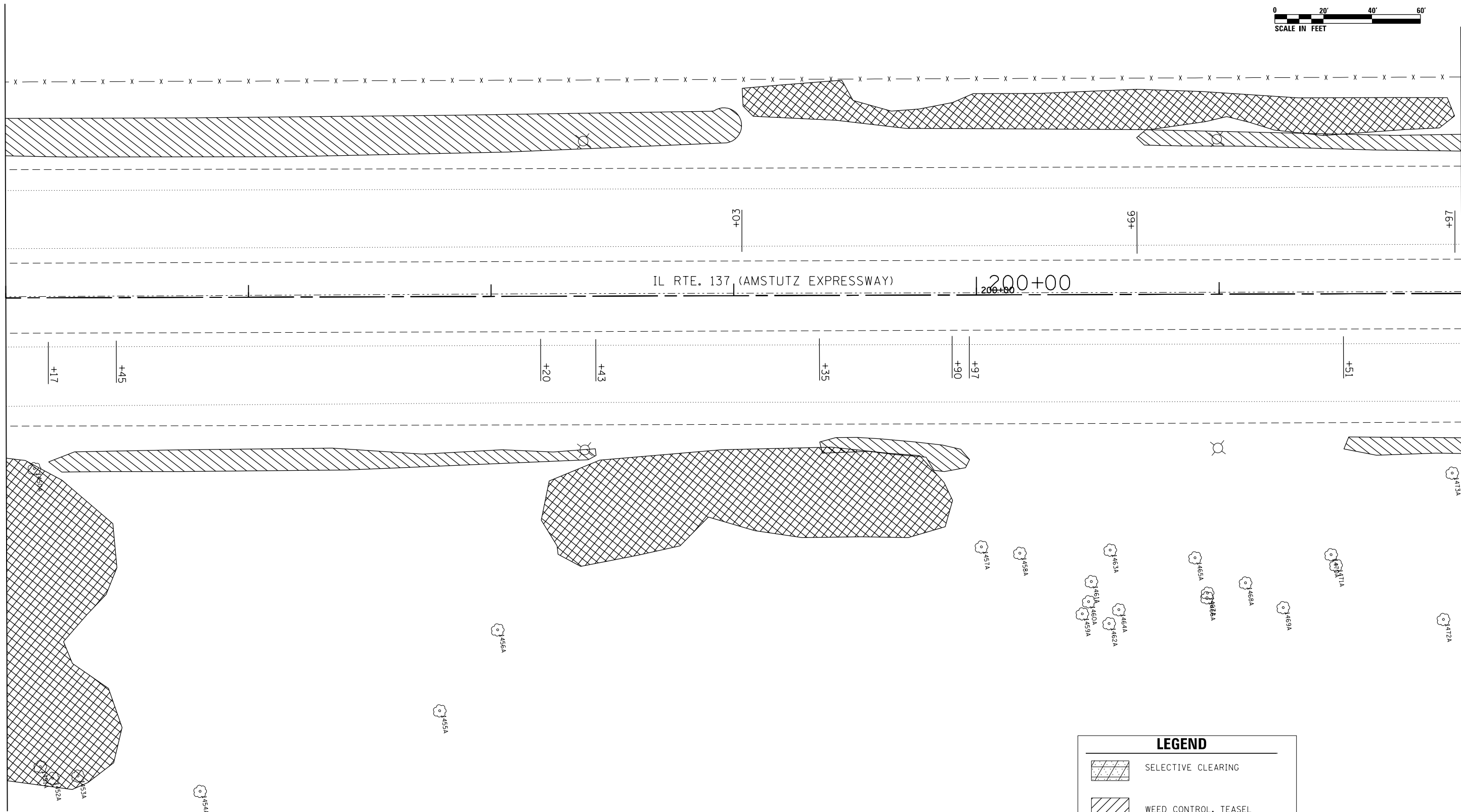


MATCH LINE STA. 196+00 SEE SHEET 75

MATCH LINE STA. 202+00 SEE SHEET 77



LEGEND	
	SELECTIVE CLEARING
	WEED CONTROL, TEASEL
	WEED CONTROL, AQUATIC

FILE NAME = O:\Engineering\LiveProjects\13016 IDOT DURN\3016a-WO 5 Contract No. 62B29\CADD\CADD Sheets\Civil\62B29-shr-Landscaping-Amstutz\_IB.dgn



USER NAME = johnn	DESIGNED - BR	REVISED -
	DRAWN - BR	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2016	DATE - 03-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
AMSTUTZ EXPRESSWAY**

SCALE: SHEET 18 OF 23 SHEETS STA. TO STA.

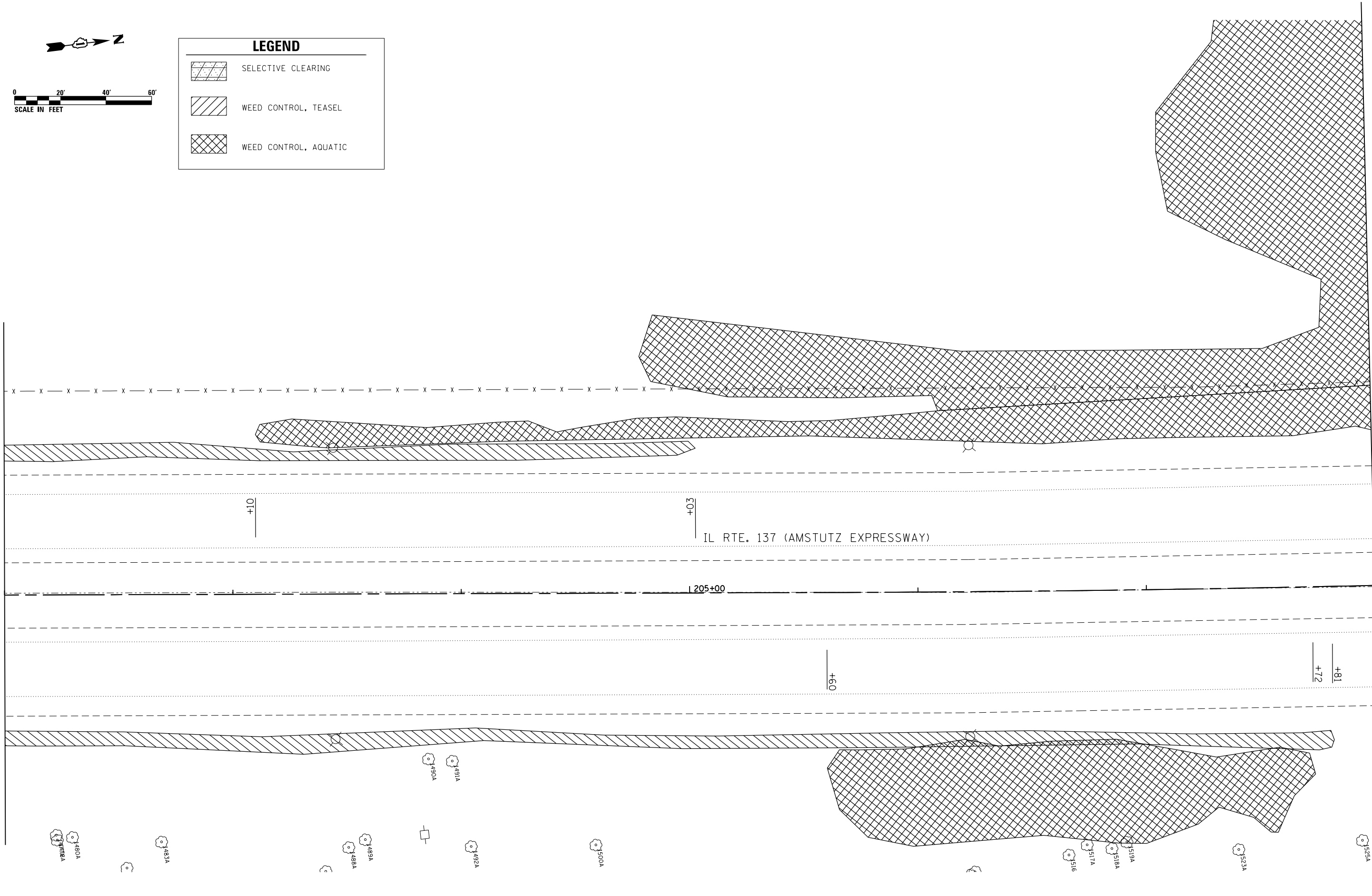
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2015-0621	LAKE	109	76
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				



LEGEND	
	SELECTIVE CLEARING
	WEED CONTROL, TEASEL
	WEED CONTROL, AQUATIC

MATCH LINE STA. 202+00 SEE SHEET 76

MATCH LINE STA. 208+00 SEE SHEET 78



FILE NAME = O:\Engineering\Live\Projects\13016 IDOT DUR\13016-WO 5 Contract No. 62B29\CAADD\CADD Sheets\Civil\13016-WO 5 Contract No. 62B29-5ht-Landscaping-Amstutz\_19.dgn



USER NAME = johnn	DESIGNED - BR	REVISED -
	DRAWN - BR	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2016	DATE - 03-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

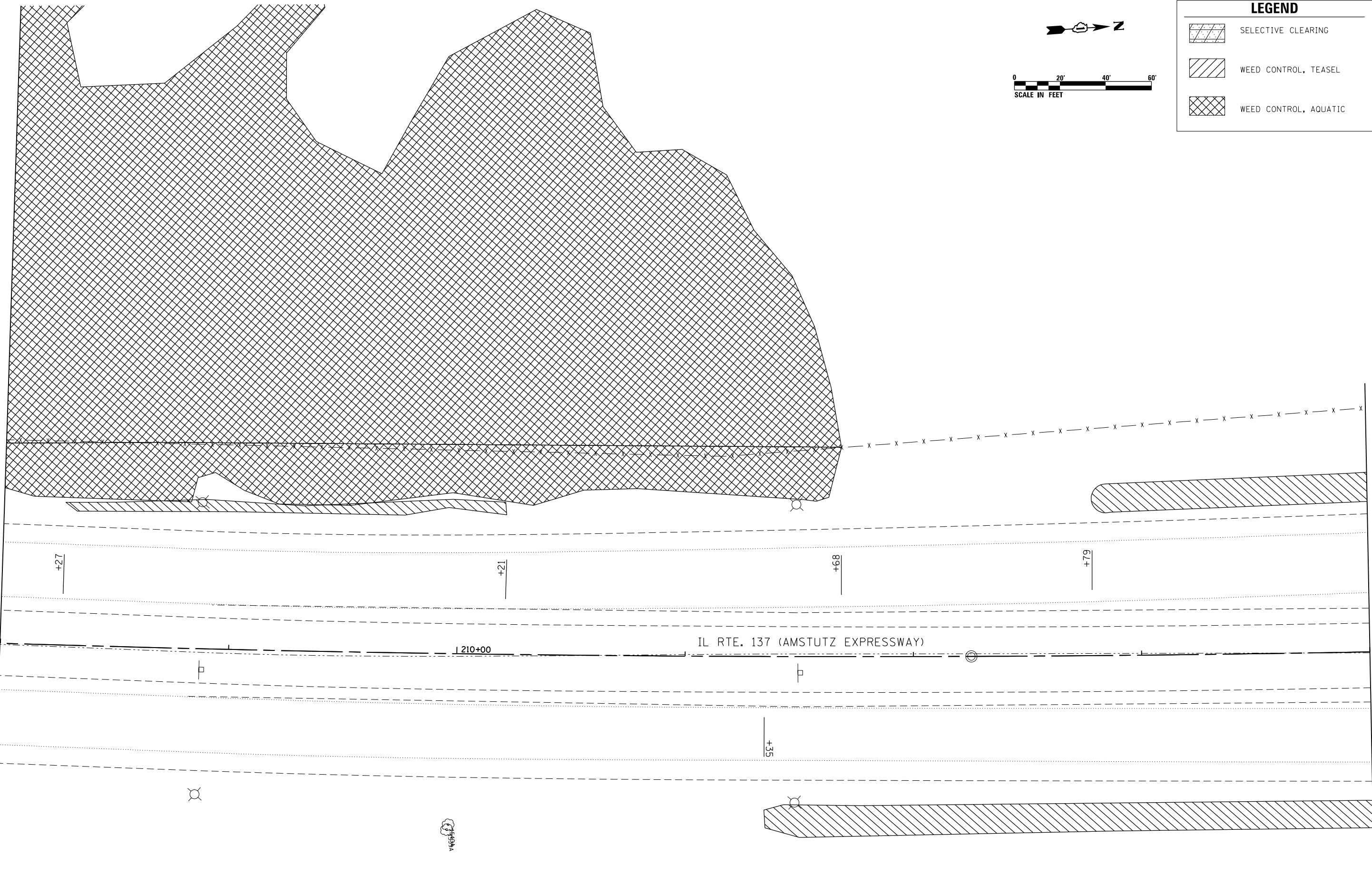
**LANDSCAPING PLANS  
AMSTUTZ EXPRESSWAY**

SCALE: SHEET 19 OF 23 SHEETS STA. TO STA.




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2015-0621	LAKE	109	77
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				

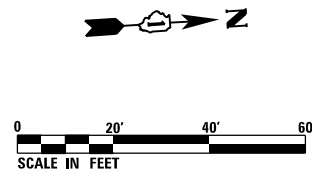
FILE NAME = O:\Engineering\LiveProjects\13016 IDOT DURN\3016a-W0 5 Contract No. 62B29\CADD\CADD Sheets\Civil\162B29-shr-Landscaping-Amstutz\_20.dgn

MATCH LINE STA. 208+00 SEE SHEET 77



**LEGEND**

-  SELECTIVE CLEARING
-  WEED CONTROL, TEASEL
-  WEED CONTROL, AQUATIC



MATCH LINE STA. 214+00 SEE SHEET 79



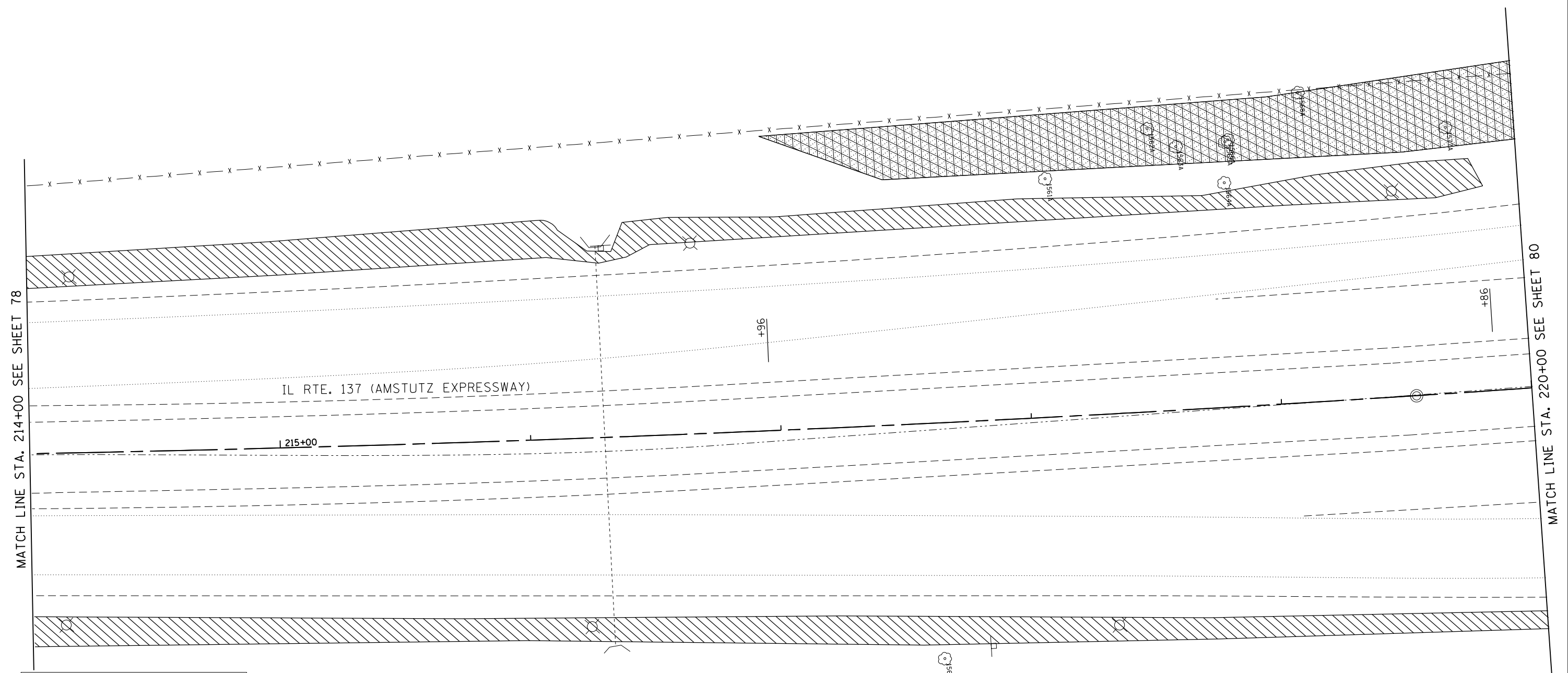
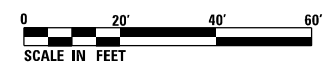
USER NAME = johnn	DESIGNED - BR	REVISED -
	DRAWN - BR	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2016	DATE - 03-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




**LANDSCAPING PLANS  
AMSTUTZ EXPRESSWAY**

SCALE: SHEET 20 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2015-0621	LAKE	109	78
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  SELECTIVE CLEARING
-  WEED CONTROL, TEASEL
-  WEED CONTROL, AQUATIC

FILE NAME = Q:\Engineering\LiveProjects\13016 IDOT DURN\3016-W 5 Contract No. 62B29\CAADD\CADD Sheets\Civil\162B29-shr-Landscaping-Amstutz 21.dgn



USER NAME = johnn	DESIGNED - BR	REVISED -
	DRAWN - BR	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2016	DATE - 03-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

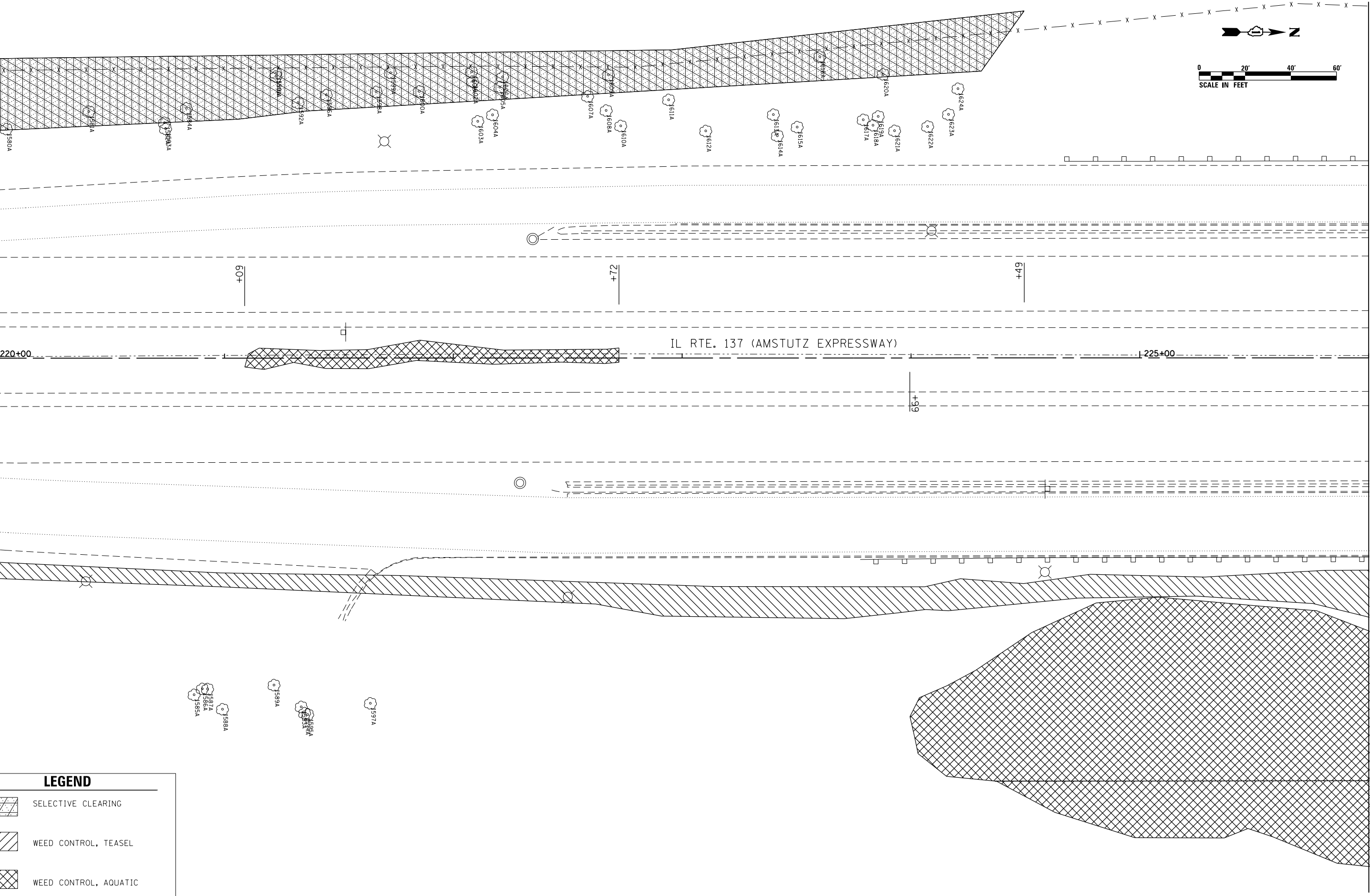
**LANDSCAPING PLANS  
AMSTUTZ EXPRESSWAY**

SCALE: SHEET 21 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2015-0621	LAKE	109	79
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				

FILE NAME = O:\Engineering\LiveProjects\13016 IDOT DURN\3016a-W0 5 Contract No. 62B29\CADD\CADD Sheets\Civil\62B29-shr-Landscaping-Amstutz 22.dgn

MATCH LINE STA. 220+00 SEE SHEET 79



MATCH LINE STA. 226+00 SEE SHEET 81

LEGEND	
	SELECTIVE CLEARING
	WEED CONTROL, TEASEL
	WEED CONTROL, AQUATIC



USER NAME = johnn	DESIGNED - BR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - BR	REVISED -
PLOT DATE = 5/13/2016	CHECKED -	REVISED -
	DATE - 03-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
AMSTUTZ EXPRESSWAY**

SCALE: SHEET 22 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 352	SECTION 2015-0621	COUNTY LAKE	TOTAL SHEETS 109	SHEET NO. 80
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				

FILE NAME = O:\Engineering\LiveProjects\13016 IDOT DURN\13016-10 5 Contract No. 62B29\CAADD\CAOD Sheets\Civil\162B29-sht-Landscaping-Amstutz\_23.dgn



USER NAME = johnn	DESIGNED - BR	REVISED -
DRAWN - BR	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2016	DATE - 03-13-2016	REVISED -

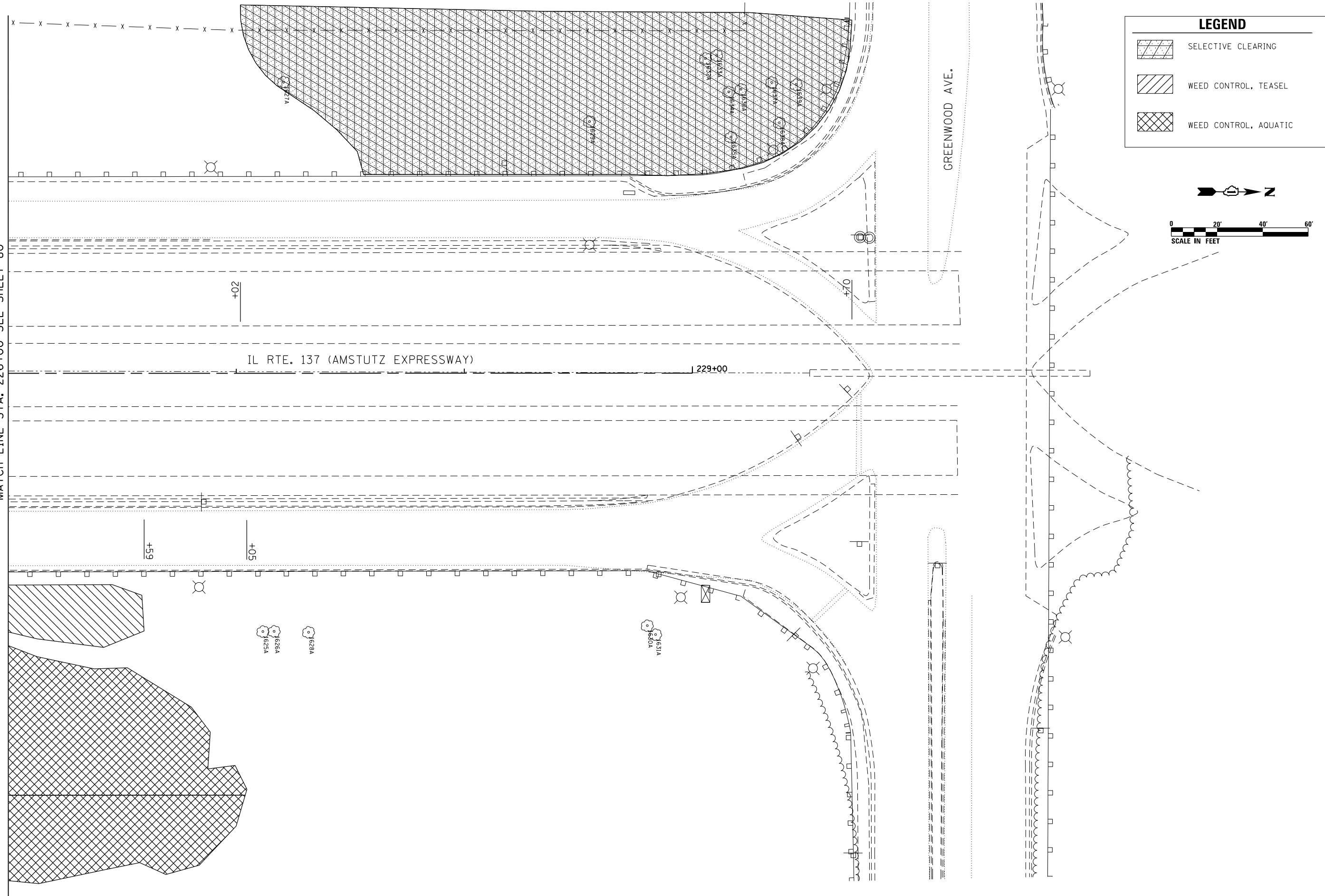
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
AMSTUTZ EXPRESSWAY**

SCALE: SHEET 23 OF 23 SHEETS STA. TO STA.

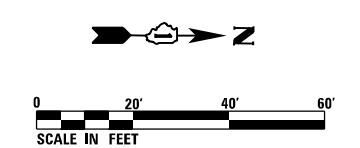
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2015-0621	LAKE	109	81
<b>CONTRACT NO. 62B29</b>				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 226+00 SEE SHEET 80



**LEGEND**

	SELECTIVE CLEARING
	WEED CONTROL, TEASEL
	WEED CONTROL, AQUATIC



TREE REMOVAL SCHEDULE - LEFT					
TREE NO.	STATION	OFFSET (FT)	REMOVAL > 15"	REMOVAL 6"-15"	REMOVAL < 6"
17A	109+64.63	94.68	23.0		
19A	109+73.60	91.03		14.0	
20A	109+82.87	82.04	16.0		
32A	114+46.21	60.14		10.0	
53A	120+81.82	86.49		8.5	
59A	121+32.95	68.96		7.0	
60A	121+33.32	66.92		6.0	
79A	128+81.51	125.71		6.0	2.0
83A	128+91.73	50.32		9.0	
92A	129+31.37	58.01		6.0	
93A	129+32.17	112.31		6.0	
94A	129+33.16	93.51		8.0	
105A	129+45.21	96.09		10.0	
112A	129+59.48	93.10		10.0	2.0
113A	129+64.10	50.12		13.0	
115A	129+77.84	93.23		6.0	
116A	129+86.12	74.92		8.0	
117A	129+90.01	86.87		29.0	4.0
119A	129+95.87	71.10		8.0	
174A	136+99.48	119.48		6.0	
179A	137+13.94	136.86		9.0	4.0
187A	137+20.48	148.27		8.0	
189A	137+22.07	145.40		9.0	
196A	137+29.75	149.15		12.0	
201A	137+37.40	124.38		6.0	
206A	137+48.86	130.82		7.5	
209A	137+50.53	133.01		7.0	
210A	137+53.44	139.99		7.0	
211A	137+54.13	145.57		7.0	
255A	144+54.67	92.00		6.0	
261A	145+52.89	91.75		8.0	
292A	147+49.96	89.33		22.0	
294A	147+59.97	114.02		17.0	
301A	148+21.04	126.11		37.0	6.0
314A	149+84.37	138.37		15.0	
354A	153+98.42	111.48		7.5	
414A	156+22.72	121.72			14.0
416A	156+30.28	112.23		14.0	
426A	157+02.75	155.81		17.0	
428A	157+26.65	146.50		9.5	5.0
521A	161+06.25	145.38		7.0	
542A	161+77.33	115.33		20.0	5.0
560A	162+35.43	137.35		8.0	
567A	162+45.97	132.39		7.0	
577A	162+57.60	134.53		11.0	
585A	162+65.07	136.01		9.0	
588A	162+72.38	136.16		6.0	
600A	162+99.20	135.14		10.0	
606A	163+10.25	133.29		11.0	
625A	163+45.87	95.50		7.0	
628A	163+49.85	109.99		12.0	
633A	163+55.83	95.99		9.0	
634A	163+57.25	105.78		12.0	

TREE REMOVAL SCHEDULE - LEFT					
TREE NO.	STATION	OFFSET (FT)	REMOVAL > 15"	REMOVAL 6"-15"	REMOVAL < 6"
638A	163+62.08	95.13		10.0	
639A	163+67.96	98.72		7.0	
640A	163+68.93	99.15		7.5	
641A	163+70.51	99.86		7.5	
644A	163+72.62	109.35		6.0	
646A	163+74.18	108.32		8.0	
647A	163+76.08	108.67		10.0	
649A	163+78.18	102.92		7.0	
653A	163+87.06	101.58		17.0	
654A	163+90.67	92.27		6.0	
656A	164+08.24	112.09		10.0	
660A	164+19.15	111.82		6.0	
661A	164+19.53	120.35		9.0	
662A	164+23.52	105.59		6.0	
663A	164+24.19	103.73		7.0	
664A	164+30.10	101.65		6.5	
665A	164+33.42	97.06		7.0	
668A	164+36.56	96.70		6.0	
669A	164+38.98	99.69		7.0	
670A	164+40.26	100.10		7.0	
671A	164+41.89	101.19		7.0	
672A	164+42.87	107.79		6.0	
673A	164+45.24	104.81		8.0	
676A	164+59.17	100.89		7.5	
677A	164+59.20	100.90		8.0	
678A	164+59.74	97.89		17.5	
679A	164+63.06	101.20		8.0	
680A	164+63.68	103.84		7.5	
683A	164+87.42	104.20		7.0	
684A	164+89.11	100.27		8.0	
686A	165+03.14	100.58		8.0	
688A	165+16.53	94.86		8.0	5.0
691A	165+34.76	100.77		8.0	
693A	165+36.31	96.41		7.0	5.0
694A	165+38.67	101.75		8.0	
695A	165+40.98	95.88		8.0	
697A	165+49.29	103.97		7.0	
698A	165+51.10	97.52		16.0	3.0
699A	165+52.31	98.26		8.0	
700A	165+52.47	99.13		9.0	
703A	165+74.64	105.01		8.0	
704A	165+75.43	100.30		7.0	
705A	165+77.69	101.40		8.0	
706A	165+79.53	102.26		9.0	
707A	165+79.60	99.92		10.0	
709A	165+82.24	101.32		9.0	
714A	165+95.30	101.89		7.5	
715A	165+96.29	100.11		8.0	2.0
717A	166+04.68	103.63		6.0	
719A	166+16.99	98.79		9.0	
721A	166+19.76	98.24		9.0	
722A	166+22.08	100.38		8.0	
724A	166+25.92	100.52		7.5	

FILE NAME = Q:\Engineering\LiveProjects\13016 IDOT DURN\3016a-W0 5 Contract No. 62B29\CAUD\CAUD Sheets\Civil\62B29-ght-Tree Removal Schedule-Amstutz.dgn



USER NAME = jent	DESIGNED - BR	REVISED -
	DRAWN - BR	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2016	DATE - 03-13-2016	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL  
AMSTUTZ EXPRESSWAY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2015-062I	LAKE	109	82
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				

FILE NAME = Q:\Engineering\LiveProjects\13016 IDOT DURN\3016a-W0 5 Contract No. 62B29\CAADD\CAOD\CAOD Sheets\Civil\162B29-shr-Tree Removal Schedule-Amstutz.dgn

TREE REMOVAL SCHEDULE - LEFT					
TREE NO.	STATION	OFFSET (FT)	REMOVAL > 15"	REMOVAL 6"-15"	REMOVAL < 6"
725A	166+27.72	97.61		7.0	
726A	166+27.73	97.61		6.0	
727A	166+28.30	101.28		8.0	
729A	166+38.81	95.11		7.0	
734A	166+81.39	89.20		8.5	
735A	166+84.75	90.59		7.0	
737A	167+09.77	103.10		21.5	
772A	168+38.47	95.59		14.0	17.0
847A	173+13.07	77.02		12.0	
863A	174+4.18	80.07		7.5	
865A	174+14.49	81.82		9.0	
868A	174+24.10	82.76		25.0	
873A	174+43.04	80.60		15.0	
880A	174+76.14	80.06	19.0	10.0	
888A	175+2.90	85.15	17.0		
892A	175+12.23	78.25		12.5	
910A	176+12.25	70.96	21.0		
947A	177+72.39	86.57		6.0	
953A	177+82.41	76.15		7.0	
954A	177+84.03	82.06		6.0	
956A	177+88.26	78.22		6.0	
957A	177+93.43	76.62		6.0	4.0
960A	178+15.63	76.99		19.0	
963A	178+21.78	74.51		6.0	4.0
965A	178+25.96	75.98		6.0	3.5
968A	178+47.86	76.21		27.5	
970A	178+52.49	75.83		9.0	4.0
1070A	183+14.92	70.47		26.5	
1074A	183+24.64	71.71		8.0	5.0
1078A	183+32.61	70.58		12.0	5.0
1199A	185+27.55	84.11		14.0	8.5
1318A	188+19.43	80.40		12.0	
1319A	188+21.44	76.49		18.0	
1325A	188+52.04	81.08		36.0	
1338A	189+83.12	70.68	34.0		
1339A	189+84.25	79.03		8.0	
1343A	190+2.95	76.77		14.0	
1348A	190+16.71	79.45		14.0	
1350A	190+20.94	70.89		6.0	
1351A	190+24.96	72.14		8.5	
1352A	190+29.47	73.00		14.0	
1353A	190+38.18	72.37		20.0	
1357A	190+44.84	71.44		23.0	
1359A	190+55.08	76.58		10.0	
1360A	190+58.66	74.96		11.0	
1361A	190+60.27	74.70		10.0	
1362A	190+63.66	73.77		10.0	
1364A	190+71.46	75.70		10.0	
1366A	190+76.26	77.47		10.0	
1372A	190+96.54	72.16		12.0	
1374A	191+11.95	75.37		9.0	
1375A	191+12.26	67.54	16.0	13.0	
1376A	191+13.55	74.12		7.5	

TREE REMOVAL SCHEDULE - LEFT					
TREE NO.	STATION	OFFSET (FT)	REMOVAL > 15"	REMOVAL 6"-15"	REMOVAL < 6"
1377A	191+13.91	76.39		20.0	
1378A	191+16.16	75.88		6.0	
1379A	191+17.70	74.69		12.5	
1380A	191+20.66	73.73		20.5	
1381A	191+22.83	79.70		7.5	
1383A	191+25.75	74.70		11.5	
1386A	191+34.21	77.02		8.0	
1387A	191+35.02	73.68		12.0	
1388A	191+41.80	75.97		7.0	
1390A	191+42.16	79.78		25.0	
1392A	191+45.61	85.51		10.0	
1393A	191+47.10	76.07		7.0	
1394A	191+79.61	85.16		7.5	
1395A	191+52.37	74.07		8.0	
1397A	191+53.22	79.25		7.5	
1399A	191+54.18	73.94		11.0	
1401A	191+67.67	86.19		6.0	
1402A	191+72.52	88.81		6.0	
1403A	191+77.02	84.94		9.0	
1404A	191+86.16	84.48		16.0	
1405A	191+87.48	91.01		17.0	4.0
1406A	191+89.26	84.39		6.0	
1408A	191+98.26	89.32		7.5	
1409A	192+3.83	90.51		7.0	
1410A	192+8.58	86.84		6.0	
1411A	192+8.58	86.85		6.0	
1415A	192+19.80	92.27		9.0	
1416A	192+23.96	93.46		12.0	
1431A	194+12.11	72.15		6.0	
1432A	194+19.38	67.78		6.0	
1568A	219+14.08	123.75		7.5	
1633A	229+10.67	139.30		8.0	
LEFT OFFSET TOTAL			146.0	1881.0	112.0



Zim Group, LLC  
118 South Clinton Street  
Suite 300  
Chicago, IL 60661

USER NAME = jent	DESIGNED - BR	REVISED -
	DRAWN - BR	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 5/13/2016	DATE - 03-13-2016	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL  
AMSTUTZ EXPRESSWAY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2015-062I	LAKE	109	83
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				



TREE REMOVAL SCHEDULE - RIGHT					
TREE NO.	STATION	OFFSET (FT)	REMOVAL > 15"	REMOVAL 6"-15"	REMOVAL < 6"
13A	109+13.72	63.04		6.0	
14A	109+37.64	113.26		11.0	5.0
22A	109+99.56	122.46		6.0	
25A	110+22.55	68.03		11.0	
27A	111+48.59	54.51		20.0	4.0
29A	112+10.00	47.13		10.0	
156A	134+53.63	81.98		8.5	
233A	143+49.85	83.35		11.0	
236A	143+68.56	92.08		14.0	9.5
239A	143+97.73	88.01		7.5	11.0
242A	144+2.75	91.77		10.0	5.0
262A	145+53.71	119.20	15.5	17.0	11.0
264A	145+95.97	113.67		14.5	
268A	146+41.44	119.89		8.5	
277A	146+74.58	120.45		13.5	
300A	148+9.73	141.55		8.0	
302A	148+30.44	147.89		9.0	
306A	148+36.48	143.58		9.5	
307A	148+42.74	145.08		6.0	5.0
308A	148+47.24	148.13		8.0	4.0
351A	153+2.70	116.10		22.0	
352A	153+7.31	116.72		9.0	5.5
362A	154+47.12	79.69	16.0		
403A	155+74.75	87.54		7.5	
409A	155+81.14	87.12		8.5	
463A	158+94.62	136.21		6.0	
834A	172+13.20	142.69		7.0	
882A	174+87.77	99.01		7.0	5.5
889A	175+07.21	126.12		10.0	
899A	175+47.75	136.06		12.0	
911A	176+13.22	114.23		7.5	
912A	176+22.04	126.04		7.5	
913A	176+24.01	123.46		8.0	
914A	176+29.57	132.90		7.0	
918A	176+31.74	109.78		6.5	
919A	176+33.18	136.60		6.0	5.5
920A	176+33.82	106.59		6.5	
921A	176+34.12	106.85		6.0	
922A	176+38.00	103.11		7.5	
924A	176+43.51	100.52		6.0	
925A	176+43.78	102.31		14.5	
926A	176+59.12	134.06		10.0	
929A	176+68.38	122.29		7.0	
931A	176+74.34	115.30		7.5	
932A	176+79.48	112.70		6.5	
934A	176+85.27	108.41		9.0	
939A	177+28.39	139.96		7.0	
940A	177+33.55	110.70		10.0	
942A	177+37.24	117.24		10.5	
944A	177+53.70	149.68		7.0	
945A	177+57.56	127.40		14.0	
946A	177+64.93	98.75		24.5	
949A	177+74.94	102.69		26.0	

TREE REMOVAL SCHEDULE - RIGHT					
TREE NO.	STATION	OFFSET (FT)	REMOVAL > 15"	REMOVAL 6"-15"	REMOVAL < 6"
952A	177+81.31	135.28		10.0	
958A	178+02.45	96.32		13.5	
961A	178+20.85	108.02		9.0	
962A	178+21.25	124.54		7.0	
964A	178+22.70	98.30		6.5	
966A	178+40.50	123.79		14.0	
967A	178+40.88	96.87		11.0	
975A	178+74.53	97.30		13.0	
981A	178+90.31	102.86		8.0	
986A	179+21.70	78.45		8.0	
988A	179+25.69	100.20		8.0	
991A	179+47.76	97.16		10.0	
993A	179+66.87	95.63		17.0	
995A	179+78.79	97.78		15.0	
999A	180+00.00	93.74		6.5	
1002A	180+09.25	106.38		11.0	
1004A	180+17.90	128.54		8.5	
1008A	180+22.81	114.60		7.5	
1010A	180+24.39	118.27		8.5	
1011A	180+26.20	115.30		8.0	
1015A	180+53.55	102.33		6.0	
1016A	180+63.06	110.12	19.0		
1018A	180+75.41	95.32		32.5	
1023A	180+88.04	92.12		14.0	
1024A	180+88.86	131.40		6.5	
1025A	180+89.55	132.93		6.5	
1026A	180+90.18	90.65		14.0	
1027A	180+96.71	93.31		18.0	
1031A	181+00.11	125.50	19.0		
1034A	181+39.33	93.12		23.0	
1040A	181+47.12	94.26		24.0	
1041A	181+64.72	109.89	22.0		
1044A	182+20.90	133.04		6.5	
1045A	182+22.02	139.58	19.0	13.0	
1046A	182+22.62	133.07	19.0		
1058A	182+86.56	140.62		7.5	
1072A	183+15.24	117.51		7.5	
1079A	183+34.04	89.67		13.0	
1080A	183+37.81	90.09		8.5	
1082A	183+40.63	80.14		7.0	
1084A	183+41.93	90.18		8.5	
1091A	183+63.18	91.11	25.0	9.0	
1103A	183+85.66	110.25		6.0	
1120A	184+27.44	96.88		6.0	4.0
1130A	184+40.71	102.94		8.5	
1139A	184+55.69	90.26		6.0	
1155A	184+76.10	90.17		6.5	
1156A	184+76.46	87.82		8.5	
1180A	185+16.23	87.50		7.5	
1259A	186+54.03	72.53		6.0	
1262A	186+56.64	110.95		15.0	
1274A	186+73.36	117.36		13.0	
1290A	187+13.49	108.62		7.0	

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 DESIGNED - BR  
 DRAWN - BR  
 CHECKED -  
 DATE - 03-13-2016

REVISOR -  
 REVISIONS -  
 REVISIONS -  
 REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

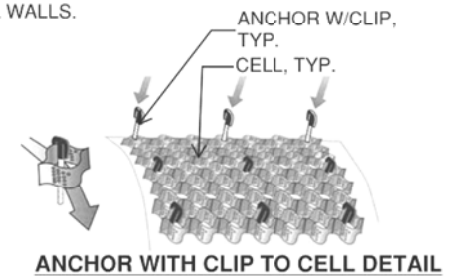
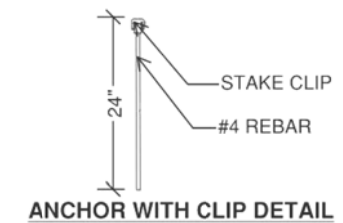
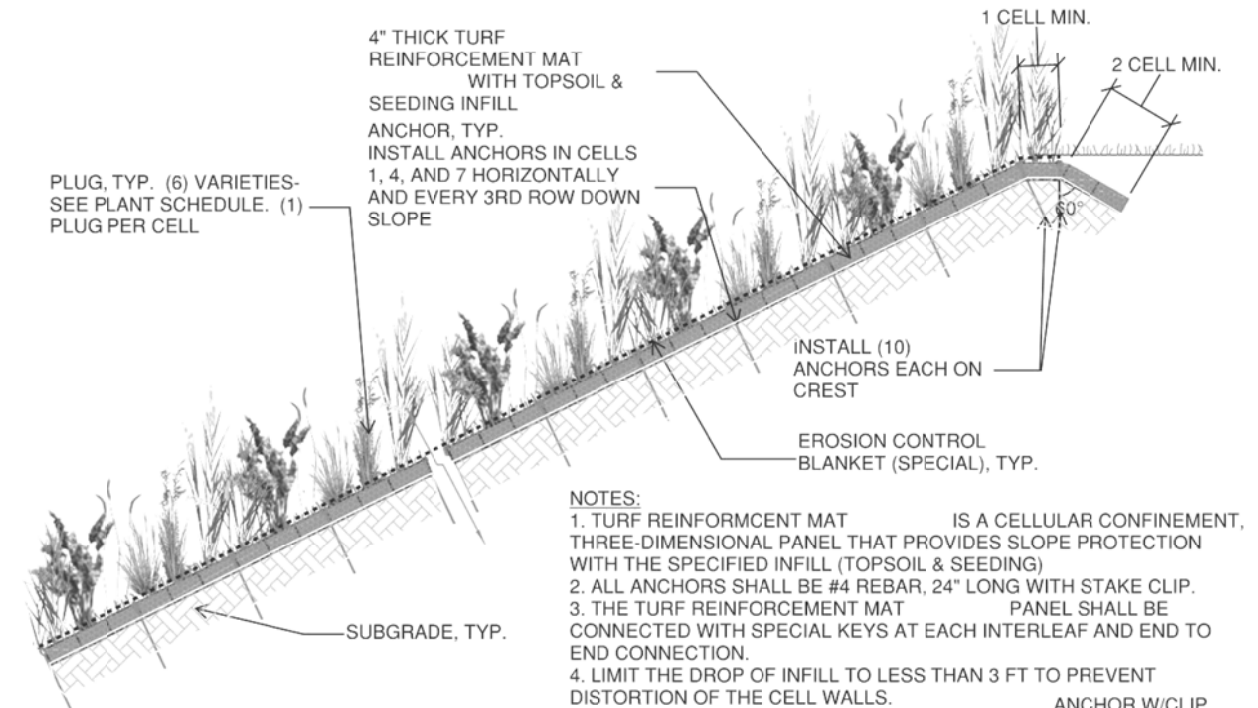
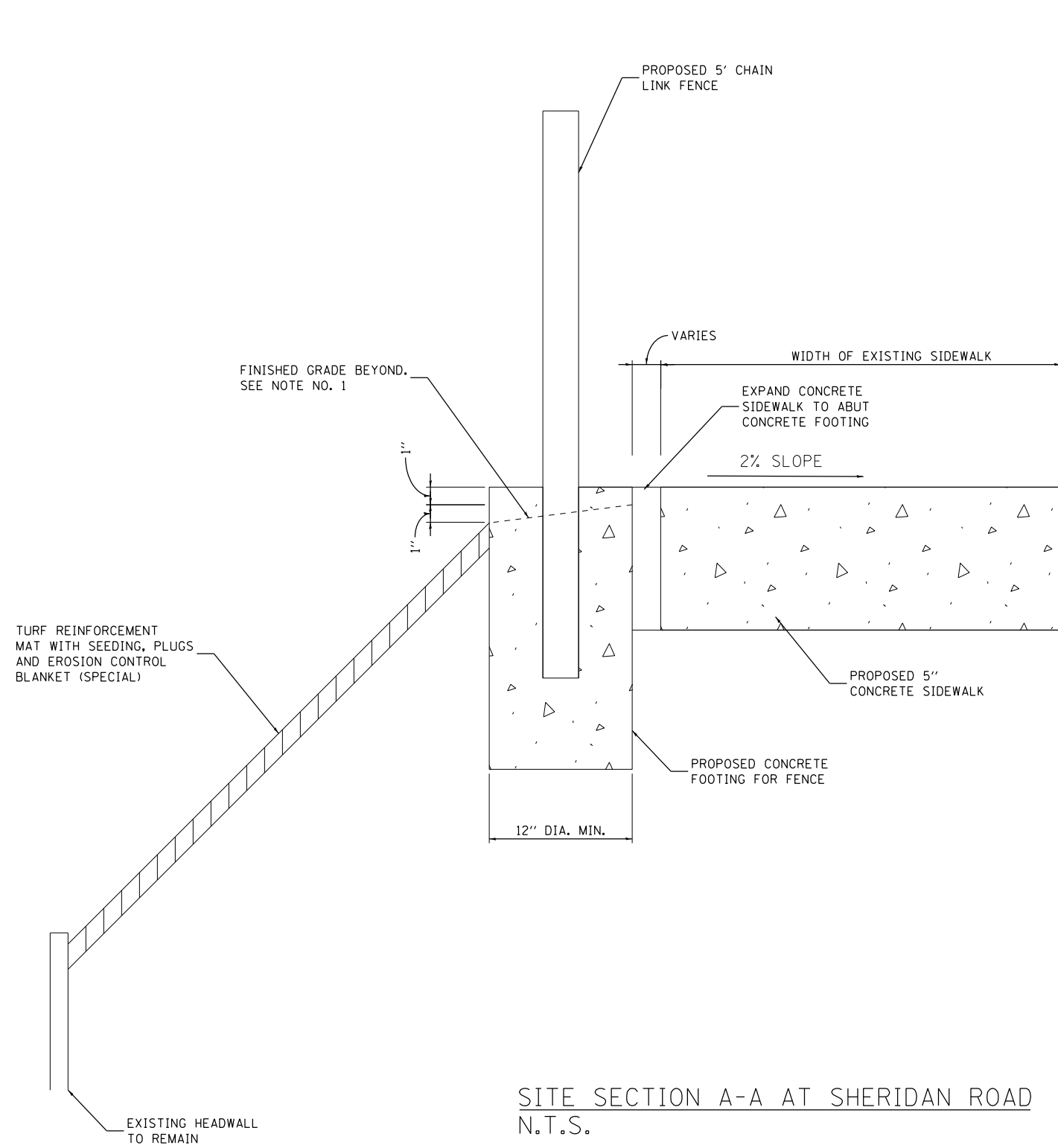
TREE REMOVAL  
 AMSTUTZ EXPRESSWAY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2015-062I	LAKE	109	84
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				



FILE NAME = G:\Engineering\LiveProjects\13016 IDOT DURN\3016a-W0 5 Contract No. 62B29\CAADD\CADD Sheets\Civil\162829-ant-Sheridan Detail.dgn



PLANTING DETAIL WITH TURF REINFORCEMENT MAT  
N.T.S.

- NOTES:
- CONTRACTOR SHALL PROVIDE A "CREST" AREA WITH MAX. 20% SLOPE FROM THE EDGE OF SIDEWALK TO THE FAR EDGE OF FOOTING.
  - CONTRACTOR SHALL COORDINATE CONCRETE FOOTING INSTALLATION TO ENSURE SUFFICIENT EMBEDMENT OF FOOTING FOR FROST PROTECTION.



USER NAME = jent	DESIGNED - BR	REVISED -
	DRAWN - BR	REVISED -
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PLOT DATE = 5/13/2016	DATE - 05-13-2016	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

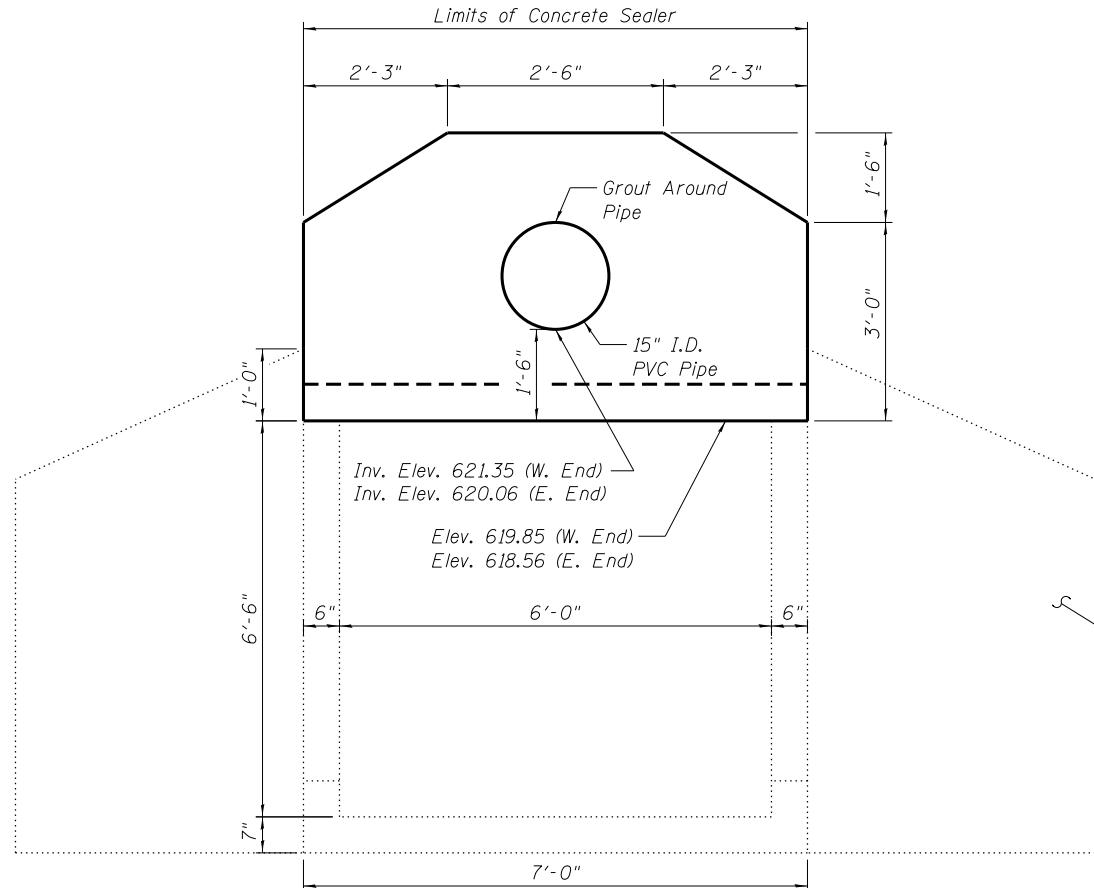
PROPOSED LANDSCAPE /SITE DETAILS	
BELVIDERE STREET AND SHERIDAN ROAD	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1225	2015-0621	LAKE	109	86
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				

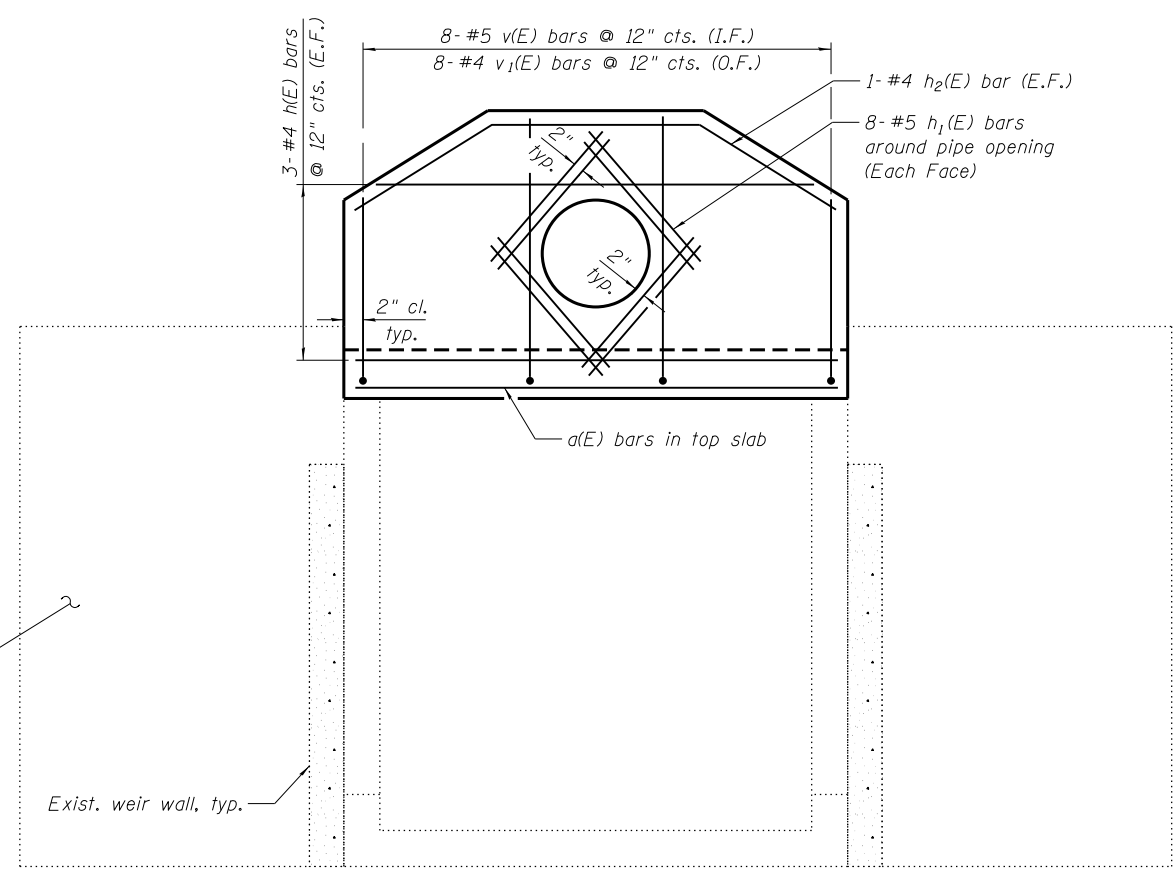




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**PROPOSED EAST END OF THE CULVERT**  
(Showing Dimensions)



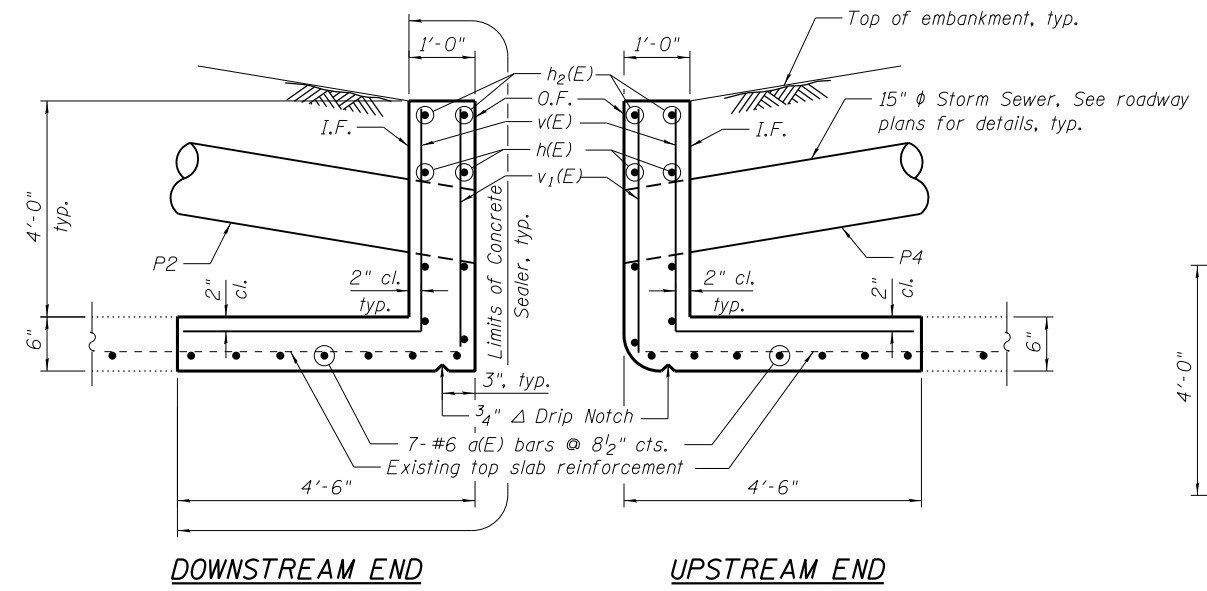
**PROPOSED WEST END OF THE CULVERT**  
(Showing Reinforcement)

**DESIGN SPECIFICATIONS**  
2014 AASHTO LRFD Bridge Design Specifications, 7th Edition with 2015 Interims

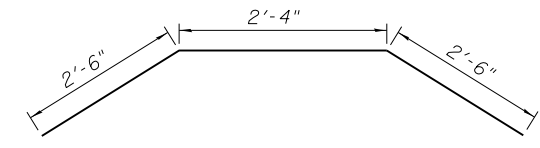
**DESIGN STRESSES**  
FIELD UNITS

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

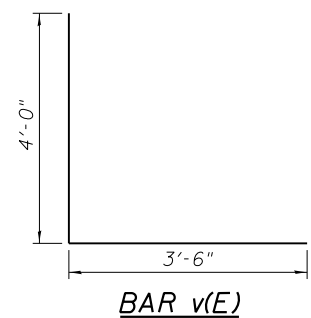
O.F. = Outside Face  
I.F. = Inside Face  
E.F. = Each Face



**DOWNSTREAM END**      **UPSTREAM END**



**BAR  $h_2(E)$**   
(Bent in field)



**BAR  $v(E)$**

**NOTES**

1. Reinforcement bars designated (E) shall be epoxy coated.
2.  $h(E)$ ,  $v(E)$  and  $v_1(E)$  bars shall be adjusted or cut as approved by the engineer.
3. Exposed concrete edges shall have a  $3/4$ " chamfer unless otherwise noted.
4. Fan  $a(E)$  bars in top slab to fit the skew.
5. Concrete Sealer shall be applied to new concrete on the east and west end of the culvert as shown on the plans.
6. See Sheet 2 of 4 for Concrete Removal and Structural Repair of Concrete details.

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
$a(E)$	14	#6	6'-8"	—
$h(E)$	12	#4	6'-8"	—
$h_1(E)$	32	#5	2'-6"	—
$h_2(E)$	4	#4	7'-4"	∩
$v(E)$	16	#5	7'-6"	L
$v_1(E)$	16	#4	4'-2"	—
Concrete Structures			Cu. Yd.	2.9
Reinforcement Bars, Epoxy Coated			Pound	470
Concrete Sealer			Sq. Ft.	131



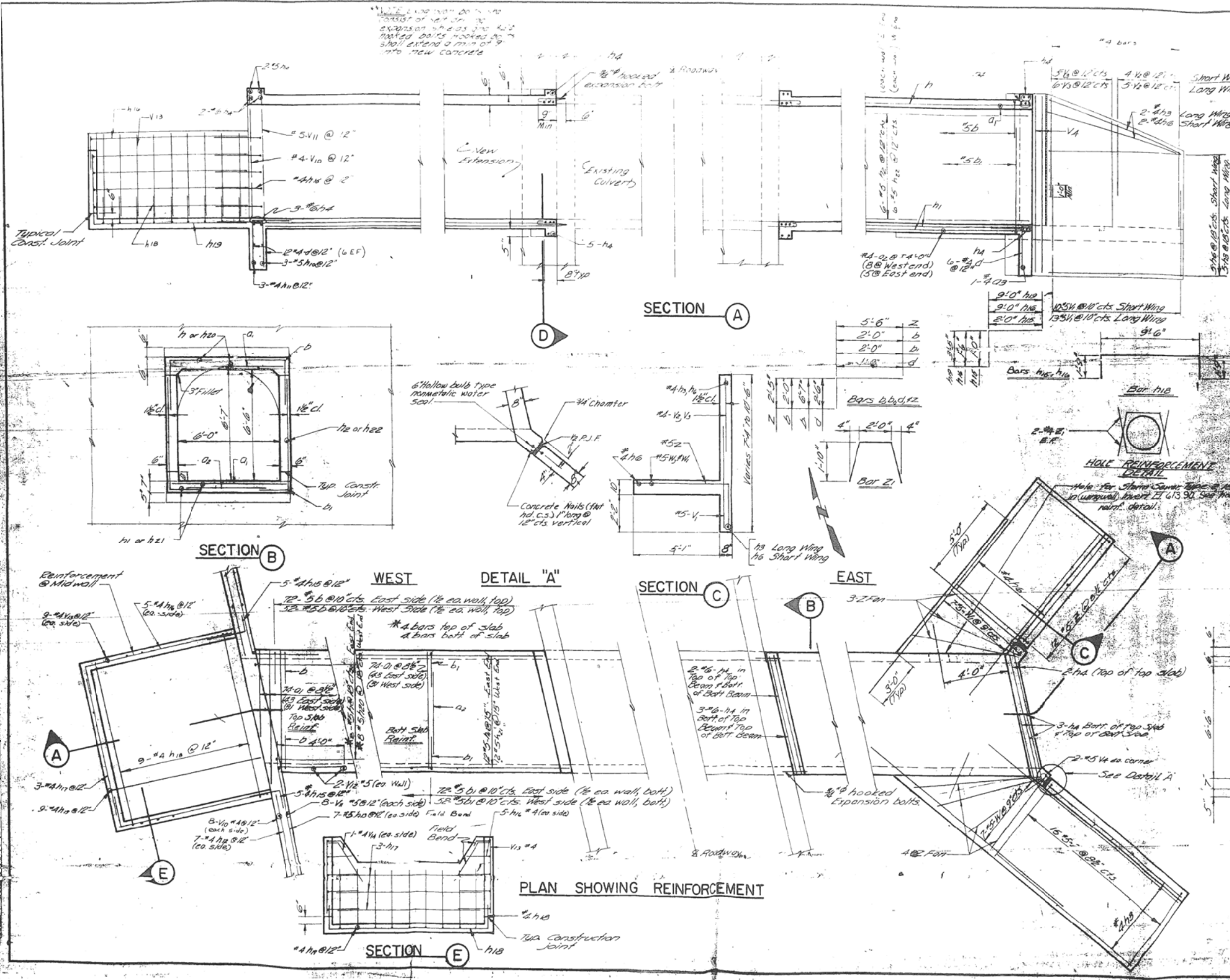
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	CHECKED - JMT	REVISED

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

**SHERIDAN CULVERT REPAIR DETAILS - II**  
**STRUCTURE NO. 049-0526**  
SHEET NO. 3 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1225	2015-0621	COOK	109	89
CONTRACT NO. 62B29				

ILLINOIS FED. AID PROJECT

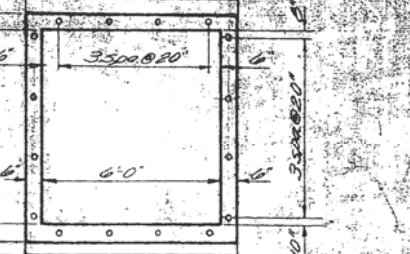


ROUTE NO.	SECTION	COUNTY
42	0621	COOK
STA.	1225	
FED. ROAD DIST. NO.	111	
* END (W/RS) MFT		

**BILL OF MATERIALS TOTAL**

BAR NO.	NO.	SIZE	LENGTH
a <sub>1</sub>	148	#6	6'-8"
a <sub>2</sub>	13	#4	3'-7"
a <sub>3</sub>	1	#4	5'-8"
b	124	#5	4'-0"
b	124	#5	8'-7"
d	18	#4	2'-3"
h	8	#5	30'-10"
h <sub>10</sub>	8	#5	22'-6"
h <sub>11</sub>	12	#5	30'-10"
h <sub>12</sub>	12	#5	22'-6"
h <sub>13</sub>	12	#5	30'-10"
h <sub>14</sub>	9	#4	10'-0"
h <sub>15</sub>	31	#6	6'-0"
h <sub>16</sub>	9	#4	7'-9"
h <sub>17</sub>	5	#5	20'-6"
h <sub>18</sub>	3	#4	20'-6"
h <sub>19</sub>	14	#4	7'-0"
h <sub>20</sub>	14	#5	11'-0"
h <sub>21</sub>	5	#5	20'-6"
h <sub>22</sub>	10	#4	3'-0"
h <sub>23</sub>	10	#4	10'-6"
h <sub>24</sub>	3	#4	9'-0"
h <sub>25</sub>	9	#4	12'-0"
h <sub>26</sub>	9	#4	12'-0"
h <sub>27</sub>	29	#5	5'-3"
h <sub>28</sub>	9	#4	4'-0"
h <sub>29</sub>	11	#4	8'-0"
h <sub>30</sub>	4	#5	10'-0"
h <sub>31</sub>	16	#4	10'-0"
h <sub>32</sub>	4	#5	10'-0"
h <sub>33</sub>	4	#5	7'-0"
h <sub>34</sub>	10	#4	2'-3"
h <sub>35</sub>	2	#4	3'-0"
h <sub>36</sub>	7	#5	4'-1"
h <sub>37</sub>	7	#5	12'-0"
h <sub>38</sub>	34	#5	7'-11"
h <sub>39</sub>	4	#4	5'-10"
Class X Concrete	Cu. Yds.	220	
Reinforcement Bars	Lbs.	2770	
Expansion bolts**	Eca	32	

The cost of furnishing & installing expansion bolts shall be considered incidental to the cost of class X concrete & no additional compensation shall be allowed.



**SECTION D**

**CONCRETE CULVERT DETAILS**  
A.R. STA 130+54  
SKETCH

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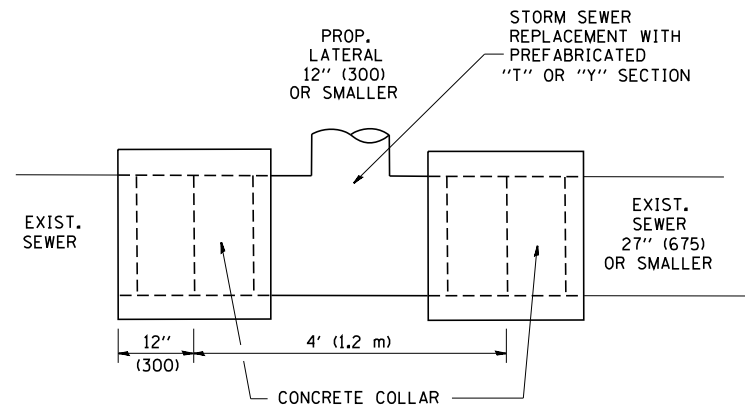


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

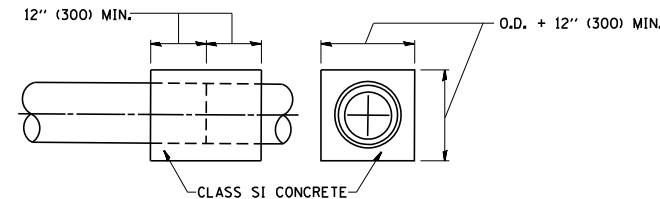
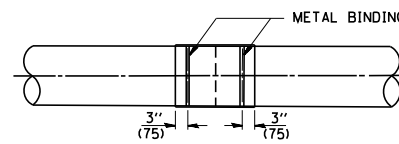
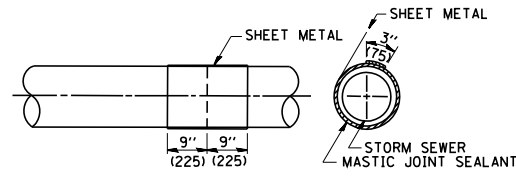
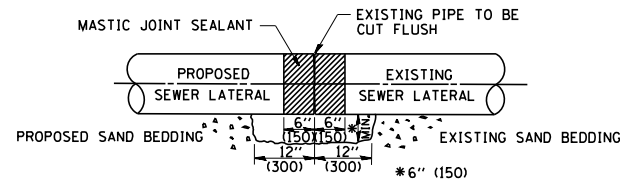
SHERIDAN EXISTING CULVERT DETAILS - FOR INFORMATION ONLY  
STRUCTURE NO. 049-0526  
SHEET NO. 4 OF 4 SHEETS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1225	2015-0621	COOK	109	90
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				



**DETAIL "A"**

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

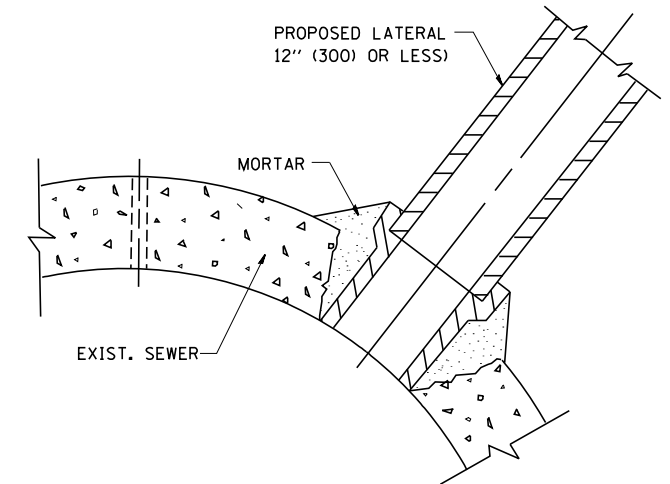


**DETAIL "B"**

CLASS SI CONCRETE COLLAR

**CONSTRUCTION SEQUENCE**

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



**DETAIL "C"**

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

**NOTES**

**MATERIAL**

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

**CONSTRUCTION METHODS**

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

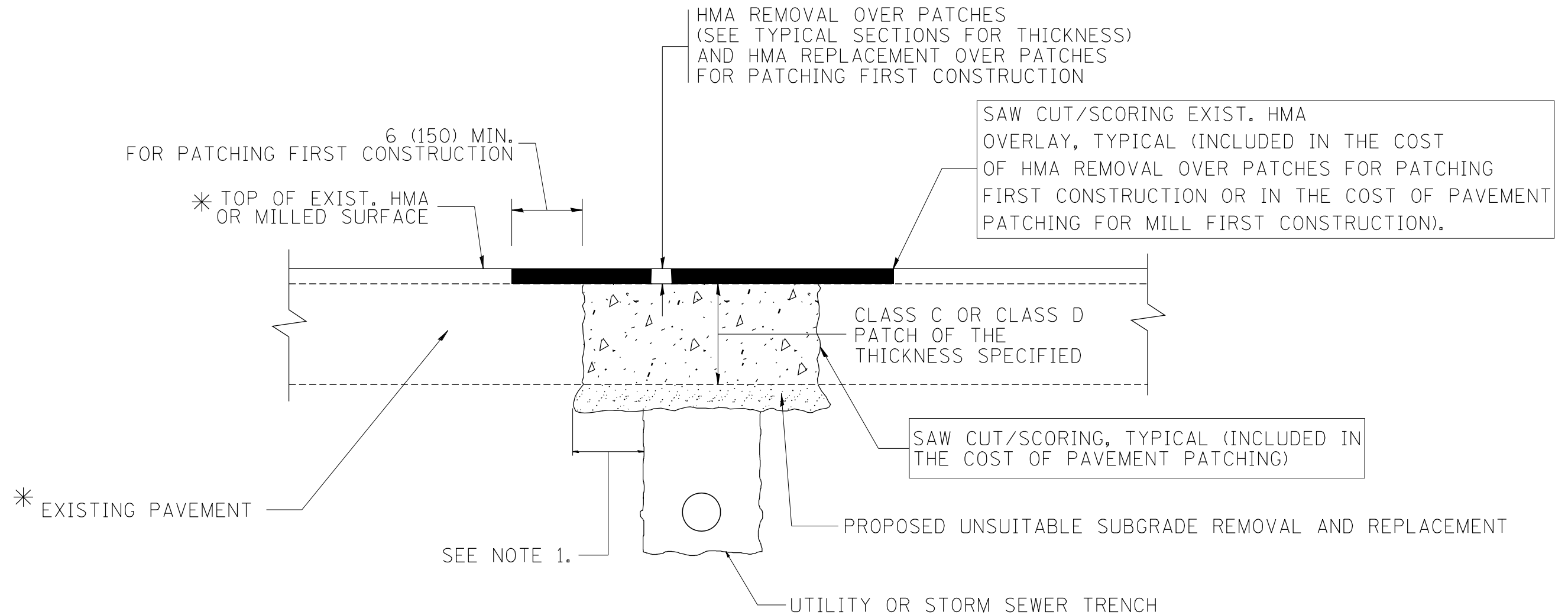
CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

\*FAP 352 Sheridan Rd/Amstutz  
FAU 1225 (Belvidere)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = gaglionobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER</b>			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE - 07-25-90	REVISED - R. SHAH 06-12-96							FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT		





\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

\*FAP 352 Sheridan Rd/Amstutz  
FAU 1225 (Belvidere)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

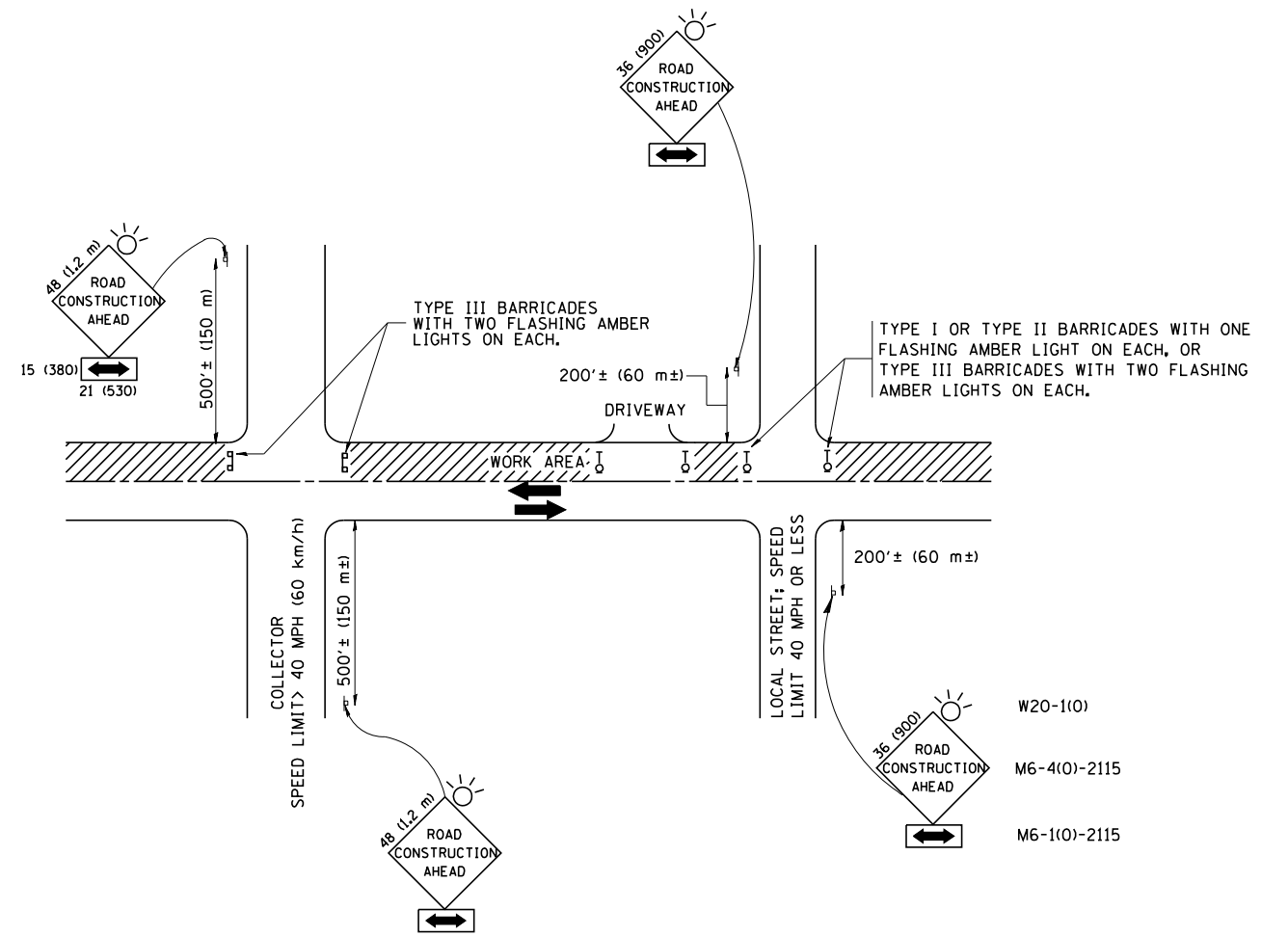
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		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2015-0621	LAKE	109	92
<b>BD400-04 (BD-22)</b>			CONTRACT NO. 62B29	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

\*FAP 352 Sheridan Rd/Amstutz  
FAU 1225 (Belvidere)

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

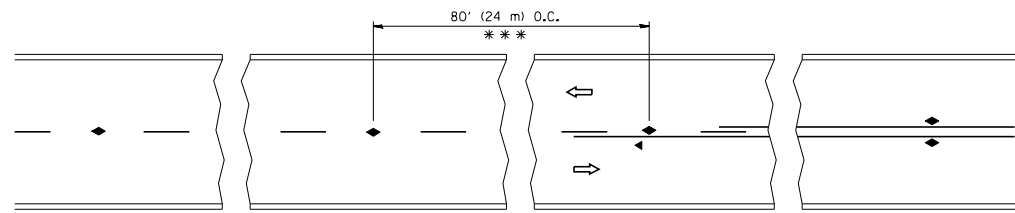
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACH 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

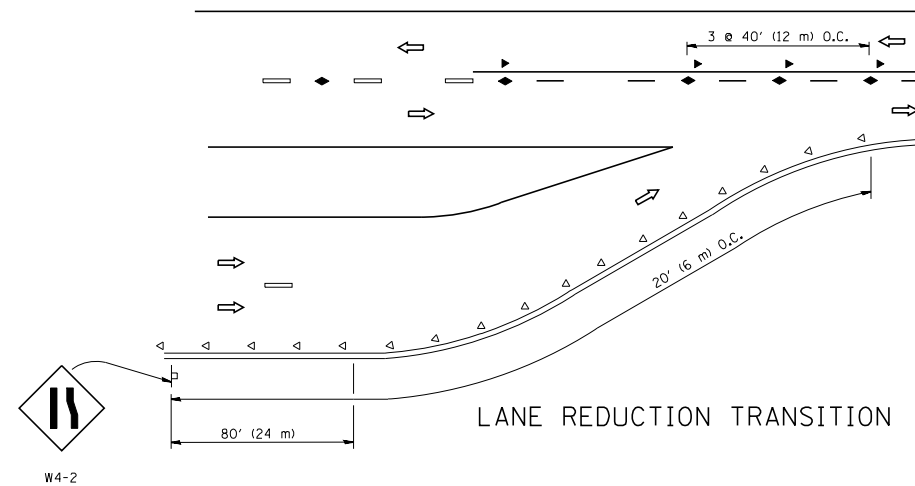
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TC-10</b>			CONTRACT NO. 62B29	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

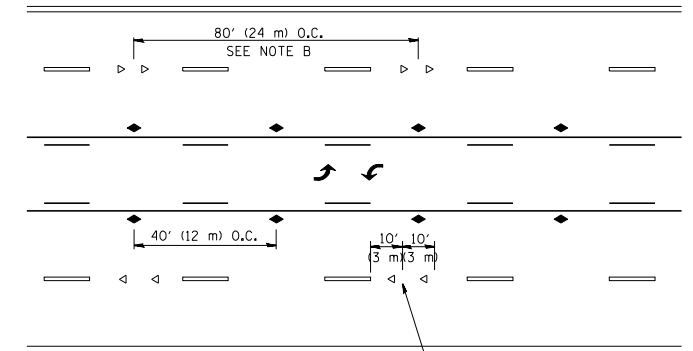


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

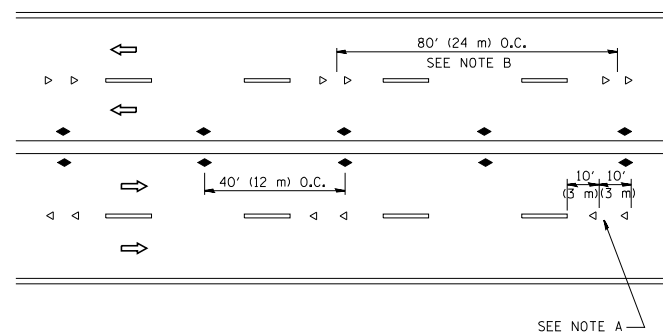
TWO-LANE/TWO-WAY



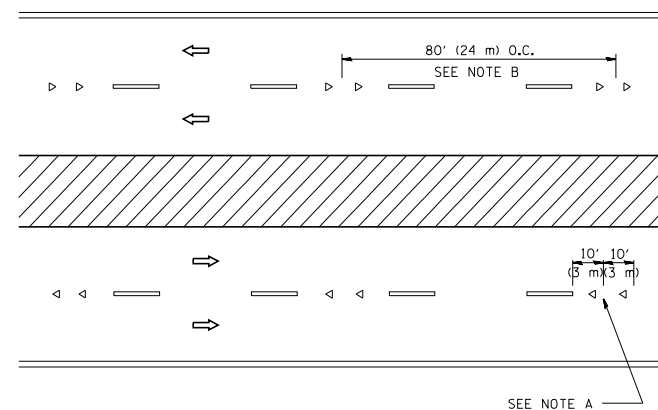
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

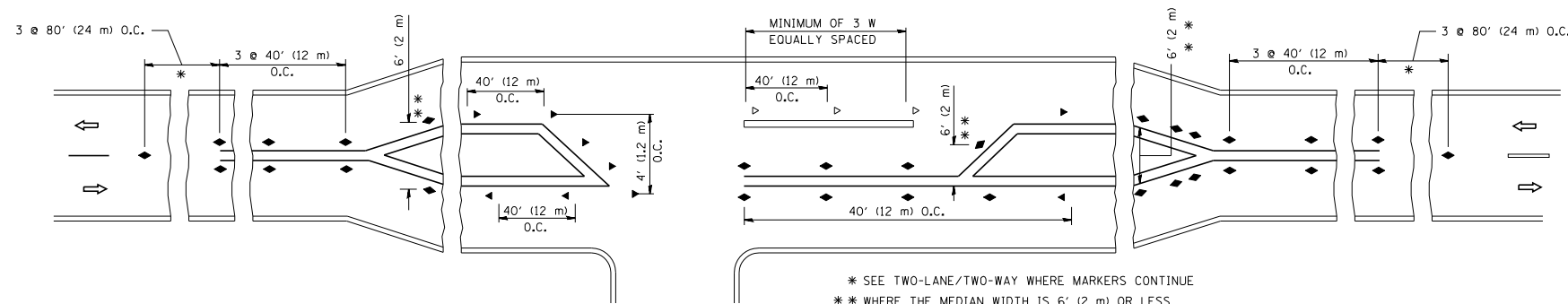
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
 \*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

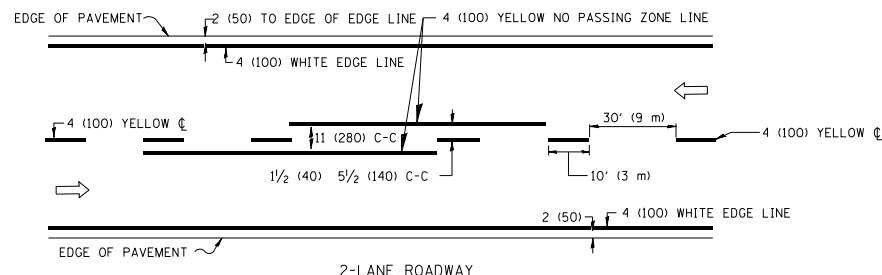
\*FAP 352 Sheridan Rd/Amstutz  
 FAU 1225 (Belvidere)  
 All dimensions are in inches (millimeters) unless otherwise shown.

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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09

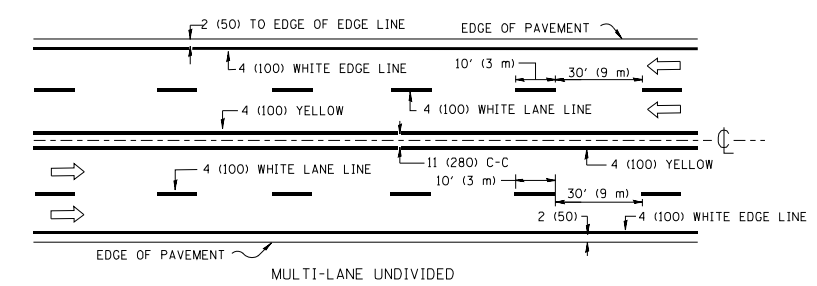
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

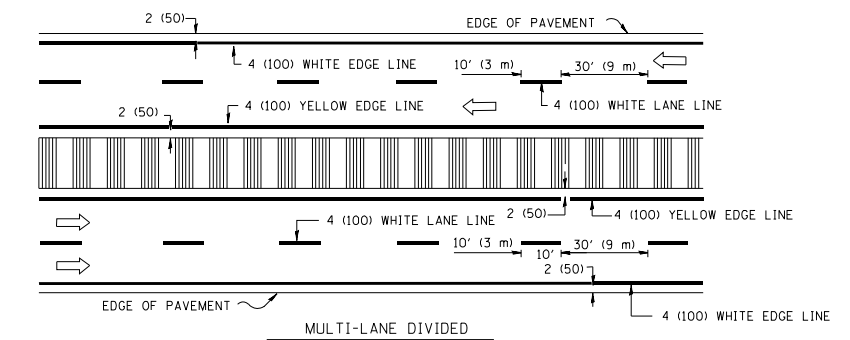
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2015-0621	LAKE	109	94
TC-11		CONTRACT NO. 62B29		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY



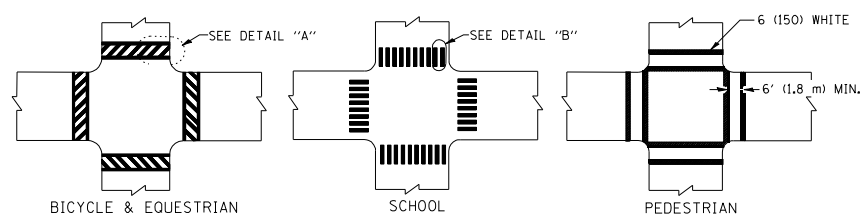
MULTI-LANE UNDIVIDED



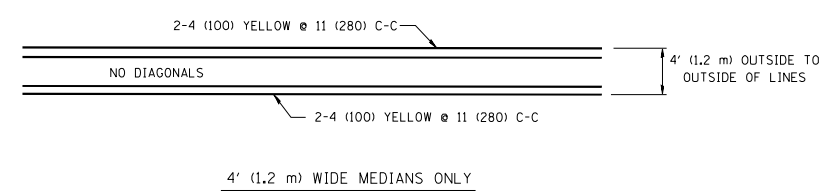
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

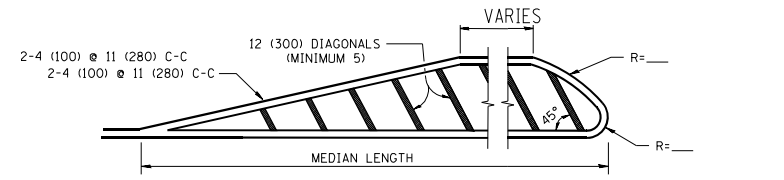
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



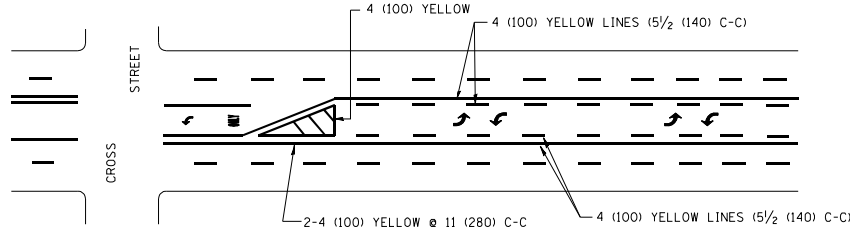
4' (1.2 m) WIDE MEDIANS ONLY



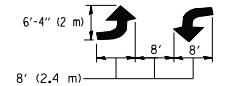
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

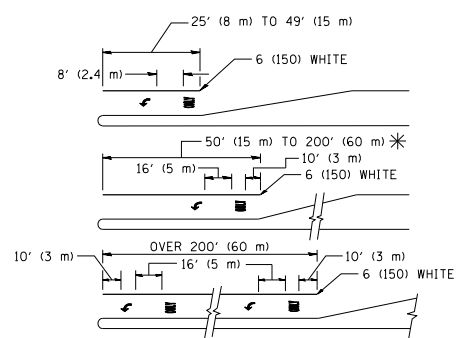


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

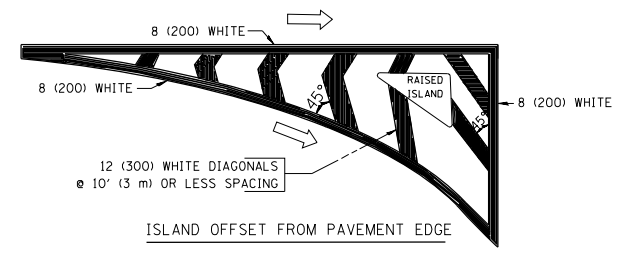


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

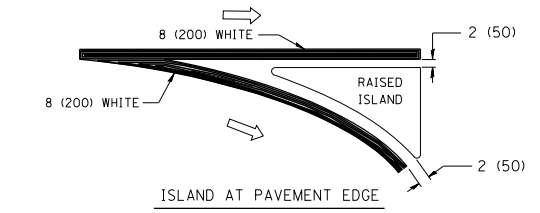
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
LANE LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	5 (125) ON FREEWAYS	SKIP-DASH	WHITE	
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
TWO WAY LEFT TURN MARKING	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
CROSSWALK LINES (BICYCLE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
CROSSWALK LINES (LONGITUDINAL BARS (SCHOOL))	12 (300) @ 90°	SOLID	WHITE	2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS				
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "RR"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

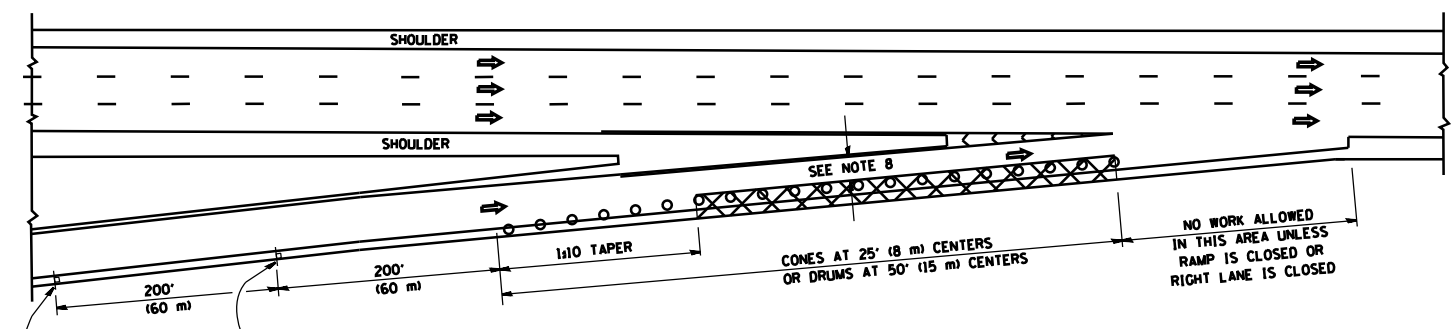
DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2015-0621	LAKE	109	95
TC-13		CONTRACT NO. 62B29		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

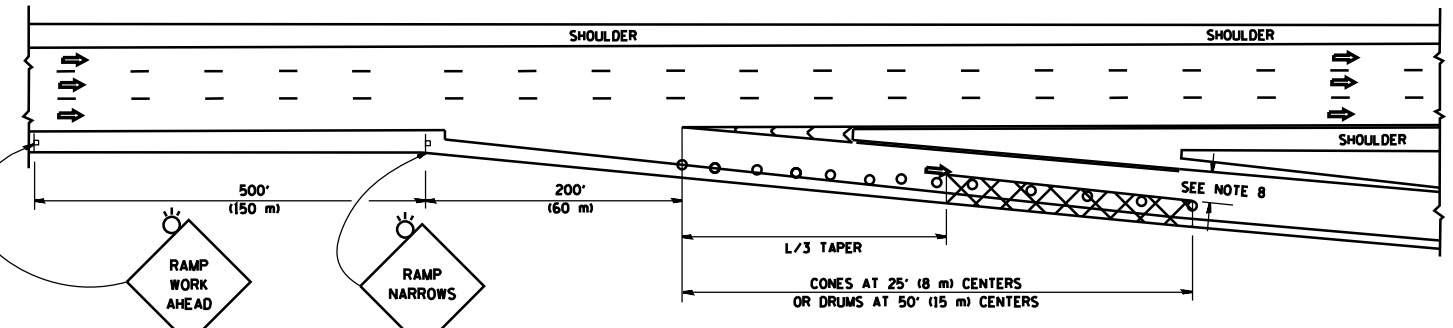
\*FAP 352 Sheridan Rd/Amstutz  
FAU 1225 (Belvidere)

**PARTIAL RAMP CLOSURE DETAILS**

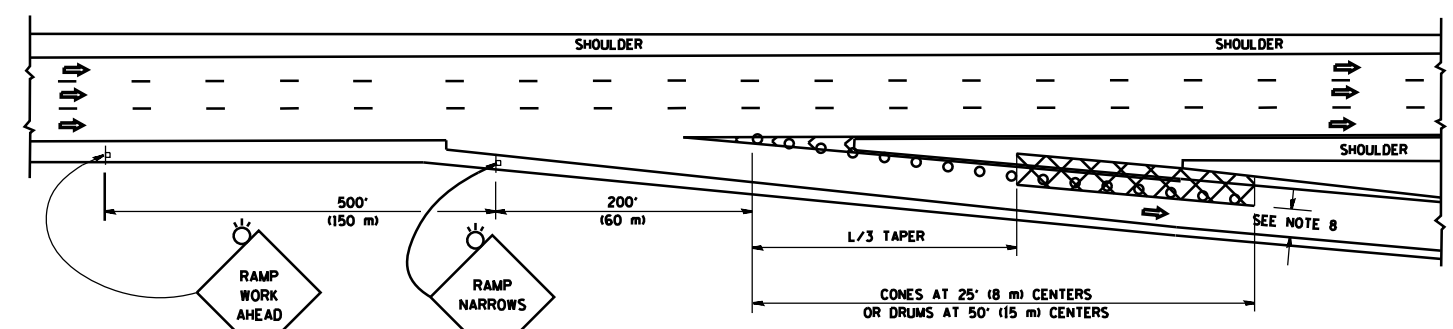
**SHOULDER CLOSURE DETAILS**



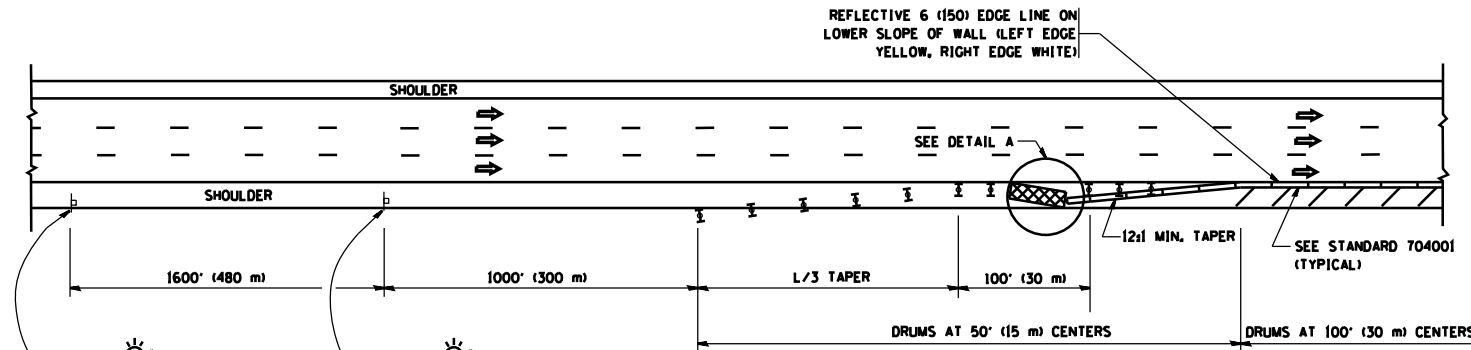
**TYPICAL ENTRANCE RAMP**



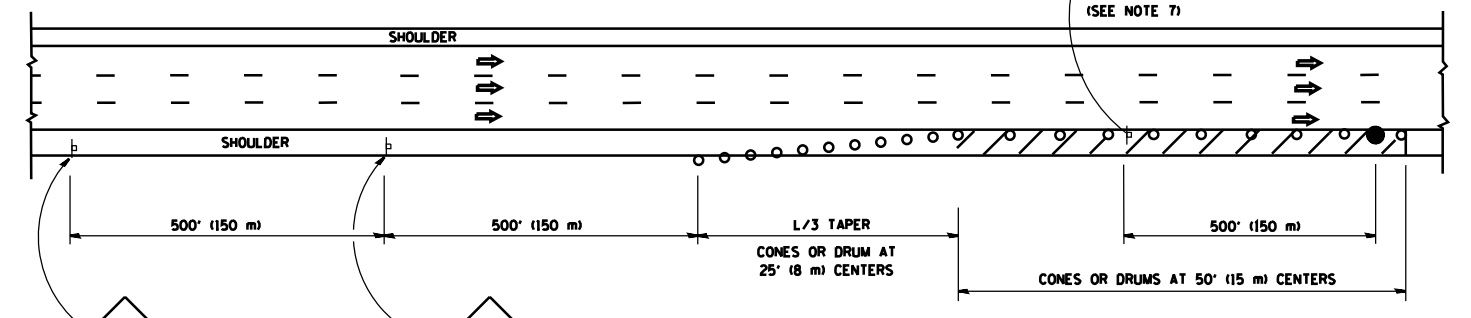
**TYPICAL EXIT RAMP**



**TYPICAL EXIT RAMP**



**PERMANENT SHOULDER CLOSURE**



**DAYTIME SHOULDER CLOSURE**

**SYMBOLS**

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

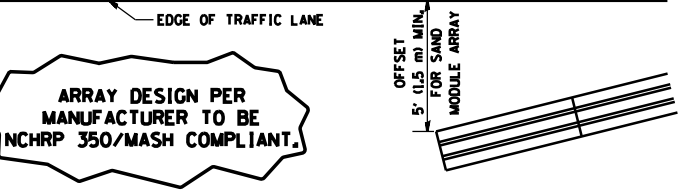
**GENERAL NOTES**

1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC    ENGLISH
	$L = 0.65(WNS)$ $L = (WNS)$

W = WIDTH OF OFFSET IN FEET (METERS)  
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

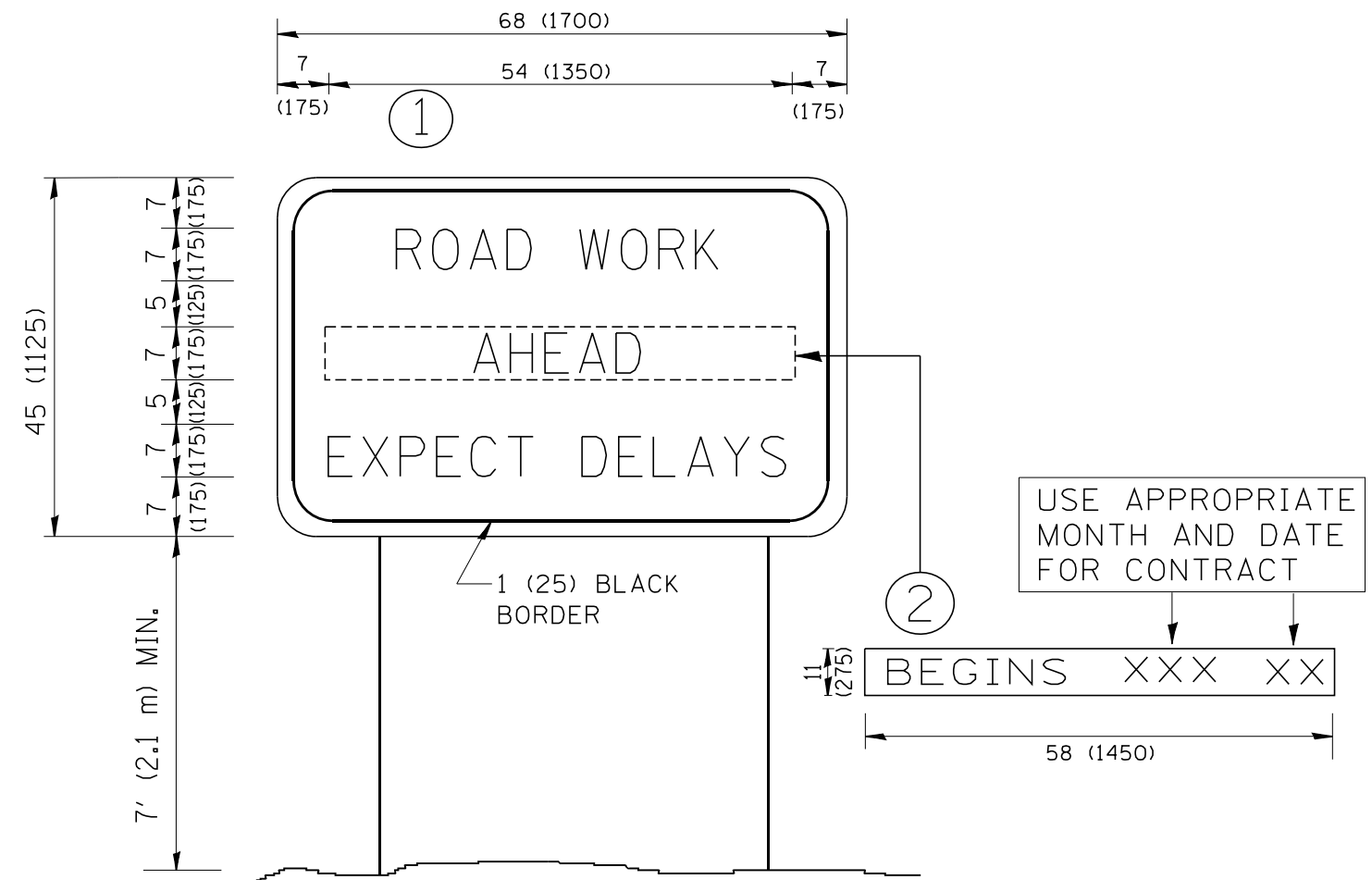
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION  
16' MIN. WIDTH CURVE SECTION.



**DETAIL "A"  
IMPACT ATTENUATOR, TEMPORARY  
(SEE NOTE 5)**

\*FAP 352 Sheridan Rd/Amstutz  
FAU 1225 (Belvidere)  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = lveysa	DESIGNED -	REVISED - J.A.F. 12-06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\lveysa\d0188315\c17.dgn		DRAWN - D.W.S.	REVISED - S.P.B. 01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2015-0621	LAKE	109	96
		CHECKED -	REVISED - S.P.B. 12-09						TC-17	CONTRACT NO.	62B29	
		DATE - 11-96	REVISED - M.D. 06-13						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

\*FAP 352 Sheridan Rd/Amstutz  
FAU 1225 (Belvidere)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

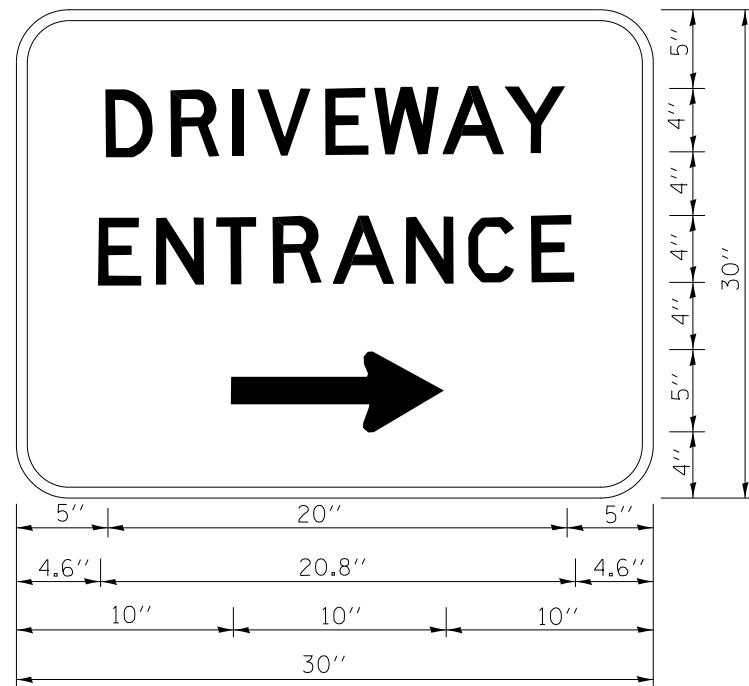
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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2015-0621	LAKE	109	97
TC-22			CONTRACT NO. 62B29	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE  
 PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN)  
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY  
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE  
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

\*FAP 352 Sheridan Rd/Amstutz  
 FAU 1225 (Belvidere)

FILE NAME =	USER NAME = gegl1enobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ct:\pw\work\p1dot\gagl1enobt\d0108315\to26.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

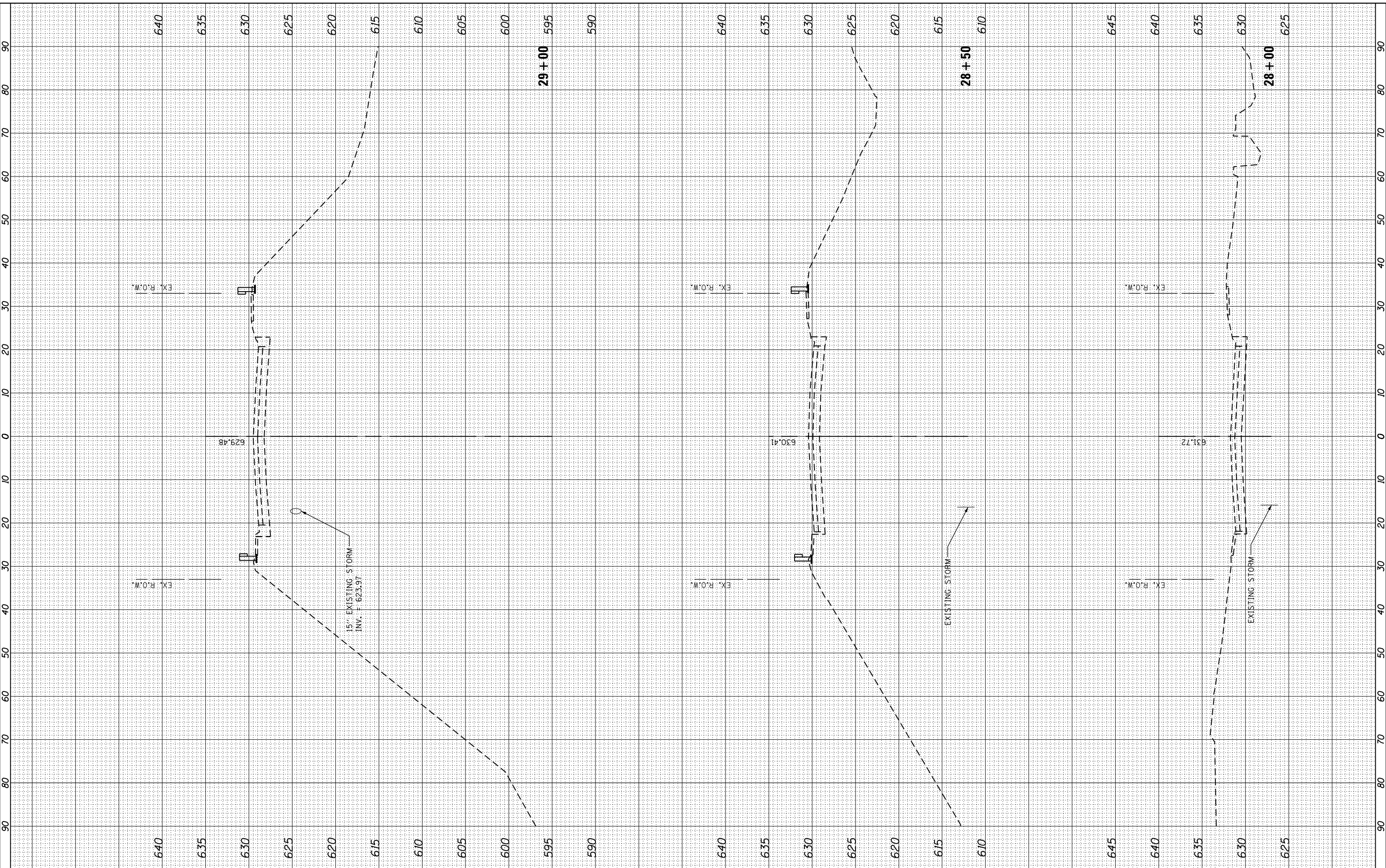
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2015-0621	LAKE	109	98
<b>TC-26</b>		<b>CONTRACT NO. 62B29</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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USER NAME = johnn	DESIGNED - IE	REVISIONS
PLOT SCALE = 20.0000' / in.	DRAWN - IE	REVISIONS
PLOT DATE = 5/13/2016	CHECKED - TGM	REVISIONS
	DATE - 05-13-2016	REVISIONS

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
BELVIDERE STREET**

SCALE: SHEET OF SHEETS STA. 28+00 TO STA. 29+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1225	2015-0621	LAKE	109	99
CONTRACT NO. 62B29				

ILLINOIS FED. AID PROJECT

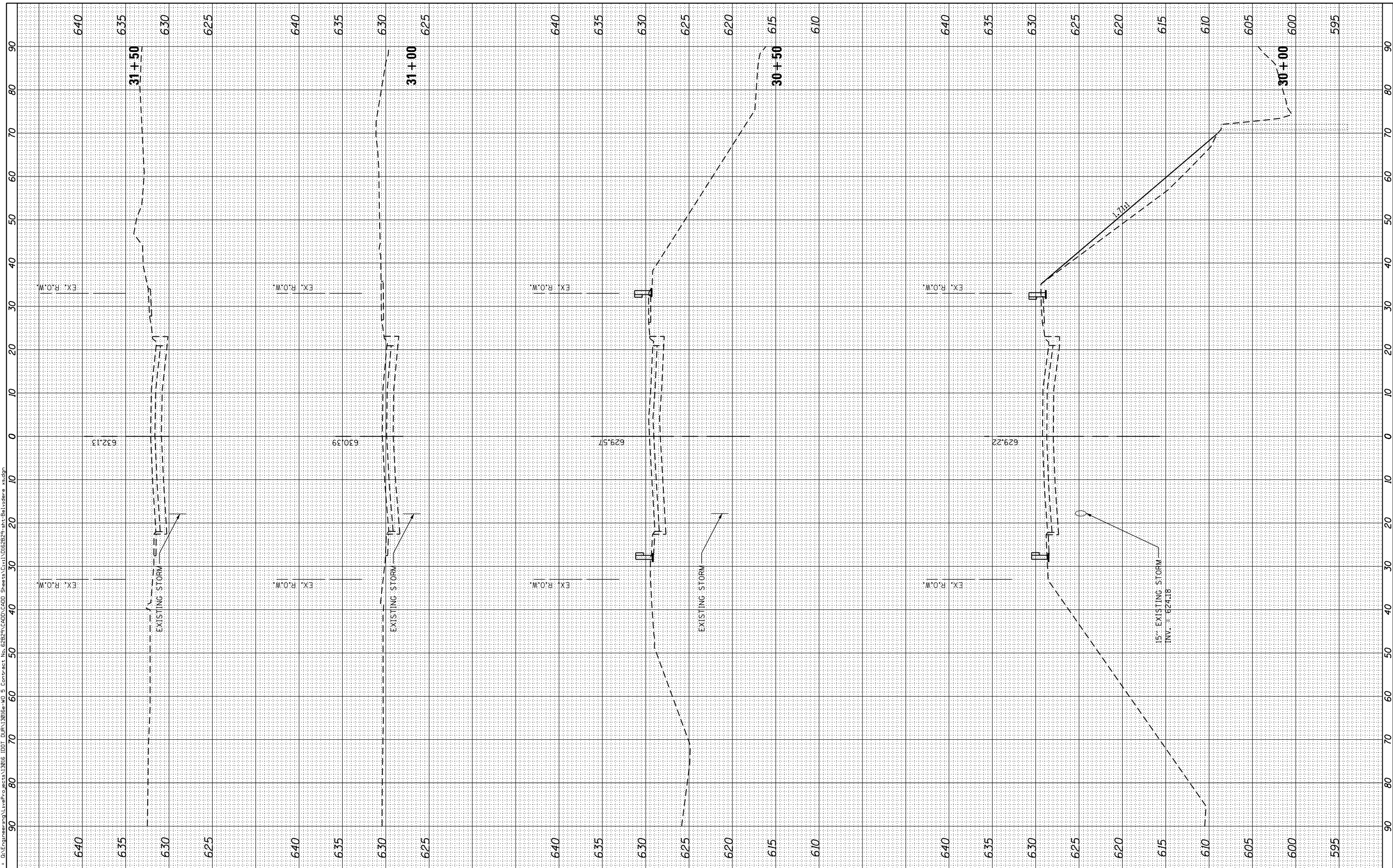




FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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PLOT SCALE = 20.0000' / in.	DRAWN - IE	REVISED -
PLOT DATE = 5/13/2016	CHECKED - TGM	REVISED -
	DATE - 05-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
BELVIDERE STREET**

SCALE: SHEET OF SHEETS STA. 30+00 TO STA. 31+50

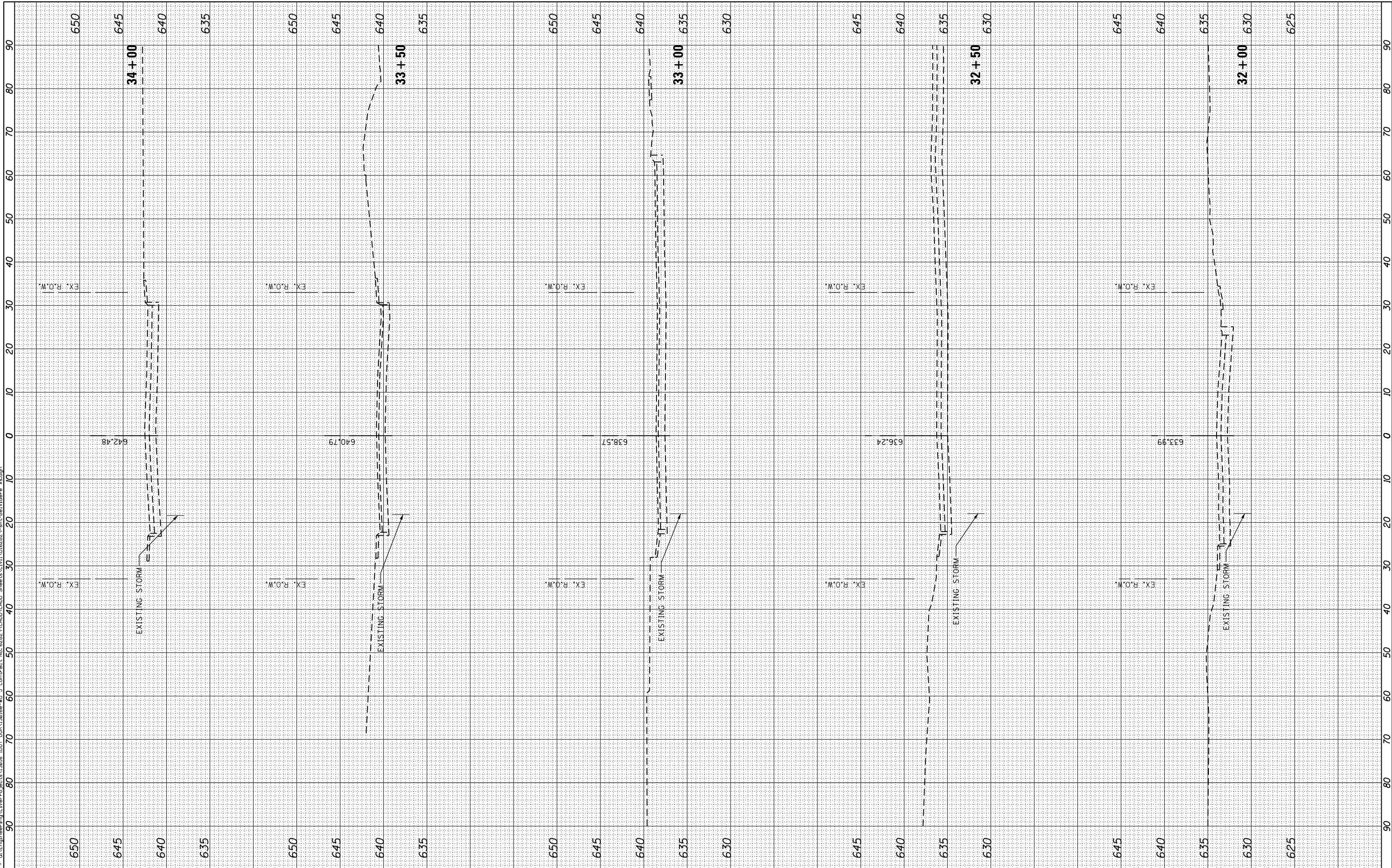
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1225	2015-0621	LAKE	109	101
CONTRACT NO. 62B29				

ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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USER NAME = johnn	DESIGNED - IE	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - IE	REVISED -
PLOT DATE = 5/13/2016	CHECKED - TGM	REVISED -
	DATE - 05-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
BELVIDERE STREET**

SCALE: SHEET OF SHEETS STA. 32+00 TO STA. 34+00

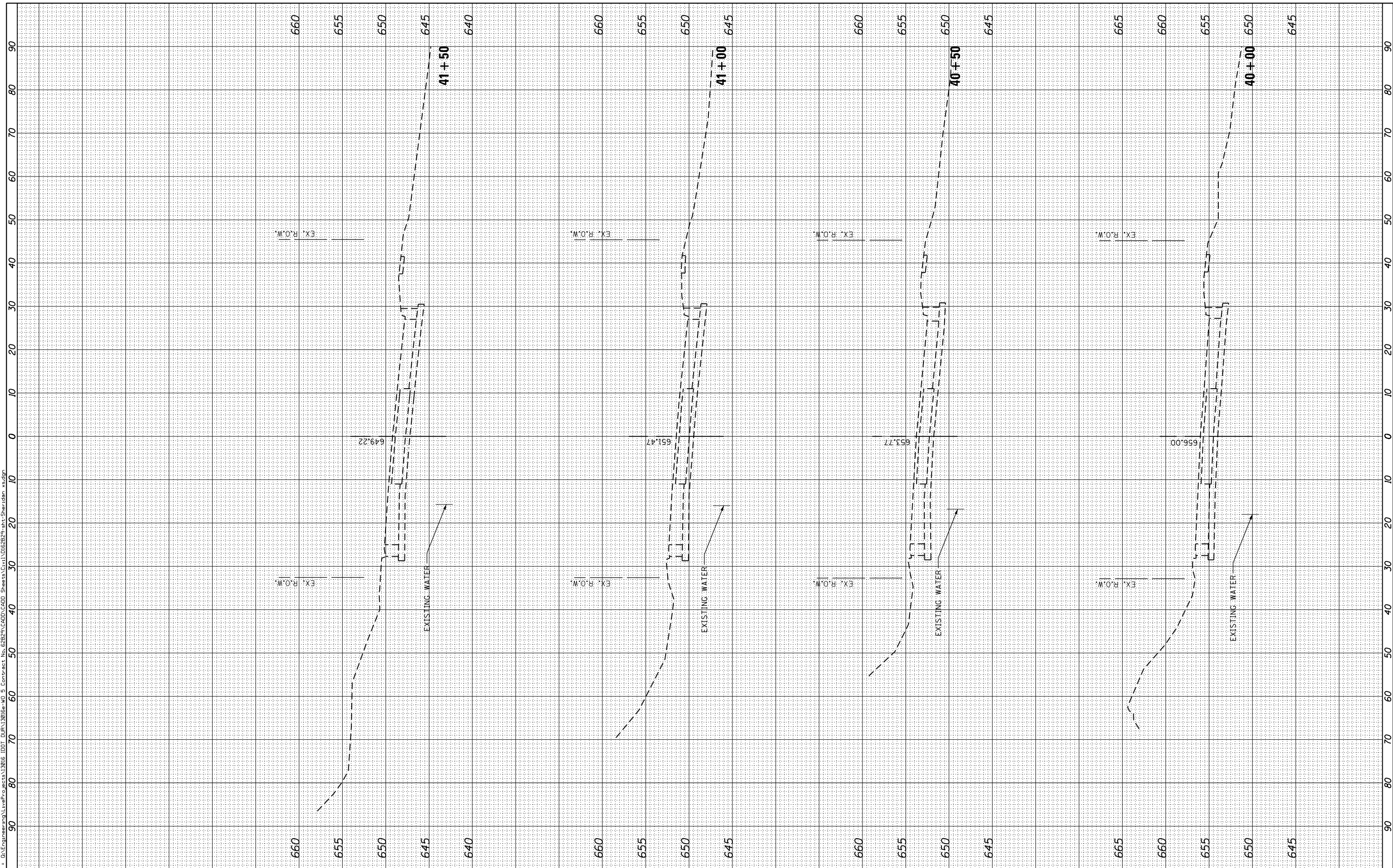
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1225	2015-0621	LAKE	109	102
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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USER NAME = johnn	DESIGNED - IE	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - IE	REVISED -
PLOT DATE = 5/13/2016	CHECKED - TGM	REVISED -
	DATE - 05-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 40+00	TO STA. 41+50
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**CROSS SECTIONS  
SHERIDAN ROAD**

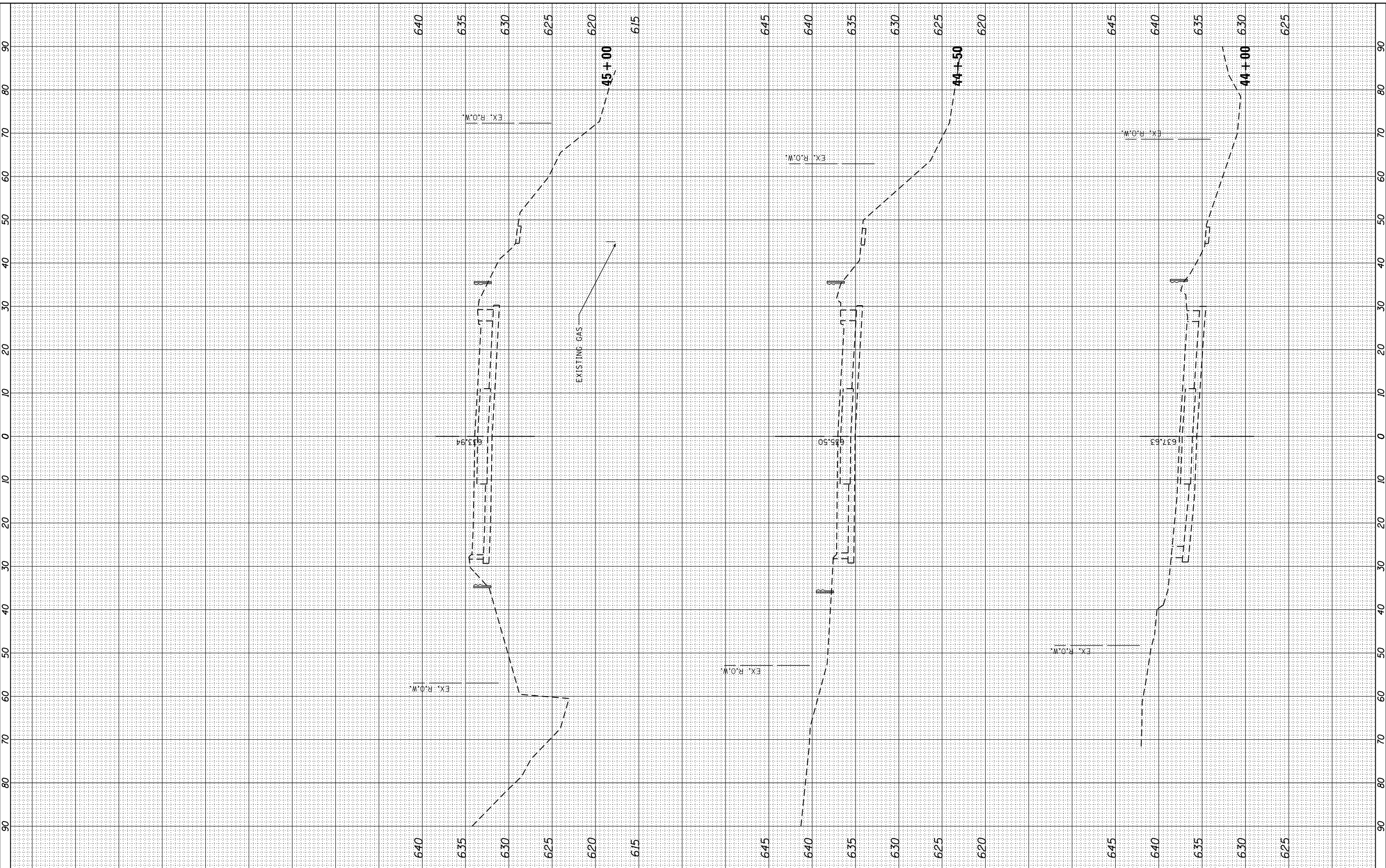
F.A.P. RTE. 352	SECTION 2015-0621	COUNTY LAKE	TOTAL SHEETS 109	SHEET NO. 104
CONTRACT NO. 62B29				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = D:\Engineering\LiveProjects\13016\DOT\04R13016e-W05\Contract No. 62B29\CADD\CADD Sheets\Civil\62B29-ht-Sheridan xs.dgn



USER NAME = johnn	DESIGNED - IE	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - IE	REVISED -
PLOT DATE = 5/13/2016	CHECKED - TGM	REVISED -
	DATE - 05-13-2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
SHERIDAN ROAD**

SCALE: SHEET OF SHEETS STA. 44+00 TO STA. 45+00

F.A.P. RTE. 352	SECTION 2015-0621	COUNTY LAKE	TOTAL SHEETS 109	SHEET NO. 106
			CONTRACT NO. 62B29	
ILLINOIS FED. AID PROJECT				







