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
593+15.91	49.67' Rt.	2,032,907.270	980,165.734
593+15.93	60.00' Rt.	2,032,896.939	980,165.792
596+50.00	49.61' Rt.	2,032,908.776	980,499.818
596+50.00	60.00' Rt.	2,032,898.383	980,499.862
596+50.00	70.00' Rt.	2,032,888.384	980,499.906
596+50.00	100.00' Rt.	2,032,858.384	980,500.036
596+80.00	70.00' Rt.	2,032,888.513	980,529.906
596+80.00	100.00' Rt.	2,032,858.514	980,530.035
598+51.24	50.43' Lt.	2,033,009.682	980,700.619
598+51.34	49.57' Rt.	2,032,909.684	980,701.152
598+51.72	49.57' Rt.	2,032,909.685	980,701.536
598+51.72	70.00' Rt.	2,032,889.256	980,701.624
601+40.10	52.58' Rt.	2,032,907.923	980,989.922
601+41.86	0.48' Lt.	2,032,960.993	980,991.453
601+42.91	32.32' Lt.	2,032,992.836	980,992.372
601+51.98	50.48' Lt.	2,033,011.038	981,001.365
601+52.08	49.52' Rt.	2,032,911.039	981,001.898

#### Proposed Pavement U.S. Route 14 Curve #AL14-8

P.I.	Sta.	Value
P.I.	Sta. 596+68.77	261+24.10
Δ	4°58'06"	4°57'25"
R	10205.87'	10241.20'
T	442.78'	443.28'
L	885.01'	886.01'
E	9.60'	9.59'
P.C.C.	Sta. 592+25.99	Sta. 259+80.82
P.C.C.	Sta. 601+11.00	Sta. 265+66.83

#### Existing Pavement U.S. Route 14 Curve #7

P.I.	Sta.	Value
P.I.	Sta. 261+24.10	261+24.10
Δ	4°57'25"	4°58'06"
R	10241.20'	10205.87'
T	443.28'	442.78'
L	886.01'	885.01'
E	9.59'	9.60'
P.C.C.	Sta. 259+80.82	Sta. 601+11.00
P.C.C.	Sta. 265+66.83	Sta. 592+25.99

#### Measured R.O.W. U.S. Route 14 Curve Data

Δ	R	T	L	E
Δ	4°40'58"	442.78'	885.01'	9.60'
R	10241.20'	443.28'	886.01'	9.59'
T	443.28'	442.78'	885.01'	9.60'
L	885.01'	886.01'	885.01'	9.59'
E	9.59'	9.60'	9.59'	9.60'

#### COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
588+51.26	0	2,032,990.966	980,826.664
588+52.04	1.05' Lt.	2,032,990.981	980,827.970
588+90.51	1.05' Lt.	2,032,960.361	980,851.259
589+29.39	75.00' Rt.	2,032,883.378	980,814.271
590+40.84	48.97' Rt.	2,032,810.434	980,902.467
590+51.66	51.03' Lt.	2,032,862.365	980,988.607
591+13.61	1.03' Lt.	2,032,782.789	980,986.311
591+14.88	0	2,032,781.153	980,986.284
591+75.55	48.98' Rt.	2,032,703.212	980,984.015
591+90.51	48.98' Rt.	2,032,691.306	980,993.070
592+03.51	75.00' Rt.	2,032,665.207	980,980.230
592+03.51	85.00' Rt.	2,032,659.152	980,972.271
592+25.99	75.00' Rt.	2,032,647.317	980,993.838

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

SHEET 1 IS A COVER  
SHEET AND IS NOT RECORDED.

### PLAT OF HIGHWAYS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)

SECTION 27RS-6 McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 588+00 TO STATION 595+00 (U.S. ROUTE 14)  
STATION 593+00 TO STATION 604+00 (ILL. ROUTE 176)  
SCALE: 1"=40' SHEET 89 OF 833

RECEIVED  
AUG 02 2011  
PLATS & LEGALS

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196

DATE	BY	MADE	CHECKED	INDEXED



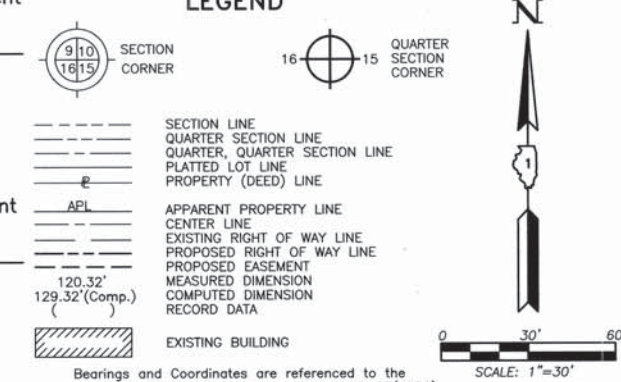
PART OF THE SE 1/4 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

SEE SHEET B9 SEE SHEET B8

See Sheet B8 for Parcel 1CV0209 & 1CV0209T.E.-A, B & C

Proposed Pavement U.S. Route 14 Curve #AL14-8

LEGEND



P.I. = Sta. 596+68.77  
 $\Delta$  = 4°58'06"  
 R = 10205.87'  
 T = 442.78'  
 L = 885.01'  
 E = 9.60'  
 P.C. = Sta. 592+25.99  
 P.C.C. = Sta. 601+11.00

Existing Pavement U.S. Route 14 Curve #7

P.I. = Sta. 261+24.10  
 $\Delta$  = 4°57'25"  
 R = 10241.20'  
 T = 443.28'  
 L = 886.01'  
 E = 9.59'  
 P.C. = Sta. 256+80.82  
 P.C.C. = Sta. 265+66.83

Measured R.O.W. U.S. Route 14 Curve Data

$\Delta$  = 4°40'58"  
 R = 10241.20'  
 T = 418.75'  
 L = 837.04'  
 E = 8.56'

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- 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 SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

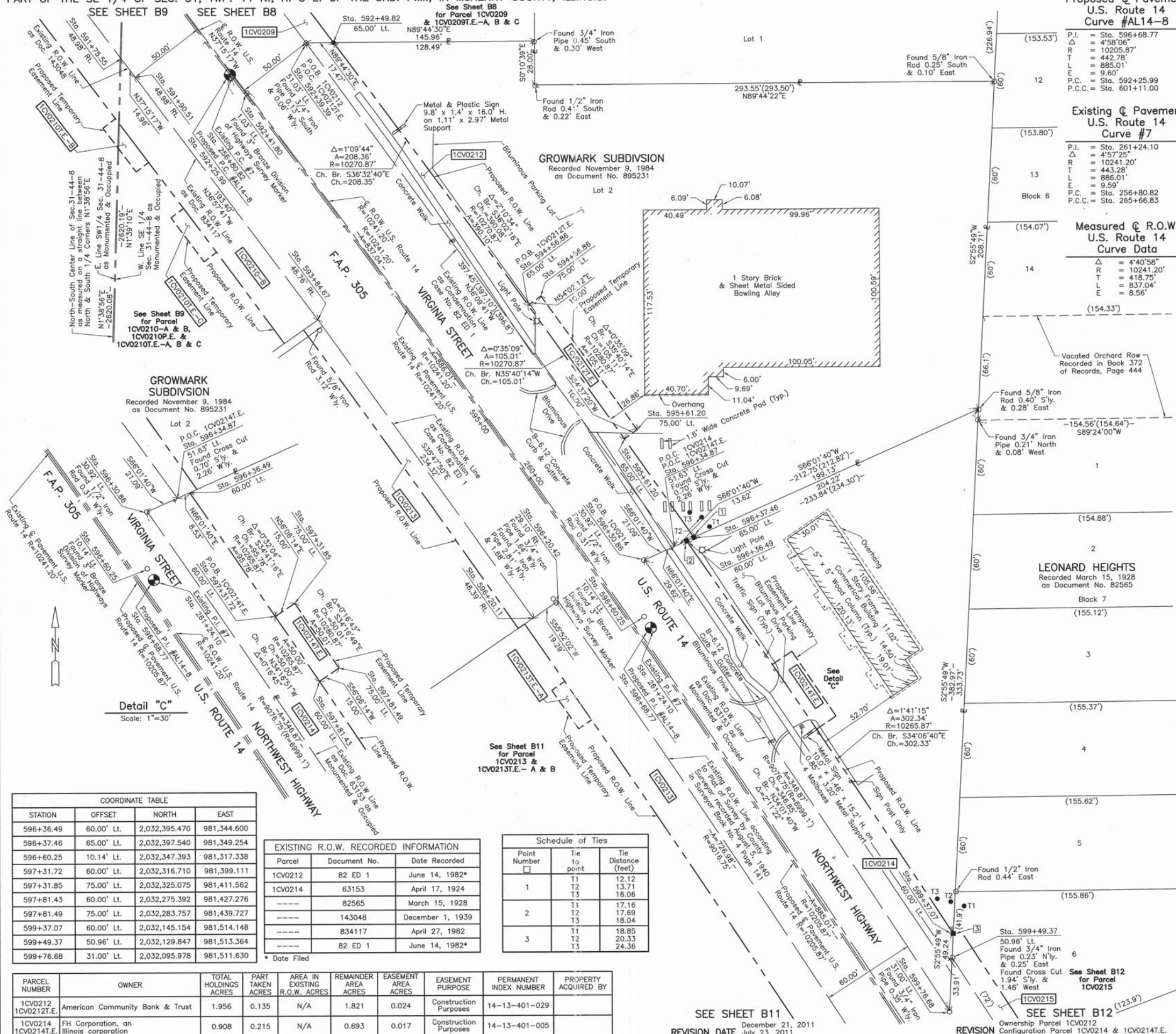
STATE OF ILLINOIS }  
 COUNTY OF LAKE } SS  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 29th DAY OF March 2011 A.D.

Christian H. Jorgensen PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are shown, Project Average Combined Scale Factor, 0.9999355.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
591+75.55	48.98' Rt.	2,032,703.212	980,984.015
591+90.51	48.98' Rt.	2,032,691.306	980,993.070
592+39.39	51.03' Lt.	2,032,712.890	981,102.291
592+41.80	1.03' Lt.	2,032,680.754	981,063.914
592+49.82	65.00' Lt.	2,032,712.969	981,119.764
593+84.67	48.76' Rt.	2,032,536.774	981,109.355
594+56.86	65.00' Lt.	2,032,545.579	981,243.827
594+56.86	75.00' Lt.	2,032,551.452	981,251.921
594+61.20	65.00' Lt.	2,032,460.276	981,305.058
595+61.20	75.00' Lt.	2,032,466.065	981,313.211
596+20.11	48.39' Rt.	2,032,346.722	981,246.411
596+20.42	29.10' Rt.	2,032,357.548	981,262.381
596+30.86	30.92' Lt.	2,032,383.436	981,317.536
596+34.87	51.63' Lt.	2,032,392.007	981,336.810

RECEIVED DEC 27 2011 PLATS & LEGALS  
 JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371  
 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 F.A.P. 305 (U.S. ROUTE 14)  
 SECTION 27RS-6 McHENRY COUNTY  
 PROJECT JOB NO. R-91-015-98  
 STATION 591+00 TO STATION 600+00  
 SCALE: 1"=30' SHEET B10 OF B33  
**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196



GROWMARK SUBDIVISION  
 Recorded November 9, 1984  
 as Document No. 895231

Detail "C"  
 Scale: 1"=30'

STATION	OFFSET	NORTH	EAST
596+36.49	60.00' Lt.	2,032,395.470	981,344.600
596+37.46	65.00' Lt.	2,032,397.540	981,349.254
596+60.25	10.14' Lt.	2,032,347.393	981,317.338
597+31.72	60.00' Lt.	2,032,316.710	981,399.111
597+31.85	75.00' Lt.	2,032,325.075	981,411.562
597+81.43	60.00' Lt.	2,032,275.392	981,427.276
597+81.49	75.00' Lt.	2,032,283.757	981,439.727
599+37.07	60.00' Lt.	2,032,145.154	981,514.148
599+49.37	50.96' Lt.	2,032,129.847	981,513.364
599+76.68	31.00' Lt.	2,032,095.978	981,511.630

EXISTING R.O.W. RECORDED INFORMATION			
Parcel	Document No.	Date Recorded	
1CV0212	82 ED 1	June 14, 1982*	
1CV0214	63153	April 17, 1924	
-----	82565	March 15, 1928	
-----	143048	December 1, 1939	
-----	834117	April 27, 1982	
-----	82 ED 1	June 14, 1982*	

Schedule of Ties			
Point Number	Tie to point	Tie Distance (feet)	
1	T1	12.12	
	T2	13.71	
	T3	16.06	
2	T1	17.16	
	T2	17.69	
	T3	18.04	
3	T1	18.85	
	T2	20.33	
	T3	24.36	

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0212 1CV0212T.E.	American Community Bank & Trust	1.956	0.135	N/A	1.821	0.024	Construction Purposes	14-13-401-029	
1CV0214 1CV0214T.E.	FH Corporation, an Illinois corporation	0.908	0.215	N/A	0.693	0.017	Construction Purposes	14-13-401-005	

ROW PLAY	DATE	BY
MADE		
LINKED		
NOTEBOOK NO.		

SEE SHEET B11  
 REVISION DATE December 21, 2011  
 July 23, 2011

SEE SHEET B12  
 REVISION Ownership Parcel 1CV0212  
 Configuration Parcel 1CV0214 & 1CV0214T.E.

PART OF THE S. 1/2 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

Existing  $\odot$  Pavement  
U.S. Route 14  
Curve #7

P.I. = Sta. 261+24.10  
 $\Delta$  = 4°57'25"  
 R = 10241.20'  
 T = 443.28'  
 L = 886.01'  
 E = 9.59'  
 P.C. = Sta. 256+80.82  
 P.C.C. = Sta. 265+66.83

Existing  $\odot$  Pavement  
U.S. Route 14  
Curve #8

P.I. = Sta. 269+17.24  
 $\Delta$  = 6°20'28"  
 R = 6325.75'  
 T = 350.41'  
 L = 700.11'  
 E = 9.70'  
 P.C. = Sta. 265+66.83  
 P.C.C. = Sta. 272+66.94

Measured  $\odot$  R.O.W.  
U.S. Route 14  
Curve Data

$\Delta$  = 4°40'58"  
 R = 10241.20'  
 T = 418.75'  
 L = 837.04'  
 E = 8.56'

Proposed  $\odot$  Pavement  
U.S. Route 14  
Curve #AL14-8

P.I. = Sta. 596+68.77  
 $\Delta$  = 4°58'06"  
 R = 10205.87'  
 T = 442.78'  
 L = 885.01'  
 E = 9.60'  
 P.C. = Sta. 592+25.99  
 P.C.C. = Sta. 601+11.00

Proposed  $\odot$  Pavement  
U.S. Route 14  
Curve #AL14-9

P.I. = Sta. 604+62.24  
 $\Delta$  = 6°05'28"  
 R = 6601.88'  
 T = 351.24'  
 L = 701.82'  
 E = 9.34'  
 P.C. = Sta. 601+11.00  
 P.C.C. = Sta. 608+12.82

M-6  
"Monument Record"  
South 1/4 Corner of Section 31-44-8  
N. 2,030,373.740 - E. 980,916.804  
Recorded March 28, 2011  
Document No. 2011R0013955

Parcel	Document No.	Date Recorded
1CV0213	82 ED 1	June 14, 1982*
-----	82 ED 1	June 14, 1982*
-----	63153	April 17, 1924
-----	82565	March 15, 1928

\* Date Filed

Point Number	Tie to point	Tie Distance (feet)
1	BT1	39.63
	BT2	31.05
	BT3	40.95
2	BT1	29.32
	BT2	16.08
	BT3	27.58
3	BT1	32.32
	BT2	21.08
	BT3	30.56
4	BT1	32.81
	BT2	15.43
	BT3	31.11

STATION	OFFSET	NORTH	EAST
599+76.68	31.00' Lt.	2,032,095.978	981,511.630
600+21.02	51.03' Lt.	2,032,069.492	981,552.641
600+78.70	2.37' Lt.	2,031,994.559	981,542.848
601+11.00	55.00' Rt.	2,031,936.625	981,511.654
601+65.72	57.36' Lt.	2,031,949.869	981,635.934
601+95.84	65.00' Rt.	2,031,859.980	981,547.622

STATION	OFFSET	NORTH	EAST
601+95.87	55.00' Rt.	2,031,865.191	981,556.156
602+26.12	55.00' Rt.	2,031,839.590	981,571.798
602+26.14	65.00' Rt.	2,031,834.378	981,563.264
602+32.30	53.36' Lt.	2,031,890.555	981,667.829
603+35.17	55.00' Rt.	2,031,746.725	981,627.198
603+49.86	29.09' Lt.	2,031,747.188	981,656.935
603+66.76	1.02' Lt.	2,031,747.725	981,691.442

**LEGEND**

SECTION CORNER (9/10/16/15)  
 QUARTER SECTION CORNER (16/15)

SECTION LINE  
 QUARTER SECTION LINE  
 QUARTER SECTION LINE  
 PLATTED LOT LINE  
 PROPERTY (DEED) LINE

APL  
 APPARENT PROPERTY LINE  
 CENTER LINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED RIGHT OF WAY LINE  
 PROPOSED EASEMENT  
 MEASURED DIMENSION  
 COMPUTED DIMENSION  
 RECORD DATA

120.32'  
 129.32' (Comp.)

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

SCALE: 1"=40'

IRON PIPE OR ROD FOUND  
 CUT CROSS FOUND OR SET  
 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 SURVEYORS 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 SURVEYORS REGISTRATION NUMBER.  
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS 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 LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 29th DAY OF March 2011 A.D.

Christian H. Jorgensen PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.

STATION	OFFSET	NORTH	EAST
593+84.35	60.00' Rt.	2,032,530.364	981,100.114
593+84.67	48.76' Rt.	2,032,536.774	981,109.355
596+19.92	60.00' Rt.	2,032,340.208	981,236.801
596+20.00	55.00' Rt.	2,032,343.014	981,240.940
596+20.11	48.39' Rt.	2,032,346.722	981,246.411
596+20.42	29.10' Rt.	2,032,357.548	981,262.381
596+20.90	0.90' Lt.	2,032,374.384	981,287.218
596+30.86	30.92' Lt.	2,032,383.436	981,317.536
596+34.87	51.63' Lt.	2,032,392.007	981,336.810
596+64.82	65.00' Rt.	2,032,300.759	981,258.246
596+64.84	55.00' Rt.	2,032,306.454	981,266.466
596+95.00	55.00' Rt.	2,032,281.791	981,283.550
596+95.02	65.00' Rt.	2,032,276.096	981,275.330
599+49.37	50.96' Lt.	2,032,129.847	981,513.364

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371

60046 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 305 (U.S. ROUTE 14)  
 SECTION 27RS-6 McHENRY COUNTY  
 PROJECT JOB NO. R-91-015-98  
 STATION 593+00 TO STATION 604+00  
 SCALE: 1"=40' SHEET B11 OF B33

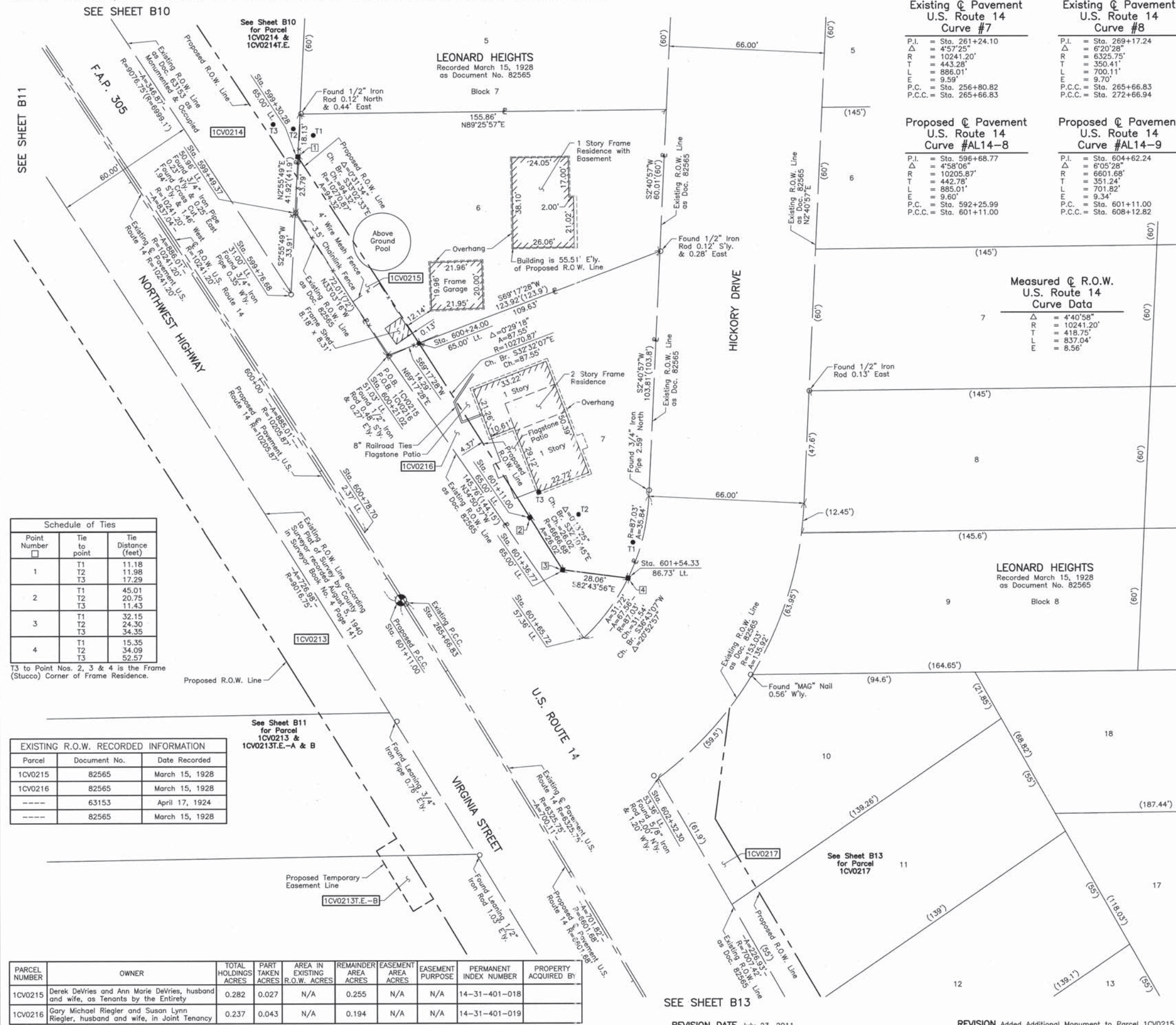
BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

RECEIVED  
 AUG 02-2011  
 PLATS & LEGALS  
 MADE BY

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0213	Harris Trust and Savings Bank, successor to Harris Bank Barrington, as Trustee, under a Trust Agreement dated March 19, 1985 and known as Trust Number 11-3374, formerly known as the First National Bank & Trust Company of Barrington.	9.348	0.993	0.507	8.355	A=0.007 A=0.007	300 300	Construction Purposes Construction Purposes	14-31-403-004 14-31-403-005 14-31-403-006 14-31-403-007 14-31-403-014

BY	DATE	MADE	CHECKED	INKED	NOTEBOOK NO.

PART OF THE SE 1/4 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



**Existing  $\odot$  Pavement U.S. Route 14 Curve #7**

P.I.	= Sta. 261+24.10
$\Delta$	= 4'57'25"
R	= 10241.20'
T	= 443.28'
L	= 886.01'
E	= 9.59'
P.C.	= Sta. 256+80.82
P.C.C.	= Sta. 265+66.83

**Existing  $\odot$  Pavement U.S. Route 14 Curve #8**

P.I.	= Sta. 269+17.24
$\Delta$	= 6'20'28"
R	= 6325.75'
T	= 350.41'
L	= 701.11'
E	= 9.70'
P.C.C.	= Sta. 265+66.83
P.C.C.	= Sta. 272+66.94

**Proposed  $\odot$  Pavement U.S. Route 14 Curve #AL14-8**

P.I.	= Sta. 596+68.77
$\Delta$	= 4'58'06"
R	= 10205.87'
T	= 442.78'
L	= 885.01'
E	= 9.60'
P.C.	= Sta. 592+25.99
P.C.C.	= Sta. 601+11.00

**Proposed  $\odot$  Pavement U.S. Route 14 Curve #AL14-9**

P.I.	= Sta. 604+62.24
$\Delta$	= 6'05'28"
R	= 6601.68'
T	= 351.24'
L	= 701.82'
E	= 9.34'
P.C.	= Sta. 601+11.00
P.C.C.	= Sta. 608+12.82

**Measured  $\odot$  R.O.W. U.S. Route 14 Curve Data**

$\Delta$	= 4'40'58"
R	= 10241.20'
T	= 418.75'
L	= 837.04'
E	= 8.56'

**LEGEND**

SECTION CORNER: 9/10, 16/15

QUARTER SECTION CORNER: 16, 15

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

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Four National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

SCALE: 1"=20'

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- 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 SURVEYORS REGISTRATION NUMBER.
- BT1 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 SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS 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 LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 29th DAY OF March 20, 2012 A.D.

*Christian H. Jorgensen* PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
599+30.28	65.00' Lt.	2,032,153.606	981,514.580
599+49.37	50.96' Lt.	2,032,129.847	981,513.364
599+76.68	31.00' Lt.	2,032,095.978	981,511.630
600+21.02	51.03' Lt.	2,032,069.492	981,552.641
600+24.00	65.00' Lt.	2,032,074.545	981,566.007
600+78.70	2.37' Lt.	2,031,994.559	981,542.848
601+11.00	65.00' Lt.	2,032,000.732	981,613.095
601+36.77	65.00' Lt.	2,031,978.704	981,626.955
601+54.33	86.73' Lt.	2,031,975.154	981,654.794
601+65.72	57.36' Lt.	2,031,949.869	981,635.934
602+32.30	53.36' Lt.	2,031,890.555	981,667.629

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.  
 (847) 356-3371

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 305 (U.S. ROUTE 14)  
 SECTION 27RS-6 McHENRY COUNTY  
 PROJECT JOB NO. R-91-015-98  
 STATION 599+00 TO STATION 603+00  
 SCALE: 1"=20' SHEET B12 OF B33

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

**Schedule of Ties**

Point Number	Tie to point	Tie Distance (feet)
1	T1	11.18
	T2	11.98
	T3	17.29
2	T1	45.01
	T2	20.75
	T3	11.43
3	T1	32.15
	T2	24.30
	T3	34.35
4	T1	15.35
	T2	34.09
	T3	52.57

T3 to Point Nos. 2, 3 & 4 is the Frame (Stucco) Corner of Frame Residence.

**EXISTING R.O.W. RECORDED INFORMATION**

Parcel	Document No.	Date Recorded
1CV0215	82565	March 15, 1928
1CV0216	82565	March 15, 1928
----	63153	April 17, 1924
----	82565	March 15, 1928

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0215	Derek DeVries and Ann Marie DeVries, husband and wife, as Tenants by the Entirety	0.282	0.027	N/A	0.255	N/A	N/A	14-31-401-018	
1CV0216	Gary Michael Riegler and Susan Lynn Riegler, husband and wife, in Joint Tenancy	0.237	0.043	N/A	0.194	N/A	N/A	14-31-401-019	

BY	DATE	MADE	CHECKED	INKED	NOTEBOOK NO.

SEE SHEET B13  
 REVISION DATE July 23, 2011  
 REVISION Added Additional Monument to Parcel 1CV0215  
 RECORDING: RECORDED ON AS DOCUMENT NO. 199 OF 431

PART OF THE SE 1/4 OF SEC. 31, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1CV0217	Series 2 of the Hallihan Series LLC, an Illinois limited liability company	0.704	0.078	N/A	0.626	N/A	N/A	14-31-404-009 14-31-404-010 14-31-404-011 14-31-404-012	
1CV0220	Edward J. Donahue	1.235	0.063	N/A	1.172	N/A	N/A	14-31-404-023 14-31-404-027	

### LEGEND

SECTION CORNER: 9 10 16 15  
QUARTER SECTION CORNER: 16 15

SECTION LINE  
QUARTER SECTION LINE  
QUARTER, QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
APPARENT PROPERTY LINE  
CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD 83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

○ IRON PIPE OR ROD FOUND      ⊕ "MAG" NAIL SET  
+ CUT CROSS FOUND OR SET      ● 5/8" REBAR SET

● 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 SURVEYORS REGISTRATION NUMBER.  
● BT2 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 SURVEYORS REGISTRATION NUMBER.  
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)  
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

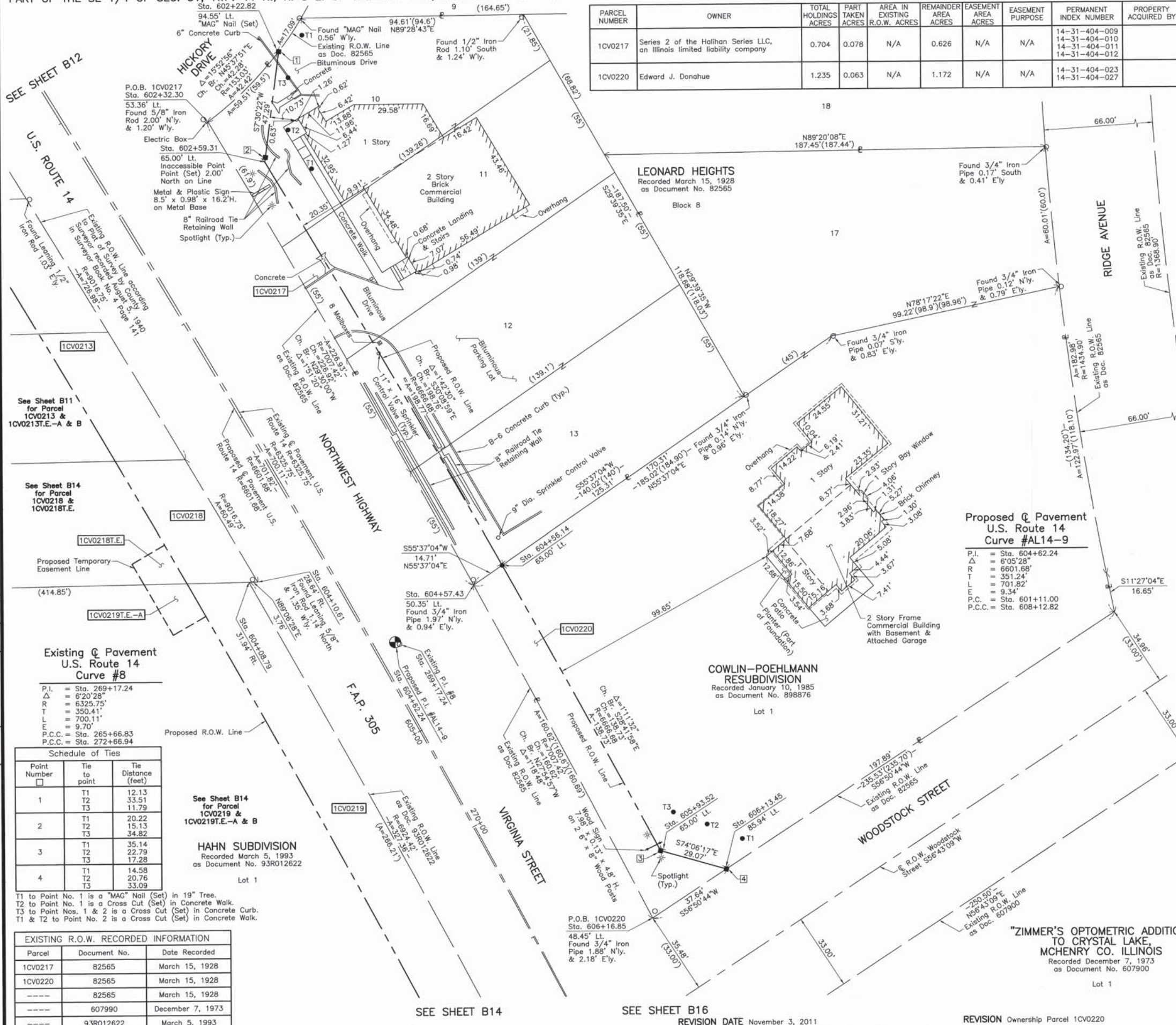
STATE OF ILLINOIS } SS  
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, 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 LAKE VILLA, ILLINOIS THIS 29th DAY OF March 20, 11 A.D.

*Christian H. Jorgensen* PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.



ROW	DATE	BY
PLAT		
MADE		
CHECKED		
LINKED		
NO		

### COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
602+22.82	94.55' Lt.	2,031,920.124	981,697.855
602+32.30	53.36' Lt.	2,031,890.555	981,667.629
602+59.31	65.00' Lt.	2,031,873.235	981,691.677
604+08.79	31.94' Rt.	2,031,694.941	981,683.762
604+10.61	28.64' Rt.	2,031,695.000	981,687.527
604+56.14	65.00' Lt.	2,031,701.364	981,791.507
604+57.43	50.35' Lt.	2,031,693.058	981,779.368
605+93.52	65.00' Lt.	2,031,579.676	981,858.127
606+13.45	85.94' Lt.	2,031,571.715	981,886.083
606+16.85	48.45' Lt.	2,031,551.127	981,854.566

RECEIVED  
NOV 07 2011  
PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

### PLAT OF HIGHWAYS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)

SECTION 27RS-6  
PROJECT  
STATION 602+00  
SCALE: 1"=20'

McHENRY COUNTY  
JOB NO. R-91-015-98  
TO STATION 607+00  
SHEET B13 OF B33

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196