

AMERICAN
 SURVEYING & ENGINEERING, P.C.
 SURVEYORS - ENGINEERS
 GEODESISTS - MAPPING SCIENTISTS
 Chicago 773-444-0800 / Fax 773-444-0808
 Dixon 815-288-6231 / Fax 815-288-6277
 Aurora 603-897-4105 / Fax 630-897-4121
 Illinois Professional Design Firm No. 184-003192

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
FILE		DRAWN -	REVISED -
	PLOT SCALE = 1"=50'	CHECKED -	REVISED -
	PLOT DATE = 1/16/2009	DATE -	REVISED -

DESIGNED -	REVISED -
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
 UNDERGROUND UTILITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	201
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

- NOTES:**
- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60C31, DATED NOVEMBER 20, 2008.
 - COMCAST DOES NOT HAVE ANY UNDERGROUND FACILITIES WITHIN THE PROJECT LIMITS.
 - UNKNOWN FIBER OPTIC LINE WAS DISCOVERED IN THE FIELD. IT IS ASSUMED TO BE LEVEL 3 COMMUNICATION. AS OF JANUARY 9, 2009, ASE HAS NOT RECEIVED LEVEL 3 COMMUNICATION UTILITY MAPS. THEREFORE, THE UNKNOWN FIBER OPTIC SHOWN BASED ON FIELD EVIDENCE.

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 (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 1ST DAY OF DECEMBER A.D. 2008 AND THE 8TH DAY OF JANUARY A.D. 2009.

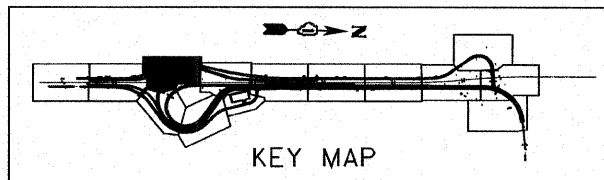
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 16TH DAY OF JANUARY A.D., 2009. CHICAGO, IL.



Steven M. Rienks
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL
 ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009

LEGEND

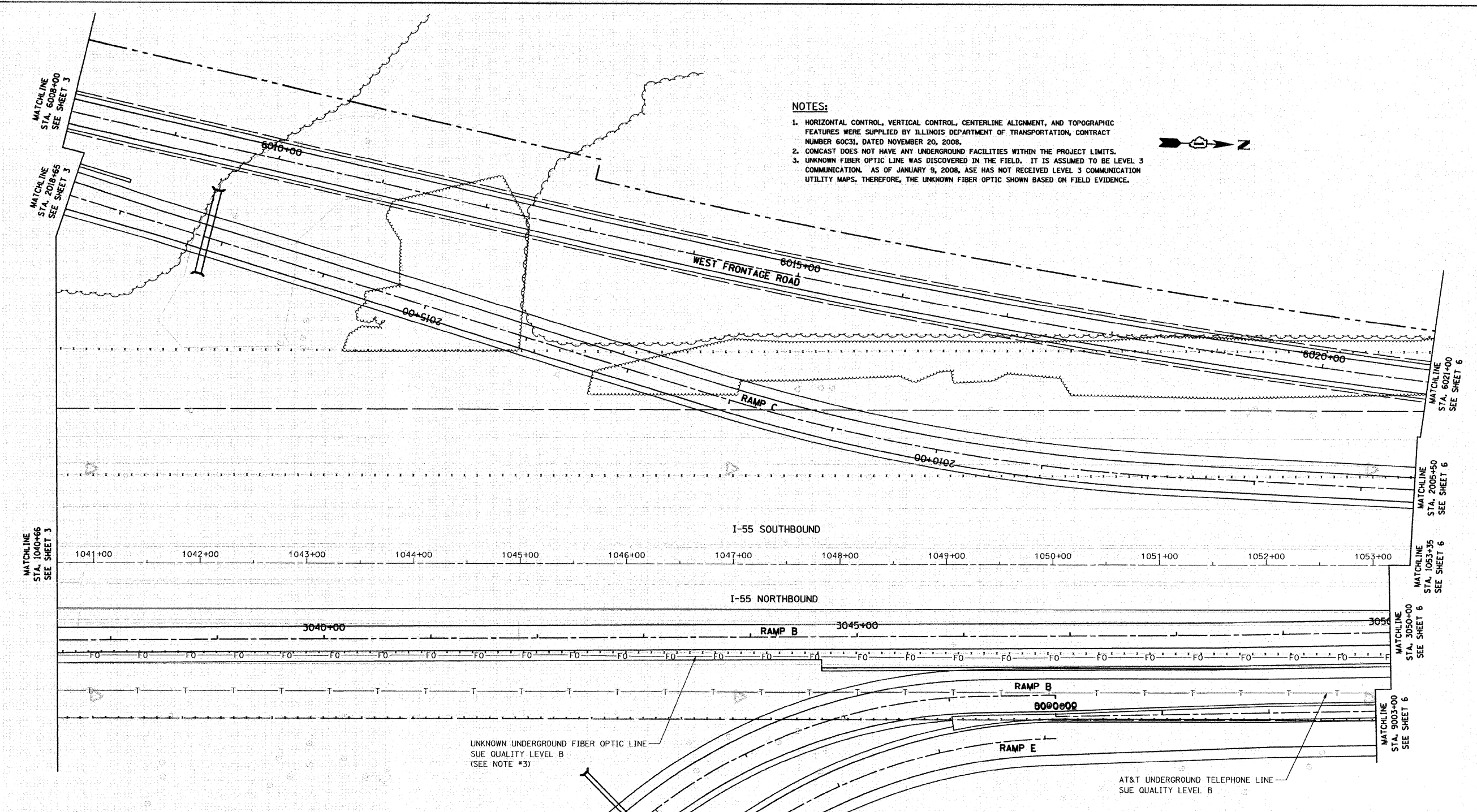
— T —	EXISTING UNDERGROUND TELEPHONE
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS



FINAL

NOTES:

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UNKNOWN UNDERGROUND FIBER OPTIC LINE
SUE QUALITY LEVEL B
(SEE NOTE #3)

AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

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

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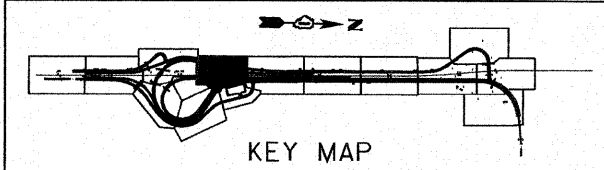
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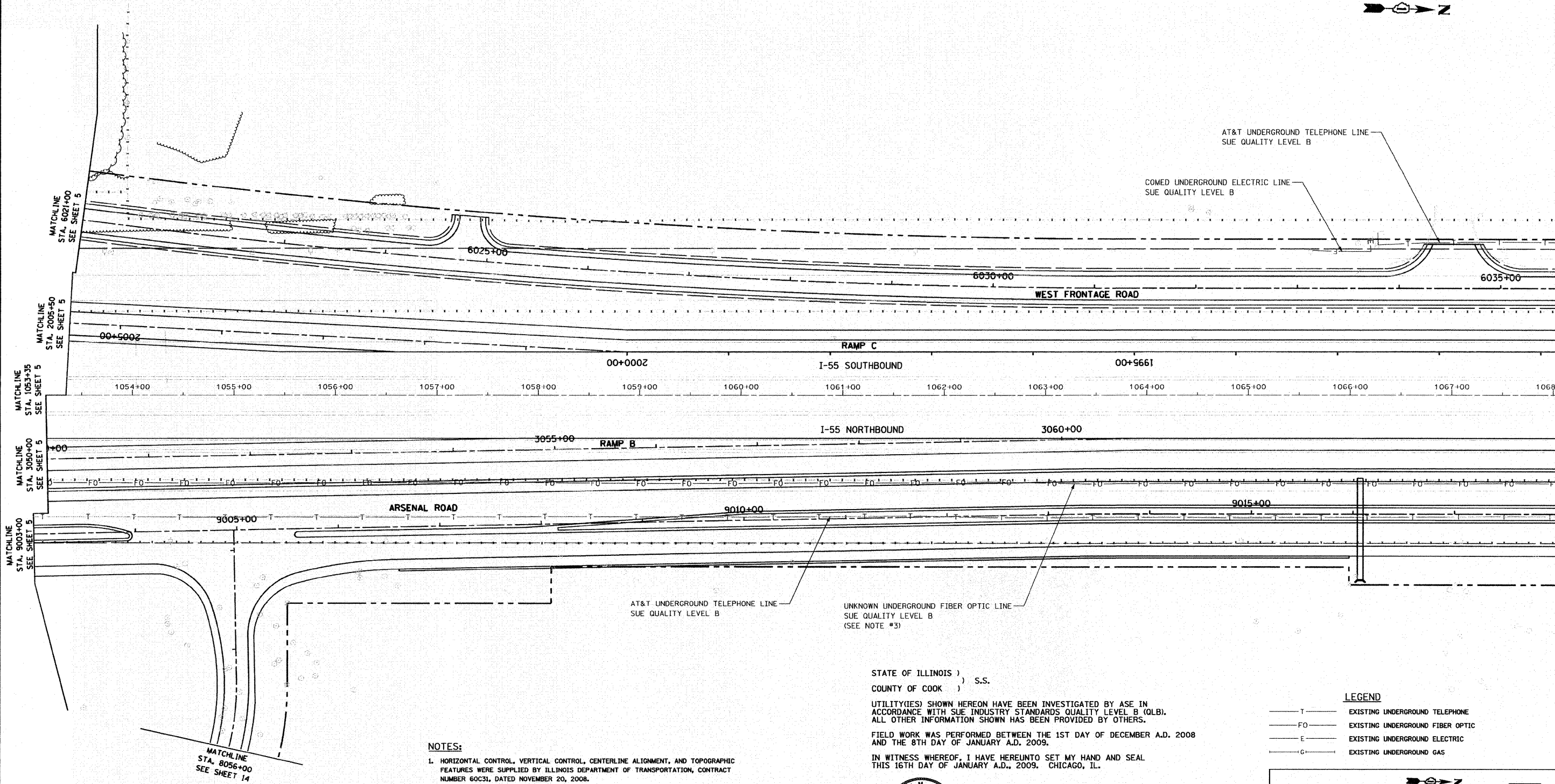
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
UNDERGROUND UTILITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	203
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

FINAL



AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

COMED UNDERGROUND ELECTRIC LINE
SUE QUALITY LEVEL B

WEST FRONTAGE ROAD

I-55 SOUTHBOUND

I-55 NORTHBOUND

ARSENAL ROAD

AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

UNKNOWN UNDERGROUND FIBER OPTIC LINE
SUE QUALITY LEVEL B
(SEE NOTE #3)

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COUNTY OF COOK) S.S.

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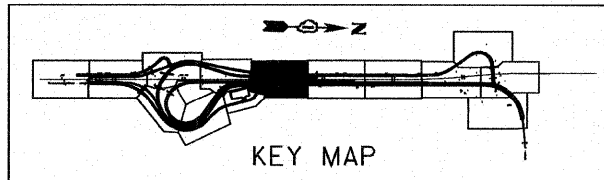
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KEY MAP

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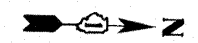
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE INVESTIGATION OF
UNDERGROUND UTILITIES

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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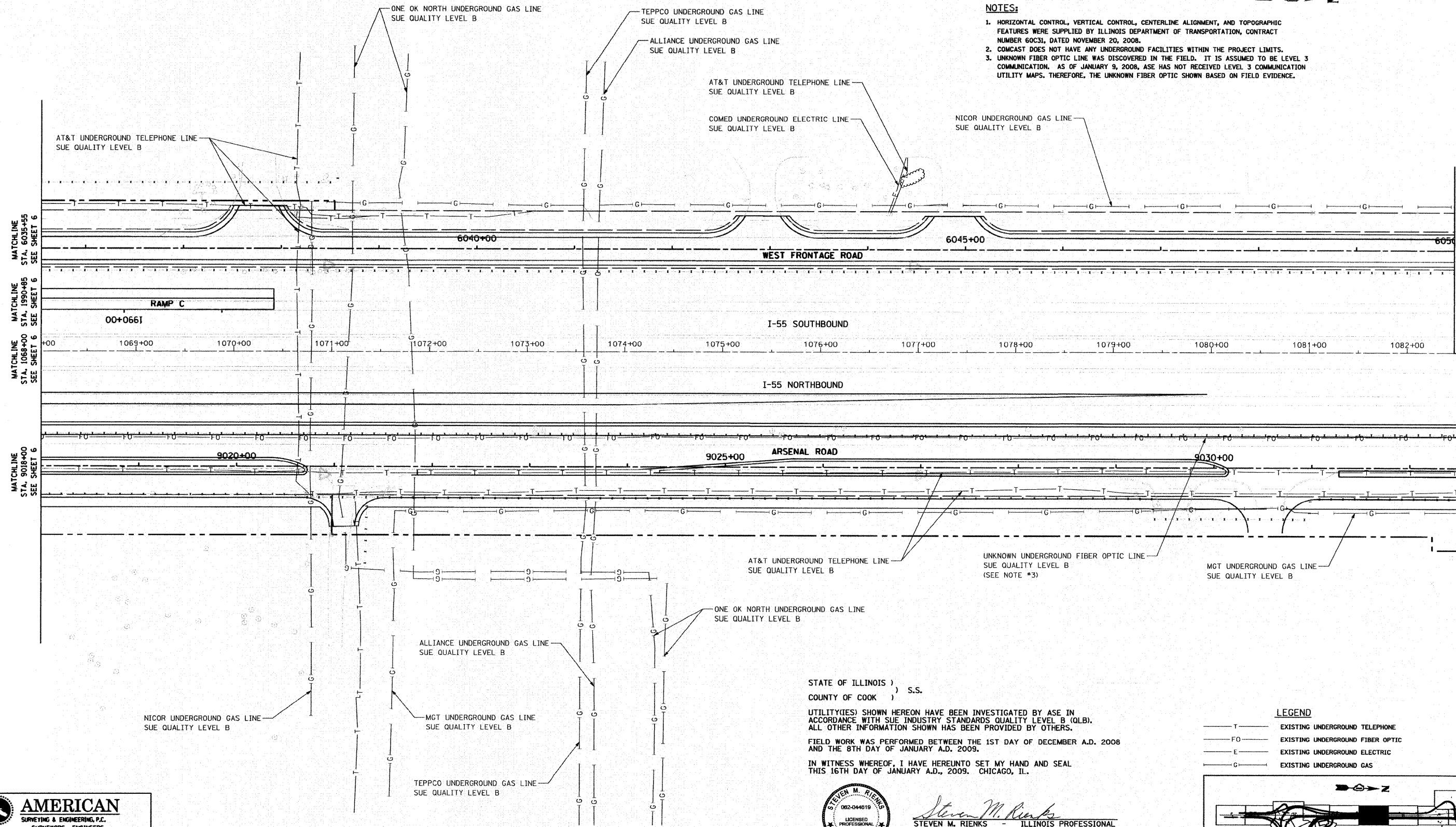
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	204
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

FINAL



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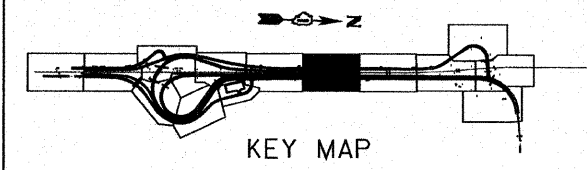
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Steven M. Rienks
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 MY LICENSE EXPIRES 11/30/2009

LEGEND

- T — EXISTING UNDERGROUND TELEPHONE
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- G — EXISTING UNDERGROUND GAS



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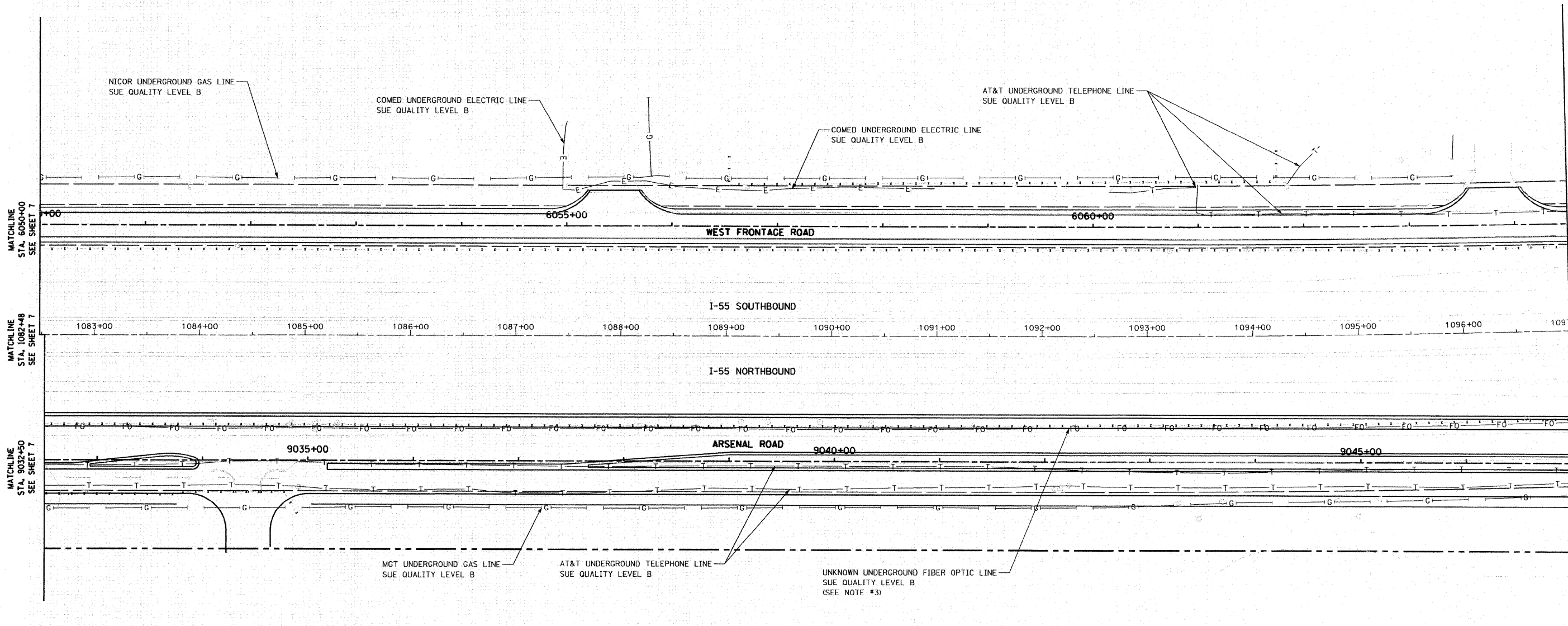
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUE INVESTIGATION OF UNDERGROUND UTILITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	205
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60C31	

FINAL



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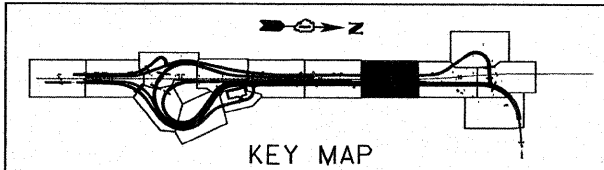
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- LEGEND**
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Steven M. Rienks
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009



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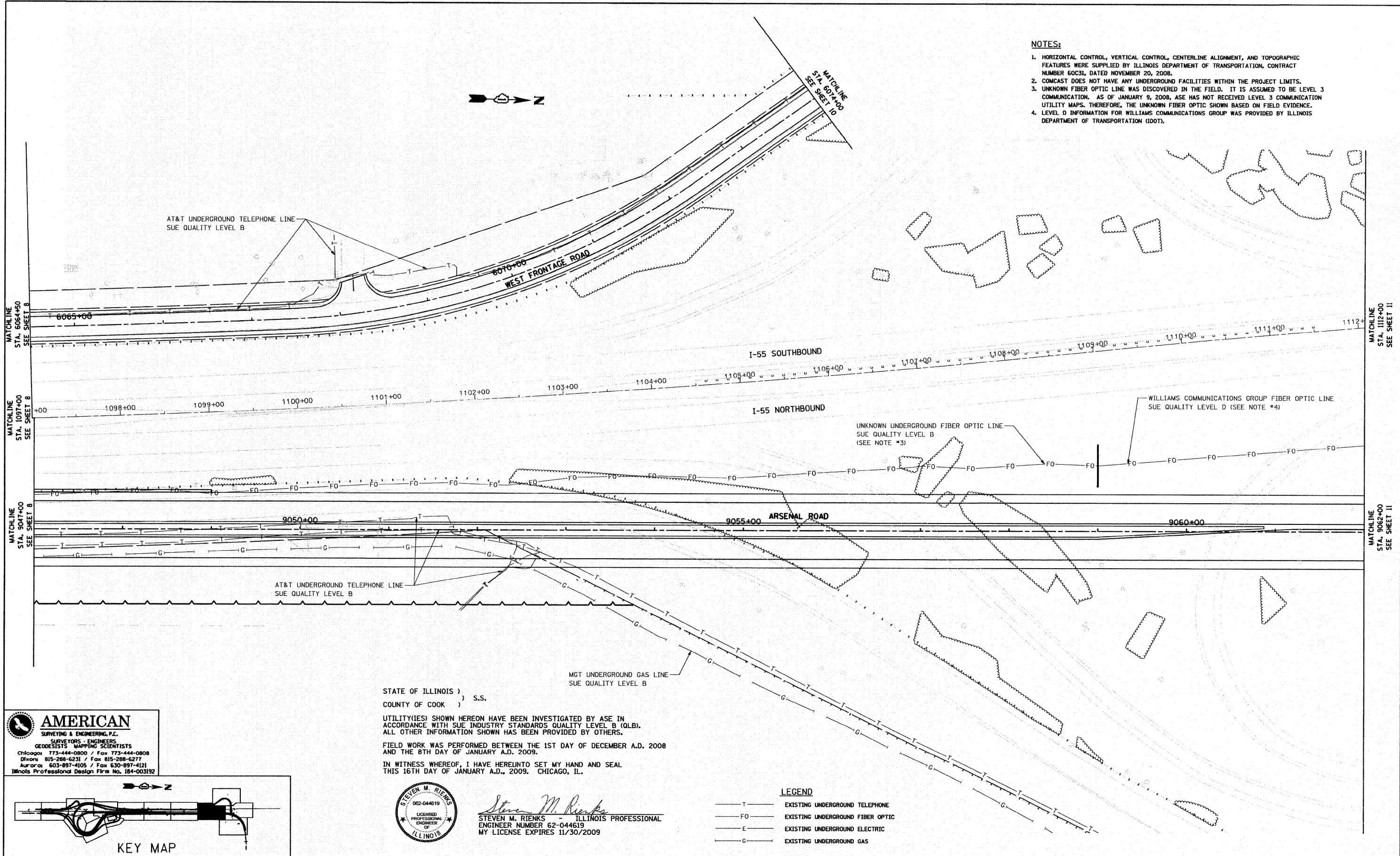
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 Illinois Professional Design Firm No. 104-003192

FILE NAME = #FILE#	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUE INVESTIGATION OF UNDERGROUND UTILITIES			F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 206
	PLOT SCALE = 1"=50'	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60C31				
	PLOT DATE = 1/16/2009	CHECKED -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -									

FINAL

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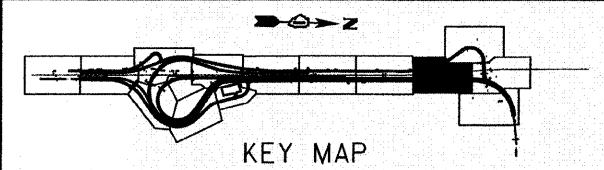


Steven M. Rienks
 STEVEN M. RIENKS ILLINOIS PROFESSIONAL
 ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009

LEGEND

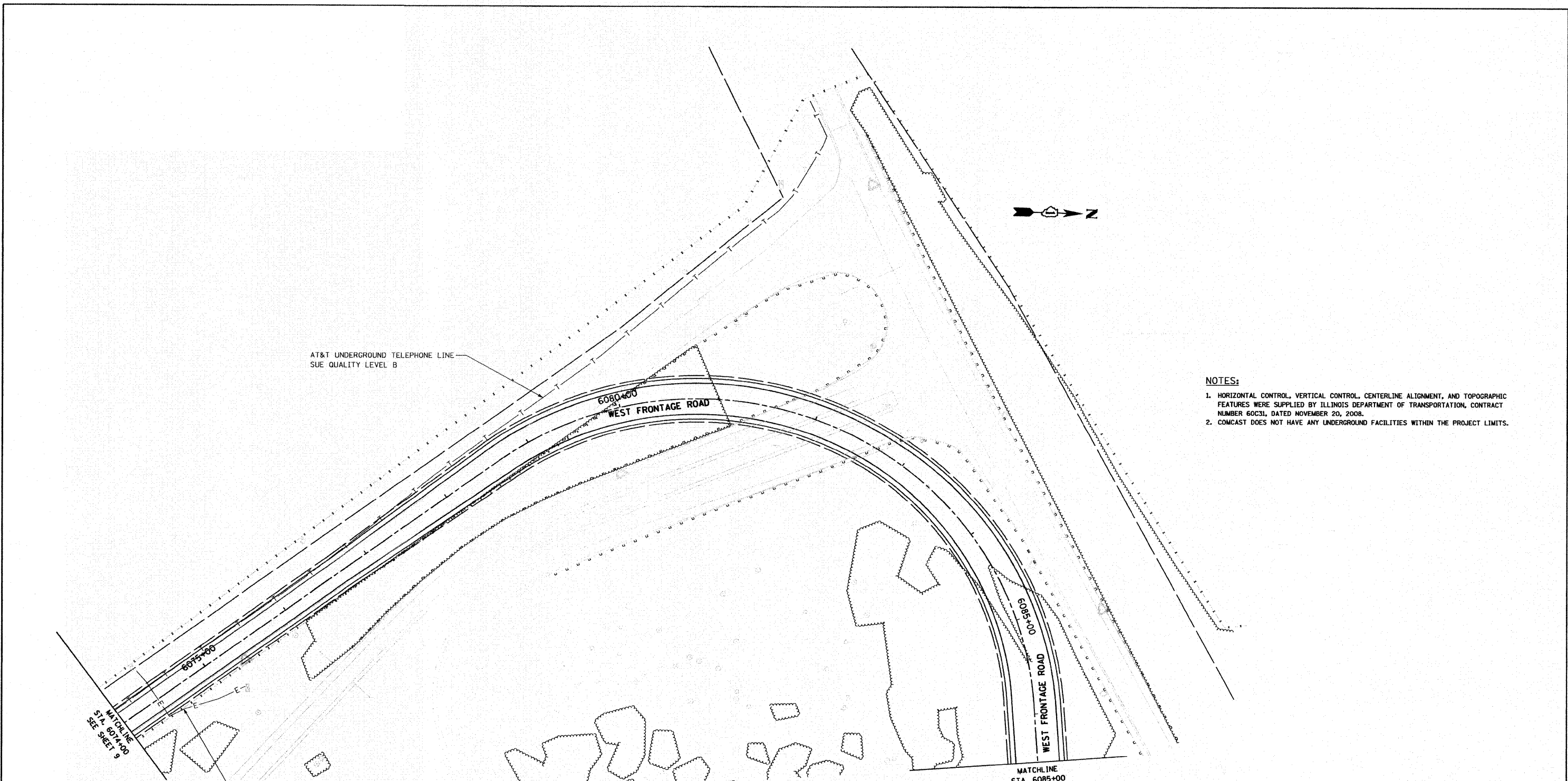
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	PLOT DATE = 1/16/2009	CHECKED -	REVISED -									
		DATE -	REVISED -									

FINAL



AT&T UNDERGROUND TELEPHONE LINE
SUE QUALITY LEVEL B

COMED UNDERGROUND ELECTRIC LINE
SUE QUALITY LEVEL B

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MATCHLINE
STA. 6074+00
SEE SHEET 9

MATCHLINE
STA. 6085+00
SEE SHEET 11

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

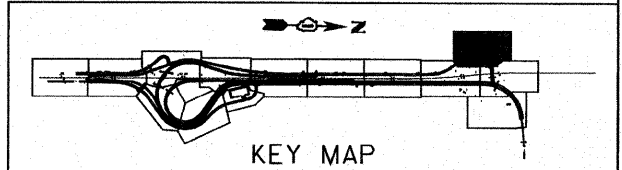
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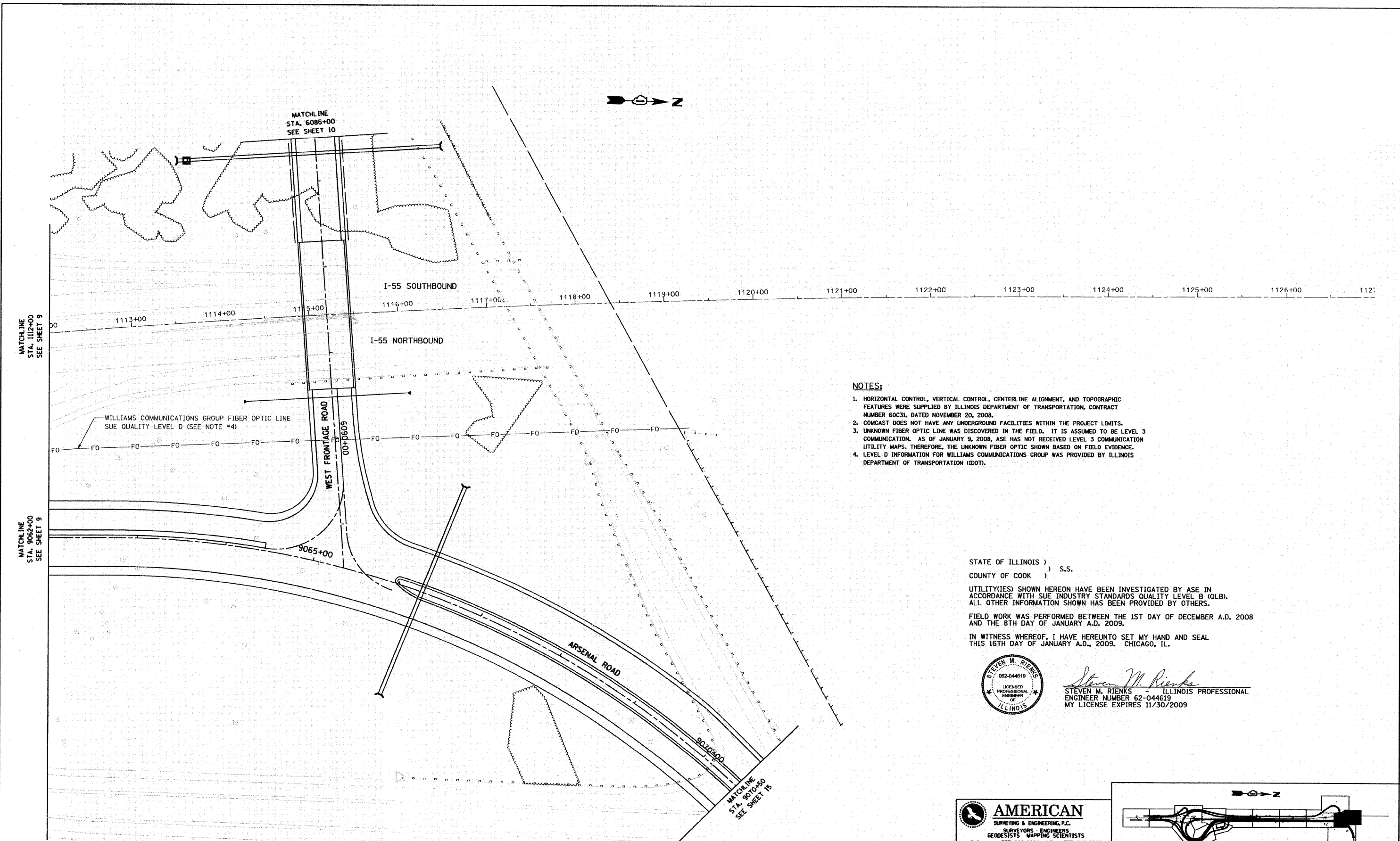
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**STATE OF ILLINOIS
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**SUE INVESTIGATION OF
UNDERGROUND UTILITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 208
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60C31	



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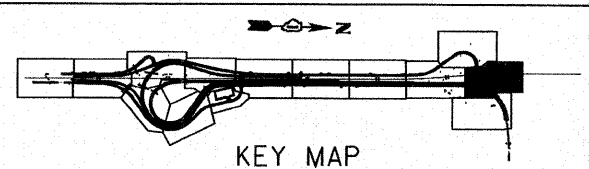
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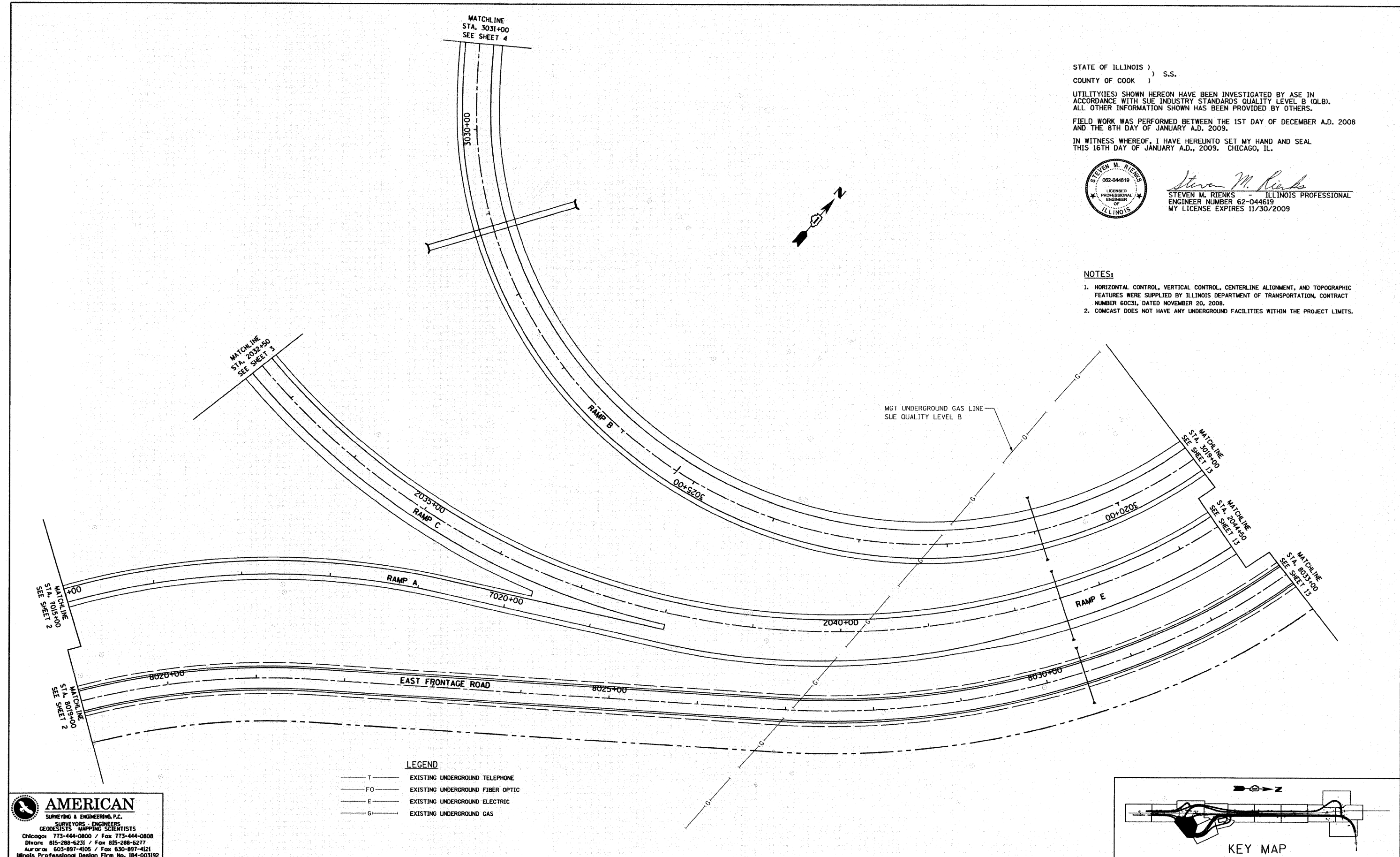
IN WITNESS WHEREOF, I HAVE HERELINTO SET MY HAND AND SEAL THIS 16TH DAY OF JANUARY A.D., 2009. CHICAGO, IL.



Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER
ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

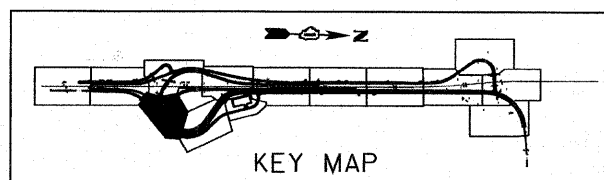
NOTES:

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- COMCAST DOES NOT HAVE ANY UNDERGROUND FACILITIES WITHIN THE PROJECT LIMITS.



LEGEND

— T —	EXISTING UNDERGROUND TELEPHONE
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS



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Aurora 630-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192

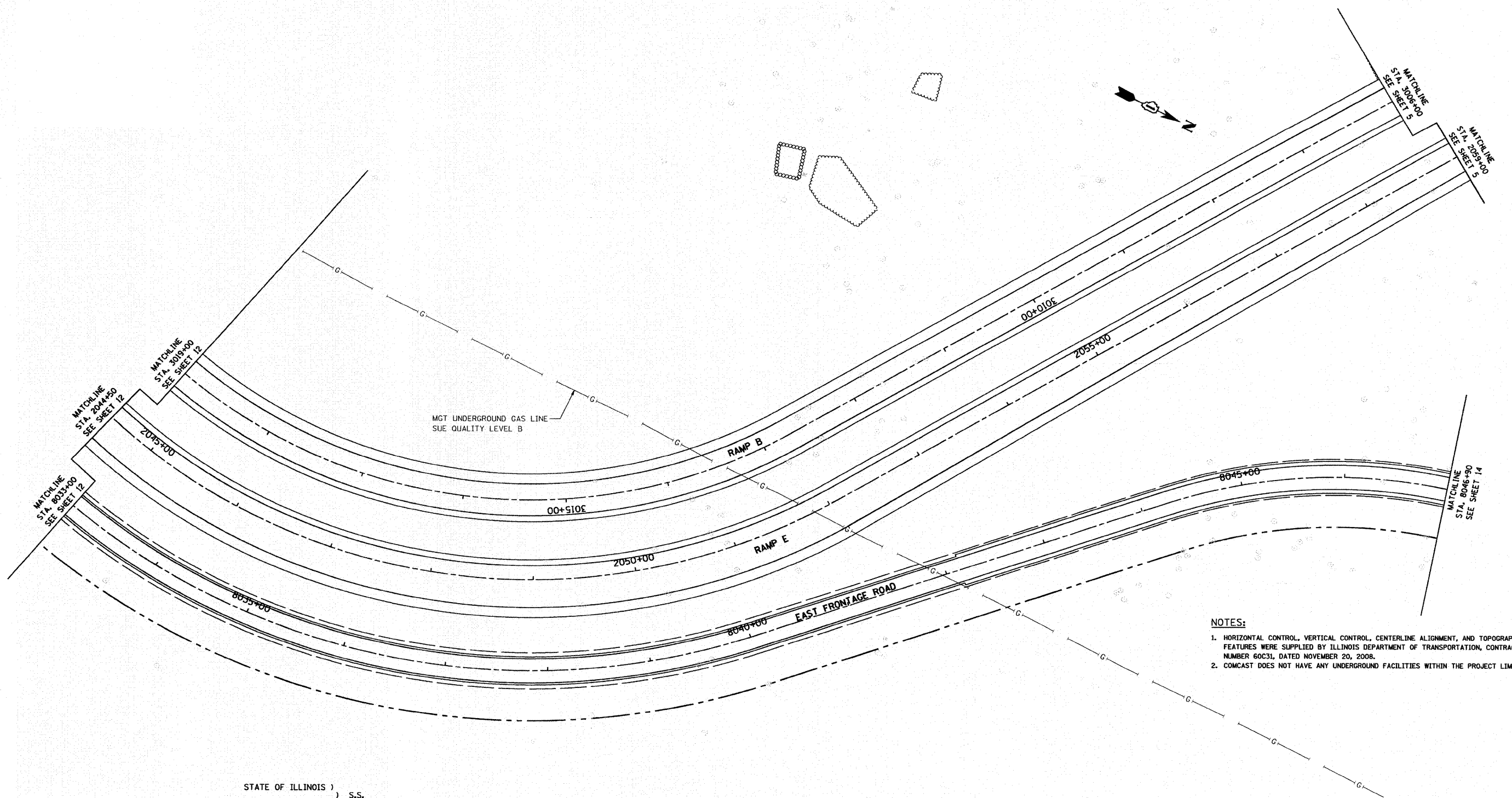
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FILE		DRAWN -	REVISED -
	PLOT SCALE = 1"=50'	CHECKED -	REVISED -
	PLOT DATE = 1/16/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUE INVESTIGATION OF UNDERGROUND UTILITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE. 55	SECTION 99-2HB-2-R	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 210
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



- NOTES:**
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STATE OF ILLINOIS)
 COUNTY OF COOK) S.S.

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

FIELD WORK WAS PERFORMED BETWEEN THE 1ST DAY OF DECEMBER A.D. 2008 AND THE 8TH DAY OF JANUARY A.D. 2009.

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- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
 - FO — EXISTING UNDERGROUND FIBER OPTIC
 - E — EXISTING UNDERGROUND ELECTRIC
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Steven M. Rienks
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 ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009

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	PLLOT DATE = 1/16/2009	DATE -	REVISED -

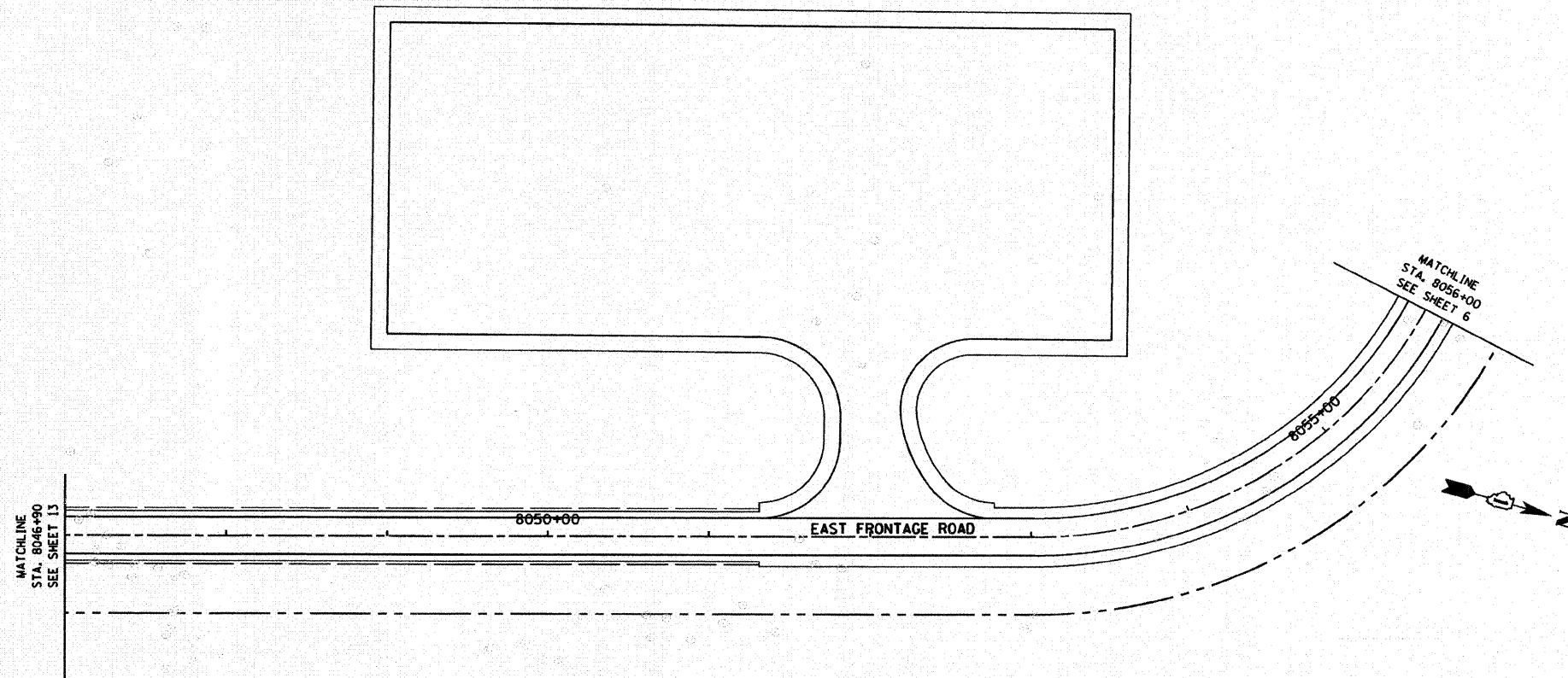
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
 UNDERGROUND UTILITIES**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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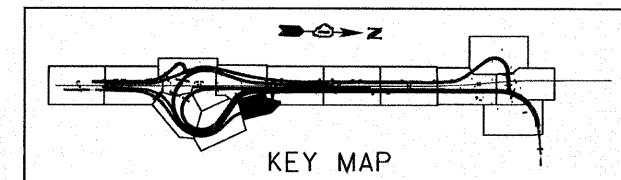
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	211
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

FINAL



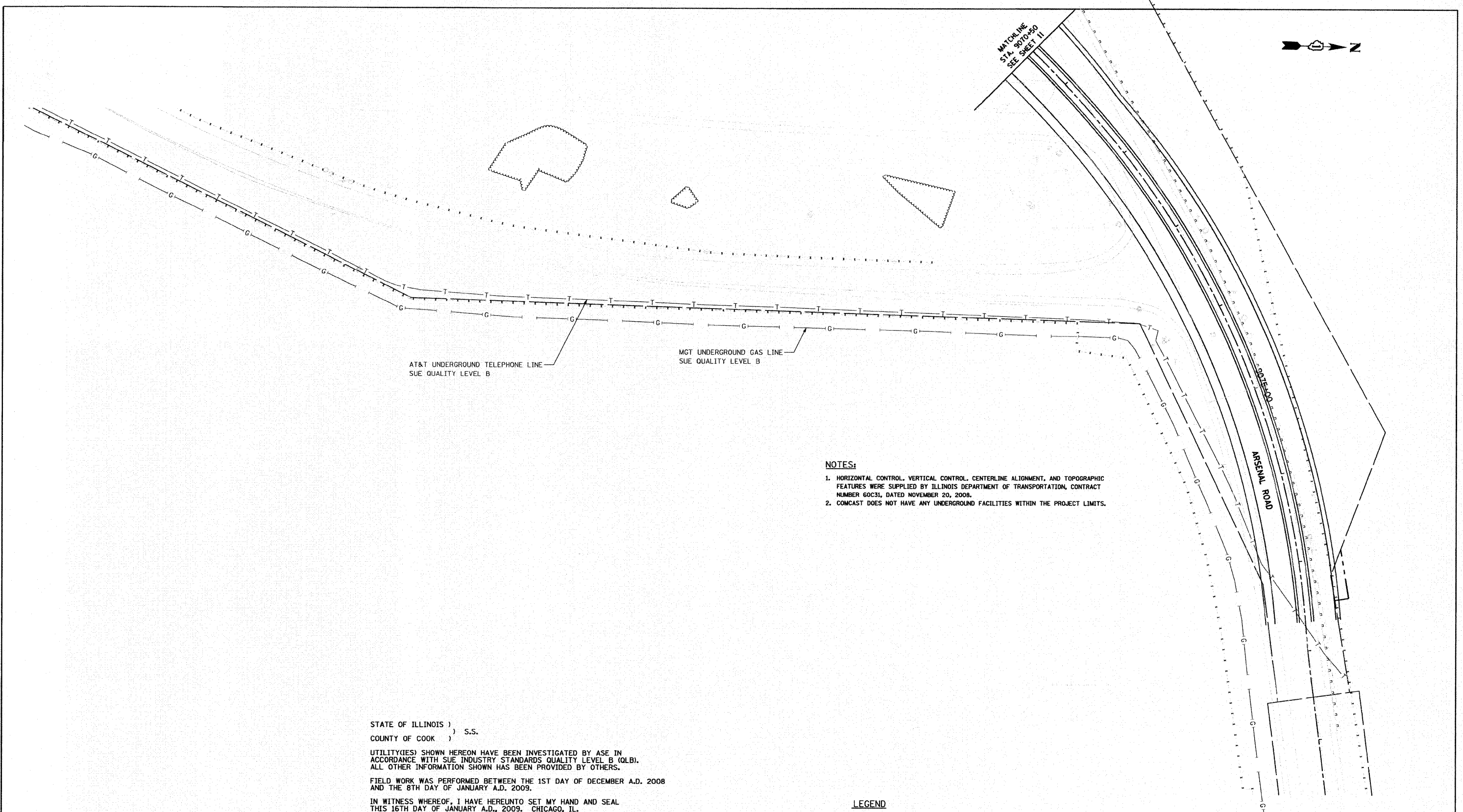
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FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUE INVESTIGATION OF UNDERGROUND UTILITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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	PLOT DATE = 1/16/2009	CHECKED -	REVISED -			CONTRACT NO. 60C31						
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

FINAL



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STATE OF ILLINOIS)
) S.S.
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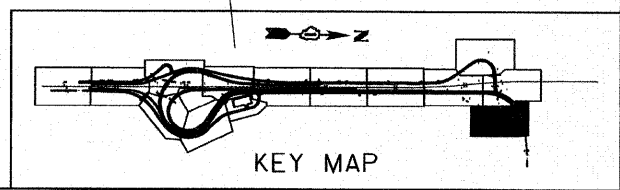
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Steven M. Rienks
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER
 ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009

- LEGEND**
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF
 UNDERGROUND UTILITIES**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	213
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

FINAL

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

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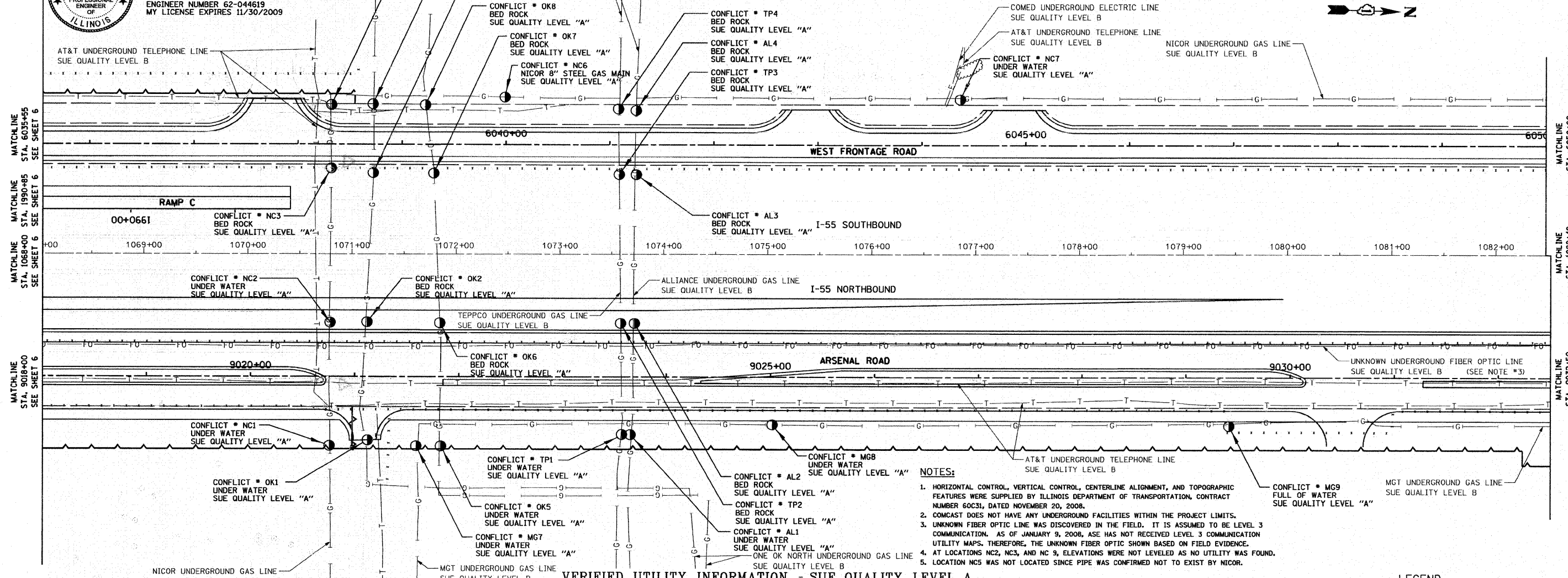
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Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
AL1	-	1726382.6960	1022809.8870	1073+67.93	178.73 RT.	-	1.0'	541.14	ALLIANCE - HOLE FULL OF WATER
AL2	-	1726383.6568	1022699.8341	1073+71.97	68.75 RT.	-	0.9'	539.47	ALLIANCE - DUG TO BED ROCK - PIPE LINE BORED UNDER ROAD PER ALLIANCE
AL3	-	1726381.0938	1022552.2743	1073+73.54	78.82 LT.	-	2.3'	541.41	ALLIANCE - DUG TO BED ROCK - PIPE LINE BORED UNDER ROAD PER ALLIANCE
AL4	-	1726379.0645	1022488.5802	1073+73.29	142.55 LT.	-	2.1'	540.72	ALLIANCE - DUG TO BED ROCK - PIPE LINE BORED UNDER ROAD PER ALLIANCE
NC1	-	1726093.5610	1022829.1370	1070+78.37	189.89 RT.	-	2.9'	541.05	NICOR - HOLE FULL OF WATER
NC2	-	1726090.9710	1022707.7710	1070+79.19	68.06 RT.	-	2.5'	538.44	NICOR - HOLE FULL OF WATER
NC3	-	1726087.5660	1022554.3570	1070+80.07	84.95 LT.	-	2.5'	541.46	NICOR - DUG TO BED ROCK
NC4	-	1726085.9716	1022491.5175	1070+80.23	147.81 LT.	-	5.4'	541.68	NICOR - HOLE FULL OF WATER
NC6	8" STEEL	1726252.2673	1022478.9339	1072+46.81	155.74 LT.	538.12	3.07'	541.19	NICOR - (NO CASING)
NC7	-	1726690.2684	1022468.6704	1076+84.93	153.75 LT.	-	6.1'	543.63	NICOR - HOLE FULL OF WATER
MG7	-	1726176.7840	1022827.0720	1071+61.62	190.15 RT.	-	3.1'	541.29	MIDWEST GAS - HOLE FULL OF WATER

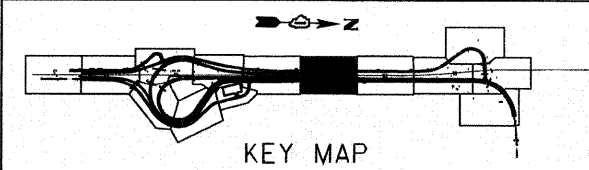


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 - AT LOCATIONS NC2, NC3, AND NC 9, ELEVATIONS WERE NOT LEVELED AS NO UTILITY WAS FOUND.
 - LOCATION NCS WAS NOT LOCATED SINCE PIPE WAS CONFIRMED NOT TO EXIST BY NICOR.

VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
MG8	-	1726518.7720	1022795.9650	1075+04.35	168.62 RT.	-	2.1'	541.86	MIDWEST GAS - HOLE FULL OF WATER
MG9	-	1726958.1240	1022784.7220	1079+43.84	169.67 RT.	-	4.2'	543.49	MIDWEST GAS - HOLE FULL OF WATER (MOVED 30' S. OUT OF CONC. ENTRANCE)
OK1	-	1726130.0650	1022822.5510	1071+15.05	184.33 RT.	-	3.0'	540.57	ONEOK - HOLE FULL OF WATER
OK2	-	1726126.3496	1022705.7834	1071+14.60	67.50 RT.	-	1.1'	538.51	ONEOK - DUG TO BED ROCK
OK3	-	1726127.9116	1022557.9177	1071+20.30	80.26 LT.	-	1.8'	540.91	ONEOK - DUG TO BED ROCK
OK4	-	1726125.7924	1022489.6356	1071+20.09	148.58 LT.	-	1.8'	541.85	ONEOK - DUG TO BED ROCK
OK5	-	1726200.5500	1022826.5780	1071+85.39	190.32 RT.	-	0.5'	540.35	ONEOK - HOLE FULL OF WATER
OK6	-	1726196.2271	1022704.7196	1071+84.48	68.39 RT.	-	1.8'	538.81	ONEOK - DUG TO BED ROCK
OK7	-	1726186.0864	1022556.6103	1071+78.49	79.94 LT.	-	2.1'	540.70	ONEOK - DUG TO BED ROCK - PIPE LINE BORED UNDER ROAD PER ONEOK
OK8	-	1726176.0600	1022489.0212	1071+70.35	147.79 LT.	-	0.8'	541.27	ONEOK - DUG TO BED ROCK - PIPE LINE BORED UNDER ROAD PER ONEOK
TP1	-	1726374.4370	1022809.9660	1073+59.68	178.58 RT.	-	1.6'	541.44	TEPPCO - HOLE FULL OF WATER
TP2	-	1726370.3218	1022700.1007	1073+58.64	68.64 RT.	-	1.0'	539.44	TEPPCO - DUG TO BED ROCK - PIPE LINE BORED UNDER ROAD PER TEPPCO
TP3	-	1726364.6736	1022552.6818	1073+57.11	78.87 LT.	-	2.5'	541.35	TEPPCO - DUG TO BED ROCK - PIPE LINE BORED UNDER ROAD PER TEPPCO
TP4	-	1726361.9944	1022487.5447	1073+56.26	144.06 LT.	-	2.7'	540.96	TEPPCO - DUG TO BED ROCK - PIPE LINE BORED UNDER ROAD PER TEPPCO

- LEGEND**
- CONFLICT * (SUE QUALITY LEVEL A)
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 - W — EXISTING UNDERGROUND WATER
 - E — EXISTING UNDERGROUND ELECTRIC
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 - CTV — EXISTING UNDERGROUND CABLE TV
 - FO — EXISTING UNDERGROUND FIBER OPTIC



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

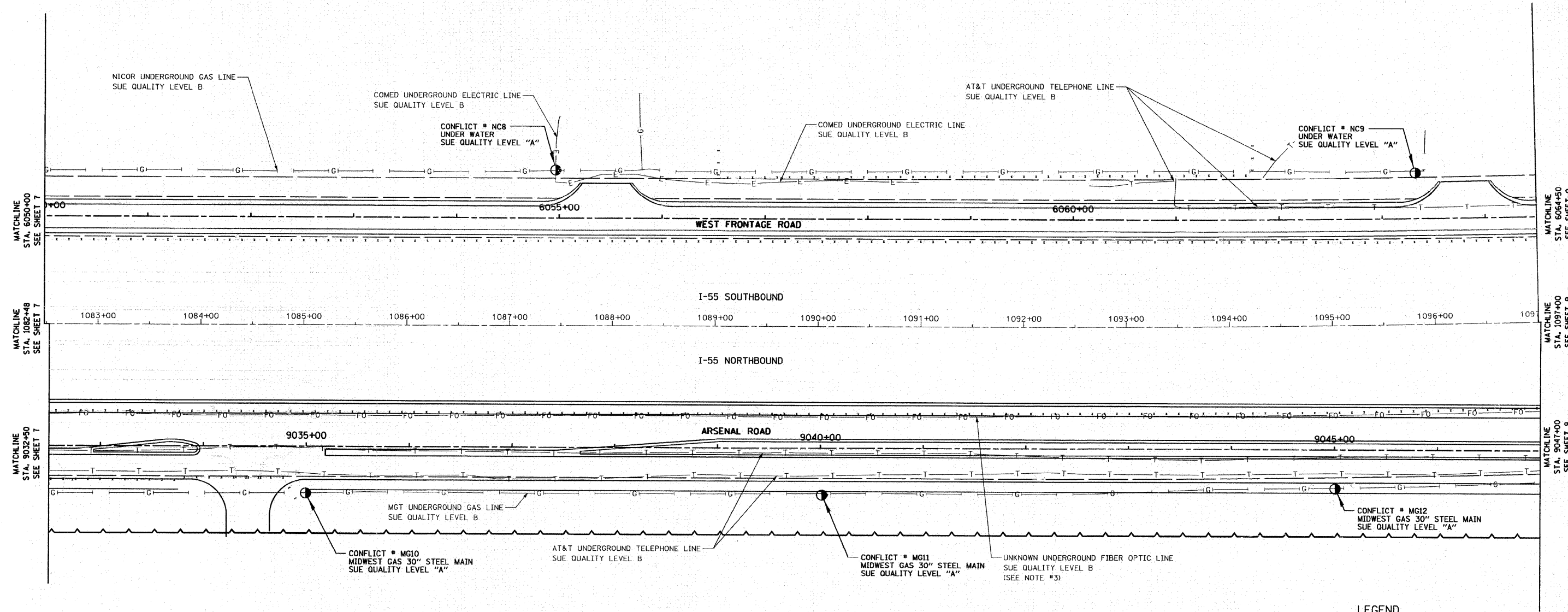
**SUE INVESTIGATION OF
UNDERGROUND UTILITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	214
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
MG10	30" STEEL MAIN	1727516.1090	1022768.1740	1085+02.07	168.74 RT.	541.05	5.76'	546.81	MIDWEST GAS - (NO CASING)
MG11	30" STEEL MAIN	1728017.8020	1022754.4680	1090+03.95	169.07 RT.	546.00	7.50'	553.50	MIDWEST GAS - (NO CASING)
MG12	30" STEEL MAIN	1728516.9850	1022733.09260	1095+00.80	163.98 RT.	545.52	9.66'	555.18	MIDWEST GAS - (NO CASING)
NC8	-	1727749.2832	1022436.8051	1087+44.42	155.98 LT.	-	2.0'	541.13	NICOR - HOLE FULL OF WATER
NC9	-	1728584.4260	1022413.6060	1095+83.24	151.97 LT.	-	6.0'	550.56	NICOR - HOLE FULL OF WATER



LEGEND

- CONFLICT # (SUE QUALITY LEVEL A)
- T — EXISTING UNDERGROUND TELEPHONE
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- E — EXISTING UNDERGROUND ELECTRIC
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NOTES:

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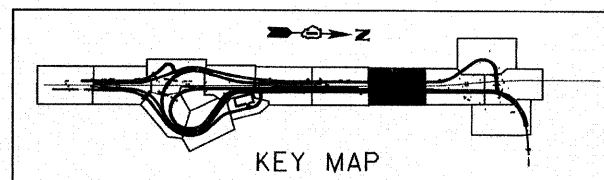
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE INVESTIGATION OF
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SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	215
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

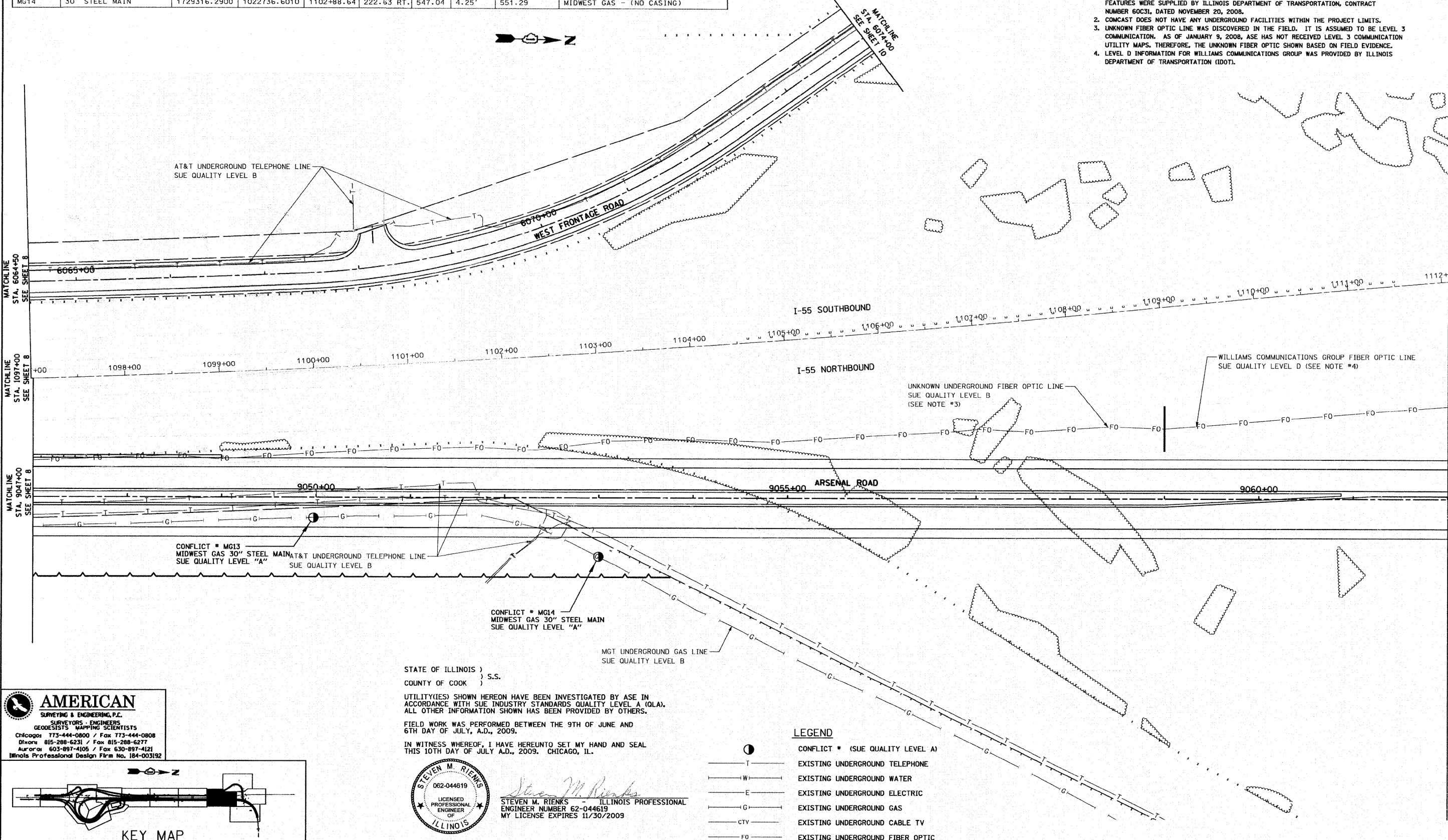
FINAL

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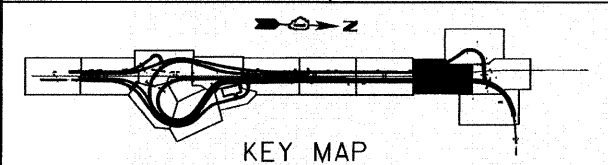
CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
MG13	30" STEEL MAIN	1729012.7250	1022702.7590	1099+92.52	163.38 RT.	546.76	4.68'	551.44	MIDWEST GAS - (NO CASING)
MG14	30" STEEL MAIN	1729316.2900	1022736.6010	1102+88.64	222.63 RT.	547.04	4.25'	551.29	MIDWEST GAS - (NO CASING)

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- LEVEL D INFORMATION FOR WILLIAMS COMMUNICATIONS GROUP WAS PROVIDED BY ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT).



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LEGEND

- CONFLICT # (SUE QUALITY LEVEL A)
- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = 1"=50'	CHECKED -	REVISED -
	PLOT DATE = 1/16/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE INVESTIGATION OF
UNDERGROUND UTILITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	216
CONTRACT NO. 60C31				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL

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 A (QLA). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 9TH OF JUNE AND 6TH DAY OF JULY, A.D., 2009.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 10TH DAY OF JULY A.D., 2009. CHICAGO, IL.



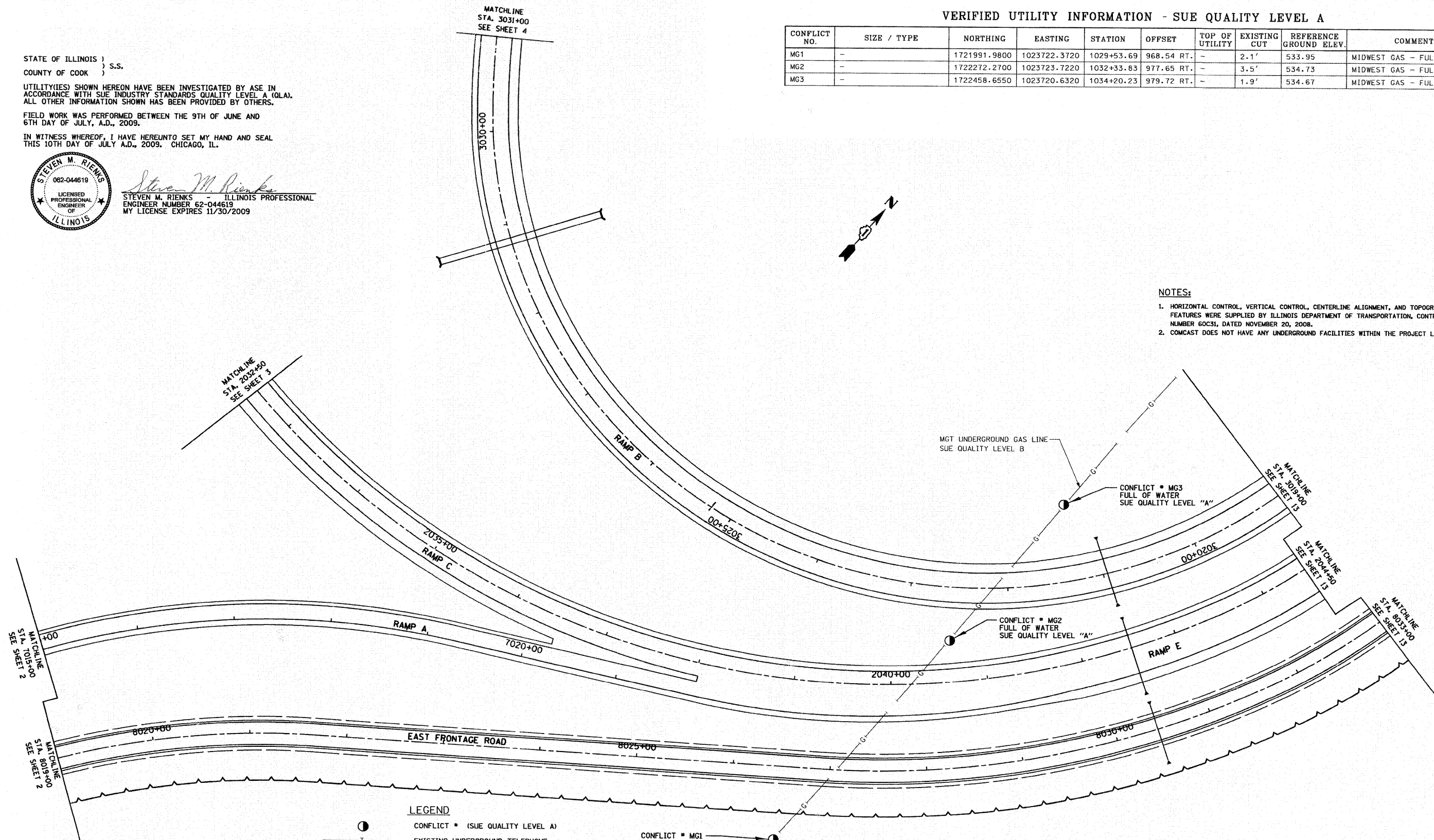
Steven M. Rienks
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009

VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
MG1	-	1721991.9800	1023722.3720	1029+53.69	968.54 RT.	-	2.1'	533.95	MIDWEST GAS - FULL OF WATER
MG2	-	1722272.2700	1023723.7220	1032+33.83	977.65 RT.	-	3.5'	534.73	MIDWEST GAS - FULL OF WATER
MG3	-	1722458.6550	1023720.6320	1034+20.23	979.72 RT.	-	1.9'	534.67	MIDWEST GAS - FULL OF WATER

NOTES:

- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60C31, DATED NOVEMBER 20, 2008.
- COMCAST DOES NOT HAVE ANY UNDERGROUND FACILITIES WITHIN THE PROJECT LIMITS.

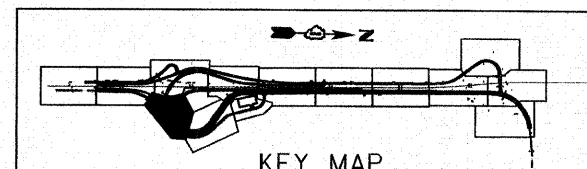


LEGEND

- CONFLICT * (SUE QUALITY LEVEL A)
- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC

CONFLICT * MG1
 FULL OF WATER
 SUE QUALITY LEVEL "A"

AMERICAN
 SURVEYING & ENGINEERING, P.C.
 SURVEYORS - ENGINEERS
 GEODESISTS - MAPPING SCIENTISTS
 Chicago 773-444-0800 / Fax 773-444-0808
 Downers Grove 815-288-6231 / Fax 815-288-6277
 Aurora 630-897-4105 / Fax 630-897-4121
 Illinois Professional Design Firm No. 184-003192



FILE NAME =	USER NAME =	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = 1"=50'	CHECKED -	REVISED -
	PLOT DATE = 1/16/2009	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

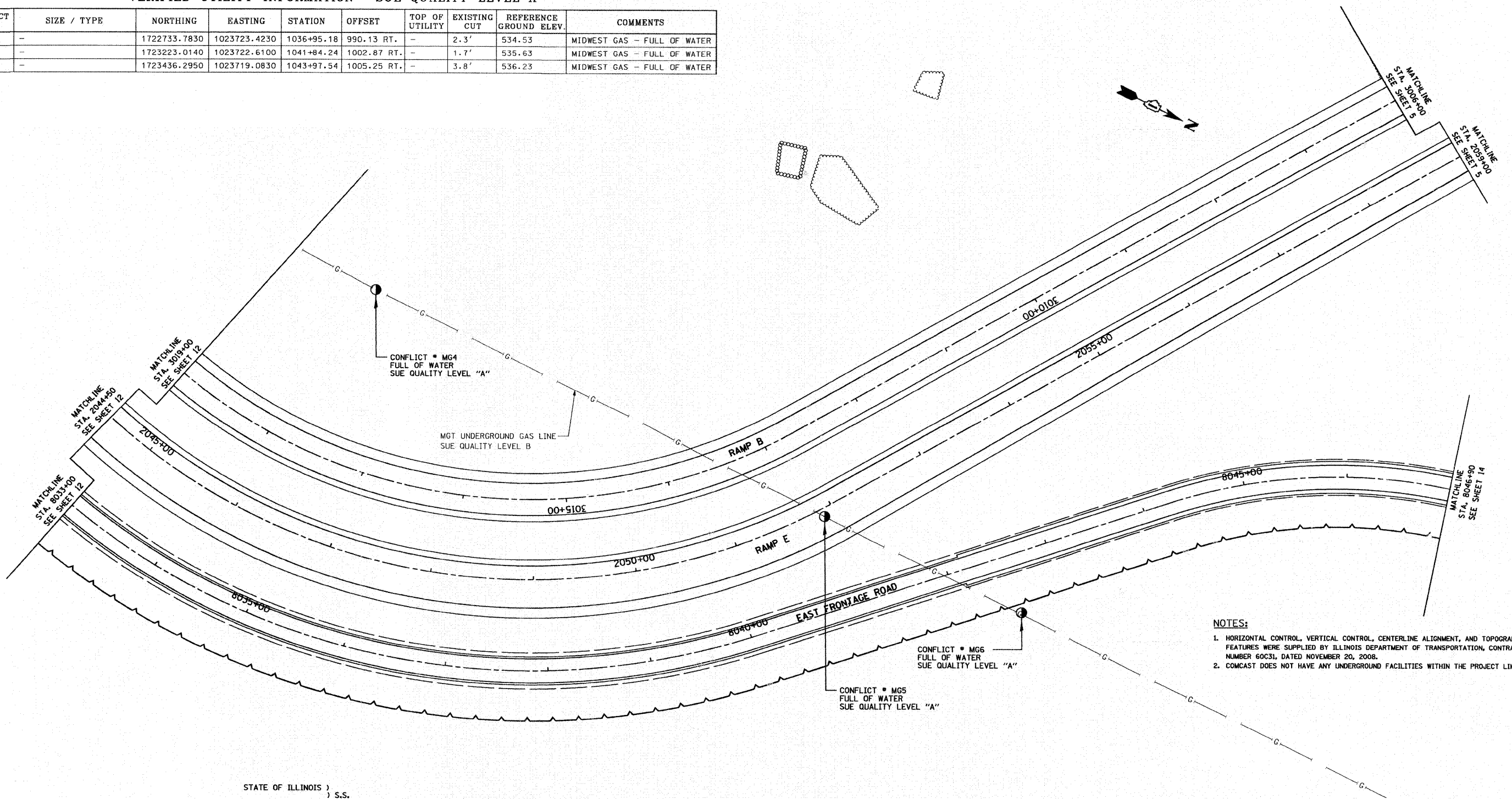
SUE INVESTIGATION OF
 UNDERGROUND UTILITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2-R	WILL	524	217
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60C31	

VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
MG4	-	1722733.7830	1023723.4230	1036+95.18	990.13 RT.	-	2.3'	534.53	MIDWEST GAS - FULL OF WATER
MG5	-	1723223.0140	1023722.6100	1041+84.24	1002.87 RT.	-	1.7'	535.63	MIDWEST GAS - FULL OF WATER
MG6	-	1723436.2950	1023719.0830	1043+97.54	1005.25 RT.	-	3.8'	536.23	MIDWEST GAS - FULL OF WATER



NOTES:
 1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60C31, DATED NOVEMBER 20, 2008.
 2. COMCAST DOES NOT HAVE ANY UNDERGROUND FACILITIES WITHIN THE PROJECT LIMITS.

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 A (QLA). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 9TH OF JUNE AND 6TH DAY OF JULY, A.D., 2009.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 10TH DAY OF JULY A.D., 2009. CHICAGO, IL.

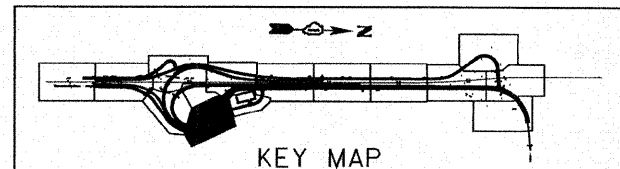
LEGEND

- CONFLICT * (SUE QUALITY LEVEL A)
- T- EXISTING UNDERGROUND TELEPHONE
- W- EXISTING UNDERGROUND WATER
- E- EXISTING UNDERGROUND ELECTRIC
- G- EXISTING UNDERGROUND GAS
- CTV- EXISTING UNDERGROUND CABLE TV
- FO- EXISTING UNDERGROUND FIBER OPTIC



Steven M. Rienks
 STEVEN M. RIENKS ILLINOIS PROFESSIONAL
 ENGINEER NUMBER 62-044619
 MY LICENSE EXPIRES 11/30/2009

AMERICAN
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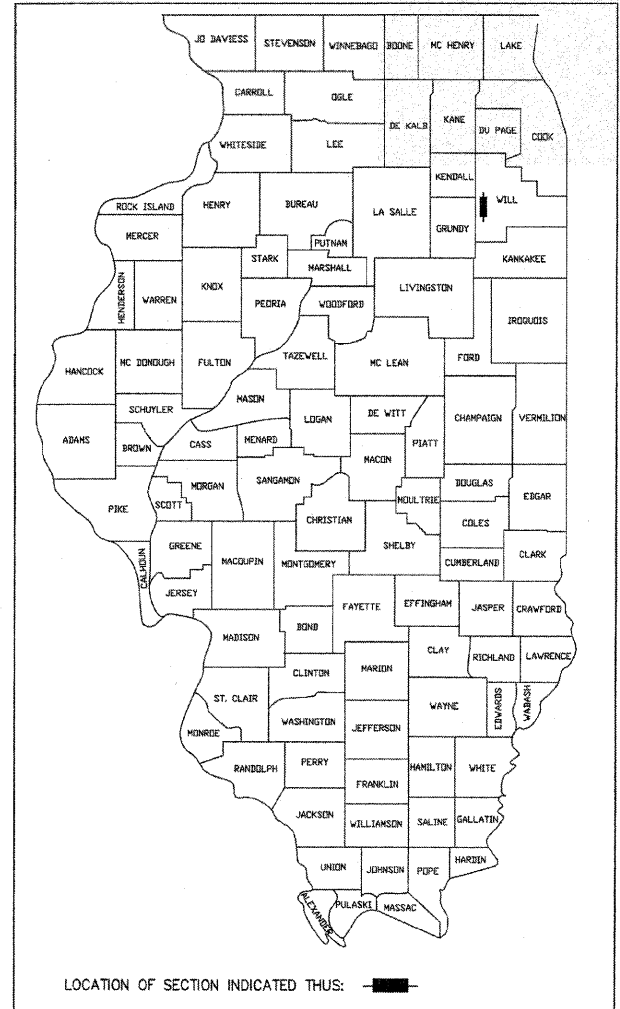


FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUE INVESTIGATION OF UNDERGROUND UTILITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -					55	99-2HB-2-R	WILL	524	218
		CHECKED -	REVISED -					CONTRACT NO. 60C31				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			

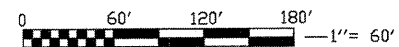
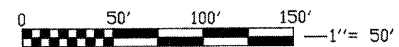
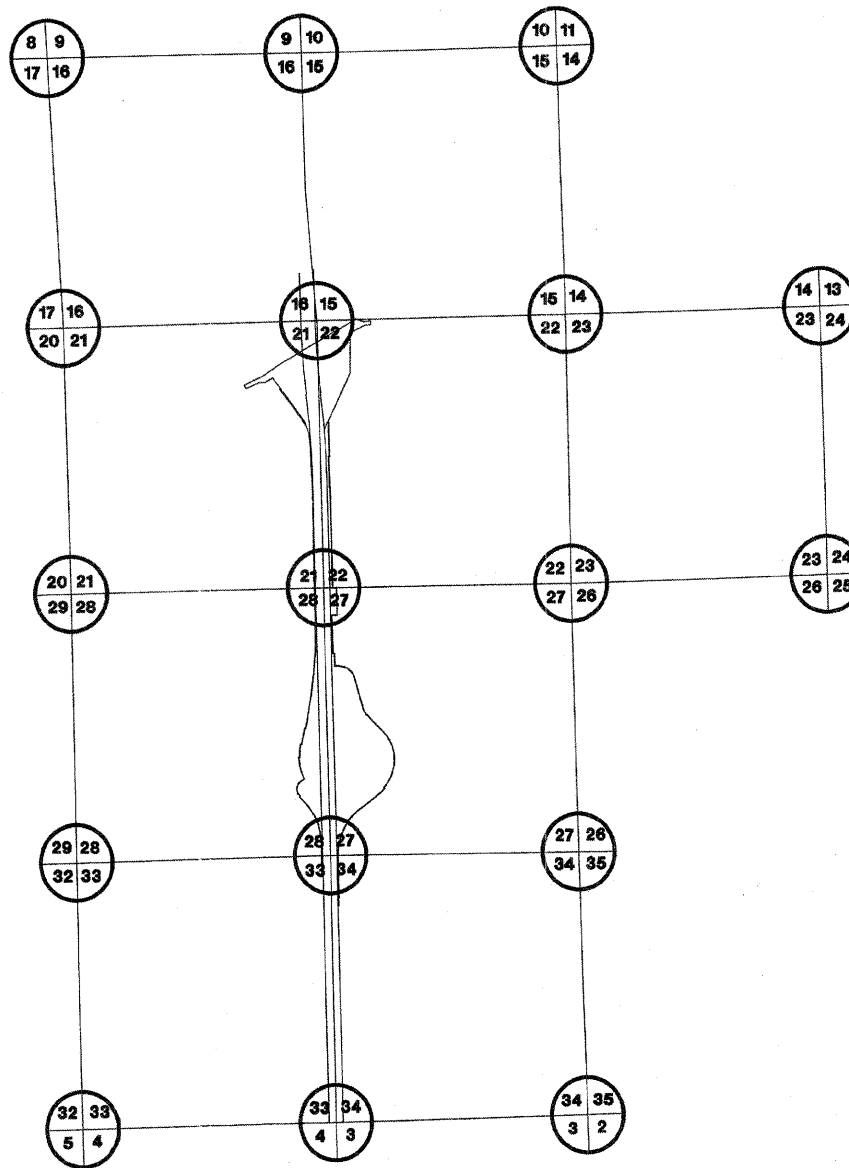
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FOR PROPOSED FEDERAL AID ROUTE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD	WILL	524	219
STA. 5000+00		TO STA. 978+26		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

ROUTE: F.A.I. ROUTE 55 AT ARSENAL ROAD
PROJECT NO.:
JOB NO.: R-91-014-02
COUNTY: WILL



CHANNAHON TOWNSHIP
34 NORTH-RANGE 9 EAST



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

JULIE.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

PROJECT LENGTH : 11,500 LIN. FT. = 2.18 MI.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: _____ 2008

DISTRICT ENGINEER

SUBMITTED: _____ 2008

DISTRICT RIGHT OF WAY PLANS ENGINEER

SUBMITTED: _____ 2008

DISTRICT LAND ACQUISITION ENGINEER

SUBMITTED: _____ 2008

CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER

RECEIVED 2008
APR 27 2009
PLATS & LEGALS
ENGINEER OF LAND ACQUISITION

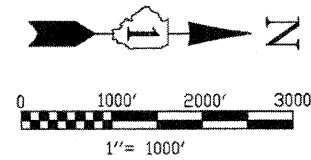
IDOTB SB - 070951



PART OF SECS. 22, 23, 27, & 34, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY		
1GQ0001	MOBIL OIL CORPORATION	501.711	81.014	17.890	420.697	N/A	10-27-100-006	N/A			
1GQ0001E-A						0.085			TEMPORARY		
1GQ0003-A	MOBIL JOLIET REFINING CORPORATION	734.184	13.484	9.237	720.658	N/A	10-22-100-006	N/A			
1GQ0003-B			0.042	N/A		N/A		N/A		TEMPORARY	
1GQ0003TE-A								0.033		TEMPORARY	
1GQ0003TE-B								0.054		TEMPORARY	
1GQ0003TE-C								0.444		TEMPORARY	

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD.	WILL.	524	220
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

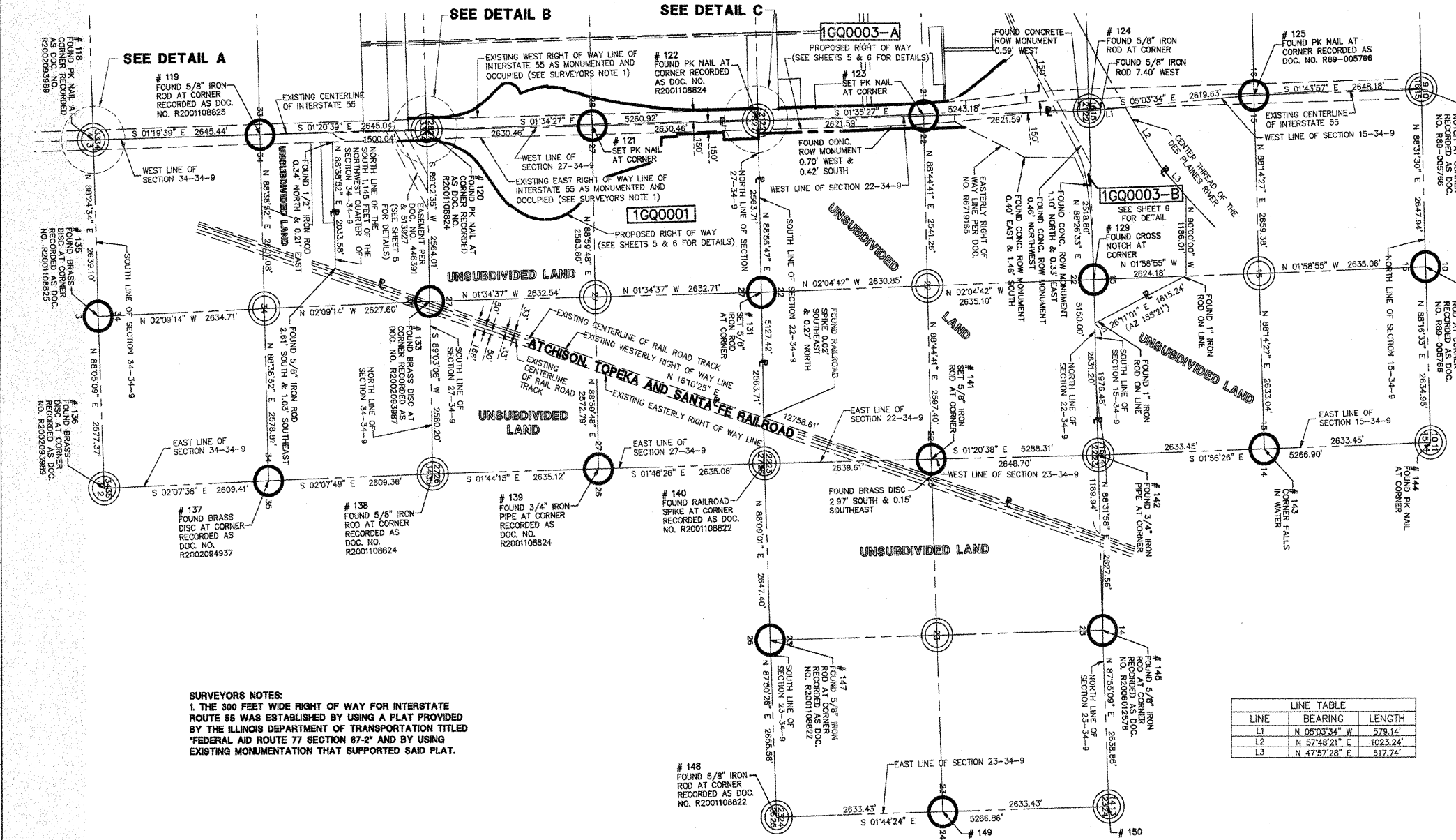


BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT1 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
- 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 STAKING OR 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 COLOR 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.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

Jun 12, 2009 - 07:59 Des Name: P:\0078\Draw\Survey\Drawings\Plot of Highways\02-10078-SB-Mobile\wg Updated By: bairight
 CHECKED LINKED NO.



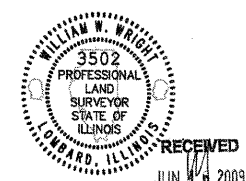
SURVEYORS NOTES:
 1. THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION UNDER "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.

LINE	BEARING	LENGTH
L1	N 05°03'34" W	578.14'
L2	N 57°48'21" E	1023.24'
L3	N 47°57'28" E	617.74'

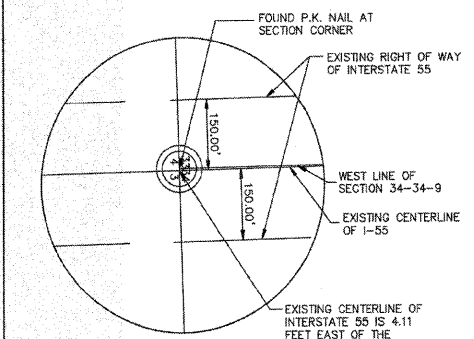
STATE OF ILLINOIS)
 COUNTY OF DuPAGE)
 I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO 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 LOMBARD, ILLINOIS THIS ____ DAY OF _____, A.D., 2009.

FOR REVIEW ONLY

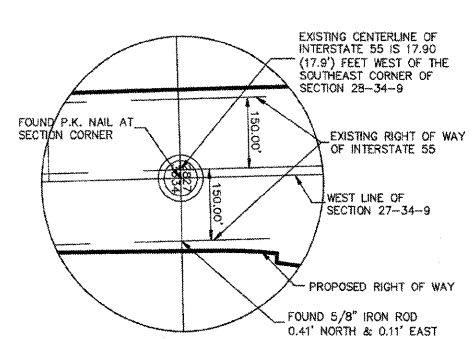
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
 LICENSE EXPIRES NOVEMBER 30, 2010
 DESIGN FIRM LICENSE NO. 184003350
 LICENSE EXPIRES APRIL 30, 2011



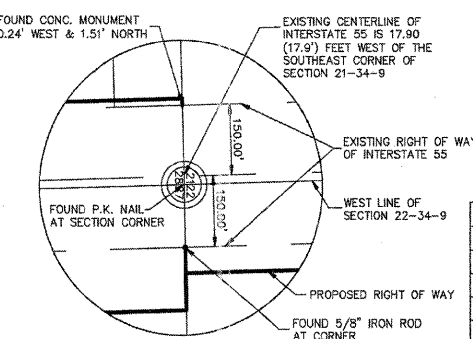
IDOTB SB -- 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED PLATS & LEGALS



DETAIL A
SCALE: 1"=200'



DETAIL B
SCALE: 1"=200'



DETAIL C
SCALE: 1"=200'

REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER IN-HOUSE REVIEW/ADDED EASEMENT 448391	MAC/WWW
12/12/08	REVISED PER IN-HOUSE REVIEW	WWW
12/08/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
06/23/08	REVISED LOCATION OF THE NORTH 1/4 CORNER OF SECTION 22 (POINT 129)	MAC/WWW
02/15/08	REMOVE NOTE "SET 5/8" IRON ROD" FROM POINTS 149 & 150	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

RECORDING: RECORDED ON

Manhard CONSULTING LTD.
 3502 Hwy 140, Suite 100, Lombard, IL 60148
 630.261.8100 FAX 630.261.8101
 Civil Engineers - Surveyors - Water Resources Engineers - Water & Wastewater Engineers - Construction Managers - Environmental Scientists - Landscape Architects - Planners

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55

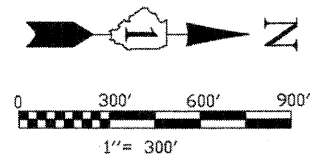
SECTION: AT ARSENAL ROAD WILL COUNTY
 PROJECT: MOBIL OIL REFINERY BOUNDARY DETAIL JOB NO. R-91-014-02
 SCALE: 1" = 1000' SHEET 2 OF 17

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

AS DOCUMENT NO.

PART OF SECS. 28, & 33, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0002	THE DOW CHEMICAL COMPANY	143.131	21.237	N/A	121.894	N/A	10-28-200-001	N/A	
1GQ0002TE-A						0.049	10-28-400-001	TEMPORARY	
1GQ0002TE-B						0.049	10-33-200-001	TEMPORARY	
1GQ0001	MOBIL OIL CORPORATION	501.711	81.014	17.890	420.697	N/A	10-27-100-006	N/A	
1GQ0001TE-A						0.085		TEMPORARY	



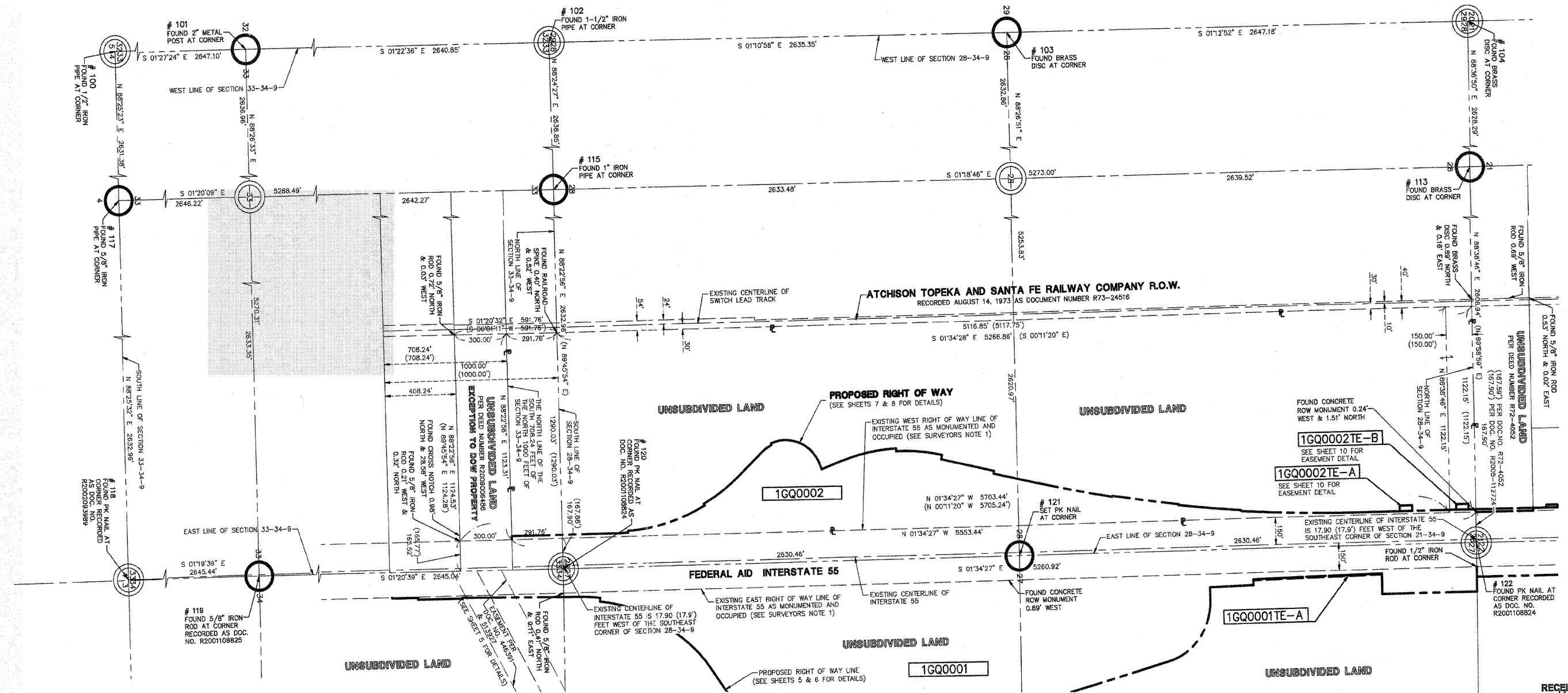
SURVEYORS NOTES:
 1. THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
 COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD.	WILL	524	221

FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT

Jun 12, 2009 - 07:09 Dwg Name: F:\DOTB\DWG\Surv\Final Drawings\Part of Highways\03-1007B-SB-Dow.dwg Updated By: wright
 CHECKED INKED
 NOTEBOOK NO.



LEGEND

- IRON ROD SET
 - IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
 - T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T3 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.
 - 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 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.
 - BT3 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.
 - 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 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 COLOR 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.
 - ◇ LIGHT STANDARD
 - P.O.B. = POINT OF BEGINNING
 - P.O.C. = POINT OF COMMENCEMENT
-
- SECTION LINE
 - - - QUARTER SECTION LINE
 - - - QUARTER, QUARTER SECTION LINE
 - - - PLATTED LOT LINE
 - - - PROPERTY (DEED) LINE
 - - - APL APPARENT PROPERTY LINE
 - - - CENTERLINE
 - - - EXISTING RIGHT OF WAY LINE
 - - - PROPOSED RIGHT OF WAY LINE
 - - - PROPOSED EASEMENT
 - - - MEASURED DIMENSION
 - - - COMPUTED DIMENSION
 - - - RECORD DATA
 - ▨ EXISTING BUILDING

STATE OF ILLINOIS)
)SS
 COUNTY OF DUPAGE)

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS _____ DAY OF _____, A.D., 2009.

FOR REVIEW ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
 LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
 LICENSE EXPIRES APRIL 30, 2011



RECEIVED JUN 16 2009 PLATS & LEGALS

SDOTB SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 55

SECTION: AT ARSENAL ROAD WILL COUNTY
 PROJECT JOB NO. R-91-014-02
 DOW CHEMICAL COMPANY BOUNDARY DETAIL
 SCALE: 1" = 300' SHEET 3 OF 17

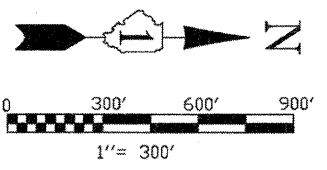
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

AS DOCUMENT NO.

REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER I.D.O.T. REVIEW	MAC/WWW
04/24/09	REVISED PER I.D.O.T. REVIEW	WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
	RECORDING: RECORDED ON	

PART OF SEC. 21, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0004	HOFFMAN RAIL DISTRIBUTION CENTER, L.L.C.	24.491	0.080	N/A	24.411	N/A	10-21-400-005		
1GQ0005-A	INEOS NOVA, LLC A DELAWARE LIMITED LIABILITY COMPANY	118.746	0.290	N/A	118.163	N/A	10-21-200-003 10-21-200-005		
1GQ0005-B			0.293						
1GQ0005TE-A			N/A						
1GQ0006PE	COMMONWEALTH EDISON CO.	8.500	N/A	N/A	8.500	0.114	10-21-300-004	PERMANENT	
1GQ0007	HOFFMAN PROPERTY HOLDING, L.L.C.	6.026	0.172	N/A	5.854	N/A	10-21-400-004		
1GQ0008	HOFFMAN PROPERTY HOLDING, L.L.C.	3.616	0.121	N/A	3.495	N/A	10-21-400-006		
1GQ0008TE-A			N/A						
						0.067		TEMPORARY	



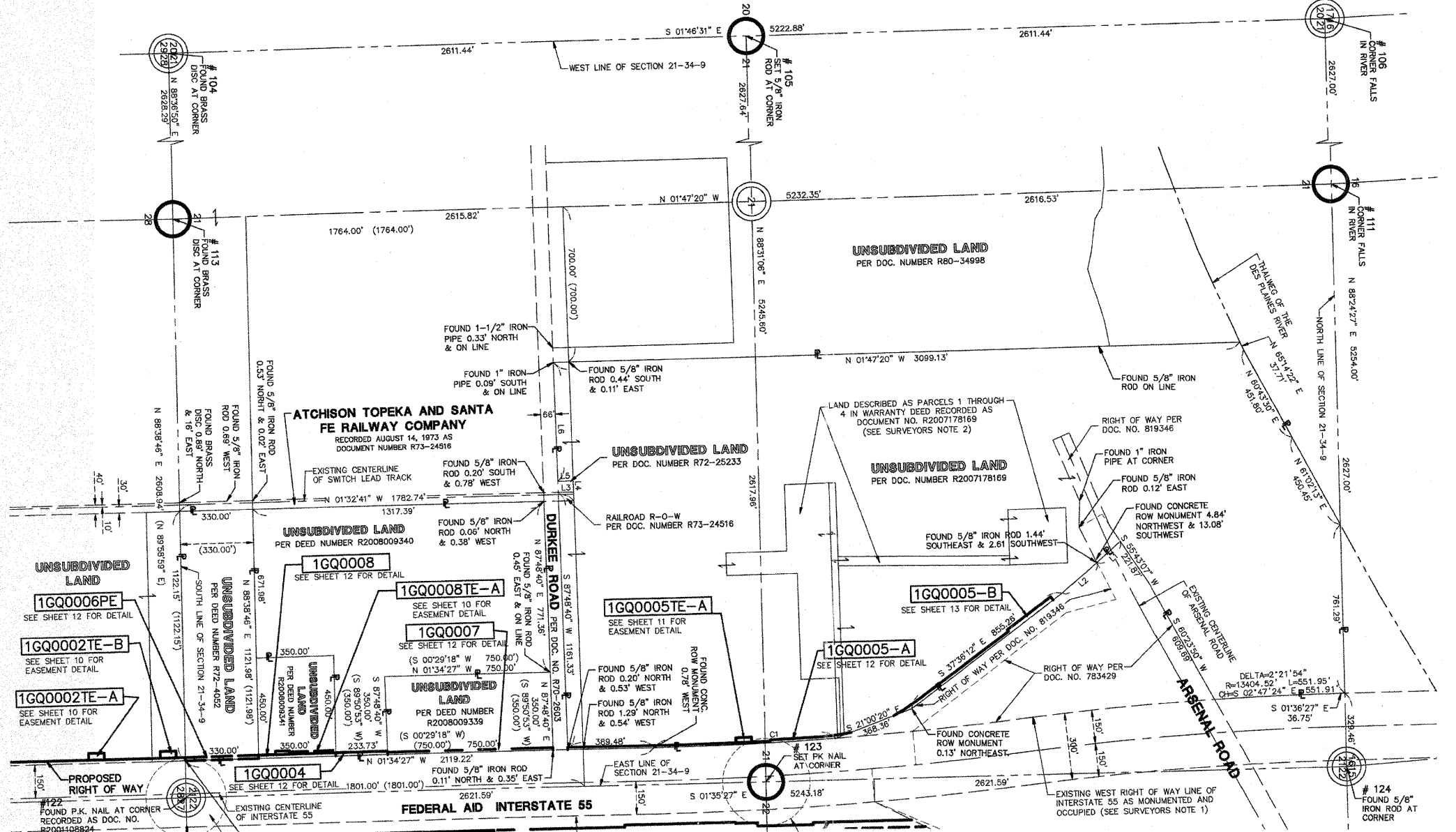
BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID A22474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995549

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD.	WILL	524	222

FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT

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 RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3 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.
- BT1 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.
- BT2 STAKING OR 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 COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT3
- M PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT



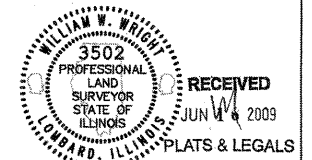
STATE OF ILLINOIS)
COUNTY OF DuPage)

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS _____ DAY OF _____ A.D., 2009.

FOR REVIEW ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010
DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2011

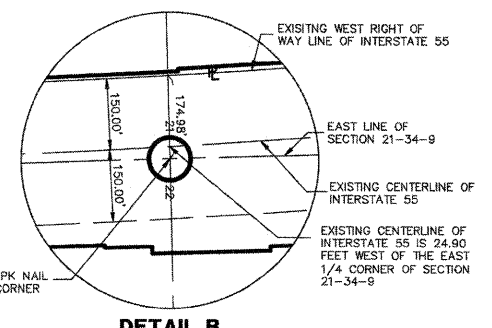
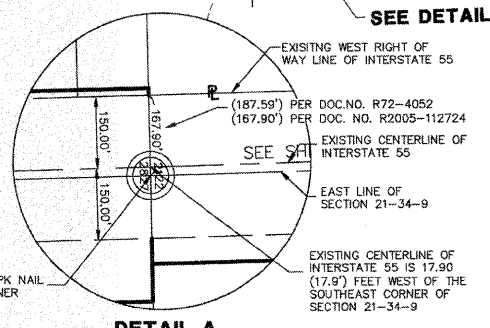


IDOT8 SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA ANGLE
C1	16066.85'	820.53'	N 03°02'14" W	820.44'	2°58'34"

LINE TABLE		
LINE	BEARING	LENGTH
L1	S 42°55'25" E	143.13'
L2	S 41°28'08" E	210.66'
L3	N 01°32'41" W	69.36'
L4	S 87°50'05" W	50.00'
L5	S 01°32'41" E	69.39'
L6	S 87°48'40" W	539.18'

SURVEYOR NOTES:
1. THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.
2. DIMENSIONS FOR PARCELS 1 THROUGH 4 HAVE NOT BEEN SHOWN HEREON AS THEY ARE WITHIN THE OVERALL BOUNDARY OF THE INEOS NOVA LLC BOUNDARY AND DO NOT AFFECT THE TOTAL HOLDINGS.



REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER I.D.O.T. REVIEW	MAC/WWW
05/20/09	REVISED PER I.D.O.T. REVIEW	WWW
04/24/09	REVISED PER I.D.O.T. REVIEW	WWW
04/09/09	REVISED PER I.D.O.T. REVIEW	WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

RECORDING: RECORDED ON

Manhard CONSULTING LTD.

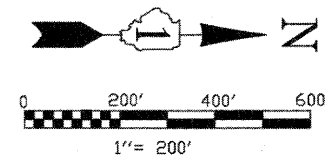
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55

SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
INEOS NOVA LLC, COMED & HOFFMAN BOUNDARY DETAIL
SCALE: 1" = 300' SHEET 4 OF 17

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

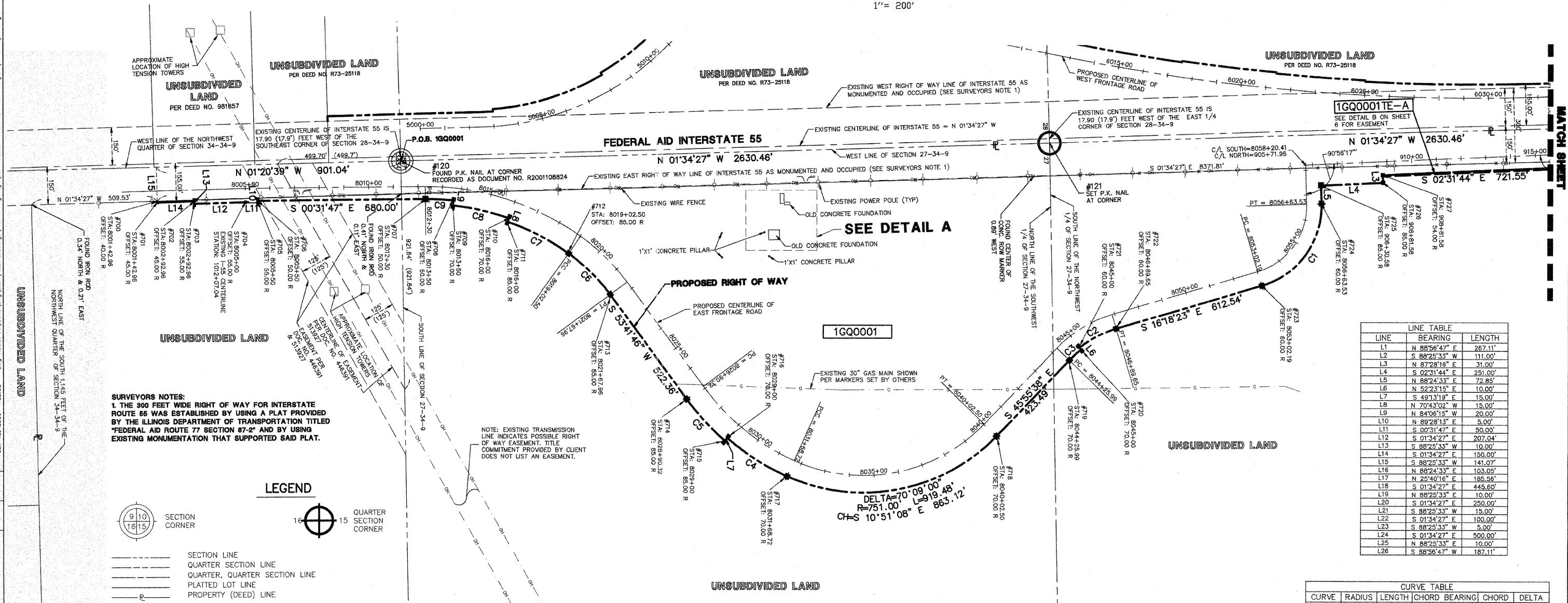
PART OF SECS. 15, 22, 23, 27 & 34, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0001	MOBIL OIL CORPORATION	501.711	81.014	17.890	420.697	N/A	10-27-100-006	N/A	
1GQ0001TE-A						0.085		TEMPORARY	



BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD.	WILL	524	223
	STA. 8001+42.96	STA. 8058+37.60		
	STA. 905+72.10	STA. 915+00.00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

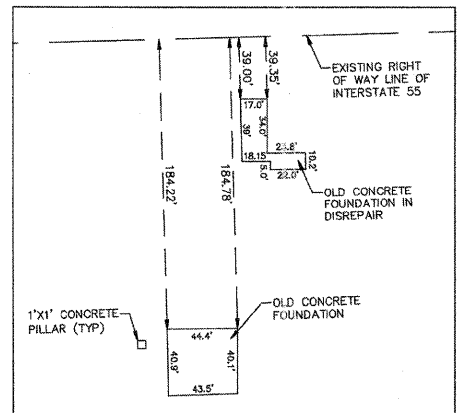


SURVEYORS NOTES:
1. THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 47-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.

NOTE: EXISTING TRANSMISSION LINE INDICATES POSSIBLE RIGHT OF WAY EASEMENT. TITLE COMMITMENT PROVIDED BY CLIENT DOES NOT JUST AN EASEMENT.



- IRON ROD SET
- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OR 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 COLOR 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.
- ◇ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT



DETAIL A
SCALE: 1" = 60'

LINE	BEARING	LENGTH
L1	N 88°56'47" E	267.11'
L2	S 88°25'33" W	111.00'
L3	N 87°28'16" E	31.00'
L4	S 02°31'44" E	251.00'
L5	N 88°24'33" E	72.85'
L6	N 52°23'15" E	10.00'
L7	S 49°13'19" E	15.00'
L8	N 70°43'02" W	15.00'
L9	N 84°08'15" W	20.00'
L10	N 89°28'13" E	5.00'
L11	S 00°31'47" E	50.00'
L12	S 01°34'27" E	207.04'
L13	S 88°25'33" W	10.00'
L14	S 01°34'27" E	150.00'
L15	S 88°25'33" W	141.07'
L16	N 88°24'33" E	103.05'
L17	N 25°40'16" E	185.56'
L18	S 01°34'27" E	445.80'
L19	N 88°25'33" E	10.00'
L20	S 01°34'27" E	250.00'
L21	S 88°25'33" W	15.00'
L22	S 01°34'27" E	100.00'
L23	S 88°25'33" W	5.00'
L24	S 01°34'27" E	500.00'
L25	N 88°25'33" E	10.00'
L26	S 88°56'47" W	187.11'

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C1	335.00'	440.18'	S 53°56'55" E	409.19'	75°17'04"
C2	450.00'	167.34'	S 26°57'34" E	166.38'	21°18'22"
C3	440.00'	63.85'	S 41°46'11" E	63.80'	8°18'53"
C4	1000.00'	288.95'	S 32°30'02" W	287.84'	18°33'19"
C5	1015.00'	228.84'	S 47°34'14" W	228.35'	12°55'08"
C6	750.00'	238.44'	S 44°35'19" W	237.42'	18°12'55"
C7	985.00'	278.47'	S 27°22'55" W	277.54'	16°11'53"
C8	1000.00'	233.64'	S 12°35'22" W	233.11'	13°23'13"
C9	1020.00'	114.39'	S 02°40'59" W	114.33'	6°25'33"

STATE OF ILLINOIS)
COUNTY OF DUPAGE)
I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS ____ DAY OF _____, A.D., 2009.

FOR REVIEW ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2011



REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER IN-HOUSE REVIEW/ADDED EASEMENT 446391	MAC/WWW
05/11/09	REVISED PER IN-HOUSE REVIEW	WWW
12/12/08	REVISED PARCEL 1GQ0001 & 1GQ0001TE-A	WWW
12/08/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

RECORDING: RECORDED ON

RECEIVED
JUN 16 2009
PLATS & LEGALS

IDOT SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD.
3502 Perry Road, Suite 201, Lombard, IL 60148
Civil Engineers - Surveyors - Water Resources Engineers - Water & Wastewater Engineers
Construction Managers - Environmental Scientists - Landscape Architects - Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55

SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
STATION 8005+00.00 TO STATION 8058+37.60
STATION 905+72.10 TO STATION 915+00.00
SCALE: 1" = 200' SHEET 5 OF 17

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

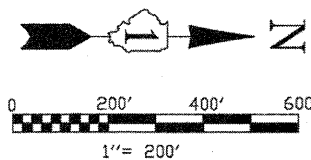
AS DOCUMENT NO.

Jun. 12, 2009 - 08:02 Dwg Name: P:\IDOTB\eng\Surv\Final Drawings\Plat of Highway 05-06 IDOTB-SB-Mobil Detail.dwg Updated By: bwright
 CHECKED INKED
 NOTEBOOK NO.

PART OF SECS. 15, 22, 23, 27, & 34, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0001	MOBIL OIL CORPORATION	501.711	81.014	17.890	420.697	N/A	10-27-100-006	N/A	
1GQ0001TE-A						0.085		TEMPORARY	
1GQ0003-A						N/A		TEMPORARY	
1GQ0003TE-A						N/A		TEMPORARY	
1GQ0003TE-B						N/A		TEMPORARY	
1GQ0003TE-C	N/A	N/A	N/A	N/A	N/A	0.444	10-22-100-006	TEMPORARY	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD.	WILL	524	224
STA. 915+00		TO STA. 954+45.60		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



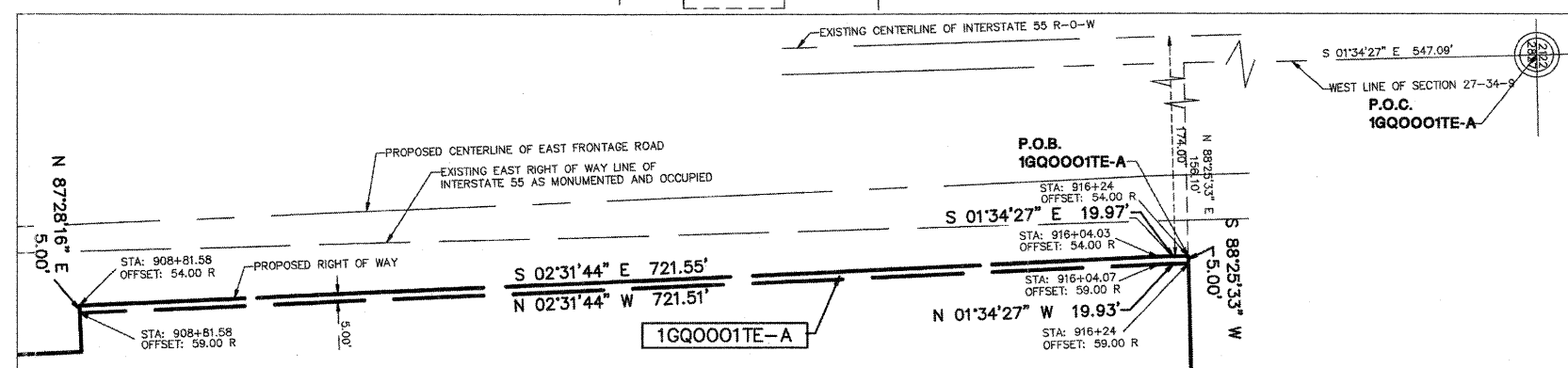
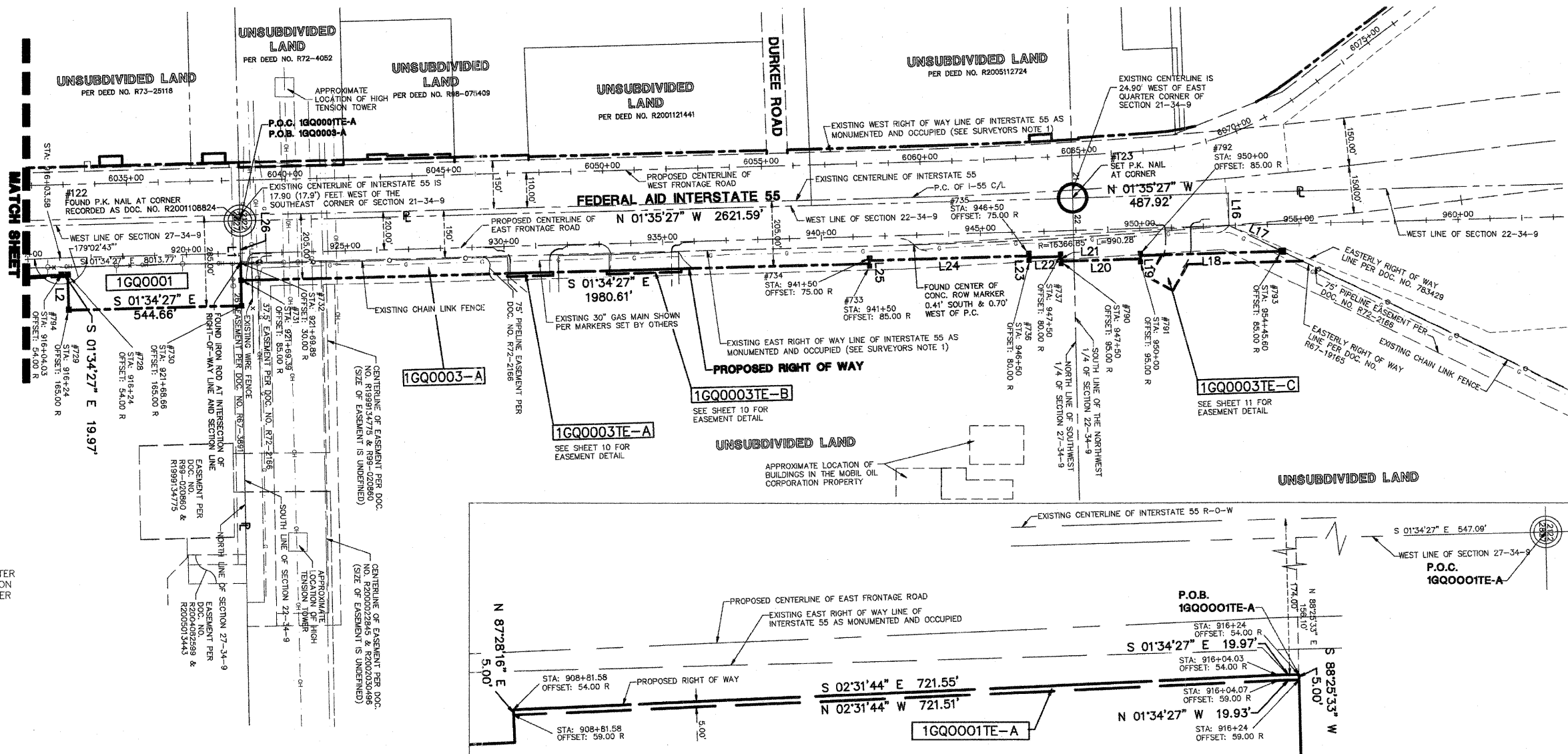
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COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

LINE	BEARING	LENGTH
L1	N 88°56'47" E	267.11'
L2	S 88°25'33" W	111.00'
L3	N 87°28'16" E	31.00'
L4	S 02°31'44" E	251.00'
L5	N 88°24'33" E	72.85'
L6	N 52°23'16" E	10.00'
L7	S 49°13'19" E	15.00'
L8	N 70°43'02" W	15.00'
L9	N 84°08'15" W	20.00'
L10	N 89°28'13" E	5.00'
L11	S 00°31'47" E	50.00'
L12	S 01°34'27" E	207.04'
L13	S 88°25'33" W	10.00'
L14	S 01°34'27" E	150.00'
L15	S 88°25'33" W	141.07'
L16	N 88°24'33" E	103.05'
L17	N 25°40'16" E	185.56'
L18	S 01°34'27" E	445.60'
L19	N 88°25'33" E	10.00'
L20	S 01°34'27" E	250.00'
L21	S 88°25'33" W	15.00'
L22	S 01°34'27" E	100.00'
L23	S 88°25'33" W	5.00'
L24	S 01°34'27" E	500.00'
L25	N 88°25'33" E	10.00'
L26	S 88°56'47" W	187.11'

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C1	335.00'	440.18'	S 53°56'55" E	408.19'	75°17'04"
C2	450.00'	167.34'	S 26°57'34" E	166.38'	21°18'22"
C3	440.00'	63.85'	S 41°46'11" E	63.80'	8°18'53"
C4	1000.00'	288.95'	S 32°30'02" W	287.94'	16°33'19"
C5	1015.00'	228.84'	S 47°14'14" W	228.36'	12°55'05"
C6	750.00'	238.44'	S 44°35'19" W	237.43'	18°12'55"
C7	985.00'	278.47'	S 27°22'55" W	277.54'	16°11'53"
C8	1000.00'	233.64'	S 12°35'22" W	233.11'	13°23'13"
C9	1020.00'	114.39'	S 02°40'59" W	114.33'	6°25'33"

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32' MEASURED DIMENSION
- 129.32'(COMP.) COMPUTED DIMENSION
- () RECORD DATA
- EXISTING BUILDING
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- STAKING OF PROPOSED RIGHT OF WAY.
- STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT



DETAIL B
SCALE: 1"=60'

STATE OF ILLINOIS))
COUNTY OF DuPAGE))
I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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.

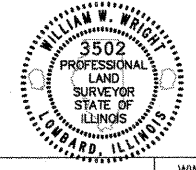
DATED AT LOMBARD, ILLINOIS THIS _____ DAY OF _____, A.D., 2009.

FOR REVIEW ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2011

REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER IN-HOUSE REVIEW	WWW
12/12/08	REVISED PER IN-HOUSE REVIEW	WWW
12/08/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW



RECEIVED
JUN 10 2009

PLATS & LEGALS

IDOT SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD.
2020 Highway 150, Lombard, IL 60148
Civil Engineers - Surveyors - Water Resources Engineers - Water & Wastewater Engineers - Construction Managers - Environmental Scientists - Landscape Architects - Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55

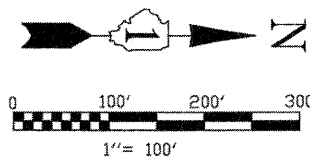
SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
STATION 915+00.00 TO STATION 954+49.48
SCALE: 1" = 200' SHEET 6 OF 17

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

RECORDING: RECORDED ON _____ AS DOCUMENT NO. _____

PART OF SEC. 28 & 33, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

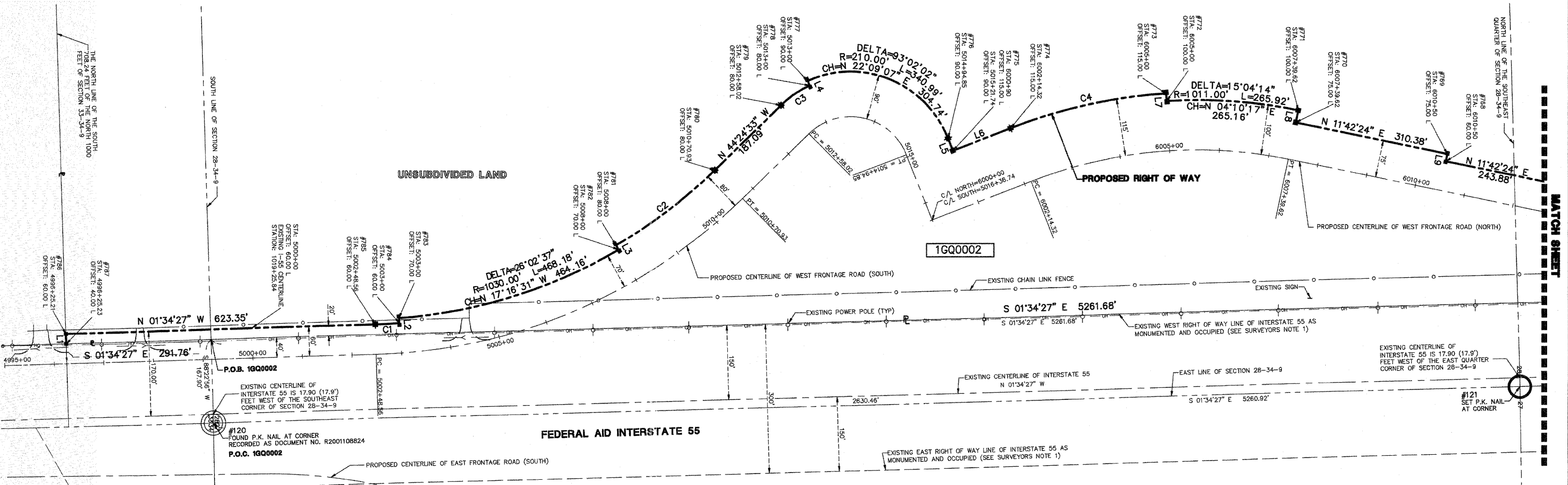
PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0002	THE DOW CHEMICAL COMPANY	143.131	21.237	N/A	121.894	N/A	10-28-200-001	N/A	
1GQ0002E-A						0.049	10-28-400-001	TEMPORARY	
1GQ0002E-B						0.049	10-33-200-001	TEMPORARY	



BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD.	WILL	524	225
STA. 4996+25.23		TD STA. 5016+36.74		
STA. 6000+00		TD STA. 6012+93.88		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

Jun 12, 2009 - 07:24 Dwg Name: P:\DOTS\Drawings\Sur\Final Drawings\Plot of Highway\07-08 10078-SB-Dow Detail.dwg Updated By: bwright
 CHECKED INKED
 NOTEBOOK NO.



SURVEYORS NOTES:
 1 THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.

LEGEND

- IRON ROD SET
 - IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
 - T2 IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T3 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 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 OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR 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.
 - ◇ LIGHT STANDARD
 - P.O.B. = POINT OF BEGINNING
 - P.O.C. = POINT OF COMMENCEMENT
- SECTION CORNER
 QUARTER SECTION CORNER
 SECTION LINE
 QUARTER SECTION LINE
 QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE
 APL APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 129.32'
 129.32'(COMP.)
 () RECORD DATA
 EXISTING BUILDING

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA ANGLE
C1	1040.00'	48.63'	N 02°54'50" W	48.63'	02°40'46"
C2	1020.00'	251.23'	N 37°21'11" W	250.59'	14°06'43"
C3	200.00'	69.97'	N 34°23'13" W	69.61'	20°02'38"
C4	1026.00'	321.74'	N 12°20'51" W	320.43'	17°58'02"

LINE	BEARING	LENGTH
L1	S 88°22'56" W	20.00'
L2	S 85°44'47" W	10.00'
L3	S 59°42'10" W	10.00'
L4	S 65°38'06" W	10.00'
L5	N 68°40'08" E	26.89'
L6	N 21°19'52" W	124.32'
L7	N 86°38'11" E	15.00'
L8	S 78°17'36" E	25.00'
L9	S 78°17'36" E	15.00'
L10	N 81°33'36" W	5.00'
L11	S 84°19'54" E	5.00'
L12	S 86°55'53" E	5.00'
L13	N 88°38'46" E	5.00'

STATE OF ILLINOIS)
)SS
 COUNTY OF DUPAGE)
 I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS _____ DAY OF _____, A.D., 2009.
FOR REVIEW ONLY
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
 LICENSE EXPIRES NOVEMBER 30, 2010
 DESIGN FIRM LICENSE NO. 184003350
 LICENSE EXPIRES APRIL 30, 2009



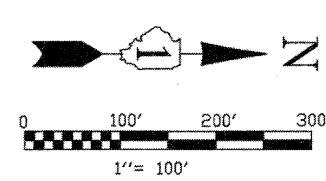
REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER I.D.O.T. REVIEW	MAC/WWW
04/24/09	REVISED PER I.D.O.T. REVIEW	WWW
12/08/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

IDOT SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED
 JUN 16 2009
Manhard CONSULTING LTD.
 PLATS & LEGALS
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55
 SECTION: AT ARSENAL ROAD WILL COUNTY
 PROJECT JOB NO. R-91-014-02
 STATION 5000+00.00 TO STATION 6012+93.88
 SCALE: 1" = 100' SHEET 7 OF 17
 BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196
 AS DOCUMENT NO.

RECORDING: RECORDED ON

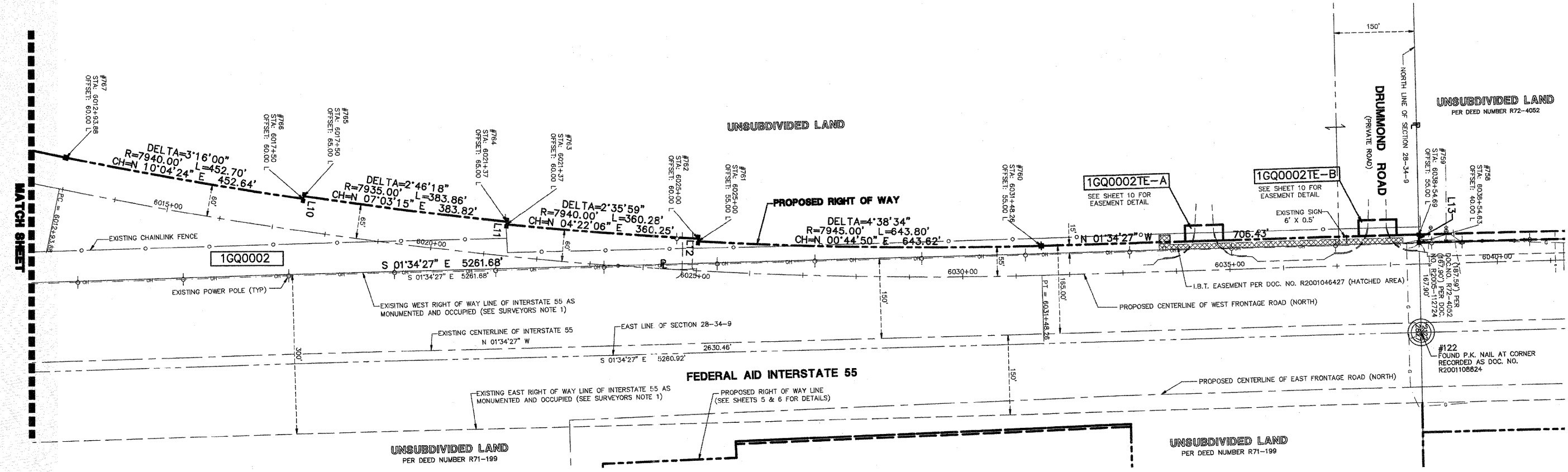
PART OF SEC. 28 & 33, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0002	THE DOW CHEMICAL COMPANY	143.131	21.237	N/A	121.894	N/A	10-28-200-001	N/A	
1GQ0002TE-A						0.049	10-28-400-001	TEMPORARY	
1GQ0002TE-B						0.049	10-33-200-001	TEMPORARY	



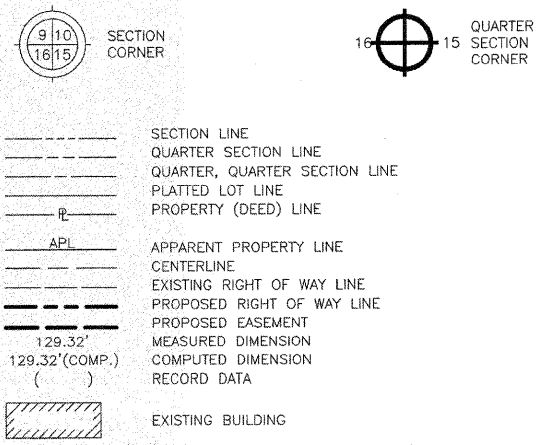
BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD.	WILL.	524	226
STA. 6012+93.88		TD STA. 6038+54.63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



SURVEYORS NOTES:
1. THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.

LEGEND



CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA ANGLE
C1	1040.00'	48.63'	N 02°54'50" W	48.63'	02°40'46"
C2	1020.00'	251.23'	N 37°21'11" W	250.59'	14°06'43"
C3	200.00'	69.97'	N 34°23'13" W	69.61'	20°02'38"
C4	1026.00'	321.74'	N 12°20'51" W	320.43'	17°58'02"

LINE TABLE

LINE	BEARING	LENGTH
L1	S 88°22'56" W	20.00'
L2	S 85°44'47" W	10.00'
L3	S 59°42'10" W	10.00'
L4	S 65°39'06" W	10.00'
L5	N 68°40'08" E	28.89'
L6	N 21°19'52" W	124.32'
L7	N 85°38'31" E	15.00'
L8	S 78°17'36" E	25.00'
L9	S 78°17'36" E	15.00'
L10	N 81°33'36" W	5.00'
L11	S 84°19'54" E	5.00'
L12	S 86°55'53" E	5.00'
L13	N 88°38'46" E	15.00'

STATE OF ILLINOIS)
COUNTY OF DuPAGE)

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS _____ DAY OF _____, A.D., 2009.

FOR REVIEW ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2011



REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER I.D.O.T. REVIEW	MAC/WWW
04/24/09	REVISED PER I.D.O.T. REVIEW	WWW
12/08/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

RECORDING: RECORDED ON

IDOTB SB - 070951 SHEET 1 IS A COVER SHEET & NOT TO BE RECORDED



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55

SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
STATION 6012+93.88 TO STATION 6038+54.63
SCALE: 1" = 100' SHEET 8 OF 17

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

AS DOCUMENT NO.

Jun 12, 2009 09:07:30 Dwg Name: F:\DOTB\Sub\Drawings\Plat of Highways\07-08 IDOTB-SB-Dow Detail.dwg Updated By: bwright
 CHECKED
 INKED
 NOTEBOOK NO.

PART OF SEC. 22, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0003-B	MOBIL JOLIET REFINING CORPORATION	734.184	0.042	N/A	720.727	N/A	10-22-100-006	N/A	

LINE TABLE

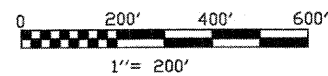
LINE	BEARING	LENGTH
L1	N 63°46'05" E	320.76'
L2	N 81°15'58" E	132.02'
L3	N 09°36'19" W	78.40'
L4	S 01°44'46" E	176.38'
L5	S 60°21'54" W	72.00'
L6	S 28°06'54" W	70.89'
L7	N 41°28'08" W	210.66'
L8	N 62°44'40" E	188.00'
L9	S 14°55'14" E	234.11'
L10	S 55°43'07" W	368.34'
L11	S 29°36'10" E	120.00'
L12	N 62°44'40" E	367.11'
L13	N 84°15'10" E	150.00'
L14	N 84°57'33" E	150.00'
L15	S 29°36'10" E	61.24'
L16	S 55°43'07" W	58.90'
L17	S 29°36'10" E	58.76'
L18	N 01°58'55" W	50.00'
L19	S 09°36'19" E	10.37'
L20	S 79°21'33" W	132.02'
L21	N 71°25'34" W	30.73'
L22	N 81°01'33" E	159.10'

CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA ANGLE
C1	16066.85'	349.64'	N 05°07'25" W	349.63'	1°14'49"
C2	16216.85'	199.89'	N 05°23'38" W	199.89'	0°42'22"
C3	7594.08'	977.76'	S 84°45'15" W	977.08'	02°22'57"

SURVEYORS NOTES:
 1. THE 300 FEET WEST RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. WAS CONTROL POINT PD AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
 COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD.	WILL	524	227
STA. 977+60		TO STA. 978+13.63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3 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.
- BT1 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.
- BT2 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 COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT3
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS)
)SS
 COUNTY OF DU PAGE)

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS _____ DAY OF _____, A.D., 2008.

FOR REVIEW ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
 LICENSE EXPIRES NOVEMBER 30, 2010
 DESIGN FIRM LICENSE NO. 184003350
 LICENSE EXPIRES APRIL 30, 2009



ID078 SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED



PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 55

RECEIVED
 APR 27 2009
 PLATS & LEGALS

SECTION: AT ARSENAL ROAD WILL COUNTY
 PROJECT JOB NO. R-91-014-02
 ARSENAL ROAD DETAIL, STA. 955+00 TO STA. 978+26.27
 SCALE: 1" = 200' SHEET 9 OF 17

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

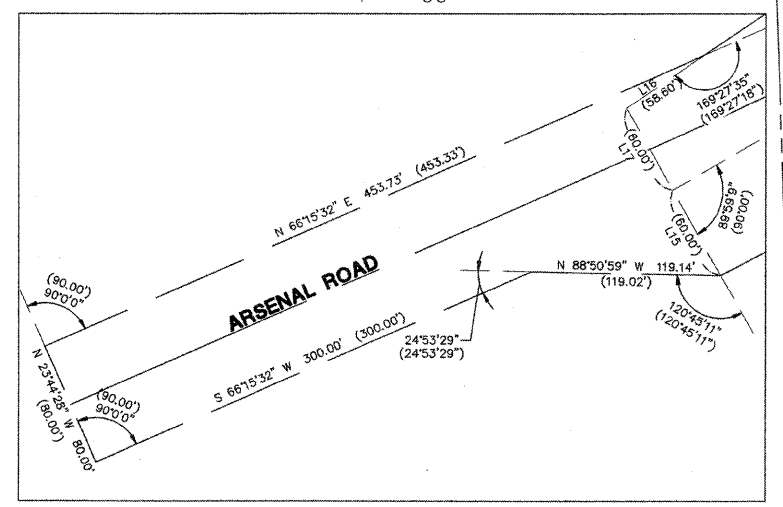
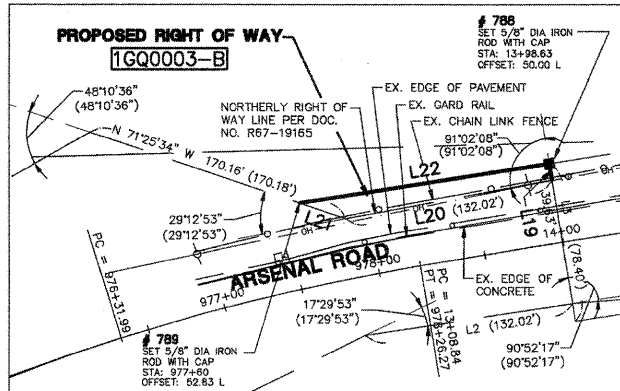
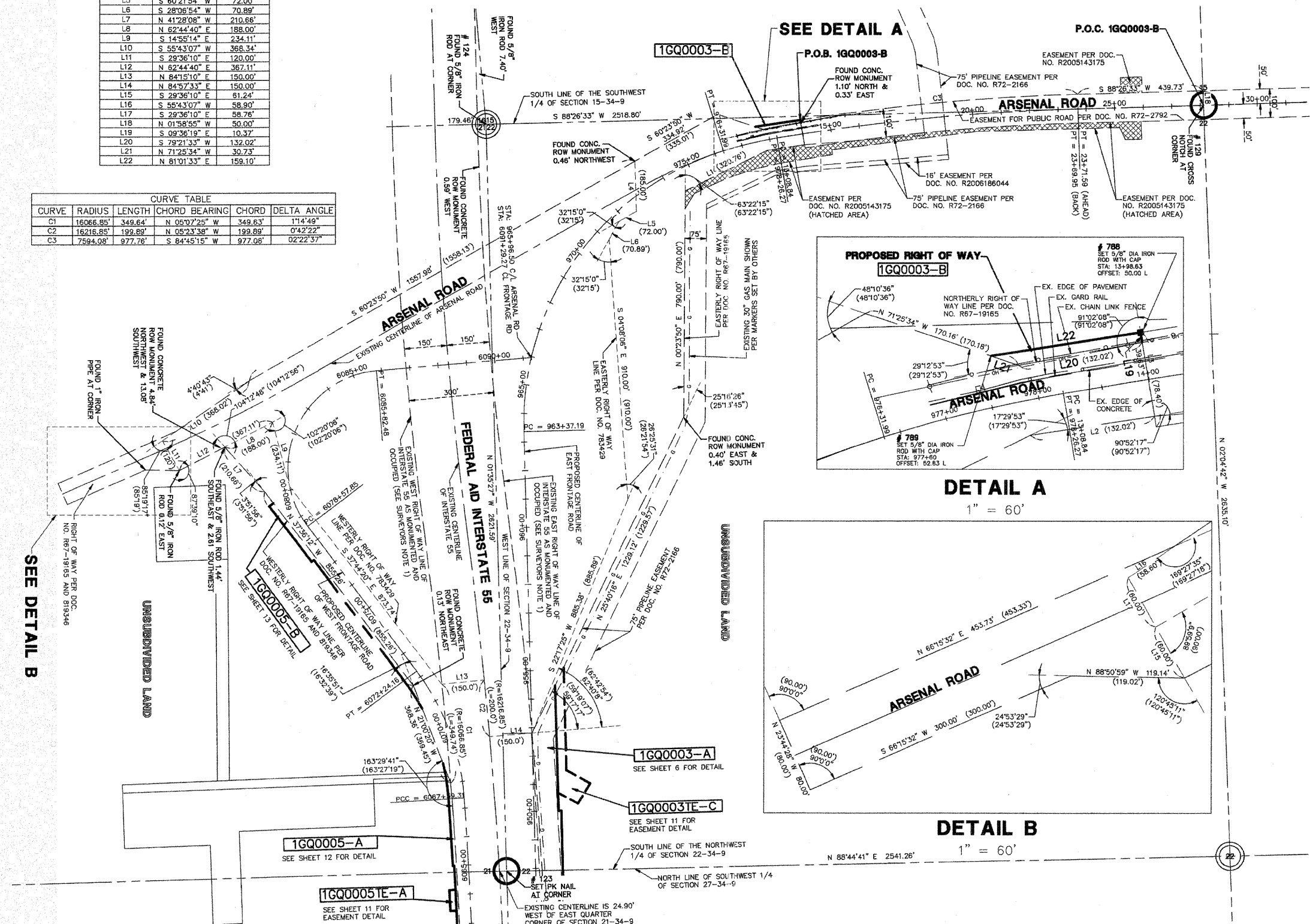
REVISION DATE	DESCRIPTION	INITIALS
12/08/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
06/23/08	REVISED LOCATION OF THE NORTH 1/4 CORNER OF SECTION 22 (POINT 129)	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
REVISION DATE	DESCRIPTION	INITIALS

RECORDING: RECORDED ON

AS DOCUMENT NO.

Apr 24, 2009 - 17:22 Dwg Name: P:\D078\SB\070951\Drawings\Plat of Highways\09-10078-SB-Arsenal Rd.dwg Updated By: bwright

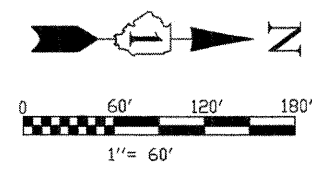
CHECKED	INKED	NO.



PART OF SECS. 21, 22 & 28, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD	WILL	524	228
STA. 6034+17.90		TD STA. 6045+21.42		
STA. 930+07.69		TD STA. 935+56.83		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

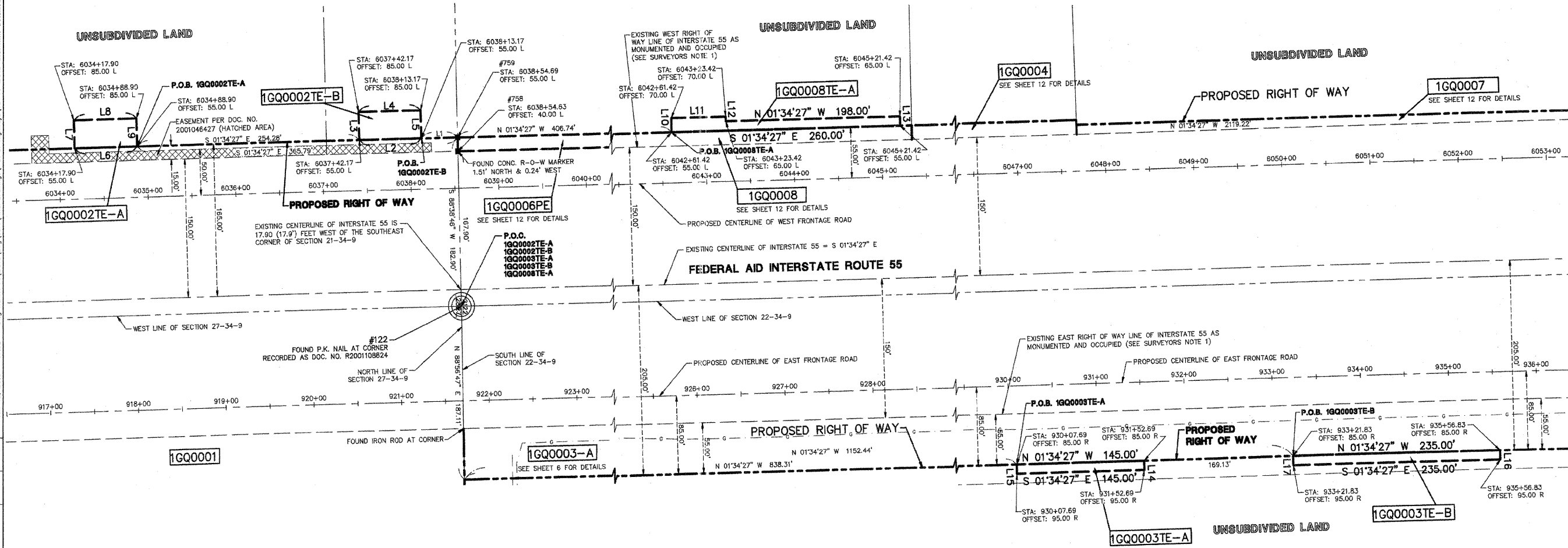
PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0002TE-A	THE DOW CHEMICAL COMPANY	143.131	N/A	N/A	N/A	0.049	10-28-200-001	TEMPORARY	
1GQ0002TE-B						0.049		TEMPORARY	
1GQ0003TE-A	MOBIL JOLIET REFINING CORPORATION	734.184	N/A	N/A	N/A	0.033	10-22-100-006	TEMPORARY	
1GQ0003TE-B						0.054		TEMPORARY	
1GQ0008TE-A	HOFFMAN PROPERTY HOLDING, L.L.C.	3.616	N/A	N/A	N/A	0.067	10-21-400-006	TEMPORARY	



BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

SURVEYORS NOTES:
1. THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.

Jun 12, 2009 - 07:32
 Dwg Name: P:\0018\Lang\Surv\Final Drawings\Part of Highways\10-11 ID07B-Easement-Details.dwg
 Updated By: bwright
 CHECKED
 LINKED
 NOTEBOOK NO.



CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C1	16050.00'	61.04'	S 02°59'40" E	61.04'	0°13'04"
C2	16050.00'	70.00'	S 02°45'38" E	70.00'	0°15'00"

LINE	BEARING	LENGTH
L1	S 01°34'27" E	41.51'
L2	S 01°34'27" E	71.00'
L3	S 88°25'33" W	30.00'
L4	N 01°34'27" W	71.00'
L5	N 88°25'33" E	30.00'
L6	S 01°34'27" E	71.00'
L7	S 88°25'33" W	30.00'
L8	N 01°34'27" W	71.00'
L9	N 88°25'33" E	30.00'
L10	S 88°25'33" W	15.00'
L11	N 01°34'27" W	62.00'
L12	N 88°25'33" E	5.00'
L13	N 88°25'33" E	10.00'
L14	N 88°25'33" E	10.00'
L15	S 88°25'33" W	10.00'
L16	N 88°25'33" E	10.00'
L17	S 88°25'33" W	10.00'
L18	S 86°58'37" W	21.50'
L19	N 03°01'23" W	70.00'
L20	N 86°58'37" E	21.82'
L21	N 25°40'16" E	69.90'

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3 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 OR 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 COLOR 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.
- ◇ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS)
COUNTY OF DuPAGE)

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS _____ DAY OF _____ A.D., 2009.

FOR REVIEW ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2011

REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER I.D.O.T. REVIEW	MAC/WWW
05/20/09	REVISED PER I.D.O.T. REVIEW	WWW
04/24/09	REVISED PER I.D.O.T. REVIEW	WWW
04/09/09	REVISED PER I.D.O.T. REVIEW	WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

RECEIVED
JUN 11 2009
PLATS & LEGALS

ID07B SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55

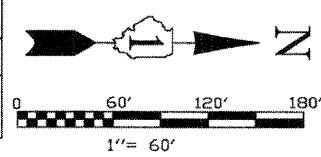
SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
EASEMENT DETAIL: 1GQ0002, 1GQ0003 & 1GQ0007
SCALE: 1" = 60' SHEET 10 OF 17

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

RECORDING: RECORDED ON AS DOCUMENT NO.

PART OF SEC. 21, 22, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

Table with 10 columns: PARCEL No., OWNER, TOTAL HOLDINGS (ACRES), PART TAKEN (ACRES), PREVIOUSLY DEDICATED (ACRES), REMAINDER (ACRES), EASEMENT AREA (ACRES), PERMANENT INDEX NUMBER, PURPOSE OF EASEMENT, ACQUIRED BY.

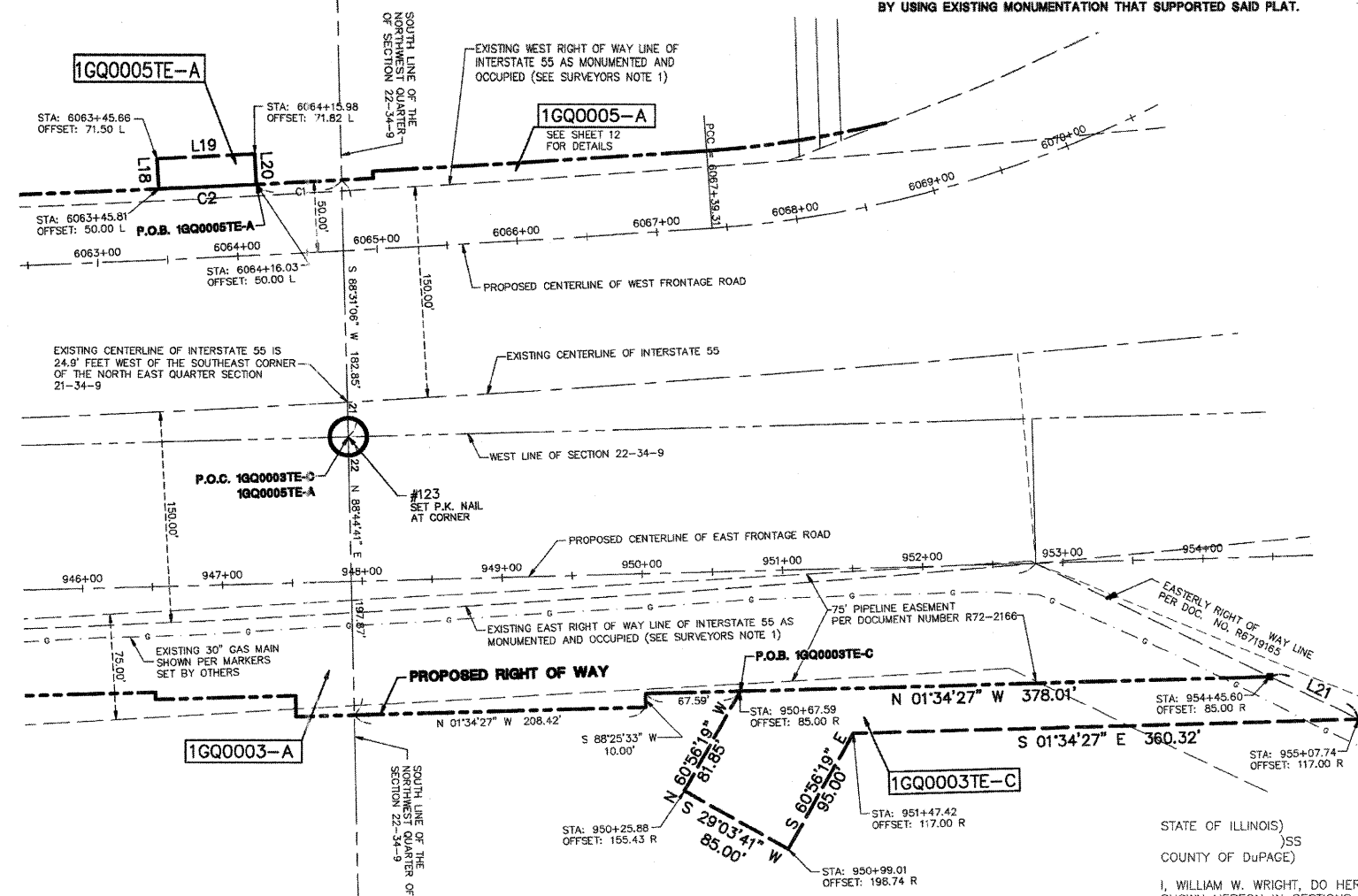


BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99985548

SURVEYORS NOTES:
1. THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.

Table with 5 columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values include 55, ARSENAL RD, WILL, 524, 229.

Main survey data table with 6 columns: PNO, NORTHING, EASTING, PNO, NORTHING, EASTING. Rows list station coordinates for various points along the survey lines.



LINE TABLE with columns: LINE, BEARING, LENGTH. Lists line segments L1 through L21 with their respective bearings and lengths.

CURVE TABLE with columns: CURVE, RADIUS, LENGTH, CHORD, BEARING, CHORD, DELTA. Lists curve data for curves C1 and C2.

LEGEND

- SECTION CORNER (circle with 9, 10, 16, 15)
- QUARTER SECTION CORNER (circle with 16, 15)
- SECTION LINE (dashed line)
- QUARTER SECTION LINE (dotted line)
- PLATTED LOT LINE (solid line)
- PROPERTY (DEED) LINE (dash-dot line)
- APPARENT PROPERTY LINE (long-dashed line)
- CENTERLINE (dotted line)
- EXISTING RIGHT OF WAY LINE (long-dashed line)
- PROPOSED RIGHT OF WAY LINE (dash-dot-dot line)
- PROPOSED EASEMENT (solid line)
- MEASURED DIMENSION (text)
- COMPUTED DIMENSION (text)
- RECORD DATA (text)
- EXISTING BUILDING (hatched area)
- IRON ROD SET (circle with dot)
- IRON PIPE OR ROD FOUND (circle with cross)
- CUT CROSS FOUND OR SET (circle with cross)
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. (circle with T1, T2, T3)
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. (circle with BT1, 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. (circle with M)
- STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURY 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. (circle with M)
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS) (circle with dot)
- RIGHT OF WAY STAKING PROPOSED TO BE SET. (circle with cross)
- LIGHT STANDARD (circle with dot)
- P.O.B. = POINT OF BEGINNING (circle with dot)
- P.O.C. = POINT OF COMMENCEMENT (circle with cross)

STATE OF ILLINOIS)
COUNTY OF DuPAGE)

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DATED AT LOMBARD, ILLINOIS THIS _____ DAY OF _____, A.D., 2009.

FOR REVIEW ONLY

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2009



IDOTB SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

RECEIVED
APR 7 2009
PLATS & LEGALS



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55
SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
EASEMENT DETAIL: 1GQ0003 & 1GQ0005
SCALE: 1" = 60' SHEET 11 OF 17

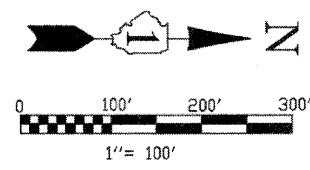
Revision table with columns: REVISION DATE, DESCRIPTION, INITIALS. Lists revisions from 04/24/09 to 01/22/08.

RECORDING: RECORDED ON

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196
AS DOCUMENT NO.

PART OF SEC. 21, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

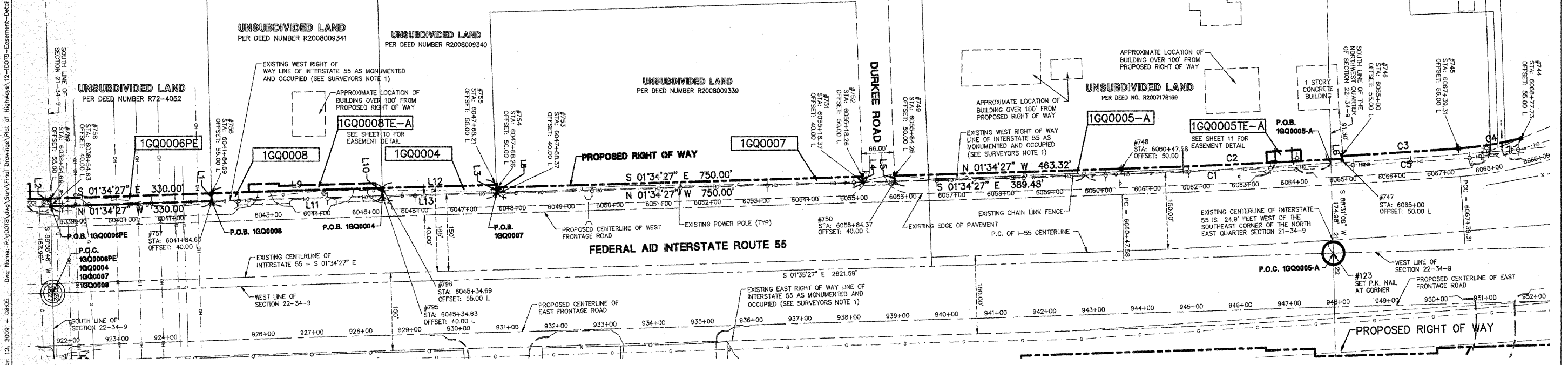
PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0004	HOFFMAN RAIL DISTRIBUTION CENTER, L.L.C.	24.491	0.080	N/A	24.411	N/A	10-21-400-005		
1GQ0005-A	INEOS NOVA, LLC A DELAWARE LIMITED LIABILITY COMPANY	118.746	0.290	N/A	118.163	N/A	10-21-200-003		
1GQ0005-B			0.293						
1GQ0005TE-A			N/A						
1GQ0006PE	COMMONWEALTH EDISON CO.	8.500	N/A	N/A	8.500	0.114	10-21-300-004	PERMANENT	
1GQ0007	HOFFMAN PROPERTY HOLDING, L.L.C.	6.026	0.172	N/A	5.854	N/A	10-21-400-004		
1GQ0008	HOFFMAN PROPERTY HOLDING, L.L.C.	3.616	0.121	N/A	3.495	N/A	10-21-400-006		
1GQ0008TE-A			N/A						
						0.067		TEMPORARY	



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COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD	WILL	524	230
STA. 6038+54.63	TO STA. 6068+77.73			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SURVEYORS NOTES:
1. THE 300 FEET WIDE RIGHT OF WAY FOR INTERSTATE ROUTE 55 WAS ESTABLISHED BY USING A PLAT PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION TITLED "FEDERAL AID ROUTE 77 SECTION 87-2" AND BY USING EXISTING MONUMENTATION THAT SUPPORTED SAID PLAT.



LINE	BEARING	LENGTH
L1	S 88°38'46" W	15.00'
L2	N 88°38'46" E	15.00'
L3	N 87°48'40" E	15.00'
L4	S 87°48'40" W	10.00'
L5	S 87°48'40" W	10.00'
L6	S 89°48'57" W	5.00'
L7	S 21°00'20" E	75.19'
L8	N 87°48'40" E	10.00'
L9	N 01°34'27" W	350.00'
L10	N 88°38'46" E	15.00'
L11	S 01°34'27" E	350.00'
L12	N 01°34'27" W	233.92'
L13	S 01°34'27" E	233.73'

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C1	16068.85'	502.09'	S 02°28'10" E	502.07'	147.26°
C2	16045.00'	451.00'	N 02°22'45" W	451.00'	136.36°
C3	16045.00'	238.49'	N 03°36'36" W	238.49'	051.06°
C4	285.00'	129.38'	N 08°45'24" W	129.21'	926.30°
C5	16068.85'	318.44'	S 03°36'57" E	318.43'	108.08°

LEGEND

- 9 10 SECTION CORNER
- 16 15 QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER LOT LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- 129.32' COMPUTED DIMENSION
- () RECORD DATA
- EXISTING BUILDING
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS))SS
COUNTY OF DuPAGE)
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DATED AT LOMBARD, ILLINOIS THIS ____ DAY OF _____, A.D., 2009.
FOR REVIEW ONLY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010
DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2011



REVISION DATE	DESCRIPTION	INITIALS
06/08/09	REVISED PER IN-HOUSE REVIEW	WWW
05/20/09	REVISED PER I.D.O.T. REVIEW	WWW
04/24/09	REVISED PER I.D.O.T. REVIEW	WWW
04/09/09	REVISED PER I.D.O.T. REVIEW	WWW
12/08/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
06/23/08	REVISED LOCATION OF THE NORTH 1/4 CORNER OF SECTION 22 (POINT 129)	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

IDOTB SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

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Civil Engineers - Surveyors - Water Resources Engineers - Water & Wastewater Engineers
Construction Managers - Environmental Scientists - Landscape Architects - Planners

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55

SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
STA. 6038+54.63 TO STA. 6068+77.73
SCALE: 1" = 100' SHEET 12 OF 17

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

AS DOCUMENT NO.

Jan. 12, 2009 - 08:05 Dwg Name: P:\IDOTB\dwg\Surv\Final Drawings\Plat of Highways\12-IDOTB-Easement-Detail.dwg Updated By: bwright

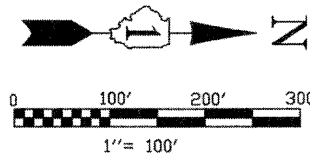
NO.	NOTEBOOK	CHECKED	INFILED

RECEIVED
JUN 10 2009
PLATS & LEGALS

RECORDING: RECORDED ON

PART OF SEC. 21, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDINGS (ACRES)	PART TAKEN (ACRES)	PREVIOUSLY DEDICATED (ACRES)	REMAINDER (ACRES)	EASEMENT AREA (ACRES)	PERMANENT INDEX NUMBER	PURPOSE OF EASEMENT	ACQUIRED BY
1GQ0005-A	INEOS NOVA, LLC A DELAWARE LIMITED LIABILITY COMPANY	118.746	0.290	N/A	118.163	N/A	10-21-200-003 10-21-200-005	TEMPORARY	
1GQ0005-B			0.293						
1GQ0005TE-A			N/A						



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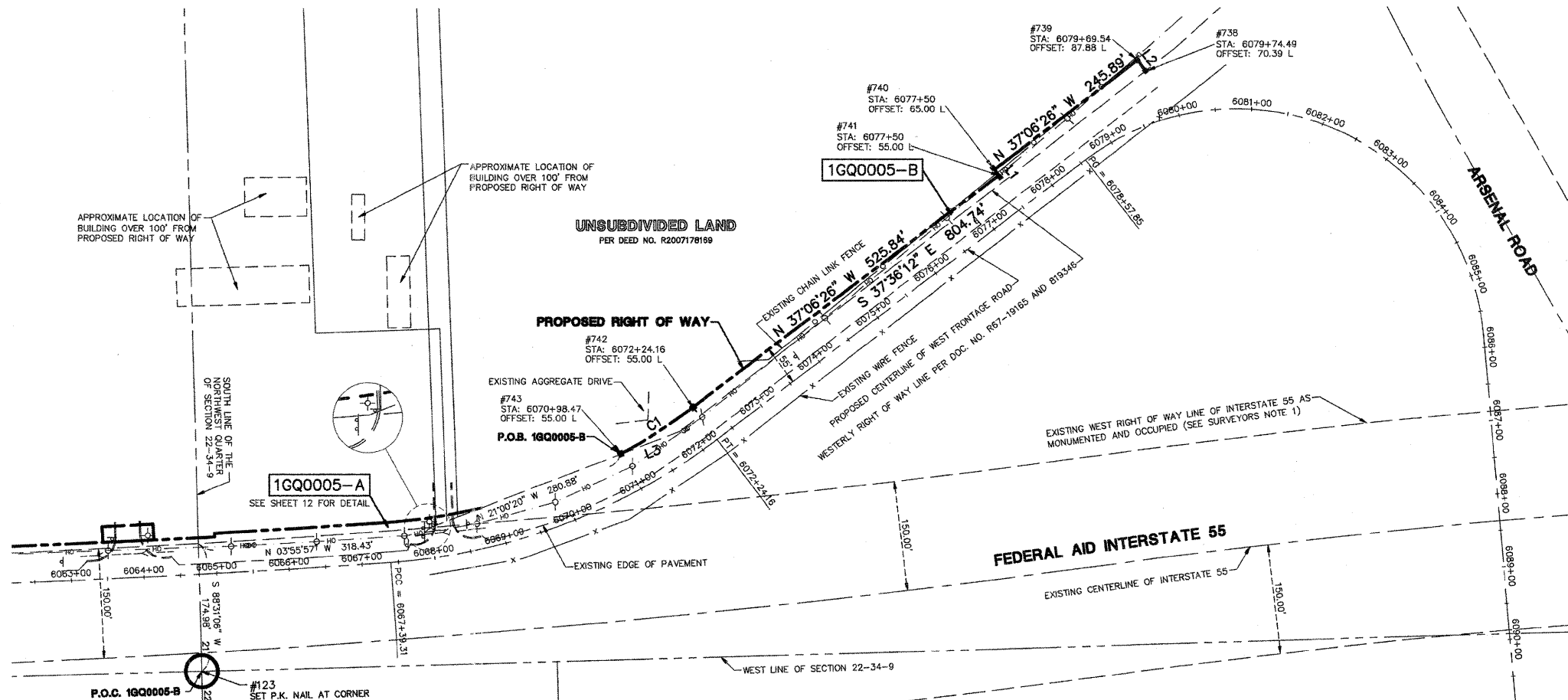
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	ARSENAL RD	WILL	524	231
STA. 6070+98.47		TO STA. 6079+69.54		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

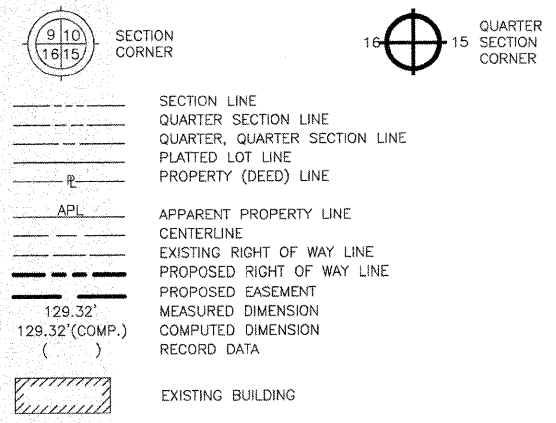
LINE	BEARING	LENGTH
L1	S 52°33'34" W	10.00'
L2	N 52°33'34" E	18.52'
L3	S 21°00'20" E	87.48'

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C1	785.00'	117.46'	N 32°49'14" W	117.35'	8°34'25"



Apr 24, 2009 -- 17:08 Dwg Name: F:\ID078\dwg\Surv\Final Drawings\Plat of Highways\13-0018-Easement-Details.dwg Updated By: bright
 CHECKED INKED
 NOTEBOOK NO.

LEGEND



- IRON ROD SET
- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- ⊙ PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.
- ⊕ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
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COUNTY OF DuPAGE)

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LICENSE EXPIRES APRIL 30, 2009

RECEIVED
APR 24 2009



REVISION DATE	DESCRIPTION	INITIALS
04/24/09	REVISED PER I.D.O.T. REVIEW	WWW
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
06/23/08	REVISED LOCATION OF THE NORTH 1/4 CORNER OF SECTION 22 (POINT 129)	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

RECORDING: RECORDED ON

ID078 SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING
 6000 Hwy 100, Suite 101, Lombard, IL 60148 Tel: (630) 941-0800 Fax: (630) 941-0805 www.manhard.com
 Civil Engineers - Surveyors - Water Resources Engineers - Water & Wastewater Engineers
 Construction Managers - Environmental Scientists - Landscape Architects - Planners

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 55

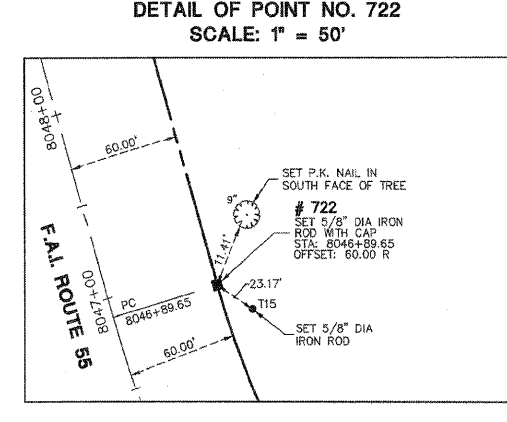
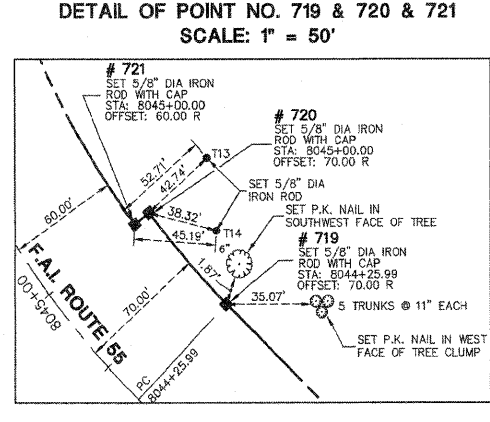
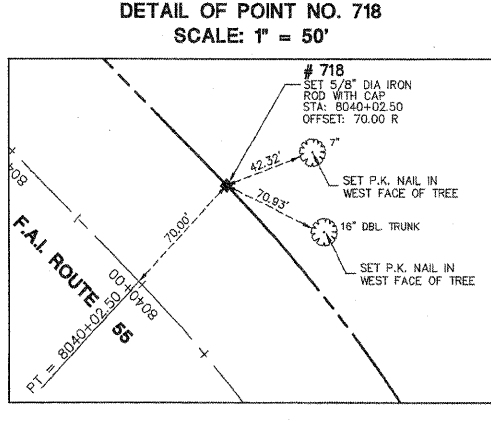
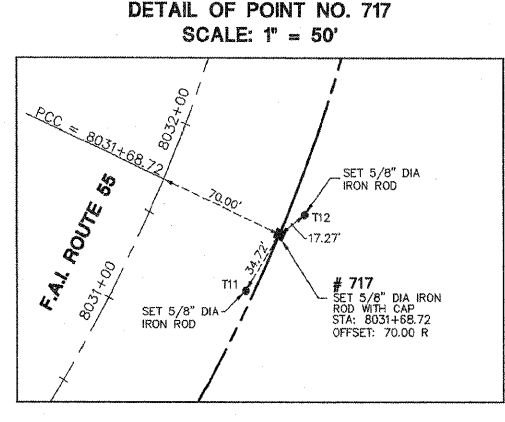
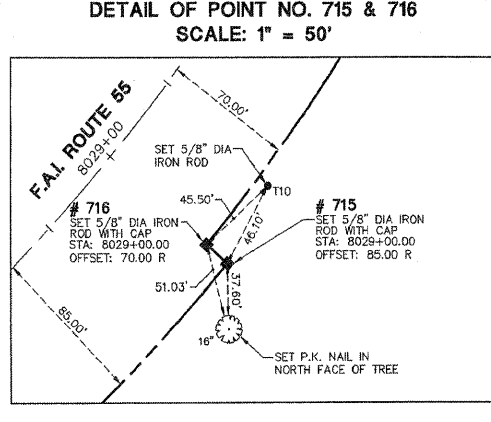
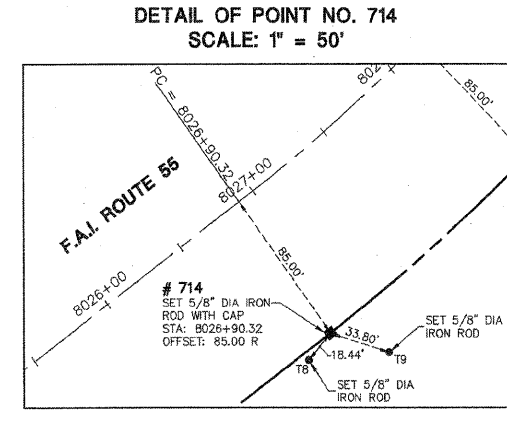
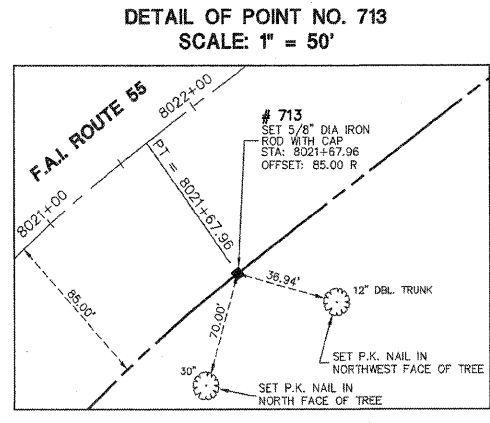
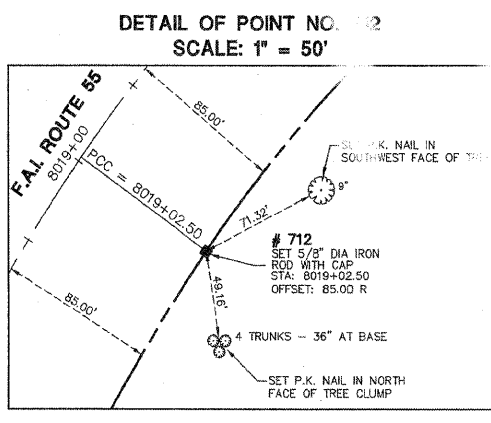
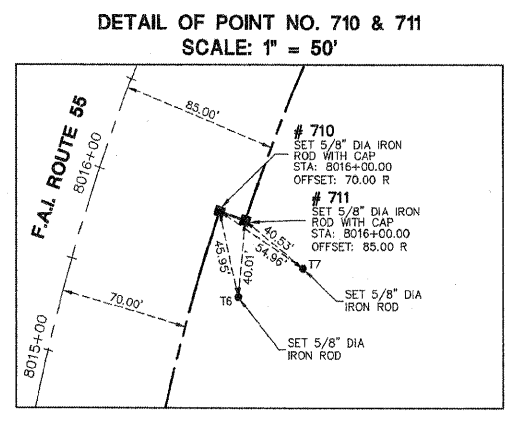
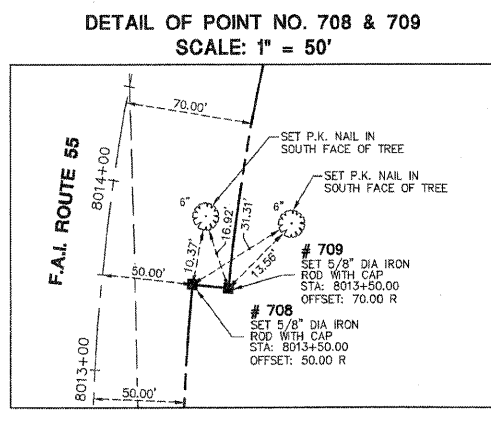
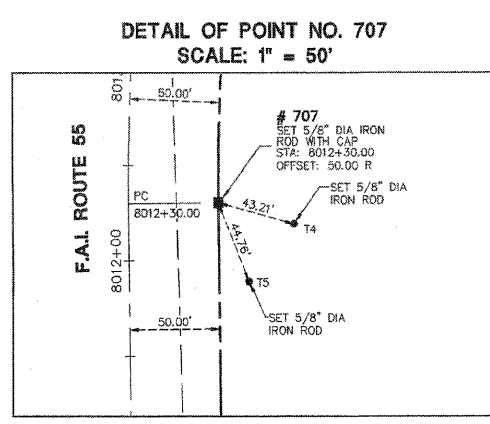
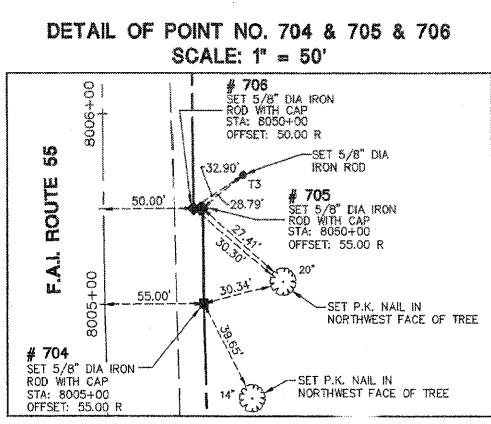
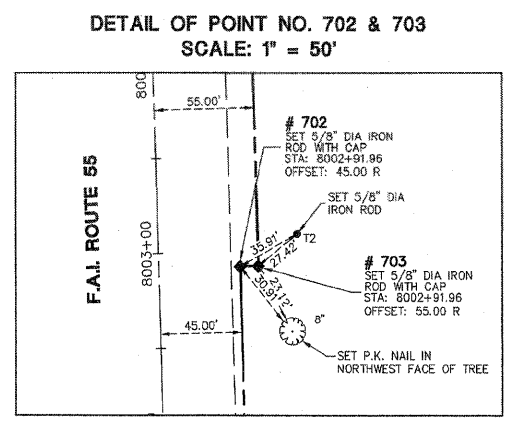
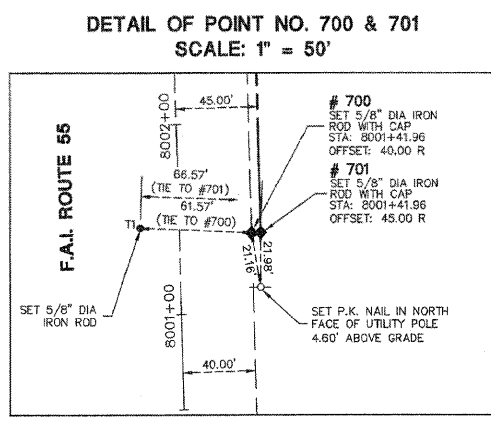
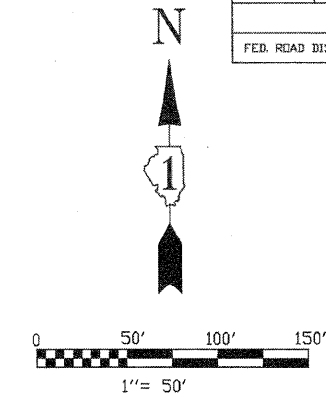
SECTION: AT ARSENAL ROAD WILL COUNTY
 PROJECT JOB NO. R-91-014-02
 STA. 6070+98.47 TO STA. 6079+74.49
 SCALE: 1" = 100' SHEET 13 OF 17

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

AS DOCUMENT NO.

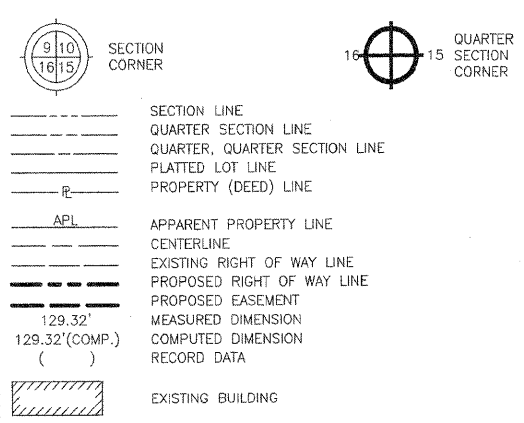
PART OF SECS. 22, 27, 28 AND 34, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	AT ARSENAL RD.	WILL.	524	232
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



DATE	BY	REVISION

- LEGEND**
- IRON ROD SET
 - IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
 - T2 IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T3 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 OR 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 COLOR 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.
 - ◇ LIGHT STANDARD
 - P.O.B. = POINT OF BEGINNING
 - P.O.C. = POINT OF COMMENCEMENT
 - ⬇ PK NAIL SET
 - REPLACED AFTER CONSTRUCTION



STATE OF ILLINOIS)
)SS
COUNTY OF DuPAGE)

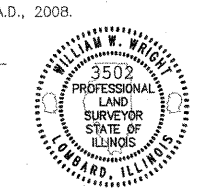
I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, ILLINOIS; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT 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 LOMBARD, ILLINOIS THIS 20TH DAY OF NOVEMBER, A.D., 2008.

WILLIAM W. WRIGHT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2009

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".
COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548



IDOT8 SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55

SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
RECOVERY TIE DETAIL SHEET, POINTS 600 THROUGH 618
SCALE: 1" = 50' SHEET 14 OF 17

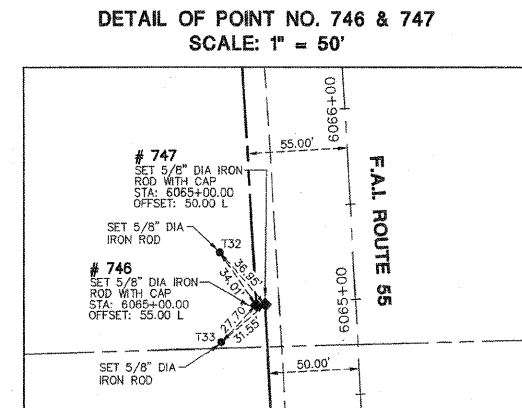
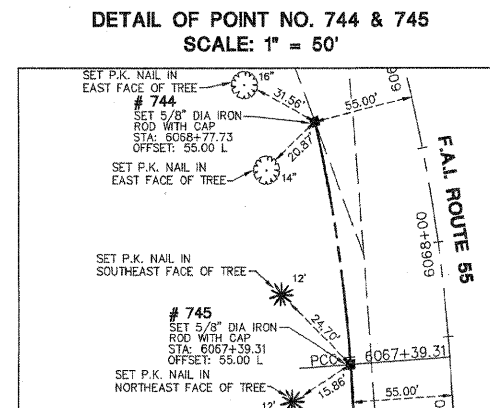
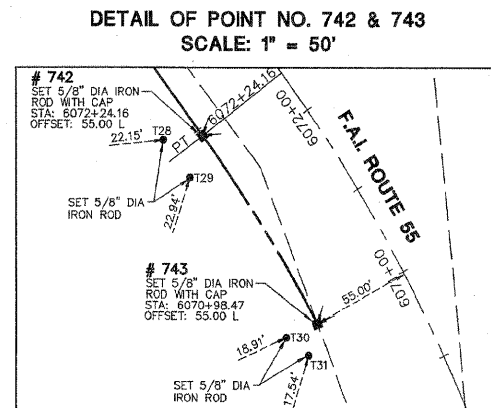
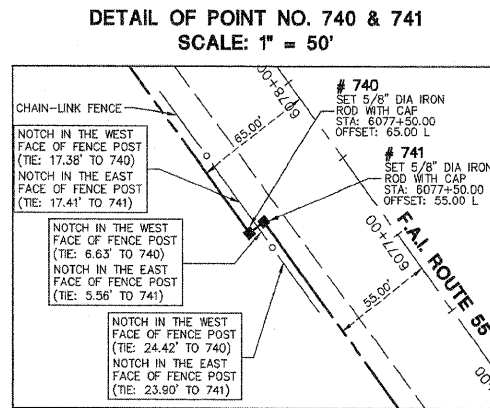
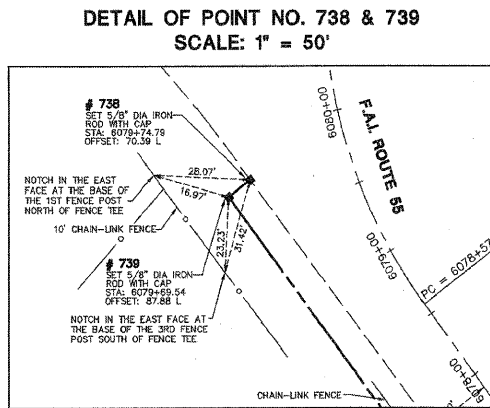
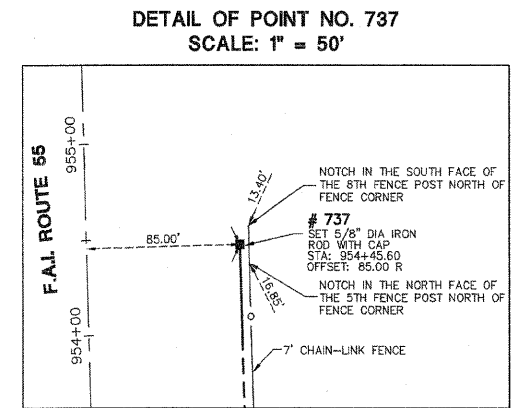
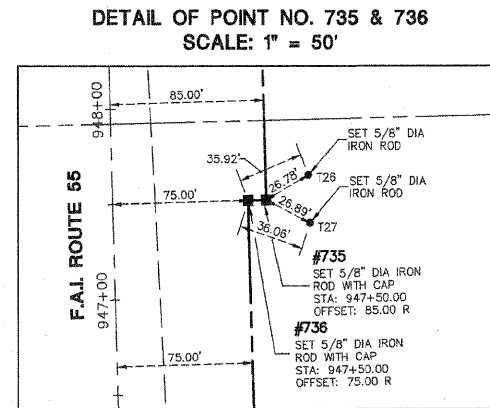
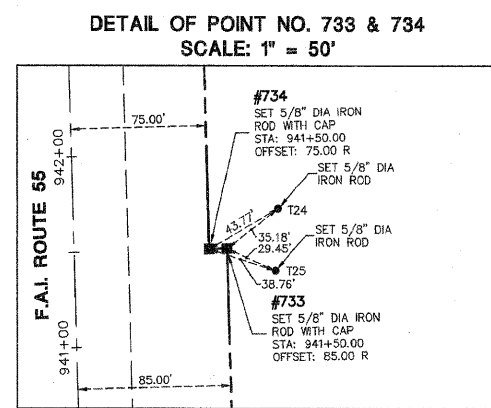
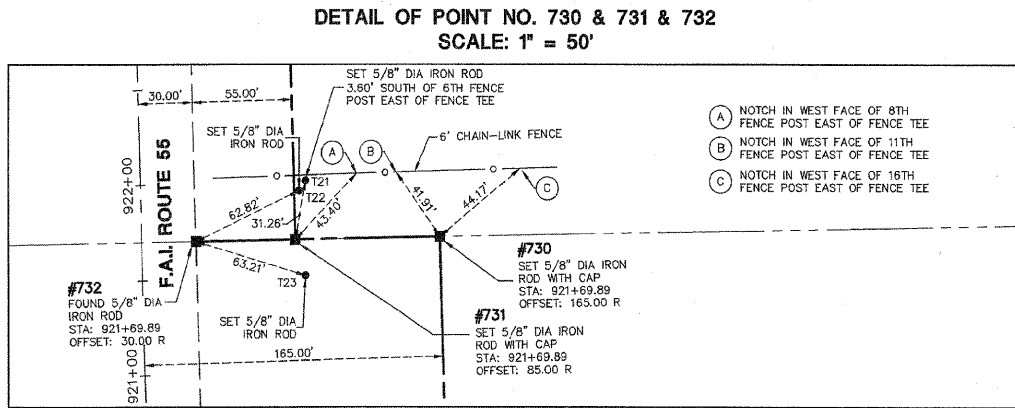
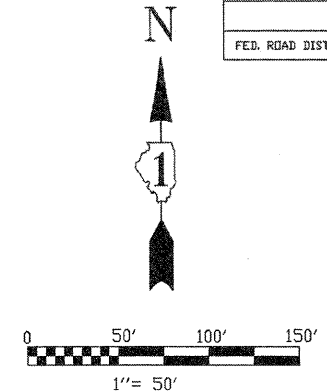
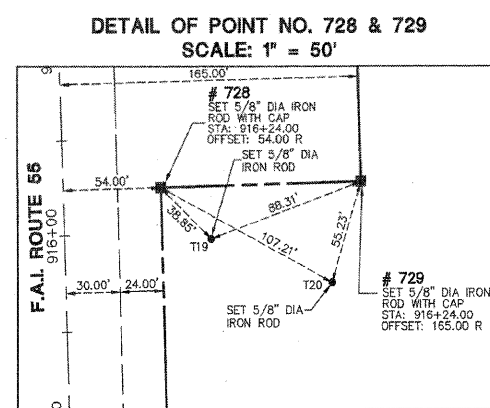
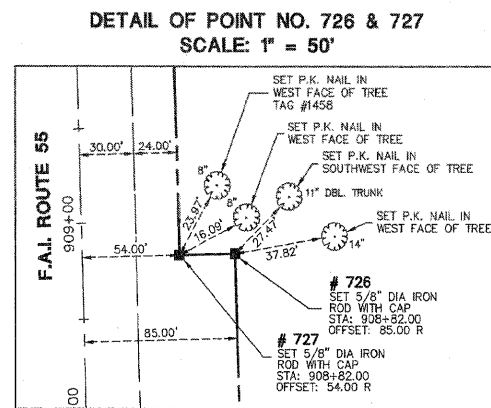
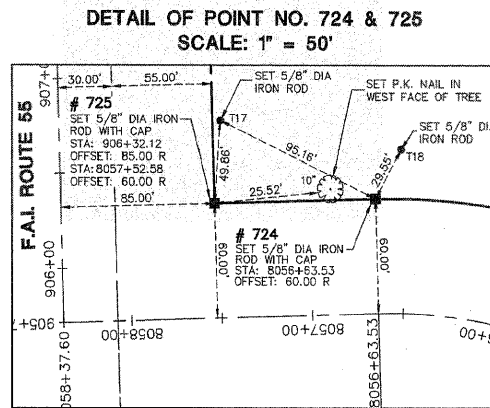
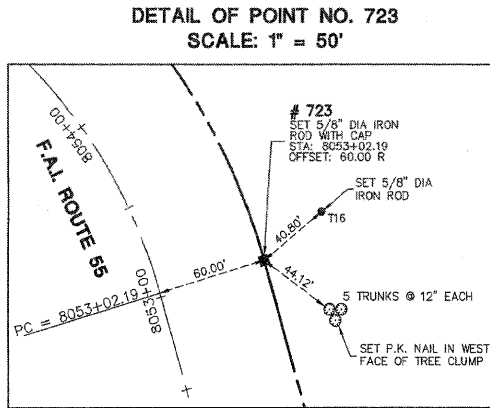
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196
AS DOCUMENT NO.

11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
REVISION DATE	DESCRIPTION	INITIALS

RECORDING: RECORDED ON

PART OF SECS. 22, 27, 28 AND 34, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	AT ARSENAL RD.	WILL	524	233
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



BY	DATE	MADE	CHECKED	INKED
R.O.W. PLAT	NOTEBOOK NO.			

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32' MEASURED DIMENSION
- 129.32'(COMP.) COMPUTED DIMENSION
- () RECORD DATA
- EXISTING BUILDING
- IRON ROD SET
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED 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 COLOR 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.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION

STATE OF ILLINOIS)
COUNTY OF DU PAGE)
I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS 24TH DAY OF NOVEMBER, A.D., 2008.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2009

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".

COMBINED SCALE FACTOR (GROUND TO GRID) = 0.999995548

REVISION DATE	DESCRIPTION	INITIALS
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

RECORDING: RECORDED ON

IDOT8 SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD.
3502 Professional Land Surveyor No. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55

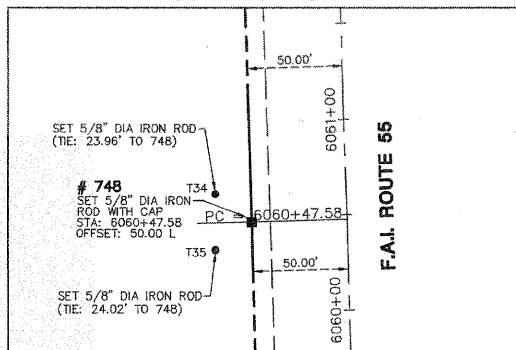
SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
RECOVERY TIE DETAIL SHEET, POINTS 600 THROUGH 618
SCALE: 1" = 50' SHEET 15 OF 17

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

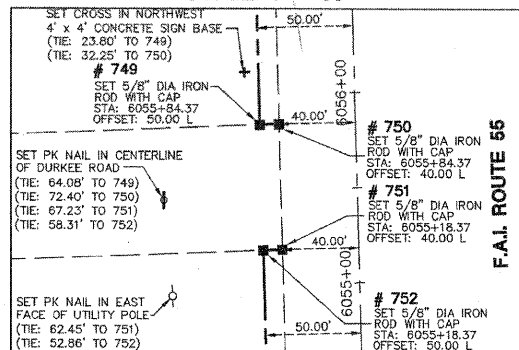
PART OF SECS. 22, 27, 28 AND 34, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	AT ARSENAL RD.	WILL	524	234
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

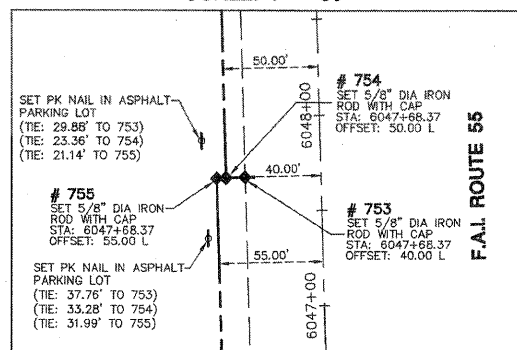
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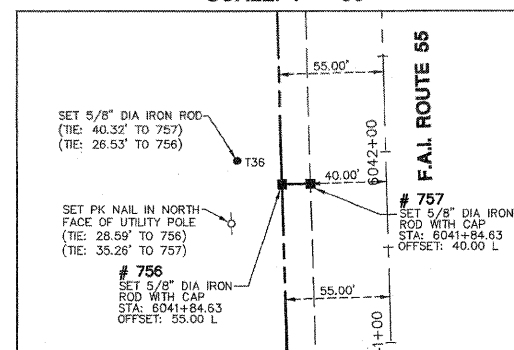
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SCALE: 1" = 50'



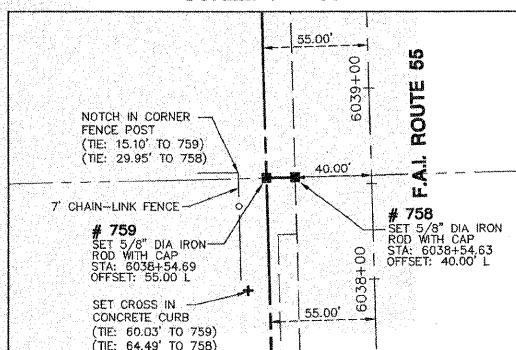
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SCALE: 1" = 50'



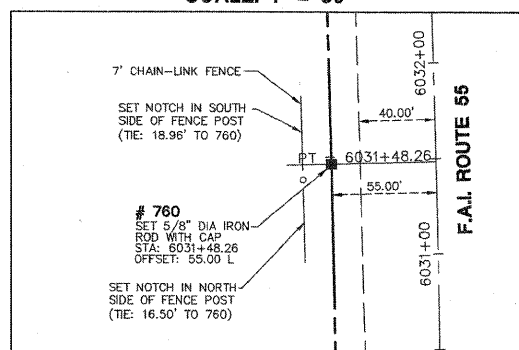
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SCALE: 1" = 50'



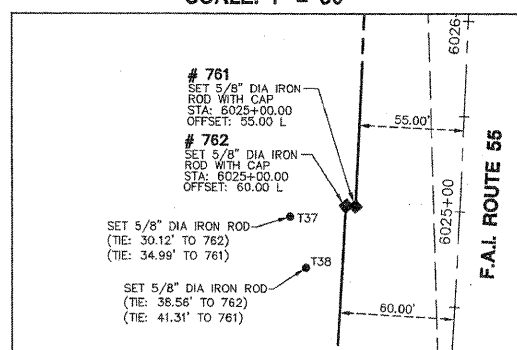
DETAIL OF POINT NO. 758 & 759
SCALE: 1" = 50'



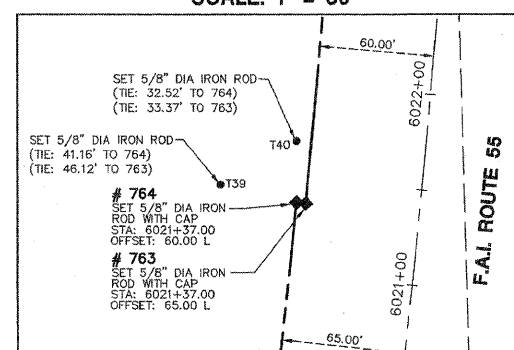
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SCALE: 1" = 50'



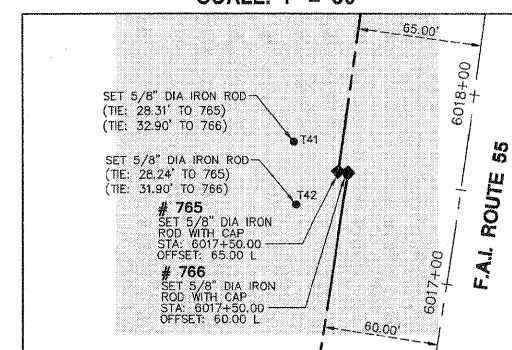
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SCALE: 1" = 50'



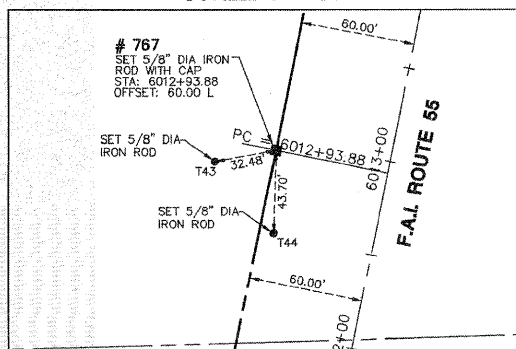
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SCALE: 1" = 50'



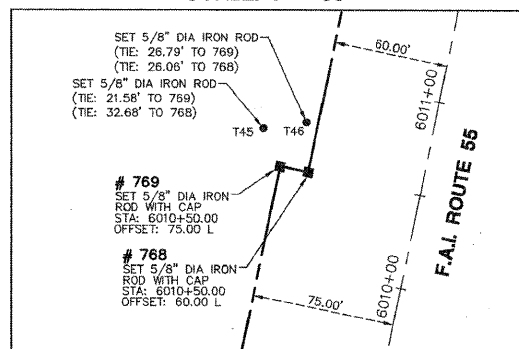
DETAIL OF POINT NO. 765 & 766
SCALE: 1" = 50'



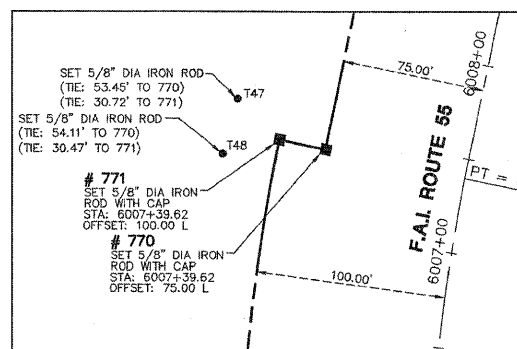
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SCALE: 1" = 50'



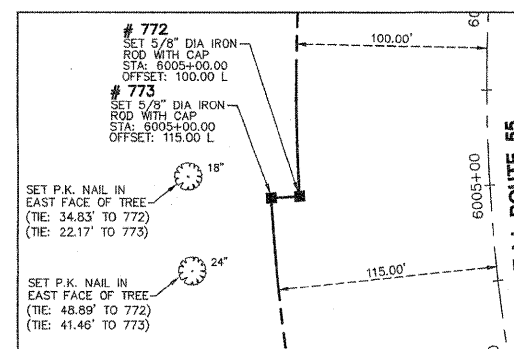
DETAIL OF POINT NO. 768 & 769
SCALE: 1" = 50'



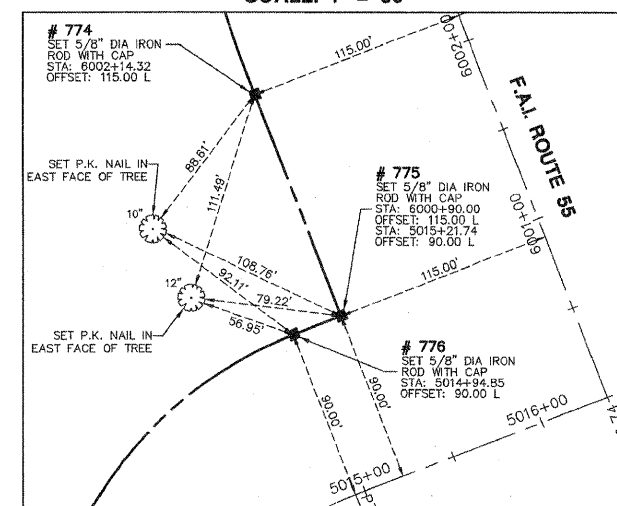
DETAIL OF POINT NO. 770 & 771
SCALE: 1" = 50'



DETAIL OF POINT NO. 772 & 773
SCALE: 1" = 50'



DETAIL OF POINT NO. 774 & 775 & 776
SCALE: 1" = 50'



LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3 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.
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- M STAKING OR 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 COLOR 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.
- LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT

STATE OF ILLINOIS)
)SS
 COUNTY OF DuPAGE)

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS, THIS 24TH DAY OF NOVEMBER, A.D., 2008.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
 LICENSE EXPIRES NOVEMBER 30, 2010

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BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".

COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

REVISION DATE	DESCRIPTION	INITIALS
11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
02/15/08	TIES ADDED FOR 621-623	MAC/WWW
01/24/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW

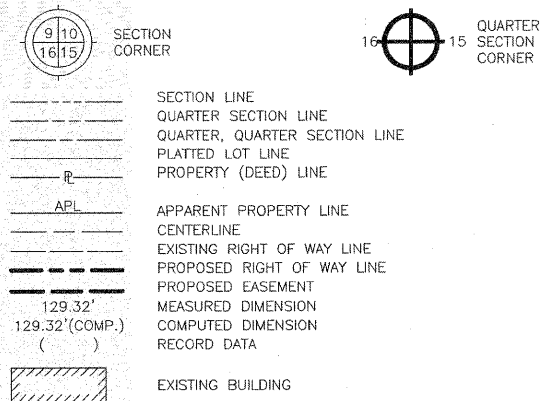
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IDOT SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

Manhard CONSULTING LTD.
 PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 55
 SECTION: AT ARSENAL ROAD WILL COUNTY
 PROJECT JOB NO. R-91-014-02
 RECOVERY TIE DETAIL SHEET, POINTS 619 THROUGH 641
 SCALE: 1" = 50' SHEET 16 OF 17
 BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196
 AS DOCUMENT NO.



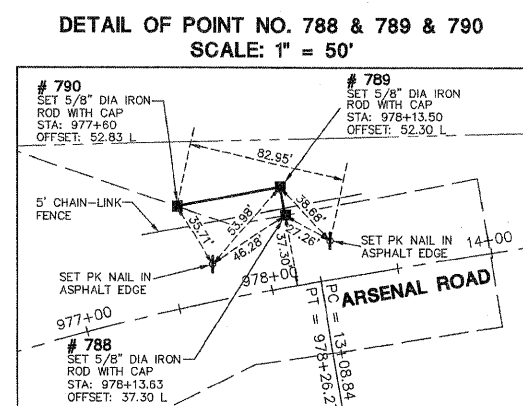
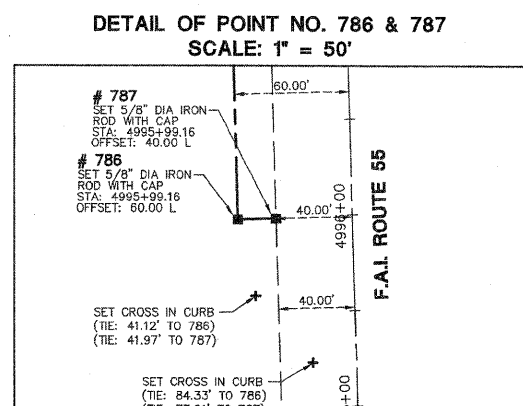
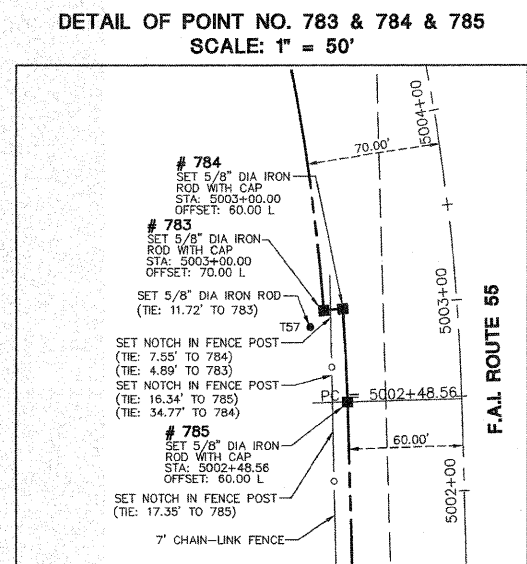
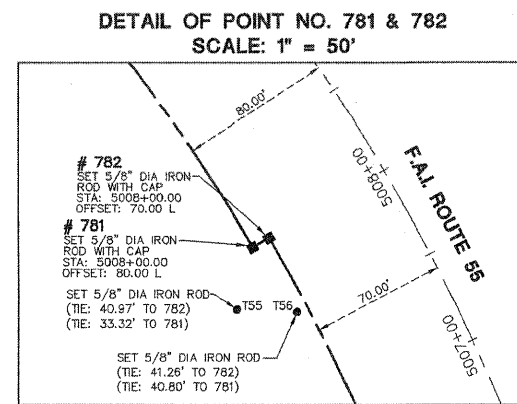
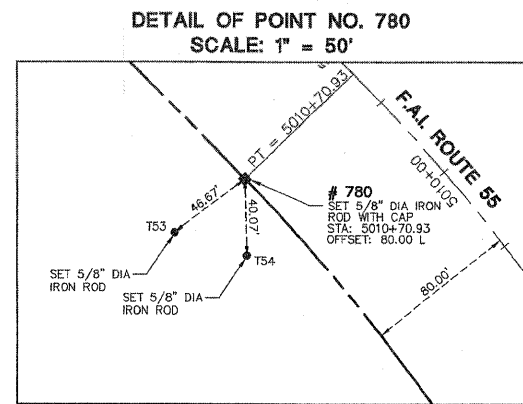
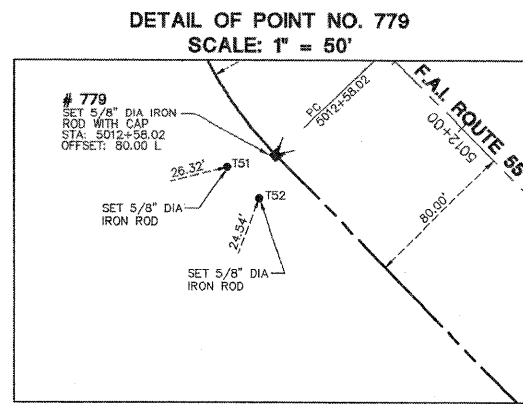
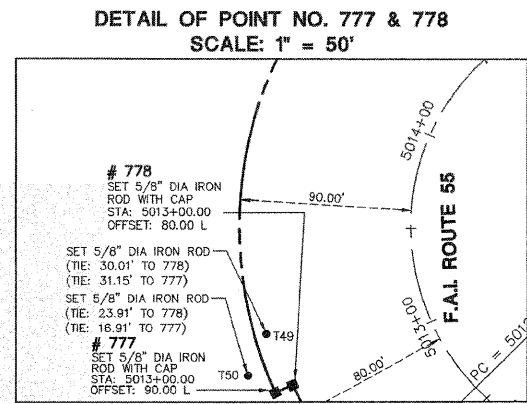
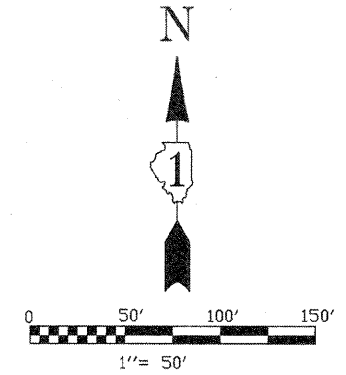
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 NO.



PART OF SECS. 22, 27, 28 AND 34, T34N, R9E OF THE 3RD P.M., WILL COUNTY, ILLINOIS

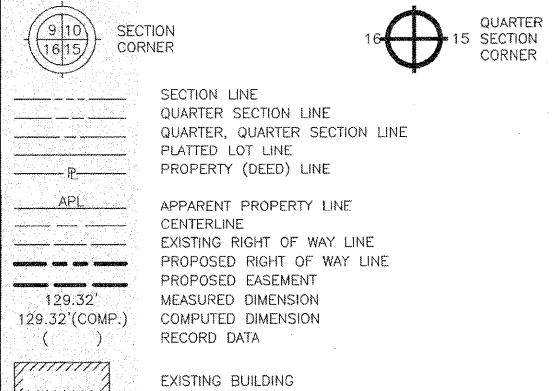
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	AT ARSENAL RD.	WILL	524	235

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



LEGEND

- IRON ROD SET
- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OR 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 COLOR 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.
- ◇ LIGHT STANDARD
- P.O.B. = POINT OF BEGINNING
- P.O.C. = POINT OF COMMENCEMENT



STATE OF ILLINOIS)
COUNTY OF DuPAGE)SS

I, WILLIAM W. WRIGHT, DO HEREBY DECLARE THAT I HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 22, 27, 28 AND 34, TOWNSHIP 34 NORTH RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 LOMBARD, ILLINOIS THIS 24TH DAY OF NOVEMBER, A.D., 2008.

William W. Wright
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3502
LICENSE EXPIRES NOVEMBER 30, 2010

DESIGN FIRM LICENSE NO. 184003350
LICENSE EXPIRES APRIL 30, 2009

BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NORTH AMERICAN DATUM OF 1983. NGS CONTROL POINT PID AE2474 WAS RECOVERED AND USED FOR CONVERSIONS. ALL COORDINATE AND DIMENSIONAL VALUES SHOWN HEREON ARE "GROUND" NOT "GRID".

COMBINED SCALE FACTOR (GROUND TO GRID) = 0.99995548

11/21/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
02/15/08	TIES ADDED FOR 621-623	MAC/WWW
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01/22/08	REVISED PER I.D.O.T. REVIEW	MAC/WWW
REVISION DATE	DESCRIPTION	INITIALS



IDOT8 SB - 070951 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

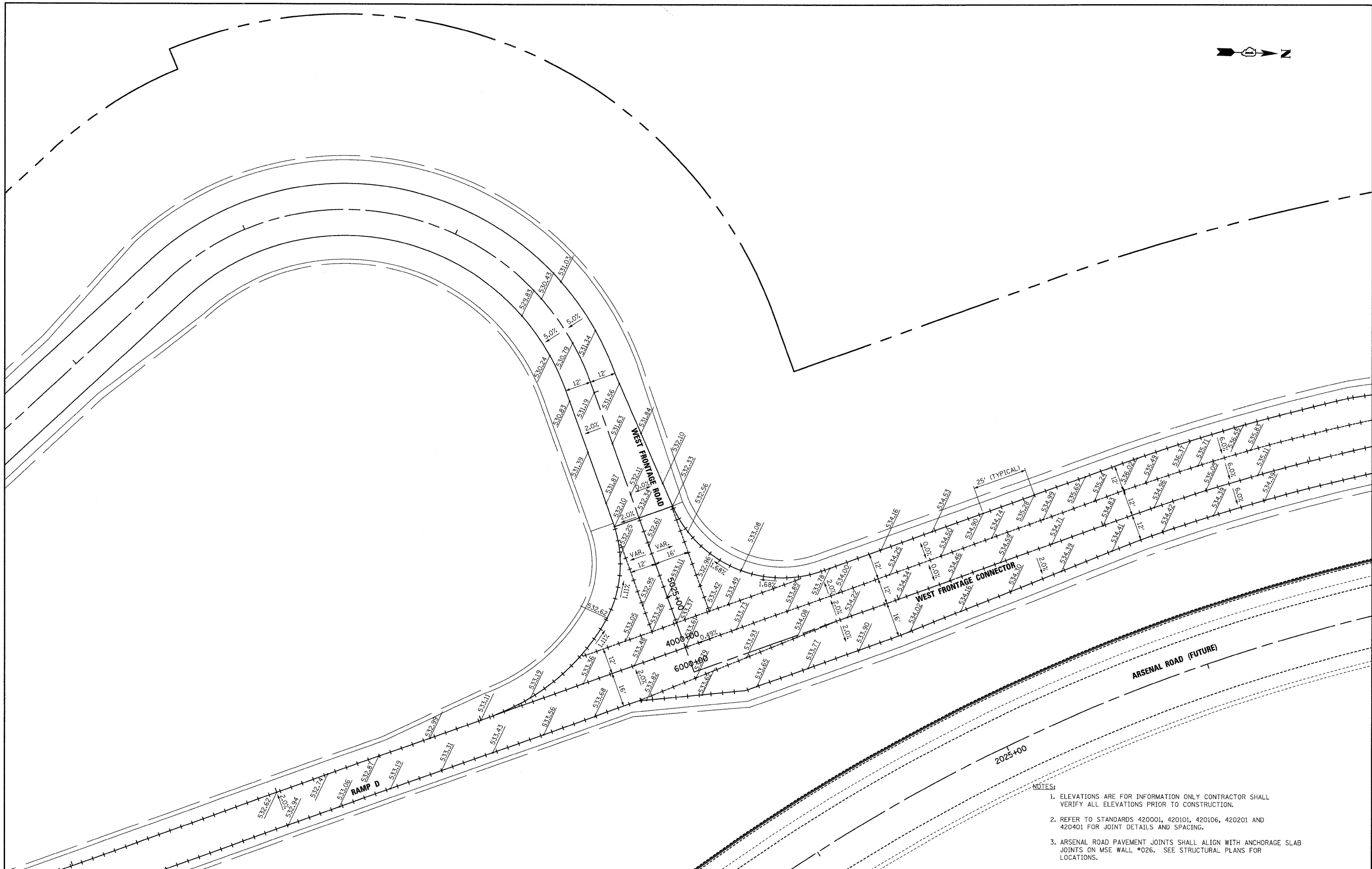
Manhard CONSULTING LTD.
3502 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS LOMBARD, ILLINOIS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 55

SECTION: AT ARSENAL ROAD WILL COUNTY
PROJECT JOB NO. R-91-014-02
RECOVERY TIE DETAIL SHEET, POINTS 619 THROUGH 641
SCALE: 1" = 50' SHEET 17 OF 17

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

RECORDING: RECORDED ON



NOTES:

1. ELEVATIONS ARE FOR INFORMATION ONLY CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.
2. REFER TO STANDARDS 420001, 420101, 420106, 420201 AND 420401 FOR JOINT DETAILS AND SPACING.
3. ARSENAL ROAD PAVEMENT JOINTS SHALL ALIGN WITH ANCHORAGE SLAB JOINTS ON MSE WALL *026. SEE STRUCTURAL PLANS FOR LOCATIONS.

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

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DESIGNED - YSK	REVISD -
DRAWN - YSK	REVISD -
CHECKED - DLT	REVISD -
DATE - 12/18/09	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT JOINTS AND ELEVATIONS

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	236
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL

52+00 1053+00 1054+00 1055+00 1056+00 1057+00 1058+00

NB I-55



3055+00

3050+00

ARSENAL ROAD (FUTURE SB)

905+00

25' (TYPICAL)

ARSENAL ROAD (NB)

EAST FRONTAGE ROAD

NOTES:

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3. ARSENAL ROAD PAVEMENT JOINTS SHALL ALIGN WITH ANCHORAGE SLAB JOINTS ON MSE WALL *026. SEE STRUCTURAL PLANS FOR LOCATIONS.

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

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PLOT SCALE = 1:20'	
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DRAWN - YSK	REVISIONS
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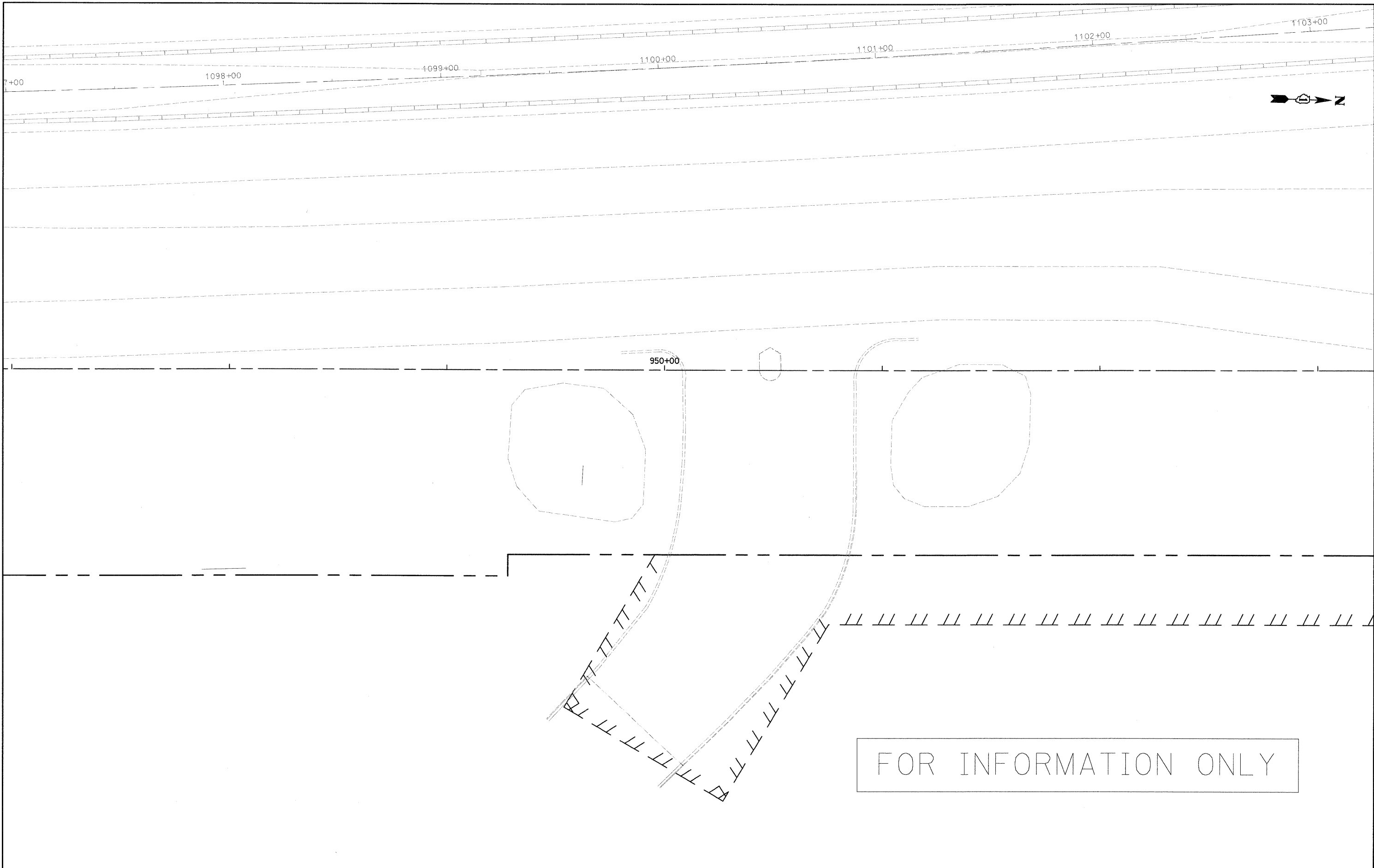
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DATE - 12/18/09	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT JOINTS AND ELEVATIONS

SCALE: 1"=20' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	237
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



FOR INFORMATION ONLY

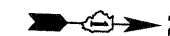
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

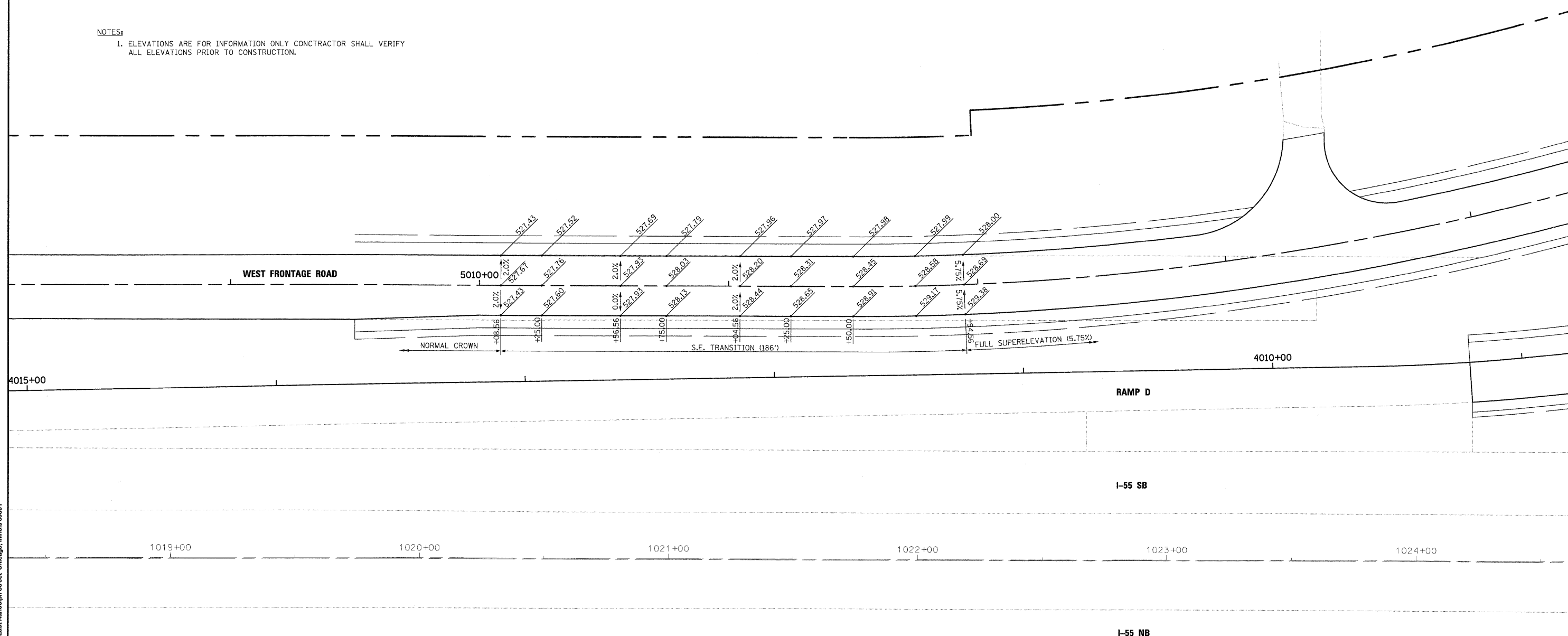
PAVEMENT JOINTS AND ELEVATIONS

SCALE: 1"=20' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	238
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



NOTES:
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McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

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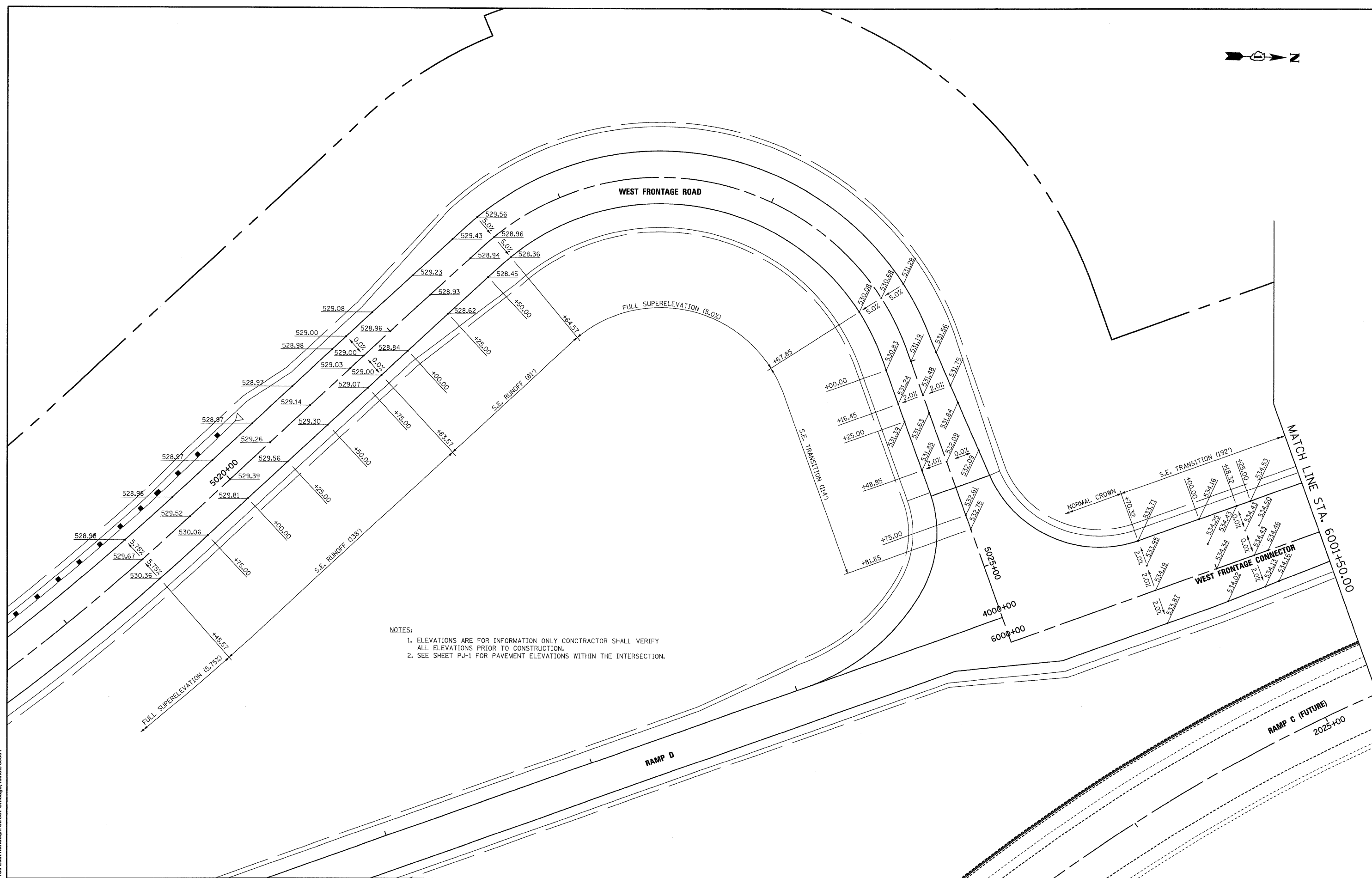
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CHECKED - DLT	REVISED -
DATE - 12/18/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS
 SCALE: 1"=20' SHEET NO. 1 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	239
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



NOTES:
 1. ELEVATIONS ARE FOR INFORMATION ONLY CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.
 2. SEE SHEET PJ-1 FOR PAVEMENT ELEVATIONS WITHIN THE INTERSECTION.

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

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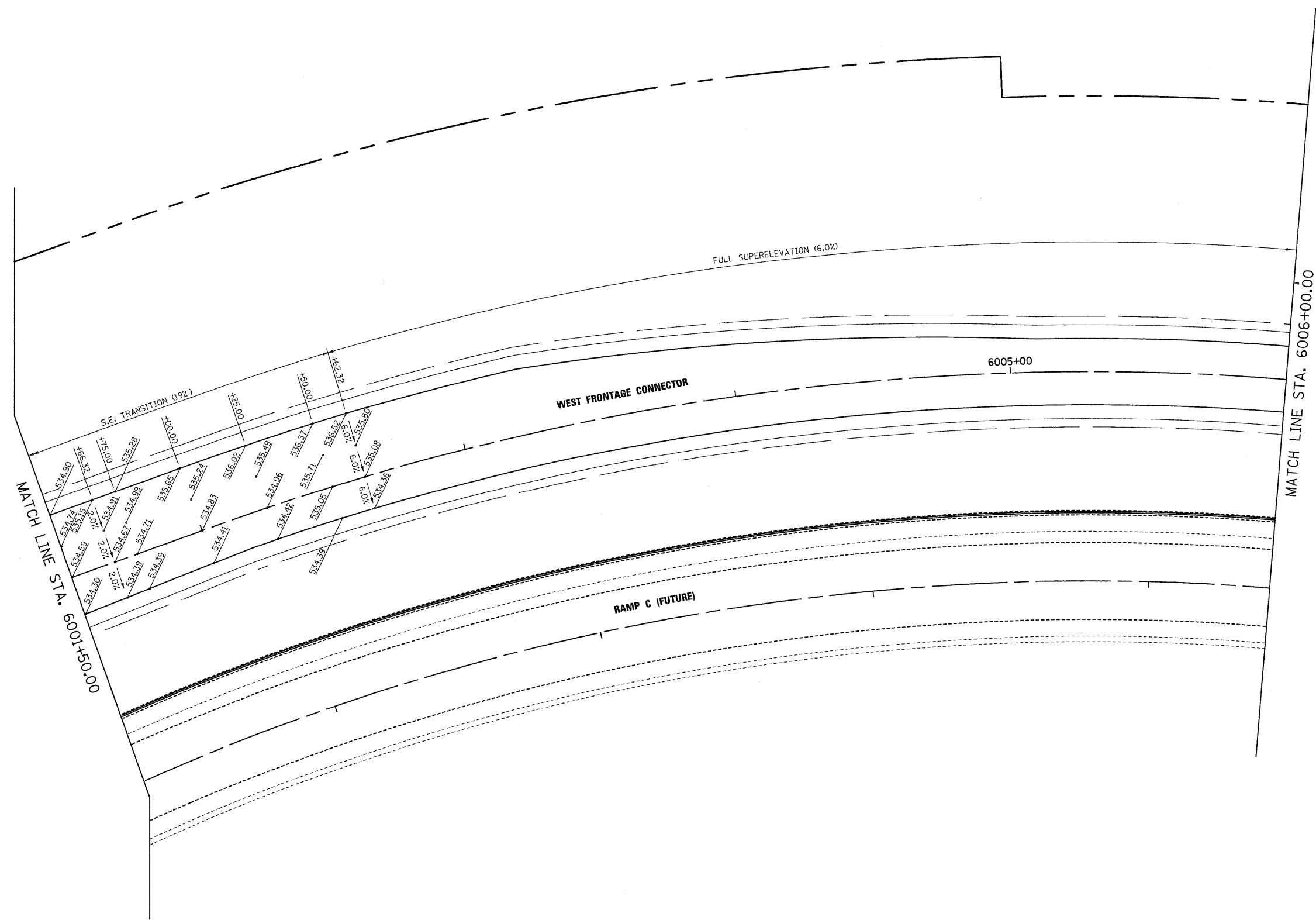
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS

SCALE: 1"=20' SHEET NO. 2 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	240
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



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McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

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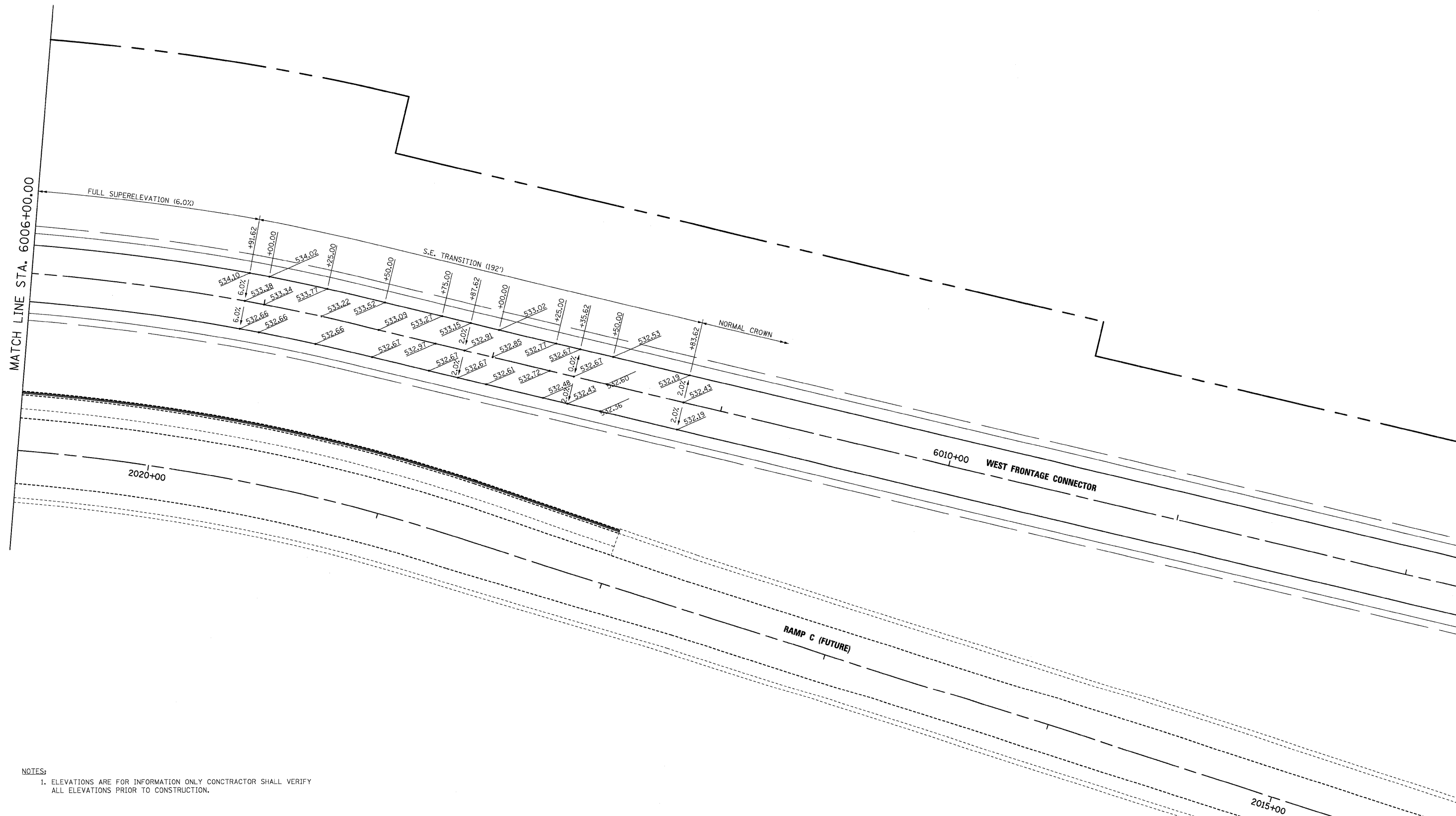
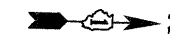
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS

SCALE: 1"=20' SHEET NO. 3 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	241
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



NOTES:
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McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

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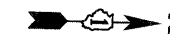
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS

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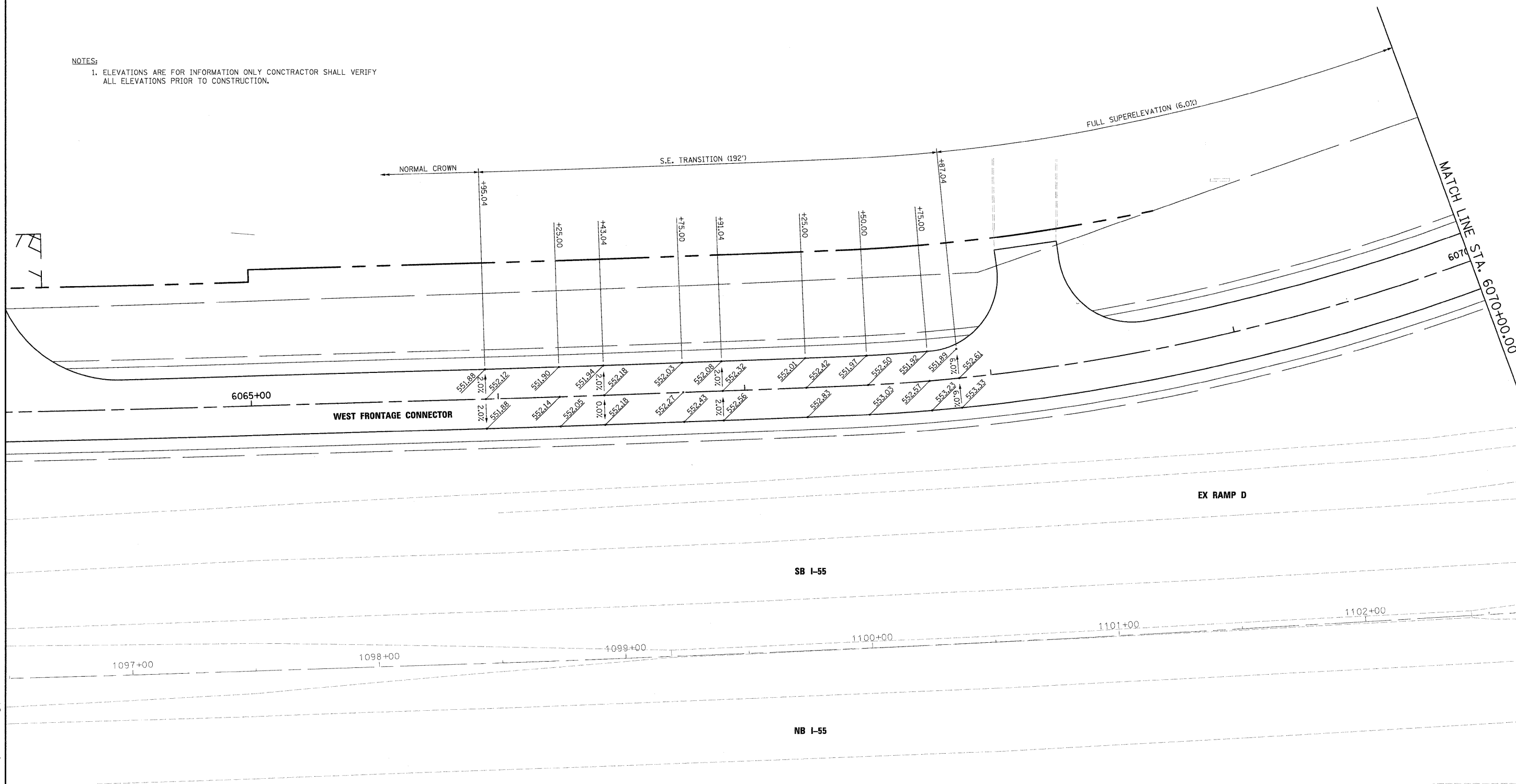
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55	(99-1&2)AC-3	WILL	524	242
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



NOTES:

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McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

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DATE - 12/18/09	REVISÉ -

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DATE - 12/18/09	REVISÉ -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS			
SCALE: 1"=20'	SHEET NO. 5 OF 11 SHEETS	STA.	TO STA.

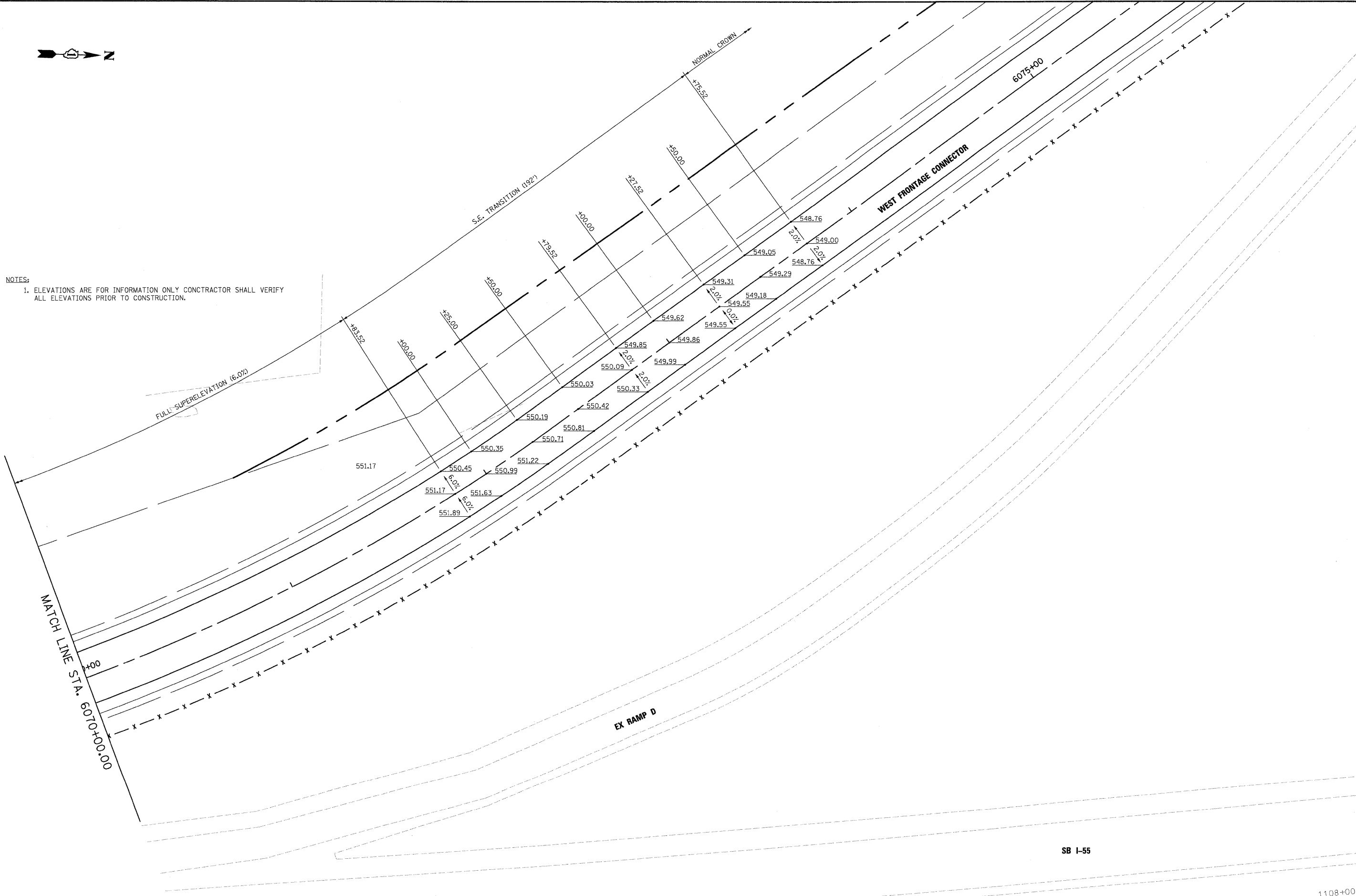
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55	(99-1&2)AC-3	WILL	524	243
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



NOTES:

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McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

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DATE - 12/18/09	REVISED -

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DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS	
SCALE: 1"=20'	SHEET NO. 6 OF 11 SHEETS
STA.	TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 244
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

1108+00

SB I-55

FINAL

I-55 SB



1016+00 1017+00 1018+00 1019+00 1020+00 1021+00 1022+00

I-55 NB

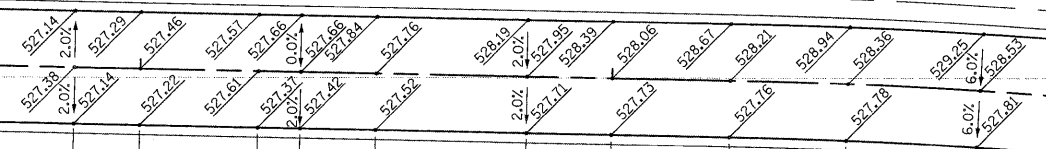
7005+00

RAMP A (FUTURE)

7010+00

8010+00

EAST FRONTAGE ROAD



8015+00

NORMAL CROWN

S.E. TRANSITION (192')

FULL SUPERELEVATION (6.0%)

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McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME =
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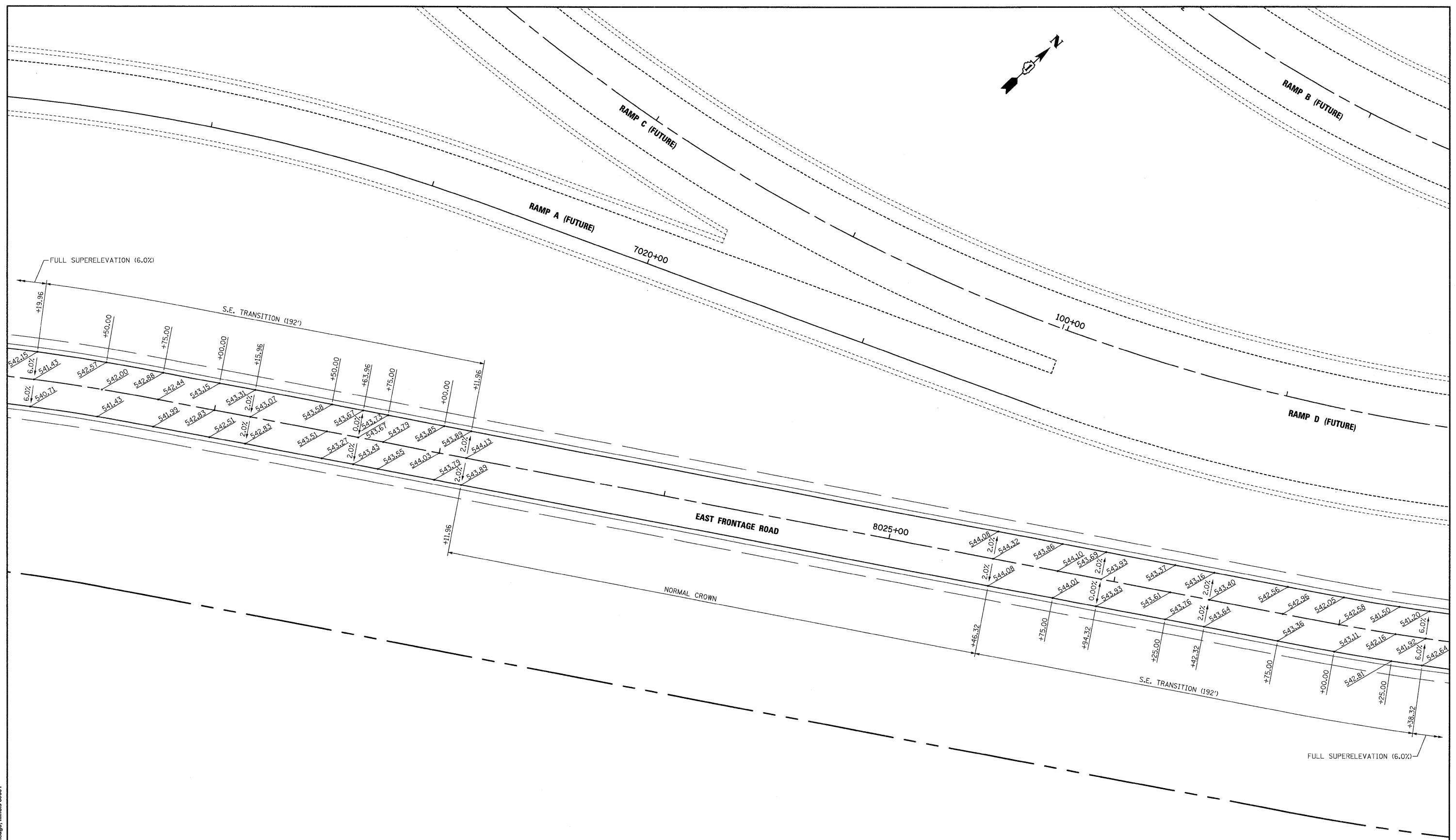
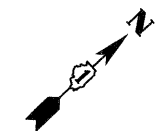
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS

SCALE: 1"=20' SHEET NO. 7 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	245
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



NOTES:
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McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

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DATE -	12/18/09	REVISED -	

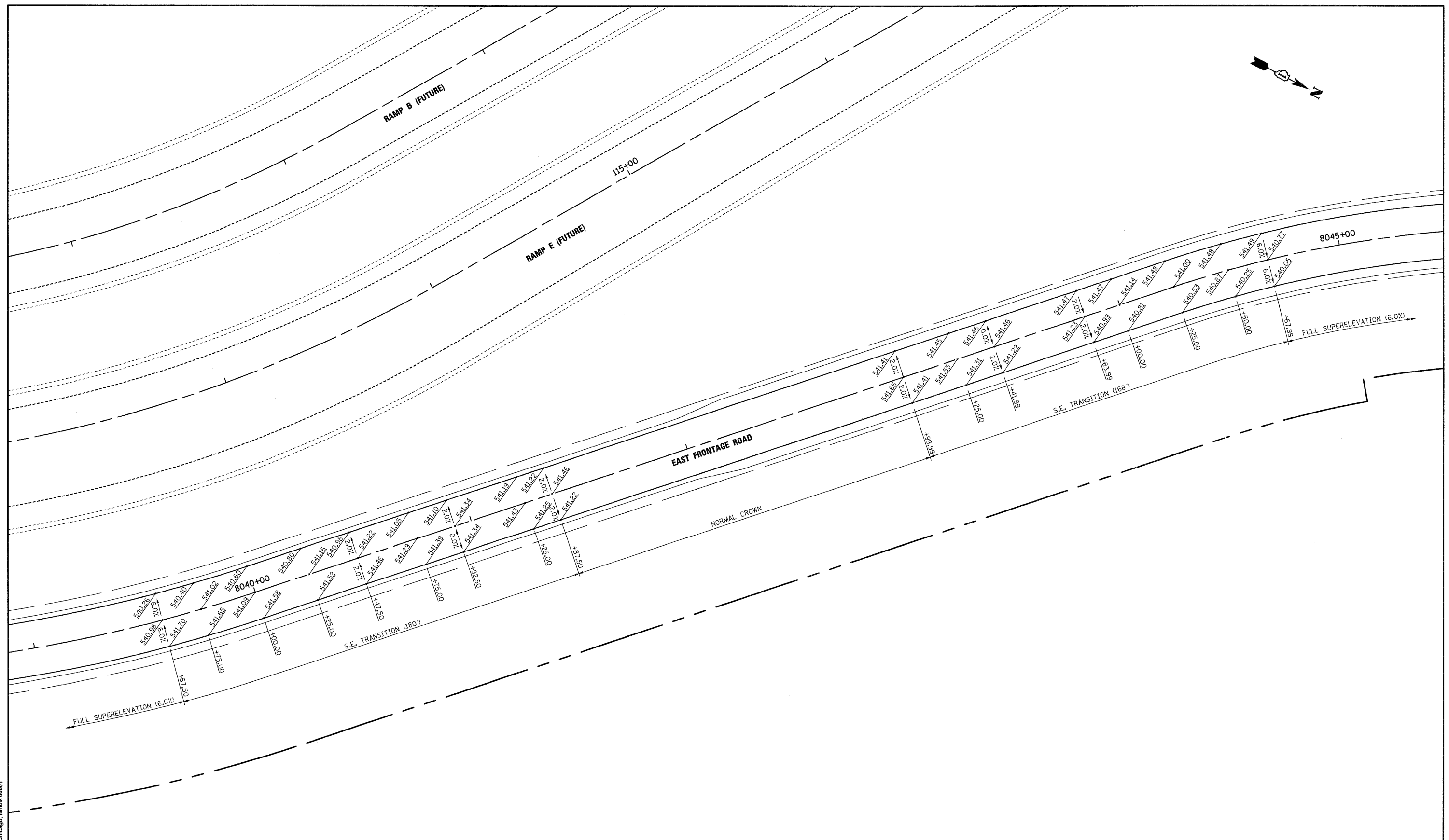
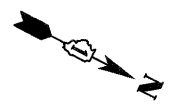
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS

SCALE: 1"=20' SHEET NO. 8 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	246
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



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McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

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REVISED -	

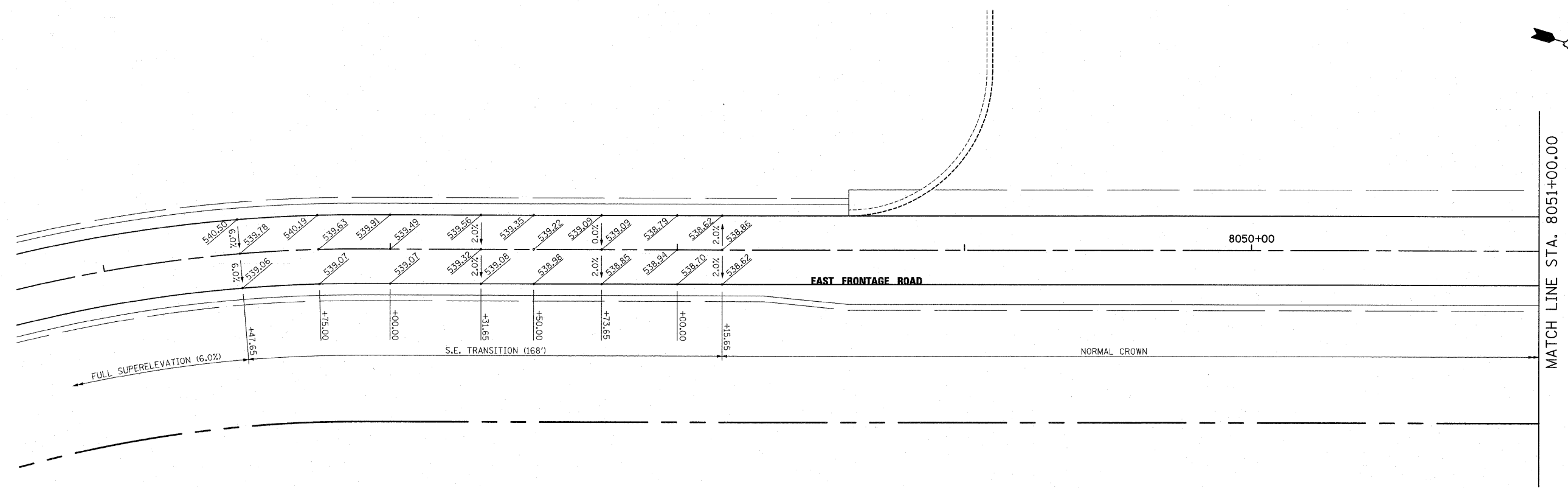
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS

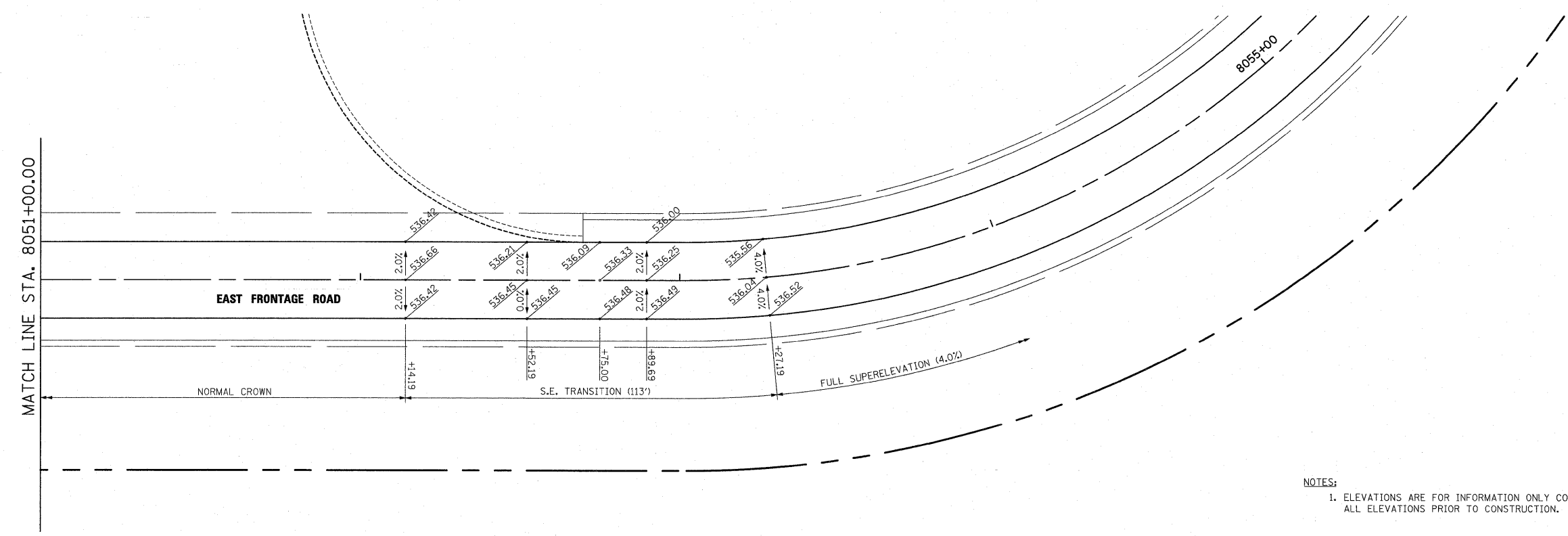
SCALE: 1"=20' SHEET NO. 9 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	247
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



MATCH LINE STA. 8051+00.00



MATCH LINE STA. 8051+00.00

NOTES:
1. ELEVATIONS ARE FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

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PLOT DATE = 1/19/2010	

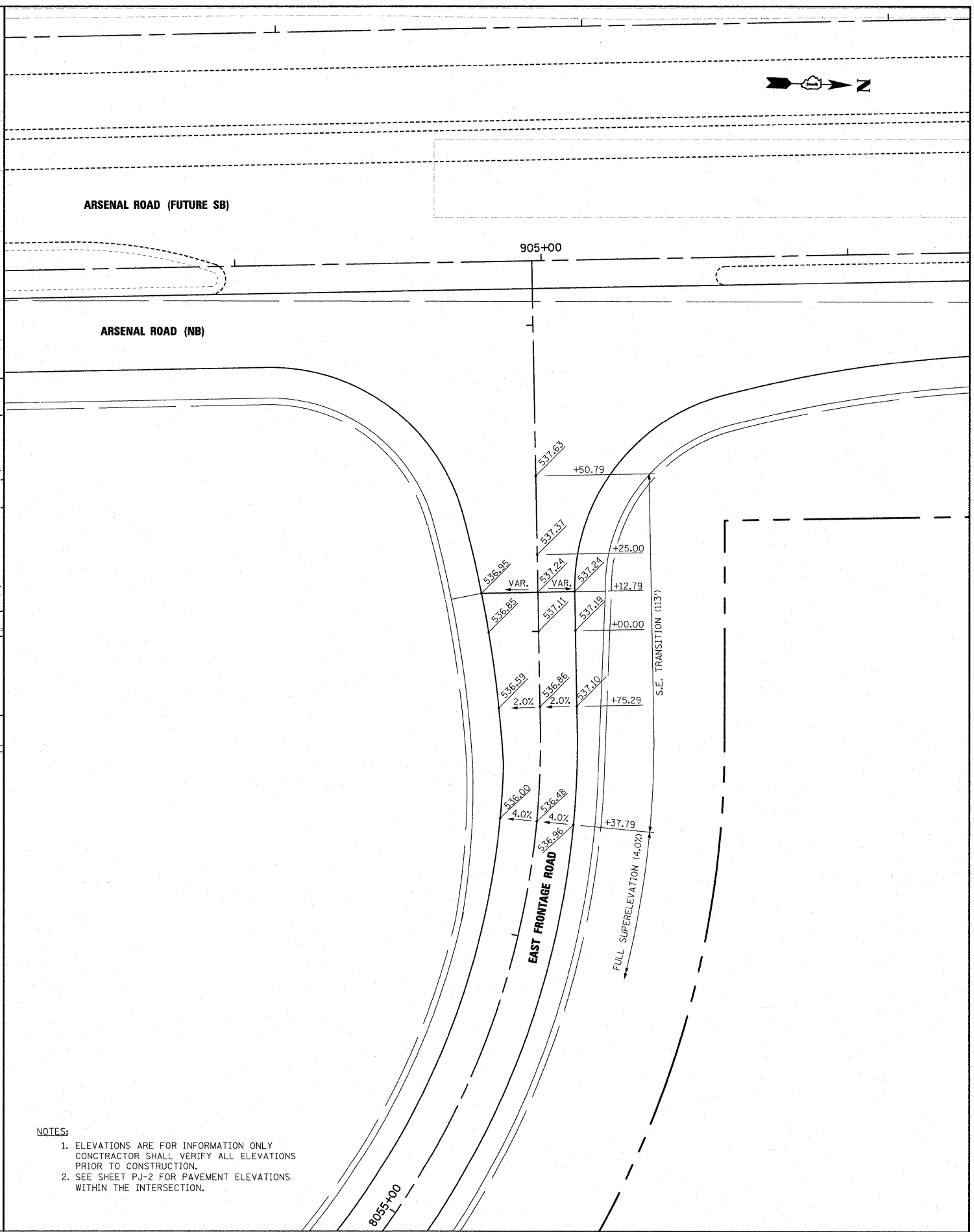
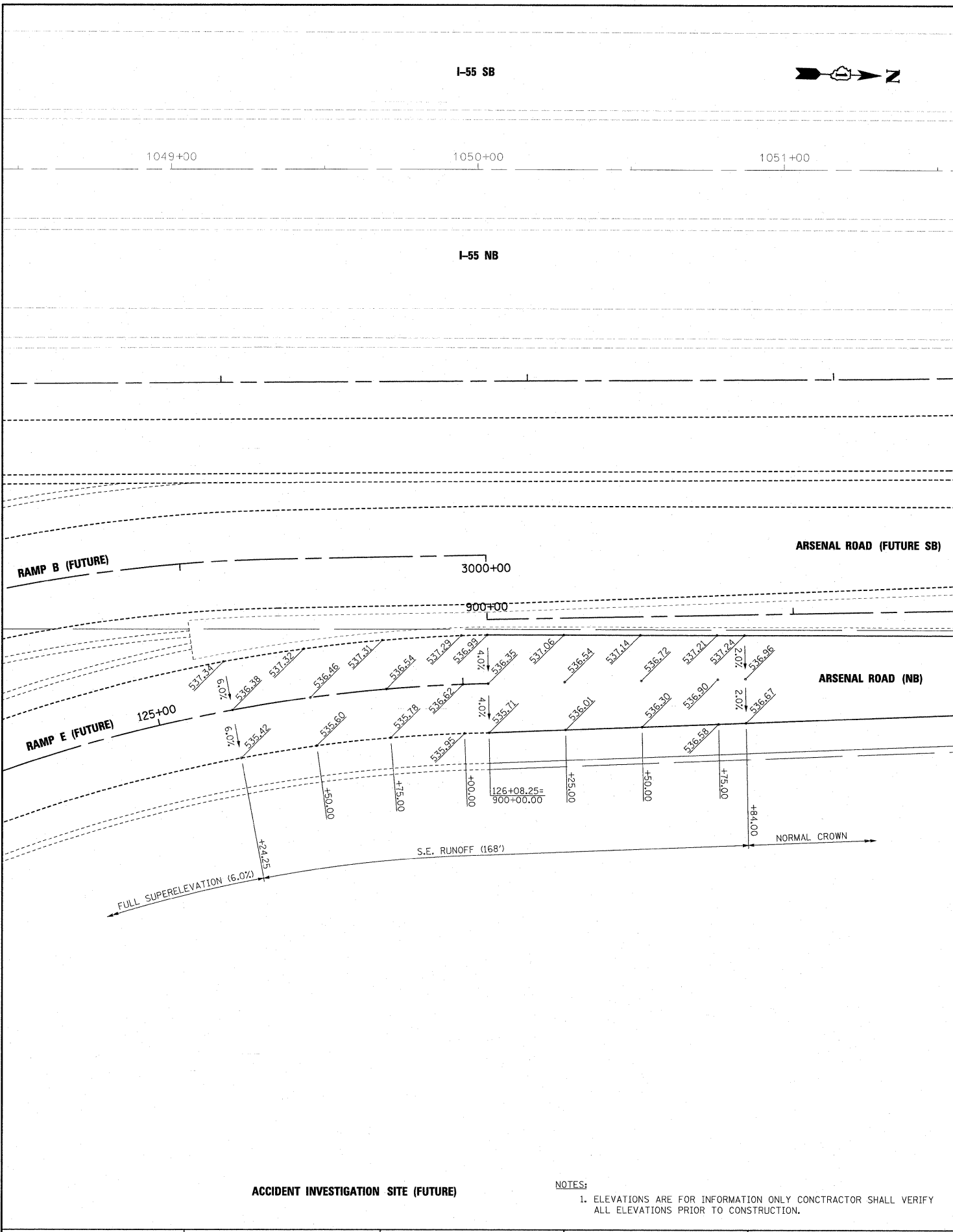
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DRAWN - YSK	REVISIONS -
CHECKED - DLT	REVISIONS -
DATE - 12/18/09	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'	SHEET NO. 10 OF 11 SHEETS	STA. TO STA.
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SUPERELEVATION DETAILS	
F.A.I. RTE. 55	SECTION (99-1&2)AC-3
COUNTY WILL	TOTAL SHEETS 524
	SHEET NO. 248
CONTRACT NO. 60C31	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

FINAL



ACCIDENT INVESTIGATION SITE (FUTURE)

NOTES:
 1. ELEVATIONS ARE FOR INFORMATION ONLY CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.

NOTES:
 1. ELEVATIONS ARE FOR INFORMATION ONLY CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.
 2. SEE SHEET PJ-2 FOR PAVEMENT ELEVATIONS WITHIN THE INTERSECTION.

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 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME =	USER NAME = j_tatour
D168031-SHT-ELEV11.dgn	

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	DATE - 12/18/09

REVISED -	REVISED -
REVISED -	REVISED -
REVISED -	REVISED -

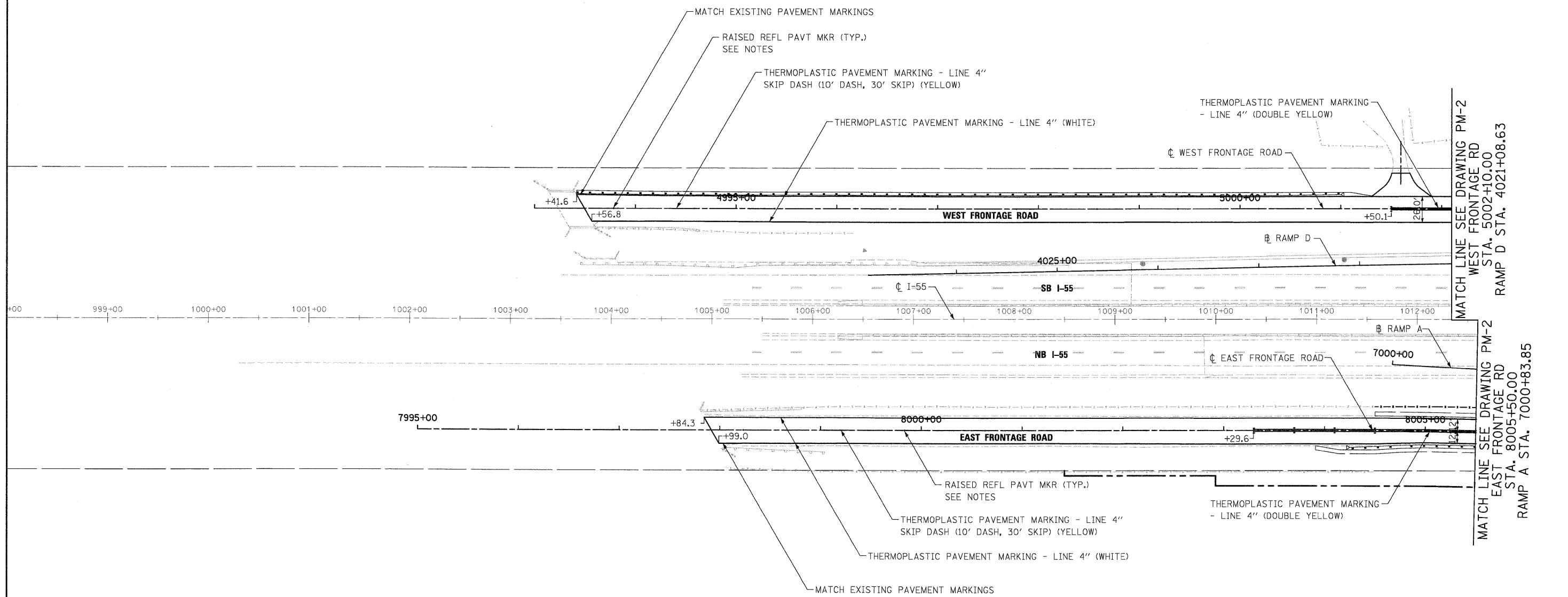
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS

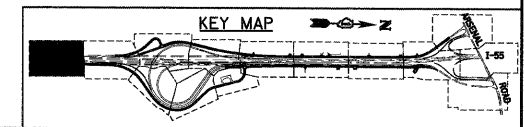
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	249
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS, SPACING AND COLOR, SEE STANDARD TC-12.



McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

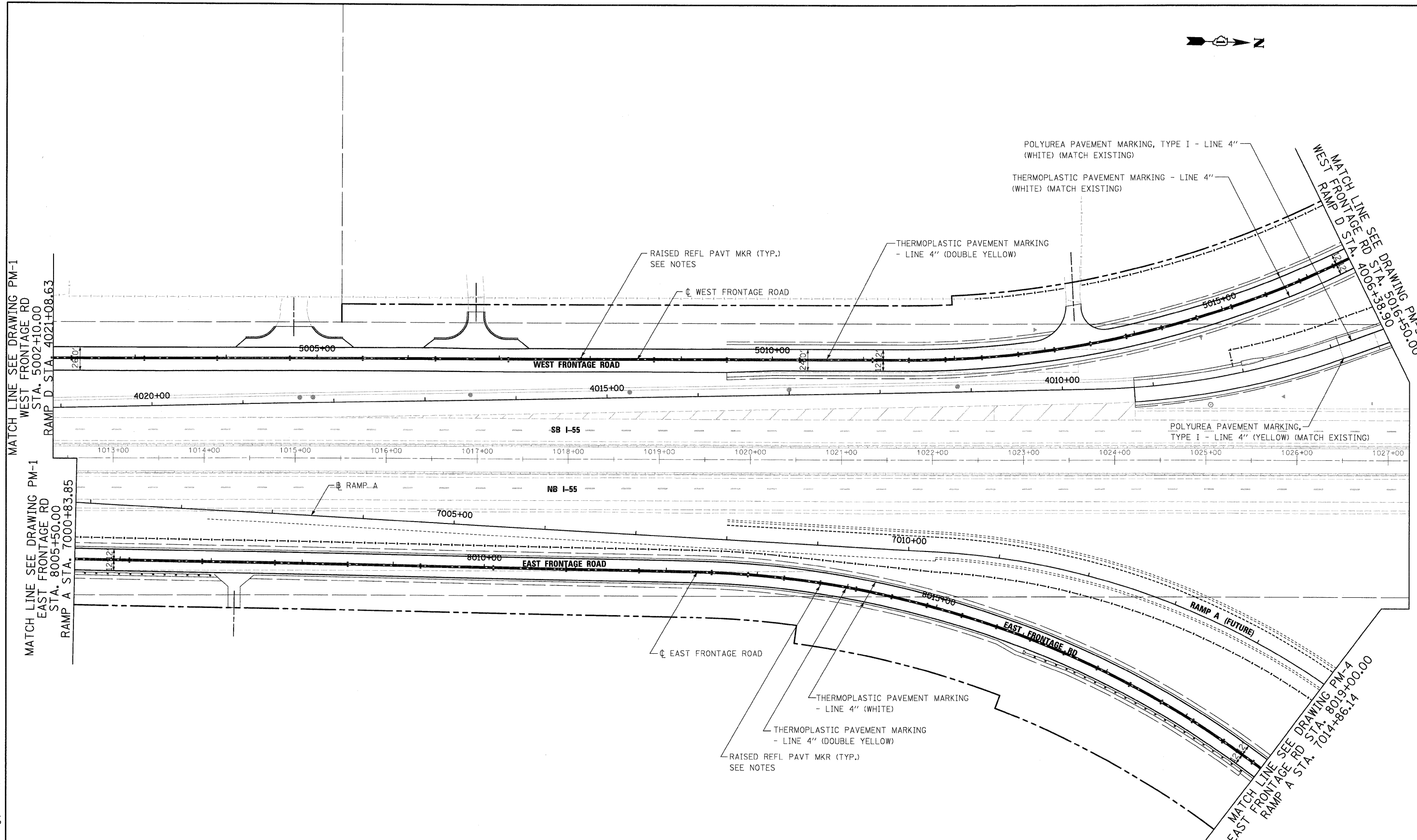
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PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISIONS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 250
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



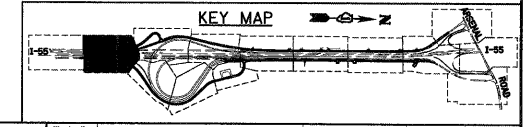
MATCH LINE SEE DRAWING PM-1
 WEST FRONTAGE RD
 STA. 5002+10.00
 RAMP D STA. 4021+08.63

MATCH LINE SEE DRAWING PM-1
 EAST FRONTAGE RD
 STA. 8005+50.00
 RAMP A STA. 7000+83.85

MATCH LINE SEE DRAWING PM-3
 WEST FRONTAGE RD
 STA. 5016+50.00
 RAMP D STA. 4006+38.90

MATCH LINE SEE DRAWING PM-4
 EAST FRONTAGE RD
 STA. 8019+00.00
 RAMP A STA. 7014+86.14

NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS,
 SPACING AND COLOR, SEE STANDARD TC-12.



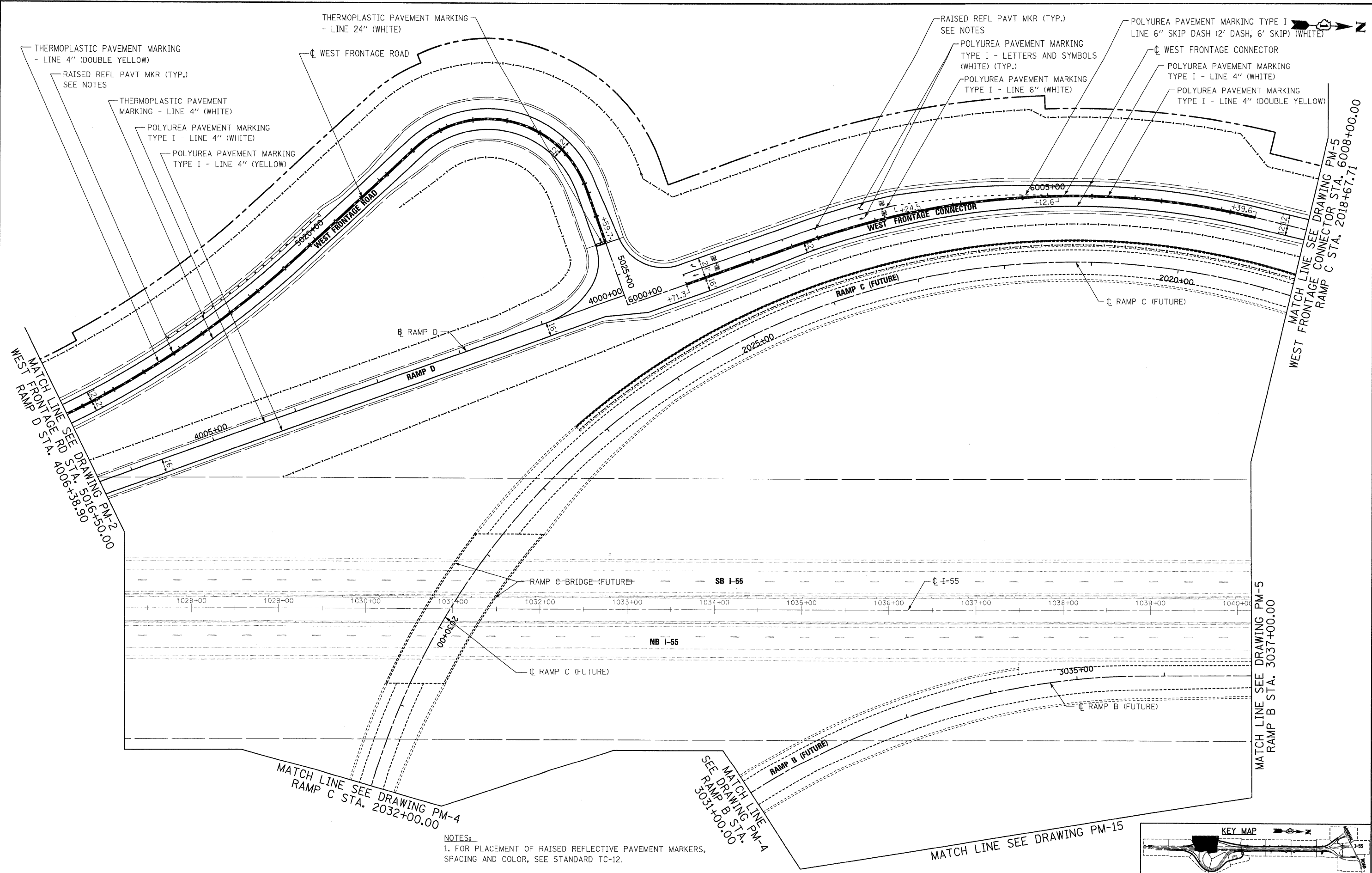
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PLOT DATE = 12/11/2009	DATE - 12/18/09	CHECKED - DLT	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 2 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	251
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60C31	



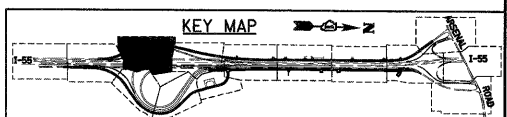
NOTES:
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PLOT DATE = 12/11/2009	DATE = 12/18/09	CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

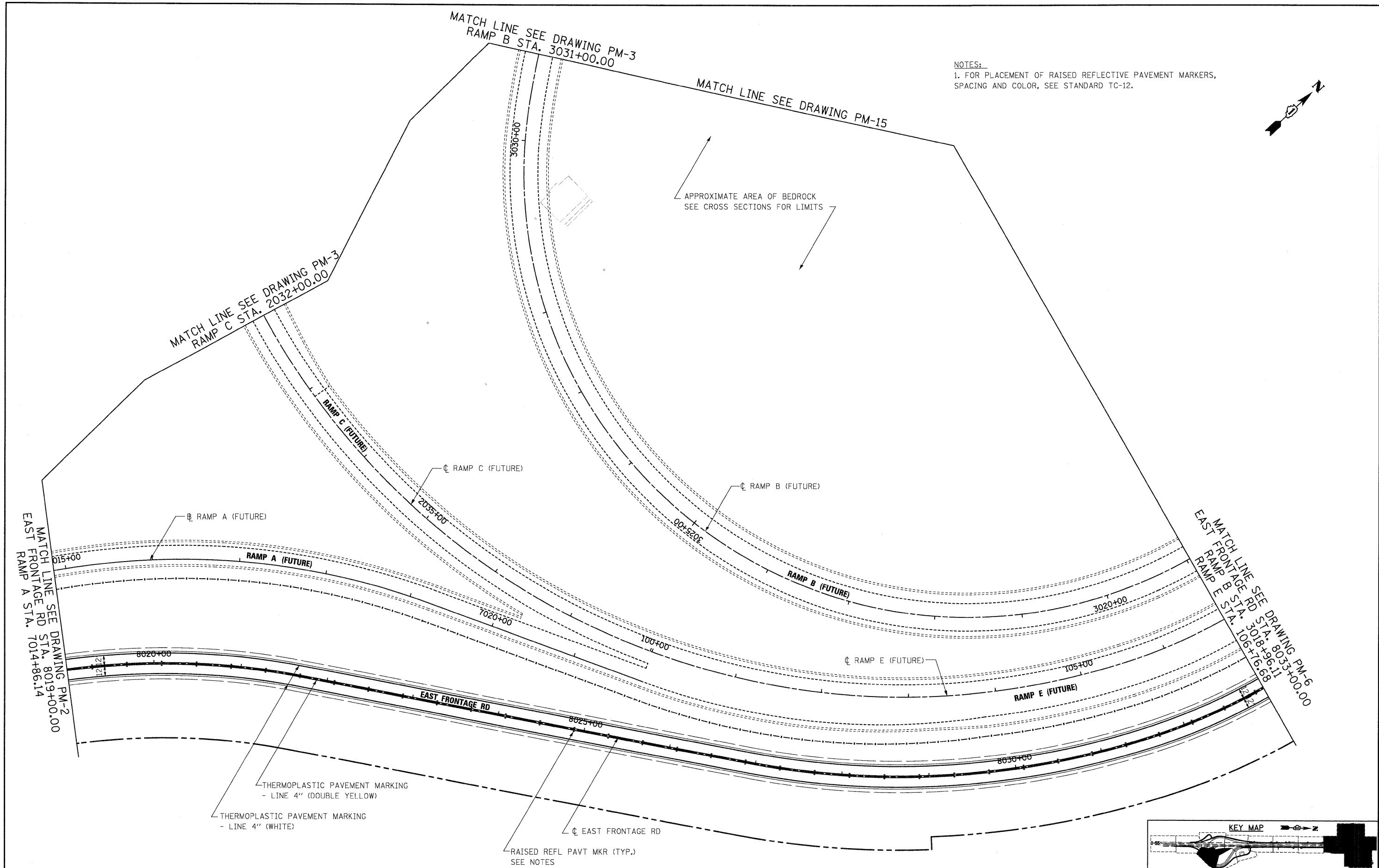
PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 3 OF 15 SHEETS STA. TO STA.



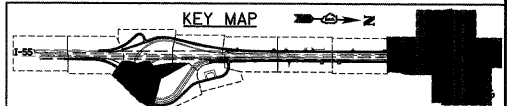
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	252
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS, SPACING AND COLOR, SEE STANDARD TC-12.

THERMOPLASTIC PAVEMENT MARKING
 - LINE 4" (DOUBLE YELLOW)
 THERMOPLASTIC PAVEMENT MARKING
 - LINE 4" (WHITE)
 RAISED REFL PAVT MKR (TYP.)
 SEE NOTES



FILE NAME = 0160C31-SHT-PMK04.dgn	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

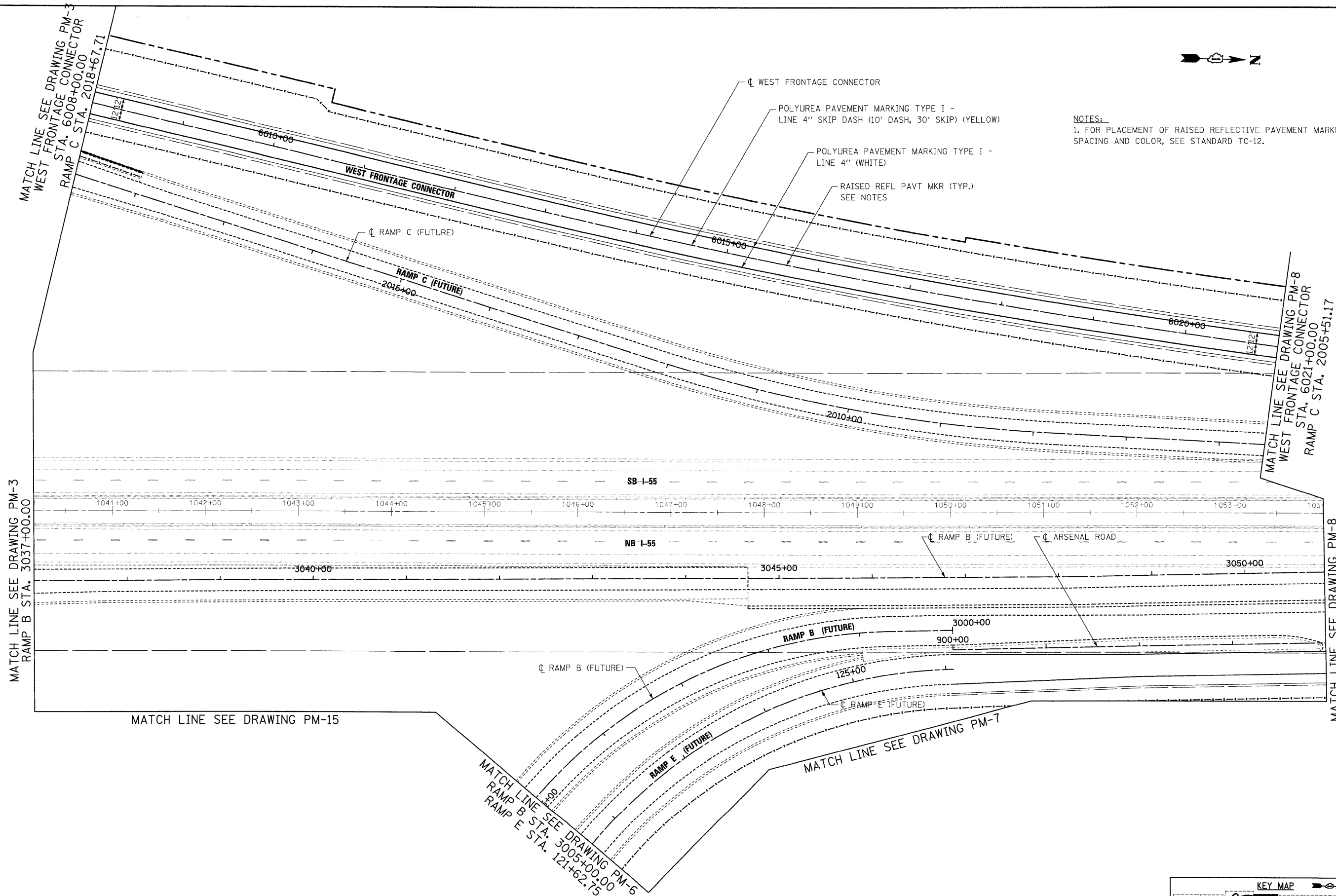
PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 4 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	253
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS, SPACING AND COLOR, SEE STANDARD TC-12.



MATCH LINE SEE DRAWING PM-3
 RAMP B STA. 3037+00.00

MATCH LINE SEE DRAWING PM-3
 WEST FRONTAGE CONNECTOR
 STA. 6008+00.00
 RAMP C STA. 2018+67.71

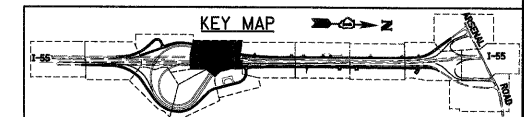
MATCH LINE SEE DRAWING PM-8
 WEST FRONTAGE CONNECTOR
 STA. 6021+00.00
 RAMP C STA. 2005+51.17

MATCH LINE SEE DRAWING PM-8
 ARSENAL RD STA. 904+00.00
 RAMP B STA. 3050+85.37

MATCH LINE SEE DRAWING PM-15

MATCH LINE SEE DRAWING PM-6
 RAMP B STA. 3005+00.00
 RAMP E STA. 121+62.75

MATCH LINE SEE DRAWING PM-7



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PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - MJT	REVISED -
PLOT DATE = 12/11/2009	DATE - 12/18/09		REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 5 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	254
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL

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		DATE - 12/18/09	REVISED -

NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS,
 SPACING AND COLOR, SEE STANDARD TC-12.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

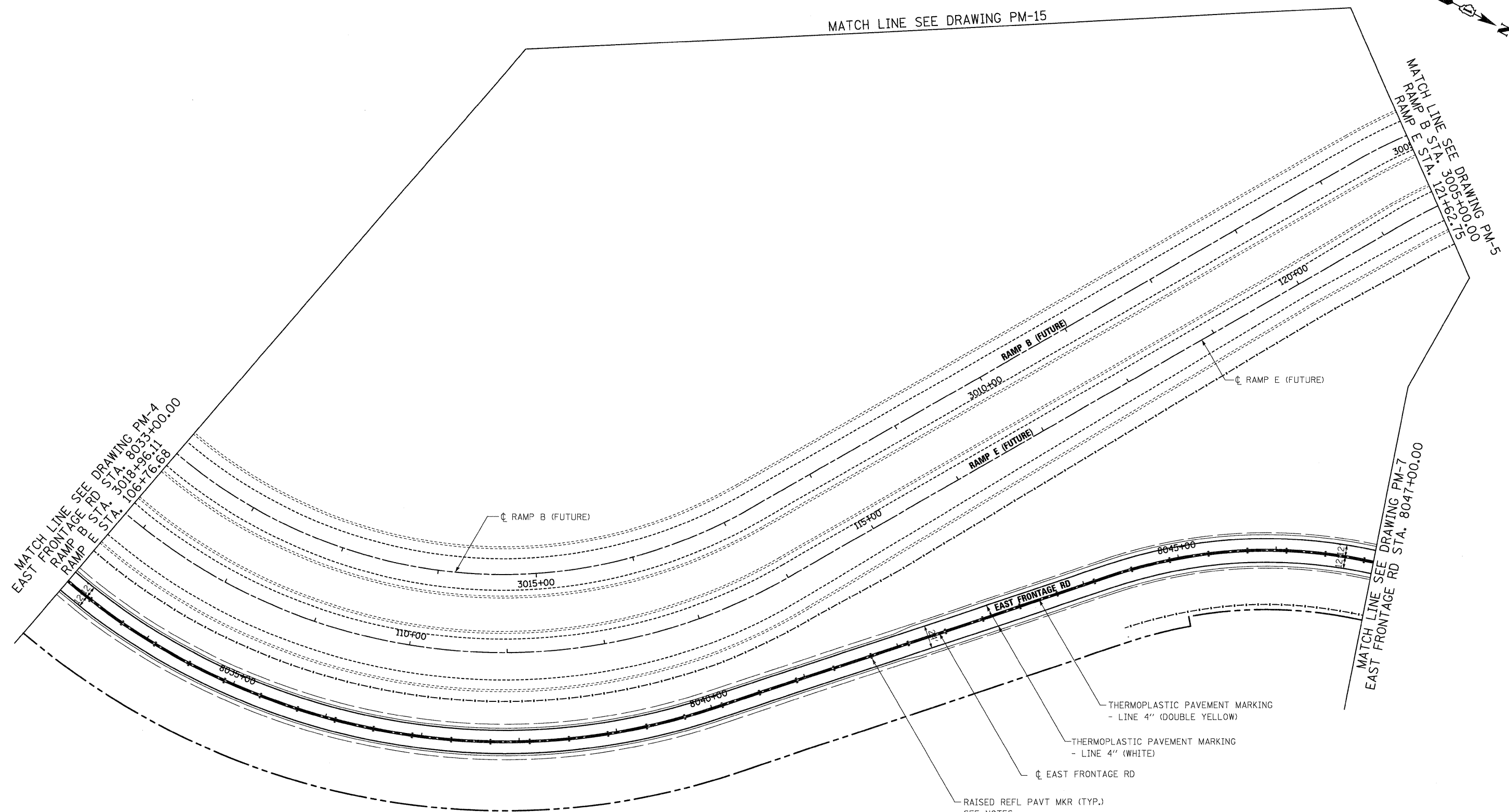
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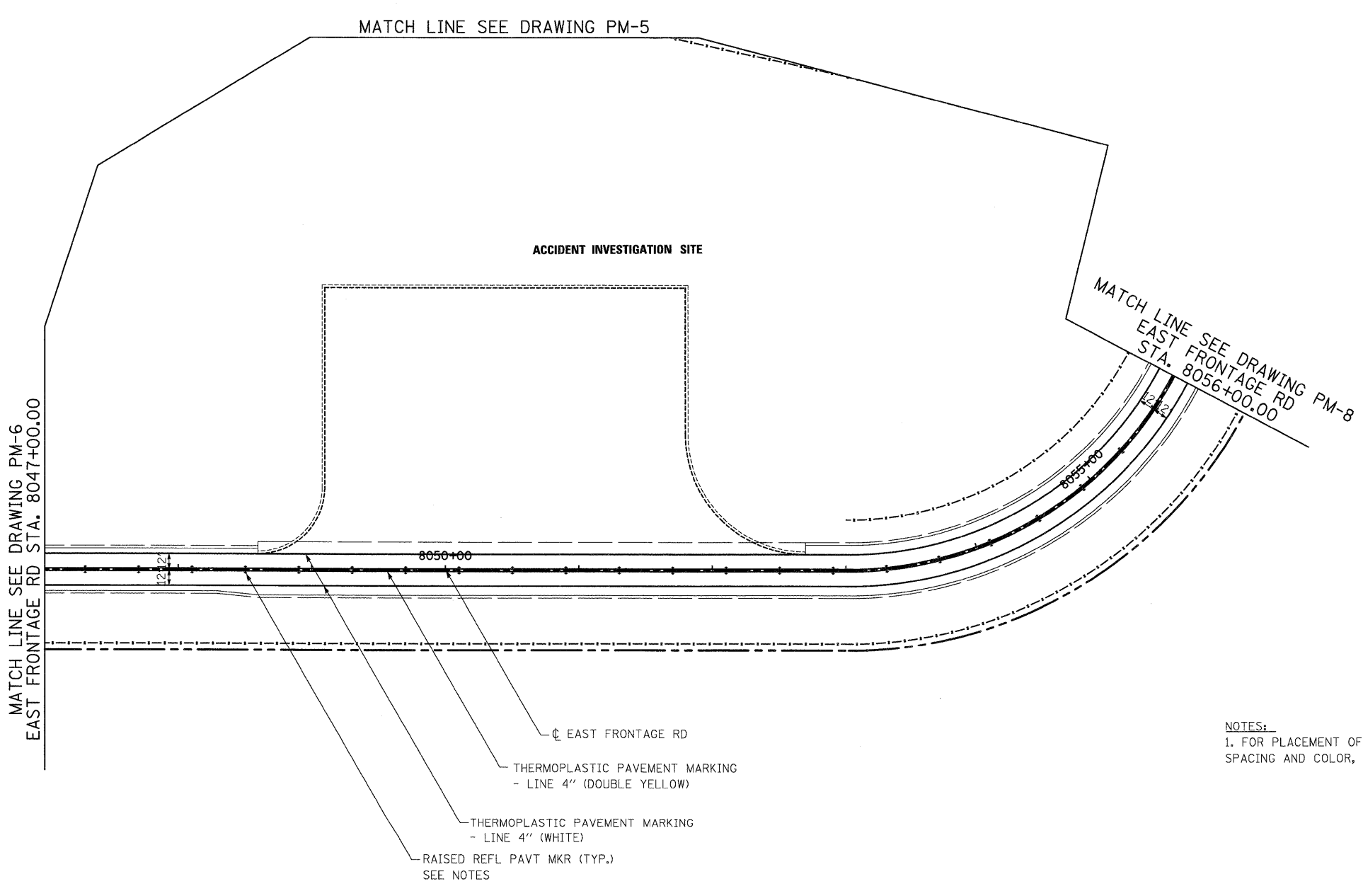
KEY MAP		COUNTY		TOTAL SHEETS	SHEET NO.
F.A.I. RTE. 55	SECTION (99-1&2)AC-3	WILL	524	255	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT		CONTRACT NO. 60C31			

MATCH LINE SEE DRAWING PM-4
 EAST FRONTAGE RD STA. 8033+00.00
 RAMP B STA. 3018+96.11
 RAMP E STA. 106+76.68

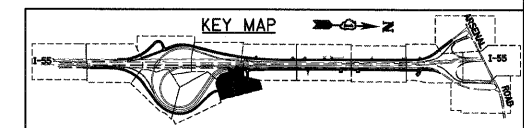
MATCH LINE SEE DRAWING PM-15

MATCH LINE SEE DRAWING PM-5
 RAMP B STA. 3005+00.00
 RAMP E STA. 121+62.75





NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS, SPACING AND COLOR, SEE STANDARD TC-12.



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 130 East Randolph Street, Chicago, Illinois 60601

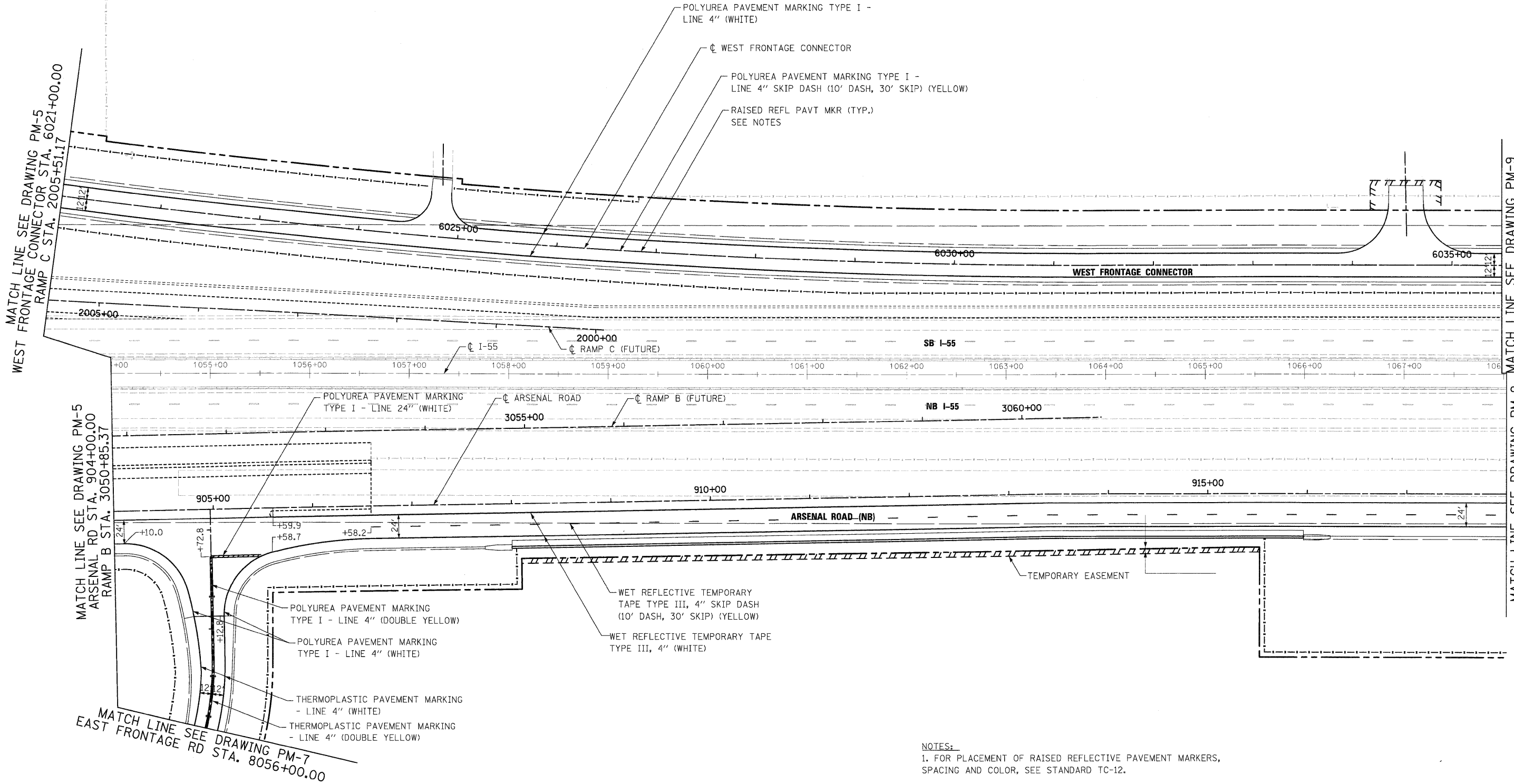
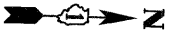
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PLOT SCALE = 1:50			
PLOT DATE = 12/11/2009			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: 1"=50'	SHEET NO. 7 OF 15 SHEETS	STA. _____	TO STA. _____
F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524
			SHEET NO. 256
			CONTRACT NO. 60C31
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

FINAL



MATCH LINE SEE DRAWING PM-5
WEST FRONTAGE CONNECTOR STA. 6021+00.00
RAMP C STA. 2005+51.17

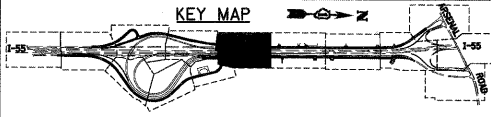
MATCH LINE SEE DRAWING PM-5
ARSENAL RD STA. 904+00.00
RAMP B STA. 3050+85.37

MATCH LINE SEE DRAWING PM-7
EAST FRONTAGE RD STA. 8056+00.00

MATCH LINE SEE DRAWING PM-9
WEST FRONTAGE CONNECTOR STA. 6035+50.00

MATCH LINE SEE DRAWING PM-9
ARSENAL RD STA. 918+00.00

NOTES:
1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS, SPACING AND COLOR, SEE STANDARD TC-12.



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130 East Randolph Street, Chicago, Illinois 60601

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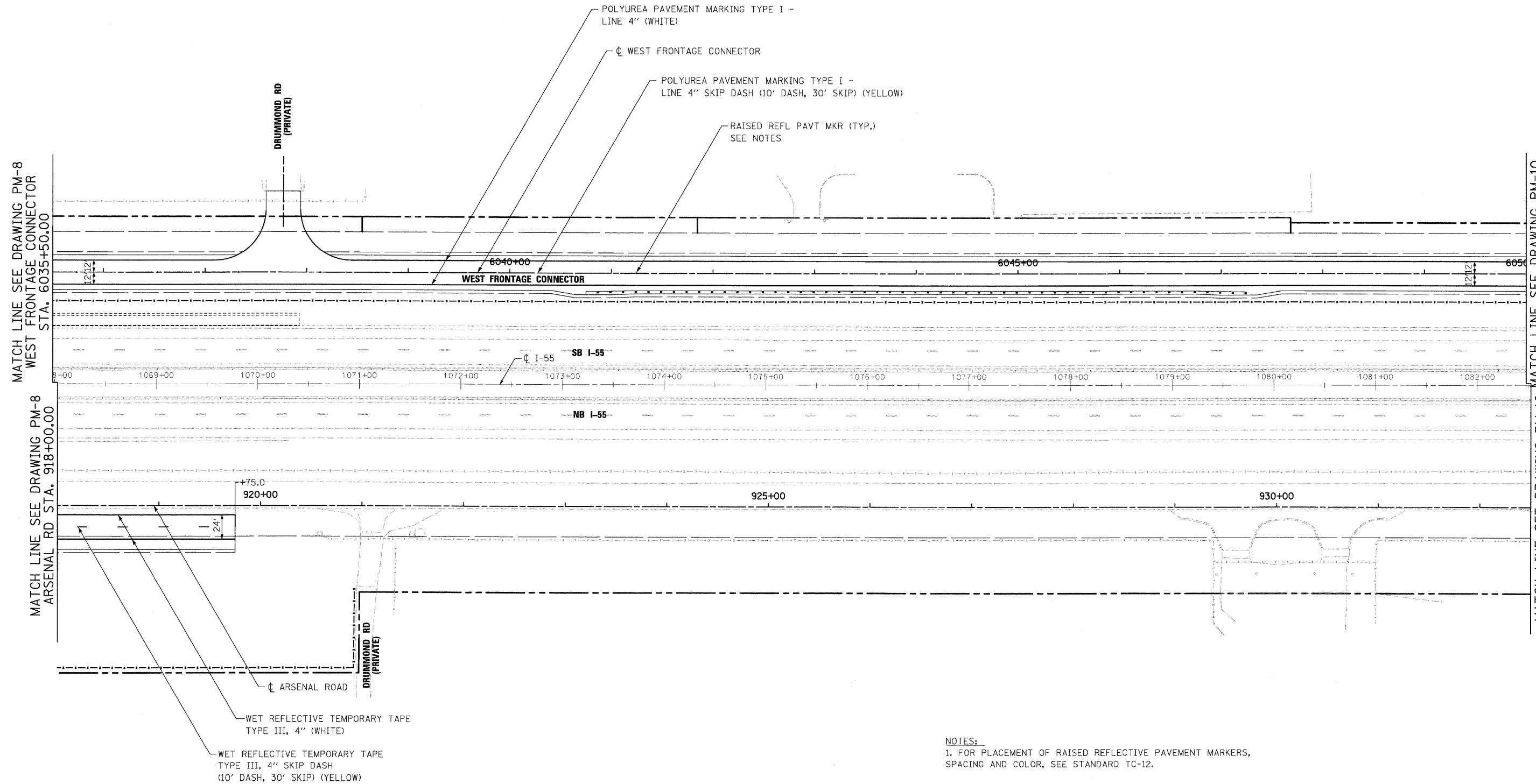
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 8 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	257
CONTRACT NO. 60C31				

FINAL



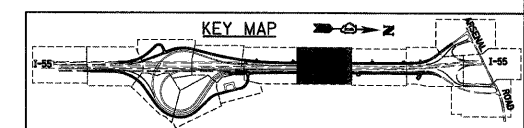
MATCH LINE SEE DRAWING PM-8
WEST FRONTAGE CONNECTOR
STA. 6035+50.00

MATCH LINE SEE DRAWING PM-8
ARSENAL RD STA. 918+00.00

MATCH LINE SEE DRAWING PM-10
WEST FRONTAGE CONNECTOR
STA. 6050+00.00

MATCH LINE SEE DRAWING PM-10
ARSENAL RD STA. 932+50.00

NOTES:
1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS,
SPACING AND COLOR, SEE STANDARD TC-12.



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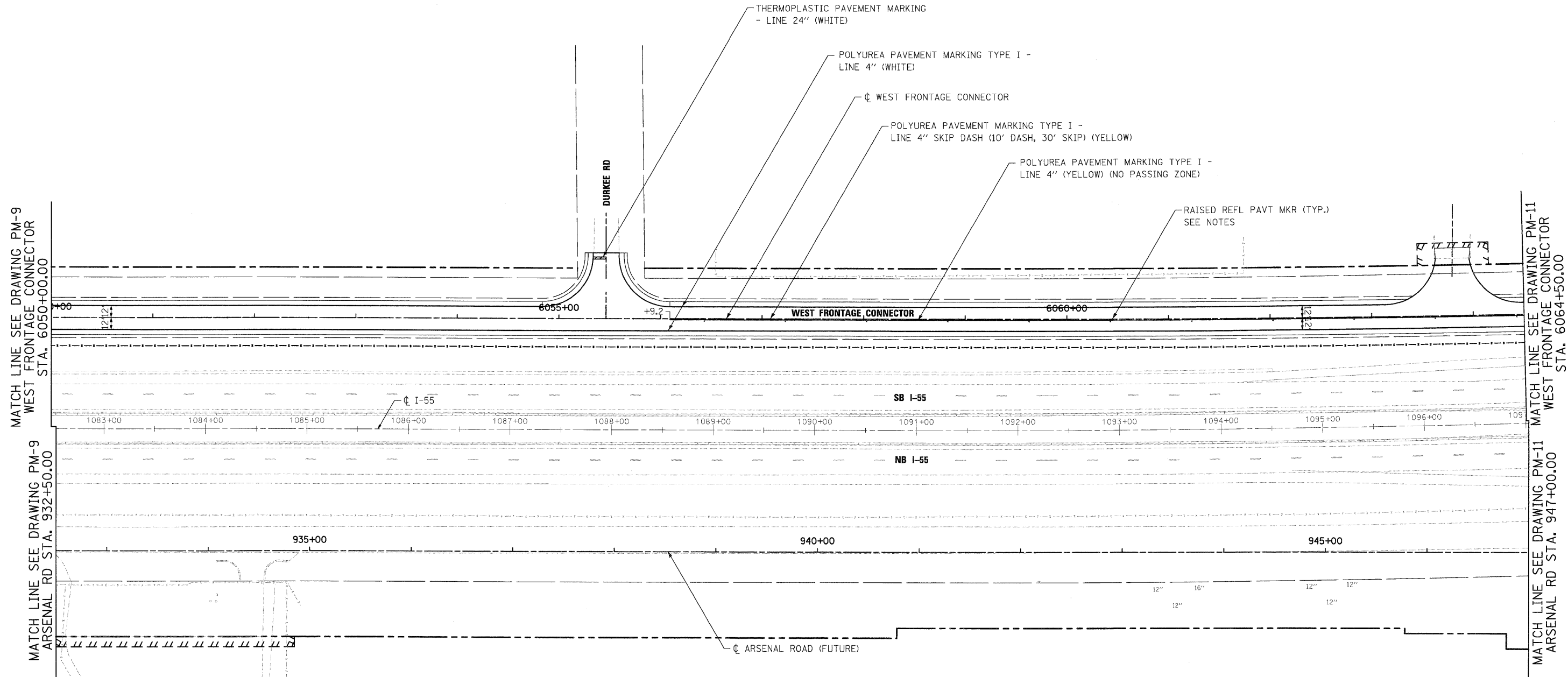
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 9 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	258
CONTRACT NO. 60C31				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



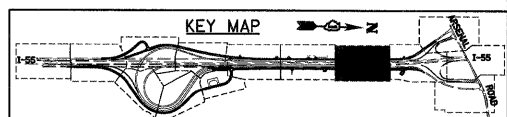
MATCH LINE SEE DRAWING PM-9
WEST FRONTAGE CONNECTOR
STA. 6050+00.00

MATCH LINE SEE DRAWING PM-11
WEST FRONTAGE CONNECTOR
STA. 6064+50.00

MATCH LINE SEE DRAWING PM-9
ARSENAL RD STA. 932+50.00

MATCH LINE SEE DRAWING PM-11
ARSENAL RD STA. 947+00.00

NOTES:
1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS,
SPACING AND COLOR, SEE STANDARD TC-12.



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130 East Randolph Street, Chicago, Illinois 60601

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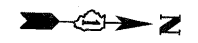
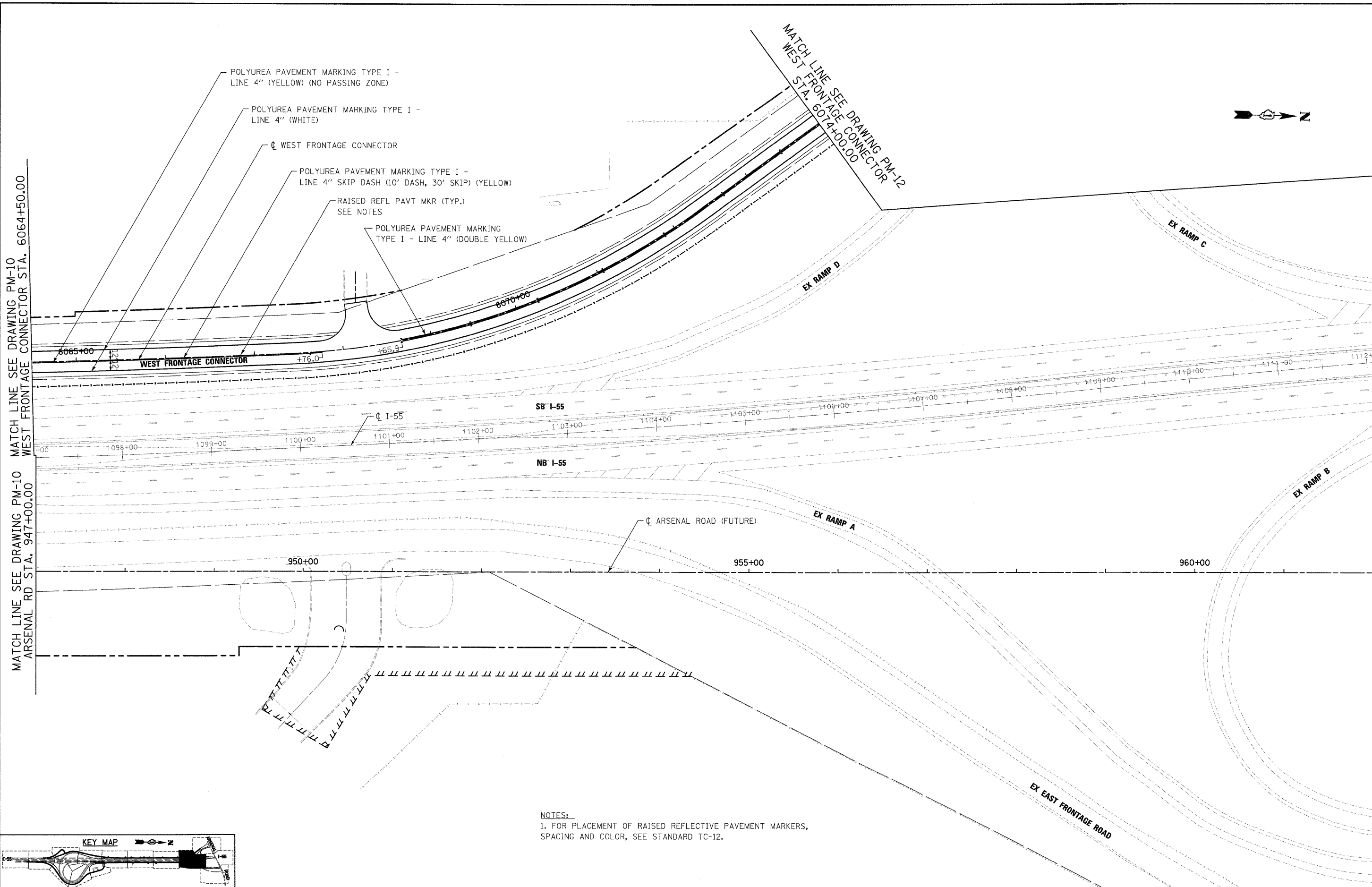
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 10 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	259
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

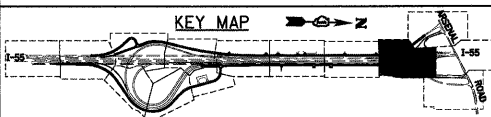


MATCH LINE SEE DRAWING PM-10 WEST FRONTAGE CONNECTOR STA. 6064+50.00

MATCH LINE SEE DRAWING PM-10 ARSENAL RD STA. 947+00.00

MATCH LINE SEE DRAWING PM-13 ARSENAL RD STA. 962+00.00

NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS, SPACING AND COLOR, SEE STANDARD TC-12.



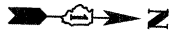
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		DATE - 12/18/09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 11 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	260
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS, SPACING AND COLOR, SEE STANDARD TC-12.

POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (WHITE)

WEST FRONTAGE CONNECTOR

POLYUREA PAVEMENT MARKING TYPE I - LINE 4" (DOUBLE YELLOW)

RAISED REFL PAVT MKR (TYP.) SEE NOTES

EX WEST FRONTAGE ROAD
 6080+00

EX RAMP D

EX RAMP C

EX ARSENAL ROAD
 6085+00

WEST FRONTAGE CONNECTOR (FUTURE)

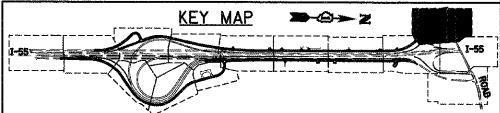
MATCH EXISTING PAVEMENT MARKINGS

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

MATCH LINE SEE DRAWING PM-11 WEST FRONTAGE CONNECTOR STA. 6074+00.00

MATCH LINE SEE DRAWING PM-13 WEST FRONTAGE CONNECTOR STA. 6086+50.00



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

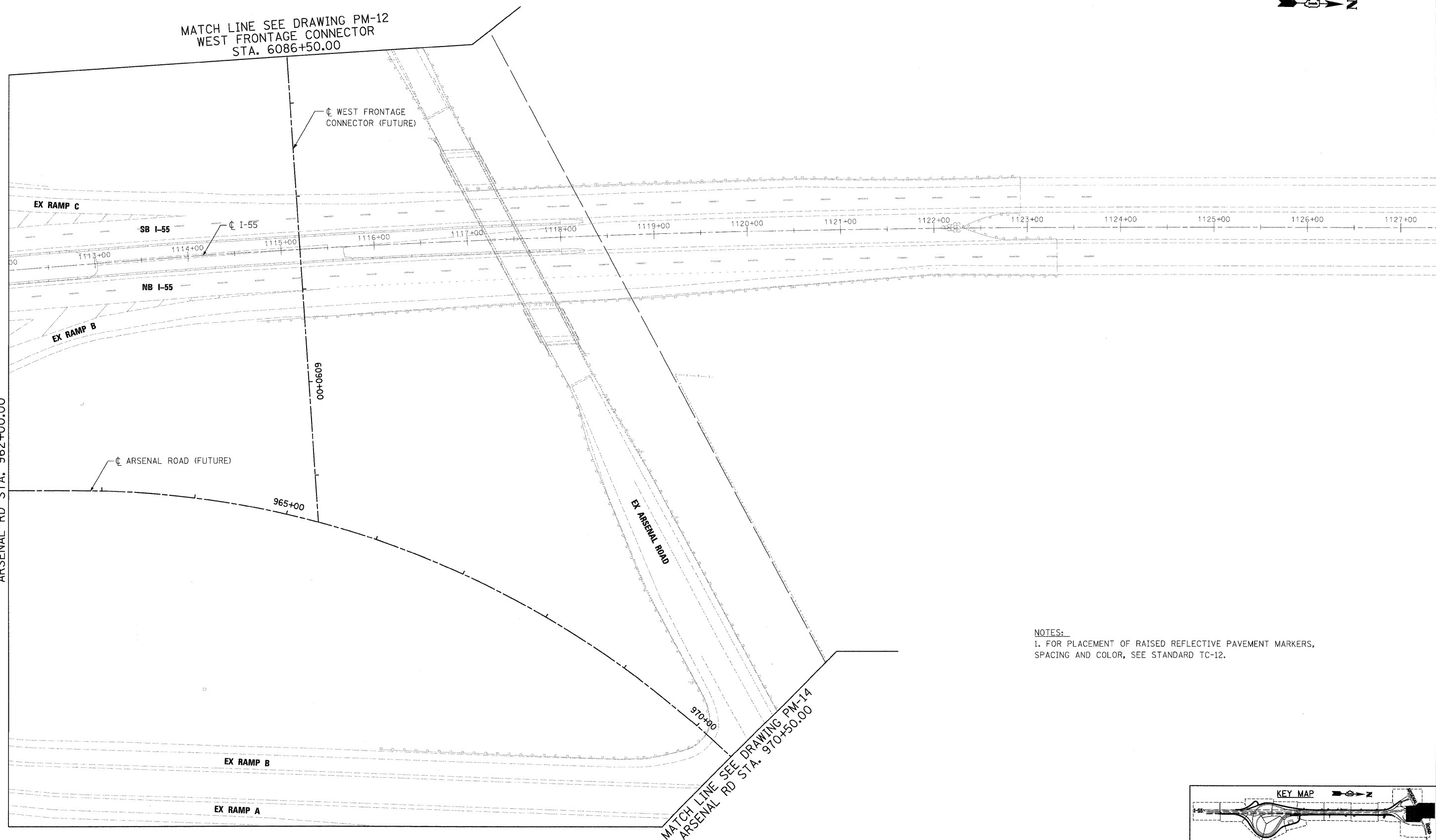
PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 12 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	261
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



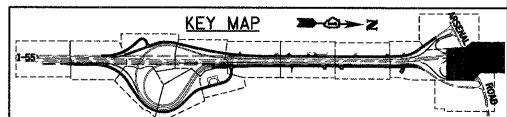
MATCH LINE SEE DRAWING PM-12
WEST FRONTAGE CONNECTOR
STA. 6086+50.00



MATCH LINE SEE DRAWING PM-11
ARSENAL RD STA. 962+00.00

NOTES:
1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS,
SPACING AND COLOR, SEE STANDARD TC-12.

MATCH LINE SEE DRAWING PM-14
ARSENAL RD STA. 970+50.00



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Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

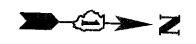
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PLOT DATE = 12/11/2009	DATE = 12/18/09	CHECKED - DLT	REVISED -
		DESIGNED - MJT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 13 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	262
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



MATCH LINE SEE DRAWING PM-13
ARSENAL RD STA. 9070+50.00

EX RAMP A

ARSENAL ROAD (FUTURE)

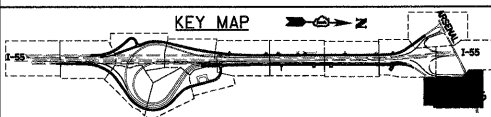
EX EAST FRONTAGE ROAD

515+00

EX ARSENAL ROAD

00+086

NOTES:
1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS,
SPACING AND COLOR, SEE STANDARD TC-12.



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130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D162C31-SHT-PMK14.dgn	USER NAME = Tkluegel	DESIGNED - MJT	REVISED -
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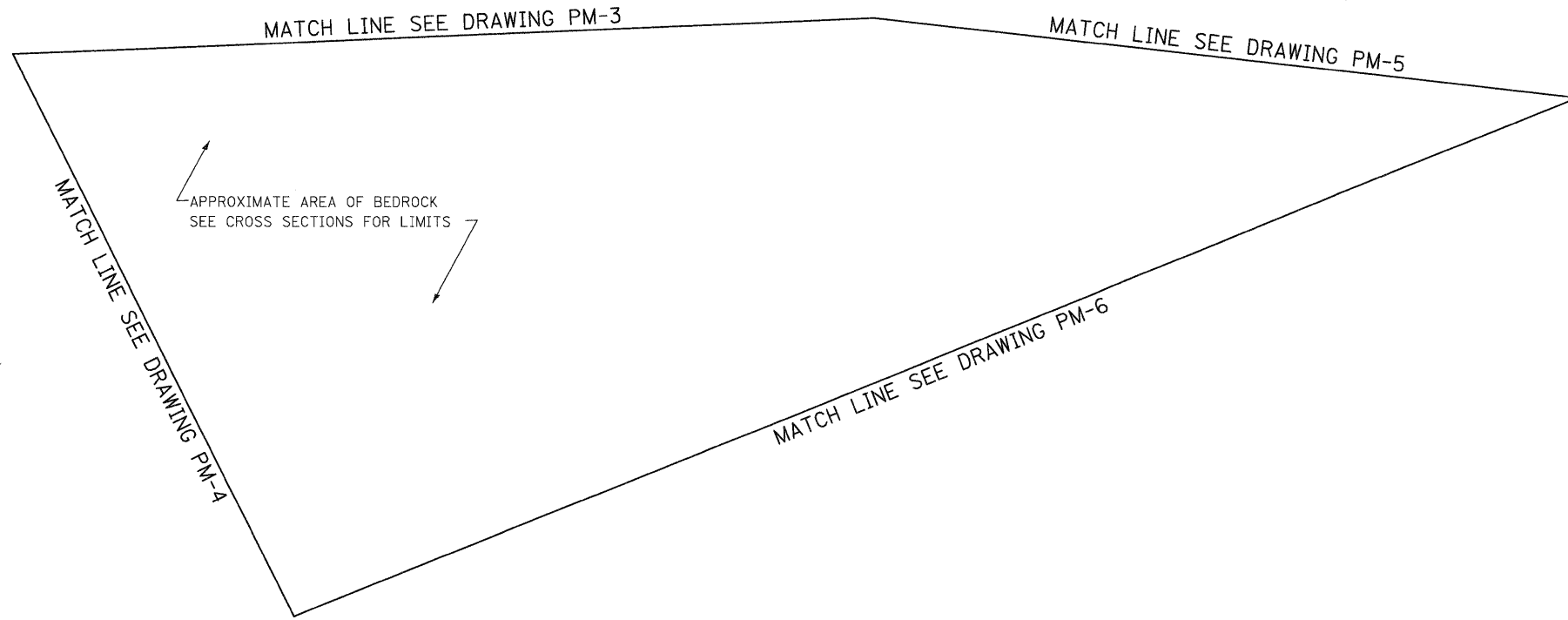
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

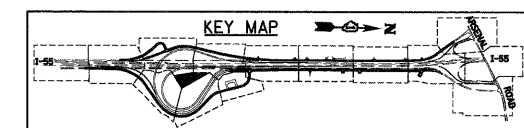
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	263
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



NOTES:
 1. FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS, SPACING AND COLOR, SEE STANDARD TC-12.



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 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME = D162C31-SHT-PMK15.dgn	USER NAME = TKLuegel	DESIGNED - MJT	REVISED -
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





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

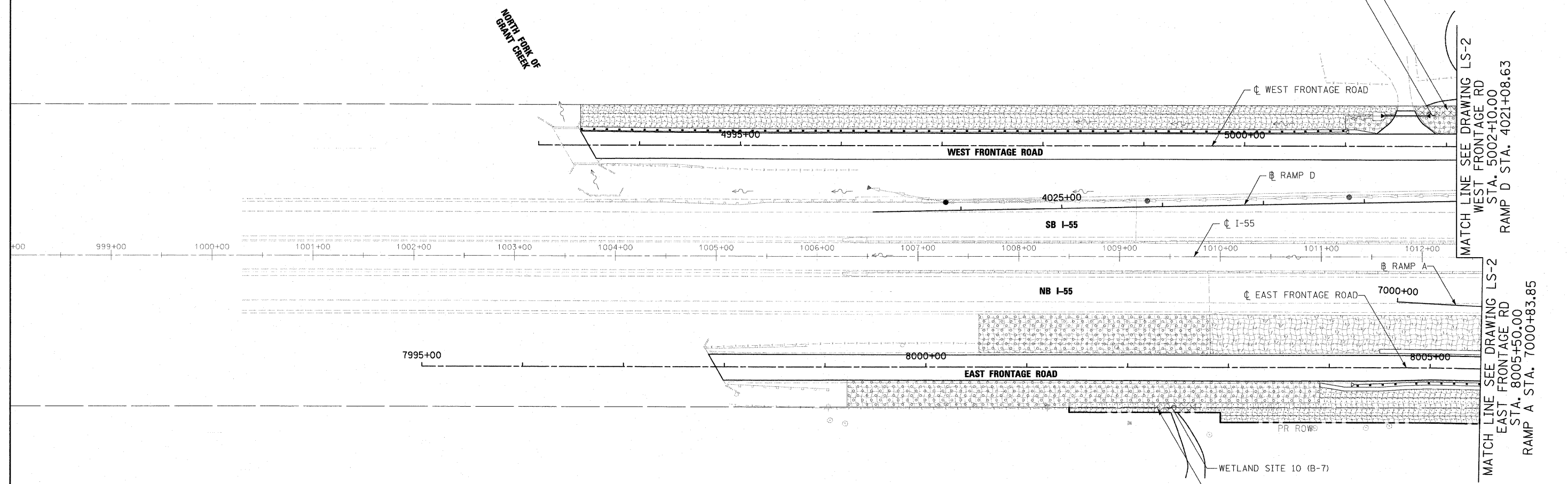
PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	264
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

LANDSCAPING LEGEND

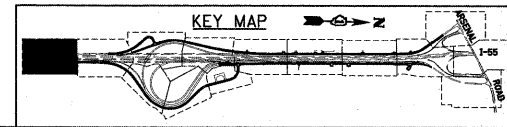
	SEEDING CLASS 2A TOPSOIL, 4"		SEEDING CLASS 4 COMPOST F & P, 2" TOPSOIL, 4"
	SEEDING CLASS 7		SEEDING CLASS 4B (MODIFIED) COMPOST F & P, 2" TOPSOIL, 4"
	EROSION CONTROL BLANKET		PERENNIAL PLANTS PRAIRIE TYPE
	PERENNIAL PLANTS WETLAND TYPE		PERENNIAL PLANTS WETLAND TYPE



NOTES:

1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.

PERENNIAL PLANTS, WETLAND TYPE
BLUE JOINT GRASS - 32 EA.
TUSsock SEDGE - 32 EA.
PRAIRIE CORD GRASS - 32 EA.



FILE NAME = 01680C31-SHT-LNDSCP01.dgn	USER NAME = j1etour	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION









LANDSCAPE PLAN

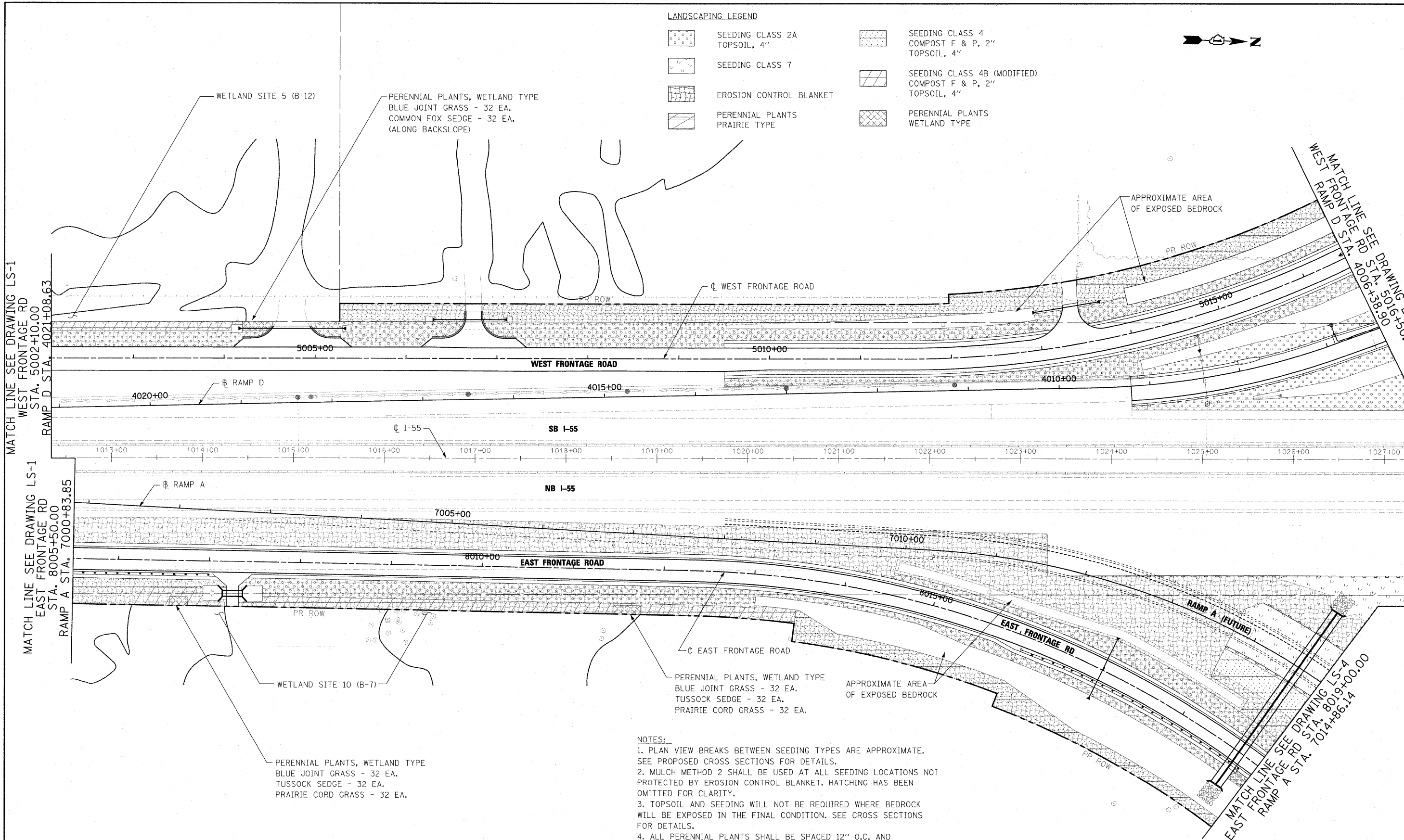
SCALE: 1"=50' SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	265
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

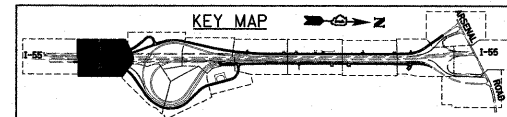
LANDSCAPING LEGEND

	SEEDING CLASS 2A TOPSOIL, 4"		SEEDING CLASS 4 COMPOST F & P, 2" TOPSOIL, 4"
	SEEDING CLASS 7		SEEDING CLASS 4B (MODIFIED) COMPOST F & P, 2" TOPSOIL, 4"
	EROSION CONTROL BLANKET		PERENNIAL PLANTS PRAIRIE TYPE
	PERENNIAL PLANTS WETLAND TYPE		PERENNIAL PLANTS WETLAND TYPE



NOTES:

1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



FILE NAME = D168C31-SHT-LNDSCP02.dgn	USER NAME = j1otour	DESIGNED - MJT	REVISED -
PLCT SCALE = 1:50	DRAWN - MJT	CHECKED - DLT	REVISED -
PLCT DATE = 1/19/2010	DATE - 12/18/09		REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION







LANDSCAPE PLAN

SCALE: 1"=50' SHEET NO. 2 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	266
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

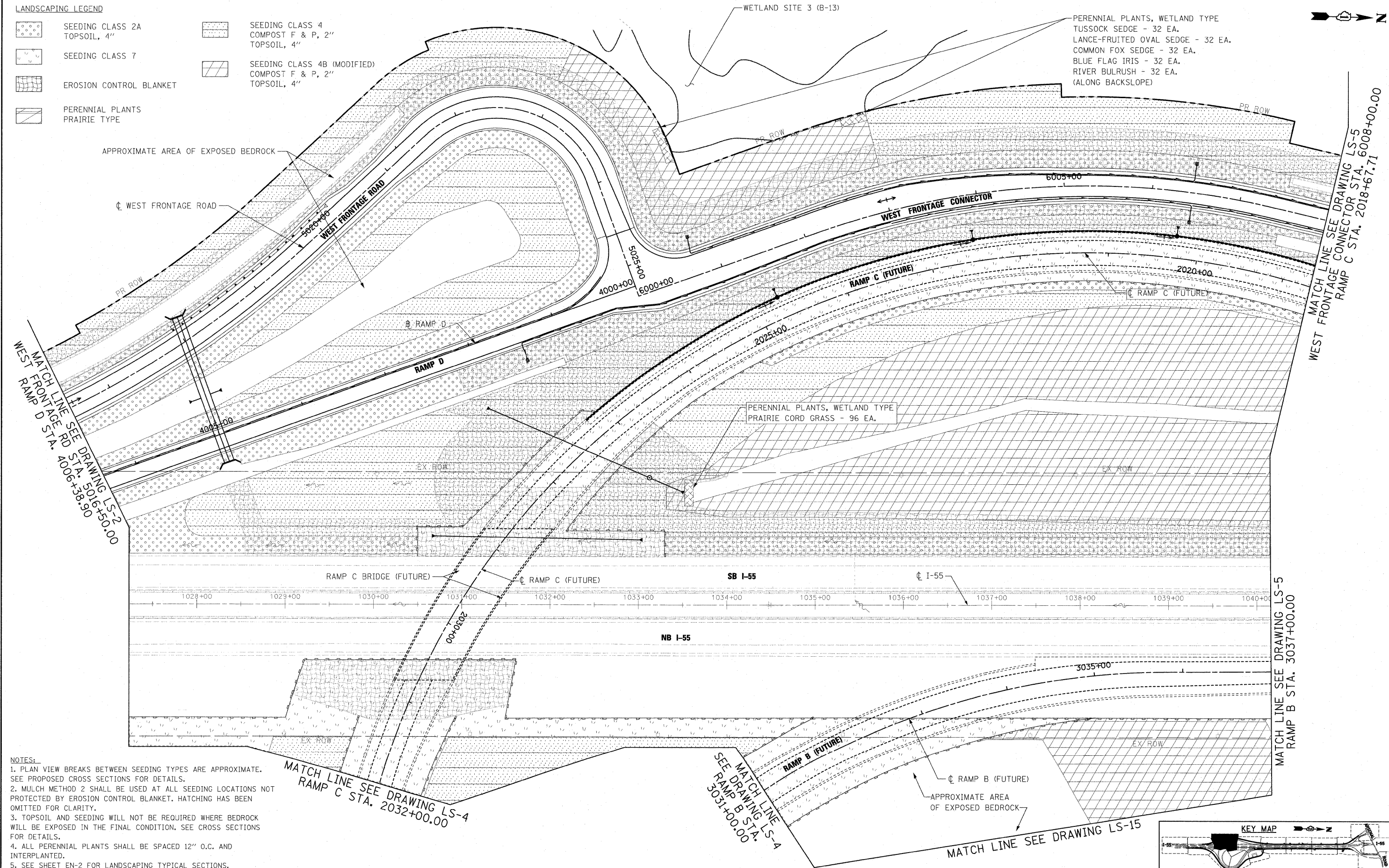
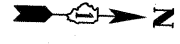
FINAL

LANDSCAPING LEGEND

-  SEEDING CLASS 2A
TOPSOIL, 4"
-  SEEDING CLASS 7
-  EROSION CONTROL BLANKET
-  PERENNIAL PLANTS
PRAIRIE TYPE
-  SEEDING CLASS 4
COMPOST F & P, 2"
TOPSOIL, 4"
-  SEEDING CLASS 4B (MODIFIED)
COMPOST F & P, 2"
TOPSOIL, 4"

- PERENNIAL PLANTS, WETLAND TYPE
 TUSsock SEDGE - 32 EA.
 LANCE-FRUITED OVAL SEDGE - 32 EA.
 COMMON FOX SEDGE - 32 EA.
 BLUE FLAG IRIS - 32 EA.
 RIVER BULRUSH - 32 EA.
 (ALONG BACKSLOPE)

WETLAND SITE 3 (B-13)



- NOTES:
1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
 2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
 3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
 4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
 5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.

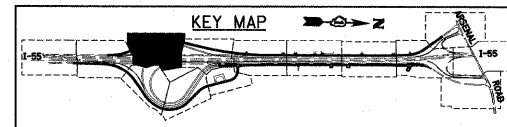
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME =	USER NAME = jlatour	DESIGNED = MJT	REVISED =
D1660C31-SHT-LNDSCP03.dgn		DRAWN = MJT	REVISED =
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	PLOT DATE = 1/19/2010	DATE = 12/18/09	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

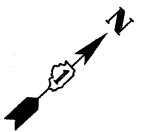
LANDSCAPE PLAN

SCALE: 1"=50' SHEET NO. 3 OF 15 SHEETS STA. TO STA.










F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	267
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

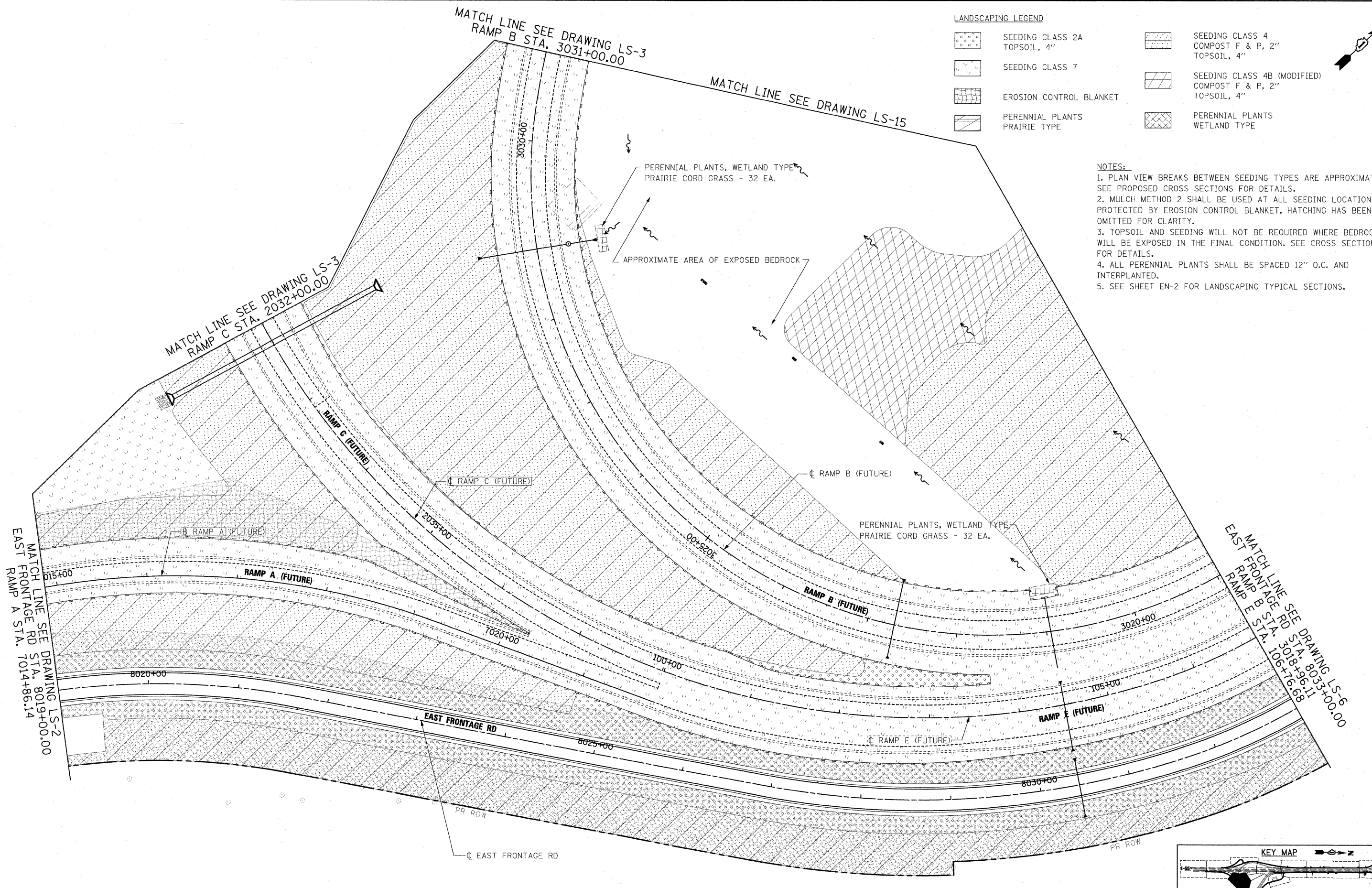
FINAL



LANDSCAPING LEGEND

-  SEEDING CLASS 2A
TOPSOIL, 4"
-  SEEDING CLASS 7
-  EROSION CONTROL BLANKET
-  PERENNIAL PLANTS
PRAIRIE TYPE
-  SEEDING CLASS 4
COMPOST F & P, 2"
TOPSOIL, 4"
-  SEEDING CLASS 4B (MODIFIED)
COMPOST F & P, 2"
TOPSOIL, 4"
-  PERENNIAL PLANTS
WETLAND TYPE

- NOTES:
1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
 2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
 3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
 4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
 5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street Chicago, Illinois 60601

FILE NAME =
D:\6031-SHT-LN05CP04.dgn

USER NAME = jleatour

PLOT SCALE = 1:50

PLOT DATE = 1/19/2010

DESIGNED - MJT

DRAWN - MJT

CHECKED - DLT

DATE - 12/18/09

REVISED -

REVISED -

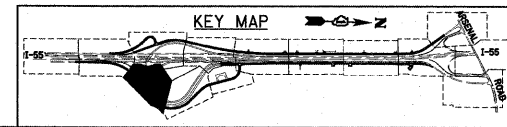
REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN

SCALE: 1"=50' SHEET NO. 4 OF 15 SHEETS STA. TO STA.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	268
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

FILE NAME = D:\G0C31-SHT LNDSCP05.dgn
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 DATE - 12/18/09

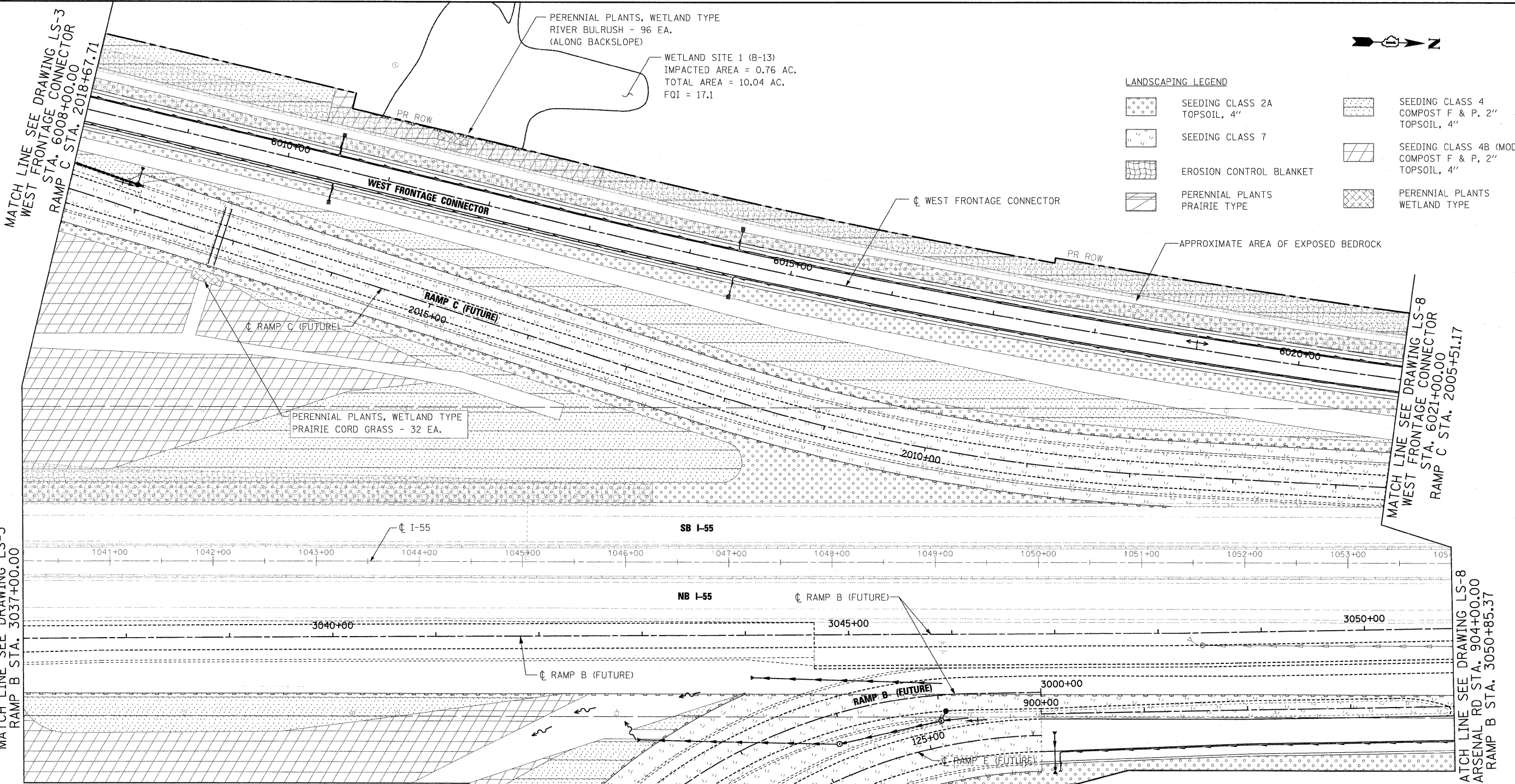
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

SCALE: 1"=50' SHEET NO. 5 OF 15 SHEETS STA. TO STA.

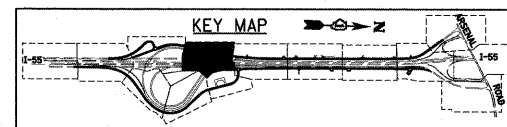
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	269
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

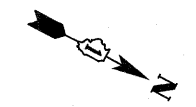


LANDSCAPING LEGEND

[Pattern]	SEEDING CLASS 2A TOPSOIL, 4"	[Pattern]	SEEDING CLASS 4 COMPOST F & P, 2" TOPSOIL, 4"
[Pattern]	SEEDING CLASS 7	[Pattern]	SEEDING CLASS 4B (MODIFIED) COMPOST F & P, 2" TOPSOIL, 4"
[Pattern]	EROSION CONTROL BLANKET	[Pattern]	PERENNIAL PLANTS PRAIRIE TYPE
[Pattern]	PERENNIAL PLANTS RIVER BULRUSH	[Pattern]	PERENNIAL PLANTS WETLAND TYPE

- NOTES:**
1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
 2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
 3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
 4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
 5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.





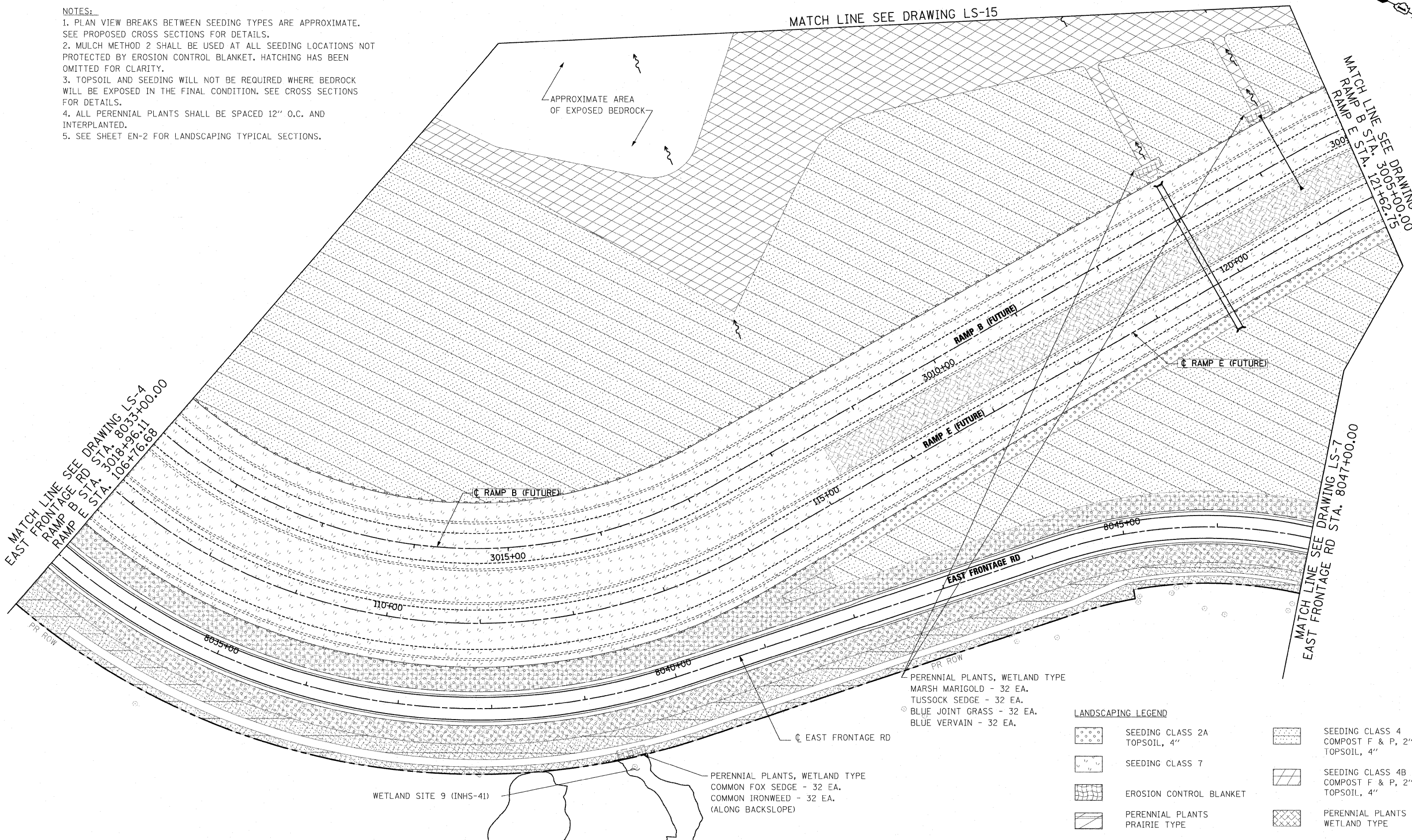
- NOTES:
1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
 2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
 3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
 4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
 5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.

MATCH LINE SEE DRAWING LS-15

MATCH LINE SEE DRAWING LS-5
 RAMP B STA. 3005+00.00
 RAMP E STA. 121+62.75

MATCH LINE SEE DRAWING LS-4
 EAST FRONTAGE RD STA. 8033+00.00
 RAMP B STA. 3018+96.11
 RAMP E STA. 106+76.68

MATCH LINE SEE DRAWING LS-7
 EAST FRONTAGE RD STA. 8047+00.00



APPROXIMATE AREA OF EXPOSED BEDROCK

☉ RAMP B (FUTURE)

RAMP B (FUTURE)

RAMP E (FUTURE)

☉ RAMP E (FUTURE)

EAST FRONTAGE RD

☉ EAST FRONTAGE RD

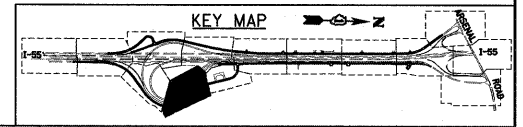
WETLAND SITE 9 (INHS-41)

PERENNIAL PLANTS, WETLAND TYPE
 COMMON FOX SEDGE - 32 EA.
 COMMON IRONWEED - 32 EA.
 (ALONG BACKSLOPE)

PERENNIAL PLANTS, WETLAND TYPE
 MARSH MARIGOLD - 32 EA.
 TUSsock SEDGE - 32 EA.
 BLUE JOINT GRASS - 32 EA.
 BLUE VERVAIn - 32 EA.

LANDSCAPING LEGEND

- SEEDING CLASS 2A
TOPSOIL, 4"
- SEEDING CLASS 7
- EROSION CONTROL BLANKET
- PERENNIAL PLANTS PRAIRIE TYPE
- SEEDING CLASS 4
COMPOST F & P, 2"
TOPSOIL, 4"
- SEEDING CLASS 4B (MODIFIED)
COMPOST F & P, 2"
TOPSOIL, 4"
- PERENNIAL PLANTS WETLAND TYPE



McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME =	USER NAME = jletour
0168C31-SHT-LNDCSP06.dgn	
PLOT SCALE = 1:50	
PLOT DATE = 1/19/2010	

DESIGNED - MJT	REVISED -
DRAWN - MJT	REVISED -
CHECKED - DLT	REVISED -
DATE - 12/18/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50'	SHEET NO. 6 OF 15 SHEETS	STA. TO STA.
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LANDSCAPE PLAN				
F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 270
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

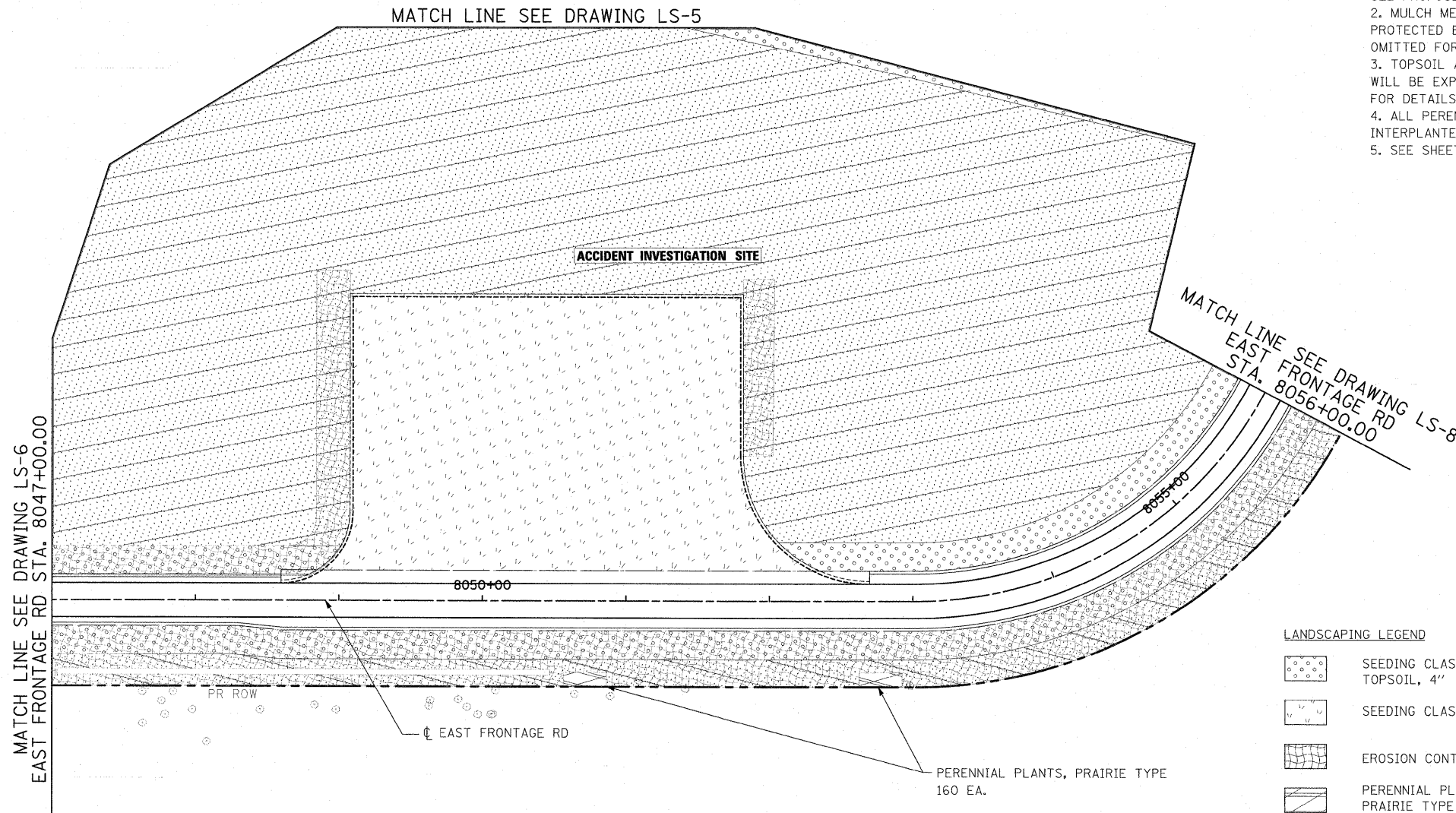
SCALE: 1"=50'	SHEET NO. 6 OF 15 SHEETS	STA. TO STA.
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FINAL



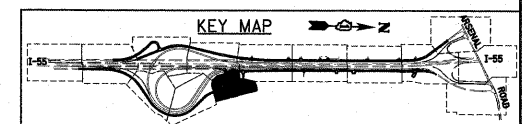
NOTES:

1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



LANDSCAPING LEGEND

- | | | | |
|--|----------------------------------|--|---|
| | SEEDING CLASS 2A
TOPSOIL, 4" | | SEEDING CLASS 4
COMPOST F & P, 2"
TOPSOIL, 4" |
| | SEEDING CLASS 7 | | SEEDING CLASS 4B (MODIFIED)
COMPOST F & P, 2"
TOPSOIL, 4" |
| | EROSION CONTROL BLANKET | | PERENNIAL PLANTS
PRAIRIE TYPE |
| | PERENNIAL PLANTS
PRAIRIE TYPE | | PERENNIAL PLANTS
WETLAND TYPE |



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 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = 0160C31-SHT-LNDSCP07.dgn	USER NAME = jlatour	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

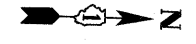
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

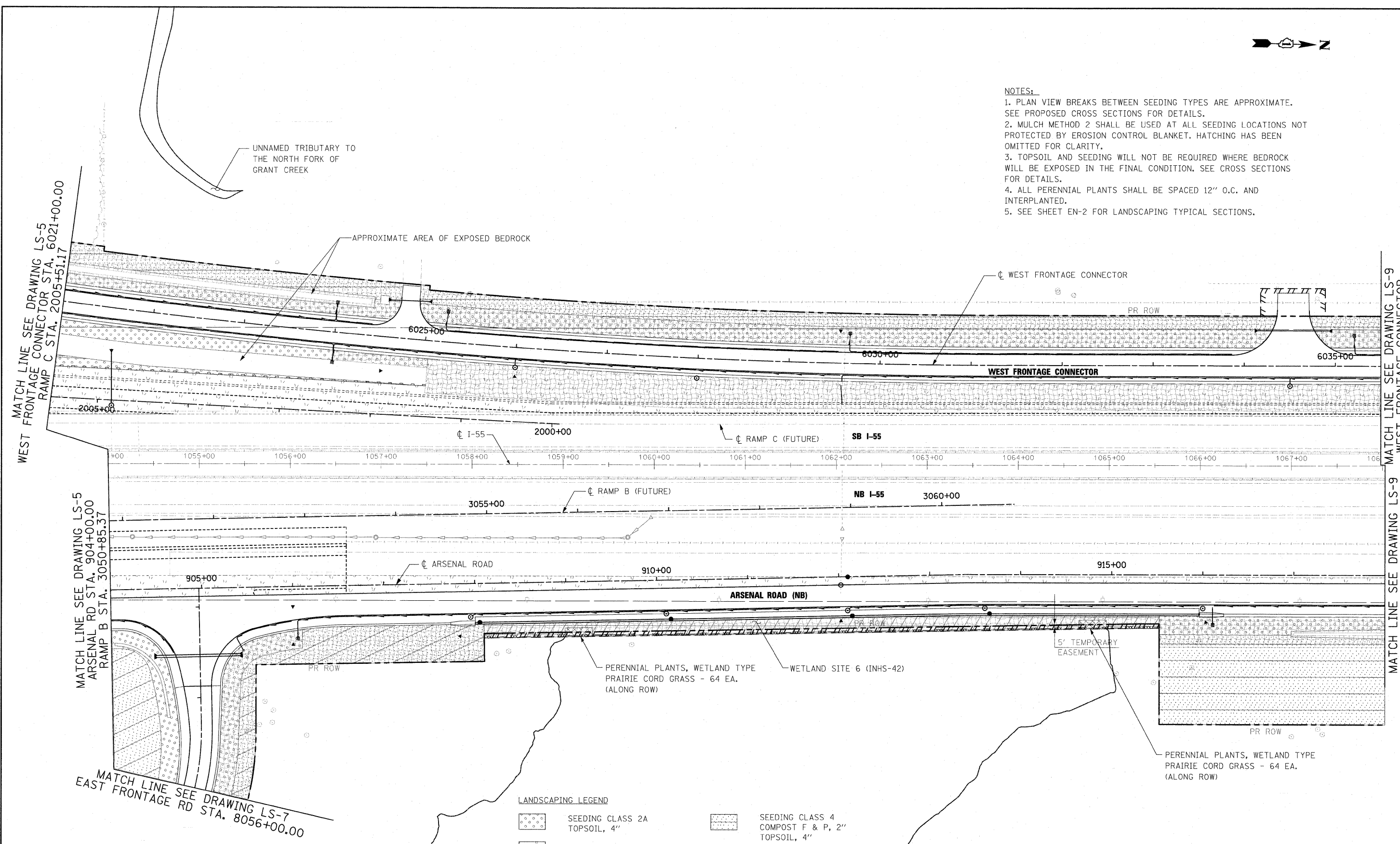
SCALE: 1"=50' SHEET NO. 7 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	271
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



- NOTES:**
1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
 2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
 3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
 4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
 5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



MATCH LINE SEE DRAWING LS-5
WEST FRONTAGE CONNECTOR STA. 6021+00.00
RAMP C STA. 2005+51.17

MATCH LINE SEE DRAWING LS-5
ARSENAL RD STA. 904+00.00
RAMP B STA. 3050+85.37

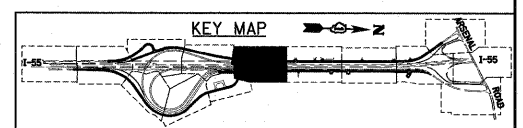
MATCH LINE SEE DRAWING LS-7
EAST FRONTAGE RD STA. 8056+00.00

MATCH LINE SEE DRAWING LS-9
WEST FRONTAGE CONNECTOR
STA. 6035+50.00
RAMP C STA. 1990+89.59

MATCH LINE SEE DRAWING LS-9
ARSENAL RD STA. 918+00.00

LANDSCAPING LEGEND

- | | | | |
|--|----------------------------------|--|---|
| | SEEDING CLASS 2A
TOPSOIL, 4" | | SEEDING CLASS 4
COMPOST F & P, 2"
TOPSOIL, 4" |
| | SEEDING CLASS 7 | | SEEDING CLASS 4B (MODIFIED)
COMPOST F & P, 2"
TOPSOIL, 4" |
| | EROSION CONTROL BLANKET | | PERENNIAL PLANTS
WETLAND TYPE |
| | PERENNIAL PLANTS
PRAIRIE TYPE | | |



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130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D1680C31-SHT-LANDSCP08.dgn	USER NAME = jlatour	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

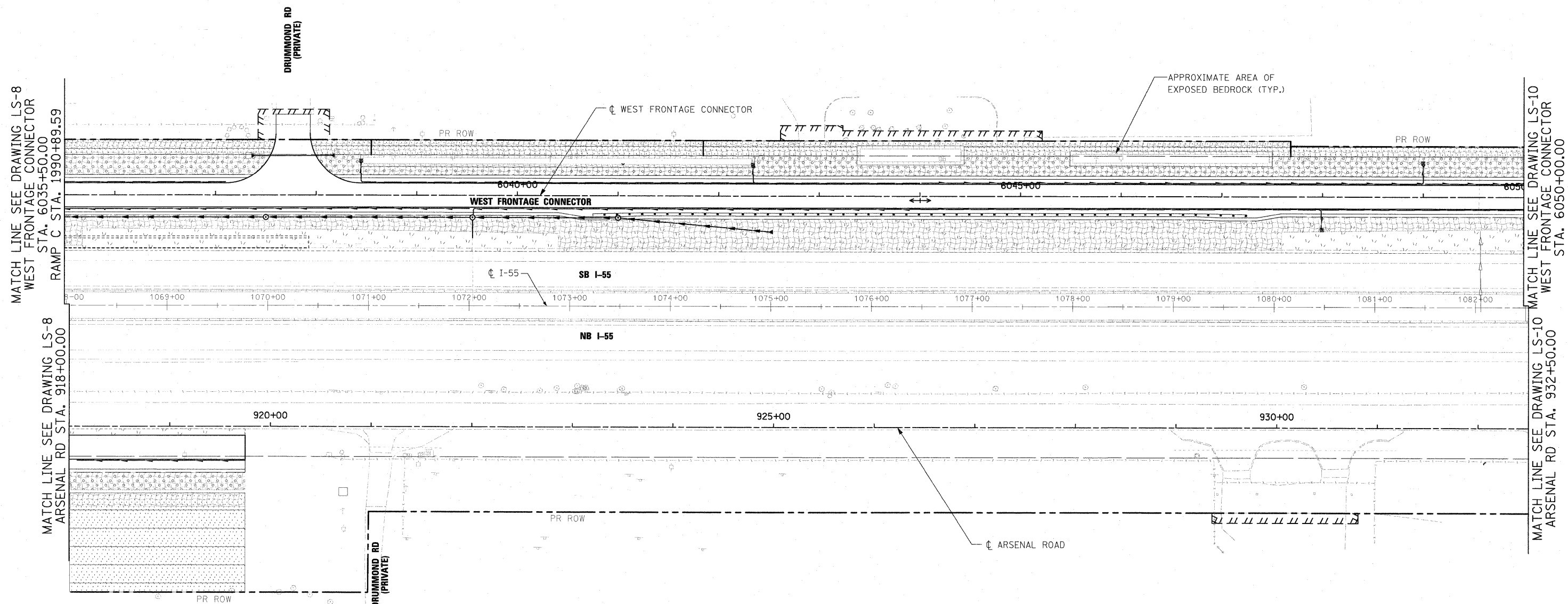
SCALE: 1"=50' SHEET NO. 8 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	272
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

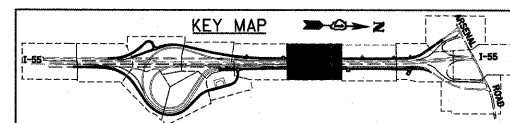


- NOTES:**
1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
 2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
 3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
 4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
 5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



LANDSCAPING LEGEND

- | | | | |
|--|----------------------------------|--|---|
| | SEEDING CLASS 2A
TOPSOIL, 4" | | SEEDING CLASS 4
COMPOST F & P, 2"
TOPSOIL, 4" |
| | SEEDING CLASS 7 | | SEEDING CLASS 4B (MODIFIED)
COMPOST F & P, 2"
TOPSOIL, 4" |
| | EROSION CONTROL BLANKET | | PERENNIAL PLANTS
PRAIRIE TYPE |
| | PERENNIAL PLANTS
PRAIRIE TYPE | | PERENNIAL PLANTS
WETLAND TYPE |



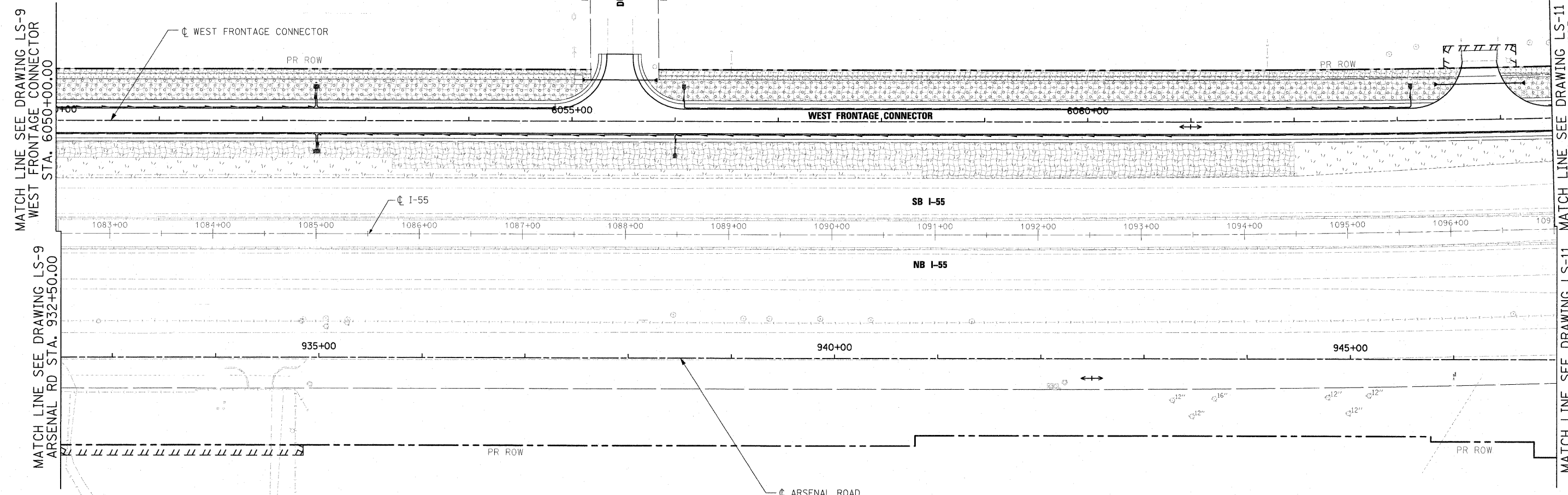
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		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -
PLOT SCALE = 1:50			
PLOT DATE = 1/19/2010			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

SCALE: 1"=50' SHEET NO. 9 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	273
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE SEE DRAWING LS-9
WEST FRONTAGE CONNECTOR
STA. 6050+00.00

MATCH LINE SEE DRAWING LS-9
ARSENAL RD STA. 932+50.00

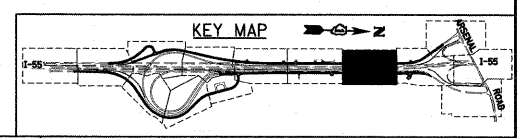
MATCH LINE SEE DRAWING LS-11
WEST FRONTAGE CONNECTOR
STA. 6064+50.00

MATCH LINE SEE DRAWING LS-11
ARSENAL RD STA. 947+00.00

LANDSCAPING LEGEND

	SEEDING CLASS 2A TOPSOIL, 4"		SEEDING CLASS 4 COMPOST F & P, 2" TOPSOIL, 4"
	SEEDING CLASS 7		SEEDING CLASS 4B (MODIFIED) COMPOST F & P, 2" TOPSOIL, 4"
	EROSION CONTROL BLANKET		PERENNIAL PLANTS PRAIRIE TYPE
	PERENNIAL PLANTS WETLAND TYPE		

- NOTES:**
1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
 2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
 3. TOPSOIL AND SEEDING WILL NOT BE REQUIRED WHERE BEDROCK WILL BE EXPOSED IN THE FINAL CONDITION. SEE CROSS SECTIONS FOR DETAILS.
 4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
 5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



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130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\60C31-SHT-LNDSCLP12.dgn	USER NAME = jlatour	DESIGNED - MJT	REVISED -
PLCT SCALE = 1:50	CHECKED - DLT	DRAWN - MJT	REVISED -
PLCT DATE = 1/19/2010	DATE - 12/18/09	CHECKED - DLT	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

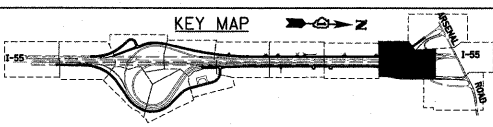
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	274
				CONTRACT NO. 60C31

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

FINAL

MATCH LINE SEE DRAWING LS-10 WEST FRONTAGE CONNECTOR STA. 6064+50.00
 MATCH LINE SEE DRAWING LS-10 WEST FRONTAGE CONNECTOR STA. 6064+50.00
 MATCH LINE SEE DRAWING LS-10 WEST FRONTAGE CONNECTOR STA. 6064+50.00
 MATCH LINE SEE DRAWING LS-10 WEST FRONTAGE CONNECTOR STA. 6064+50.00



FILE NAME = D:\90C31\5HT-LNDS\CP11.dgn
 USER NAME = j1stour

DESIGNED - MJT
 DRAWN - MJT
 CHECKED - DLT
 DATE - 12/18/09

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

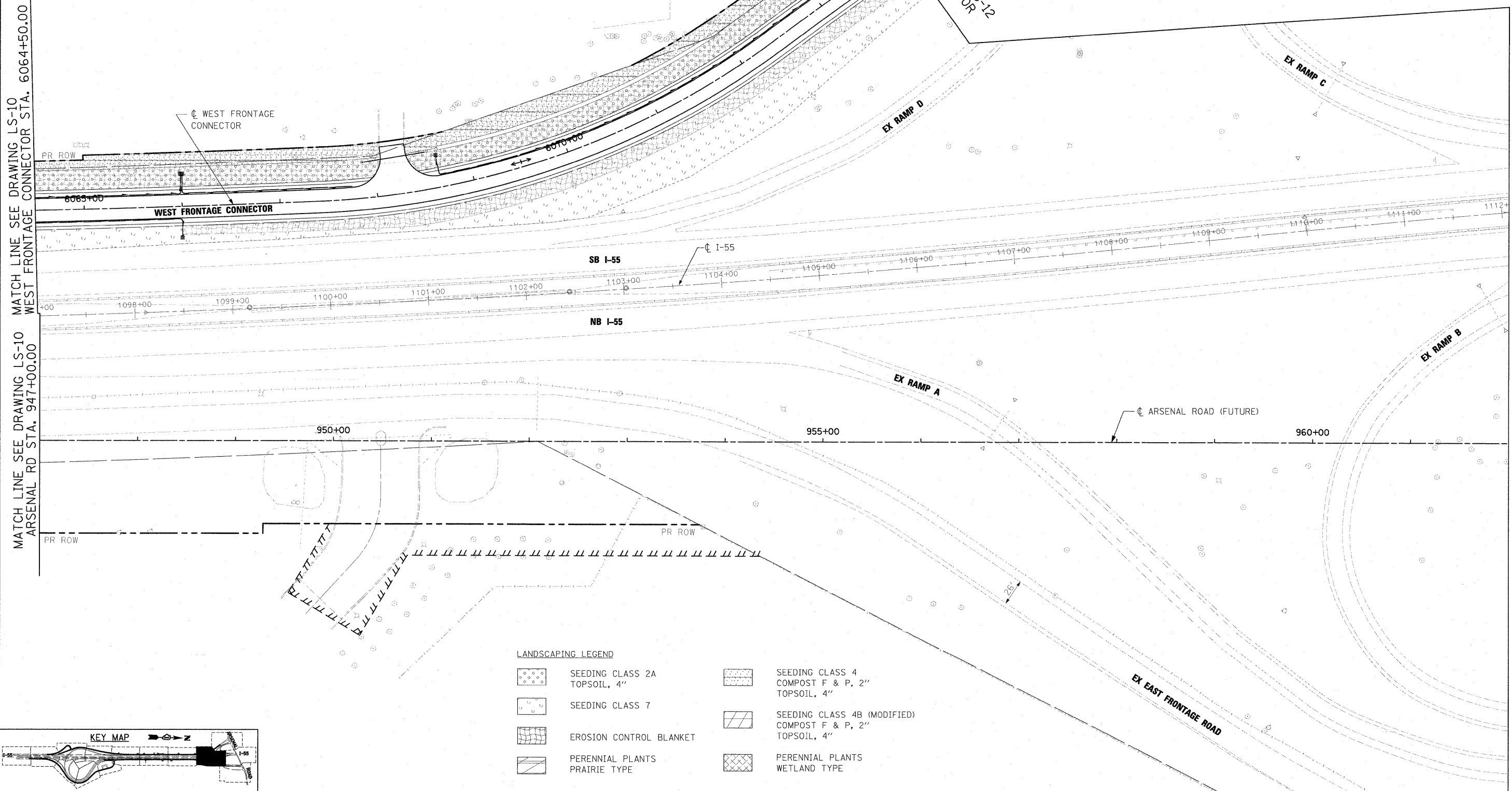
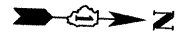
SCALE: 1"=50' SHEET NO. 11 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 275
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	

LANDSCAPING LEGEND

- SEEDING CLASS 2A TOPSOIL, 4"
- SEEDING CLASS 7
- EROSION CONTROL BLANKET
- PERENNIAL PLANTS PRAIRIE TYPE
- SEEDING CLASS 4 COMPOST F & P, 2" TOPSOIL, 4"
- SEEDING CLASS 4B (MODIFIED) COMPOST F & P, 2" TOPSOIL, 4"
- PERENNIAL PLANTS WETLAND TYPE

- NOTES:**
1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
 2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
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 5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



MATCH LINE SEE DRAWING LS-13 ARSENAL RD STA. 962+00.00

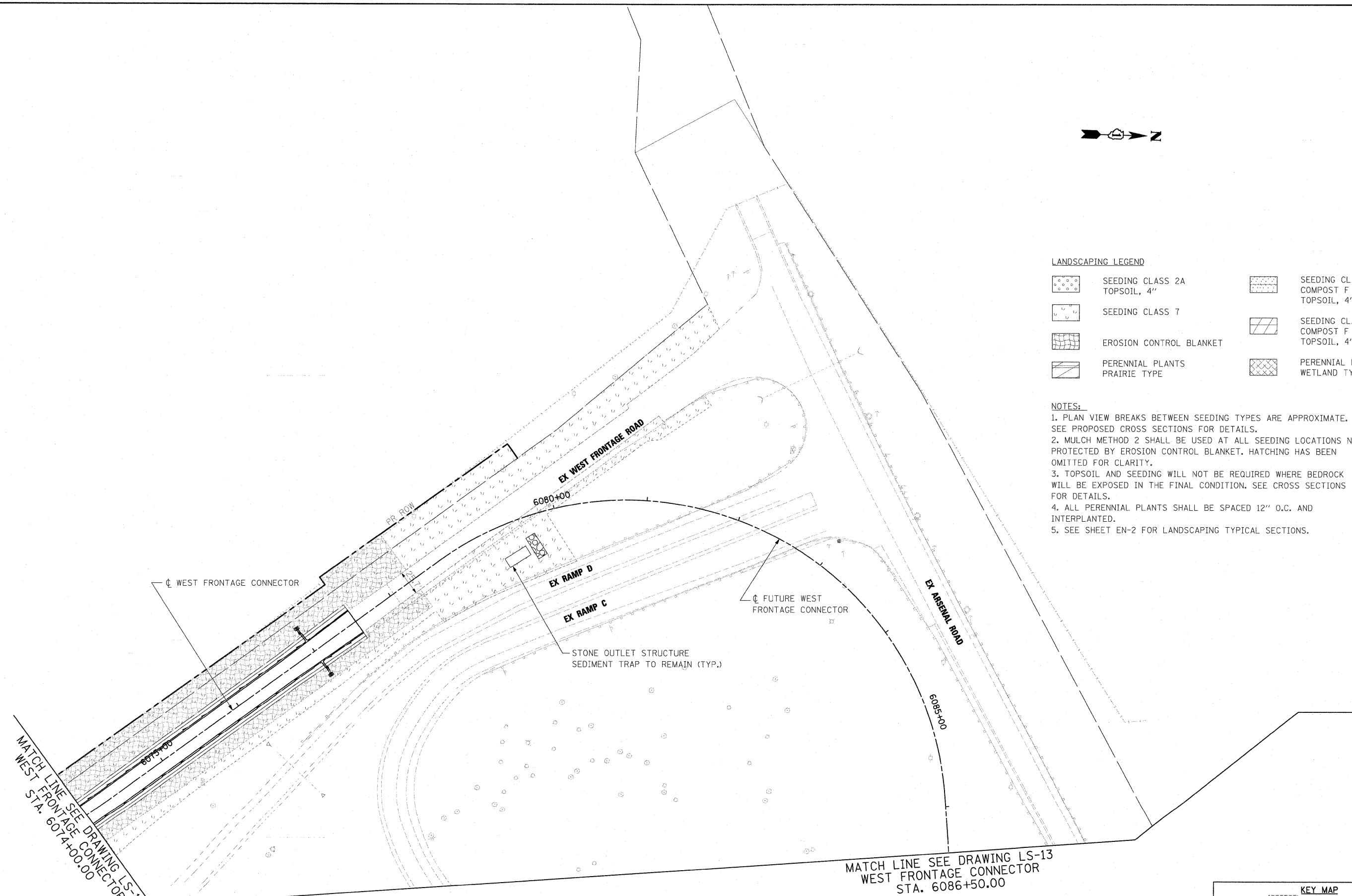


LANDSCAPING LEGEND

	SEEDING CLASS 2A TOPSOIL, 4"		SEEDING CLASS 4 COMPOST F & P, 2" TOPSOIL, 4"
	SEEDING CLASS 7		SEEDING CLASS 4B (MODIFIED) COMPOST F & P, 2" TOPSOIL, 4"
	EROSION CONTROL BLANKET		PERENNIAL PLANTS PRAIRIE TYPE
	PERENNIAL PLANTS WETLAND TYPE		

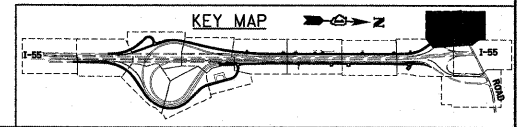
NOTES:

1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
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5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



MATCH LINE SEE DRAWING LS-11
WEST FRONTAGE CONNECTOR
STA. 6074+00.00

MATCH LINE SEE DRAWING LS-13
WEST FRONTAGE CONNECTOR
STA. 6086+50.00



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 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME = D:\58\C31-SHT-LNDSCP12.dgn	USER NAME = jletour	DESIGNED - MJT	REVISED -
PLOT SCALE = 1:50	DRAWN - MJT	REVISOR -	REVISOR -
PLOT DATE = 1/19/2010	CHECKED - DLT	DATE - 12/18/09	REVISOR -

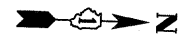
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

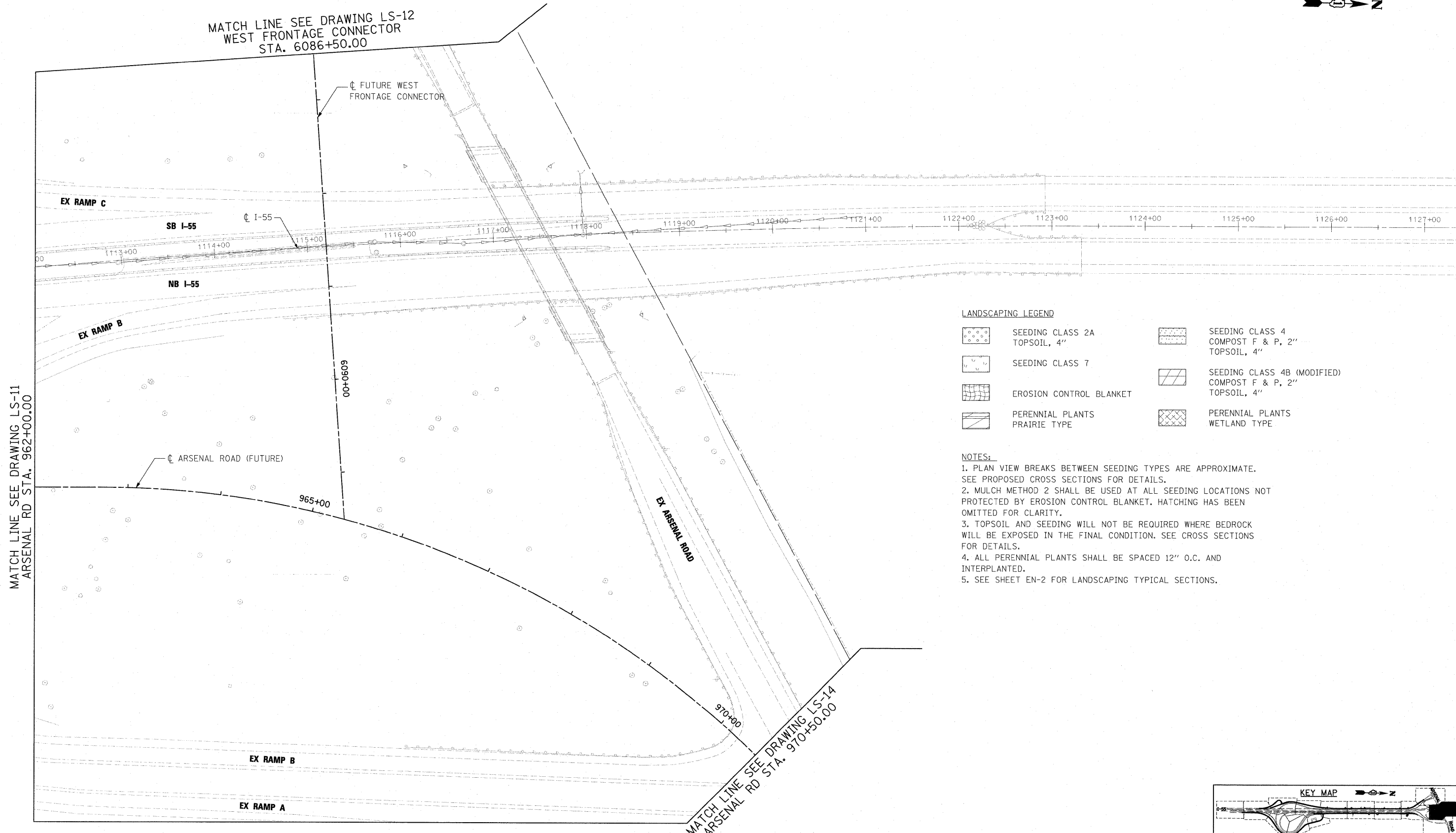
SCALE: 1"=50' SHEET NO. 12 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	276
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



MATCH LINE SEE DRAWING LS-12
WEST FRONTAGE CONNECTOR
STA. 6086+50.00



LANDSCAPING LEGEND

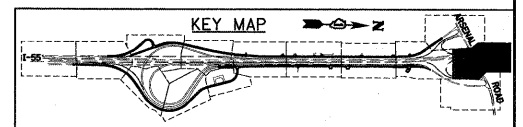
- | | | | |
|--|----------------------------------|--|---|
| | SEEDING CLASS 2A
TOPSOIL, 4" | | SEEDING CLASS 4
COMPOST F & P, 2"
TOPSOIL, 4" |
| | SEEDING CLASS 7 | | SEEDING CLASS 4B (MODIFIED)
COMPOST F & P, 2"
TOPSOIL, 4" |
| | EROSION CONTROL BLANKET | | PERENNIAL PLANTS
PRAIRIE TYPE |
| | PERENNIAL PLANTS
WETLAND TYPE | | |

NOTES:

1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
2. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS NOT PROTECTED BY EROSION CONTROL BLANKET. HATCHING HAS BEEN OMITTED FOR CLARITY.
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4. ALL PERENNIAL PLANTS SHALL BE SPACED 12" O.C. AND INTERPLANTED.
5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.

MATCH LINE SEE DRAWING LS-11
ARSENAL RD STA. 962+00.00

MATCH LINE SEE DRAWING LS-14
ARSENAL RD STA. 970+50.00



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130 East Randolph Street Chicago, Illinois 60601

FILE NAME = D160C31-SHT-LNDSCLP13.dgn	USER NAME = jlatour	DESIGNED - MJT	REVISED -
PLOT SCALE = 1:50	CHECKED - DLT	DRAWN - MJT	REVISED -
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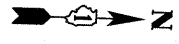
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLAN

SCALE: 1"=50' SHEET NO. 13 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	277
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



MATCH LINE SEE DRAWING LS-13
ARSENAL RD STA. 9070+50.00

EX RAMP A

CL ARSENAL ROAD (FUTURE)

EX EAST FRONTAGE ROAD

EX ARSENAL ROAD
915+00.00

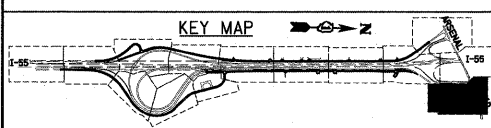
LANDSCAPING LEGEND

- | | | | |
|--|----------------------------------|--|---|
| | SEEDING CLASS 2A
TOPSOIL, 4" | | SEEDING CLASS 4
COMPOST F & P, 2"
TOPSOIL, 4" |
| | SEEDING CLASS 7 | | SEEDING CLASS 4B (MODIFIED)
COMPOST F & P, 2"
TOPSOIL, 4" |
| | EROSION CONTROL BLANKET | | PERENNIAL PLANTS
PRAIRIE TYPE |
| | PERENNIAL PLANTS
WETLAND TYPE | | |

NOTES:

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5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.

KEY MAP



McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = 0160C31-SHT-LNDSCLP14.dgn	USER NAME = jlatour	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
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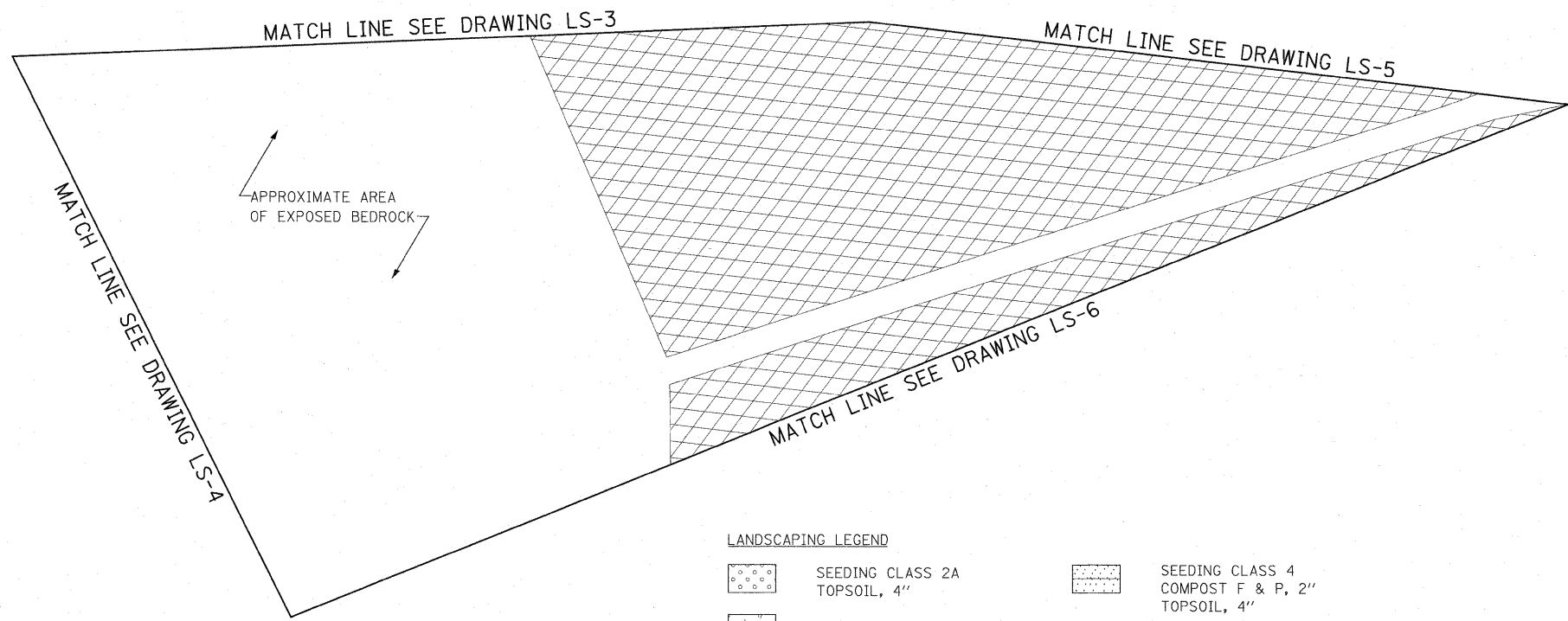
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN

SCALE: 1"=50' SHEET NO. 14 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 278
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL

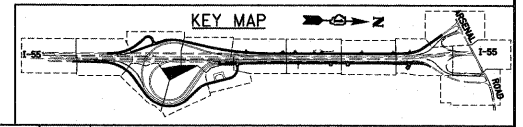


LANDSCAPING LEGEND

	SEEDING CLASS 2A TOPSOIL, 4"		SEEDING CLASS 4 COMPOST F & P, 2" TOPSOIL, 4"
	SEEDING CLASS 7		SEEDING CLASS 4B (MODIFIED) COMPOST F & P, 2" TOPSOIL, 4"
	EROSION CONTROL BLANKET		PERENNIAL PLANTS PRAIRIE TYPE
	PERENNIAL PLANTS WETLAND TYPE		

NOTES:

1. PLAN VIEW BREAKS BETWEEN SEEDING TYPES ARE APPROXIMATE. SEE PROPOSED CROSS SECTIONS FOR DETAILS.
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5. SEE SHEET EN-2 FOR LANDSCAPING TYPICAL SECTIONS.



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 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

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		DRAWN - MJT	REVISED -
		CHECKED - DLT	REVISED -
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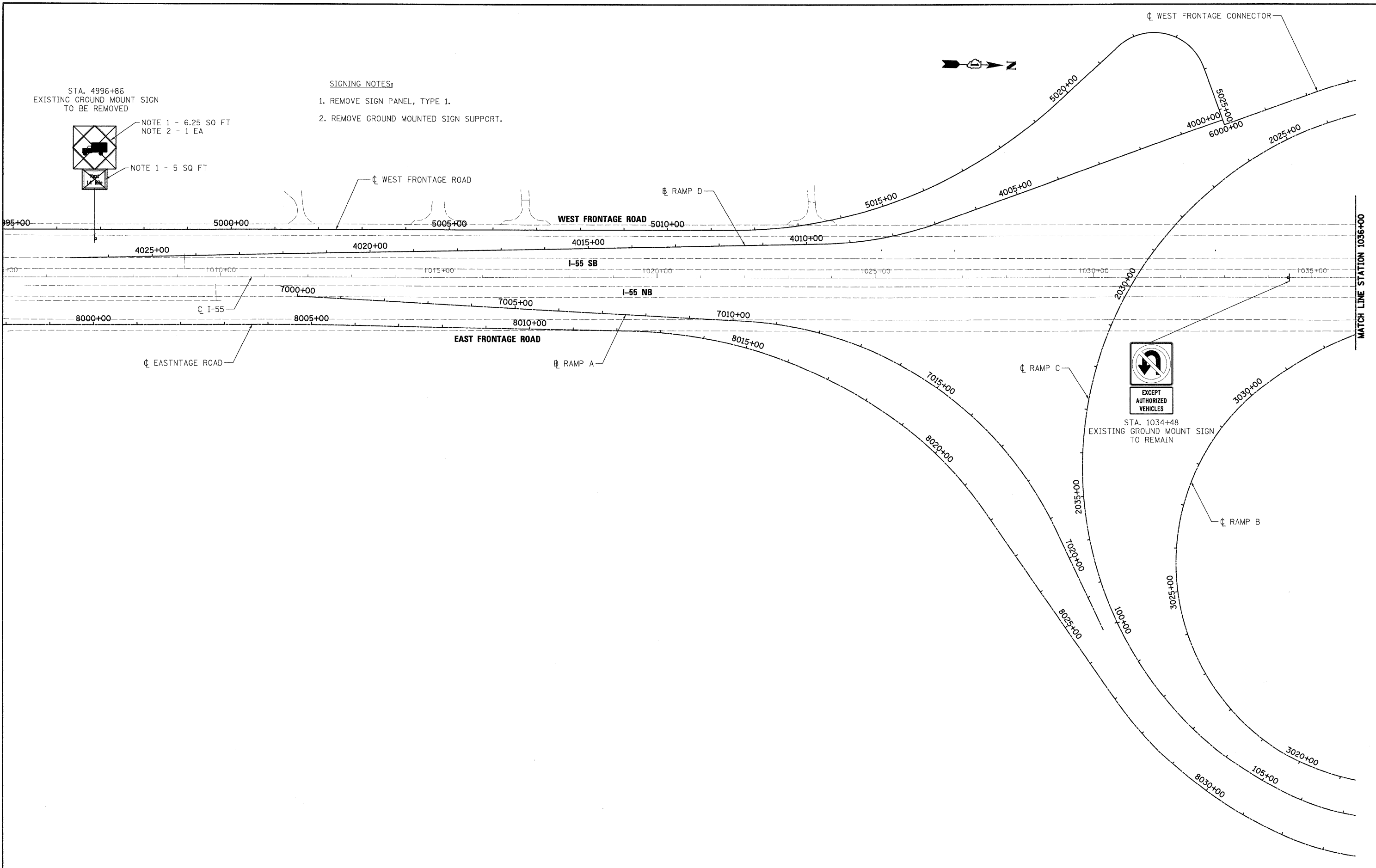
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN

SCALE: 1"=50' SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-18(2))AC-3	WILL	524	279
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL



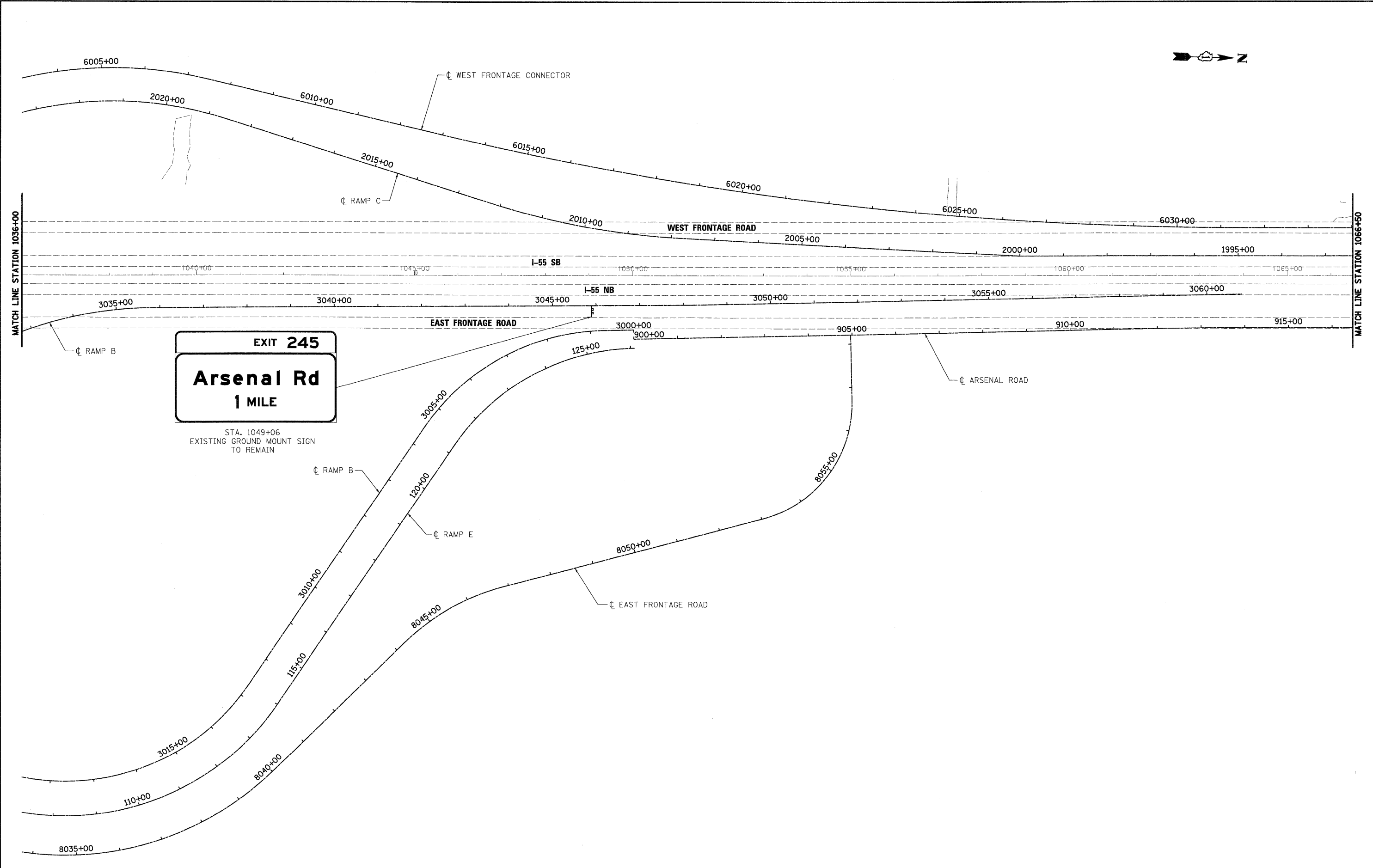
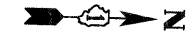
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING SIGNING PLAN	
SCALE: 1"=100'	SHEET NO. 1 OF 8 SHEETS
STA.	TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 280
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME =	USER NAME = TKluegel
0160C31-SHT-SIGN02.dgn	
PLOT SCALE = 1:100	
PLOT DATE = 12/11/2009	

DESIGNED -	---	REVISED -	---
DRAWN -	---	REVISED -	---
CHECKED -	---	REVISED -	---
DATE -	12/18/09	REVISED -	---

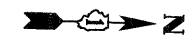
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGNING PLAN	
SCALE: 1"=100'	SHEET NO. 2 OF 8 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	281
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	

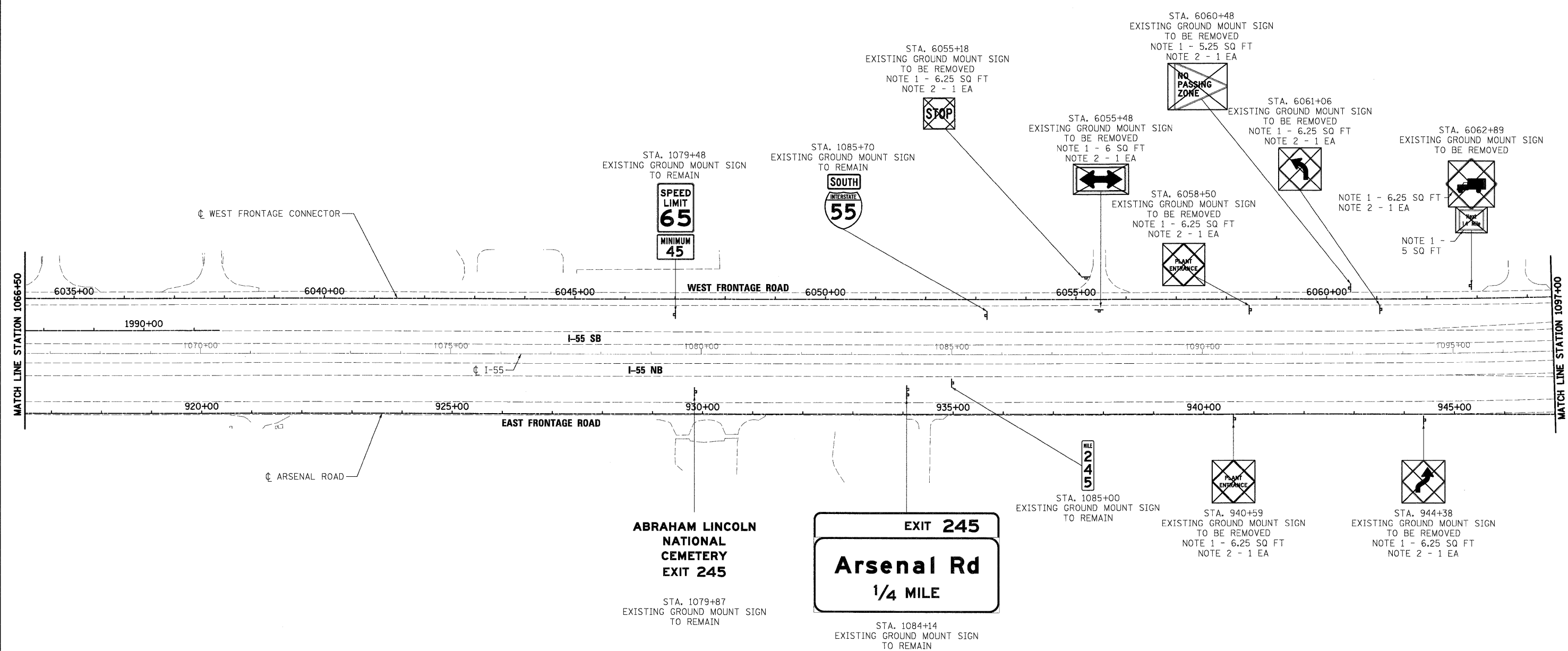
CONTRACT NO. 60C31	
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FINAL



SIGNING NOTES:

1. REMOVE SIGN PANEL, TYPE 1.
2. REMOVE GROUND MOUNTED SIGN SUPPORT.



McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D182C31-SHT-SIGN03.dgn	USER NAME = TKluegel	DESIGNED - ---	REVISED - ---
		DRAWN - ---	REVISED - ---
	PLOT SCALE = 1:100	CHECKED - ---	REVISED - ---
	PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGNING PLAN

SCALE: 1"=100' SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	282
CONTRACT NO. 60C31				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

FINAL

SIGNING NOTES:
 1. REMOVE SIGN PANEL, TYPE 1.
 2. REMOVE GROUND MOUNTED SIGN SUPPORT.

STA. 6073+79
 EXISTING GROUND MOUNT SIGN
 TO BE REMOVED
 NOTE 1 - 6.25 SQ FT
 NOTE 2 - 1 EA

STA. 6067+65
 EXISTING GROUND MOUNT SIGN
 TO BE REMOVED
 NOTE 1 - 5 SQ FT
 NOTE 2 - 1 EA

STA. 6076+87
 EXISTING GROUND MOUNT SIGN
 TO REMAIN

STA. 6076+88
 EXISTING GROUND MOUNT SIGN
 TO BE REMOVED
 NOTE 1 - 6.25 SQ FT

STA. 6076+87
 EXISTING GROUND MOUNT SIGN
 TO REMAIN

EXIT 245
Arsenal Rd
 1 MILE
 (APPROX. 1 MILE NORTH OF GORE)

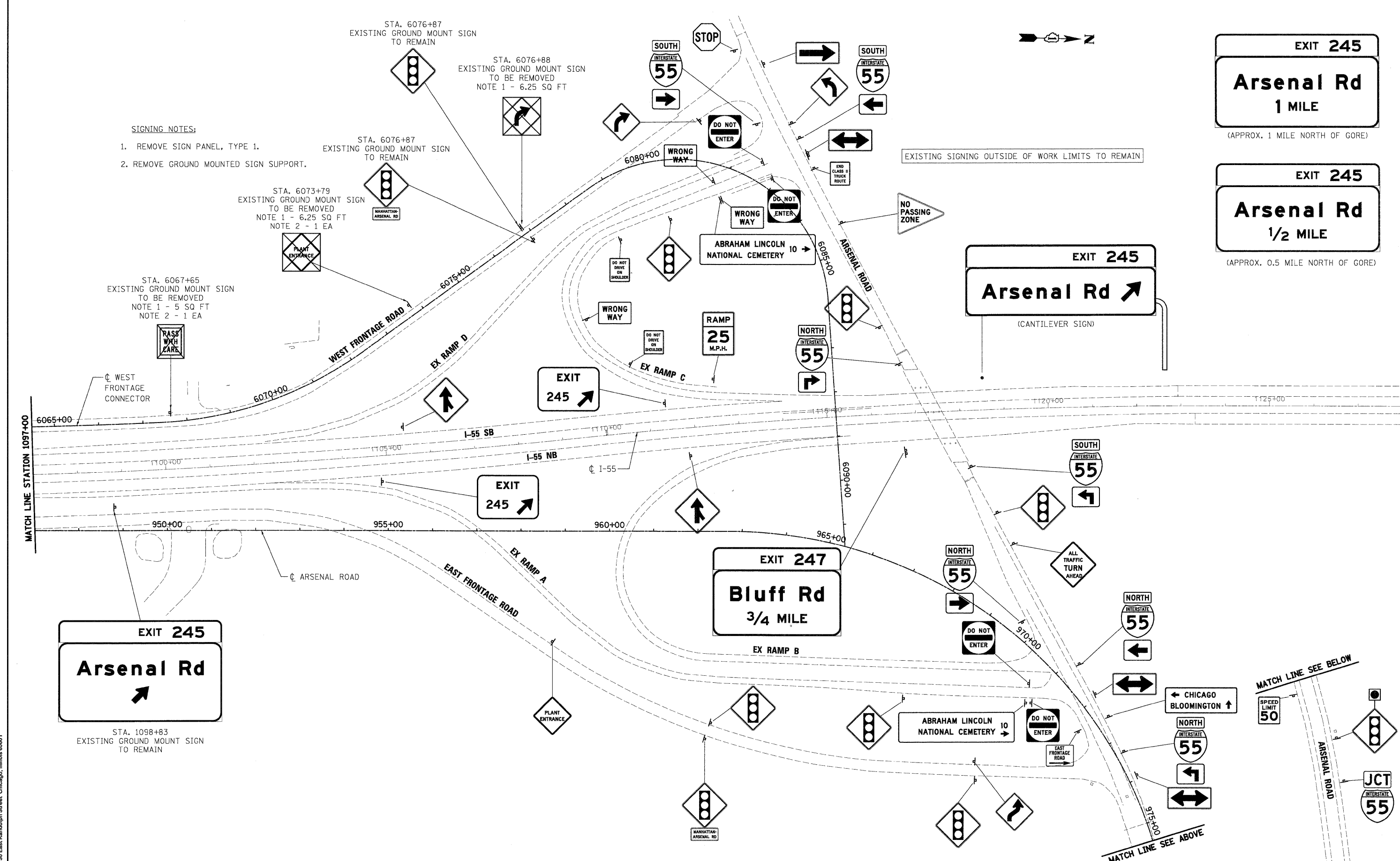
EXIT 245
Arsenal Rd
 1/2 MILE
 (APPROX. 0.5 MILE NORTH OF GORE)

EXIT 245
Arsenal Rd ↗
 (CANTILEVER SIGN)

EXIT 247
Bluff Rd
 3/4 MILE

EXIT 245
Arsenal Rd ↗

STA. 1098+83
 EXISTING GROUND MOUNT SIGN
 TO REMAIN



McDonough Associates Inc.
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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME =	USER NAME = TKluegel	DESIGNED -	REVISD -
D160C31-SHT-SIGN04.dgn		DRAWN -	REVISD -
		CHECKED -	REVISD -
		DATE - 12/18/09	REVISD -

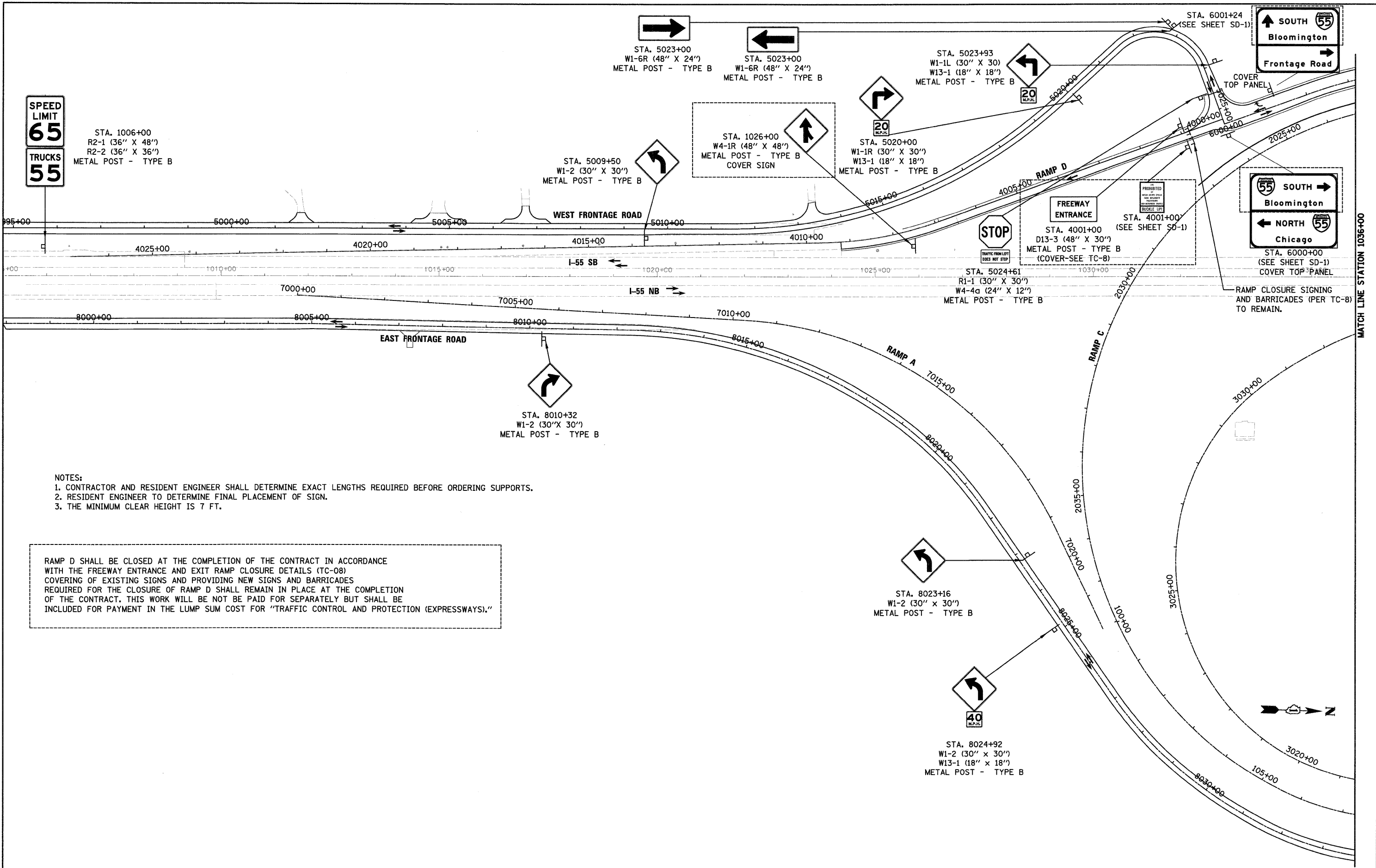
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING SIGNING PLAN

SCALE: 1"=100' SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-182)AC-3	WILL	524	283
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



- NOTES:
1. CONTRACTOR AND RESIDENT ENGINEER SHALL DETERMINE EXACT LENGTHS REQUIRED BEFORE ORDERING SUPPORTS.
 2. RESIDENT ENGINEER TO DETERMINE FINAL PLACEMENT OF SIGN.
 3. THE MINIMUM CLEAR HEIGHT IS 7 FT.

RAMP D SHALL BE CLOSED AT THE COMPLETION OF THE CONTRACT IN ACCORDANCE WITH THE FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08) COVERING OF EXISTING SIGNS AND PROVIDING NEW SIGNS AND BARRICADES REQUIRED FOR THE CLOSURE OF RAMP D SHALL REMAIN IN PLACE AT THE COMPLETION OF THE CONTRACT. THIS WORK WILL BE NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED FOR PAYMENT IN THE LUMP SUM COST FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."

McDonough Associates Inc.
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 130 East Randolph Street, Chicago, Illinois 60601

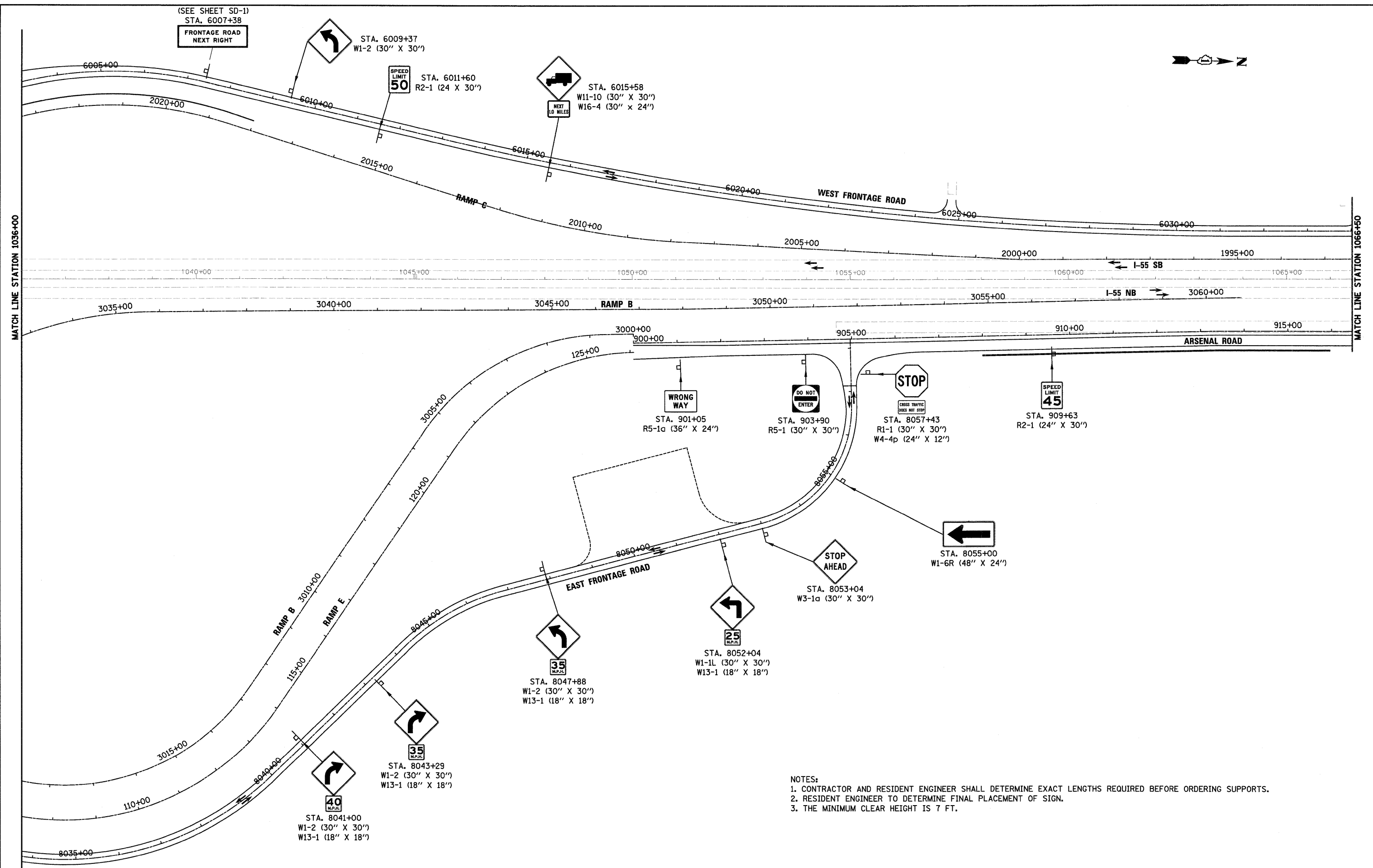
FILE NAME = D168C31-SHT-SIGN05.dgn	USER NAME = TKluegel	DESIGNED - ---	REVISED - ---
PLOT SCALE = 1:100	CHECKED - ---	DRAWN - ---	REVISED - ---
PLOT DATE = 12/11/2009	DATE = 12/18/09	REVISOR - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGNING PLAN

SCALE: 1"=100' SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 284
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



NOTES:
 1. CONTRACTOR AND RESIDENT ENGINEER SHALL DETERMINE EXACT LENGTHS REQUIRED BEFORE ORDERING SUPPORTS.
 2. RESIDENT ENGINEER TO DETERMINE FINAL PLACEMENT OF SIGN.
 3. THE MINIMUM CLEAR HEIGHT IS 7 FT.

FILE NAME = D162C31-SHT-SIGN06.dgn	USER NAME = TKLuegel	DESIGNED - DRAWN - CHECKED - DATE - 12/18/09	REVISED - REVISED - REVISED - REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

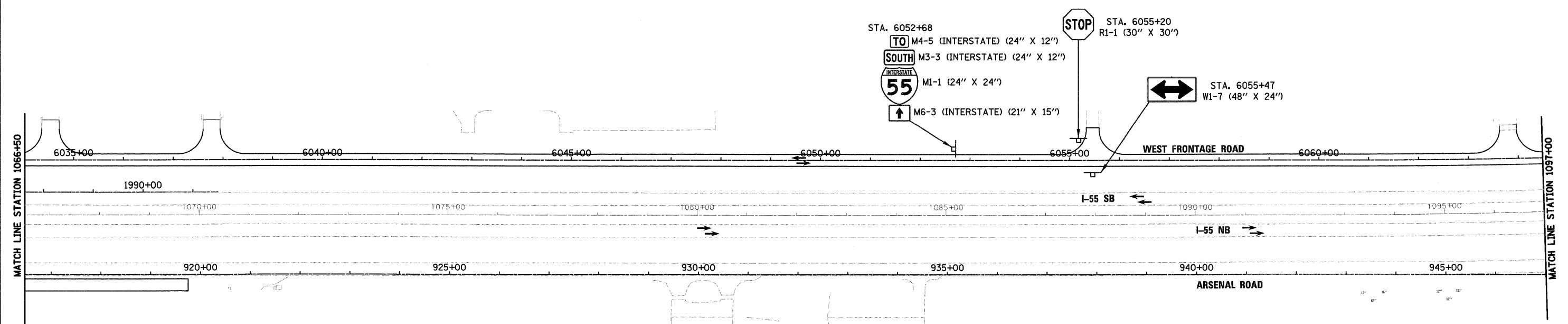
PROPOSED SIGNING PLAN

SCALE: 1"=100' SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	199-1&2AC-3	WILL	524	285
CONTRACT NO. 60C31			ILLINOIS FED. AID PROJECT	



- NOTES:
 1. CONTRACTOR AND RESIDENT ENGINEER SHALL DETERMINE EXACT LENGTHS REQUIRED BEFORE ORDERING SUPPORTS.
 2. RESIDENT ENGINEER TO DETERMINE FINAL PLACEMENT OF SIGN.
 3. THE MINIMUM CLEAR HEIGHT IS 7 FT.



McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D160C31-SHT-SIGN07.dgn	USER NAME = TKLuegel	DESIGNED - DRAWN - CHECKED - DATE - 12/18/09	REVISED - REVISED - REVISED - REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGNING PLAN

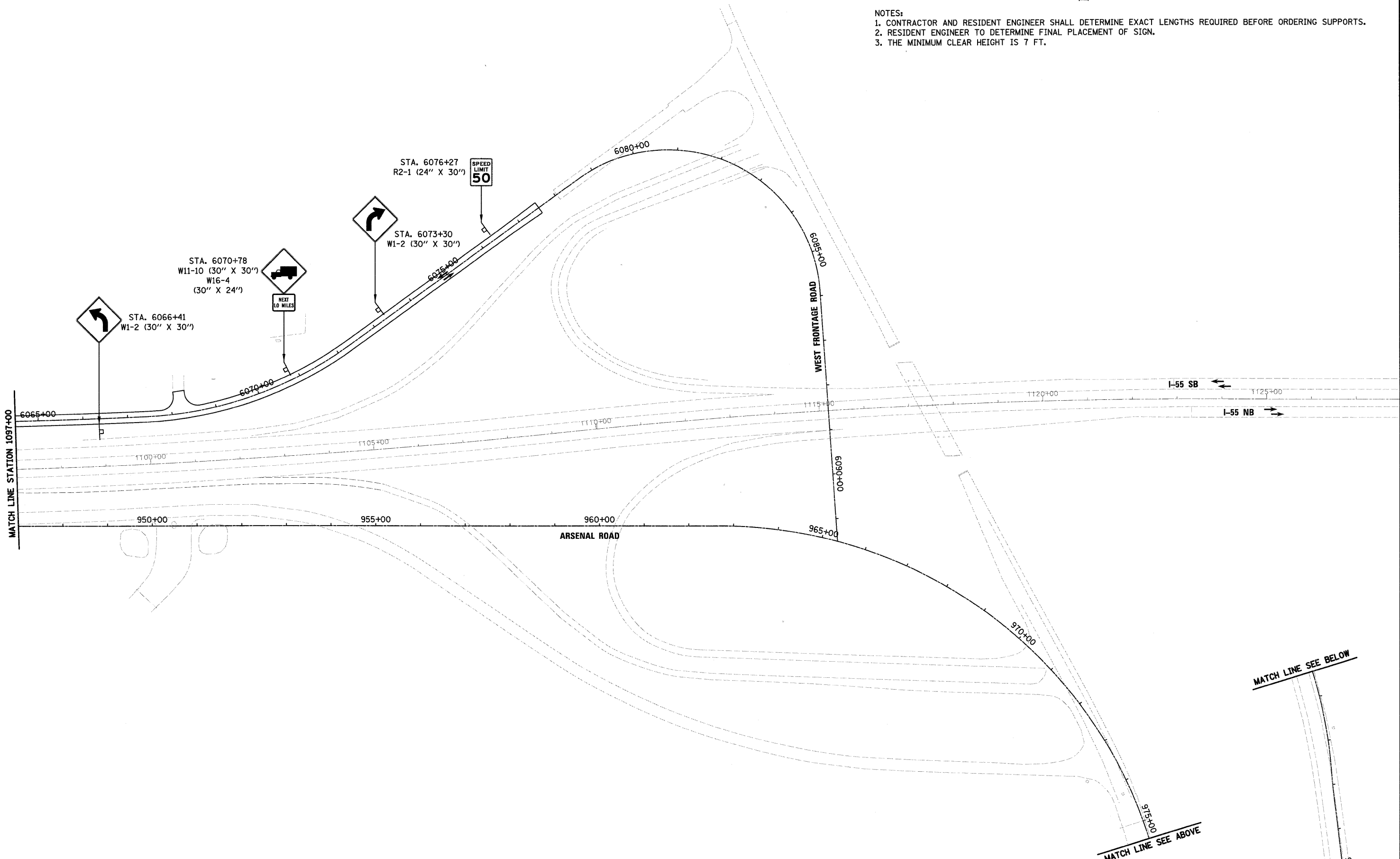
SCALE: 1"=100' SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	286
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL



- NOTES:
1. CONTRACTOR AND RESIDENT ENGINEER SHALL DETERMINE EXACT LENGTHS REQUIRED BEFORE ORDERING SUPPORTS.
 2. RESIDENT ENGINEER TO DETERMINE FINAL PLACEMENT OF SIGN.
 3. THE MINIMUM CLEAR HEIGHT IS 7 FT.



McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D162C31-SHT-SIGN28.dgn	USER NAME = Tkluegel	DESIGNED - ---	REVISED - ---
PLOT SCALE = 1:100	CHECKED - ---	REVISED - ---	REVISED - ---
PLOT DATE = 12/11/2009	DATE = 12/18/09	REVISED - ---	REVISED - ---

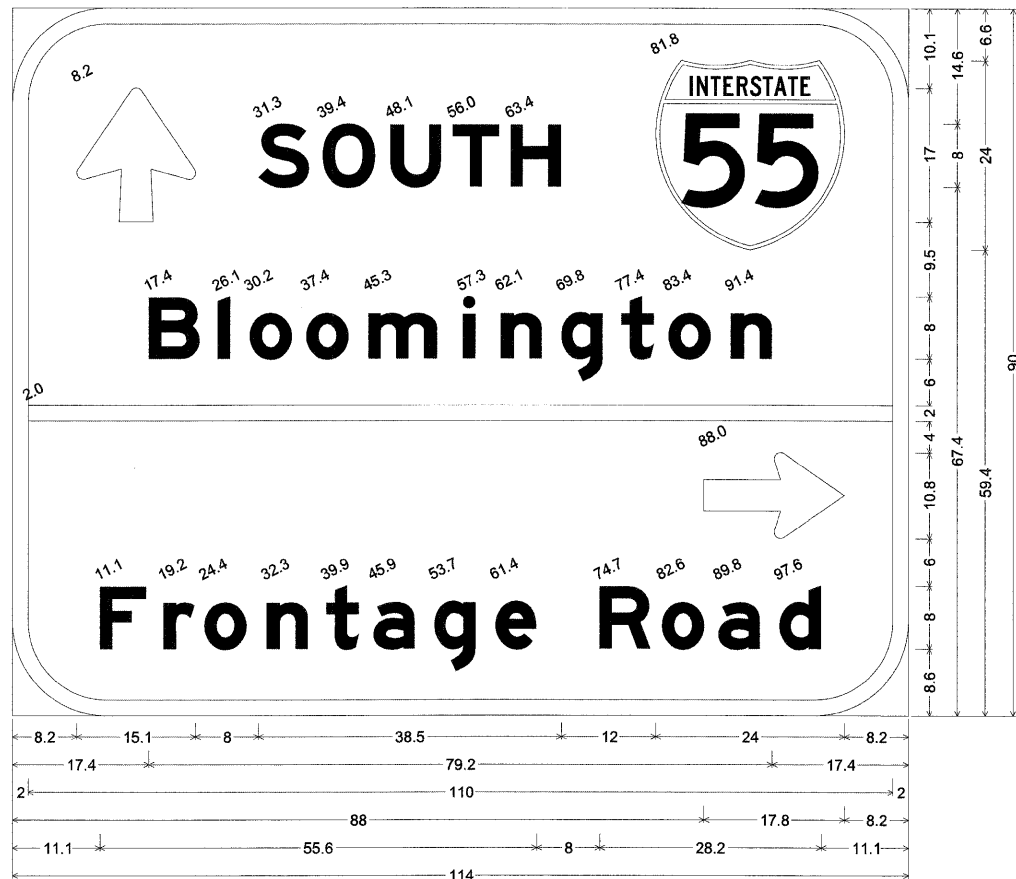
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGNING PLAN

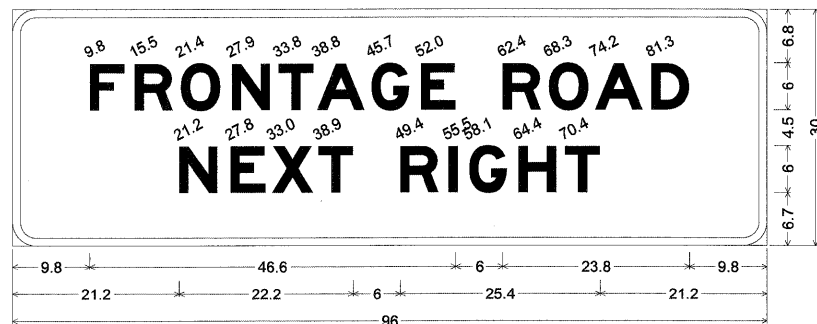
SCALE: 1"=100' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 287
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

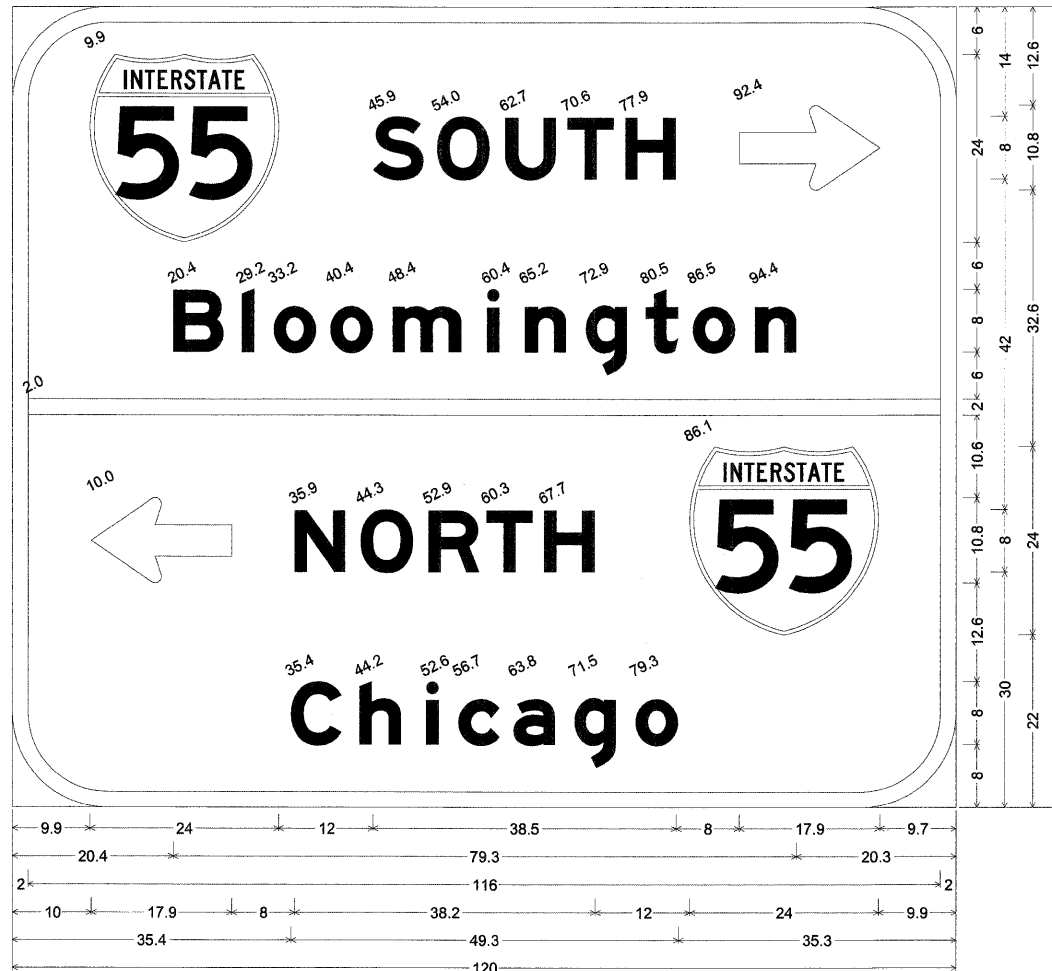
FINAL



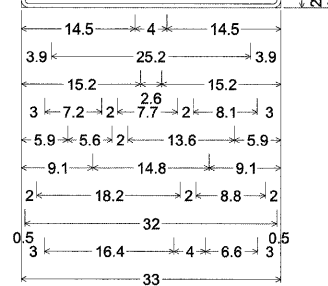
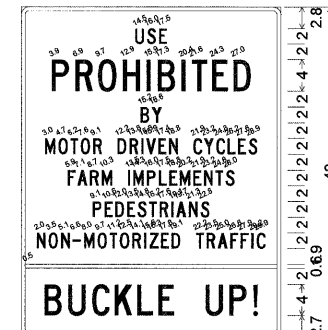
south 55 frontage road; 12.0" Radius, 2.0" Border, White on Green;
 Arrow 80 - 17.0° 90°; [SOUTH] E Mod 2K; [Bloomington] E Mod 2K; Standard Arrow Custom 17.9" X 10.9" 0°;
 [Frontage Road] E Mod 2K;



frontage road next right; 3.0" Radius, 1.0" Border, White on Green;
 [FRONTAGE ROAD] E Mod 2K; [NEXT RIGHT] E Mod 2K;



south 55 north 55; 12.0" Radius, 2.0" Border, White on Green;
 [SOUTH] E Mod 2K; Standard Arrow Custom 17.9" X 10.9" 0°; [Bloomington] E Mod 2K;
 Standard Arrow Custom 17.9" X 10.9" 180°; [NORTH] E Mod 2K; [Chicago] E Mod 2K;



use prohibited;
 1.0" Radius, 0.5" Border, Black on White;
 [USE] C; [PROHIBITED] C;
 [BY] C;
 [MOTOR DRIVEN CYCLES] C;
 [FARM IMPLEMENTS] C;
 [PEDESTRIANS] C;
 [NON-MOTORIZED TRAFFIC] C;
 [BUCKLE UP!] C;

NOTE:
 THE FINAL MOUNTING LOCATION OF SIGNS (OFFSET FROM EDGE OF PAVEMENT AND HEIGHT ABOVE PAVEMENT) SHALL BE DETERMINED BY THE ENGINEER. THE SIGNING QUANTITIES ARE ESTIMATES ONLY AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR ONCE THE FINAL SIGN LOCATIONS HAVE BEEN DETERMINED.

FILE NAME =
 D162C31-SHT-SIGNDETAIL01.dgn

USER NAME = TK\uegel
 PLOT SCALE = 1:1
 PLOT DATE = 12/11/2009

DESIGNED - MJT
 DRAWN - MJT
 CHECKED - DLT
 DATE - 12/18/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

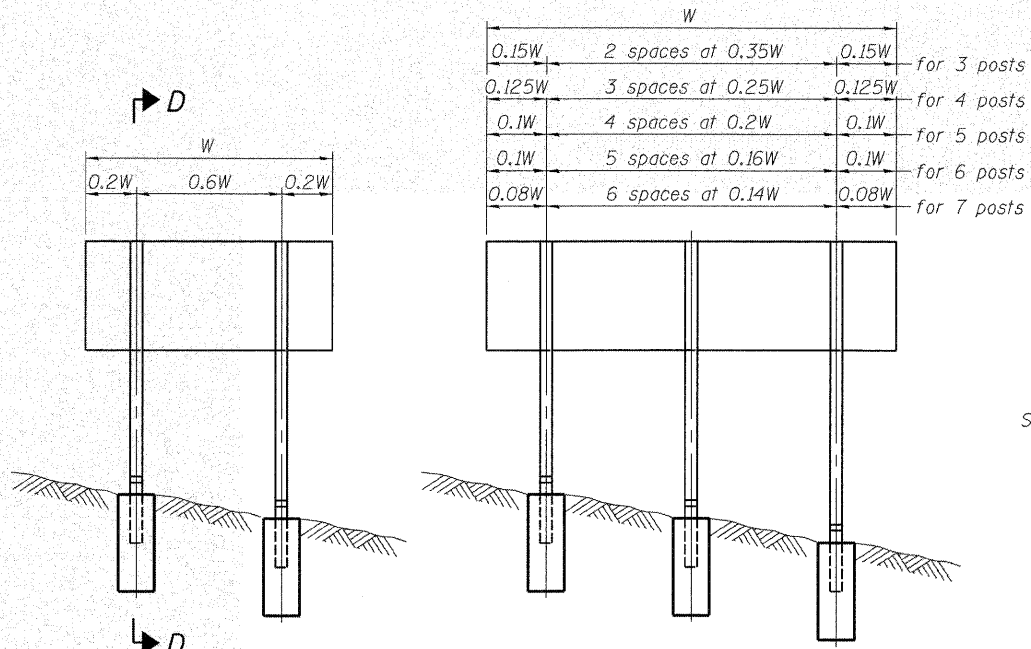
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

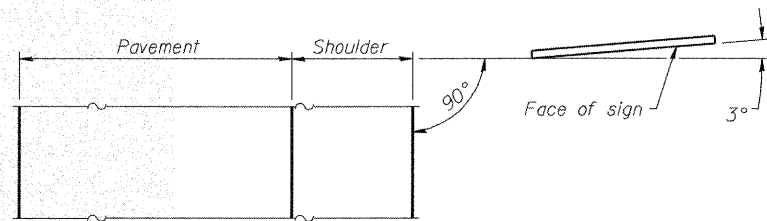
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	288
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

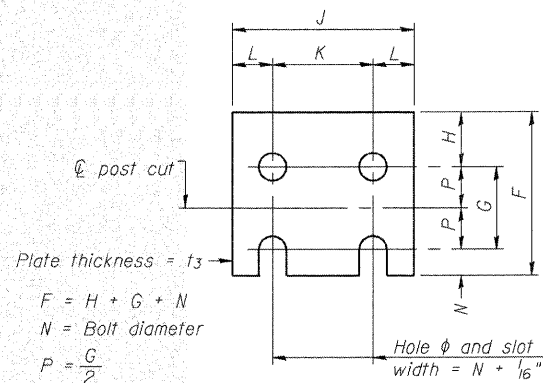
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

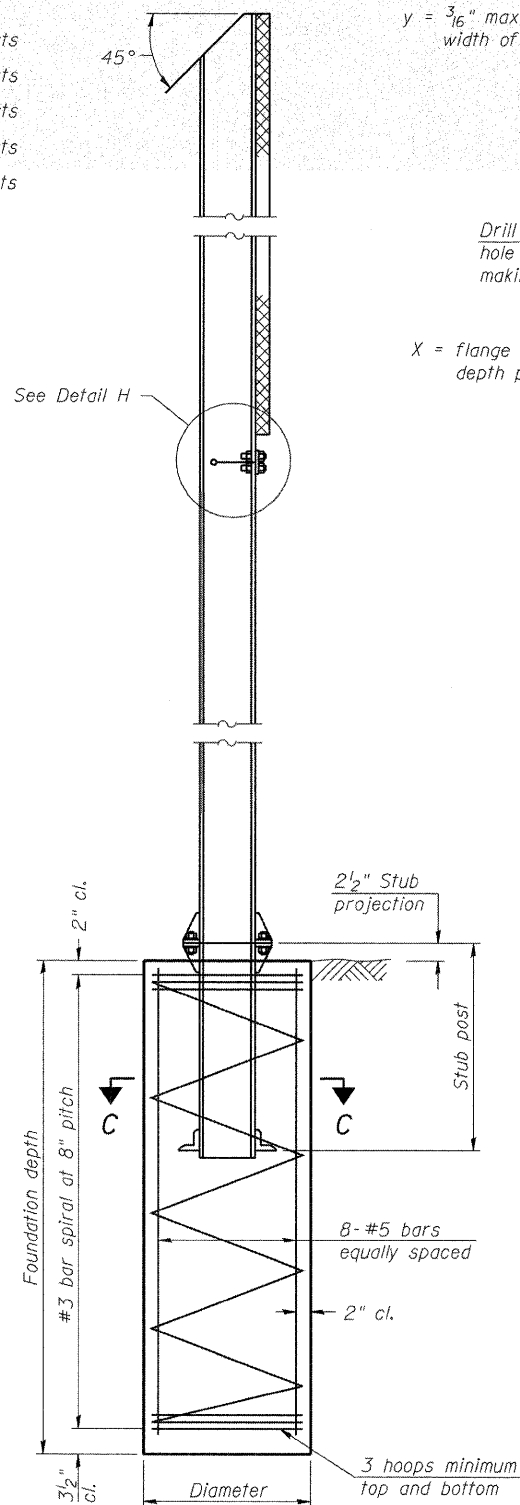


LOCATION SKETCH

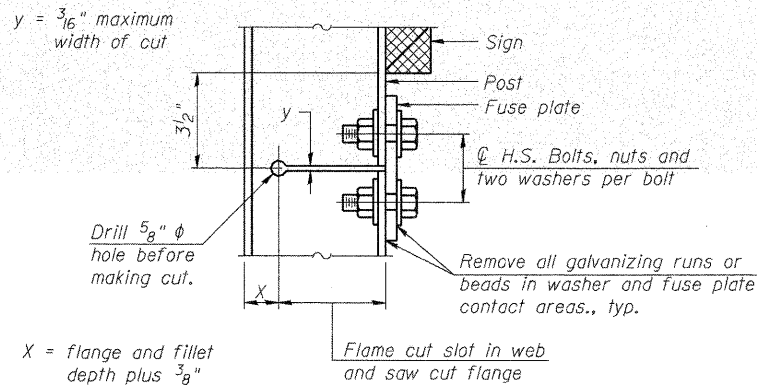


FUSE PLATE DETAIL
(Install with notches down.)

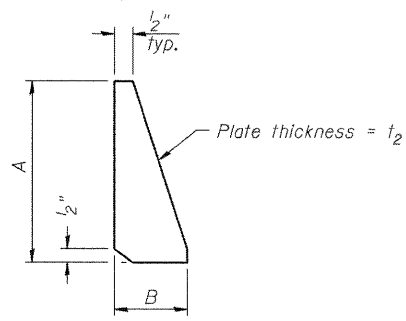
FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



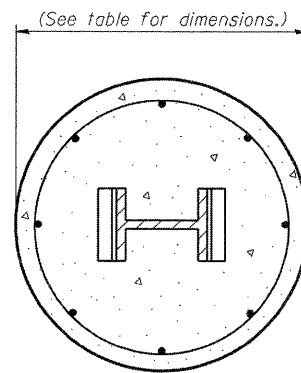
SECTION D-D



DETAIL H



STIFFENER PLATE DETAIL



SECTION C-C

GENERAL NOTES

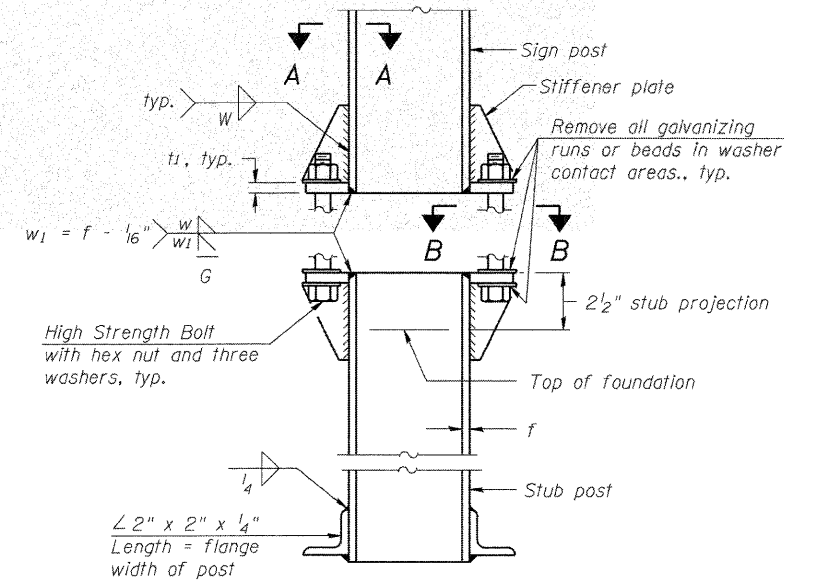
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

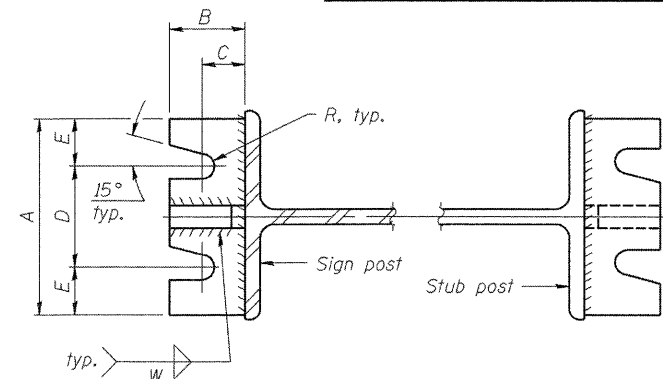
DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M11. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

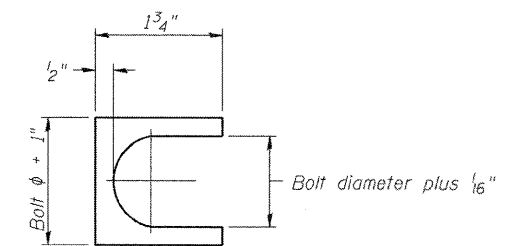


ELEVATION
SIGN POST & STUB POST



SECTION A-A

SECTION B-B



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS

NUMBER	REVISION	DATE

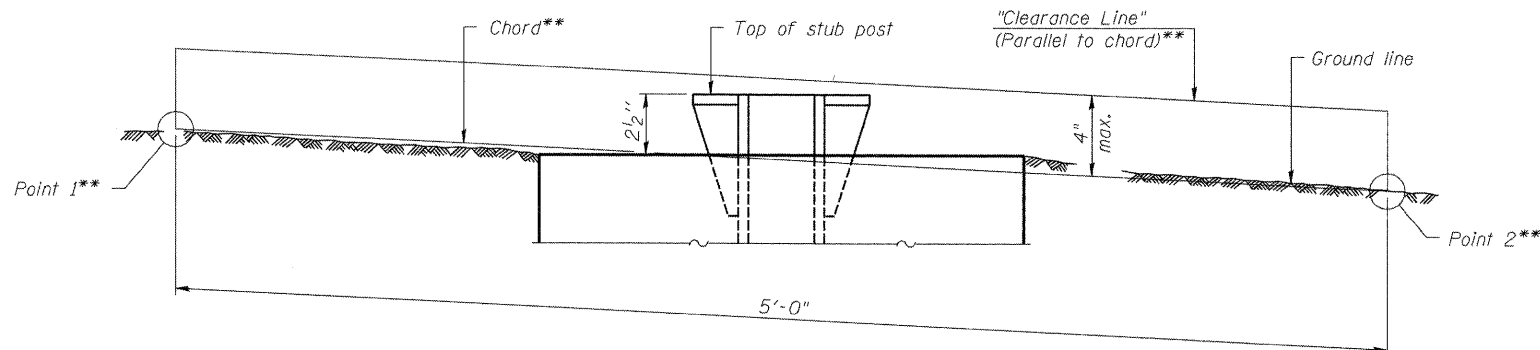
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	289
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA								FUSE PLATE DATA						
	Foundation			Reinforcement				Stub Post Length	Bolt Size	A	B	C	D	E	t ₁	t ₂	R	W	J	K	L	t ₃
	Diameter	* Minimum Depth	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Length	lbs. (2)															
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/32"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/32"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/32"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/32"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 7/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 7/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																					
	Sign Height																					
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---	---	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	---	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	---	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---	---	
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	---	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- ① Quantity includes all concrete necessary for one foundation.
- ② Includes reinforcement bars and spiral hooping for one foundation.

NUMBER	REVISION	DATE

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	290
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

FINAL

ROADWAY ELECTRICAL SYMBOL	
SYMBOL	DESCRIPTION
	EXISTING LIGHTING UNIT
	EXISTING LIGHTING UNIT, TWIN ARMS
	EXISTING LIGHTING UNIT TO BE REMOVED
	TEMPORARY LIGHTING UNIT
	EXISTING TEMPORARY LIGHTING UNIT TO BE REMOVED
	EXISTING TEMPORARY LIGHTING UNIT TO REMAIN
	EXPOSED CONDUIT
	UNIT DUCT
	EXISTING UNDERGROUND WIRING TO REMAIN
	EXISTING CONDUIT EXPOSED
	EXISTING UNIT DUCT TO BE ABANDONED
	AERIAL ELECTRIC CABLE
	EXISTING AERIAL ELECTRIC CABLE
	CONCEALED CONDUIT IN STRUCTURE
	CONCEALED CONDUIT UNDERGROUND, TRENCHED OR PUSHED
	RACEWAY OR DIRECT BURIAL CABLE UNDERGROUND, WITHOUT ENCASMENT
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
	EXISTING LIGHTING CONTROLLER, DUPLEX
	EXISTING UTILITY SERVICE CONNECTION, POLE MOUNTED
	EXISTING UTILITY SERVICE CONNECTION, PAD MOUNTED
	PROPOSED LIGHTING CONTROLLER
	PROPOSED UTILITY SERVICE CONNECTION, POLE MOUNTED
	PROPOSED UTILITY SERVICE CONNECTION, PAD MOUNTED
	TEMPORARY WOOD POLE
	ELECTRIC UTILITY POLE
	ELECTRIC GROUND ROD

CALL-OUT SAMPLES	
DEFINITION	EXAMPLE
<p>CONDUIT QUANTITY, SIZE, TYPE, LENGTH INSTALLATION TYPE PUSHED, TRENCHED</p>	<p>4" DIA, RGC, 40' TRENCHED</p>
<p>CKT: CONDUCTORS RACEWAY</p>	<p>A&B: 3*4 & 1*6 GND 1/4" DIA. UD</p>
<p>CONTROLLER DESIGNATION LOCATION & DESCRIPTION</p>	<p>LIGHTING CONTROLLER DA STA. 1652+29, 86 LT 240/480V, 1Ø, 3 WIRE</p>
<p>WOOD POLE DESIGNATION LOCATION</p>	<p>WP60 STA. 1721+30, 65 RT</p>
<p>WP60 - 60FT POLE HEIGHT</p>	<p>CA1 STA. 600+29, 64 LT</p>
<p>CKT. NO. LOCATION</p>	<p>CA1 STA. 600+29, 64 LT</p>

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST OR MAST ARM)
ER	EXISTING RELOCATED UNIT
ET	EXISTING TEMPORARY UNIT TO REMAIN
ETR	EXISTING TEMPORARY RELOCATED UNIT
FT	FEET OR FOOT
FND BW	FOUNDATION BARRIER WALL
FND BW OS	FOUNDATION BARRIER WALL OFFSET
FND CON	FOUNDATION CONCRETE
FND CON OS	FOUNDATION CONCRETE OFFSET
FND MET	FOUNDATION METAL
FND PW	FOUNDATION PARAPET WALL
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
MA	MAST ARM
MM	MILLIMETER
MTG HT	MOUNTING HEIGHT
MW	MESSENGER WIRE
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T	TEMPORARY LIGHTING UNIT
TMP	TEMPORARY
TR	TEMPORARY UNIT TO BE REMOVED, SALVAGE EQUIPMENT AS SPECIFIED
TRR	TEMPORARY UNIT TO BE REMOVED AND RELOCATED
TUR	TEMPORARY UNIT ON UTILITY POLE TO BE REMOVED
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
WP	WOOD POLE
XFMR	TRANSFORMER

GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT DRAWINGS WHICH WOULD AFFECT THE WORK UNDER THIS CONTRACT.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
- ALL NEW CONDUIT, JUNCTION BOXES AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- THE SCALE SHOWN ON PLAN DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZE PLANS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL LUMINAIRE LAMPS IN ACCORDANCE WITH THE SUPPLIER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE SPECIFICATIONS. THE COST OF THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ENGINEER. THE LUMINAIRES MAY REQUIRE NIGHT-TIME OPTICAL ADJUSTMENT UPON INSPECTION BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS. SEPARATE PAYMENT WILL NOT BE MADE.
- TEMPORARY LIGHTING ADDED UNDER THIS CONTRACT WILL BE REMOVED UNDER A SEPARATE CONTRACT.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 36 INCH DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
- WHERE MULTIPLE CONDUITS ADJACENT TO EACH OTHER ARE INSTALLED IN A COMMON TRENCH, TRENCH AND BACKFILL WILL NOT BE PAID FOR EACH CONDUIT, BUT WILL BE PAID FOR THE LENGTH OF THE COMMON TRENCH ONLY.
- WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE PAY ITEM.
- THE CONTRACTOR SHALL COORDINATE ALL WORK AND MATERIALS WITH SPECIAL ATTENTION TO ALL OTHER CONSTRUCTION CONTRACTS. THIS WORK SHALL BE INCLUDED IN THE COST OF THIS CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- THE CONTRACTOR SHALL COORDINATE ALL PROPOSED ELECTRICAL CONNECTIONS, LIGHTING UNITS, CONTROL EQUIPMENT, AND/OR ANY OTHER WORK DEEMED NECESSARY BY THE ENGINEER TO ASSURE THAT ANY FUTURE AND CONCURRENT CONTRACT WORK PROCEEDS AS SCHEDULED AND WITHOUT DELAY. THIS COORDINATION SHALL BE INCLUDED IN THE COST OF CONTRACT.

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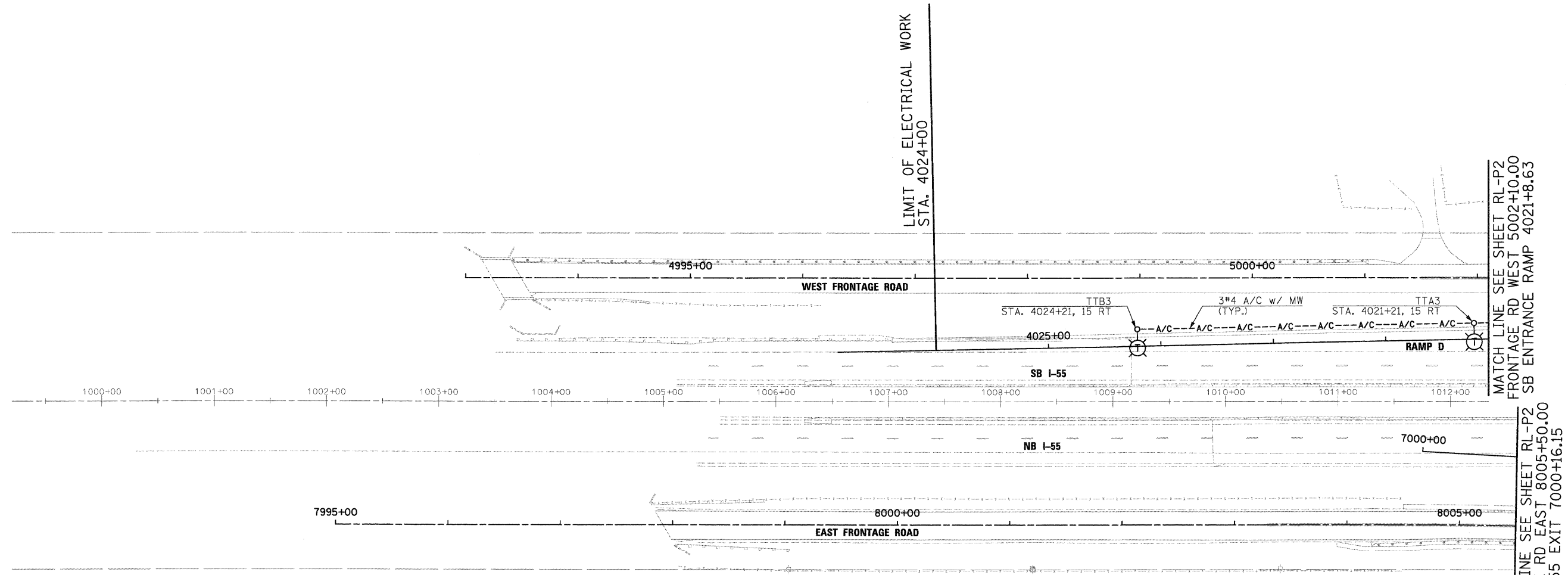
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PLOT SCALE = 1:1	DRAWN - CJM	REVISED -
PLOT DATE = 12/11/2009	CHECKED - KMY	REVISED -
	DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-55 AT ARSENAL ROAD
ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

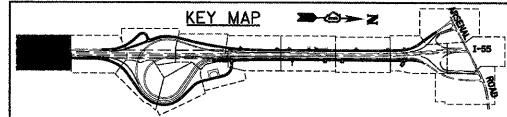
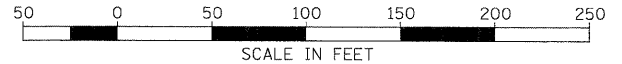
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	291
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	



MATCH LINE SEE SHEET RL-P2
 FRONTAGE RD WEST 5002+10.00
 SB ENTRANCE RAMP 4021+8.63
 MATCH LINE SEE SHEET RL-P2
 FRONTAGE RD EAST 8005+50.00
 NB I-55 EXIT 7000+16.15

NOTES:

1. TEMPORARY LIGHTING UNITS, TEMPORARY LIGHTING CONTROLLER AND ASSOCIATED SERVICE SHALL BE FURNISHED, INSTALLED, AND ENERGIZED PRIOR TO OPENING RAMP D FOR TRAFFIC.
2. TEMPORARY LIGHTING WILL REMAIN IN SERVICE UNTIL PROPOSED (PERMANENT) LIGHTING IS INSTALLED UNDER A SEPARATE CONTRACT.
3. TEMPORARY WOOD POLE, 100FT., CLASS 1, 15 FT. MAST ARM WITH LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT, 80 FT. MOUNTING HEIGHT. FOR TEMPORARY LIGHTING DETAILS, SEE DRAWING RL-D1.



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 130 East Randolph Street Chicago, Illinois 60601

FILE NAME = D160C31-SHT-PLAN01.dgn	USER NAME = TKluogel	DESIGNED - JLW	REVISED -
		DRAWN - CJM	REVISED -
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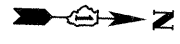
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 AT ARSENAL ROAD
RAMP D TEMPORARY LIGHTING PLAN

SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

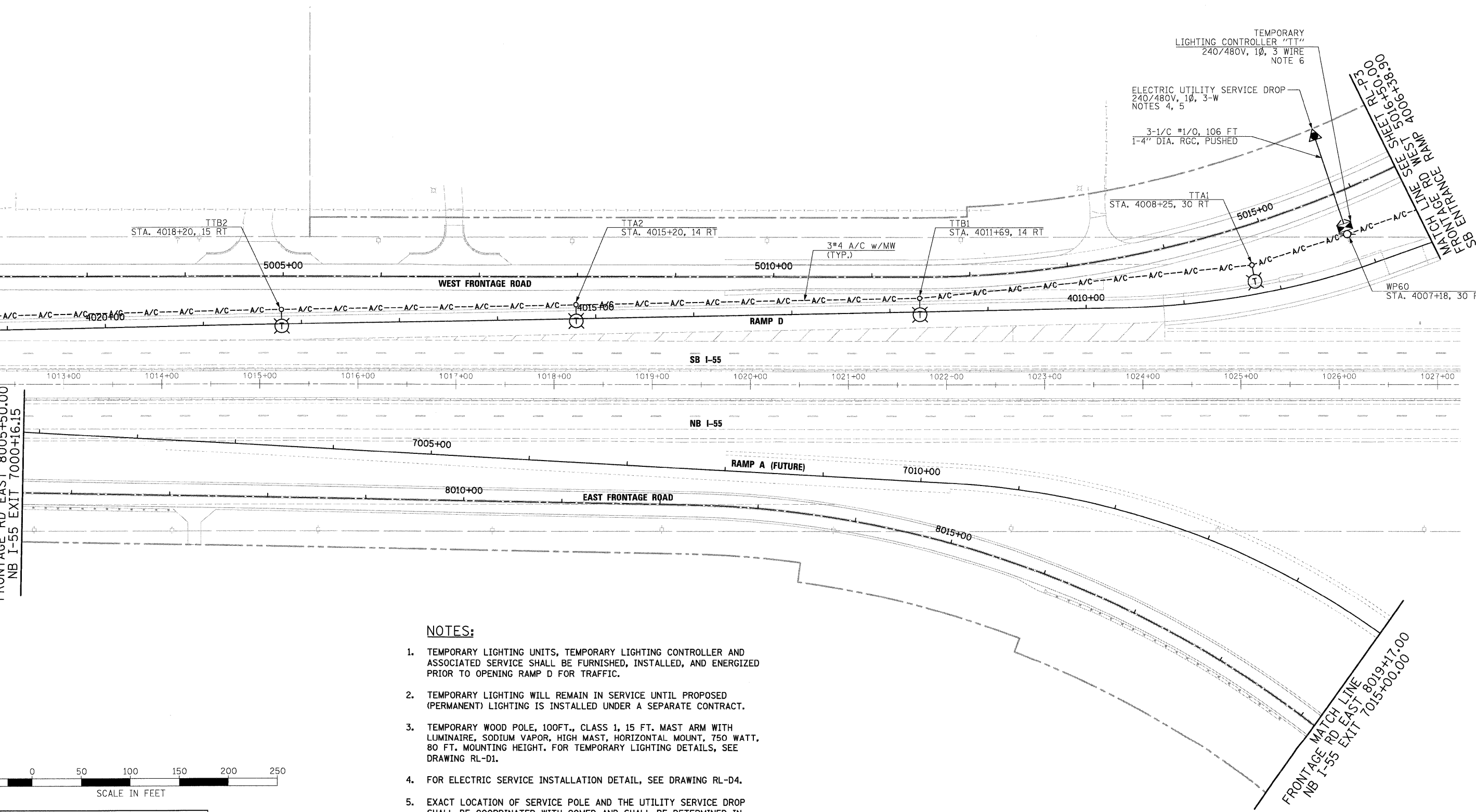
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55	(99-1&2)AC-3	WILL	524	292
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL
 RL-P1



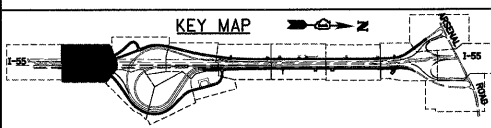
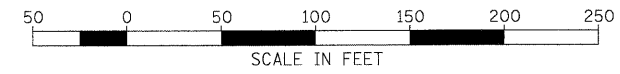
MATCH LINE SEE SHEET RL-P1
FRONTAGE RD WEST 5002+10.00
SB ENTRANCE RAMP 4021+8.63

MATCH LINE
FRONTAGE RD EAST 8005+50.00
NB I-55 EXIT 7000+16.15



NOTES:

1. TEMPORARY LIGHTING UNITS, TEMPORARY LIGHTING CONTROLLER AND ASSOCIATED SERVICE SHALL BE FURNISHED, INSTALLED, AND ENERGIZED PRIOR TO OPENING RAMP D FOR TRAFFIC.
2. TEMPORARY LIGHTING WILL REMAIN IN SERVICE UNTIL PROPOSED (PERMANENT) LIGHTING IS INSTALLED UNDER A SEPARATE CONTRACT.
3. TEMPORARY WOOD POLE, 100FT., CLASS 1, 15 FT. MAST ARM WITH LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT, 80 FT. MOUNTING HEIGHT. FOR TEMPORARY LIGHTING DETAILS, SEE DRAWING RL-D1.
4. FOR ELECTRIC SERVICE INSTALLATION DETAIL, SEE DRAWING RL-D4.
5. EXACT LOCATION OF SERVICE POLE AND THE UTILITY SERVICE DROP SHALL BE COORDINATED WITH COMED AND SHALL BE DETERMINED IN THE FIELD WITH THE ENGINEER.
6. FOR TEMPORARY LIGHTING CONTROLLER INSTALLATION DETAILS, SEE DRAWING RL-D1.



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FILE NAME = D168C31-SHT-PLAN2.dgn	USER NAME = TKluegel	DESIGNED - JLW	REVISED -
		DRAWN - CJM	REVISED -
		CHECKED - KMY	REVISED -
		DATE 12/18/09	REVISED -

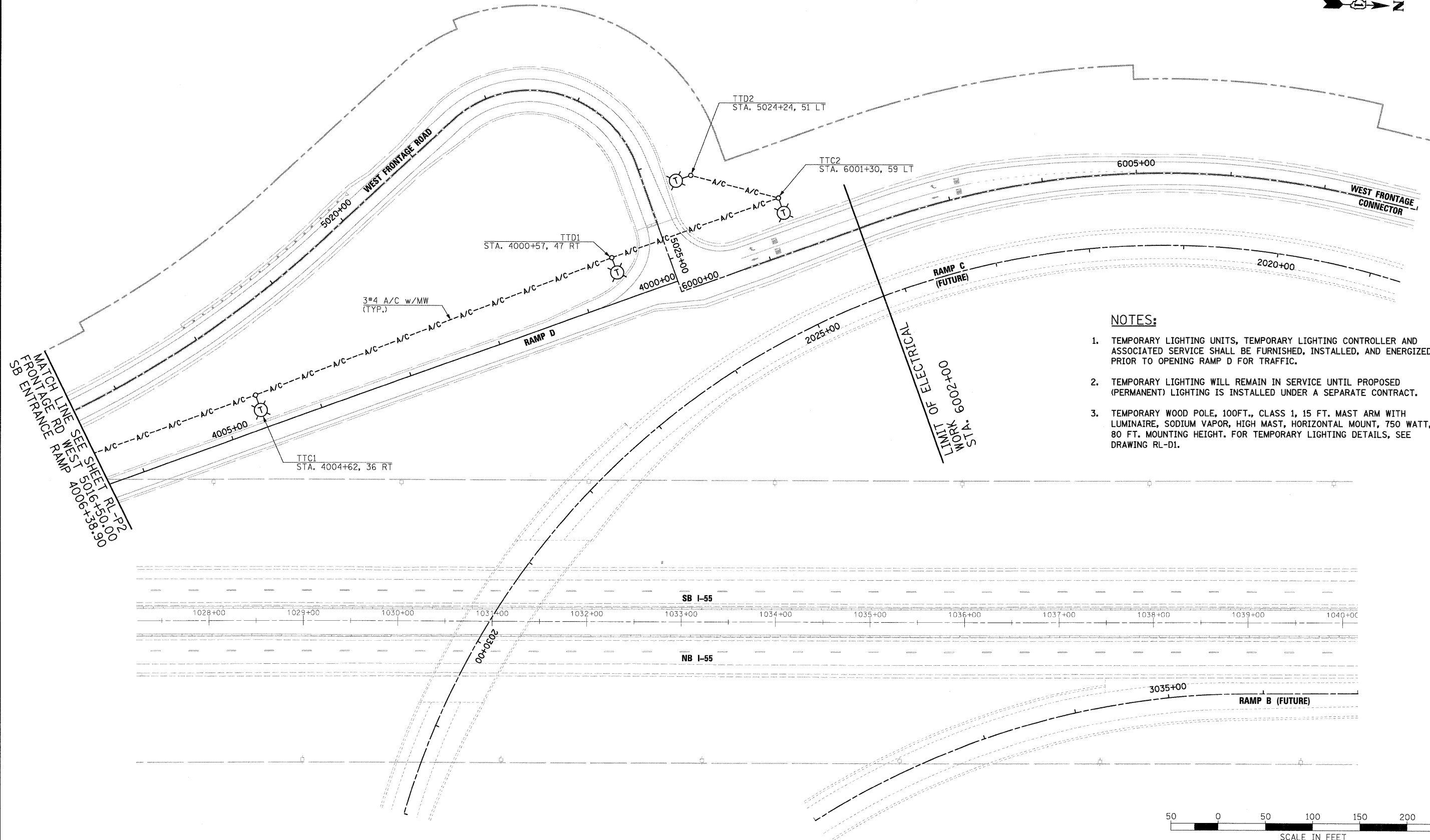
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-55 AT ARSENAL ROAD
RAMP D TEMPORARY LIGHTING PLAN**

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	293
CONTRACT NO. 60C31				

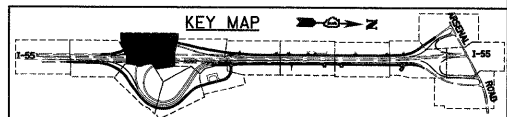
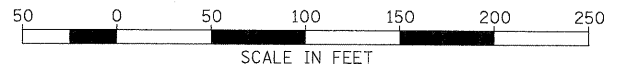
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



NOTES:

1. TEMPORARY LIGHTING UNITS, TEMPORARY LIGHTING CONTROLLER AND ASSOCIATED SERVICE SHALL BE FURNISHED, INSTALLED, AND ENERGIZED PRIOR TO OPENING RAMP D FOR TRAFFIC.
2. TEMPORARY LIGHTING WILL REMAIN IN SERVICE UNTIL PROPOSED (PERMANENT) LIGHTING IS INSTALLED UNDER A SEPARATE CONTRACT.
3. TEMPORARY WOOD POLE, 100FT., CLASS 1, 15 FT. MAST ARM WITH LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT, 80 FT. MOUNTING HEIGHT. FOR TEMPORARY LIGHTING DETAILS, SEE DRAWING RL-D1.

MATCH LINE SEE SHEET RL-P2
FRONTAGE RD WEST 5016+50.00
SB ENTRANCE RAMP 4006+38.90



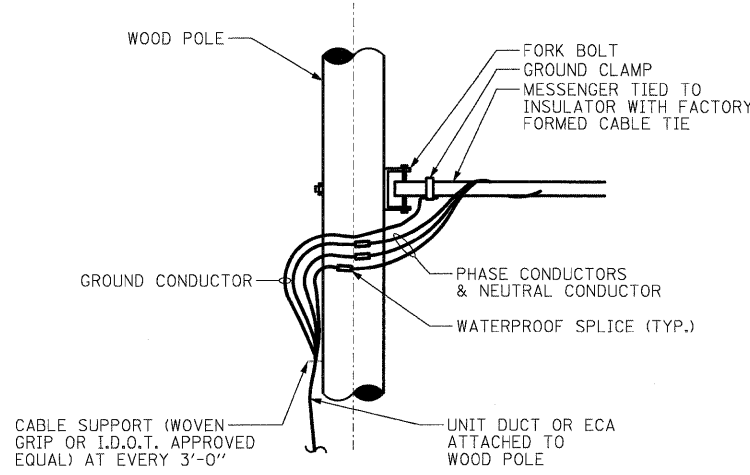
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130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D162C31-SHT-PLAN23.dgn	USER NAME = TKLuegel	DESIGNED - JLW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 AT ARSENAL ROAD RAMP D TEMPORARY LIGHTING PLAN	F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 294		
PLOT SCALE = 1:50	CHECKED - KMY	DATE - 12/18/09	REVISED -			SCALE: 1" = 50'	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 60C31		
PLOT DATE = 12/11/2009	DATE - 12/18/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

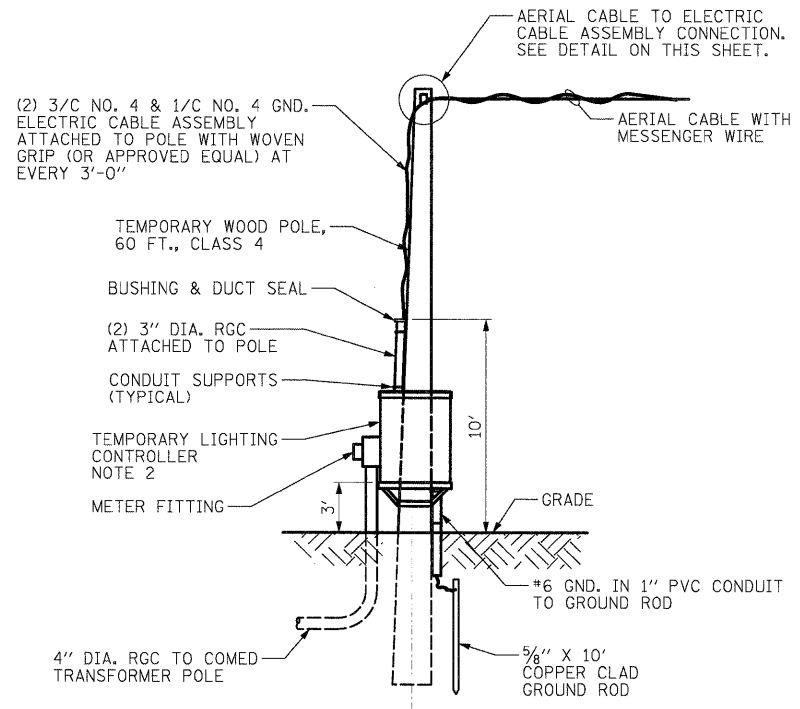
FINAL
RL-P3

NOTES:

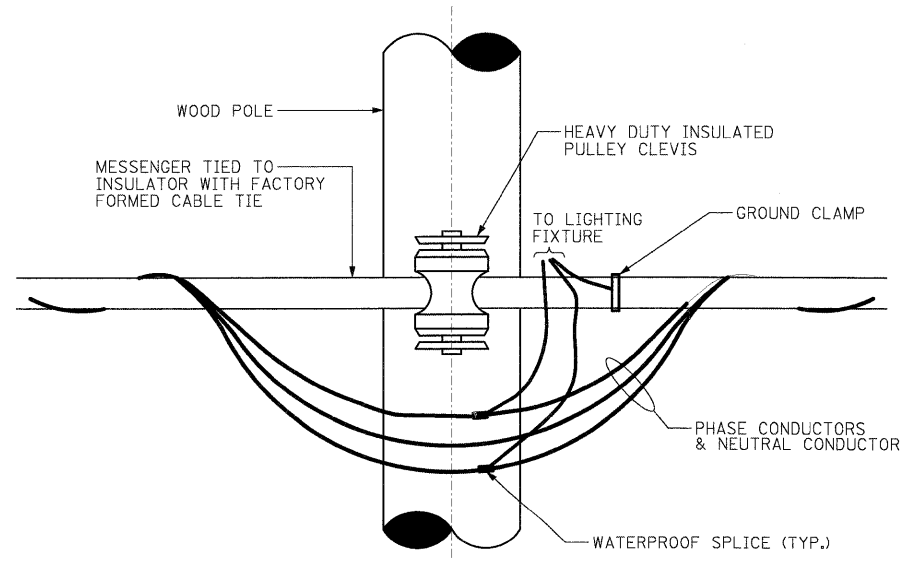
1. TEMPORARY WOOD POLE AND CONTROLLER MOUNTING HARDWARE AND RELATED APPURTENANCES SHALL BE INCLUDED IN TEMPORARY LIGHTING CONTROLLER PAY ITEM.
2. SEE DRAWING RL-D2 FOR CONTROLLER CABINET DETAILS AND RL-D3 FOR CONTROLLER WIRING DIAGRAM.
3. THE COST OF ALL CONDUITS ATTACHED TO WOOD POLE, GROUND ROD, AND GROUND WIRES SHALL BE INCLUDED IN THE COST OF ELECTRIC SERVICE INSTALLATION PAY ITEM. NO SEPARATE PAYMENT WILL BE MADE.
4. TEMPORARY LUMINAIRE SHALL BE HORIZONTAL MOUNTED 750W HPS, HIGH MAST LUMINAIRE.
5. THE COST OF CLASS SI CONCRETE SHALL BE INCLUDED IN THE COST OF "LIGHT POLE, WOOD, 100 FOOT, CLASS 1, WITH 15FT MAST ARM" PAY ITEM. NO SEPARATE PAYMENT WILL BE MADE.



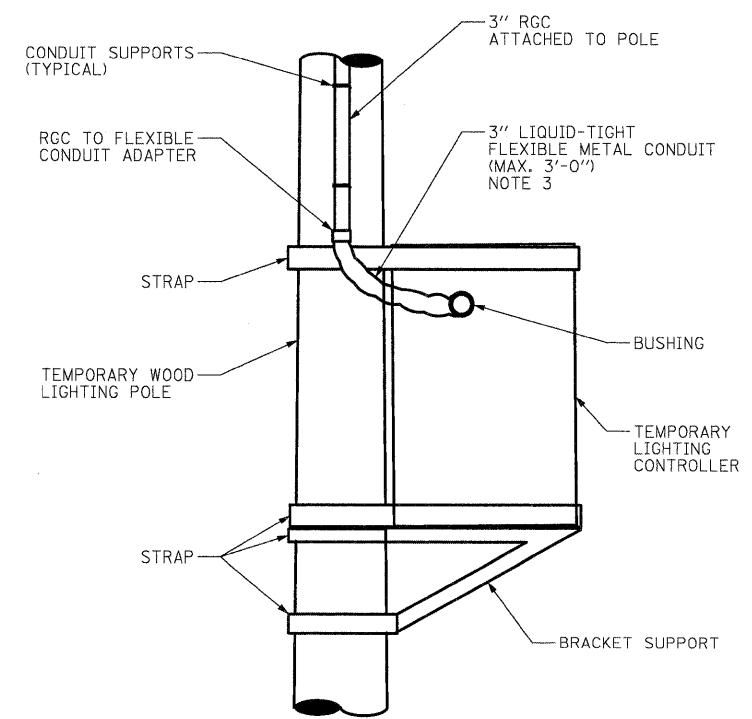
AERIAL CABLE TO ELECTRIC CABLE ASSEMBLY CONNECTION DETAIL
N.T.S.



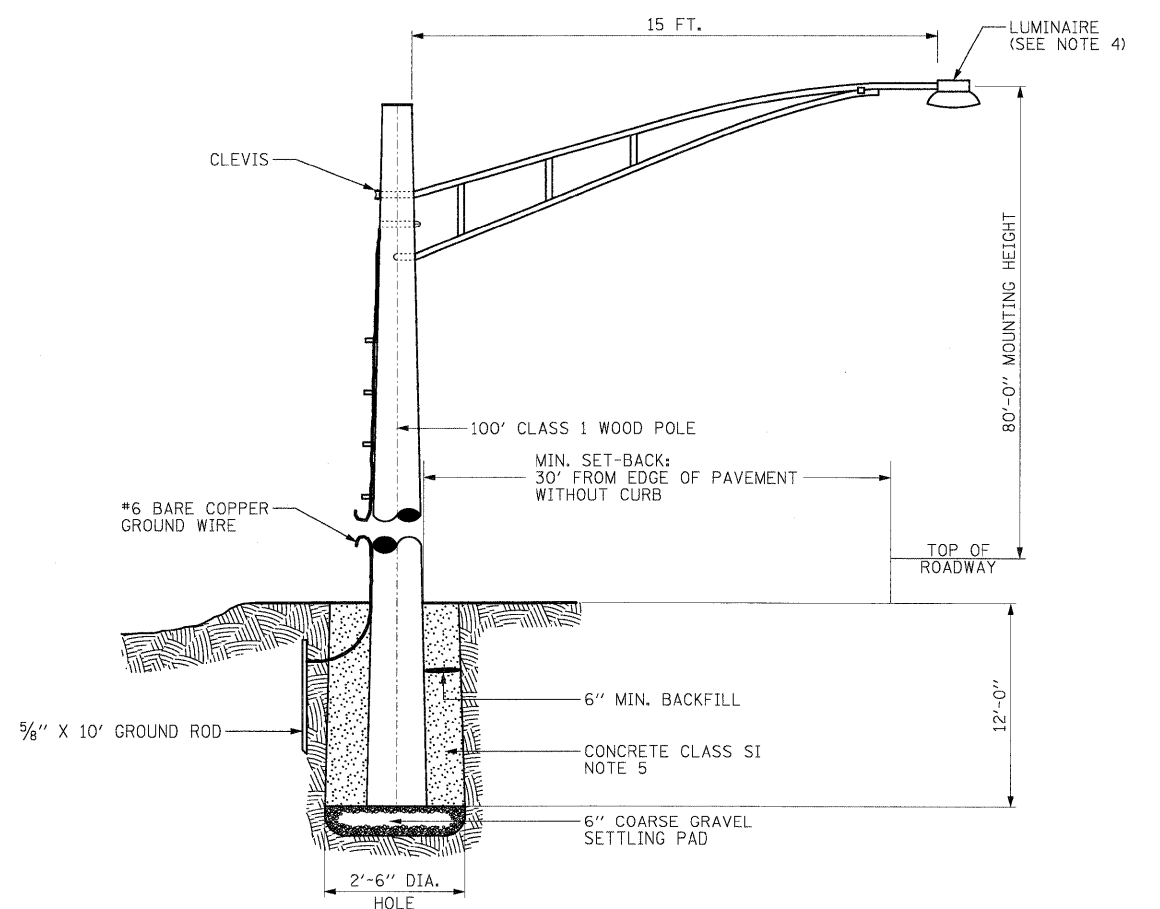
TEMPORARY LIGHTING CONTROLLER INSTALLATION DETAIL
N.T.S.



TEMPORARY LIGHT POLE CABLE ATTACHMENT DETAIL
N.T.S.



TEMPORARY LIGHTING CONTROLLER WIRING INSTALLATION DETAIL
N.T.S.



TEMPORARY LIGHT POLE INSTALLATION DETAIL
N.T.S.

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FILE NAME =	USER NAME = TKluegel
D160C31-SHT-EDetail01.dgn	
PLOT SCALE = 1:1	
PLOT DATE = 12/11/2009	

DESIGNED - JLW	REVISED -
DRAWN - CJM	REVISED -
CHECKED - KMY	REVISED -
DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-55 AT ARSENAL ROAD
TEMPORARY LIGHTING DETAILS**

SCALE: AS NOTED SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	295
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL

SPECIFICATIONS

PERFORMANCE - THE ENCLOSURE WILL MEET OR EXCEED THE REQUIREMENTS OF A NEMA 3R RATING AND SHALL BE U.L. LISTED.

MATERIAL - SHEET ALUMINUM 1/8" THICKNESS, ALLOY 5052 H32. SURFACE SHALL HAVE A SMOOTH, NATURAL ALUMINUM MILL FINISH. ALL WELDS TO BE HELIARC AND SHALL BE NEATLY FORMED AND FREE OF CRACKS, BLOW HOLES, AND OTHER DEFECTS. ALL EDGES TO BE FREE OF BURRS.

CABINET FEATURES - CABINET TOP SLOPED 1/2" TO THE REAR, WITH 1/8" X 1" VENT SLOTS UNDER FRONT OVERHANG.

DOORS AND LOCKS - THE MAIN DOOR IS OF NEMA TYPE 3R CONSTRUCTION WITH CELLULAR NEOPRENE GASKET, WHICH IS RAIN TIGHT. HINGE IS 2" OPEN AND IS CONTINUOUS 14 GAUGE STAINLESS STEEL WITH A 1/4" DIA. PIN AND IS CAPPED AT THE TOP TO RENDER IT TAMPER PROOF. THE HINGE IS SECURED WITH 1/4"-20 STAINLESS STEEL CARRIAGE BOLTS AND ESNA LOCK NUTS. STANDARD EQUIPMENT INCLUDES A THREE POINT LOCKING SYSTEM, WHICH SECURES THE DOOR AT THE TOP, BOTTOM, AND CENTER. A CORBIN LOCK WITH TWO KEYS IS ALSO FURNISHED. THE MAIN DOOR IS ALSO EQUIPPED WITH A THREE POSITION DOOR STOP, ONE AT 90°, ONE AT 120°, AND ONE AT 180°. DOOR LOCKING RODS ARE 1/4" X 3/4" ALUMINUM TURNED EDGEWAYS WITH 1" NYLON ROLLERS. MAIN DOOR HANDLE IS 3/4" DIAMETER STAINLESS STEEL. THE CABINET DOOR SHALL BE HINGED ON THE RIGHT SIDE WHEN FACING THE FRONT OF THE CABINET.

EQUIPMENT MOUNTING - THE CABINET SHALL BE EQUIPPED WITH TWO ADJUSTABLE "L" MOUNTING CHANNELS WELDED TO EACH SIDE WALL AND THE BACK WALL ALLOWING FULL ADJUSTMENT OF SHELVES OR PANELS.

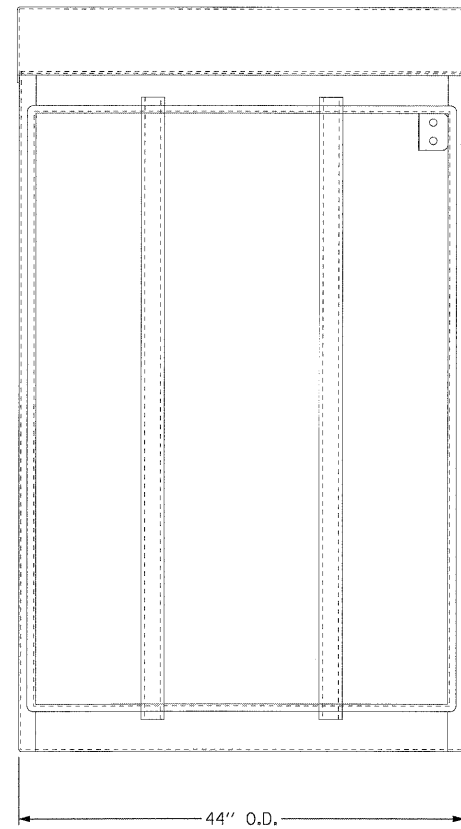
VENTILATION - VENT SLOTS (1/8" X 1") ARE PROVIDED ON THE UNDERSIDE OF THE COVER OVERHANG AND LOUVER SLOTS ARE FORMED IN THE LOWER PORTION OF THE MAIN DOOR. THIS CREATES A NATURAL MOVEMENT OF AIR AND HAS A COOLING EFFECT ON THE ELECTRICAL EQUIPMENT.

CABINET TYPE FOR TEMPORARY CONTROLLER "TT" IS POLE MOUNTED (SEE INSTALLATION DETAILS ON DRAWING RL-D1).

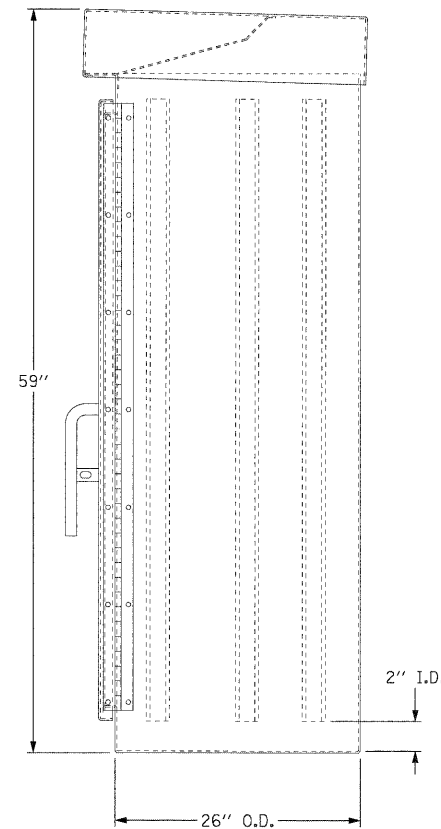
THIS SPECIFICATION IS PER IDOT STANDARD SPECIFICATIONS.

INDICATED DIMENSIONS REPRESENT THE MINIMUM REQUIREMENTS. DIMENSIONS SHALL BE INCREASED AS REQUIRED TO COMPLY WITH THE CODE AND TO ADEQUATELY HOUSE ALL REQUIRED COMPONENTS WITH AMPLE ROOM FOR ARRANGEMENT AND TERMINATION OF WIRING.

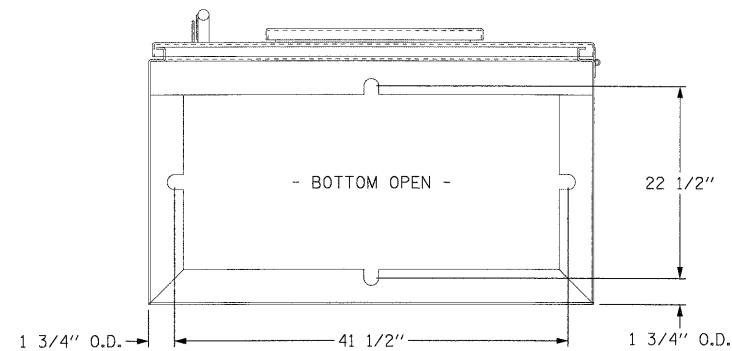
THE SERVICE EQUIPMENT SHALL BE MARKED TO IDENTIFY AS BEING SUITABLE AS SERVICE EQUIPMENT IN ACCORDANCE WITH NEC ARTICLE 230.66.



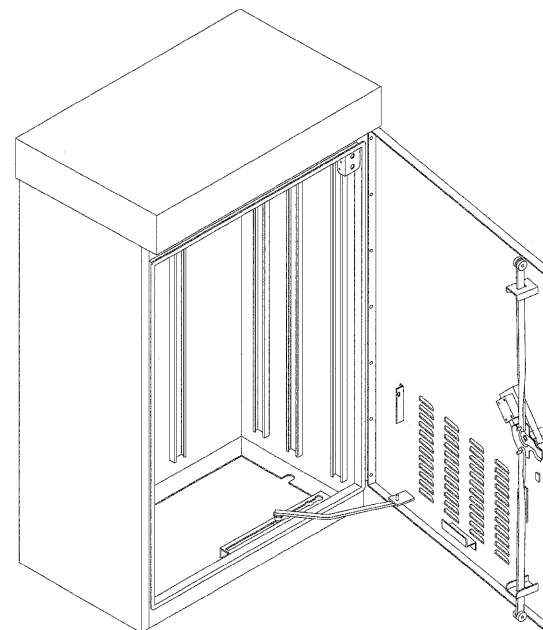
FRONT VIEW
DOOR REMOVED



RIGHT SIDE VIEW



BOTTOM VIEW
MOUNTING PATTERN



ALUMINUM TYPE IV CONTROL CABINET 3R
59"x44"x26"
SCALE: NOT TO SCALE

FILE NAME =	USER NAME = TKLuegel
D162C31-SHT-EDetail02.dgn	
PLOT SCALE = 1:1	
PLOT DATE = 12/11/2009	

DESIGNED - JLW	REVISED -
DRAWN - CJM	REVISED -
CHECKED - KMY	REVISED -
DATE - 12/18/09	REVISED -

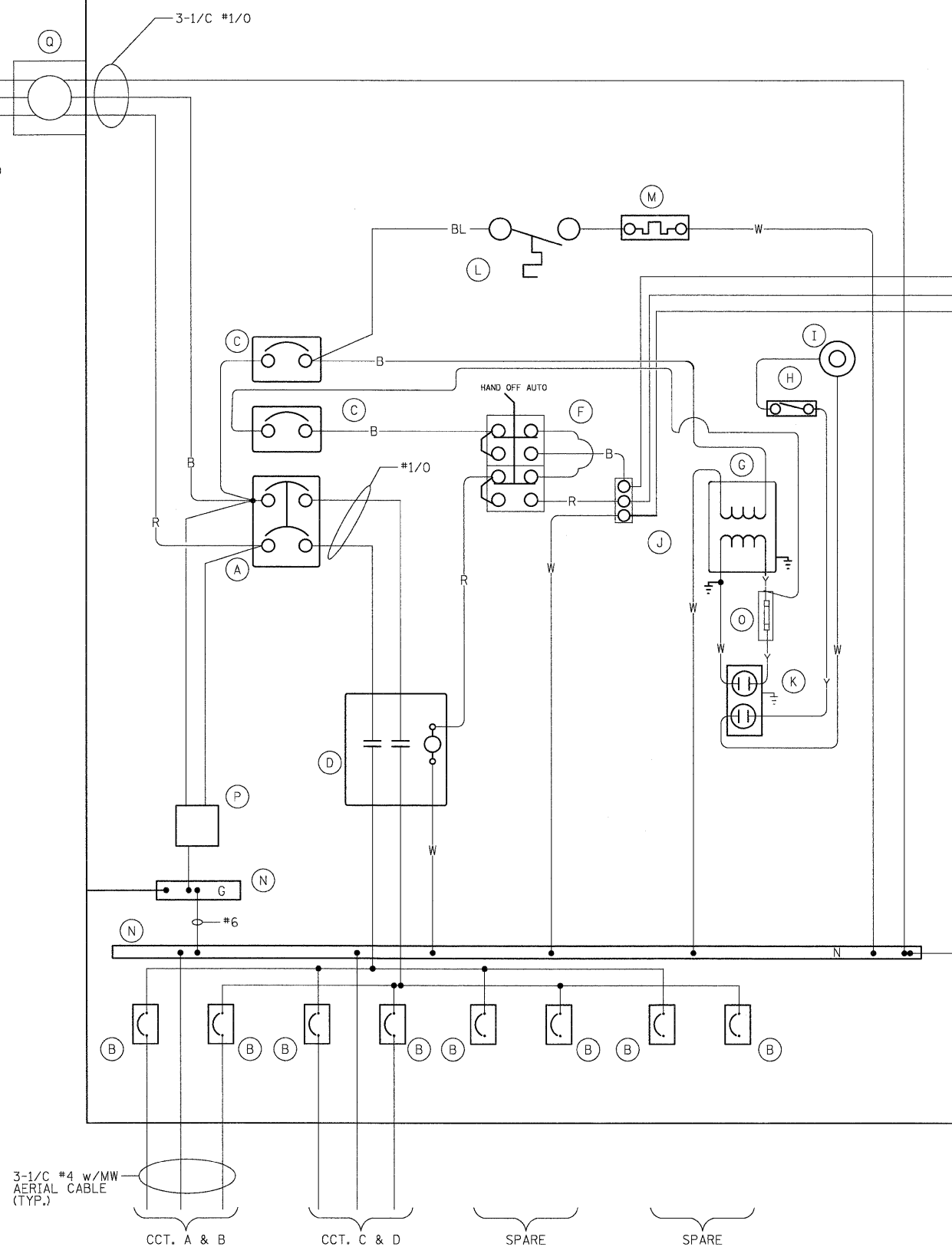
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-55 AT ARSENAL ROAD
TEMPORARY LIGHTING CONTROLLER CABINET DETAILS**

SCALE: AS NOTED SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	296
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60C31	

ELECTRICAL SERVICE FROM COMED
100A, 240/480V, 1 PH, 3W



BILL OF MATERIALS CONTROLLER "CT"		
ITEM	QTY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 150 AMP, 2POLE, 480V, NON-INTERCHANGEABLE TRIP, INTERRUPTING RATING 25,000 AMP AT 480 VOLT
B	8	1P-30A, 240V, BOLT-ON BRANCH CIRCUIT BREAKERS, CAT. NO. GH81030, INTERRUPTING RATING 14,000 AMP AT 277 VOLT (2 SPARE)
C	2	CUTLER HAMMER EHD1015 1P 15 AMP, 240V, INTERRUPTING RATING 14,000 AMP AT 277 VOLT
D	1	CH A202K4BA 2P 200A, 600V, 120V COIL
E	1	FA105M NITELIGHTER PHOTOCELL
F	1	SQ D 9001KYK111 HOA SWITCH
G	1	JEFFERSON 21-0071-055 1KVA XFORMER
H	1	OMRON DOOR SWITCH A20G07BK
I	1	LEVITON 29816-C LIGHT FIXTURE
J	1	CHINCH 3 POINT TB
K	1	LEVITON 6599 15A GFCI RECP
L	1	WR THERMOSTAT *2E552 0-50 DEG.
M	1	SS HEATER VULCAN *0S1408-250B 250 WATTS
N	2	COPPER GROUND AND NEUTRAL BUS, MIN. 1/4" X 1" X 12"
O	1	BUSSMAN KTK15 FUSE
P	1	BRACKET MOUNTED SURGE ARRESTER FOR 480/240V, 3W SERVICE
Q	1	1-PHASE, 3-WIRE, 200 AMP METER FITTING

POWER WIRING RHH/RHW
CONTROL WIRING #12 MTW
NEUTRAL BUS COLOR CODED WHITE
GROUND BUS COLOR CODED GREEN
UL LISTED

BL = BLUE
W = WHITE
B = BLACK
R = RED
Y = YELLOW

#6 GND IN 1/2" PVC CONDUIT
TO 5/8" x 10' GROUND ROD

NOTES:

- FOR TEMPORARY LIGHTING CONTROLLER INSTALLATION DETAILS, SEE DRAWING RL-D1.
- PROVIDE #4 EQUIPMENT GROUND WIRE WITH EACH PAIR OF CIRCUIT CONDUCTORS.

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street Chicago, Illinois 60601

FILE NAME =
D160C31-SHT-EDetail23.dgn

USER NAME = TK1uegl
PLOT SCALE = 1:1
PLOT DATE = 12/11/2009

DESIGNED - JLW
DRAWN - CJM
CHECKED - KMY
DATE - 12/18/09

REVISED -
REVISED -
REVISED -
REVISED -

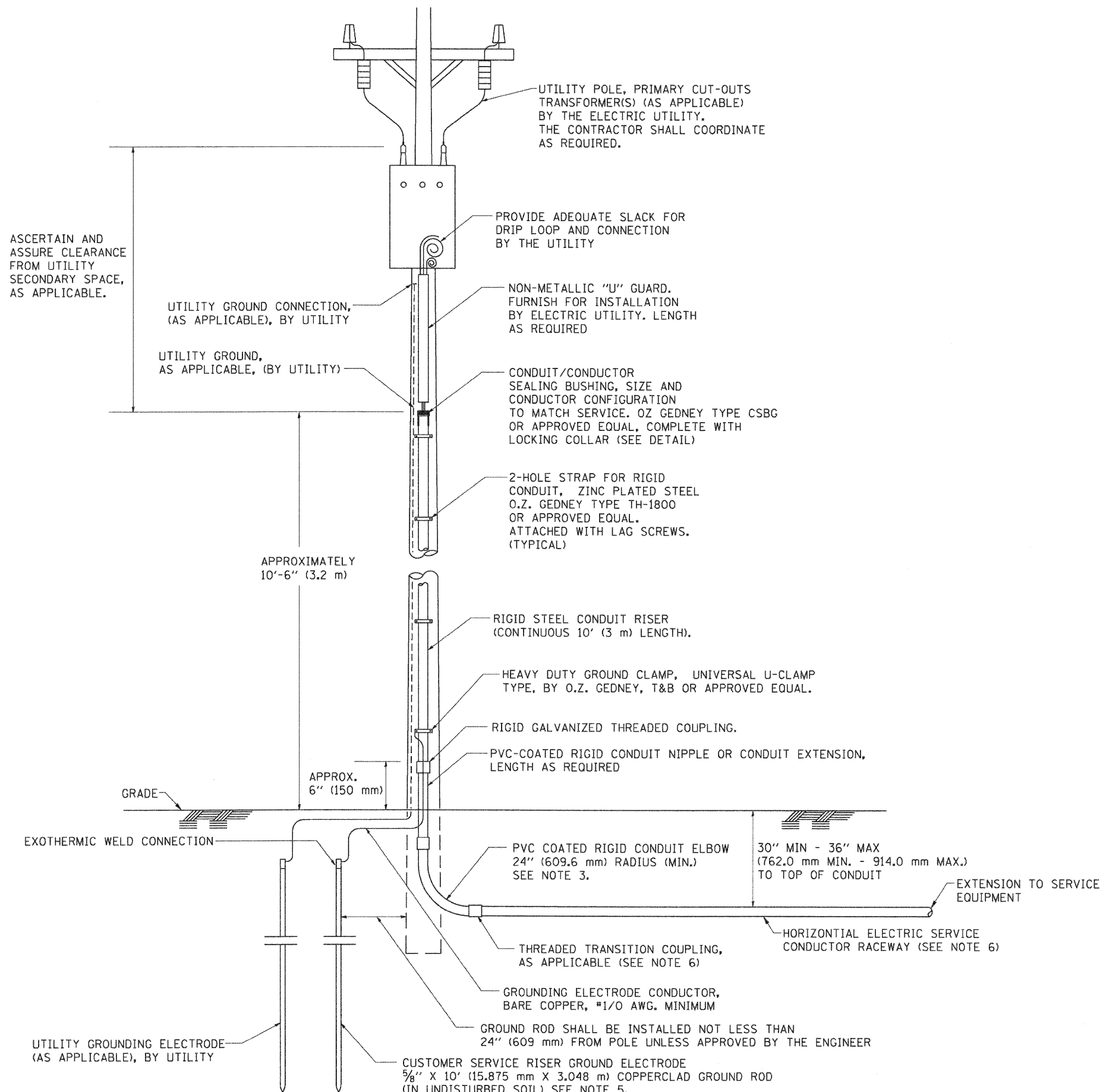
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 AT ARSENAL ROAD
TEMPORARY LIGHTING CONTROLLER WIRING DIAGRAM

SCALE: AS NOTED SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	297
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

FINAL
RL-D3

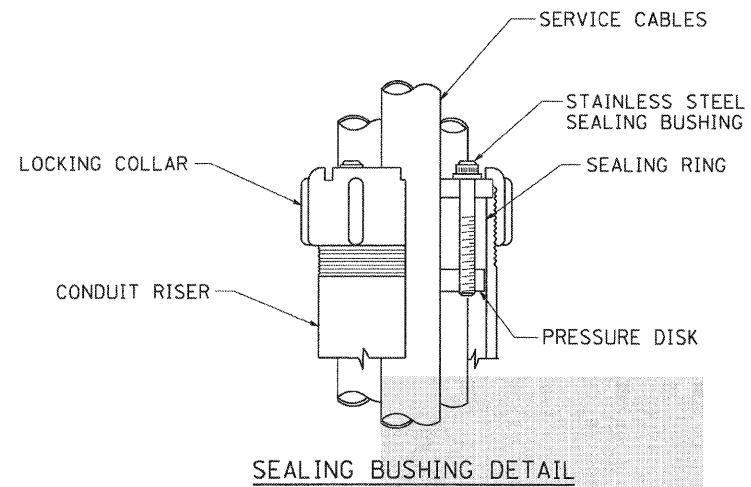


APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D162C31-SHT-EDetail104.dgn	USER NAME = TKluegel	DESIGNED - JLW	REVISED -
		DRAWN - CJM	REVISED -
		CHECKED - KMY	REVISED -
		DATE - 12/18/09	REVISED -

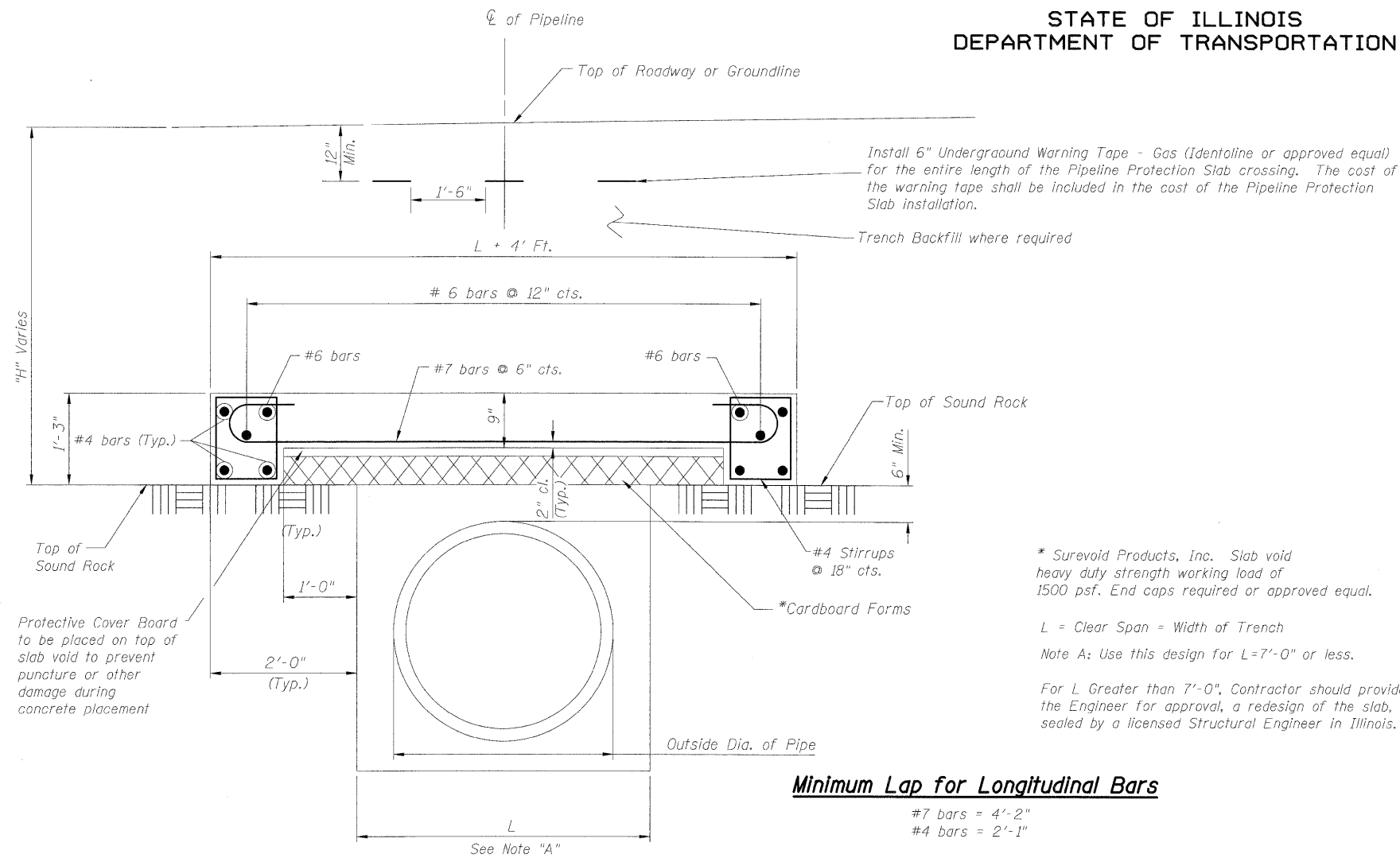
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-55 AT ARSENAL ROAD
ELECTRICAL SERVICE INSTALLATION DETAILS**

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

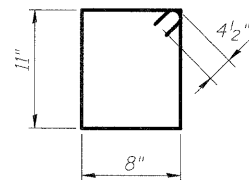
F.A.I. RTE. 55	SECTION (99-1&2)AC-3	COUNTY WILL	TOTAL SHEETS 524	SHEET NO. 298
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Minimum Lap for Longitudinal Bars

#7 bars = 4'-2"
#4 bars = 2'-1"

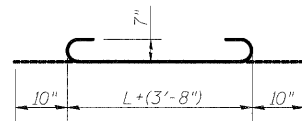


#4 Stirrups

****PROTECTIVE SLAB FOR EXISTING PIPELINES**

Design in accordance with title 49-Part 192 Minimum Federal Safety Standards and ASME Guide for Gas Piping Systems, Latest Edition.

**Will be paid for under the item "Utility Protection Pad"



#7 Bars

Note: Tilt hook to provide the specified clearance.

DESIGN STRESSES

$f'c = 3500 \text{ psi}$
 $fy = 60,000 \text{ psi (Reinforcement)}$

DESIGN LOADING

HS20-44

NOTES:

This slab has been designed for earth fill and a live load of HS20-44, if any construction equipment the Contractor uses is higher than HS20-44 he should provide the Engineer for approval a redesign of slab, sealed by a licensed Structural Engineer in Illinois.

* Surevoid Products, Inc. Slab void heavy duty strength working load of 1500 psf. End caps required or approved equal.

L = Clear Span = Width of Trench

Note A: Use this design for L=7'-0" or less.

For L Greater than 7'-0", Contractor should provide the Engineer for approval, a redesign of the slab, sealed by a licensed Structural Engineer in Illinois.

DESIGNED	BKB
CHECKED	MJL
DRAWN	MJL
CHECKED	BKB

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street
Chicago, Illinois 60601
(312) 946-8600

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
UD-1	55	(99-1&2) AC-3	WILL	524	299
CONTRACT NO. 60C31					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

PIPELINE PROTECTION SLAB DETAIL

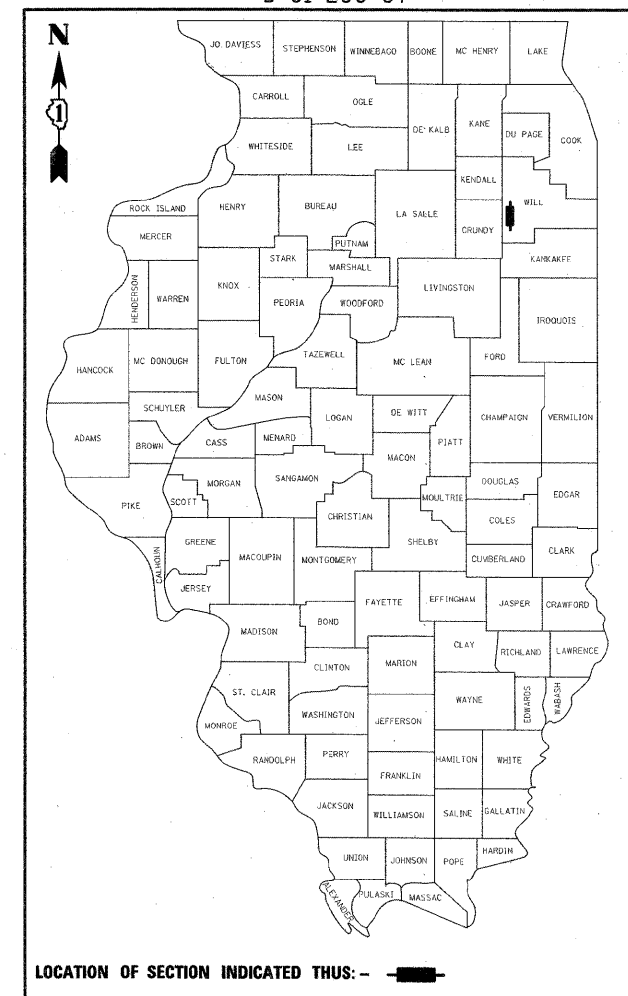
FOR INDEX OF SHEETS, SEE SHEET NO. 2 (VOLUME I)
FOR INDEX OF SHEETS, SEE SHEET NO. 301 (VOLUME II)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

**ROUTE FAI 55 (I-55)
SECTION (99-1&2)AC-3
PROJECT
I-55 AT ARSENAL ROAD
INTERCHANGE RAMP AND
FRONTAGE ROAD CONSTRUCTION
WILL COUNTY
C-91-200-07**

D-91-200-07



VOLUME II

STATION EQUATIONS:

STA 5025+24.74 BK ϕ WEST FRONTAGE ROAD =
STA 4000+00.00, 12.00' LT AH ϕ RAMP D =
STA 6000+00.00 AH ϕ WEST FRONTAGE CONNECTOR

STA 2038+02.19 BK ϕ RAMP C (PT) =
STA 100+00.00 AH ϕ RAMD E (PC) =
STA 7021+82.16, 36.00' RT BK ϕ RAMP A

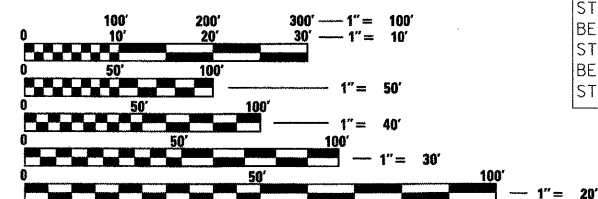
STA 126+08.25, 21.00' LT BK END ϕ RAMP E =
STA 3000+00.00, 21.00' LT AH ϕ RAMP B =
STA 900+00.00 AH ϕ ARSENAL ROAD =
STA 1050+03.08, 146.78' RT ϕ I-55

DESIGN DESIGNATION

I-55 RAMP A	5700(10) INTERSTATE - CLASS II TRUCK ROUTE 11.34 (JPCP-20)
I-55 RAMP B	18500(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
I-55 RAMP C	18500(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
I-55 RAMP D	5400(10) INTERSTATE - CLASS II TRUCK ROUTE 11.34 (JPCP-20)
I-55 RAMP E	24200(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
ARSENAL ROAD	35900(10) SUBURBAN STRATEGIC REGIONAL ARTERIAL (SRA) - CLASS I TRUCK ROUTE 22.47 (JPCP-20)

EAST FRONTAGE ROAD	3400(10) COLLECTOR STREET 3.20 (BIT-20)
WEST FRONTAGE CONNECTOR	4900(10) COLLECTOR STREET 4.63 (JPCP-20)
WEST FRONTAGE ROAD	4900(10) COLLECTOR STREET 3.20 (BIT-20)

DESIGN SPEED: I-55 = 70 MPH
ARSENAL ROAD = 50 MPH
EAST FRONTAGE ROAD = 50 MPH
WEST FRONTAGE CONNECTOR = 50 MPH
WEST FRONTAGE ROAD = 50 MPH
RAMPS A, C, D & E = 50 MPH
RAMP B = 40 MPH

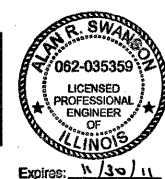


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DISTRICT 1 NO. (847) 705-4523
PROJECT ENGINEER: HELEN PAZON

CONTRACT NO. 60C31



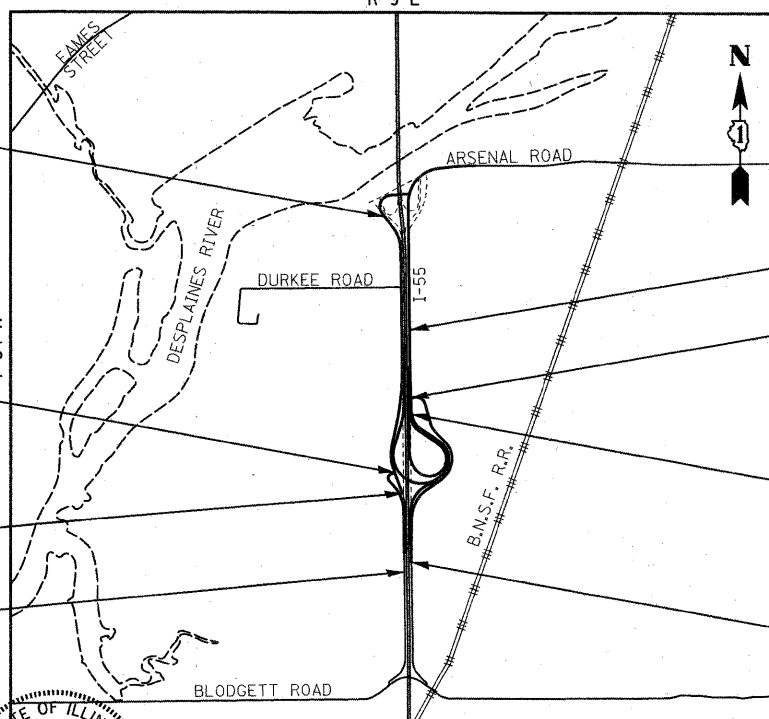
SIGNATURE: *Alan R. Swanson*
DATE: 11/30/2011
NAME: ALAN SWANSON
EXP. 11/30/2011
SHEETS 1-86, 125-143, 184-198, 236-290, 299-301, 357-524



SIGNATURE: *Gerald E. Koylas*
DATE: 11/30/2011
NAME: GERALD E. KOYLAS
EXP. 11/30/2011
SHEETS 302-322



SIGNATURE: *Steven C. Poland*
DATE: 11/30/2011
NAME: STEVEN C. POLAND
EXP. 11/30/2011
SHEETS 323-341



END IMPROVEMENT
STA 6077+54.15
 ϕ WEST FRONTAGE CONNECTOR

END IMPROVEMENT
STA 5025+36.74 ϕ WEST FRONTAGE ROAD;
BEGIN IMPROVEMENT
STA 4000+00.00 ϕ RAMP D;
BEGIN IMPROVEMENT
STA 6000+00.00 ϕ WEST FRONTAGE CONNECTOR

END IMPROVEMENT
STA 4009+20.92 ϕ RAMP D

BEGIN IMPROVEMENT
STA 4993+41.47
 ϕ WEST FRONTAGE ROAD

END IMPROVEMENT
STA 919+75.00 ϕ ARSENAL ROAD

END IMPROVEMENT
STA 8058+20.79 ϕ EAST FRONTAGE ROAD =
STA 904+96.95 ϕ ARSENAL ROAD

BEGIN IMPROVEMENT
STA 900+00.00 ϕ ARSENAL ROAD

BEGIN IMPROVEMENT
STA 7997+84.25
 ϕ EAST FRONTAGE ROAD

LOCATION MAP
SCALE = 1:2400

LENGTH OF PROJECT

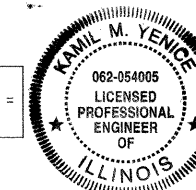
ARSENAL ROAD = 1,975.00 FT = 0.374 MI
WEST FRONTAGE CONNECTOR = 7,754.15 FT = 1.469 MI
WEST FRONTAGE ROAD = 3,195.27 FT = 0.605 MI
EAST FRONTAGE ROAD = 6,036.54 FT = 1.143 MI
RAMP D = 920.92 FT = 0.174 MI
GROSS AND NET LENGTH = 19,881.88 FT = 3.765 MI



SIGNATURE: *Sadhu Singh Rikhiral*
DATE: 11/30/2011
NAME: SADHU SINGH RIKHIRAL
EXP. 11/30/2011
SHEETS 144-183



SIGNATURE: *Richard A. Young*
DATE: 11/30/2011
NAME: RICHARD A. YOUNG
EXP. 11/30/2011
SHEETS 87-124



SIGNATURE: *Kamil M. Yenice*
DATE: 11/30/2011
NAME: KAMIL YENICE
EXP. 11/30/2011
SHEETS 291-298

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED DECEMBER 11, 2009

Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

20

ENGINEER OF DESIGN AND ENVIRONMENT

20

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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