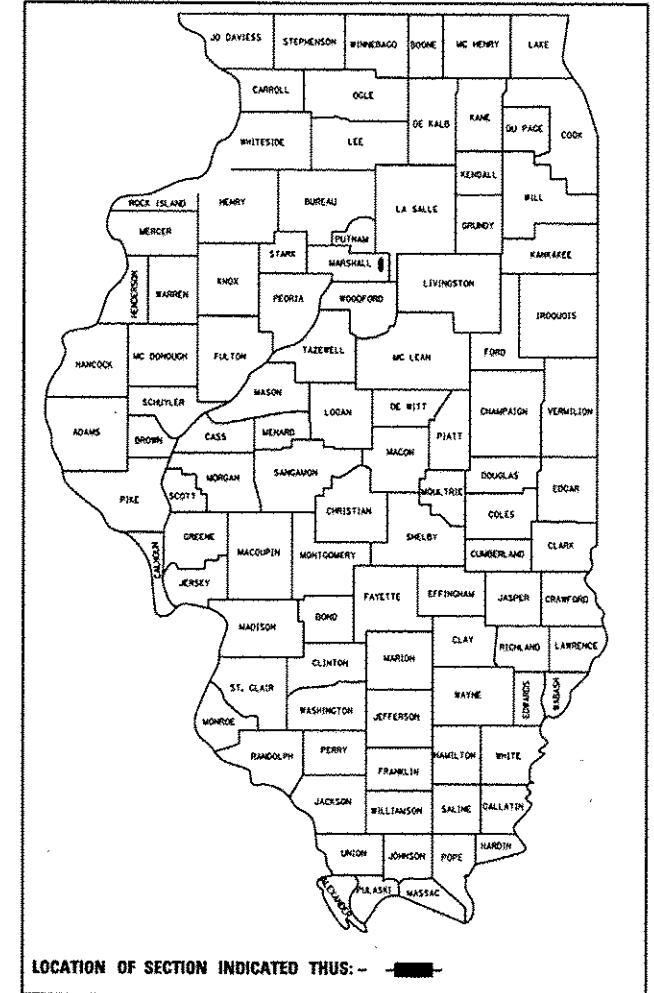


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
F.A.S ROUTE 2361 (IL ROUTE 117)
SECTION 101RS-4;102RS-5
PROJECT RS-2361(108)
TYPE OF IMPROVEMENT 3P
MARSHALL COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL117	101RS-4;102RS-5	MARSHALL	51	1
		ILLINOIS	CONTRACT NO. 68982	

D94-047-10



INDEX OF SHEETS

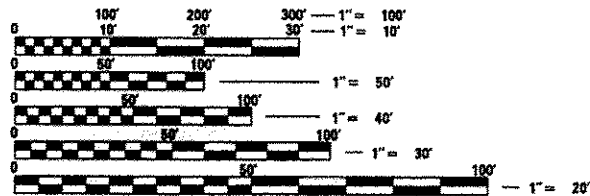
- 1 COVER SHEET/INDEX OF SHEETS
- 2 GENERAL NOTES
- 3 JOB SPECIFIC NOTES/MIX REQUIREMENT
- 4-7 SUMMARY OF QUANTITIES
- 8-14 SCHEDULE OF QUANTITIES
- 15 LINE DIAGRAM
- 16-18 TYPICAL SECTIONS
- 19 STRUCTURE DETAIL
- 20 SIDEROAD DETAIL
- 21-41 CURB RAMP & SIDEWALK DETAILS
- 42-45 PARKING LANE PAVEMENT MARKING DETAILS
- 46-51 CADD STANDARD

HIGHWAY STANDARD

- 424001-07701306-03
- 424006-01701311-03
- 424011-01701336-06
- 424016-01701501-06
- 424021-01701801-05
- 424026-01701901-02
- 606001-05780001-03
- 701301-04781001-03

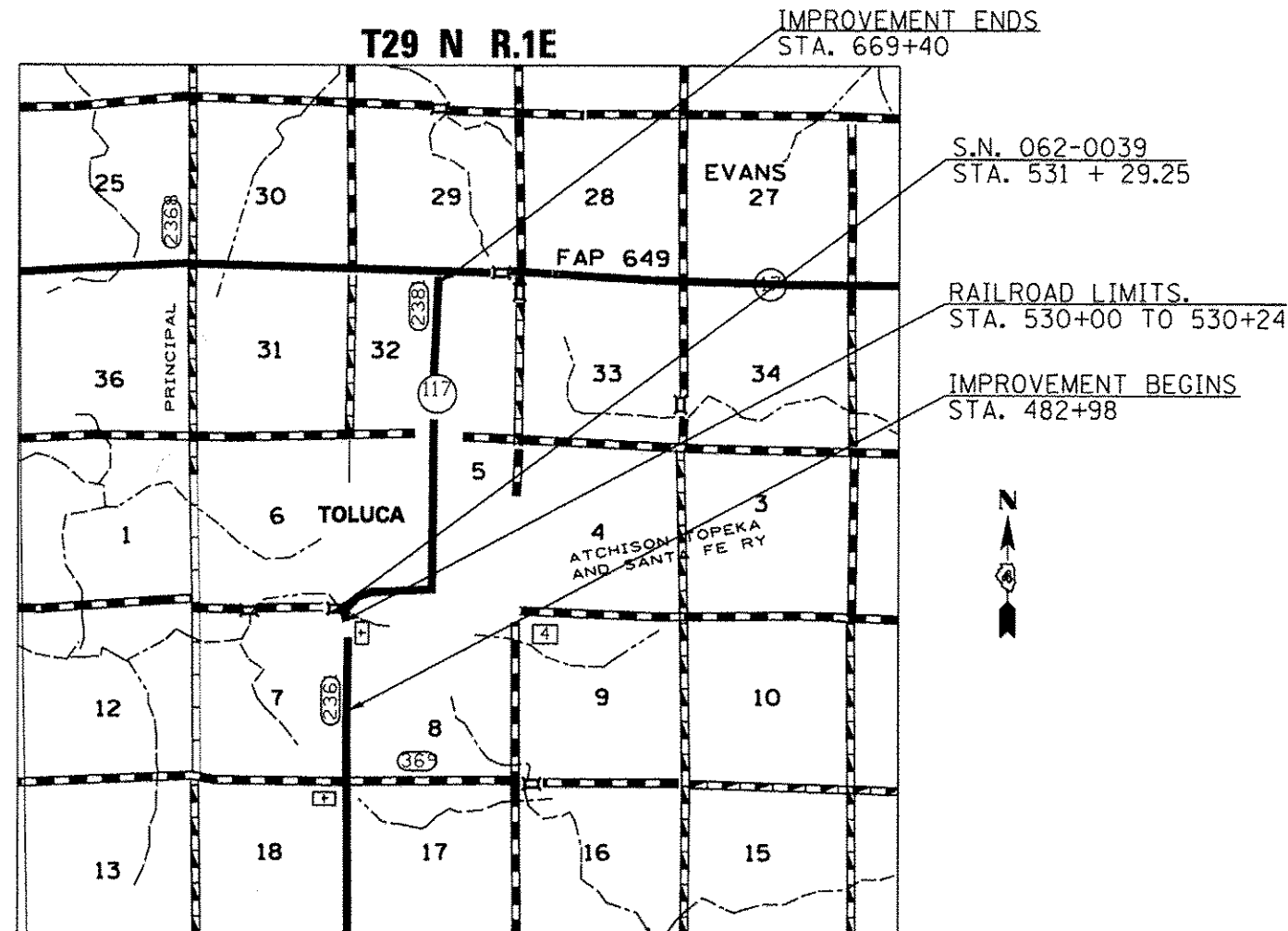
ADT

NORTH LEG 2050 MU=4% SU=4.9% (2011)
 SOUTH LEG 800 MU=3.8% SU=3.8% (2011)



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



JOB DESCRIPTION : PATCHING, MILLING AND RESURFING ON IL117 FROM SOUTH OF TOLUCA TO IL117/17 JCT.
 SIDEWALK AND CURB RAMP REPAIR

GROSS LENGTH = 18,642 FT. = 3.53 MILE
 NET LENGTH = 18,618 FT. = 3.53 MILE

PROJECT ENGINEER: RICH DOTSON (309) 671-3455
PROJECT MANAGER: ANNA GHIDINA (309) 671-3474
CONTRACT NO. 68982
CATALOG NO. 034452-00D

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED March 21 2013
Joseph E. Howen
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 2013
John D. Baranzelli PE
 acting ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2013
Onet Osman PE
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

GENERAL NOTES

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent side roads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

EARTH EXCAVATION – INCIDENTAL TO CURB, GUTTER, & DRIVEWAY

Earth excavation and backfill for proposed curb and gutter and driveway pavements shall be included in the unit cost of the various items.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Environmental Survey Request)
- * A location map showing the size limits and location of the use area
- * Signed property owner agreement form-D4 PI0100
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

AGGREGATE SHOULDERS, TYPE B

Aggregate Shoulders, Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

BRIDGE OVERLAY NOTIFICATION

After placement of the bridge deck overlay, the Resident Engineer shall notify the District Bridge Maintenance Engineer of the "as constructed" milling depth and overlay thickness for updating the Illinois Highway Information System.

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- * 2,3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
- * Multi-Lane Divided Roadways – outside edge of pavement in both directions
- * Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX+X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

Surface Type	Estimated Truck Application Rate	Residual Rate
Milled (HMA or PCC)	0.10 gal/sy (0.0004 ton/sy)	0.05 gal/sy
Existing Pavement	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy
Fog Coat (between lifts)	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy

Note: Estimated truck application rate is used for estimating quantities.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structures SN. 062-0039, may be crossed with unloaded MTD. Any structures not listed above shall be verified by the resident prior to beginning work.

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (j) and 670.04 (e): All of the telephone lines provided shall have unpublished numbers.

NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

FILE NAME : 68982.dgn	USER NAME : subramggt	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.S. RTE. 2361	SECTION 101 RS-4; 102 RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 2	
Default	PLOT SCALE : 40.0000' / 1"	CHECKED - DATE -	REVISED - REVISED -			SCALE:	SHEET 2 OF 51 SHEETS	ILLINOIS FED. AID PROJECT CONTRACT NO. 68982			

JOB SPECIFIC NOTES

THE INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE SHALL INCLUDE CONCRETE APRON AND REMOVAL OF EXISTING GRATE. USE FRAME AND GRATE, NEENAH R-3501-M, OR AN APPROVED EQUIVALENT.

ALL DIAGONAL PAVEMENT MARKINGS FOR PARKING LANES WILL BE DONE BY THE CITY OF TOLUCA.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT

STATUS OF UTILITIES

THERE ARE NO CAUTIONS OR RELOCATIONS.

The following mixture requirements are applicable for this project:

Mixture Use(s):	Surface Course (includes parking lanes in Toluca)	Partial Depth Patches (One, 4" lift)	Incidental Surface Course (if needed)	HMA Shoulder (Surface Lift)	HMA Shoulder (Lower Lifts)	
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	
RAP% (Max): **	15%	15%	15%	30%	30%	
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	3.0% @ N=30	4.0% @ N=30	
Mixture Composition:	IL 9.5 or IL12.5	IL 9.5 or IL12.5	IL 9.5 or IL12.5	IL 9.5L	IL 19.0L	
Friction Aggregate:	Mixture D	N.A.	Mixture C	Mixture C	N.A.	

Note: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size.

0005

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0720D,01	0720D,01	0720D,02	0720D,01	0720D,01	80% FED
				80% FED 20% STATE	80% STATE 20% TOWN	50% STATE 50% TOWN	100% TOWN	100% STATE	80% FED 20% STATE
20200100	EARTH EXCAVATION	CU YD	9	9					
20700220	POROUS GRANULAR EMBANKMENT	CU YD	130	130					
21101600	TOPSOIL FURNISH & PLACE, VARIABLE DEPTH	SO YD	3705	3705					
* 25000110	SEEDING, CLASS 1A	ACRE	0.8	0.8					
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	69	69					
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	69	69					
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	69	69					
25100630	EROSION CONTROL BLANKET	SO YD	3705	3705					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	29	25	2	2			
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	12.2				12.2		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1					
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4704	4544			160		
40600990	TEMPORARY RAMP	SQ YD	649	649					
40603305	HOT - MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	213	213					
40603335	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	4,973	4,162	399	412			

0005

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE	80% STATE 20% TOWN	50% STATE 50% TOWN	100% TOWN	100% STATE	80% FED 20% STATE
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	331		331				
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SO YD	37	37					
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	7,488	3,297	4,191				
42400800	DETECTABLE WARNINGS	SO FT	859	859					
44000100	PAVEMENT REMOVAL	SO YD	90	90					
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SO YD	38197	38197					
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	22442	14142		4744	3556		
44000161	HOT - MIX ASPHALT SURFACE REMOVAL, 3"	SO YD	675				675		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	34	34					
44000600	SIDEWALK REMOVAL	SQ FT	5208	1,761			3,447		
44022033	PARTIAL DEPTH REMOVAL 4"	SO YD	51	51					
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	2108	2108					
48203029	HOT - MIX ASPHALT SHOULDERS, 8"	SO YD	280	280					
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	4	4					
60603800	COMB. CONC. CURB AND GUTTER, TYPE B-6.12	FOOT	34	34					

15

FILE NAME = 60982.dgn	USER NAME = subraggs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.S. RTE. 2361	SECTION IOIRS-4;IO2RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 5
	PLOT SCALE = 40.0000' / 1" =	DRAWN -	REVISED -			CONTRACT NO. 68982				
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -							

0005

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% STATE 20% TOWN	50% STATE 50% TOWN	100% TOWN	100% STATE	80% FED 20% STATE	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3						
67100100	MOBILIZATION	L SUM	1	1						
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1						
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1						
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1						
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1						
* 70300100	SHORT-TERM PAVEMENT MARKING	FOOT	555	555						
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	635	635						
* 78009004	MODIFIED URETHANE PAVEMENT MARKING LINE 4"	FOOT	46170	46170						
* 78009012	MODIFIED URETHANE PAVEMENT MARKING LINE 24"	FOOT	48	48						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	467	467						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	467	467						
X0321309	CONCRETE PAD	SO YD	1	1						
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SO FT	9842	3761	6081					

*SPECIALTY ITEM

FILE NAME : 68982.dgn	USER NAME : aubr0999	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.S. RTE. 2361	SECTION 10IRS-4;102RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 6
PLOT SCALE : 40:0000 1/2 in.	CHECKED -	REVISED -	CONTRACT NO. 68982							
PLOT DATE : 3/21/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED 20% STATE	80% STATE 20% TOWN	50% STATE 50% TOWN	100% TOWN	100% STATE	80% FED 20% STATE	
X4404700	SIDEWALK REMOVAL (SPECIAL)	SO FT	10,248	6,081			4,167			
X4421000	PARTIAL DEPTH PATCHING	TON	11	11						
X6024503	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	1	1						
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1						
Z0004556	HOT - MIX ASPHALT SURFACE REMOVAL (DECK)	SO YD	290							290
Z0034105	MATERIAL TRANSFER DEVICE	TON	4162	4,162						
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1						

FILE NAME : 68982.dgn

USER NAME : eubreygs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE : 40.0000 / in.	CHECKED -	REVISED -
PLOT DATE : 3/21/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	10IRS-4102RS-5	MARSHALL	51	7
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE										
LOCATION	SIDE	SIDEROAD OR DESCRIPTION	MATERIAL	LENGTH	WIDTH	AREA	HMA SURF. REMOVAL BUTT JOINTS	HMA BIT. PRIME COAT	INCIDENTAL SURF. CSE 1-1/2"	TEMP RAMP
STATION				FOOT	FOOT	SQ YD	SQ YD	TONS	TONS	SQ YD
485+38	RT	PE	BIT. W/AGG.	23.0	3.0	7.7	7.7	0.003	0.64	
501+01	LT	PE	BIT.	20.0	3.0	6.7	6.7	0.003	0.56	
522+35	RT	FE	DIRT	17.0	3.0	5.7				
524+41	LT	FE	GRASS	34.0	3.0	11.3				
525+41	RT	CE (CEMETERY)	BIT.	16.0	10.0	17.8	17.8	0.007	1.49	8.9
528+13	LT	CE (CEMETERY)	BIT.	16.0	10.0	17.8	17.8	0.007	1.49	8.9
534+40	LT	PE	AGG	15.0	3.0	5.0		0.002	0.42	
534+40	RT	PE	AGG	15.0	3.0	5.0		0.002	0.42	
544+83	LT	PE	BIT.	27.0	3.0	9.0	9.0	0.004	0.76	
547+50	LT	PE	BIT.	15.0	3.0	5.0	5.0	0.002	0.42	
547+50	RT	PE	BIT.	19.0	3.0	6.3	6.3	0.003	0.53	
548+50	LT	PE	BIT.	12.0	3.0	4.0	4.0	0.002	0.34	
549+00	LT	PE	BIT.	12.0	3.0	4.0	4.0	0.002	0.34	
550+00	RT	PE	BIT.	21.0	3.0	7.0	7.0	0.003	0.59	
550+00	LT	PE	AGG	15.0	3.0	5.0		0.002	0.42	
551+00	LT	PE	PCC	16.0	6.2	11.0				
551+00	RT	PE	PCC W/BIT.	15.0	7.0	11.7				
552+00	RT	PE	BIT.	22	3.0	7.3		0.003	0.62	
553+00	RT	CE	PCC W/BIT.	19	6.5	13.7				
554+70	LT	ALLEY	PCC	17	5.5	10.4				
554+70	RT	CE	PCC	53	3.0	17.7				
556+70	RT	PE	BIT. W/AGG.	19	3.0	6.3	6.3	0.003	0.53	
557+70	LT	PE	BIT. W/AGG.	19	3.0	6.3	6.3	0.003	0.53	
557+70	RT	PE	BIT. W/AGG.	25	3.0	8.3	8.3	0.003	0.70	
559+70	LT	CE	BIT.	30	3.0	10.0	10.0	0.004	0.84	
561+50	LT	FE	DIRT	20	3.0	6.7				
561+50	RT	FE	DIRT	20	3.0	6.7				
562+55	RT	FE	DIRT	15	3.0	5.0				
562+75	LT	CE	BIT.	35	3.0	11.7	11.7	0.005	0.98	
580+85	RT	CE (Gas Station)	CONC	53	3.0	17.7				
588+00	RT	PE	BIT. W/AGG.	19	3.0	6.3	6.3	0.003	0.53	
591+00	RT	PE	BIT. W/AGG.	19	3.0	6.3	6.3	0.003	0.53	
591+56	RT	PE	BIT. W/AGG.	15.0	7.0	11.7	11.7	0.005	0.98	
629+60	LT	FE	DIRT.	20	3.0	6.7				
Totals =				728.0	133.2	298.7	184.7	0.069	14.65	17.8

SIDE ROAD SCHEDULE												
SIDEROAD		LOCATION	EXISTING MATERIAL	PROPOSED MATERIAL	LENGTH (L1)	LENGTH (L2)	WIDTH	AREA	HMA SURF REMOVAL BUTT JOINTS	HMA BIT PRIME COAT	INCIDENTAL SURF. CSE 1-1/2"	TEMP RAMP
	RT / LT	STATION			FOOT	FOOT	FOOT	SQ YD	SQ YD	TONS	TONS	SQ YD
BENNINGTON	LT	534+40	BIT	BIT	73.0	23.2	27.5	147.0	147.0	0.06	12.3	12.9
BENNINGTON	RT	534+40	BIT	BIT	55.0	35.3	8.7	43.6	43.6	0.02	3.7	19.6
SHERMAN	LT	547+50	BIT	BIT	53.8	18.2	36.5	146.0	146.0	0.06	12.3	10.1
GRANT	LT	551+00	BIT	BIT	48.5	16.9	30.2	109.7	109.7	0.04	9.2	9.4
GRANT	RT	551+01	BIT	BIT	39.0	21.4	20.5	68.8	68.8	0.03	5.8	11.9
LINCOLN	LT	554+70	BIT	BIT	60.0	24.4	29.9	140.2	140.2	0.06	11.8	13.6
LINCOLN	RT	554+71	BIT	BIT	38.9	18.9	25.4	81.6	81.6	0.03	6.9	10.5
WILLOW	LT	557+70	BIT	BIT	38.7	20.5	34.8	114.5	114.5	0.05	9.6	11.4
WILLOW	RT	557+70	BIT	BIT	44.6	19.3	25.0	88.8	88.8	0.04	7.5	10.7
CHESTNUT	LT	561+50	BIT	BIT	44.7	35.4	27.0	120.2	120.2	0.05	10.1	19.7
CHESTNUT	RT	561+50	BIT	BIT	40.8	24.2	28.2	101.8	101.8	0.04	8.6	13.4
CEDAR	LT	565+00	BIT	BIT	47.3	36.1	30.5	141.3	141.3	0.06	11.9	20.1
CEDAR	RT	565+00	BIT	BIT	51.2	45.6	29.7	159.7	159.7	0.06	13.4	25.3
SANTA FE	RT	568+70	BIT	BIT	67.1	59.3	51.1	358.8	358.8	0.14	30.1	32.9
MAIN	LT	568+70	BIT	BIT	84.3	66.5	32.8	274.8	274.8	0.11	23.1	36.9
TOPEKA	LT	572+40	BIT	BIT	56.3	36.2	33.0	169.6	169.6	0.07	14.2	20.1
TOPEKA	RT	572+40	BIT	BIT	50.9	56.6	25.3	151.1	151.1	0.06	12.7	31.4
ATCHINSON	LT	576+00	BIT	BIT	47.3	39.0	14.9	71.4	71.4	0.03	6.0	21.7
ATCHINSON	RT	576+00	BIT	BIT	55.9	45.4	9.2	51.8	51.8	0.02	4.3	25.2
FIRST	LT	579+80	BIT	BIT	51.1	25.0	18.5	78.2	78.2	0.03	6.6	13.9
FIRST	RT	579+80	BIT	BIT	69.9	37.0	19.4	115.2	115.2	0.05	9.7	20.6
SECOND	LT	583+40	BIT	BIT	56.2	18.4	26.1	108.2	108.2	0.04	9.1	10.2
SECOND	RT	583+40	BIT	BIT	65.4	24.8	26.8	134.3	134.3	0.05	11.3	13.8
THIRD	LT	587+00	BIT	BIT	96.2	33.2	27.1	194.8	194.8	0.08	16.4	18.4
THIRD	RT	587+00	BIT	BIT	76.3	23.5	30.8	170.8	170.8	0.07	14.3	13.1
VIA GHGLIER	RT	602+77	BIT	BIT	101.0	30.1	20.7	150.8	150.8	0.06	12.7	16.7
VIA SISTINE	RT	616+82	BIT	BIT	102.0	28.8	22.4	162.8	162.8	0.07	13.7	16.0
EVANS	RT	616+40	BIT	BIT	54.5	23.8	18.6	80.9	80.9	0.03	6.8	13.2
EVANS	LT	616+40	BIT	BIT	55.3	28.6	6.0	28.0	28.0	0.01	2.3	15.9
TOTALS									3764.6	1.5	316.2	508.7

PARKING LANE SCHEDULE										
LOCATION	LENGTH	WIDTH	AREA	50% STATE / 50% CITY	100% CITY	50% STATE / 50% CITY	100% CITY	50% STATE / 50% CITY	100% CITY	
				HMA SURFACE REM. 1-1/2" (FIRST 12 FEET)	HMA SURF. REM. 1-1/2" (REMAINING WIDTH)	HMA BIT. PRIME COAT (FIRST 12 FEET)	HMA BIT. PRIME COAT (REMAINING WIDTH)	HMA SURF. CSE, MIX "D", N50 (FIRST 12 FEET)	HMA SURF. CSE, MIX "D", N50 (REMAINING WIDTH)	
STATION	FOOT	FOOT	SQ. YD.	SQ. YD.	SQ. YD.	TONS	TONS	TONS	TONS	
RIGHT										
558+17 TO 561+91	319.0	16.0	567.1	425.3	141.8	0.17	0.06	35.7	11.9	
561+91 TO 565+54	325.0	17.0	613.9	433.3	180.6	0.17	0.07	36.4	15.2	
565+54 TO 570+42	325.0	21.4	772.8	433.3	339.4	0.17	0.14	36.4	28.5	
570+42 TO 574+05	307.0	24.3	828.9	409.3	419.6	0.16	0.17	34.4	35.2	
574+05 TO 577+72	313.0	24.0	834.7	417.3	417.3	0.17	0.17	35.1	35.1	
577+72 TO 581+00	328.0	24.0	874.7	437.3	437.3	0.17	0.17	36.7	36.7	
581+00 TO 581+37	37.0	24.0	98.7	49.3	49.3	0.02	0.02	4.1	4.1	
LEFT										
558+17 TO 561+82	333.0	21.0	777.0	444.0	333.0	0.18	0.13	37.3	28.0	
561+82 TO 565+53	336.0	14.0	522.7	448.0	74.7	0.18	0.03	37.6	6.3	
565+53 TO 568+83	313.0	21.3	740.8	417.3	323.4	0.17	0.13	35.1	27.2	
568+83 TO 572+48	309.0	24.3	834.3	412.0	422.3	0.16	0.17	34.6	35.5	
572+48 TO 575+61	313.0	24.0	834.7	417.3	417.3	0.17	0.17	35.1	35.1	
575+61 TO 576+02	41.0	24.0	109.3	54.7	54.7	0.02	0.02	4.6	4.6	
TOTAL				4744.0	3556.1	1.90	1.42	398.5	298.7	

INFORMATION ONLY - TOPEKA ST- PAID FOR BY CITY OF TOULCA (175' BEYOND BUTT JOINT)						
LENGTH	WIDTH	AREA	HMA SURF. REMOVAL 3"	HMA BIT. PRIME COAT	HMA SURF. CSE, MIX "D", N50	HMA SURF. REMOVAL BUTT JOINTS
FOOT	FOOT	SQ. YD.	SQ. YD.	TONS	TONS	SQ. YD.
126.5	48	675	675	0.27	113.3	160
TOTAL			675	0.3	113.3	160

AGGREGATE SHOULDER WEDGE, TYPE B					
LOCATION			LENGTH	WIDTH	TON
			FEET	FEET	
LT. & RT. 482+98	TO	LT. & RT. 529+10	4612.0	3.0	525.3
LT. & RT. 482+98	TO	LT. & RT. 529+10	4612.0	3.0	525.3
LT. & RT. 529+10	TO	LT. & RT. 530+00	90.0	3.0	10.3
LT. & RT. 531+69	TO	LT. & RT. 532+09	40.0	3.0	4.6
LT. & RT. 532+09	TO	LT. & RT. 534+86	277.0	3.0	31.5
LT. & RT. 544+22	TO	LT. & RT. 547+00	278.0	3.0	31.7
LT. & RT. 583+40	TO	LT. & RT. 587+00	360.0	3.0	41.0
LT. & RT. 587+00	TO	LT. & RT. 667+98	8098.0	3.0	922.3
LT. & RT. 667+98	TO	LT. & RT. 669+40	142.0	3.0	16.2
TOTAL					2108

AREA BETWEEN PARKING LANES FOR SIDEROADS							
LOCATION	LENGTH	WIDTH FROM CENTERLINE TO END OF PARKING LANE (INFORMATION ONLY)	WIDTH	AREA	80% FED/ 20% STATE	80% FED/ 20% STATE	80% FED/ 20% STATE
					HMA SURF. REM. 1-1/2"	HMA BIT. PRIME COAT	HMA SURF. CSE, MIX "D", N50
STATION	FOOT	FOOT	FOOT	SQ. YD.	SQ. YD.	TONS	TONS
RIGHT							
Willow	26.8	35.1	23.1	68.8	68.8	0.03	6
Chestnut	26.8	29.3	17.3	51.5	51.5	0.02	4
Cedar	39.1	29.5	17.5	76.0	76.0	0.03	6
Topeka	37.6	35.0	23.0	96.1	96.1	0.04	8
Atchinson	46.6	36.4	24.4	126.3	126.3	0.05	11
First	36.8	26.6	14.6	59.7	59.7	0.02	5
LEFT							
Willow	25.3	30.2	18.2	51.2	51.2	0.02	4
Chestnut	25.0	28.1	16.1	44.7	44.7	0.02	4
Cedar	41.5	32.5	20.5	94.5	94.5	0.04	8
Topeka	49.0	34.3	22.3	121.4	121.4	0.05	10
Atchinson	40.9	25.9	13.9	63.2	63.2	0.03	5
TOTAL					853	0.34	71.7

PARTIAL DEPTH REMOVAL 4"				
LOCATION	LOCATION/ PATCH	LENGTH (FT)	WIDTH (FT)	AREA (SQYD)
IL 117 between Chestnut & Cedar (SB)	1	6.0	12.0	8.0
IL 117 between Chestnut & Cedar (NB)	2	6.0	12.0	8.0
IL 117 & Atchison (SB)	3	6.0	12.0	8.0
IL 117 & Atchison (NB)	4	8.0	12.0	10.7
IL 117 between 2nd & 3rd (SB)	5	6.0	12.0	8.0
IL 117 between 2nd & 3rd (NB)	6	6.0	12.0	8.0
TOTAL				50.7

PARTIAL DEPTH PATCH 4"					
LOCATION	PATCH NO.	LENGTH (FT)	WIDTH (FT)	AREA (SQYD)	TON
IL 117 between Chestnut & Cedar (SB)	1	6.0	12.0	8.0	1.8
IL 117 between Chestnut & Cedar (NB)	2	6.0	12.0	8.0	1.8
IL 117 & Atchison (SB)	3	6.0	12.0	8.0	1.8
IL 117 & Atchison (NB)	4	8.0	12.0	10.7	2.4
IL 117 between 2nd & 3rd (SB)	5	6.0	12.0	8.0	1.8
IL 117 between 2nd & 3rd (NB)	6	6.0	12.0	8.0	1.8
TOTAL					11.3

LOCATION	CURB & GUTTER REMOVAL	SIDEWALK REMOVAL SPECIAL	SIDEWALK REMOVAL	PCC SIDEWALK SPECIAL	PCC SIDEWALK 4"	COMB. CURB & GUTTER, TYP B-6.12	DETECTABLE WARNINGS	POROUS GRANULAR EMBANKMENT SPECIAL
	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
	FT	SQ FT		SQ FT	SQ FT	FT	SQ FT	CU YD
NE QUADRANT:								
GRANT STREET			19.5		85.0		10.0	
WILLOW STREET		149.5		149.5			25.0	
CHESTNUT STREET			34.5		34.5		10.0	
CEDAR STREET		188.0	38.0	188	47.5		50.3	
MAIN STREET		406.0		406			40.5	
TOPEKA STREET		208.0		208			20.0	
ATCHISON STREET		104.7		104.7			37.7	
NW QUADRANT:								
LINCOLN STREET			58.5		85.0		10.0	
WILLOW STREET		318.5			347.8		20.0	
CHESTNUT STREET		180.3		192.3			77.5	
CEDAR STREET			114.0		181.5		20.0	
MAIN STREET		293.5		293.5			31.8	
TOPEKA STREET		167.2		167.2			20.0	
ATCHISON STREET			116.8		141.0		20.0	
1ST STREET			84.4		105.5		10.0	
2ND STREET			65.2		81.5		10.0	
3RD STREET			50.0		62.5		10.0	
SE QUADRANT:								
GRANT STREET			93.6		212.5		20.0	
LINCOLN STREET			46.8		60.0		10.0	
WILLOW STREET			44.9		57.5		10.0	
CHESTNUT STREET			114.0		203.8		10.0	
CEDAR STREET		350.0		372.5			48.3	
MAIN STREET		208.1		208.1			10.0	
TOPEKA STREET		411.1		429.2			20.0	
ATCHISON STREET		110.2		133.6			20.0	
1ST STREET	23.2		52.0		40.0		10.0	
2ND STREET			51.2		45.0		10.0	
SW QUADRANT:								
GRANT STREET			76.1		97.5		10.0	
LINCOLN STREET			62.4		167.5		20.0	
WILLOW STREET			147.9		189.5		20.0	
CHESTNUT STREET			171.6		220.0		20.0	
CEDAR STREET			79.2		166.5		20.0	
TOPEKA STREET		407.8		464.7			20.0	
ATCHISON STREET		266.5		283.9			20.0	
1ST STREET			64.0		147.5		20.0	
2ND STREET			85.2		186.4		20.0	
3RD STREET			40.0		50.0		10.0	
OTHER:								
CROSSWALK OUTSIDE OF TOWN		121.6			142.0		20.0	
E. VIA GHIGILERI STREET	38	52.0			75.0	34	10.0	
LT/RT STA 566+70 AT ALLEY		224.0			224.0		48.0	
SUBTOTAL	61.2	4167.0		3601.2	3232.5	34	849.1	
SUBTOTAL FROM CITY PAID SIDEWALK		9528.2		6081.0	0.0			129.6
GRAND TOTAL	61.2	13695.2	1709.8	9682.2	3232.5	34	849.1	129.6

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 11 OF 51 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68982	

CITY PARTICIPATION SIDEWALK									
LOCATION			LENGTH	WIDTH	AREA	SIDEWALK REMOVAL SPECIAL	PCC SIDEWALK SPECIAL	PCC SIDEWALK 4"	POROUS GRANULAR EMBANKMENT SPECIAL (2")
						100% city	80% state 20% city	80% state 20% city	80% State 20% City
			FT	FT	SQ FT	SQ FT	SQ FT	SQ FT	CU YD
LT. 554+70	TO	LT. 557+70	133	5.75	764.8	764.8		764.8	
RT. 557+70	TO	RT. 561+50	288	3.9	1123.2	1,123.2		1,440.0	
LT. 557+70	TO	LT. 558+34	64	5.75	368.0	368.0	368.0		
LT. 560+03	TO	LT. 561+27	124	5.75	713.0	713.0	713.0		
RT. 561+50	TO	RT. 565+00	295	3.9	1150.5	1,150.5		1,475.0	
RT. 565+00	TO	RT. 566+05	105	7	735.0	581.0	581.0		
LT. 568+70	TO	LT. 572+40	269.2	13	3499.6	3,499.6	3,499.6		129.6
RT. 574+60	TO	RT. 576+00	139.3	6.6	919.4	919.4	919.4		
RT. 582+37	TO	RT. 583+40	102.2	4	408.8	408.8		511.0	

PCC DRIVEWAY PAVT 7"			
LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
RT ALLEY	15.0	7.0	11.7
POST OFFICE	15.0	7.0	11.7
CHURCH	15.0	8.0	13.3
TOTAL			36.7
*NOTE: USE D4 STANDARD 423111			

CONCRETE PAD			
LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
POST OFFICE	3.0	3.0	1.0
TOTAL			1.0

PAVEMENT REMOVAL SCHEDULE	
LOCATION	AREA
TOPEKA AND IL 117 (MAIN) NE CORNER	34.5
TOPEKA AND IL 117 (MAIN) SE CORNER	20.4
TOPEKA AND IL 117 (MAIN) SW CORNER	34.7
TOTAL	89.6

LOCATION			TOPSOIL FURNISH & PLACE, VAR. DEPTH	EARTH EXCAVATION	EARTH EXCAVATION (WIDENING)	SEEDING CLASS 1A	NITROGEN FERTILIZER NUTRIENTS	PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	EROSION CONTROL BLANKET
			SQ YD	CU YD	CU YD	ACRES	LBS	LBS	LBS	SQ YD
STA 547+00	TO	STA 551+00	248.7			0.05	4.6	4.6	4.6	248.7
STA 551+00	TO	STA 554+70	160.4	2.3		0.03	3.0	3.0	3.0	160.4
STA 554+70	TO	STA 557+70	722.0	1.0		0.15	13.4	13.4	13.4	722.0
STA 557+70	TO	STA 561+50	754.7	1.1		0.16	14.0	14.0	14.0	754.7
STA 561+50	TO	STA 565+00	1063.7	0.4		0.22	19.8	19.8	19.8	1063.7
STA 565+00	TO	STA 568+70								
STA 568+70	TO	STA 572+40								
STA 572+40	TO	STA 576+00	60.1	0.7		0.01	1.1	1.1	1.1	60.1
STA 576+00	TO	STA 579+80	153.4	1.8		0.03	2.9	2.9	2.9	153.4
STA 579+80	TO	STA 583+40	381.1	0.7		0.08	7.1	7.1	7.1	381.1
STA 587+00	TO	STA 602+77	37.5	0.3		0.01	0.7	0.7	0.7	37.5
STA 602+77	TO	STA 616+82	123.6	0.6		0.03	2.3	2.3	2.3	123.6
SHOULDERS (LT/RT)										
STA 530+24	TO	STA 530+89			4.8					
STA 534+89	TO	STA 544+25			69.3					
STA 547+00	TO	STA 547+50			3.7					
STA 547+50	TO	STA 551+00			25.9					
STA 551+00	TO	STA 557+40			47.4					
STA 557+40	TO	STA 581+11			175.6					
STA 581+11	TO	STA 582+01			6.7					
STA 582+01	TO	STA 583+40			10.3					
RT.STA 585+00.5	TO	RT.STA 586+09			8.0					
TOTAL			3705.2	8.8	351.8	0.8	68.9	68.9	68.9	3705.2

PAINT PAVEMENT MARKING, 4"						
CENTERLINE (YELLOW)				NO PARKING AREA (YELLOW)		
STATION	LENGTH	SKIP DASH	SOLID	STATION	LOCATION**	FOOT
	FOOT	FOOT	FOOT			
STA. 482+98 TO STA. 520+73*	3775	943.8		LT. STA. 557+70	1	94
STA. 520+73 TO STA. 530+00	927	231.8	927.0	TO LT. STA.	2	60.4
STA. 530+00 TO STA. 547+13	1713		3426.0	561+50	3	60.2
STA. 547+13 TO STA. 552+41*	528	132.0	528.0	RT. STA. 557+70	4	96
STA. 552+41 TO STA. 568+70	1629	407.3		TO RT. STA.	5	122.3
STA. 568+70 TO STA. 667+98	9928	2482.0		RT. STA. 561+50	6	122.3
TOTAL		9,078		TO RT. STA.	7	122.3
				LT. STA. 561+50	8	122.3
				TO LT. STA.	9	122.3
				10		
EDGELINE (WHITE)				LT. STA. 565+00	11	94
STATION	LENGTH	SOLID		TO LT. STA.	12	69.5
	FOOT	FOOT		568+70	13	110.9
LT/RT STA. 482+98 TO STA. 55	7472	14944			14	104.6
RT STA. 557+70 TO STA. 561+5	380	380		RT. STA. 565+00	15	150.5
LT/RT STA. 561+50 TO STA. 56	350	700		TO RT. STA.	16	88.5
LT STA. 576+00 TO STA. 579+8	380	380		568+70	17	80.3
LT/RT STA. 579+80 TO STA. 66	8818	17636			18	60.2
TOTAL		34,040			19	135.3
				LT. STA. 568+70	20	76.4
				TO LT. STA.	21	108.8
*NO PASSING ZONE				RT. STA. 568+70	22	91.5
NB STA. 520+73 TO STA. 547+13				TO RT. STA.	23	97.2
SB STA. 530+00 TO STA. 552+41					24	97.2
SHALL BE VERIFIED BY OPERATIONS. SEE GENERAL NOTE.				LT. STA. 572+40	25	59
				TO LT. STA.	26	89.4
				576+00	27	103.7
				RT. STA. 572+40	28	104.5
				TO RT. STA.	29	93.5
				RT. STA. 576+00	30	97.3
				TO RT. STA.	31	95.1
GRAND TOTAL		46,170		TOTAL		3,052

**See detail for locations

SHORT TERM PAVEMENT MARKING	
LOCATION	LENGTH (FT)
STA 482+98 TO STA 669+40	185
TOTAL	555

*NOTE: 3 APPLICATIONS

WORK ZONE PAVT MARKING REMOVAL			
LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SQFT)
STA 482+98 TO STA 669+40	1850	0.3333	617
530+24 TO STA 586+09	56	0.3333	19
TOTAL			635

*NOTE: 1 APPLICATION

TRAFFIC CONTROL AND PROTECTION				
LOCATION	STANDARD	STANDARD	STANDARD	STANDARD
	701306	701336	701501	701801
	LSUM	LSUM	LSUM	LSUM
ENTIRE JOBSITE	1.0	1.0	1.0	1.0
TOTAL	1.0	1.0	1.0	1.0

LOCATION	ENGINEER'S	MOBILIZATION	CONSTRUCTION	CONSTRUCTING
	FIELD OFFICE,			
	TYPE A		LAYOUT	TEST STRIP
	CAL MONTH	L SUM	L SUM	EACH
JOBSITE	3.0	1.0	1.0	1.0
TOTAL	3.0	1.0	1.0	1.0

PAINT PAVEMENT MARKING, 24"		
STOP BAR (WHITE)		
STATION	LOCATION	WIDTH (FT)
567+95	SANTA FE/IL 117 (EB)	12.0
568+70	SANTA FE/IL 117 (WB)	12.0
569+50	MAIN/SANTA FE (NB)	12.0
569+50	IL 117/SANTA FE (SB)	12.0
TOTAL		48.0

COMBINATION CURB AND GUTTER REMOVAL	
LOCATION	FOOT
NE CORNER OF IL 117 & VIA GHIGLIERI	38.0
TOTAL	38.0

COMBINATION CURB AND GUTTER TY B, 6.12	
LOCATION	FOOT
NE CORNER OF IL 117 & VIA GHIGLIERI	38.0
TOTAL	38.0

RAISIED REFLECTIVE PAVT MARKINGS REMOVAL	
LOCATION (STATION)	EACH
482+98 TO 669+40	467.0
TOTAL	467.0

RAISIED REFLECTIVE PAVT MARKINGS	
LOCATION (STATION)	EACH
482+98 TO 669+40	467.0
TOTAL	467.0

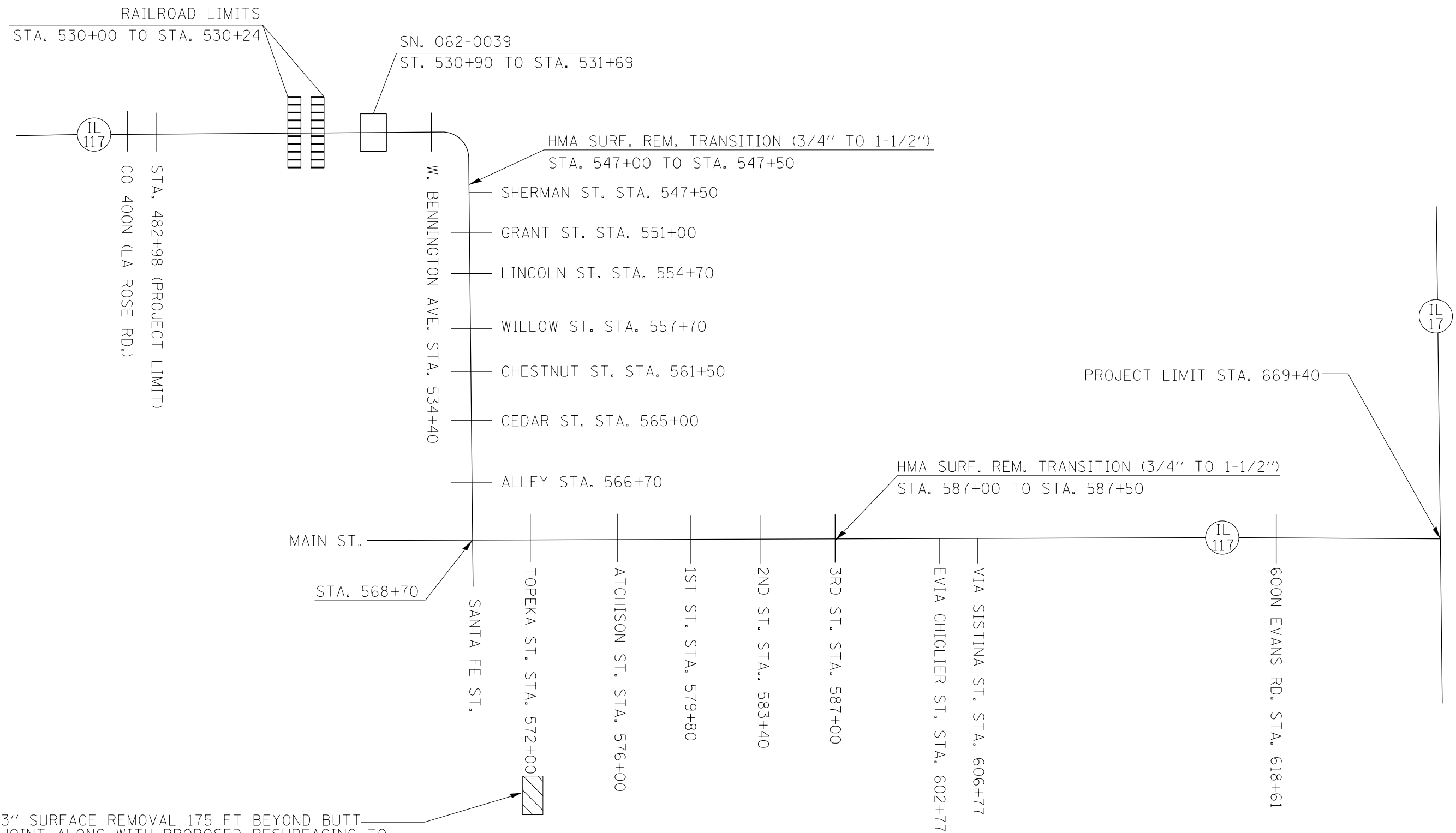
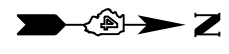
FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT DATE = 3/21/2013	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 14 OF 51 SHEETS STA. TO STA.

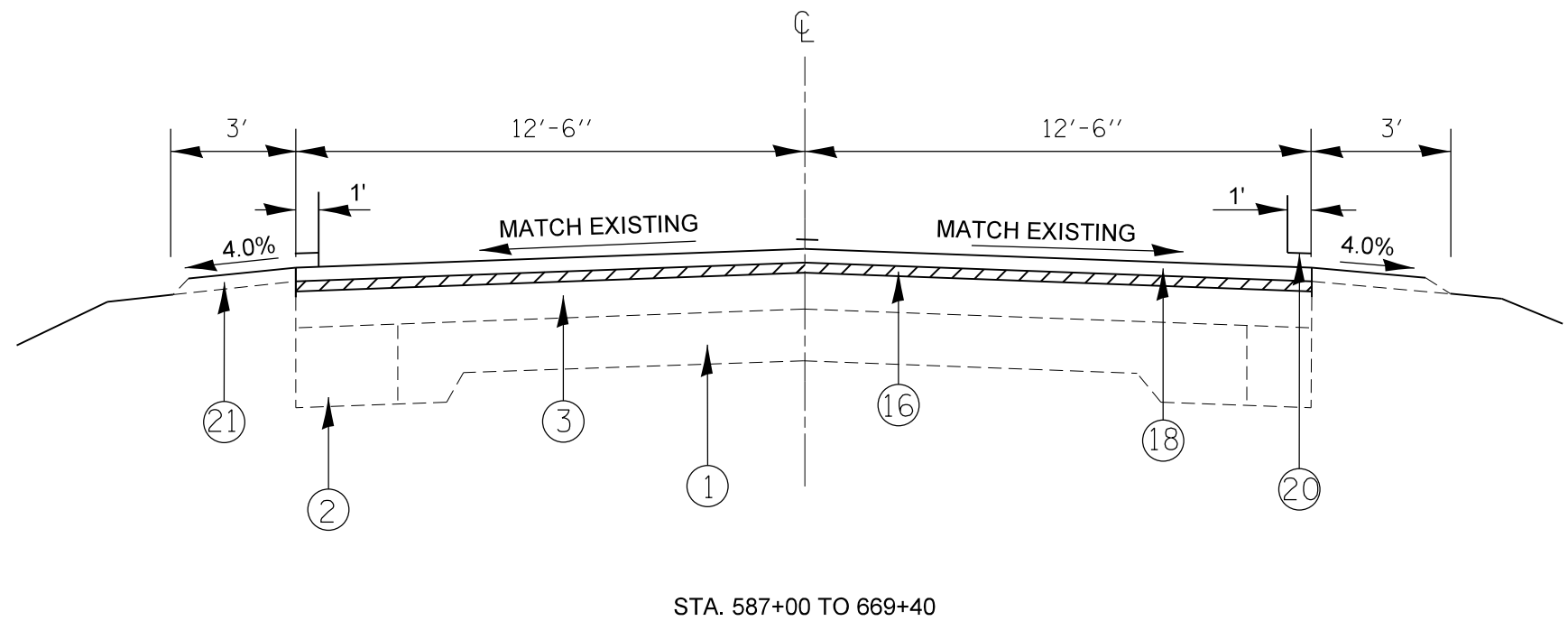
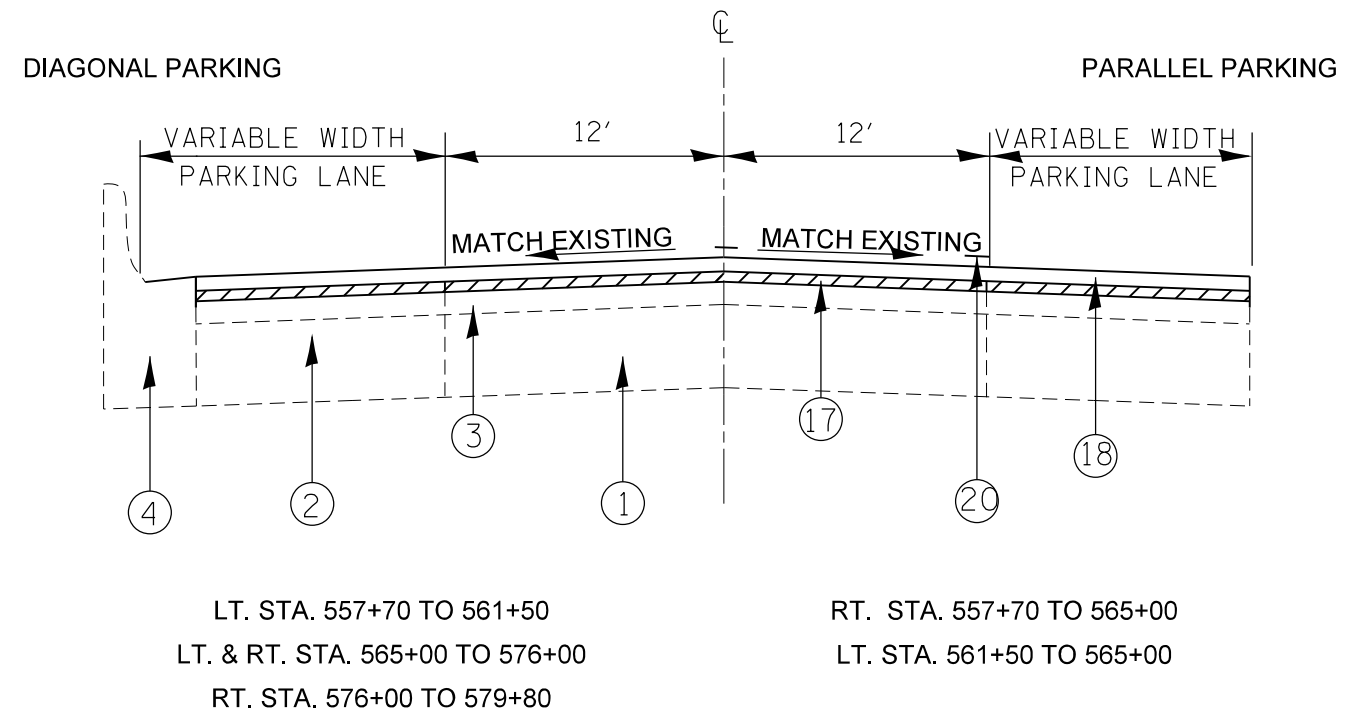
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	14
			CONTRACT NO. 68982	
ILLINOIS FED. AID PROJECT				



3" SURFACE REMOVAL 175 FT BEYOND BUTT JOINT ALONG WITH PROPOSED RESURFACING TO BE PAID 100% BY CITY.

FILE NAME = 68982.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINE DIAGRAM			F.A.S. RTE. 2361	SECTION 101 RS-4; 102 RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 15
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 15	OF 51 SHEETS	STA. 530+00	TO STA. 618+61	CONTRACT NO. 68982		
	PLOT DATE = 3/21/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

NOTE:
 TRANSITION FROM 3/4" HMA SURFACE REMOVAL TO 1-1/2" SURFACE REMOVAL
 STA 551+00 TO 551+50
 STA 587+00 TO 587+50
 THIS SHALL BE PAID AS HMA SURFACE REMOVAL, 1-1/2".

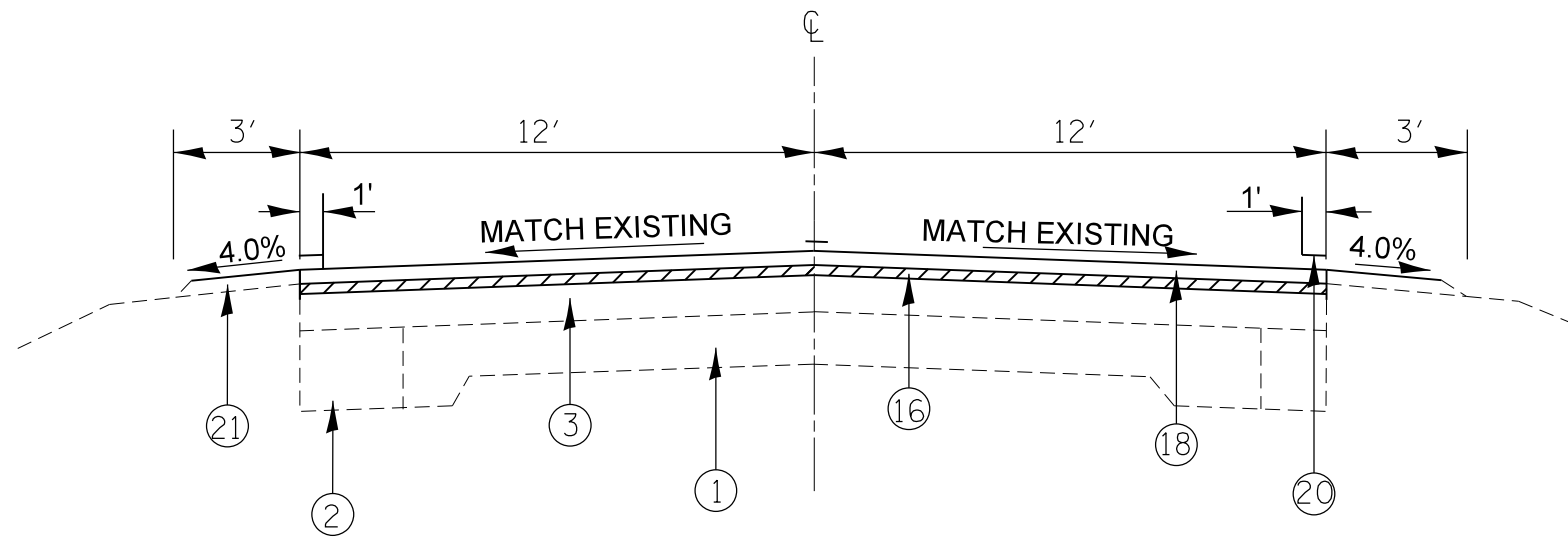


LEGEND

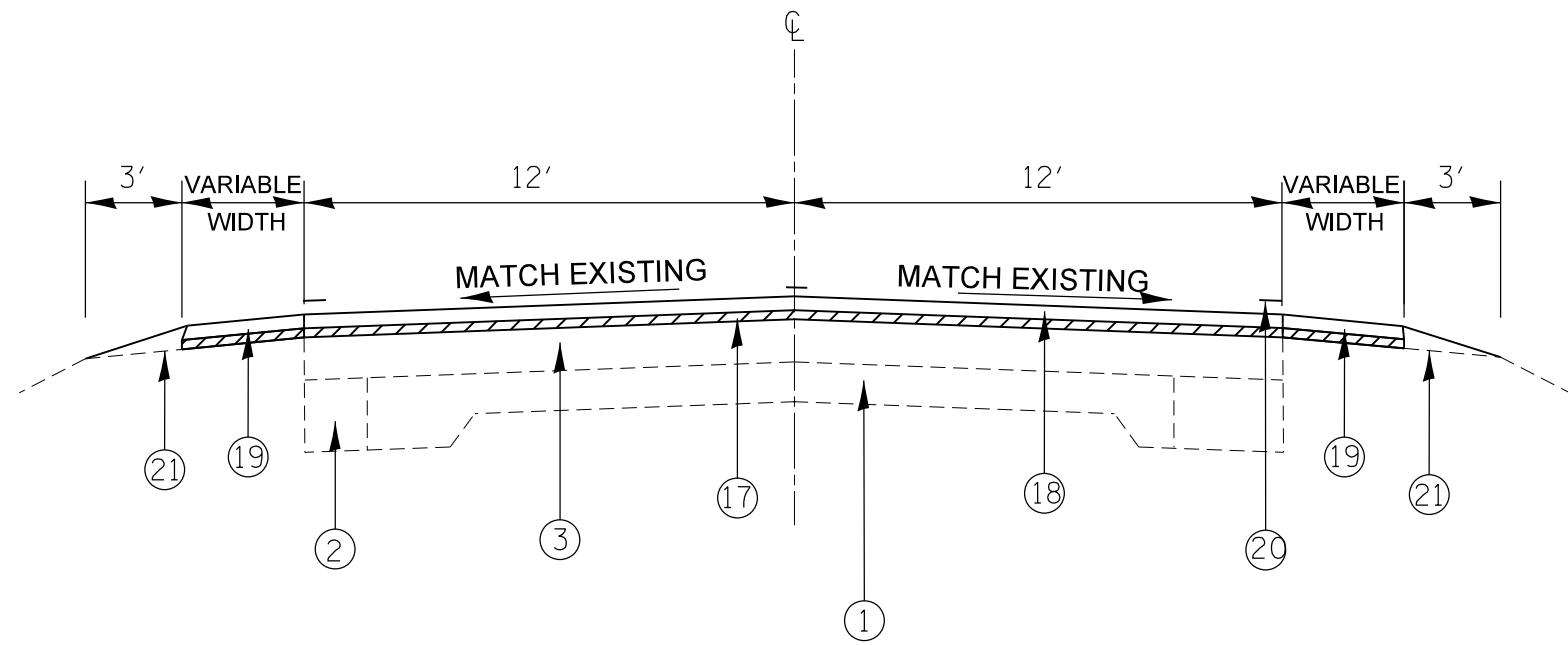
1. EXISTING PCC PAVEMENT 9"
2. EXISTING HMA BASE COURSE WIDENING 9"
3. EXISTING HMA OVERLAY 4"
4. EXISTING CONCRETE CURB & GUTTER
5. EXISTING HMA SHOULDERS
16. PROPOSED HMA SURFACE REMOVAL, 3/4"
17. PROPOSED HMA SURFACE REMOVAL 1.5"
18. PROPOSED HMA SURFACE COURSE, MIX "D", N50, 1.5"
19. PROPOSED HMA SURFACE COURSE, MIX "C", N30, 1.5"
20. PROPOSED EPOXY PAVEMENT MARKING
21. PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
22. PROPOSED HMA SHOULDER- 8"

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING/PROPOSED TYPICAL SECTIONS			F.A.S. RTE. 2361	SECTION 101 RS-4; 102 RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 16
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					SCALE:	SHEET 16 OF 51 SHEETS	STA. 587+00 TO STA. 669+40	CONTRACT NO. 68982	
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



STA. 482+98 TO STA. 534+86



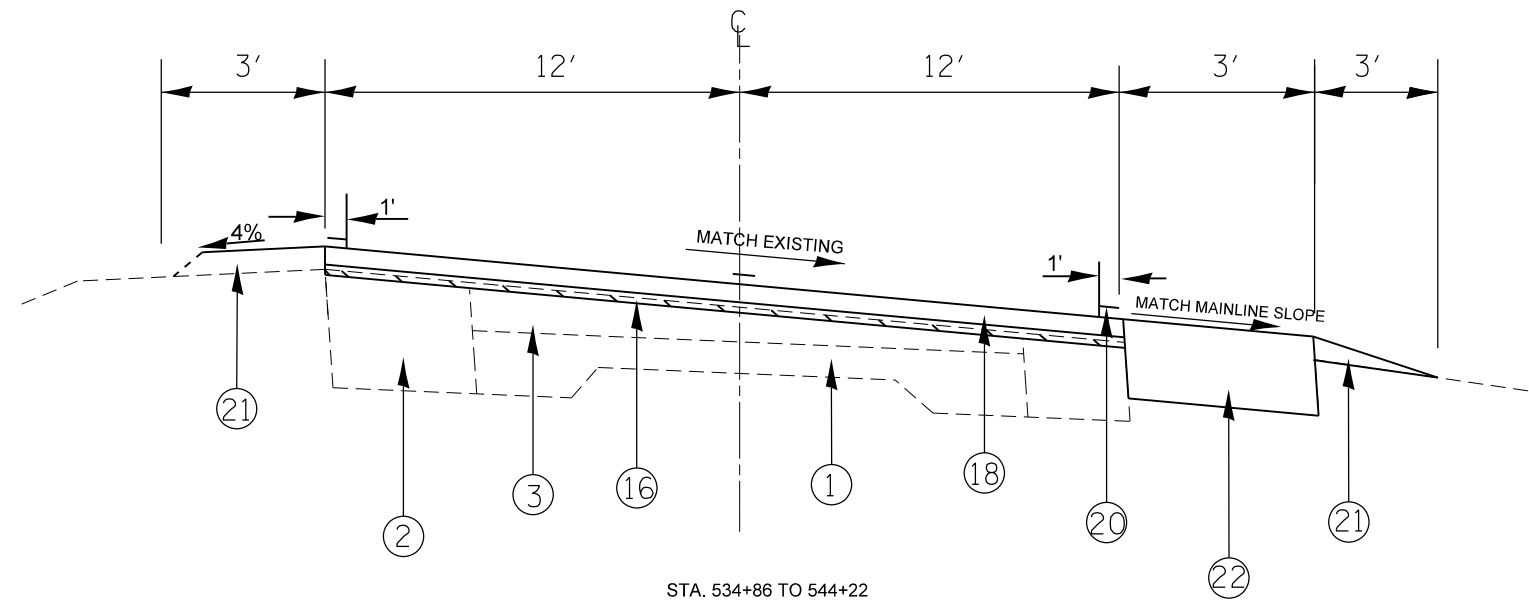
LT. & RT. STA. 544+22 TO 557+83
 LT. STA. 576+00 TO 587+00
 RT. STA. 579+80 TO 587+00

LEGEND

- 1. EXISTING PCC PAVEMENT 9"
- 2. EXISTING HMA BASE COURSE WIDENING 9"
- 3. EXISTING HMA OVERLAY 4"
- 4. EXISTING CONCRETE CURB & GUTTER
- 5. EXISTING HMA SHOULDERS
- 16. PROPOSED HMA SURFACE REMOVAL, 3/4"
- 17. PROPOSED HMA SURFACE REMOVAL 1.5"
- 18. PROPOSED HMA SURFACE COURSE, MIX "D", N50, 1.5"
- 19. PROPOSED HMA SURFACE COURSE, MIX "C", N30, 1.5"
- 20. PROPOSED EPOXY PAVEMENT MARKING
- 21. PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- 22. PROPOSED HMA SHOULDER- 8"

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING/PROPOSED TYPICAL SECTIONS			F.A.S. RTE. 2361	SECTION 101 RS-4; 102 RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 17
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					SCALE:	SHEET 17 OF 51	STA. 544+22 TO STA. 587+00	CONTRACT NO. 68982	
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -									
		DATE -	REVISED -									



LEGEND

- 1. EXISTING PCC PAVEMENT 9"
- 2. EXISTING HMA BASE COURSE WIDENING 9"
- 3. EXISTING HMA OVERLAY 4"
- 4. EXISTING CONCRETE CURB & GUTTER
- 5. EXISTING HMA SHOULDERS
- 16. PROPOSED HMA SURFACE REMOVAL, 3/4"
- 17. PROPOSED HMA SURFACE REMOVAL 1.5"
- 18. PROPOSED HMA SURFACE COURSE, MIX "D", N50, 1.5"
- 19. PROPOSED HMA SURFACE COURSE, MIX "C", N30, 1.5"
- 20. PROPOSED EPOXY PAVEMENT MARKING
- 21. PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- 22. PROPOSED HMA SHOULDER- 8"

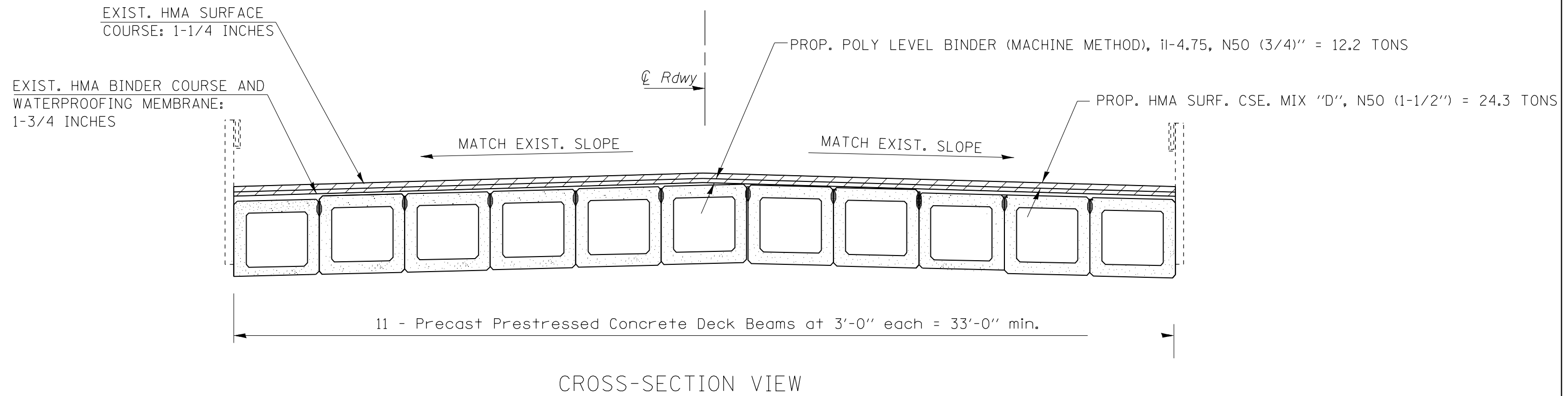
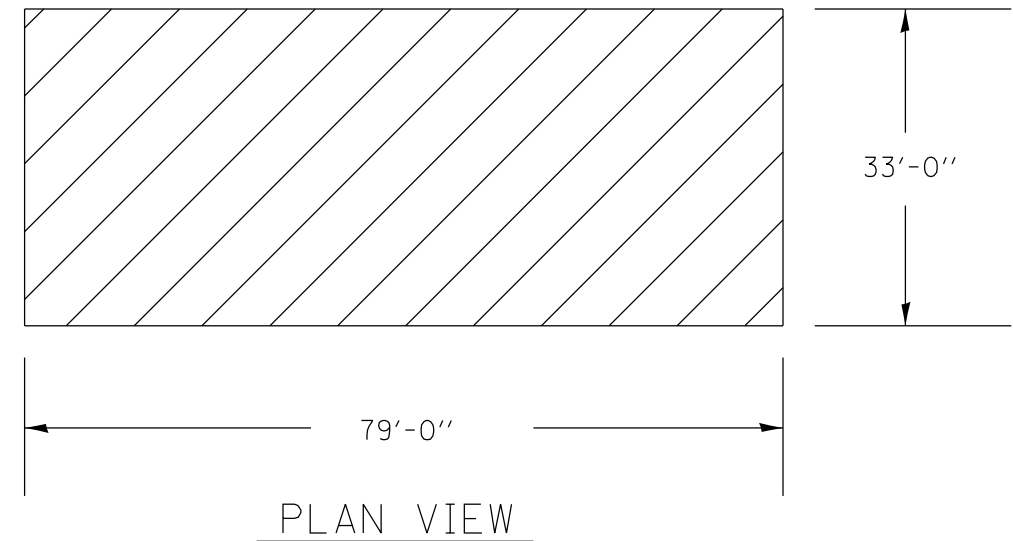
DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING/PROPOSED TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					2361	101 RS-4; 102 RS-5	MARSHALL	51	18
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -		SCALE: SHEET 18 OF 51 SHEETS STA. 534+86 TO STA. 544+22			CONTRACT NO. 68982				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

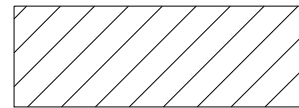
NOTES:

1. THE TRANSFER DEVICE SHALL BE EMPTIED BEFORE PAVING OVER THE STRUCTURE.
2. THE CONTRACTOR SHALL VERIFY THE DEPTH OF THE BITUMINOUS WEARING SURFACE PRIOR TO REMOVING ALL OF THE MATERIAL. THE MATERIAL THICKNESS ALONG THE CENTER OF THE STRUCTURE MAY NOT BE AS THICK AS THE TYPICAL SHOWS ON THIS SHEET. THE CONTRACTOR NEEDS TO TAKE ALL PRECAUTIONS TO NOT DAMAGE THE WATERPROOFING MEMBRANE. IF THE CONTRACTOR DAMAGES THE WATERPROOFING MEMBRANE, IT SHALL BE FIXED ACCORDING TO THE HMA SURFACE REMOVAL SPECIAL PROVISION.

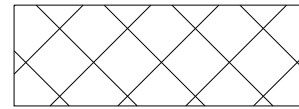
PROPOSED HMA SURFACE REMOVAL - 2-1/4 INCHES = 290 SQ. YD.



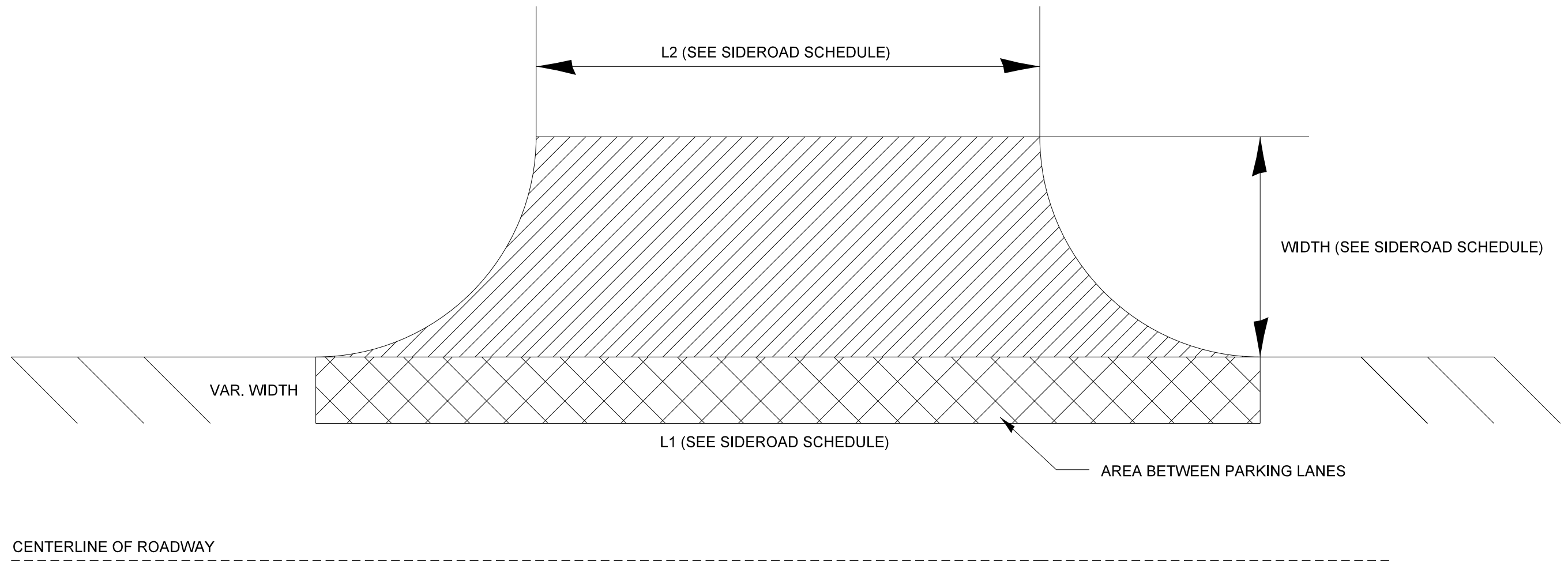
FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 062-0039 TYPICAL SECTION			F.A.S. RTE. 2361	SECTION 101 RS-4; 102 RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 19
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					SCALE:	SHEET 19 OF 51 SHEETS	STA. 530+00 TO STA. 530+24	CONTRACT NO. 68982	
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -									
		DATE -	REVISED -									



PROPOSED HMA SURF. REM. - BUTT JOINT



PROPOSED HMA SURF. REM., 1-1/2"



FILE NAME = 68982.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD DETAILS

SCALE: SHEET 20 OF 51 SHEETS

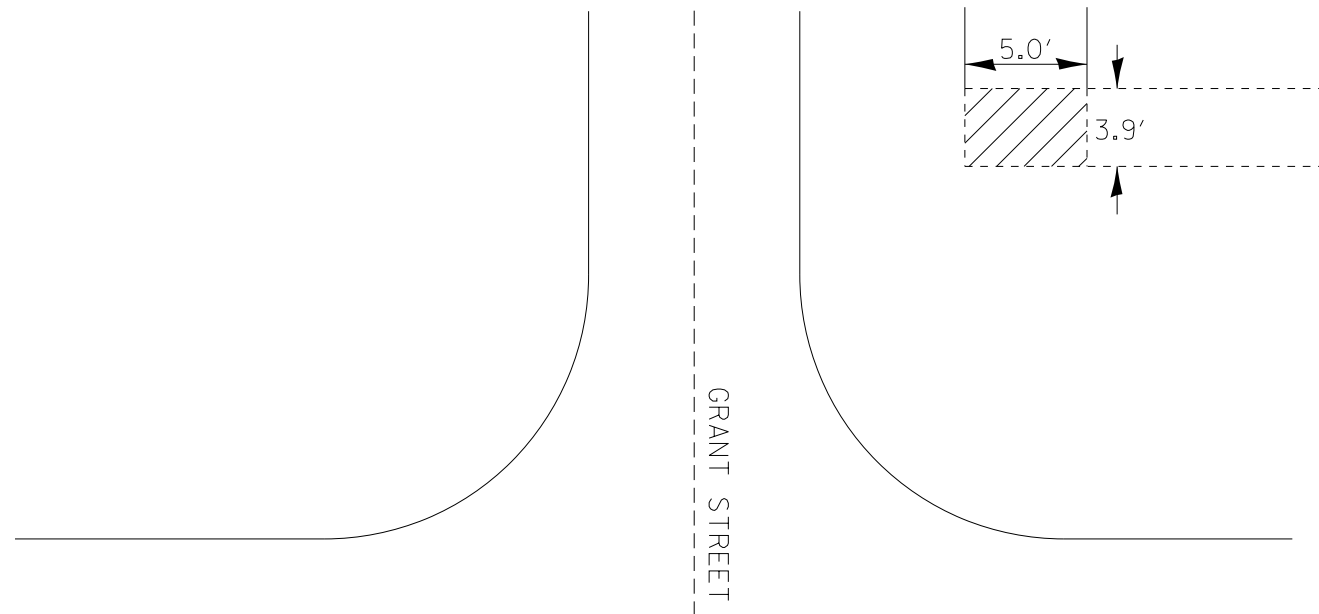
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	20
				CONTRACT NO. 68982
ILLINOIS FED. AID PROJECT				

*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X 2', UNLESS OTHERWISE NOTED.



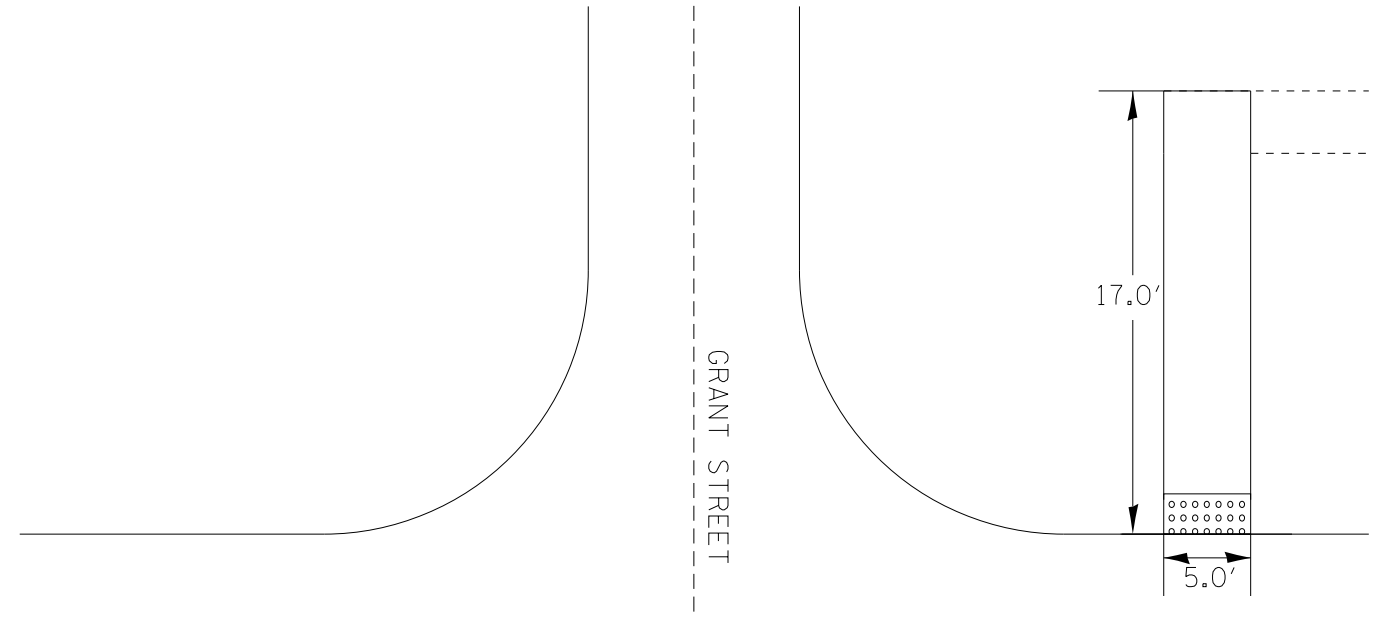
SIDEWALK REMOVAL = 19.5 SQ FT

5.0'



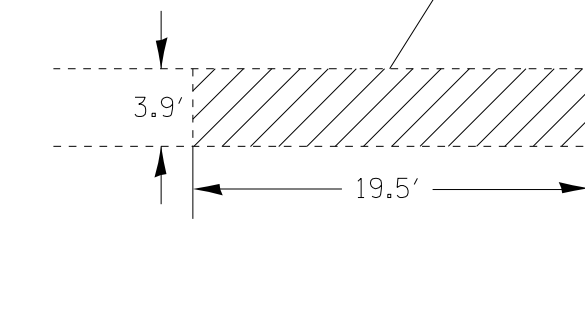
IL 117 (SANTA FE AVE)

PROP. PCC SIDEWALK = 85 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECT. WARNINGS= 10 SQ FT

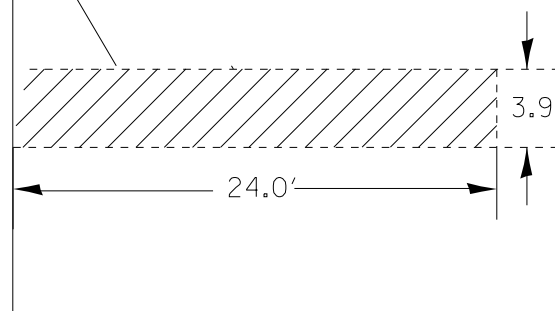


IL 117 (SANTA FE AVE)

SIDEWALK REMOVAL = 76.1 SQ FT

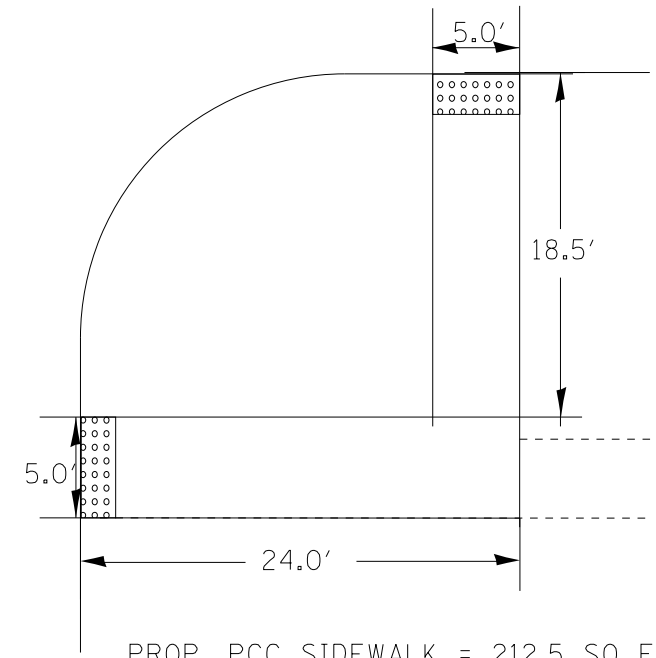
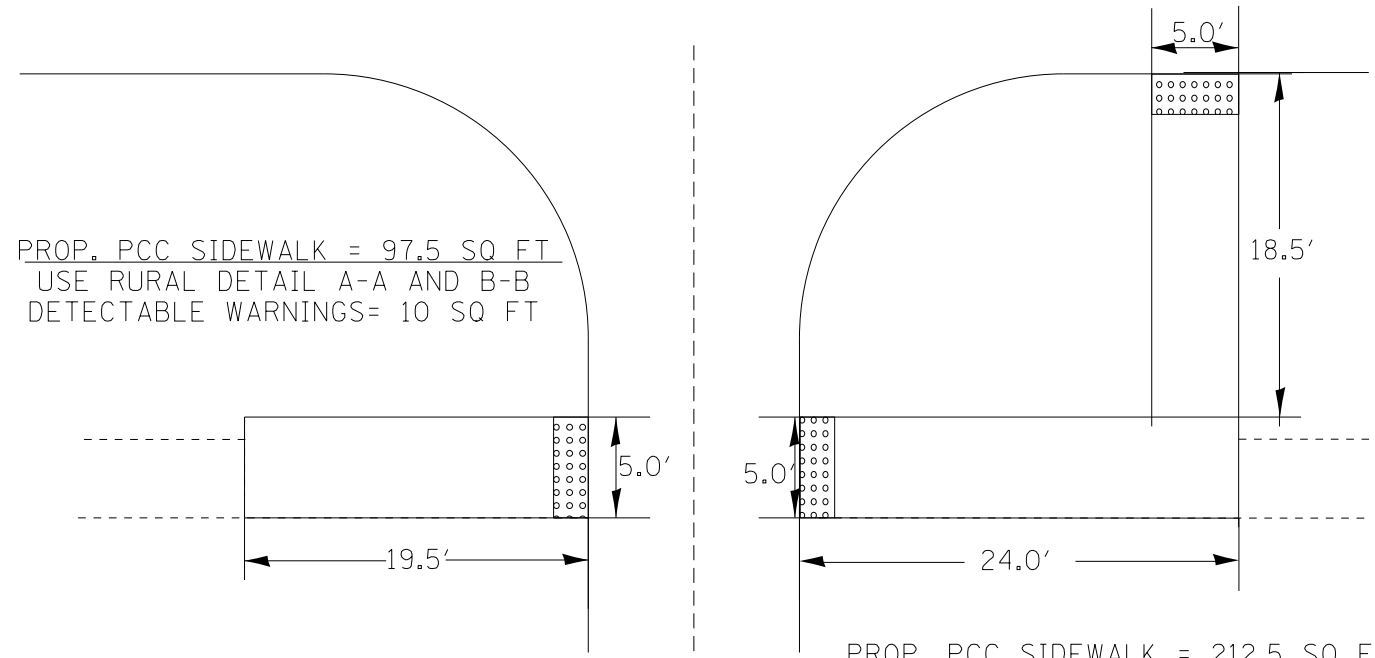


SIDEWALK REMOVAL = 93.6 SQ FT



EXISTING

PROP. PCC SIDEWALK = 97.5 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 10 SQ FT



PROP. PCC SIDEWALK = 212.5 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS = 20 SQ FT

PROPOSED

REMOVAL

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

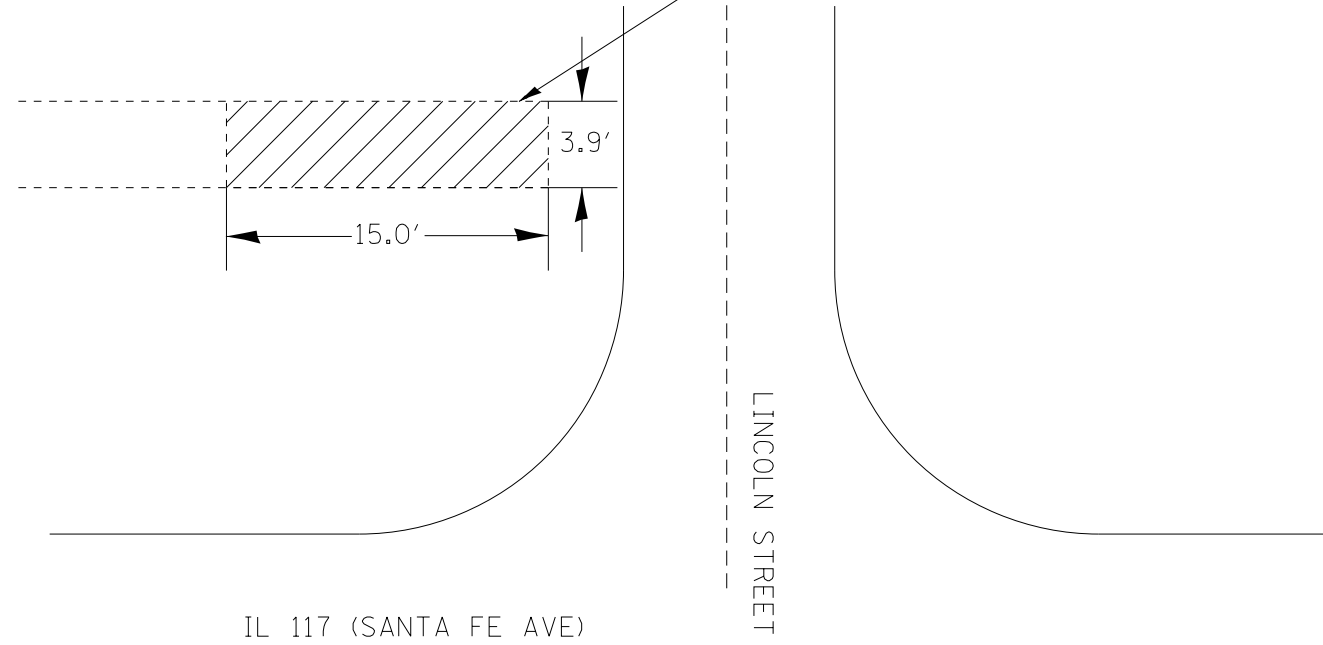
SIDEWALK DETAILS (IL 117/SANTA FE AND GRANT)

SCALE: SHEET 21 OF 51 SHEETS STA. 550+50 TO STA. 551+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	21
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

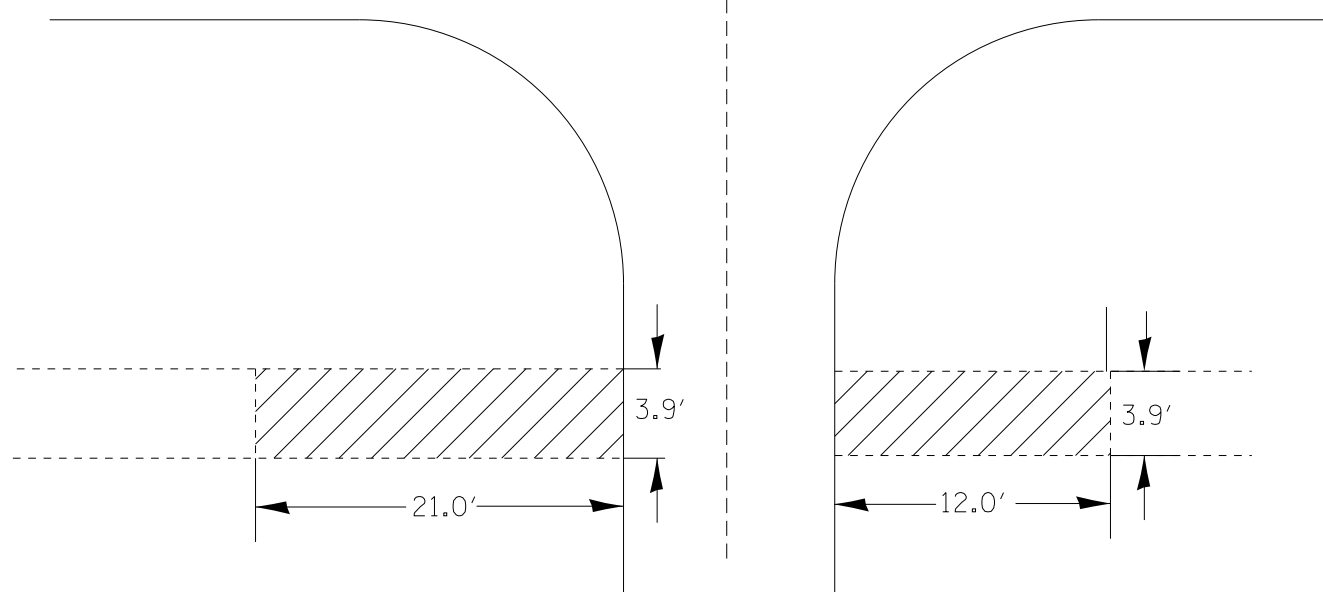
*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.

SIDEWALK REMOVAL = 58.5 SQ FT

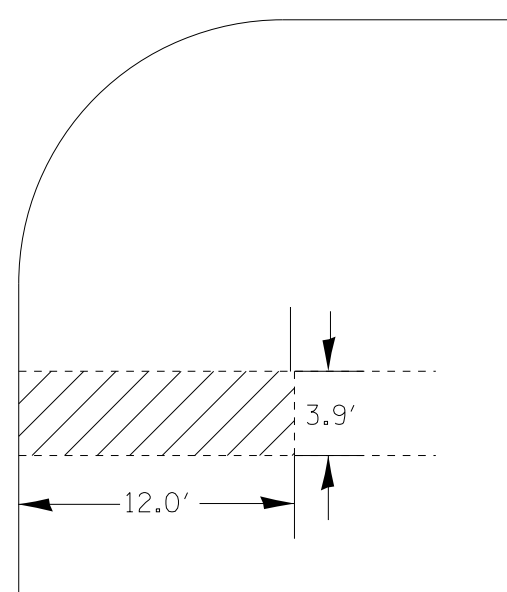


IL 117 (SANTA FE AVE)

LINCOLN STREET



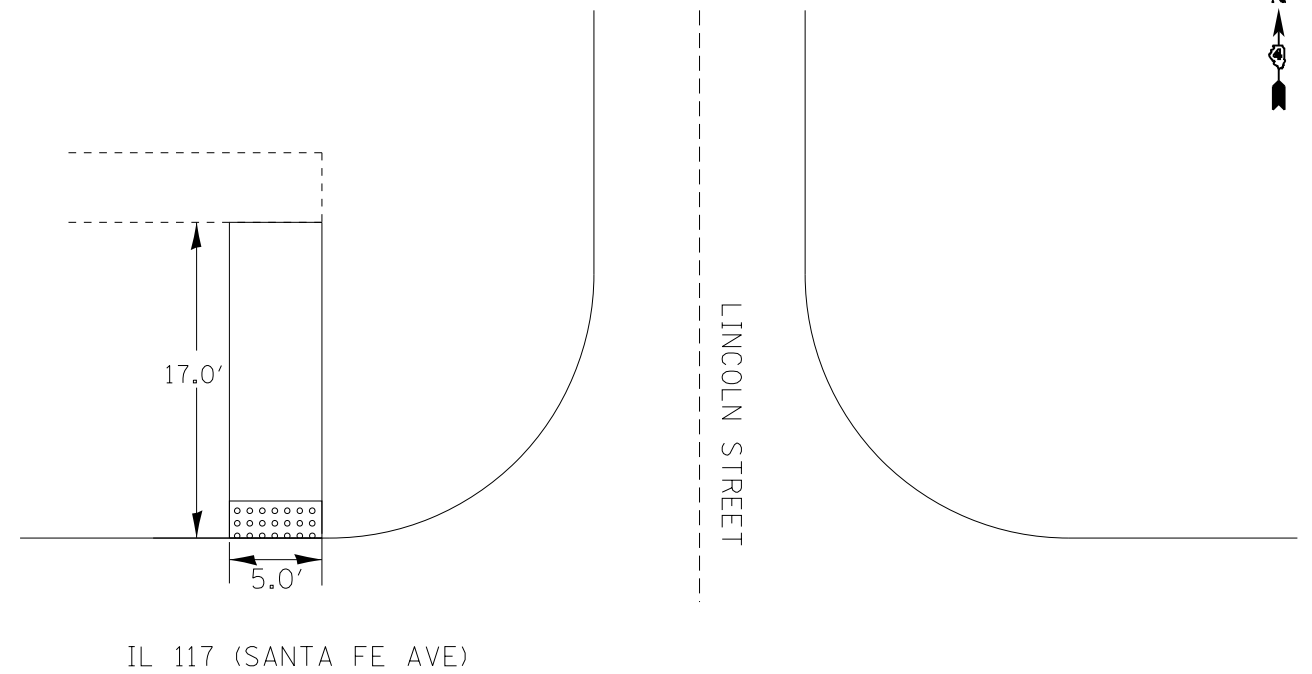
SIDEWALK REMOVAL = 62.4 SQ FT



SIDEWALK REMOVAL = 46.8 SQ FT

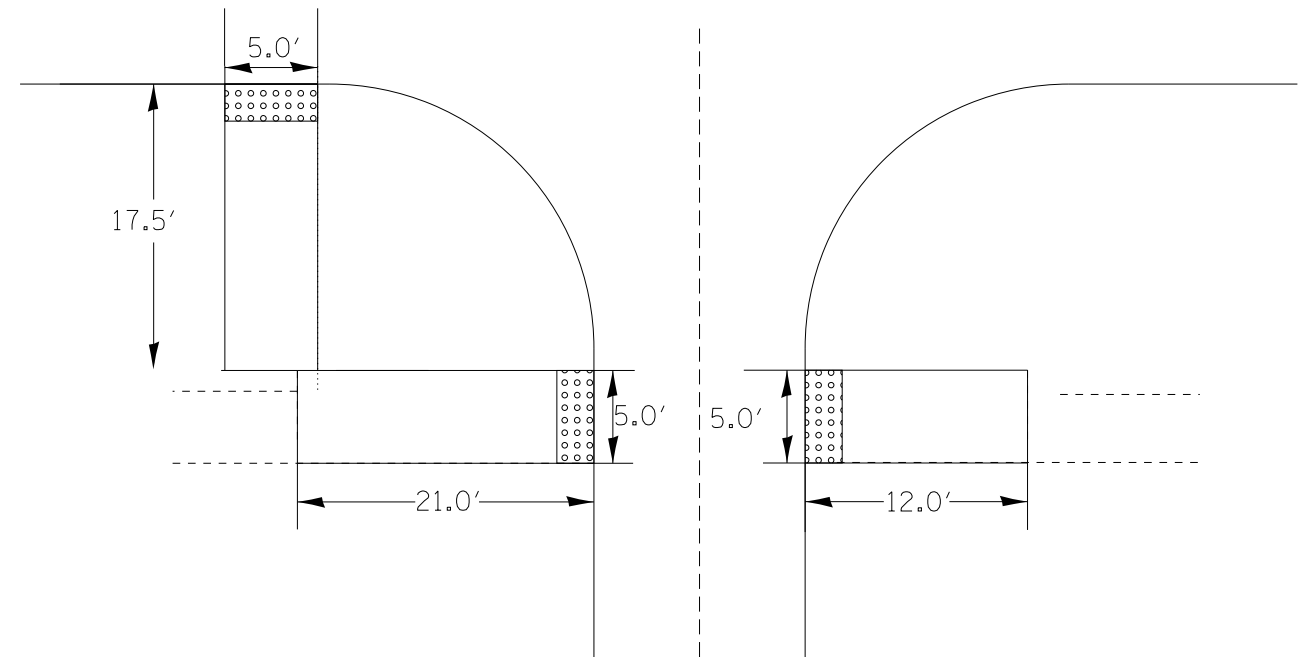
EXISTING

PROP. PCC SIDEWALK = 85 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 10 SQ FT



IL 117 (SANTA FE AVE)

LINCOLN STREET



PROP. PCC SIDEWALK = 167.5 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 20 SQ FT

PROP. PCC SIDEWALK = 60 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 10 SQ FT

PROPOSED



REMOVAL

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

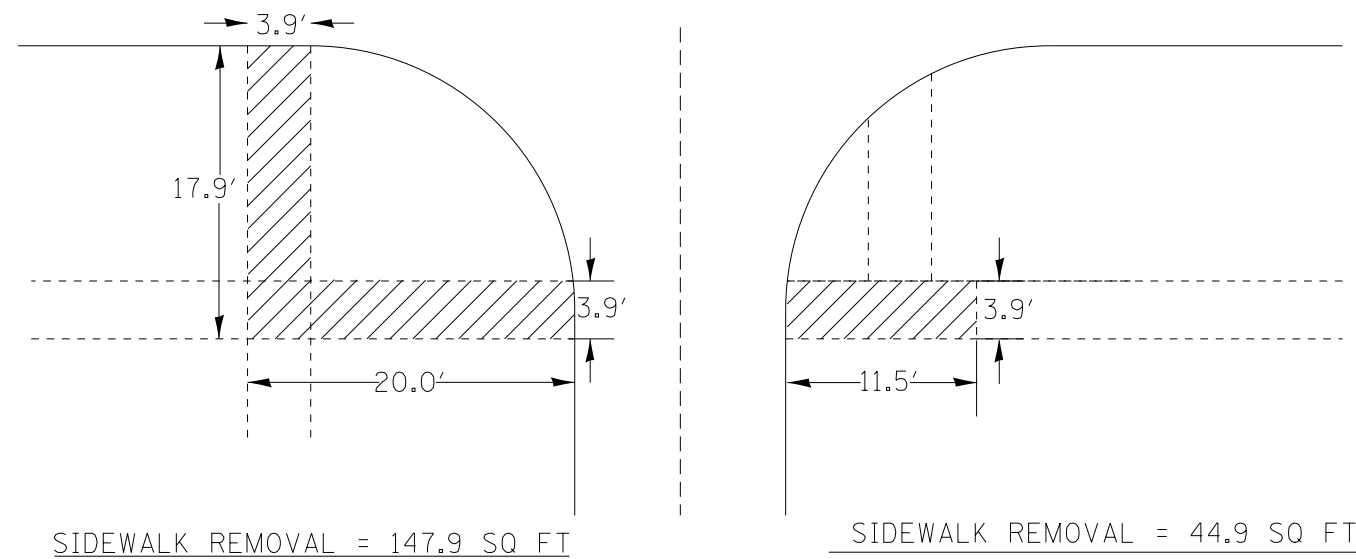
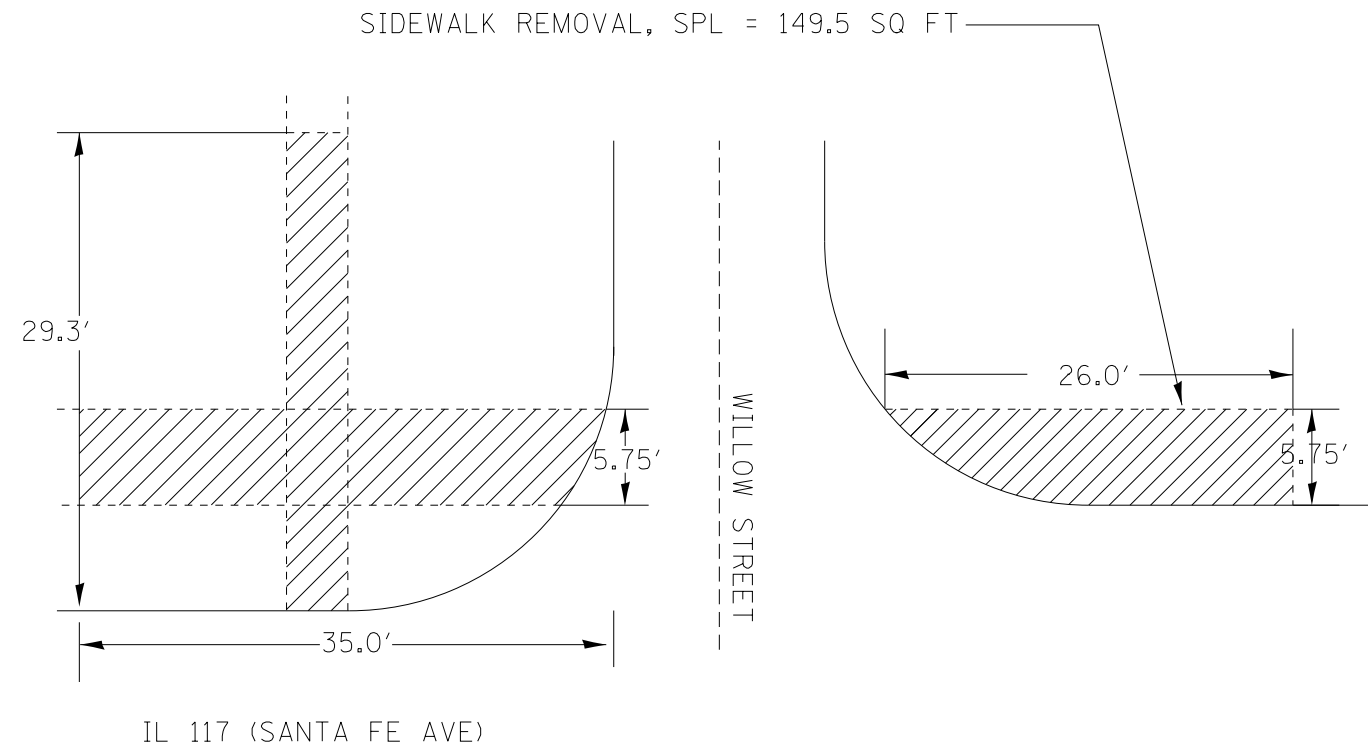
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117/SANTA FE AND LINCOLN ST)

SCALE: SHEET 22 OF 51 SHEETS STA. 554+00 TO STA. 554+70

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	22
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

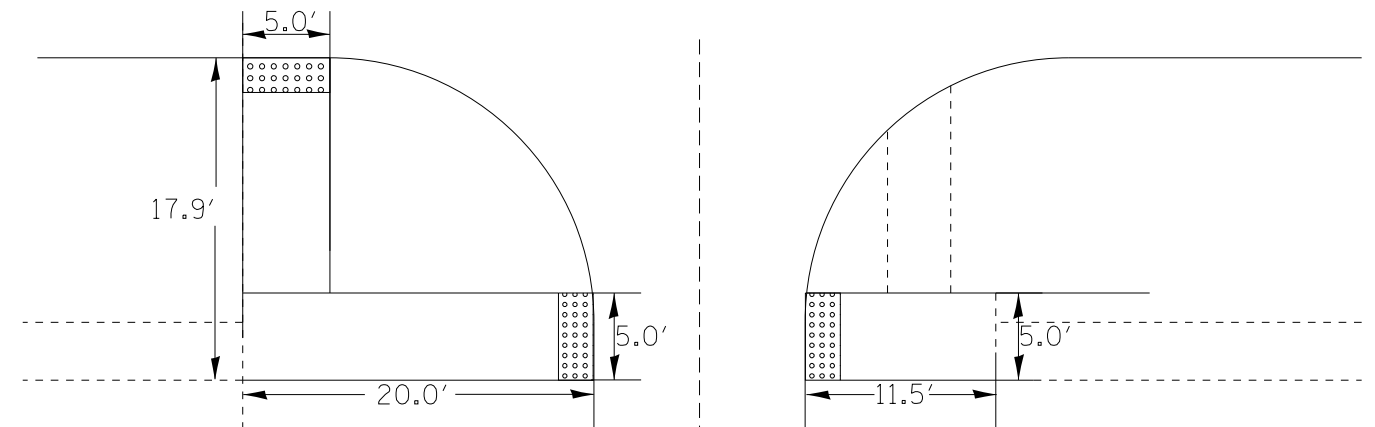
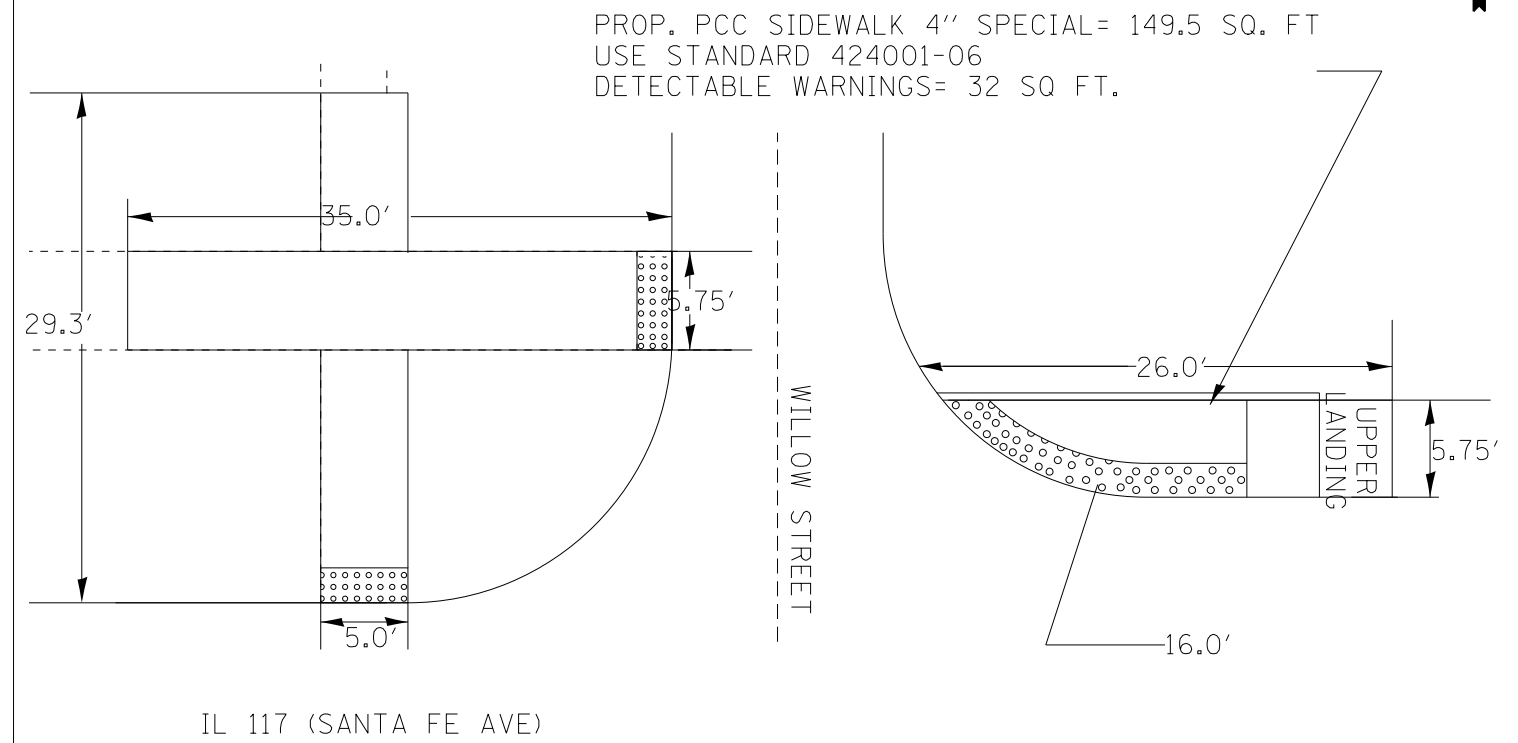
*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.



EXISTING

REMOVAL

PROP. PCC SIDEWALK = 347.8 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 20 SQ FT



PROP. PCC SIDEWALK = 189.5 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 20 SQ FT

PROPOSED

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117/SANTA FE) AND WILLOW ST.)

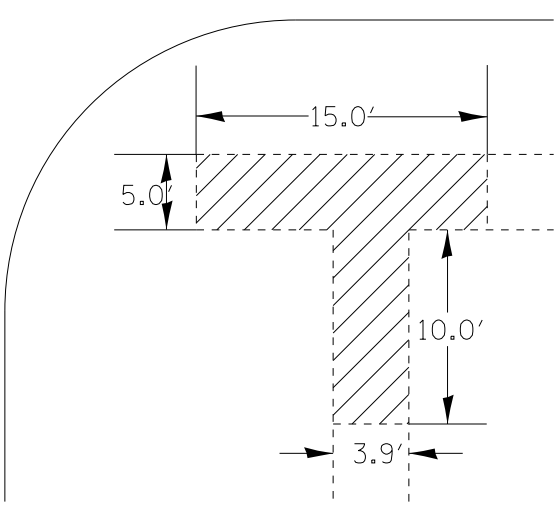
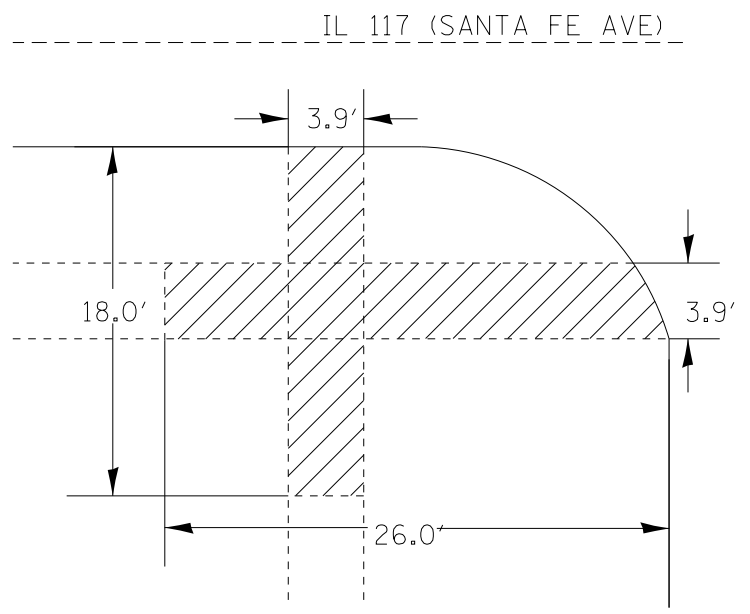
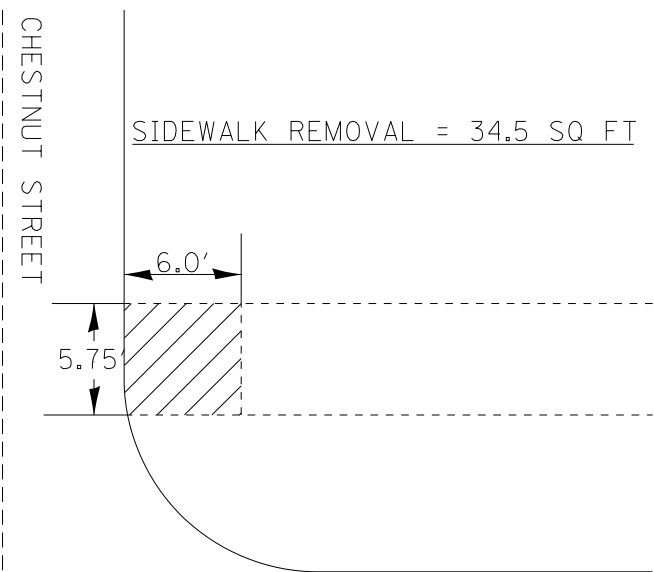
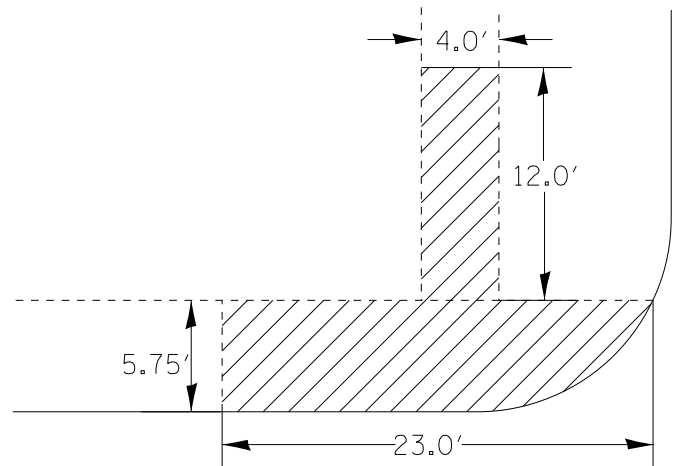
SCALE: SHEET 23 OF 51 SHEETS STA. 557+50 TO STA. 557+70

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	23
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.



SIDEWALK REMOVAL, SPL = 180.3 SQ FT



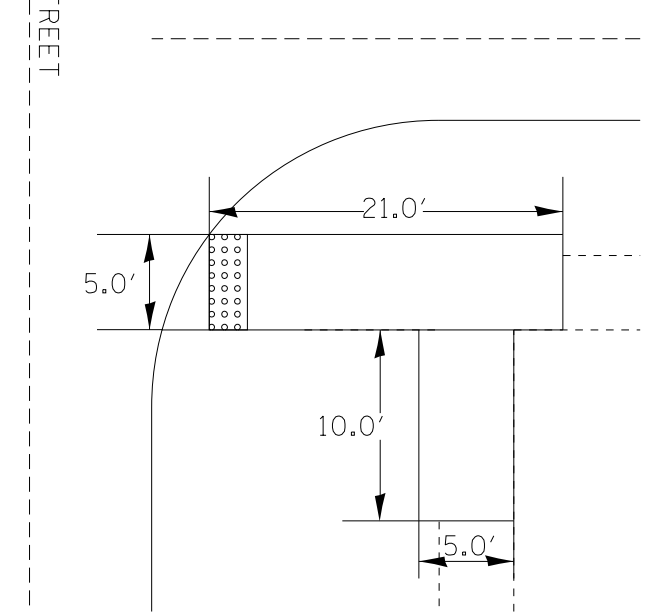
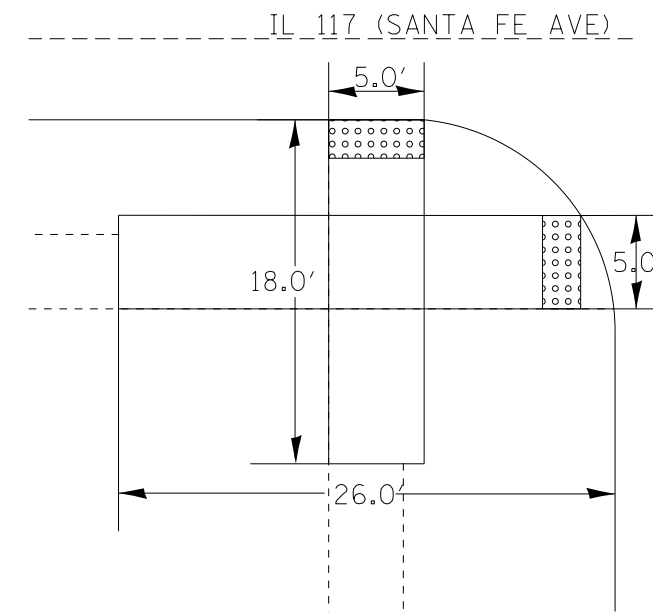
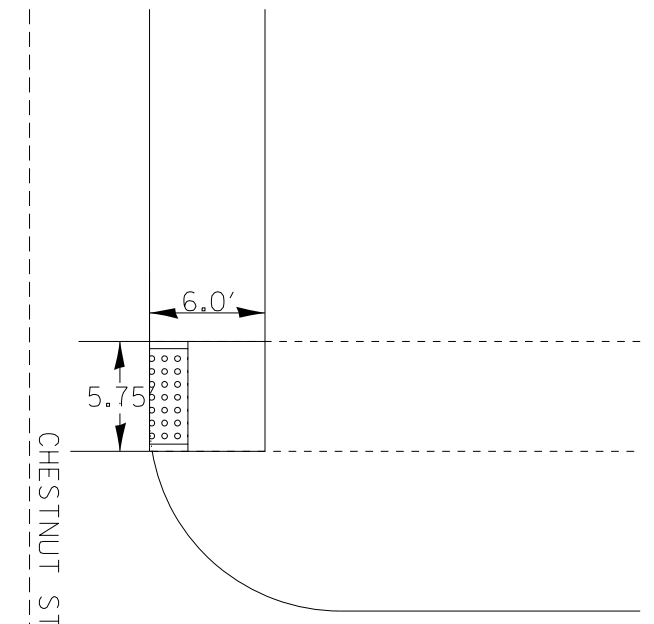
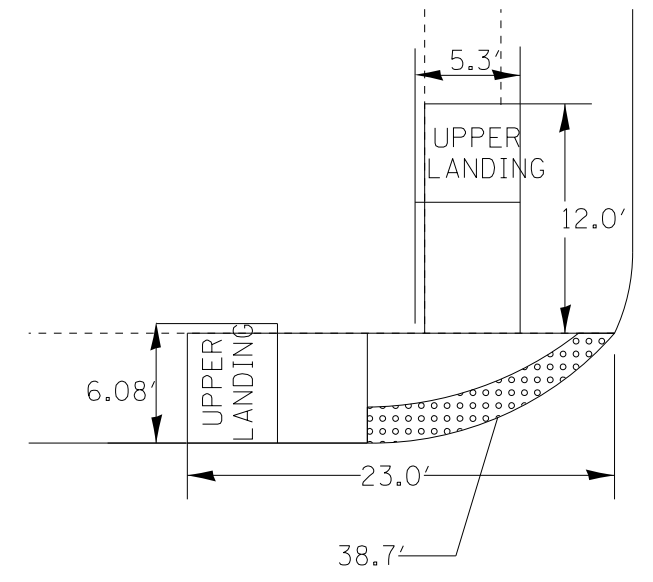
SIDEWALK REMOVAL = 171.6 SQ FT

SIDEWALK REMOVAL = 114 SQ FT

EXISTING

PROP. PCC SIDEWALK 4" SPL= 192.3 SQ. FT
USE STANDARD 424021
DETECTABLE WARNINGS= 77.5 SQ FT.

PROP. PCC SIDEWALK = 34.5 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 10 SQ FT



PROP. PCC SIDEWALK= 220 SQ. FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 20 SQ FT.

PROP. PCC SIDEWALK = 155 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 10 SQ FT

PROPOSED

REMOVAL

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117/SANTA FE AND CHESTNUT ST)

SCALE: SHEET 24 OF 51 SHEETS STA. 561+00 TO STA. 561+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	24
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.

SIDEWALK REMOVAL SPECIAL = 38.0 SQ FT

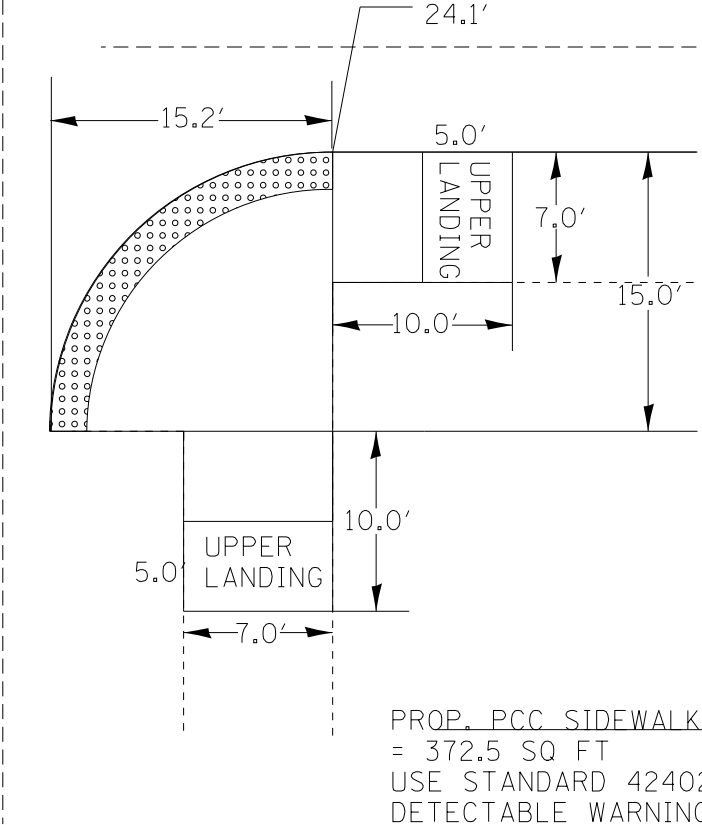
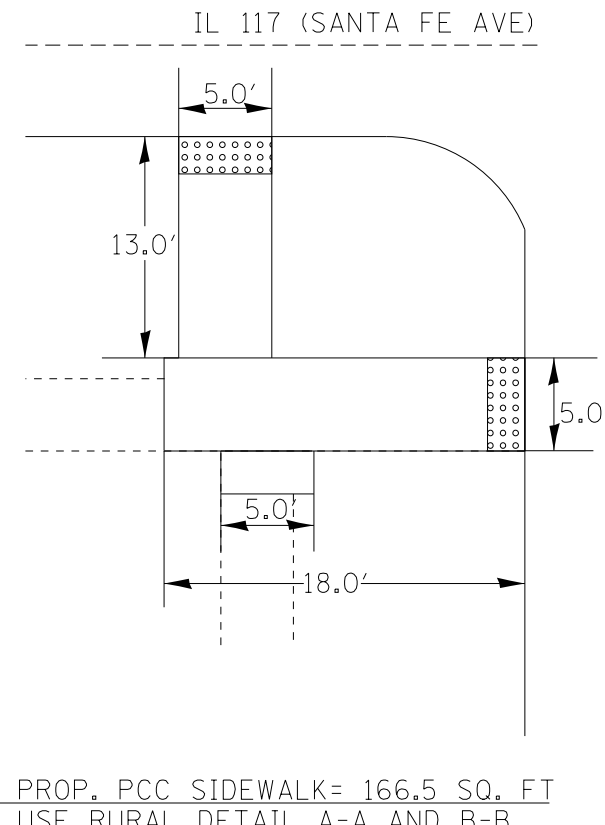
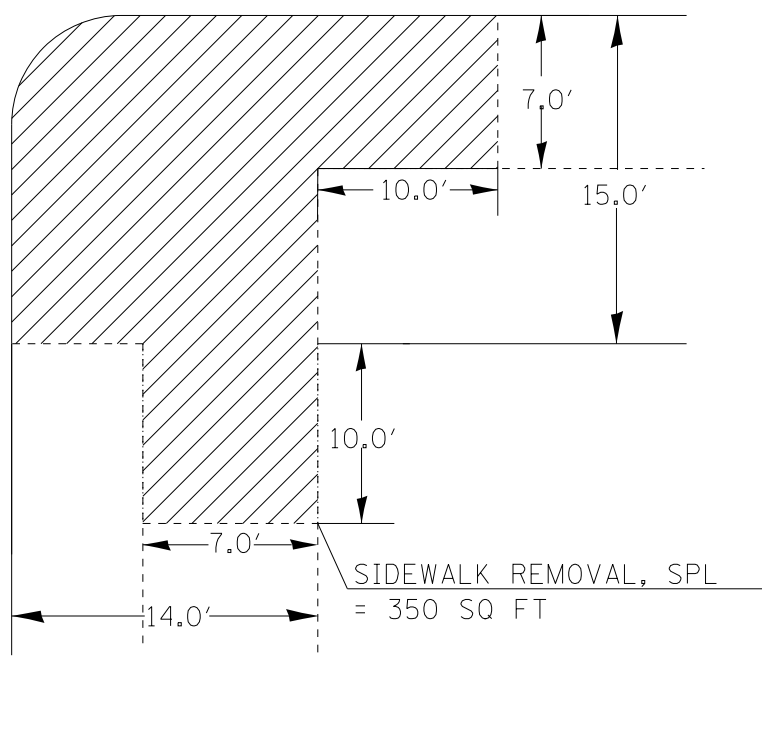
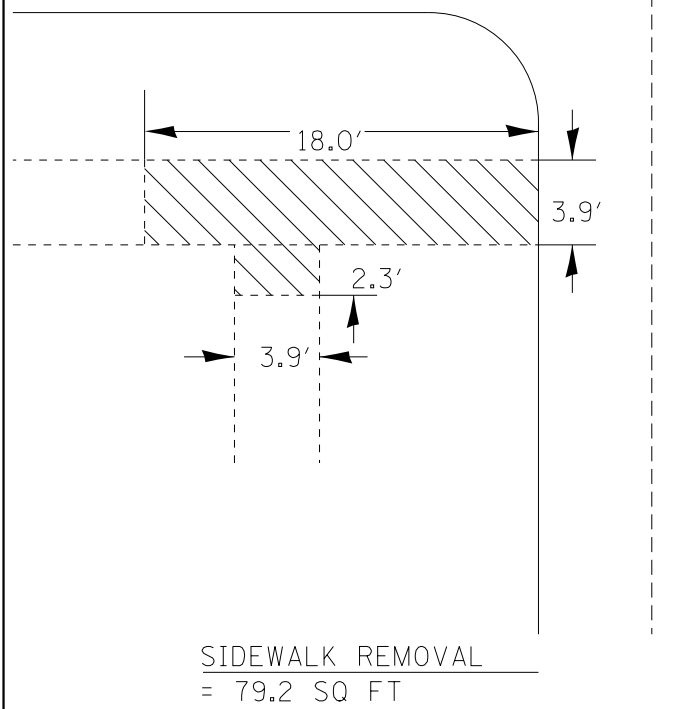
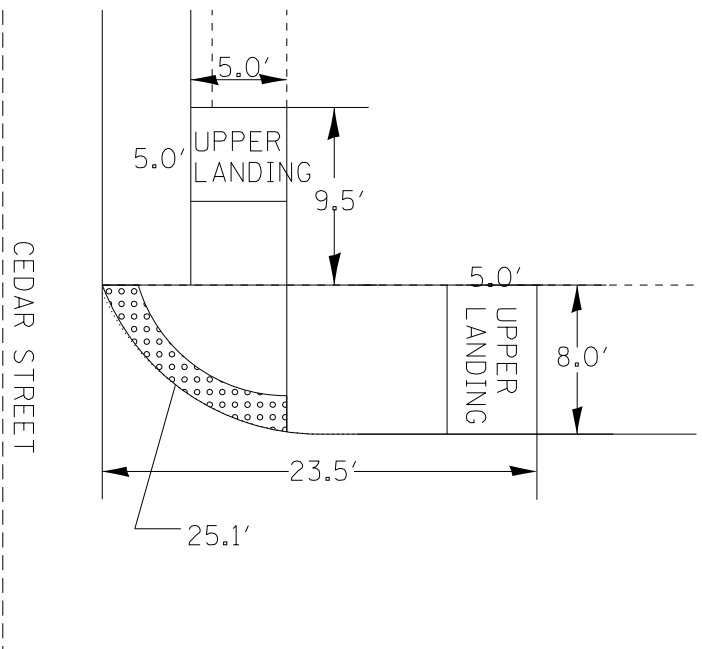
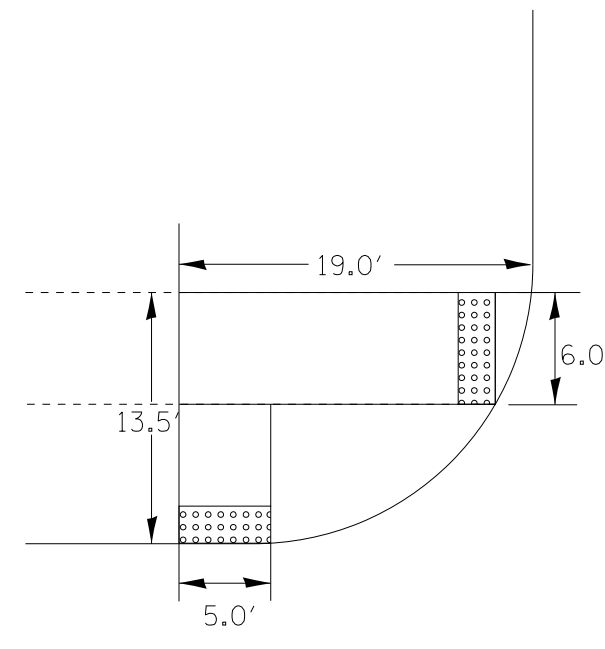
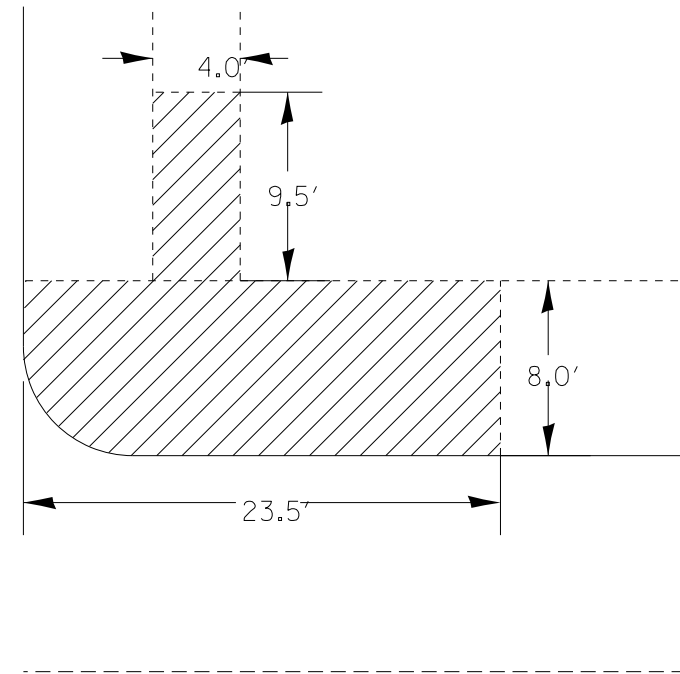
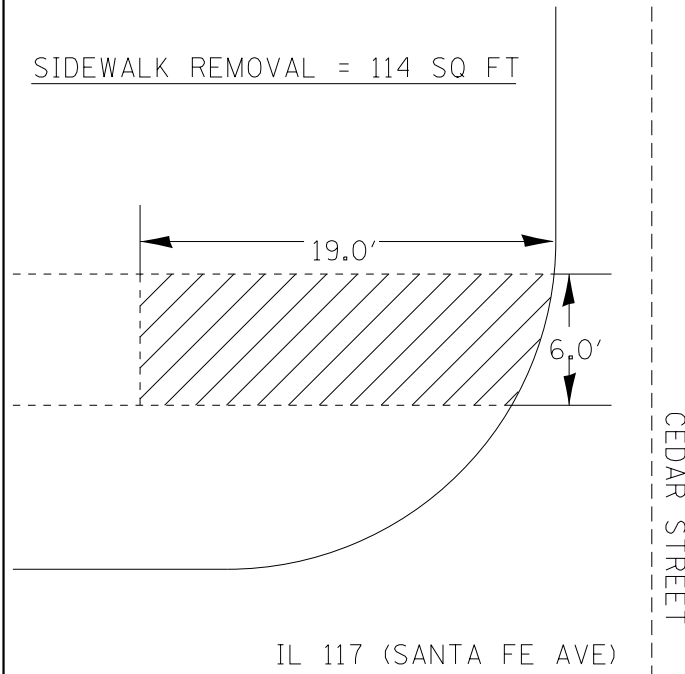
SIDEWALK REMOVAL = 188.0 SQ FT

SIDEWALK REMOVAL = 114 SQ FT

PROP. PCC SIDEWALK= 181.5 SQ. FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS= 20 SQ FT.

PROP. PCC SIDEWALK 4", SPL = 188.0 SQ FT
USE STANDARD 424021
DETECTABLE WARNINGS = 50.3 SQ FT

PROP. PCC SIDEWALK = 47.5 SQ FT



EXISTING

PROPOSED

REMOVAL

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117/SANTA FE AND CEDAR ST)

SCALE: SHEET 25 OF 51 SHEETS STA. 564+50 TO STA. 565+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	25
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				





IL 117 (SANTA FE AVE)



ALLEY



SIDEWALK REMOVAL, SPL = 56.0 SQ FT

SIDEWALK REMOVAL, SPL = 56.0 SQ FT

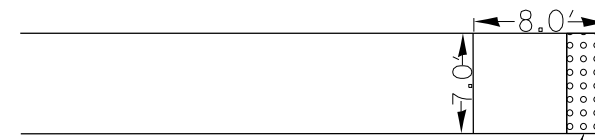
EXISTING

REMOVAL

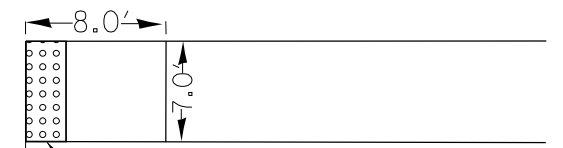
PROP. PCC SIDEWALK 4" SPL= 56.0 SQ. FT
DETECTABLE WARNINGS= 14.0 SQ FT.

PROP. PCC SIDEWALK 4", SPL= 56.0 SQ. FT.
DETECTABLE WARNINGS= 14.0 SQ FT.

IL 117 (SANTA FE AVE)



ALLEY



7'X2' DETECTABLE WARNING

7'X2' DETECTABLE WARNING

PROPOSED

*USE ENTRANCE/ALLEY PEDESTRIAN CROSSING STANDARD 424026

FILE NAME = 68982.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

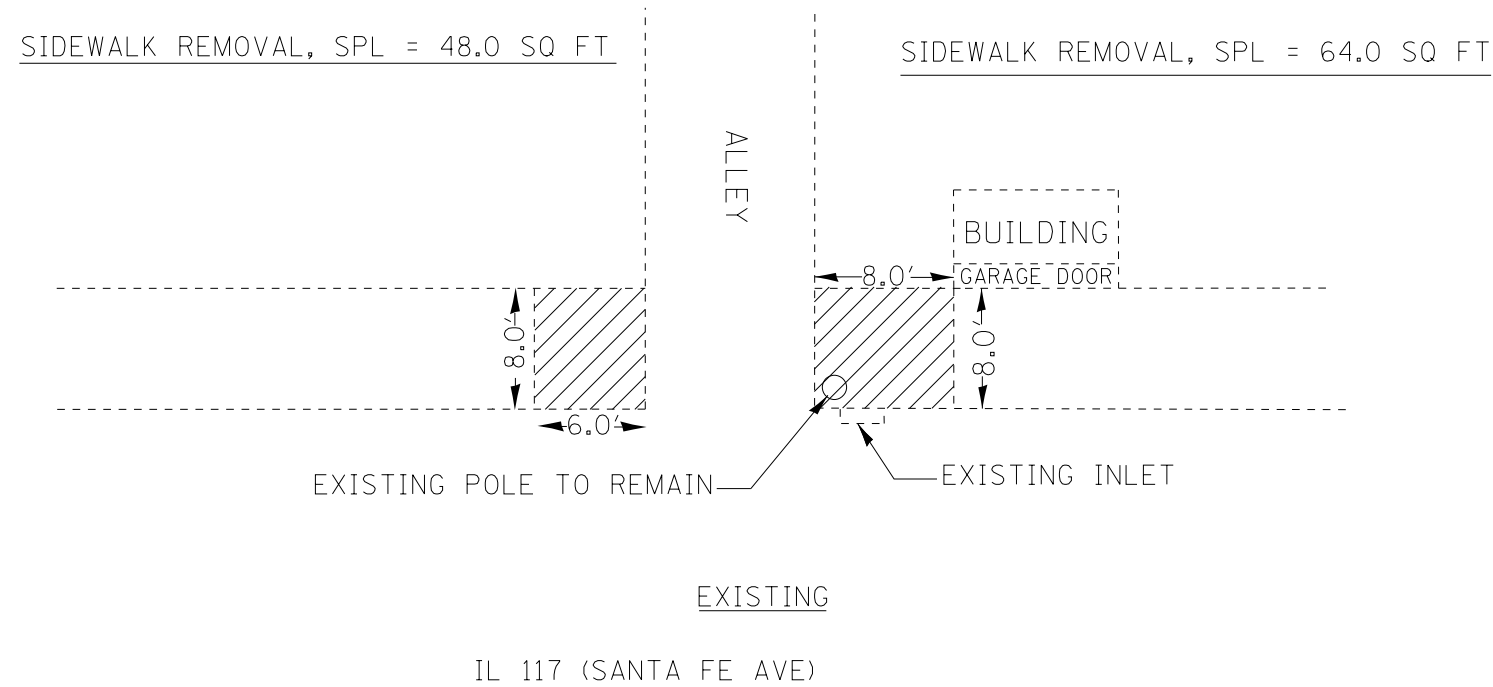
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RT STA. 566+70 AT ALLEY SIDEWALK DETAIL

SCALE: SHEET 26 OF 51 SHEETS STA. 566+70

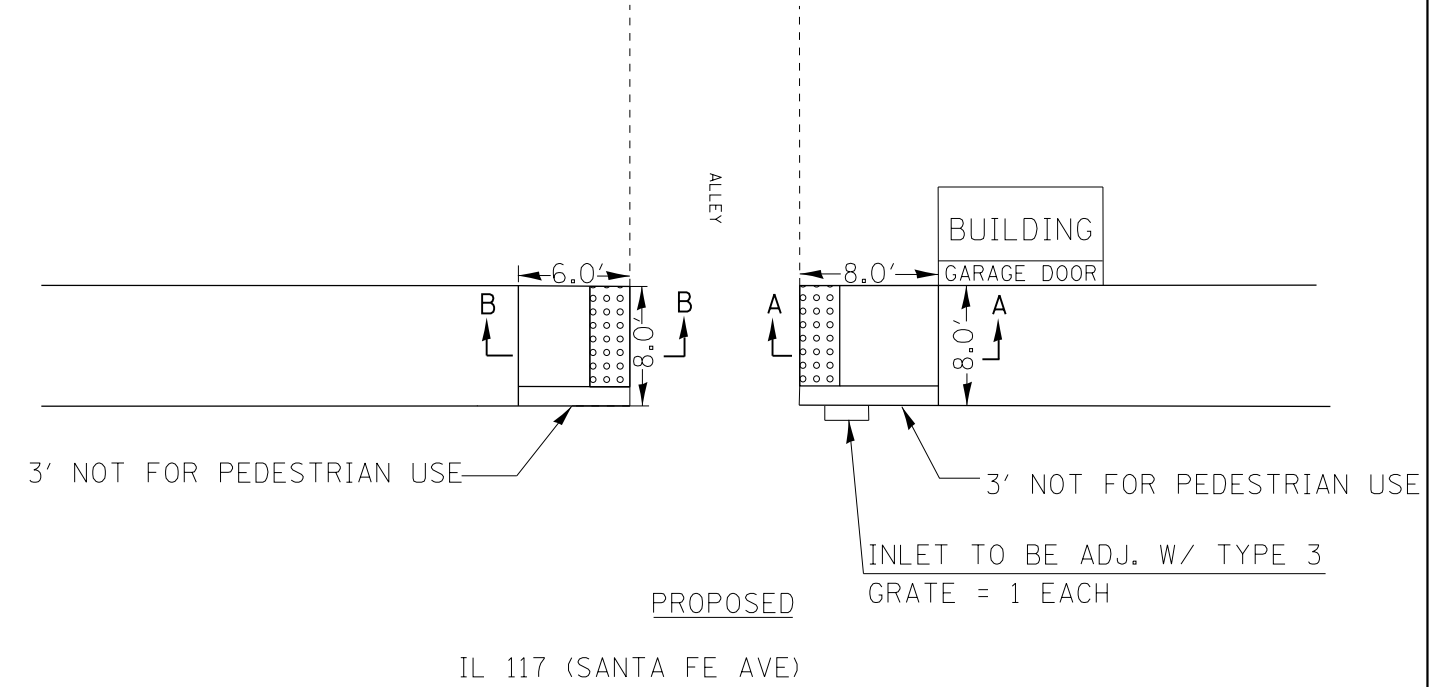
F.A.S. 2361	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10IRS-4;102RS-5	MARSHALL	51	26
CONTRACT NO. 68982			ILLINOIS FED. AID PROJECT	

*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.

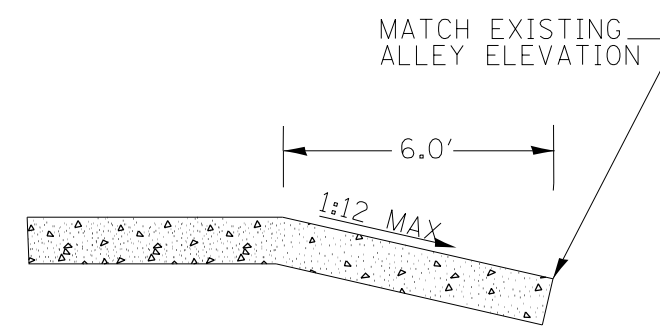


PROP. PCC SIDEWALK 4", SPL= 48.0 SQ. FT
DETECTABLE WARNINGS= 10.0 SQ FT.

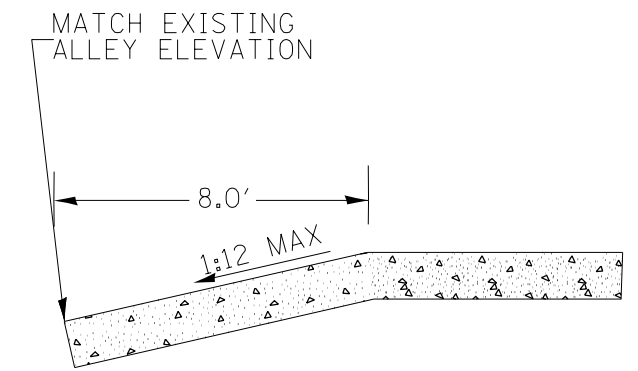
PROP. PCC SIDEWALK 4", SPL= 64.0 SQ. FT
DETECTABLE WARNINGS= 10.0 SQ FT.



REMOVAL



SECTION B-B



SECTION A-A

PROPOSED

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LT STA. 566 + 70 AT ALLEY SIDEWALK DETAIL

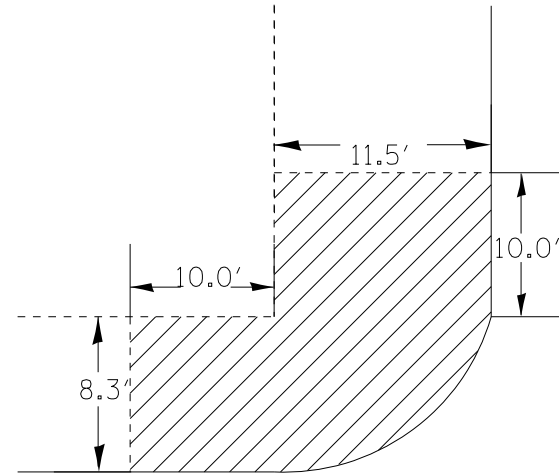
SCALE: SHEET 27 OF 51 SHEETS STA. 566+70

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101RS-4;102RS-5	MARSHALL	51	27
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

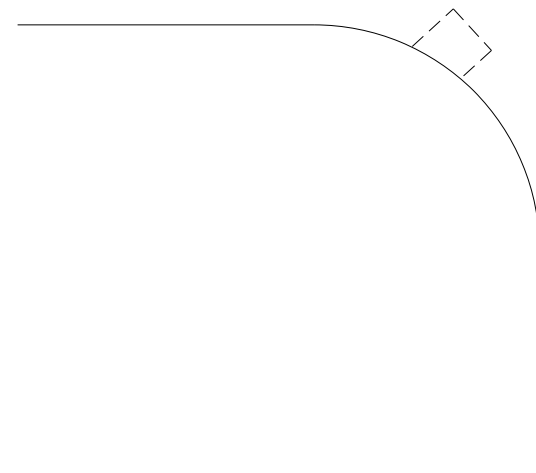
*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.



SIDEWALK REMOVAL, SPL = 293.5 SQ FT

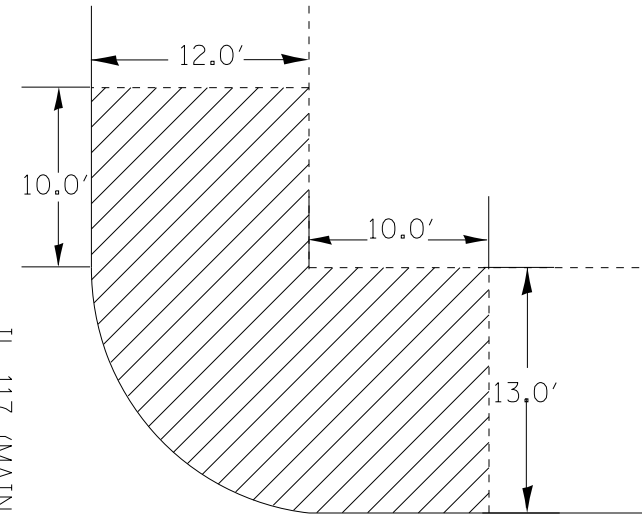


IL 117 (SANTA FE AVE)

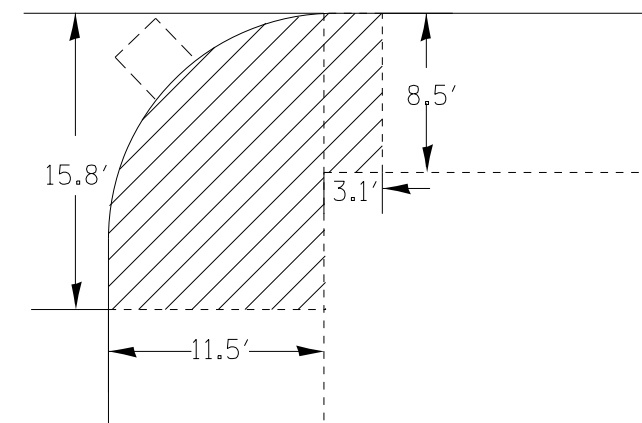


EXISTING

SIDEWALK REMOVAL, SPL = 406 SQ FT

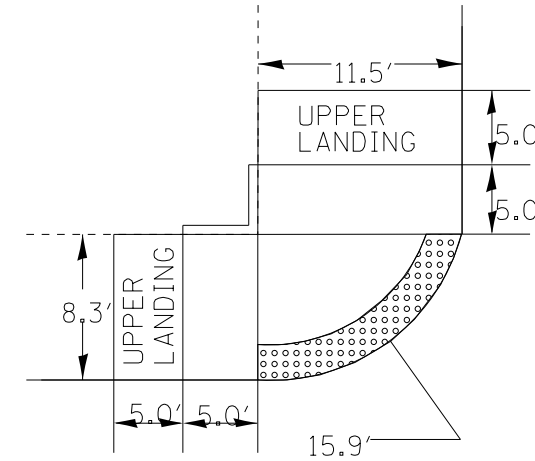


SANTA FE AVE

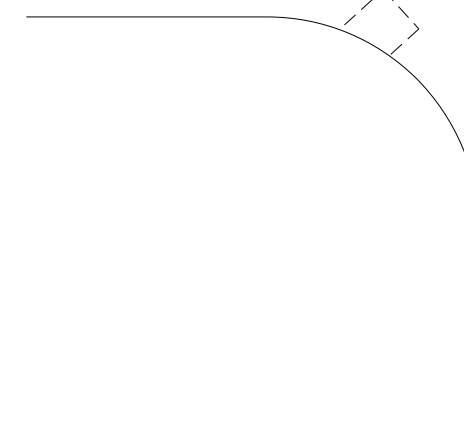


SIDEWALK REMOVAL, SPL = 208.1 SQ FT

PROP. PCC SIDEWALK 4", SPL= 293.5 SQ FT
USE STANDARD 424021
DETECTABLE WARNINGS= 31.8 SQ FT

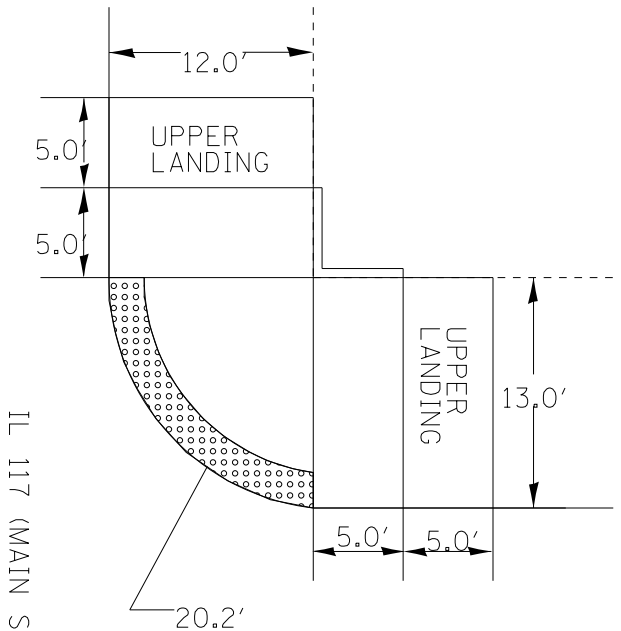


IL 117 (SANTA FE AVE)

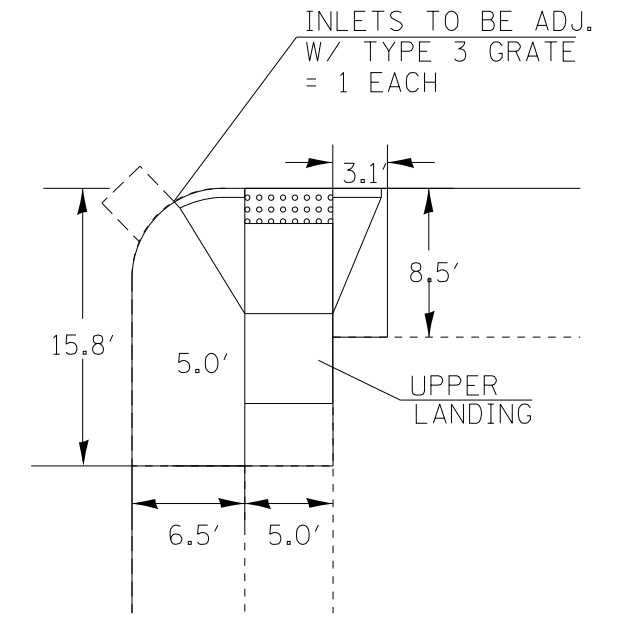


DRAWING NOT TO SCALE

PROP. PCC SIDEWALK 4", SPL= 406 SQ FT
USE STANDARD 424021
DETECTABLE WARNINGS= 40.5 SQ FT



SANTA FE AVE



PROP. PCC SIDEWALK 4", SPL = 208.1 SQ FT
USE STANDARD 424001-06
DETECTABLE WARNINGS= 10 SQ FT

REMOVAL

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117 AND SANTA FE)

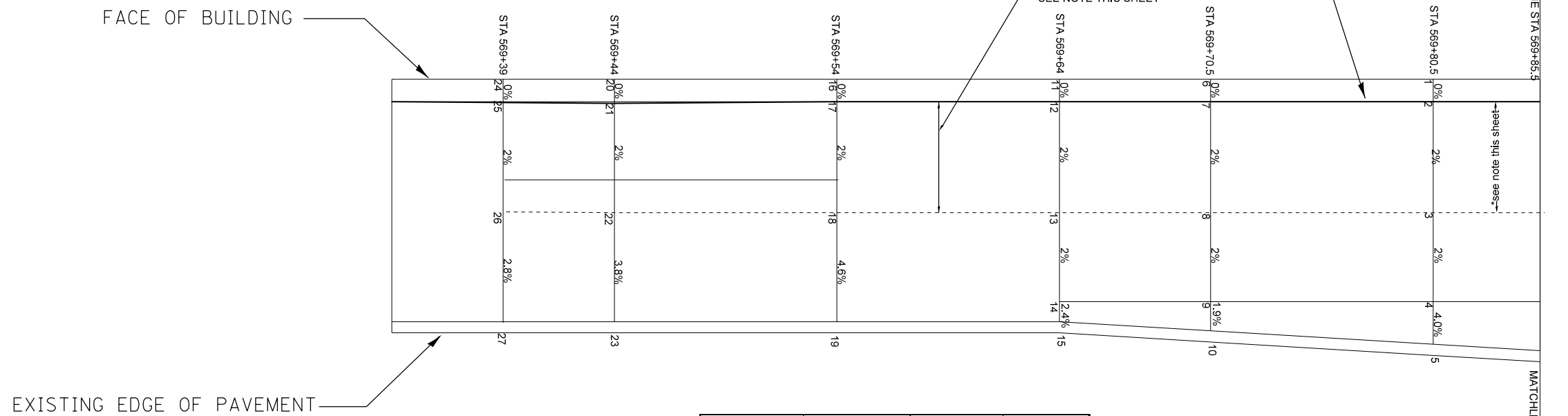
SCALE: SHEET 28 OF 51 SHEETS STA. 568+70

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	28
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

NOTE: PEDESTRIAN ACCESS ROUTE
(5FT MIN. PATH WITH A CROSS-SLOPE OF 2% MAX.)

SEE SCHEDULES FOR REMOVAL AND PROPOSED QUANTITIES

1 FT RELIEF SAWCUT TO BE TO OMITTED
WITH APPROVAL OF RESIDENT.

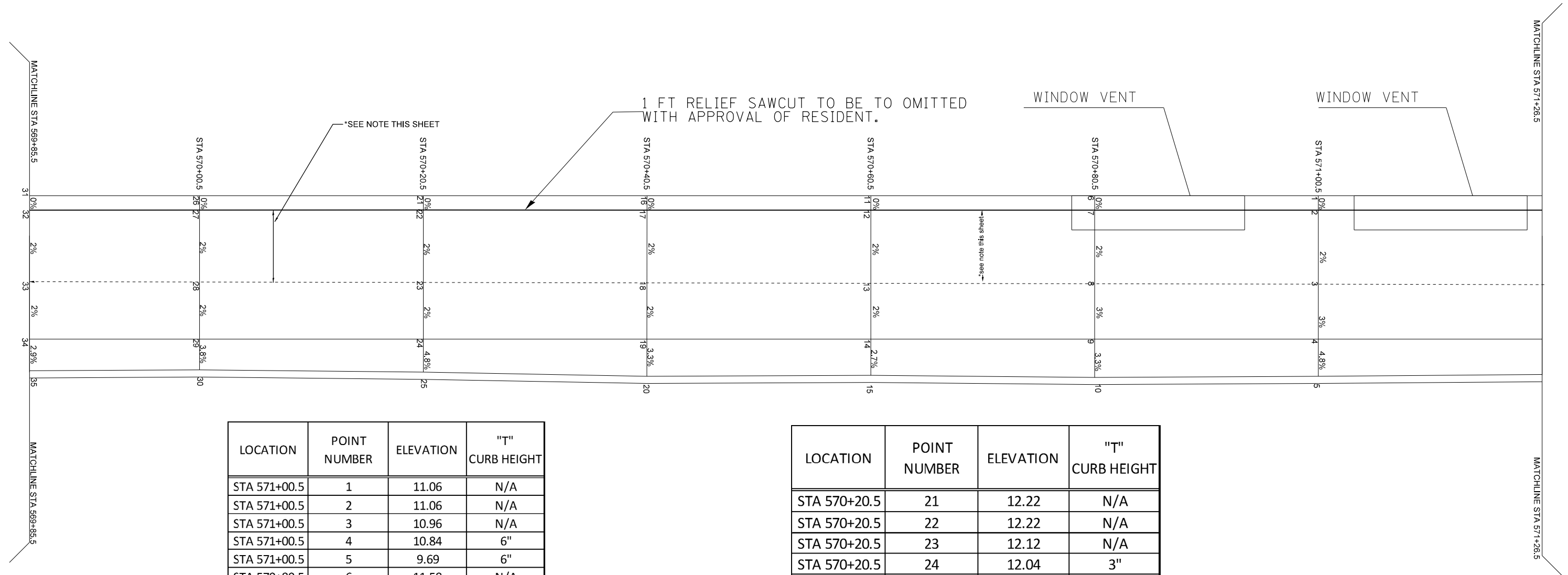


LOCATION	POINT NUMBER	ELEVATION	"T" CURB HEIGHT
STA 569+80.5	1	12.80	N/A
STA 569+80.5	2	12.80	N/A
STA 569+80.5	3	12.70	N/A
STA 569+80.5	4	12.62	2"
STA 569+80.5	5	11.85	6"
STA 569+70.5	6	12.76	N/A
STA 569+70.5	7	12.76	N/A
STA 569+70.5	8	12.66	N/A
STA 569+70.5	9	12.58	1"
STA 569+70.5	10	11.96	6"
STA 569+64	11	12.74	N/A
STA 569+64	12	12.74	N/A
STA 569+64	13	12.64	N/A
STA 569+64	14	12.56	N/A
STA 569+64	15	12.03	6"
STA 569+54	16	12.79	N/A
STA 569+54	17	12.79	N/A
STA 569+54	18	12.69	N/A
STA 569+54	19	12.05	5"
STA 569+44	20	12.84	N/A
STA 569+44	21	12.84	N/A
STA 569+44	22	12.74	N/A
STA 569+44	23	12.22	4"
STA 569+39	24	12.86	N/A
STA 569+39	25	12.86	N/A
STA 569+39	26	12.76	N/A
STA 569+39	27	12.28	4"

DRAWING NOT TO SCALE

NOTE: PEDESTRIAN ACCESS ROUTE
(5FT MIN. PATH WITH A CROSS-SLOPE OF 2% MAX.)

SEE SCHEDULES FOR REMOVAL AND PROPOSED QUANTITIES



LOCATION	POINT NUMBER	ELEVATION	"T" CURB HEIGHT
STA 571+00.5	1	11.06	N/A
STA 571+00.5	2	11.06	N/A
STA 571+00.5	3	10.96	N/A
STA 571+00.5	4	10.84	6"
STA 571+00.5	5	9.69	6"
STA 570+80.5	6	11.58	N/A
STA 570+80.5	7	11.58	N/A
STA 570+80.5	8	11.48	N/A
STA 570+80.5	9	11.36	6"
STA 570+80.5	10	10.26	6"
STA 570+60.5	11	11.76	N/A
STA 570+60.5	12	11.76	N/A
STA 570+60.5	13	11.66	N/A
STA 570+60.5	14	11.58	5"
STA 570+60.5	15	10.58	6"
STA 570+40.5	16	11.82	N/A
STA 570+40.5	17	11.82	N/A
STA 570+40.5	18	11.72	N/A
STA 570+40.5	19	11.64	4"
STA 570+40.5	20	10.71	6"

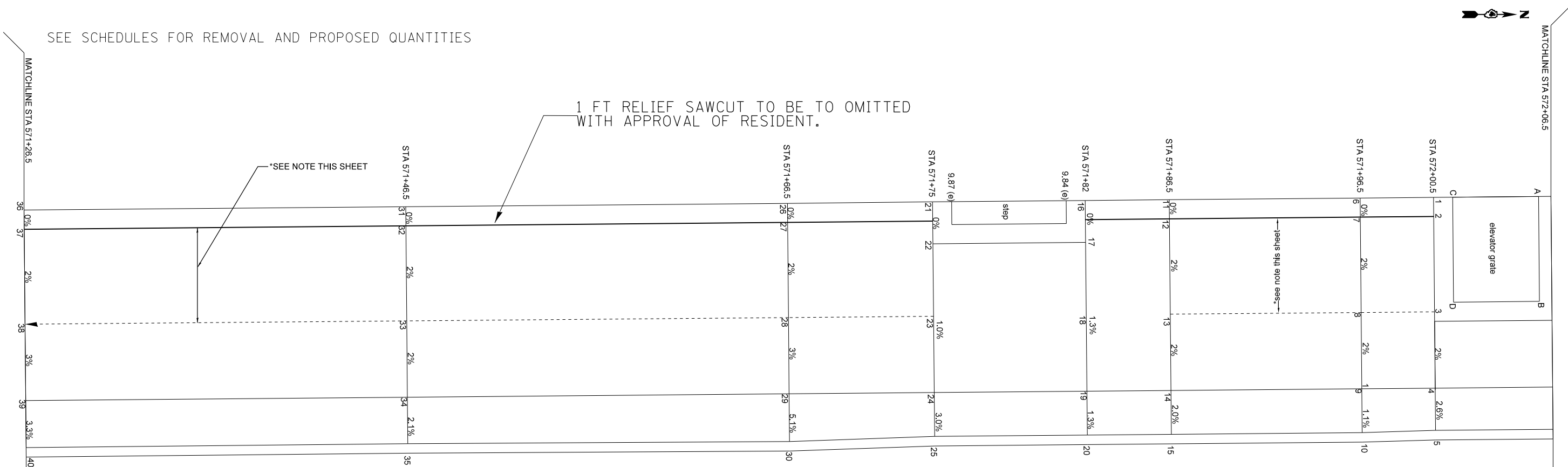
LOCATION	POINT NUMBER	ELEVATION	"T" CURB HEIGHT
STA 570+20.5	21	12.22	N/A
STA 570+20.5	22	12.22	N/A
STA 570+20.5	23	12.12	N/A
STA 570+20.5	24	12.04	3"
STA 570+20.5	25	11.15	6"
STA 570+00.5	26	12.60	N/A
STA 570+00.5	27	12.60	N/A
STA 570+00.5	28	12.50	N/A
STA 570+00.5	29	12.42	3"
STA 570+00.5	30	11.57	6"
STA 569+85.5	31	12.82	N/A
STA 569+85.5	32	12.82	N/A
STA 569+85.5	33	12.72	N/A
STA 569+85.5	34	12.64	3"
STA 569+85.5	35	11.82	6"

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SANTA FE TO TOPEKA SIDEWALK DETAILS	F.A.S. RTE. 2361	SECTION 101 RS-4; 102 RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 30		
Default	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET 30 OF 51 SHEETS	STA. 570+20.5 TO STA. 569+85	CONTRACT NO. 68982				
	PLOT DATE = 3/21/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						

NOTE: PEDESTRIAN ACCESS ROUTE
(5FT MIN. PATH WITH A CROSS-SLOPE OF 2% MAX.)

SEE SCHEDULES FOR REMOVAL AND PROPOSED QUANTITIES



LOCATION	POINT NUMBER	ELEVATION	"T" CURB HEIGHT
STA 572+00.5	1	8.12	N/A
STA 572+00.5	2	8.12	N/A
STA 572+00.5	3	8.01	N/A
STA 572+00.5	4	7.49	2"
STA 572+00.5	5	7.37	4"
STA 571+96.5	6	8.24	N/A
STA 571+96.5	7	8.24	N/A
STA 571+96.5	8	8.14	N/A
STA 571+96.5	9	8.06	2"
STA 571+96.5	10	7.53	4"
STA 571+86.5	11	8.64	N/A
STA 571+86.5	12	8.64	N/A
STA 571+86.5	13	8.54	N/A
STA 571+86.5	14	8.46	3"
STA 571+86.5	15	7.73	5"
STA 571+82	16	8.84	N/A
STA 571+82	17	8.84	N/A
STA 571+82	18	8.74	N/A
STA 571+82	19	8.74	5"
STA 571+82	20	7.86	5"

LOCATION	POINT NUMBER	ELEVATION	CURB HEIGHT "T"
STA 571+75	21	9.30	N/A
STA 571+75	22	9.30	N/A
STA 571+75	23	9.22	N/A
STA 571+75	24	9.22	6"
STA 571+75	25	8.13	6"
STA 571+66.5	26	9.68	N/A
STA 571+66.5	27	9.68	N/A
STA 571+66.5	28	9.58	N/A
STA 571+66.5	29	9.54	6"
STA 571+66.5	30	8.39	6"
STA 571+46.5	31	10.12	N/A
STA 571+46.5	32	10.12	N/A
STA 571+46.5	33	10.02	N/A
STA 571+46.5	34	9.94	5"
STA 571+46.5	35	8.96	6"
STA 571+26.5	36	10.53	N/A
STA 571+26.5	37	10.53	N/A
STA 571+26.5	38	10.43	N/A
STA 571+26.5	39	10.31	6"
STA 571+26.5	40	9.21	6"

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

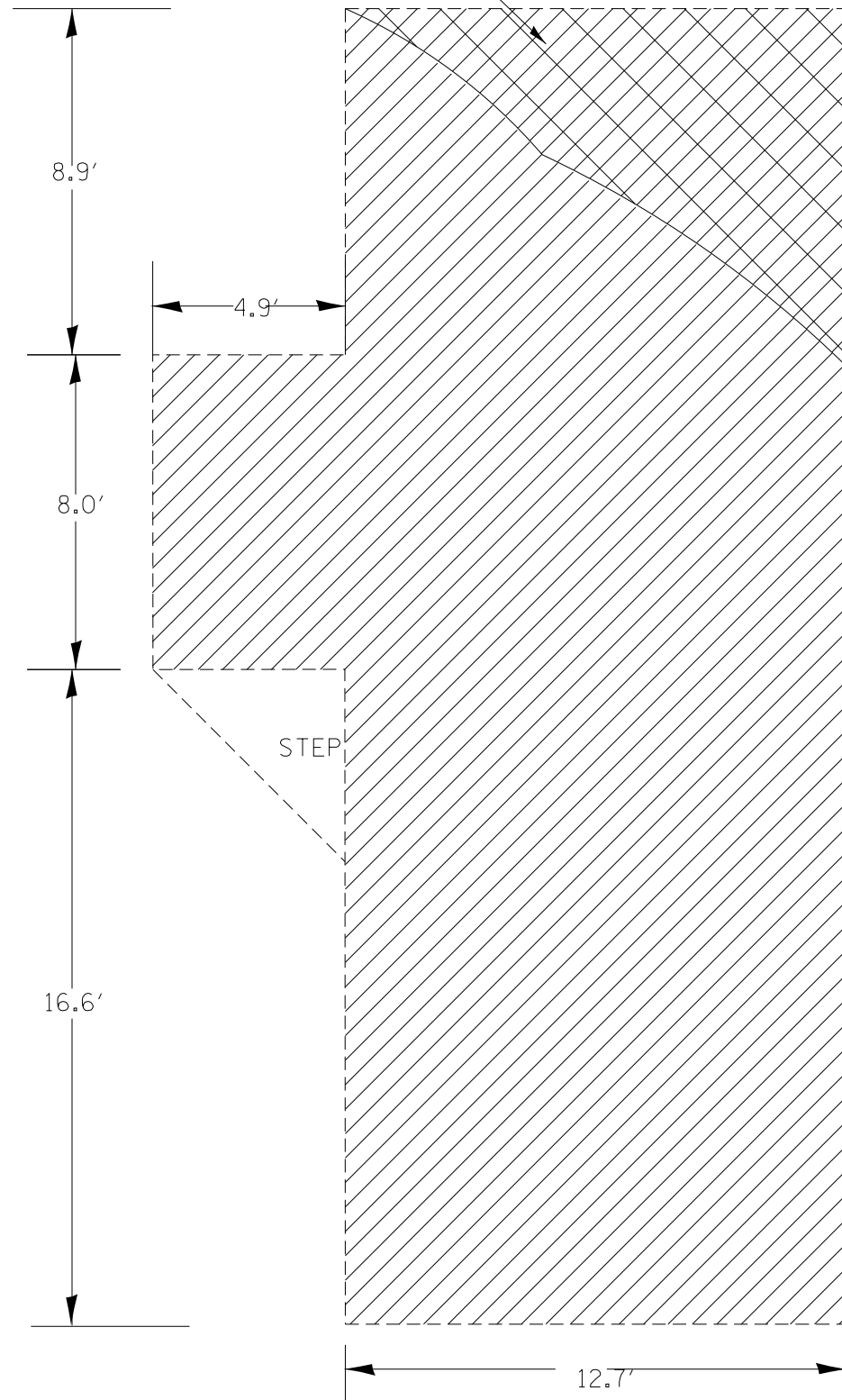
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANTA FE TO TOPEKA SIDEWALK DETAILS

SCALE: SHEET 31 OF 51 SHEETS STA. 571+00 TO STA. 571+26

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	31
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

THIS AREA TO BE PAID AS PAVEMENT REMOVAL

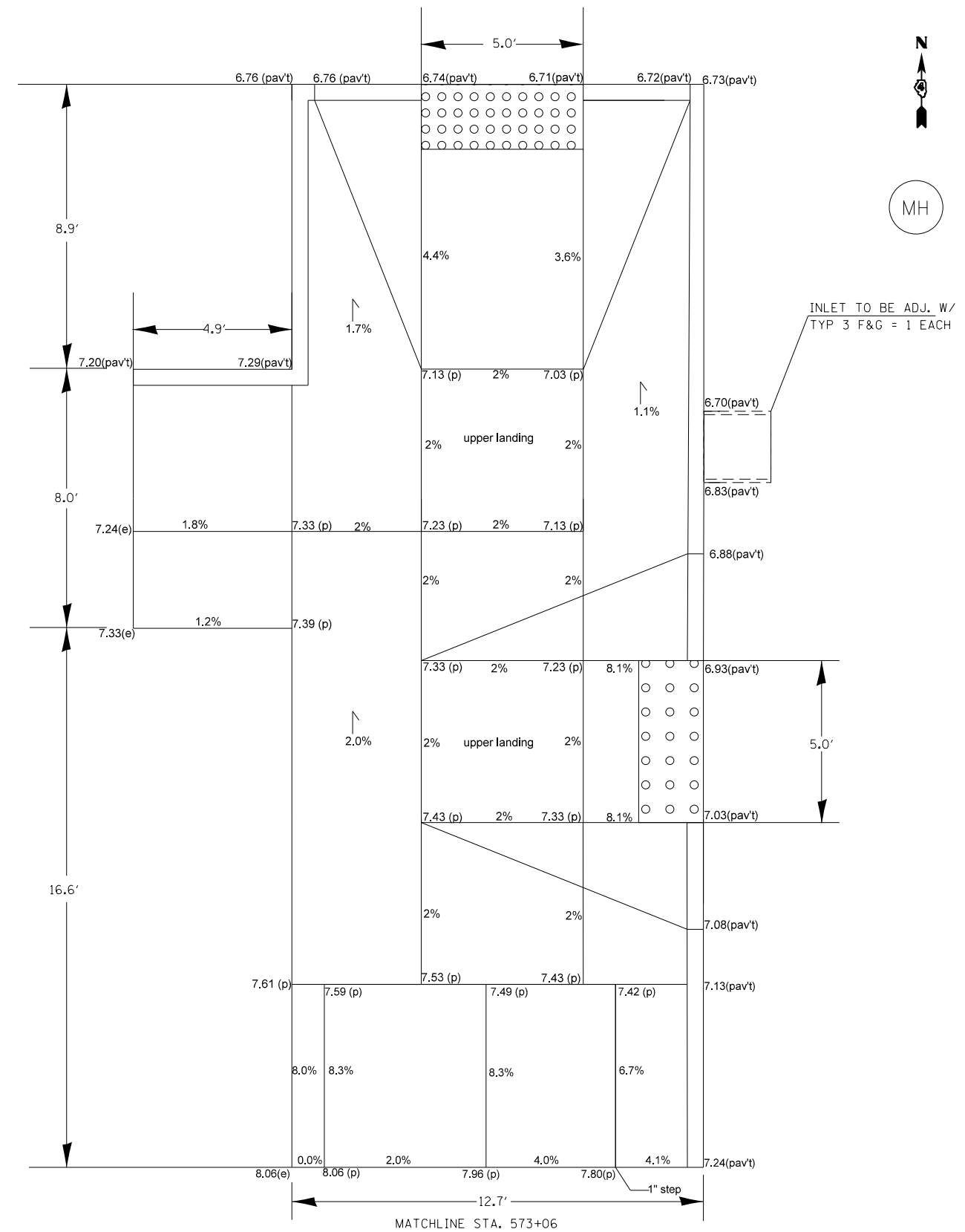


24.6'

SEE SCHEDULES FOR REMOVAL AND PROPOSED QUANTITIES

EXISTING

REMOVAL



PROPOSED

DRAWING NOT TO SCALE

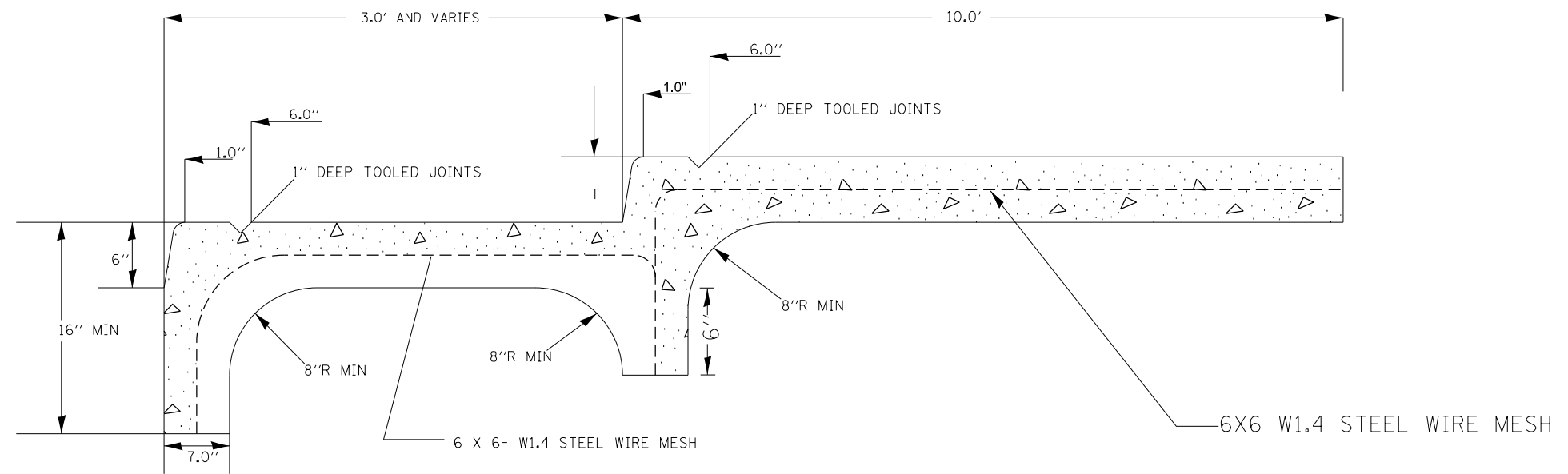
FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117 AND TOPEKA ST., SOUTHWEST CORNER)

SCALE: SHEET 32 OF 51 SHEETS STA. 573+06

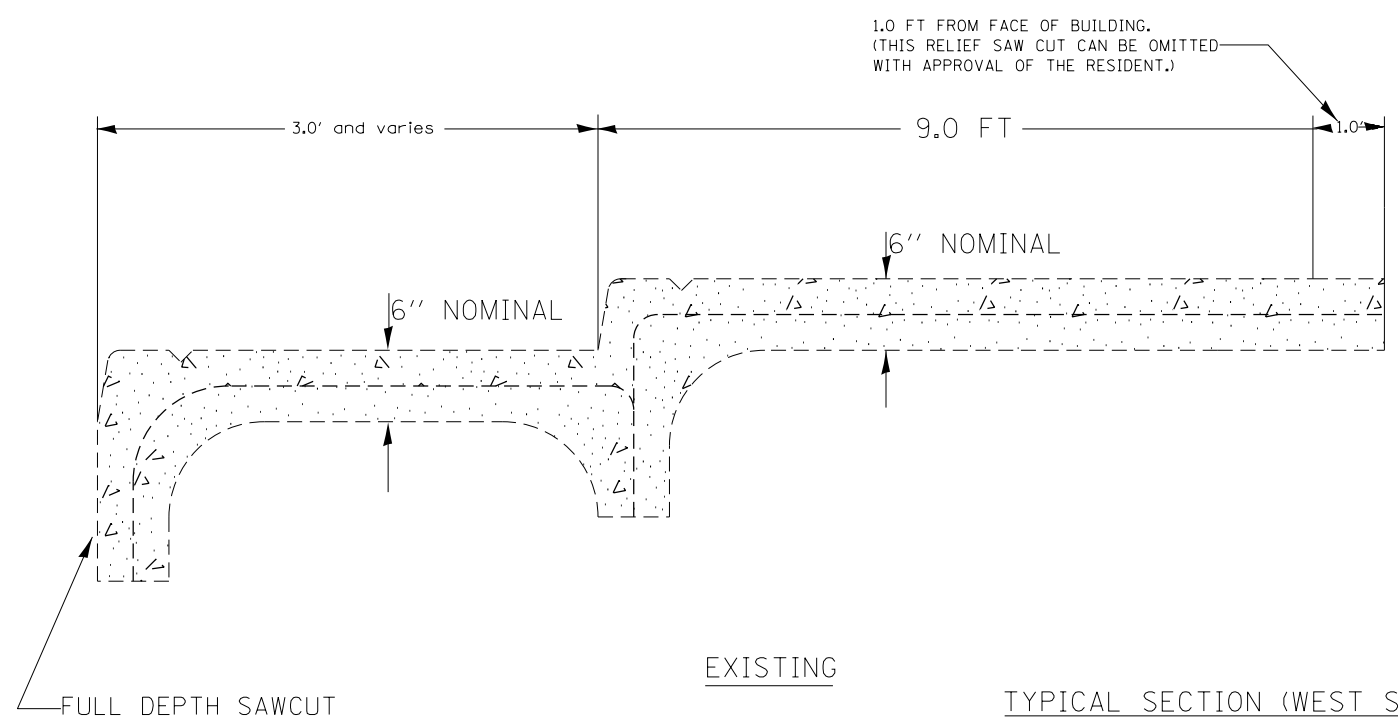
F.A.S. RTE. 2361	SECTION 101 RS-4; 102 RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 32
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				



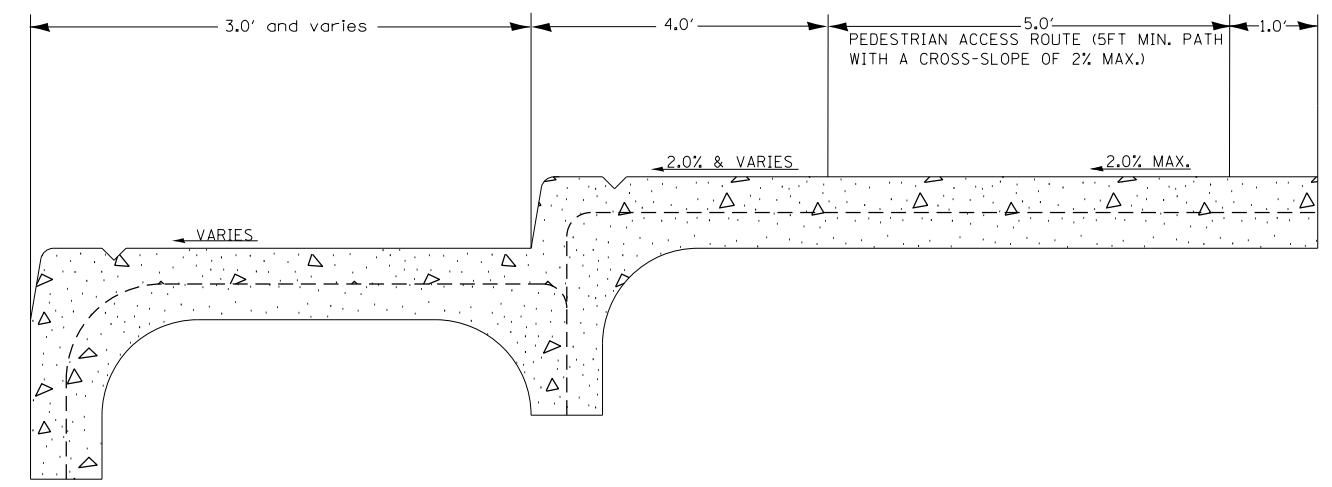
COMBINATION CONCRETE CURB-SIDEWALK 4" SPECIAL DETAILS

LT. STA 568+70 TO STA 572+40

*NOTE: CONTRACTOR SHALL FILL REMAINING VOID WITH POROUS GRANULAR EMBANKMENT. (SEE SECTION 207 OF STANDARD SPECIFICATIONS FOR ROADS AND BRIDGE CONSTRUCTION.)



EXISTING



PROPOSED

TYPICAL SECTION (WEST SIDEWALK FROM SANTA FE TO TOPEKA)

LT. STA 568+70 TO STA 572+40

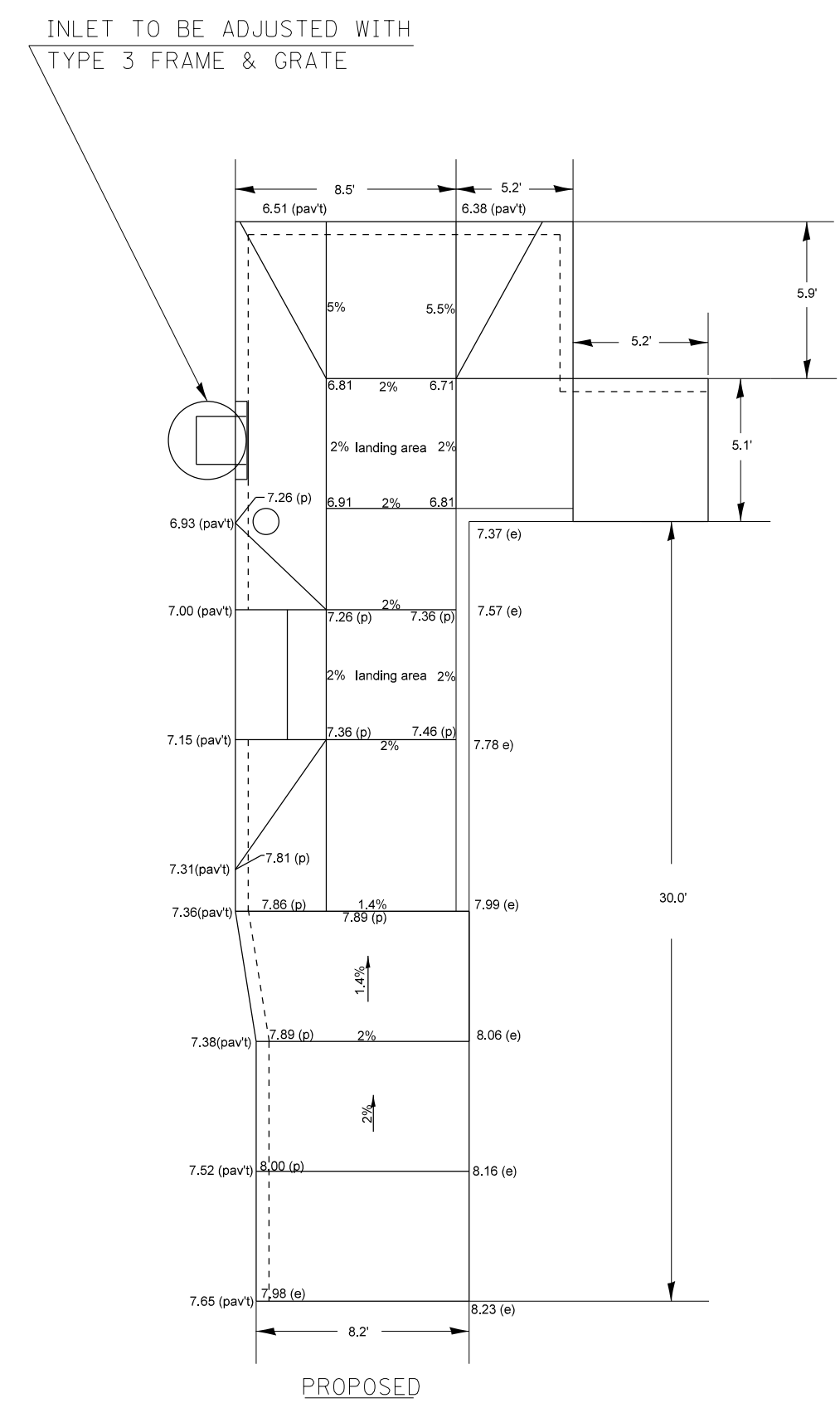
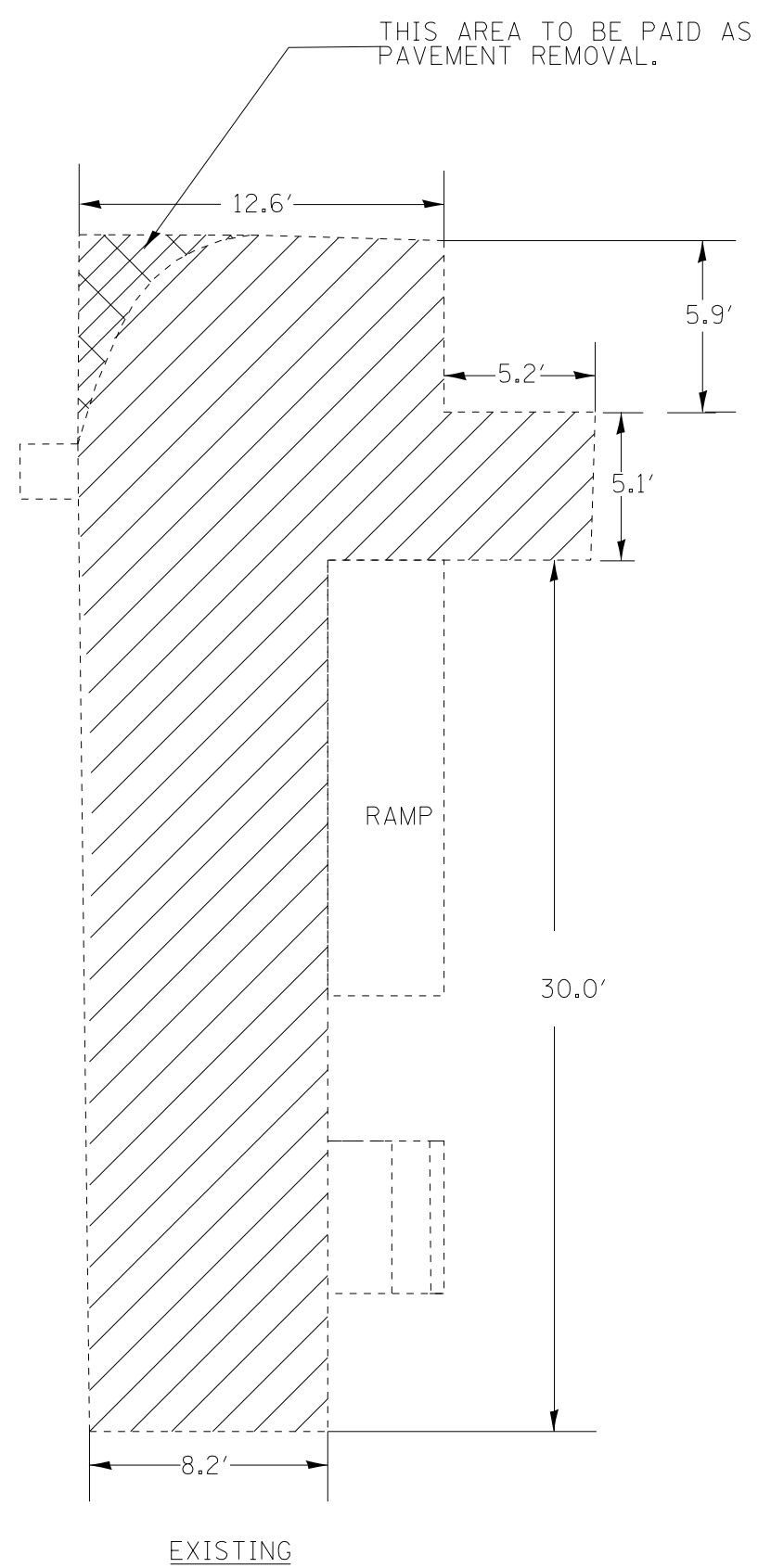
FILE NAME = 68982.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK SPECIAL 4" DETAILS

SCALE: SHEET 33 OF 51 SHEETS STA. 568+70 TO STA. 572+40

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	33
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				



REMOVAL

SEE SCHEDULES FOR REMOVAL AND PROPOSED QUANTITIES

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117 AND TOPEKA ST, SE CORNER)

SCALE: SHEET 34 OF 51 SHEETS STA. 572+00

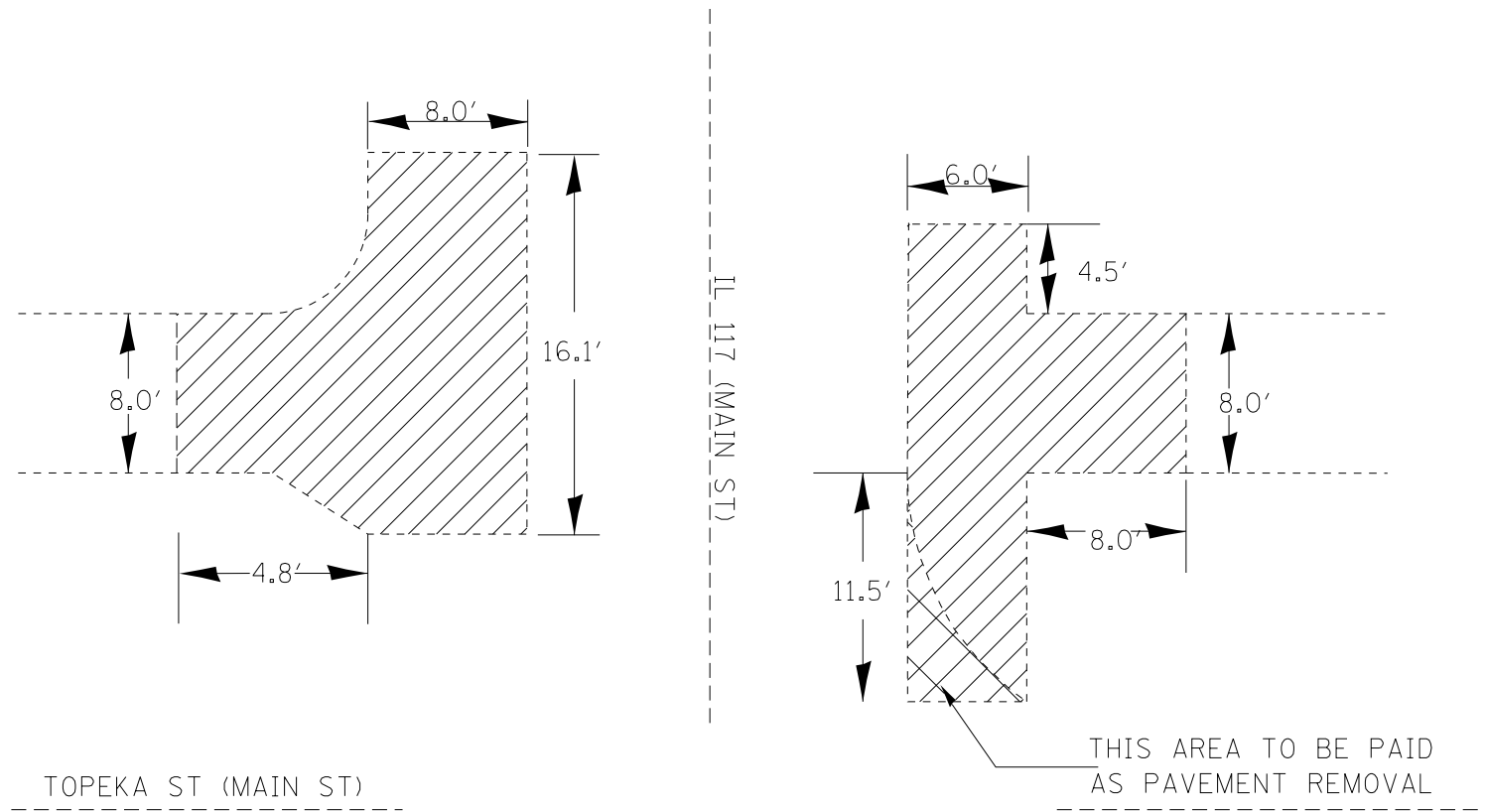
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	34
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.



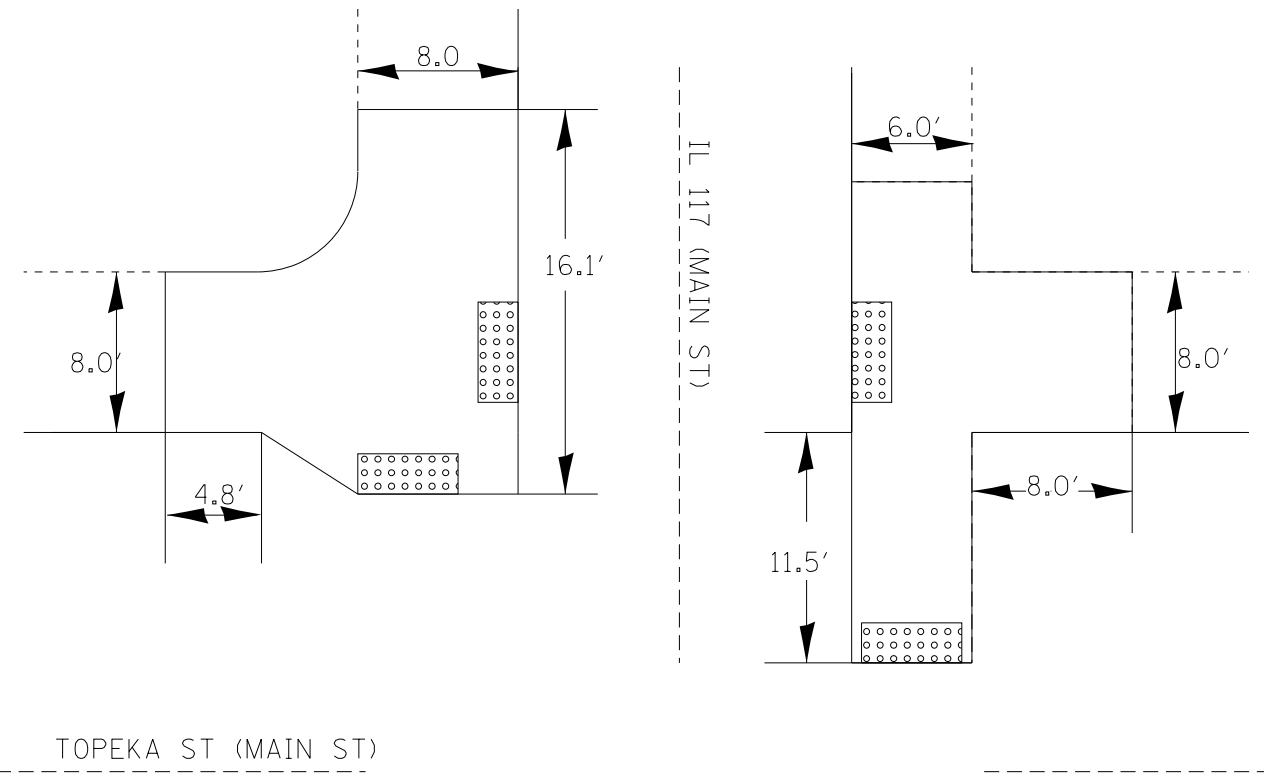
SIDEWALK REMOVAL SPL = 167.2 SQ FT

SIDEWALK REMOVAL SPL = 208 SQ FT



PROP PCC SIDEWALK 4" SPL = 167.2 SQ FT
DETECTABLE WARNINGS= 20 SQ FT

PROP PCC SIDEWALK 4" SPL = 208 SQ FT
DETECTABLE WARNINGS =20 SQ FT



SEE SCHEDULES FOR REMOVAL AND PROPOSED QUANTITIES

EXISTING

PROPOSED

REMOVAL

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
Default		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117 AND TOPEKA ST, NE & NW CORNER)

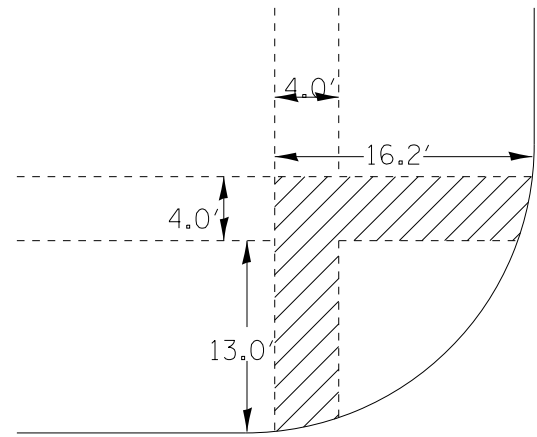
SCALE: SHEET 35 OF 51 SHEETS STA. 572+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	35
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.



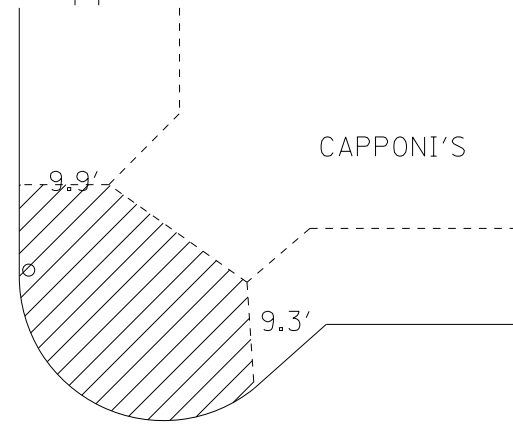
SIDEWALK REM. = 116.8 SQ FT



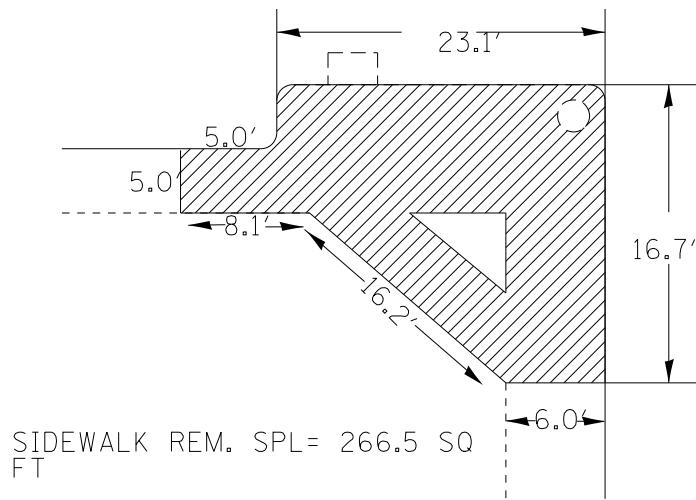
ATCHISON STREET

IL 117 (MAIN ST)

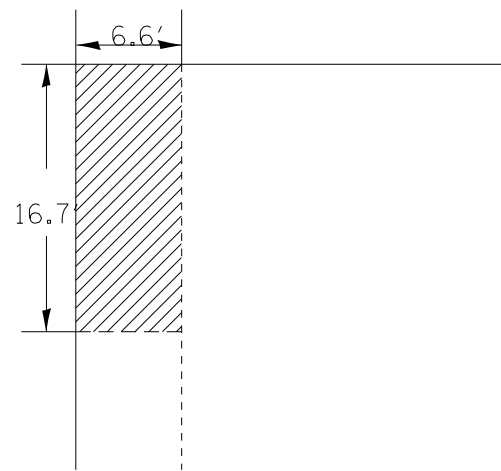
SIDEWALK REM. SPL = 104.7 SQ FT



CAPPONI'S



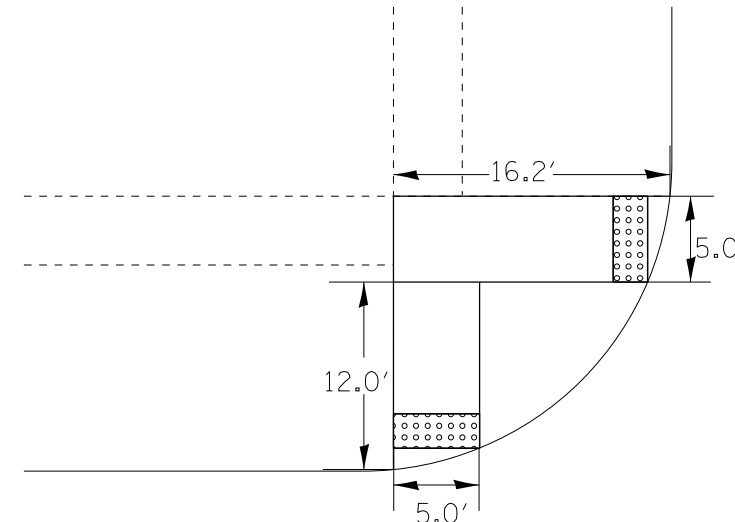
SIDEWALK REM. SPL = 266.5 SQ FT



SIDEWALK REM SPL = 110.2 SQFT

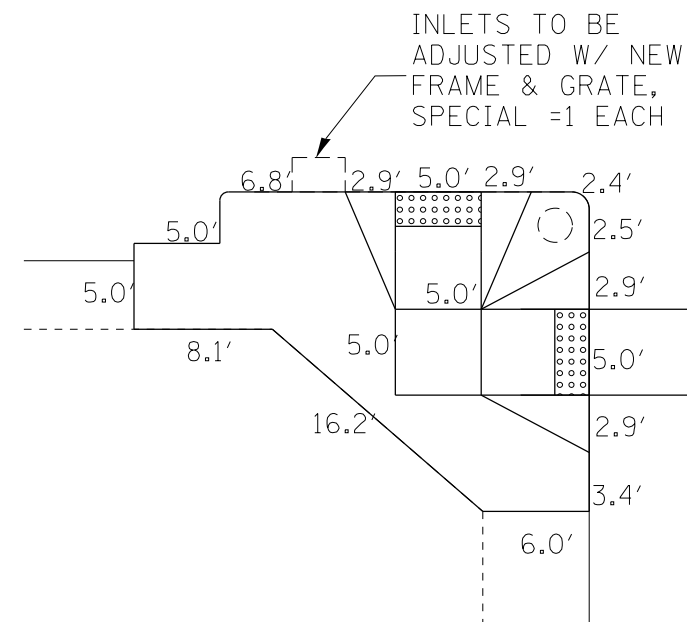
EXISTING

PROP. PCC SIDEWALK = 141 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS = 20 SQ FT



ATCHISON STREET

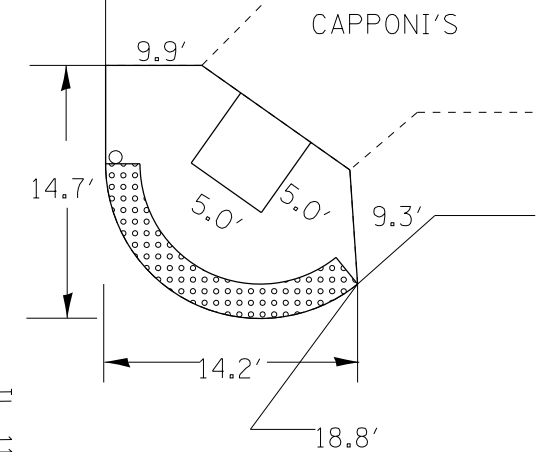
IL 117 (MAIN ST)



INLETS TO BE ADJUSTED W/ NEW FRAME & GRATE, SPECIAL =1 EACH

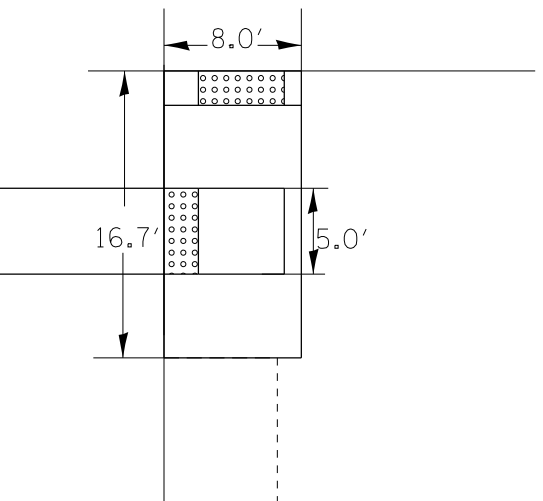
PROP. PCC SIDEWALK 4" SPL. = 283.9 SQ FT
DETECTABLE WARNINGS = 20 SQ FT

PROP. PCC SIDEWALK 4" SPL = 104.7 SQ FT
USE STANDARD 424021
DETECTABLE WARNINGS = 37.7 SQ FT



CAPPONI'S

IL 117 (MAIN ST)



PROP. PCC SIDEWALK 4", SPL = 133.6 SQ FT
USE RURAL DETAIL A-A AND B-B
DETECTABLE WARNINGS = 20 SQ FT

PROPOSED

REMOVAL

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117 AND ATCHISON ST)

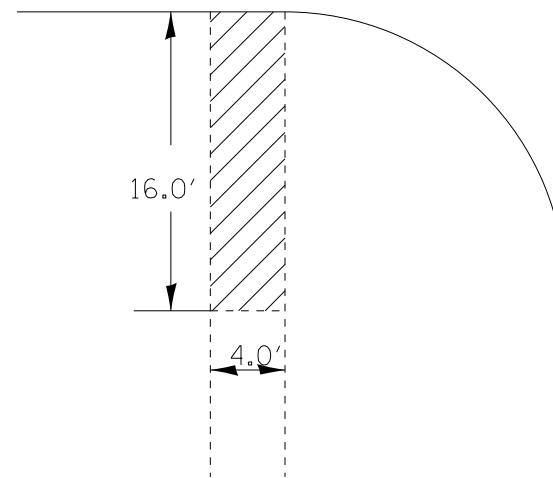
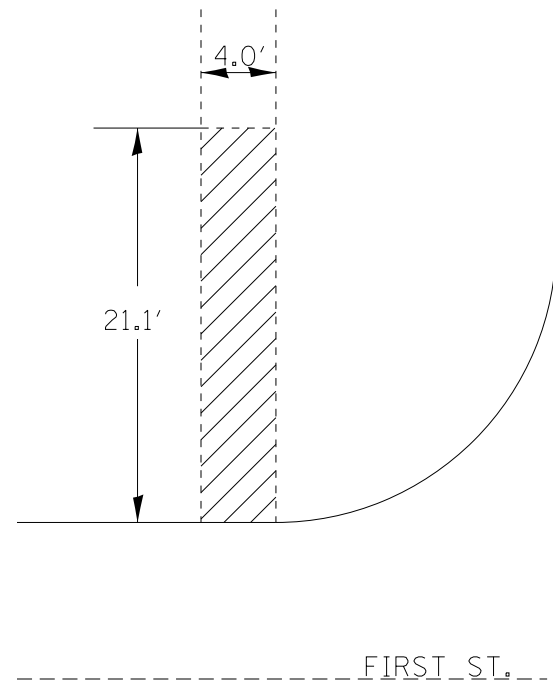
SCALE: SHEET 36 OF 51 SHEETS STA. 576+00

DRAWING NOT TO SCALE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	36
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

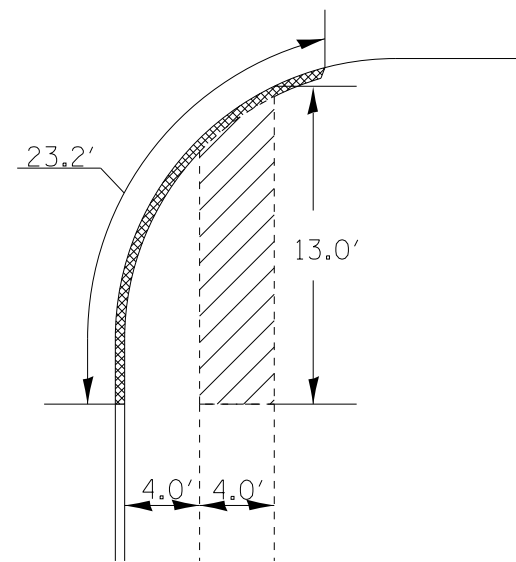
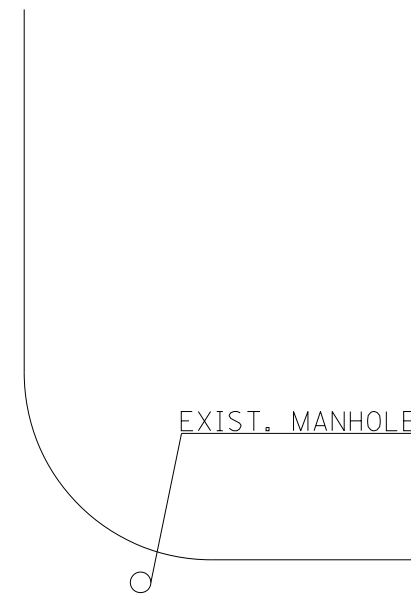
*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.

SIDEWALK REMOVAL = 84.4 SQ. FT.



SIDEWALK REMOVAL = 64.0 SQ. FT.

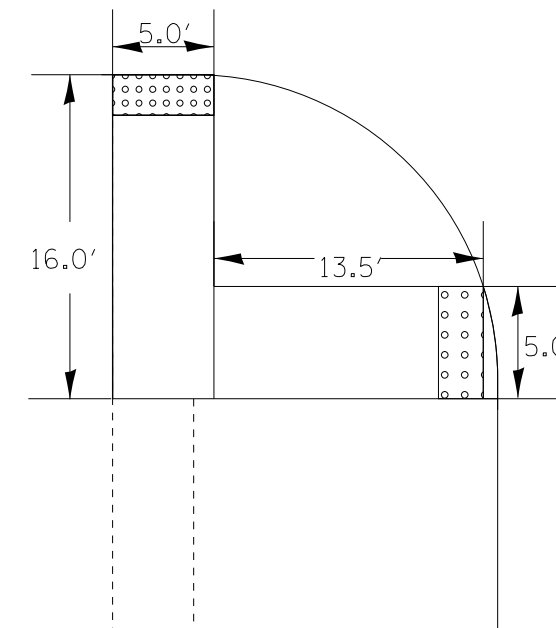
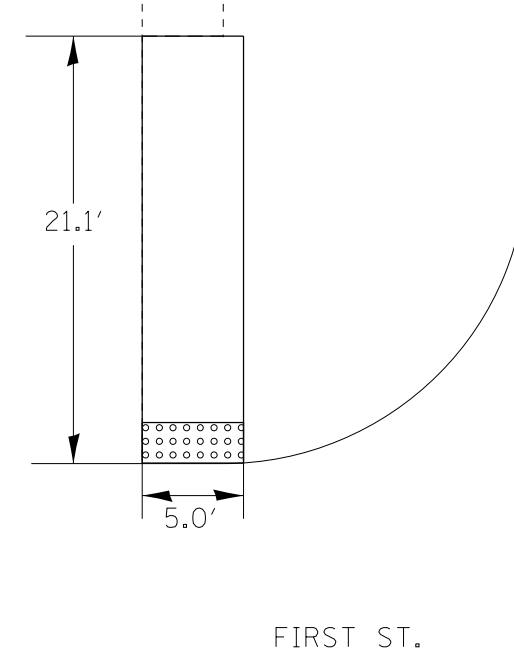
IL 117 (MAIN ST)



COMB. CURB & GUTTER REMOVAL = 23.2 FT.
SIDEWALK REMOVAL = 52.0 SQ. FT.

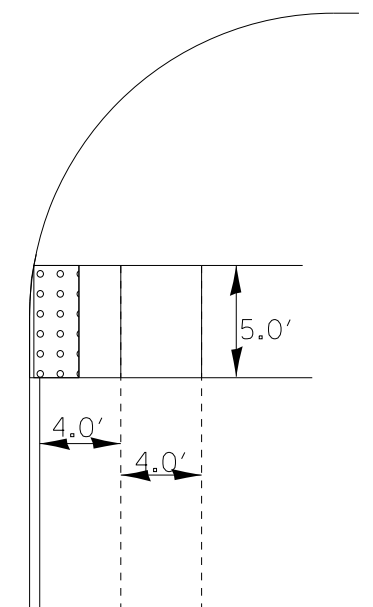
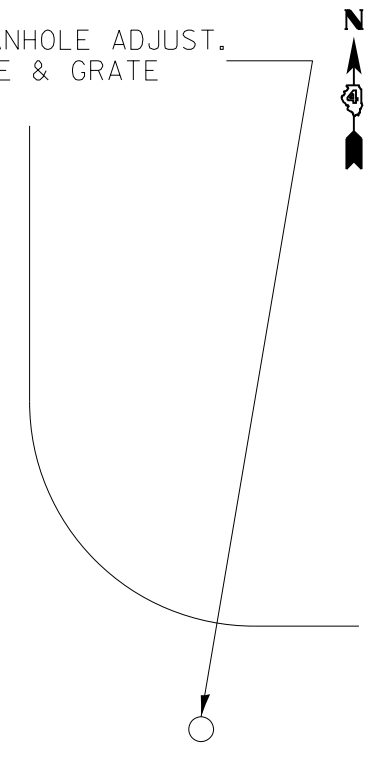
EXISTING

PROP. PCC SIDEWALK = 105.5 SQ. FT.
(USE RURAL DETAIL A-A AND B-B)
DETECTABLE WARNINGS = 10 SQ. FT.



PROP. PCC SIDEWALK = 147.5 SQ. FT.
(USE RURAL DETAIL A-A AND B-B)
DETECTABLE WARNINGS = 20 SQ. FT.

PROP. MANHOLE ADJUST.
W/ FRAME & GRATE



PROP. PCC SIDEWALK = 40' SQ. FT.
(USE RURAL STANDARD A-A AND B-B)
DETECTABLE WARNINGS = 10 SQ. FT.

PROPOSED

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117 AND FIRST ST)

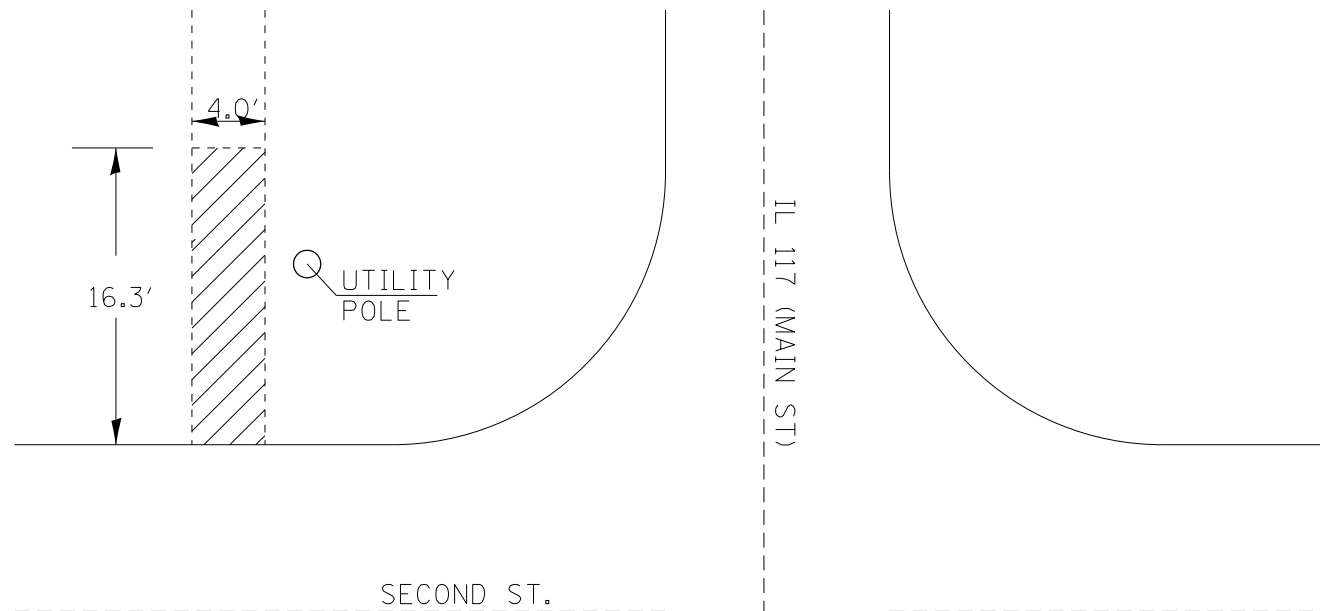
SCALE: SHEET 37 OF 51 SHEETS STA. 579+80

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	37
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

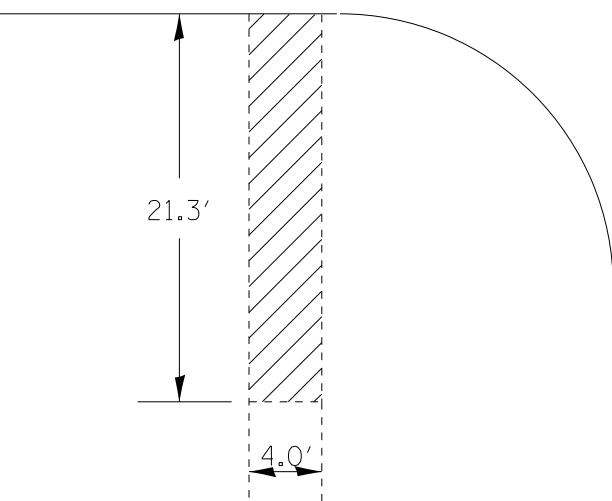
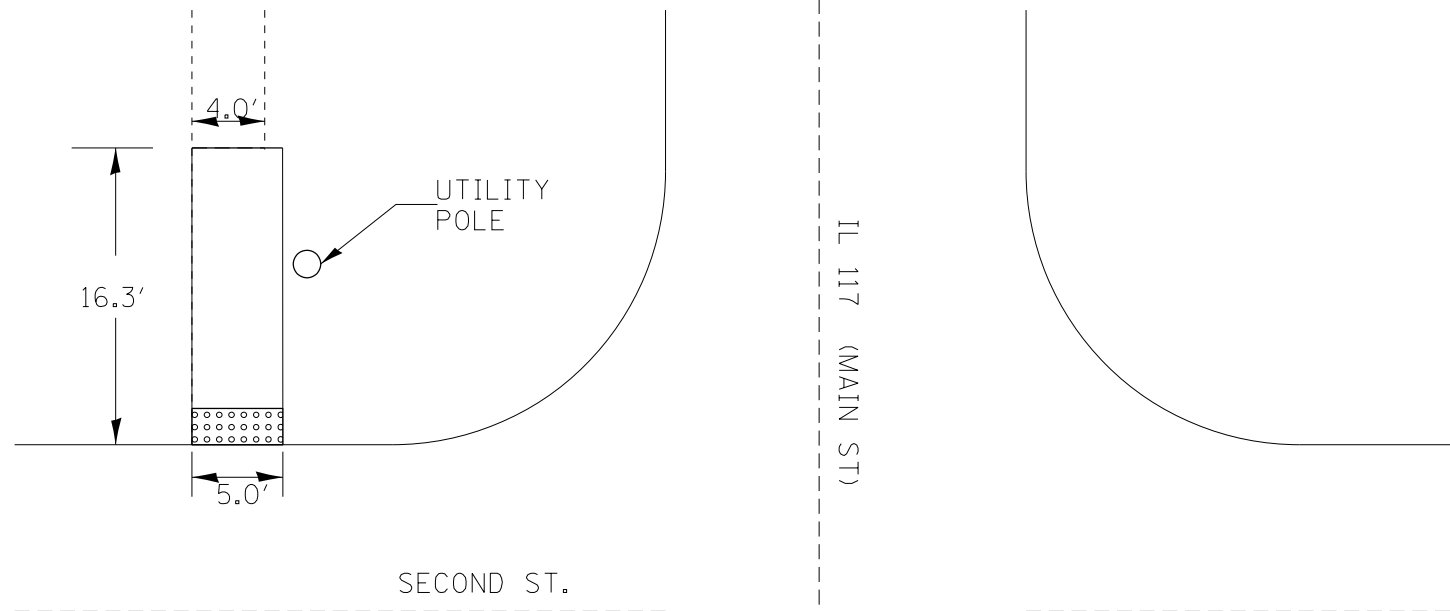
*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.



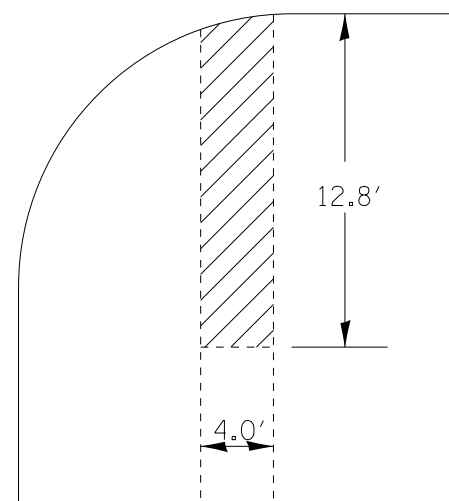
SIDEWALK REMOVAL = 65.2 SQ. FT.



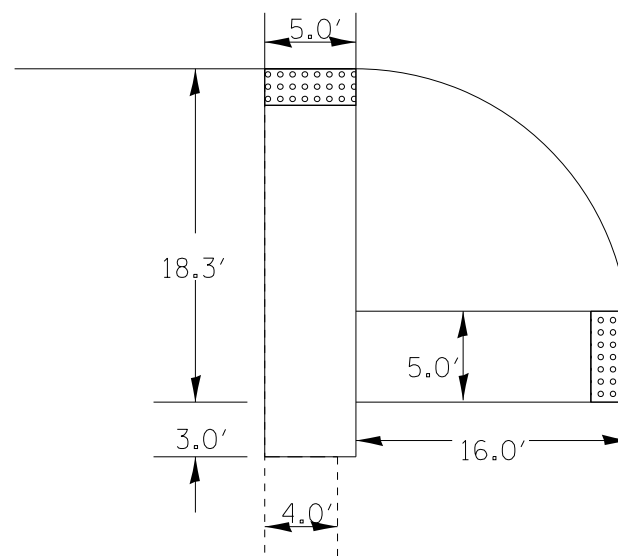
PROP. PCC SIDEWALK = 81.5 SQ. FT.
(USE RURAL DETAIL A-A AND B-B)
DETECTABLE WARNINGS = 10 SQ. FT.



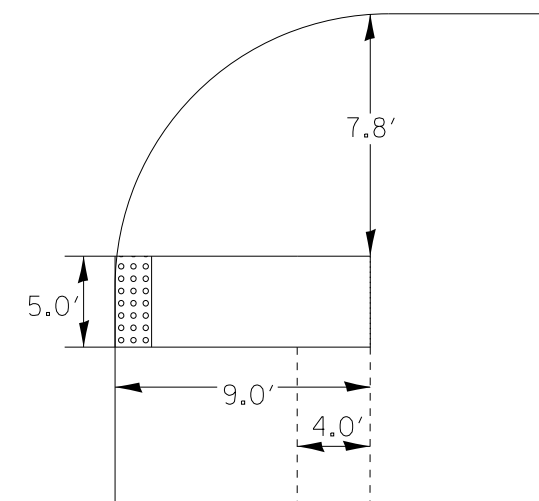
SIDEWALK REMOVAL = 85.2 SQ. FT.



SIDEWALK REMOVAL = 51.2 SQ. FT.



PROP. PCC SIDEWALK, = 186.4 SQ. FT.
(USE RURAL DETAIL A-A AND B-B)
DETECTABLE WARNINGS = 20 SQ. FT.



PROP. PCC SIDEWALK = 45.0 SQ. FT.
(USE RURAL DETAIL A-A AND B-B)
DETECTABLE WARNINGS = 10 SQ. FT.

EXISTING

PROPOSED

REMOVAL

DRAWING NOT TO SCALE

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS (IL 117 AND SECOND ST)

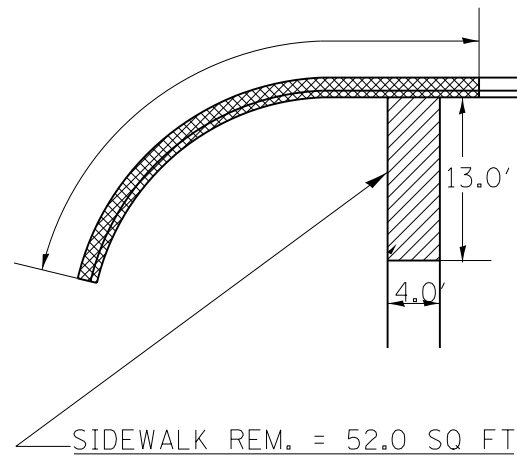
SCALE: SHEET 38 OF 51 SHEETS STA. 583+40

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	38
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

*USE STANDARD DETECTABLE WARNING W/ DIMENSIONS OF 5' X '2, UNLESS OTHERWISE NOTED.

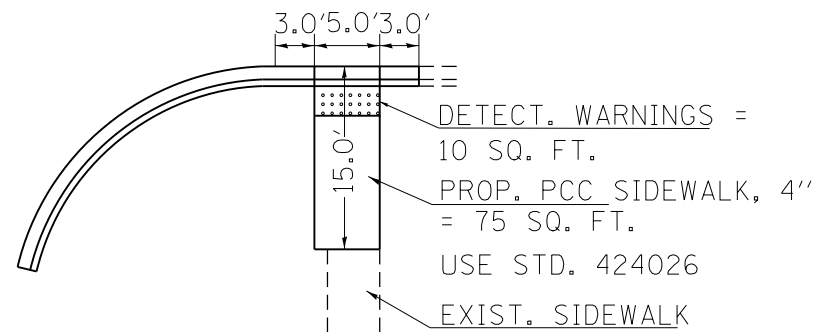
E. VIA GHIGLIERI ST.

COMB. CURB & GUTTER REM. = 38.0 FT



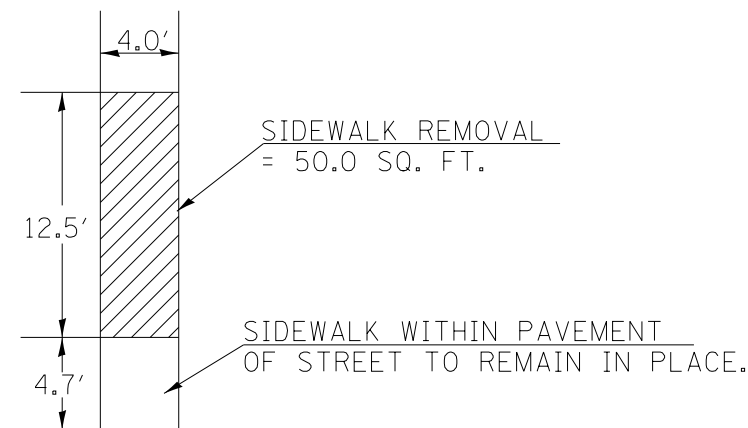
EXISTING

PROP. CCC&G, TYP B-6.12 = 34 FT. TRANSITION FROM

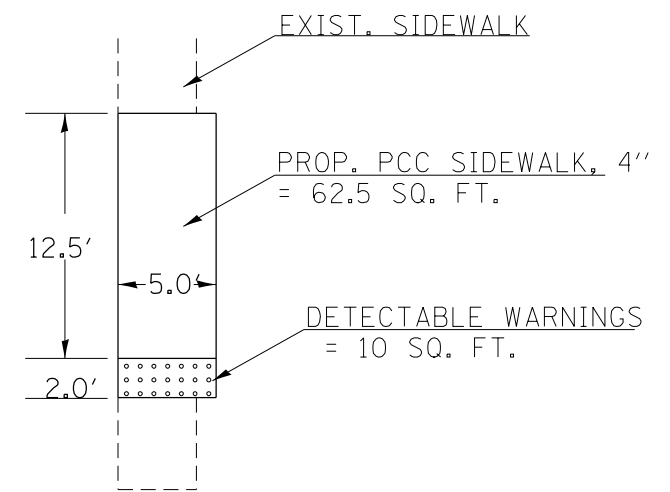


PROPOSED

NW QUADRANT OF THIRD ST

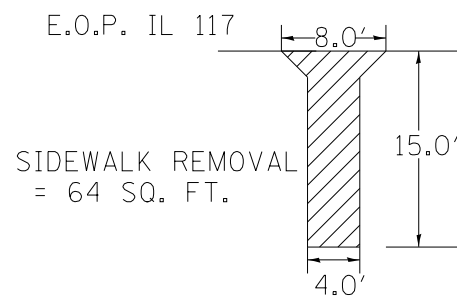


EXISTING

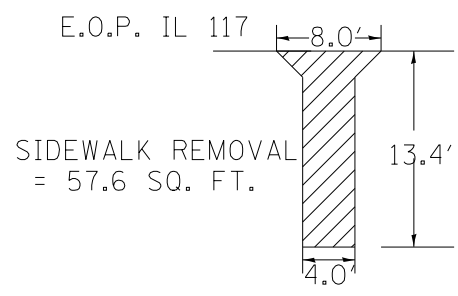


PROPOSED
USE RURAL DETAIL SECTION A-A

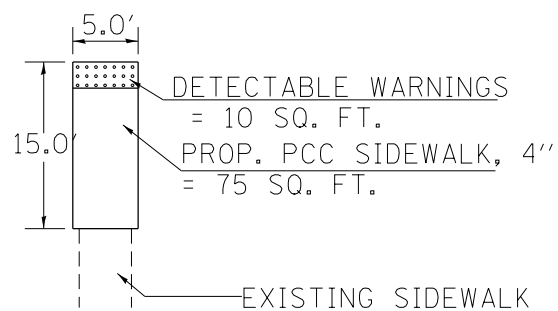
CROSSWALK NORTH TOLUCA BETWEEN 3RD ST AND GHIGLIER ST



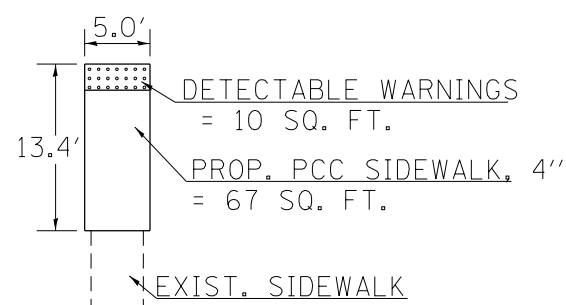
RT. SIDE EXISTING



LT. SIDE EXISTING

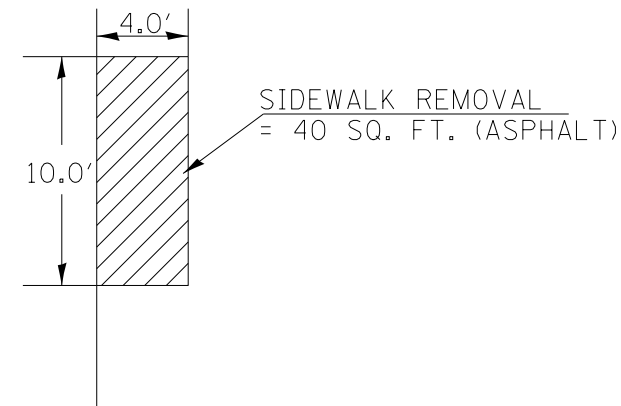


RT. SIDE PROPOSED
USE RURAL DETAIL SECTION B-B

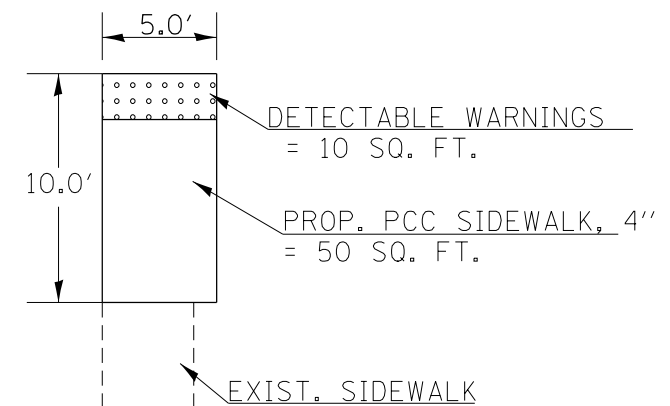


LT. SIDE PROPOSED
USE RURAL SIDEWALK RAMP
DETAIL SECTION B-B

SW QUADRANT OF THIRD ST.



EXISTING



PROPOSED
USE RURAL SIDEWALK RAMP DETAIL SHEET
SECTION A-A

REMOVAL

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

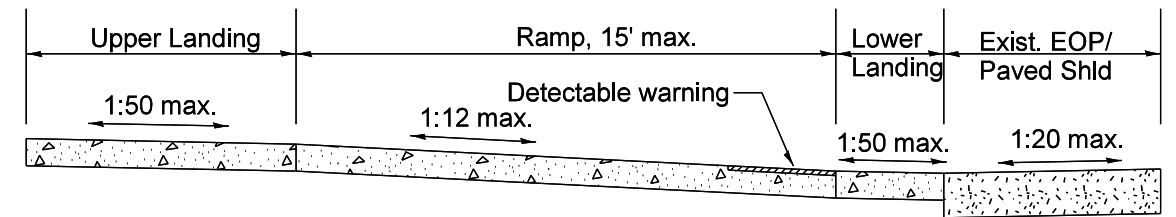
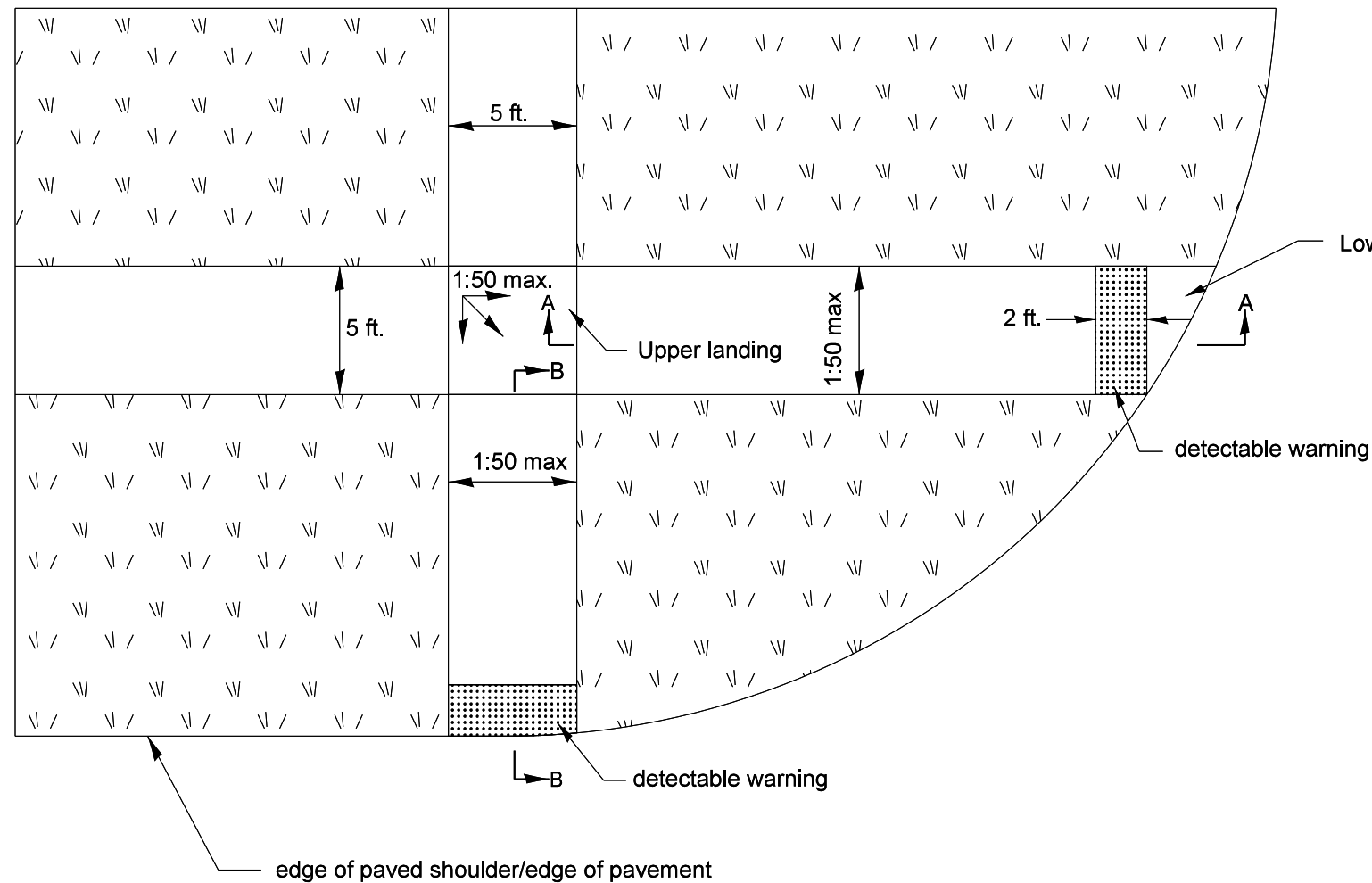
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS

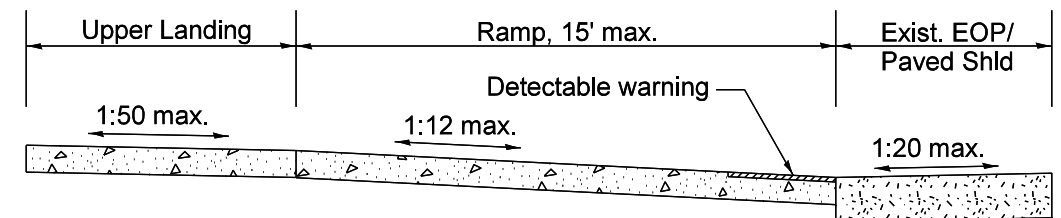
SCALE: SHEET 39 OF 51 SHEETS

F.A.S. RTE. 2361	SECTION 101 RS-4; 102 RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 39
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

DRAWING NOT TO SCALE



SECTION A-A



SECTION B-B

RURAL SIDEWALK RAMP DETAIL

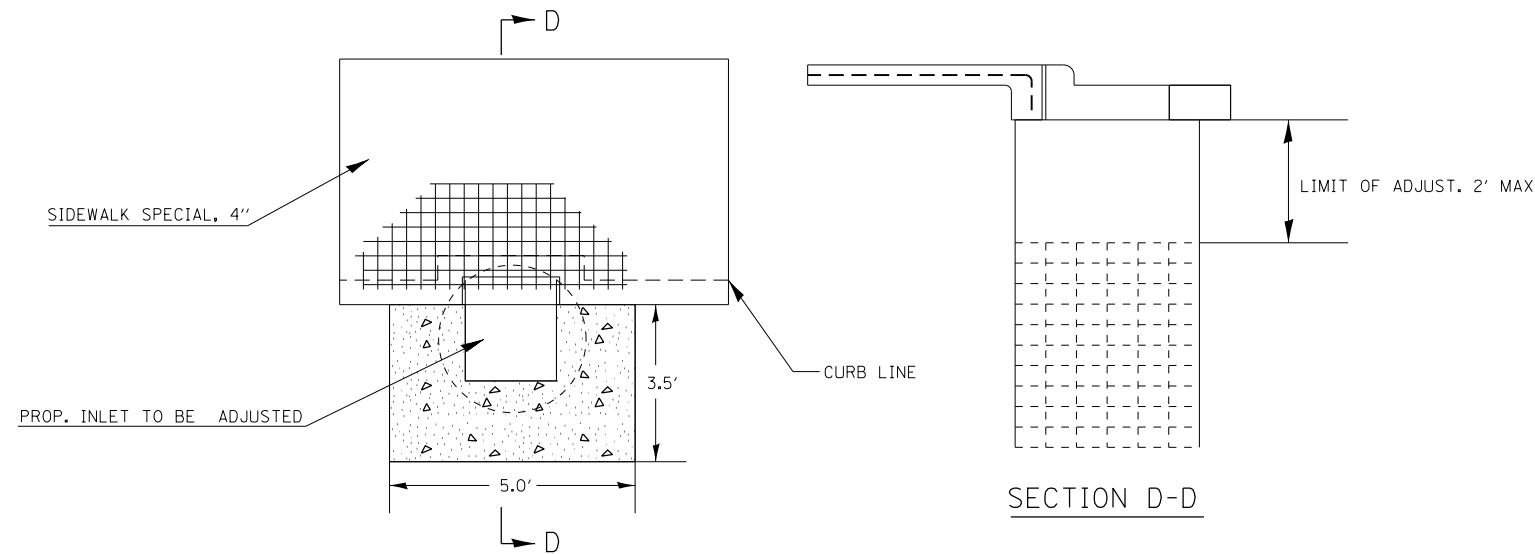
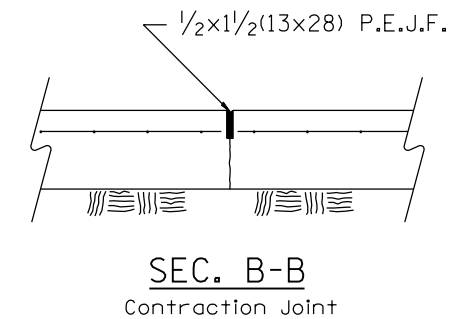
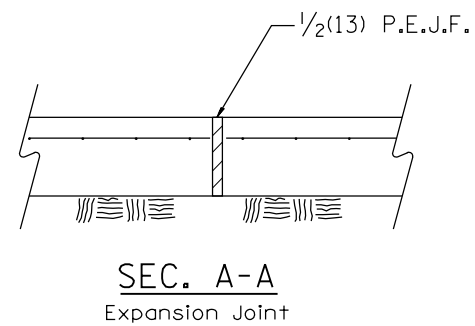
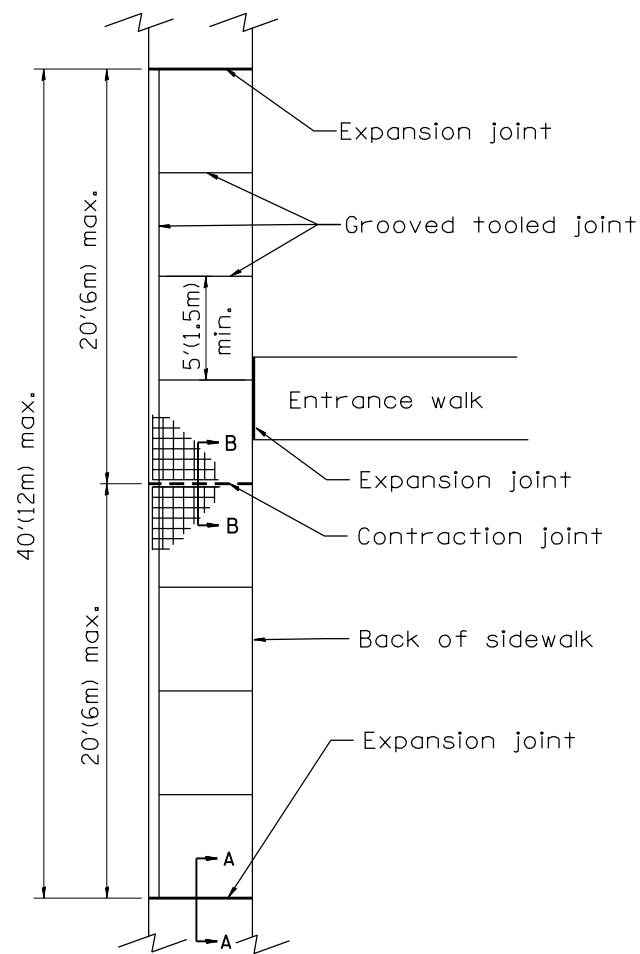
GENERAL NOTES

Upper landing not required for ramp slopes flatter than 1:20.

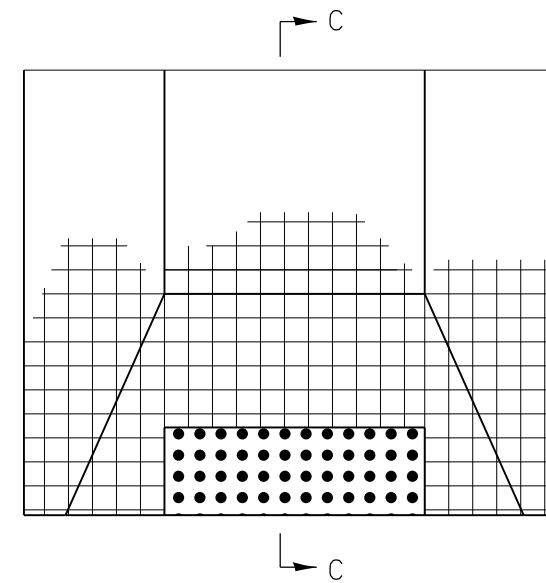
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches unless otherwise shown.

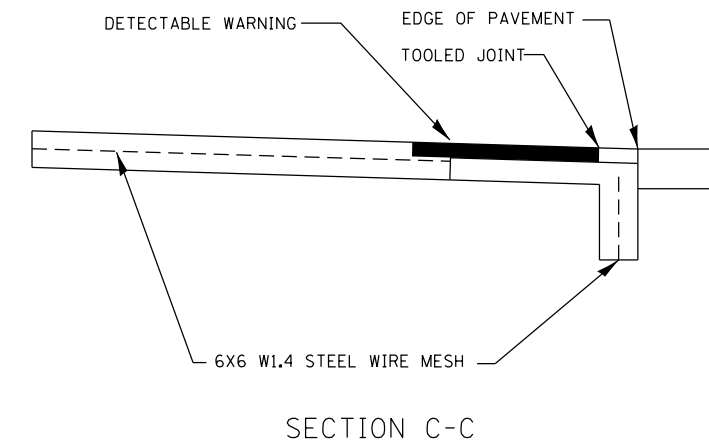
FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RURAL SIDEWALK CURB RAMP DETAIL	F.A.S. RTE. 2361	SECTION 10IRS-4;102RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 40	
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			SCALE:	SHEET 40 OF 51 SHEETS	CONTRACT NO. 68982		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -								
		DATE -	REVISED -								



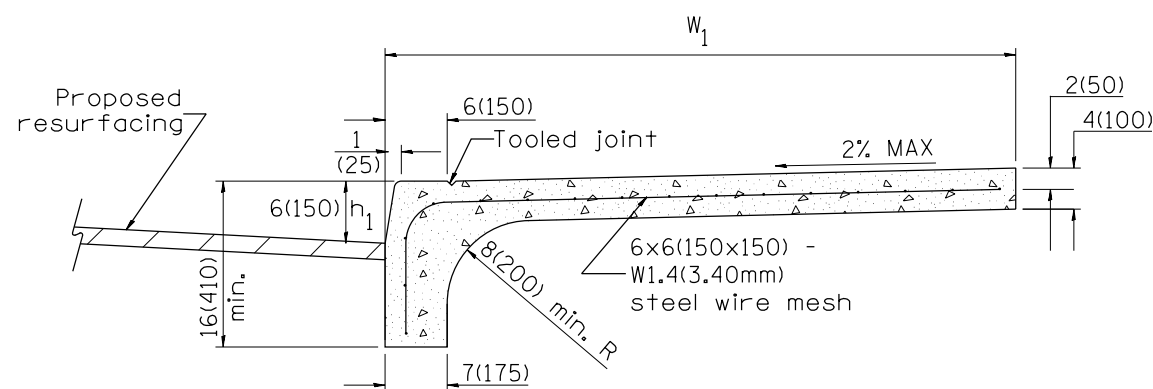
SIDEWALK SPECIAL, DETAIL FOR INLET ADJUSTMENT



SIDEWALK SPECIAL, FOR CURB RAMP



NOTE:
CONTRACTOR SHALL OMIT WIRE MESH FROM DETECTABLE WARNING AREA



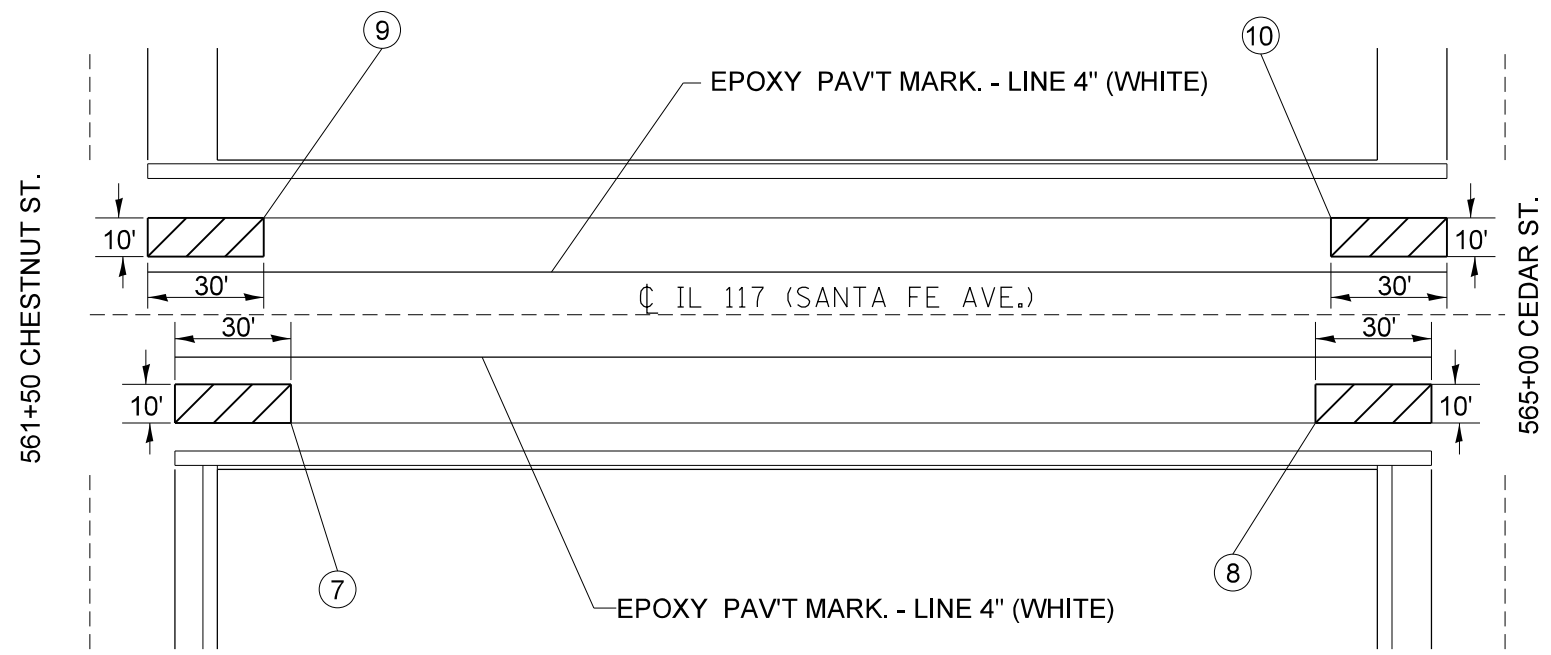
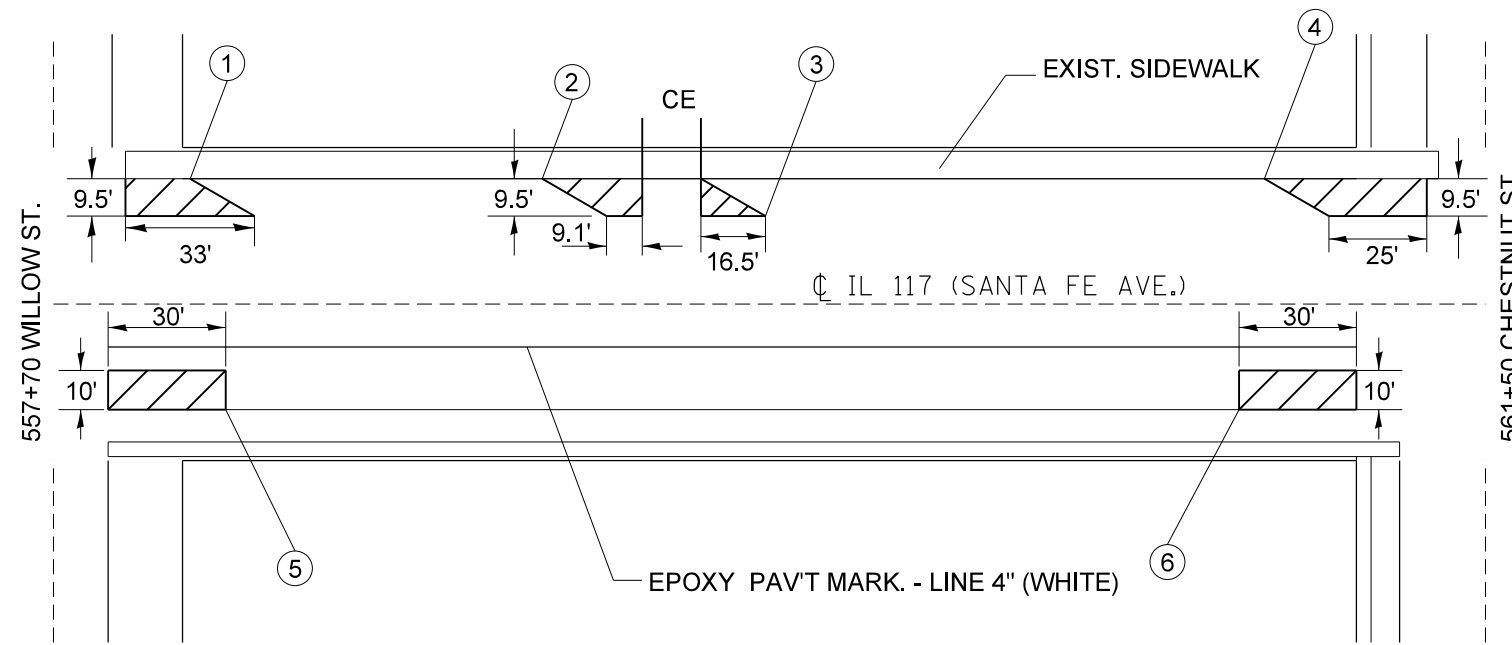
COMBINATION CURB - SIDEWALK 4"(100mm)

Measurement Formula: $(W_1 + h_1) \times \text{length constructed} = \text{Payment area}$
in square meters(square feet)

GENERAL NOTES:

- All provisions in Section 424 of the Standard Specifications shall apply, unless otherwise shown.

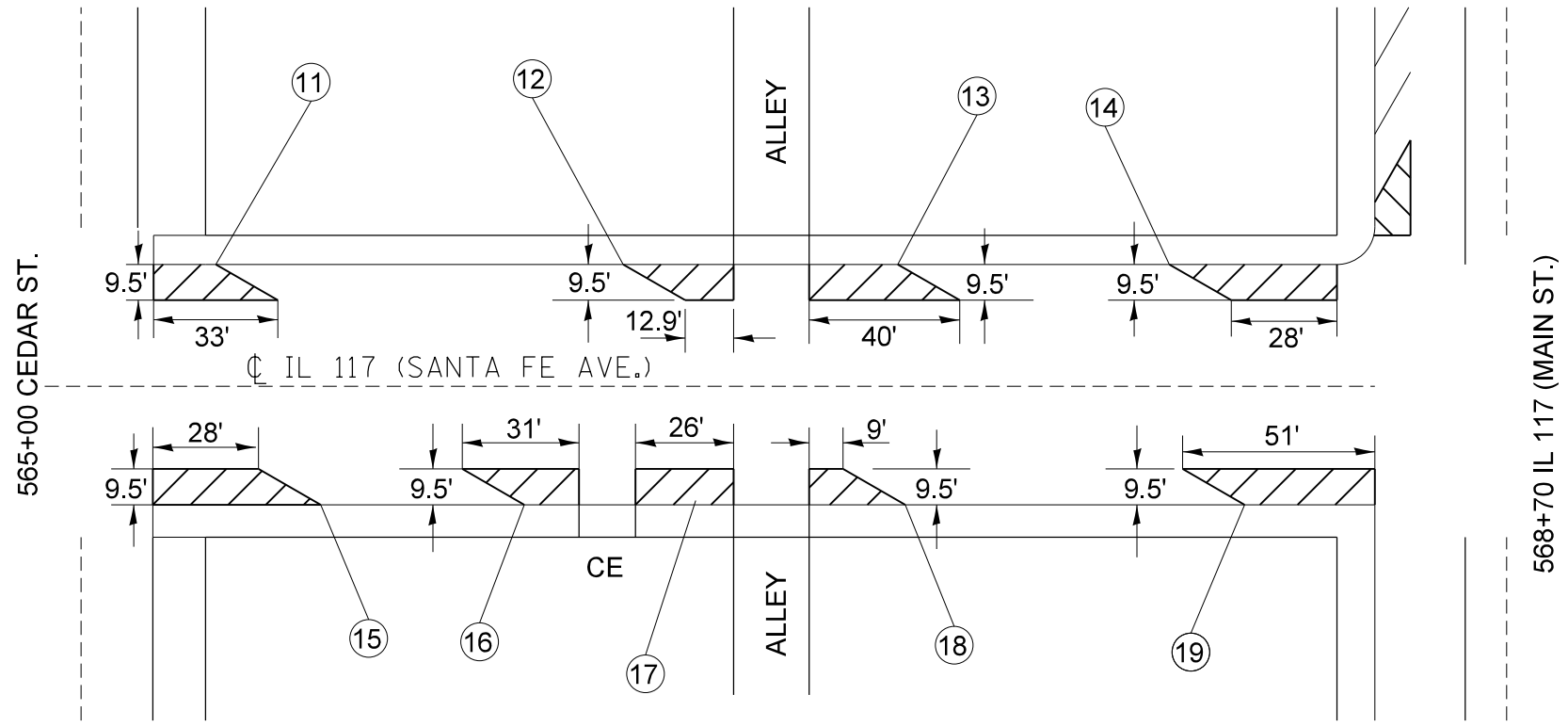
FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PCC SIDEWALK 4 INCH SPL, DETAIL		F.A.S. RTE. 2361	SECTION 10IRS-4;102RS-5	COUNTY MARSHALL	TOTAL SHEETS 51	SHEET NO. 41	
	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 41 OF 51 SHEETS	CONTRACT NO.		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -									
		DATE -	REVISED -									



NOTE

1. ALL DIAGONAL PAVEMENT MARKING, FOR INDIVIDUAL SPACES, WILL BE DONE BY THE CITY OF TOLUCA.
2. NO PARKING AREAS SHALL BE MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (YELLOW).
3. NO PARKING AREAS ARE SHOWN AND LABELED WITH A LOCATION NUMBER.
SCHEDULE OF QUANTITIES WILL SHOW THE TOTAL NUMBER OF FEET FOR THE AREA DEPICTED. NO PARKING AREAS WERE DESIGNED USING BDE CHAPTER 48-2.05, AND D4 PAVEMENT MARKING STANDARDS. ANGLE PARKING SHALL BE 30°.
4. SEE SCHEDULE OF QUANTITIES FOR ALL OTHER PAVEMENT MARKING TYPES AND QUANTITIES.

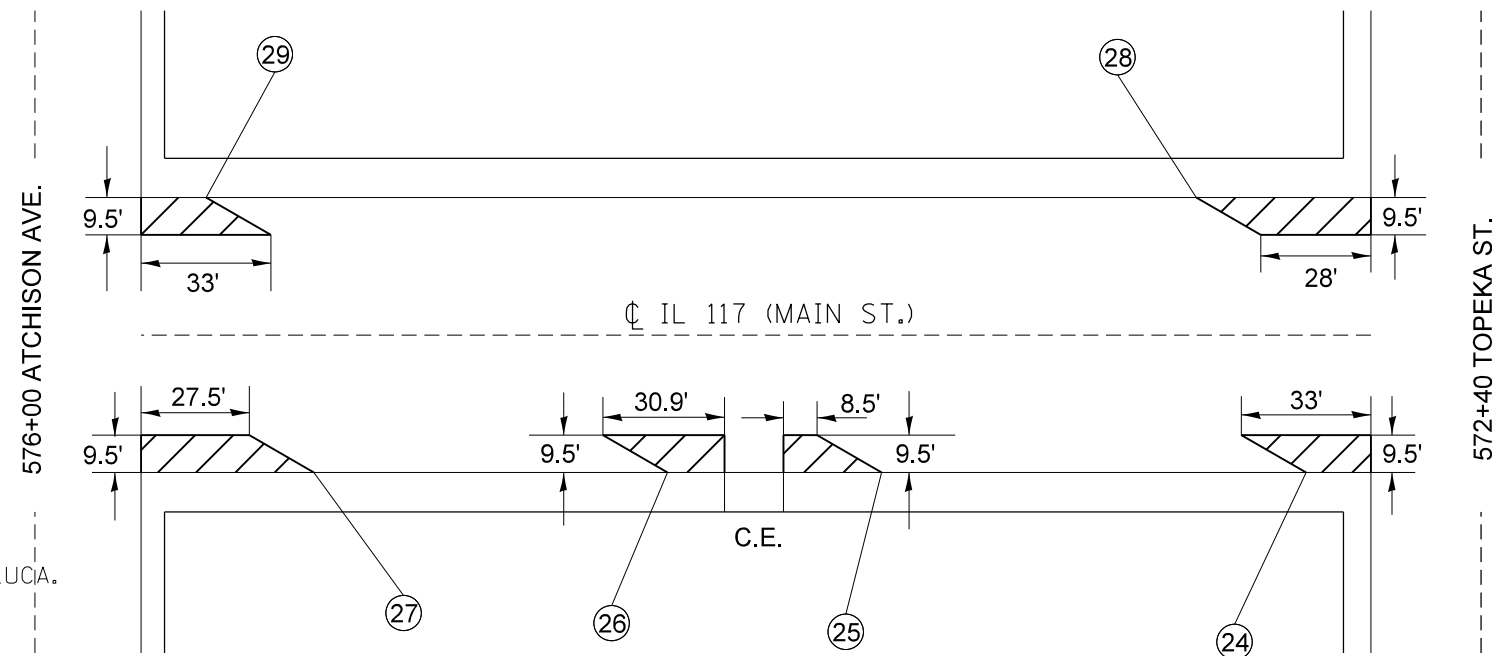
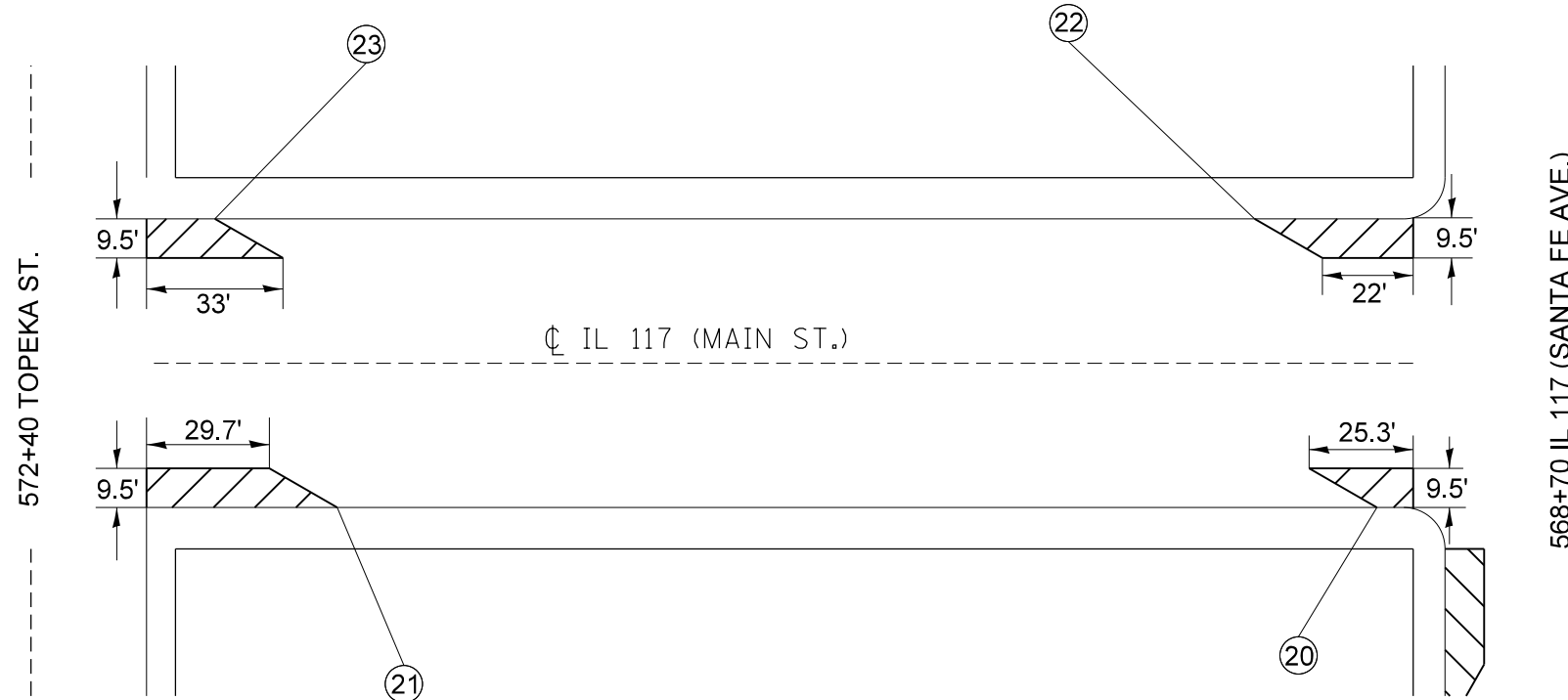
FILE NAME = 68982.dgn Default	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARKING LANE PAVEMENT MARKING DETAILS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -					2361	101 RS-4; 102 RS-5	MARSHALL	51	42
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -		SCALE:	SHEET 42 OF 51 SHEETS	STA. 561+00 TO STA. 565+00	CONTRACT NO. 68982				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



NOTE

1. ALL DIAGONAL PAVEMENT MARKING, FOR INDIVIDUAL SPACES, WILL BE DONE BY THE CITY OF TOLUCA.
2. NO PARKING AREAS SHALL BE MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (YELLOW).
3. NO PARKING AREAS ARE SHOWN AND LABELED WITH A LOCATION NUMBER. SCHEDULE OF QUANTITIES WILL SHOW THE TOTAL NUMBER OF FEET FOR THE AREA DEPICTED. NO PARKING AREAS WERE DESIGNED USING BDE CHAPTER 48-2.05. AND D4 PAVEMENT MARKING STANDARDS. ANGLE PARKING SHALL BE 30°.
4. SEE SCHEDULE OF QUANTITIES FOR ALL OTHER PAVEMENT MARKING TYPES AND QUANTITIES.

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARKING LANE PAVEMENT MARKING DETAILS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Default	PLOT SCALE = 40.0000' / in.	DRAWN -					REVISED -	2361	101 RS-4; 102 RS-5	MARSHALL	51
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -		SCALE:	SHEET 43 OF 51 SHEETS	STA. 565+00 TO STA. 568+70	ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -					CONTRACT NO. 68982				



NOTE

1. ALL DIAGONAL PAVEMENT MARKING, FOR INDIVIDUAL SPACES, WILL BE DONE BY THE CITY OF TOLUCA.
2. NO PARKING AREAS SHALL BE MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (YELLOW).
3. NO PARKING AREAS ARE SHOWN AND LABELED WITH A LOCATION NUMBER. SCHEDULE OF QUANTITIES WILL SHOW THE TOTAL NUMBER OF FEET FOR THE AREA DEPICTED. NO PARKING AREAS WERE DESIGNED USING BDE CHAPTER 48-2.05. AND D4 PAVEMENT MARKING STANDARDS. ANGLE PARKING SHALL BE 30°.
4. SEE SCHEDULE OF QUANTITIES FOR ALL OTHER PAVEMENT MARKING TYPES AND QUANTITIES.

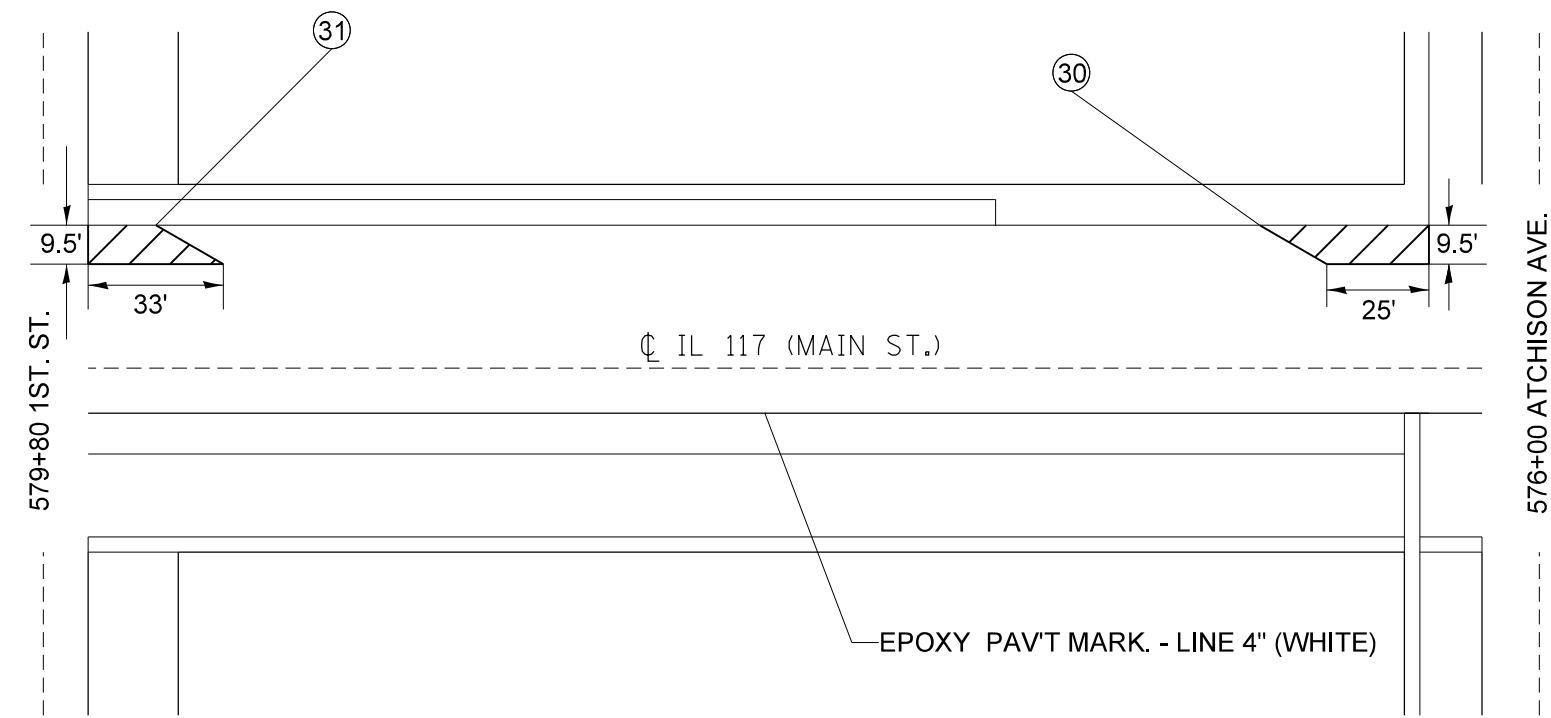
FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/21/2013	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PARKING LANE PAVEMENT MARKING DETAILS

SCALE: SHEET 44 OF 51 SHEETS STA. 575+00 TO STA. 572+40

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101 RS-4; 102 RS-5	MARSHALL	51	44
CONTRACT NO. 68982				
ILLINOIS FED. AID PROJECT				

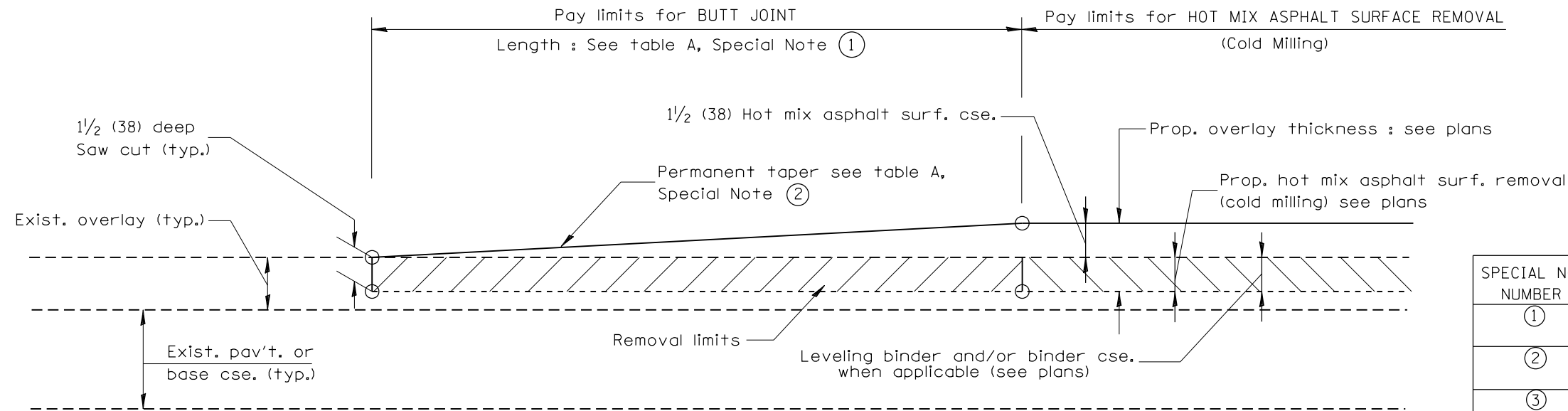


NOTE

1. ALL DIAGONAL PAVEMENT MARKING, FOR INDIVIDUAL SPACES, WILL BE DONE BY THE CITY OF TOLUCA.
2. NO PARKING AREAS SHALL BE MODIFIED UTREHANE PAVEMENT MARKING - LINE 4" (YELLOW).
3. NO PARKING AREAS ARE SHOWN AND LABELED WITH A LOCATION NUMBER.
SCHEDULE OF QUANTITIES WILL SHOW THE TOTAL NUMBER OF FEET FOR THE AREA DEPICTED. NO PARKING AREAS WERE DESIGNED USING BDE CHAPTER48-2.05. AND D4 PAVEMENT MARKING STANDARDS. ANGLE PARKING SHALL BE 30°.
4. SEE SCHEDULE OF QUANTITIES FOR ALL OTHER PAVEMENT MARKING TYPES AND QUANTITIES.

FILE NAME = 68982.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARKING LANE DETAILS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Default	PLOT SCALE = 40.0000' / in.	CHECKED -					REVISED -	2361	101 RS-4; 102 RS-5	MARSHALL	51
	PLOT DATE = 3/21/2013	DATE -	REVISED -		SCALE: SHEET 45 OF 51 SHEETS STA. 579+80 TO STA. 576+00			CONTRACT NO. 68982				
											ILLINOIS FED. AID PROJECT	

DESIGNER NOTES:
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).



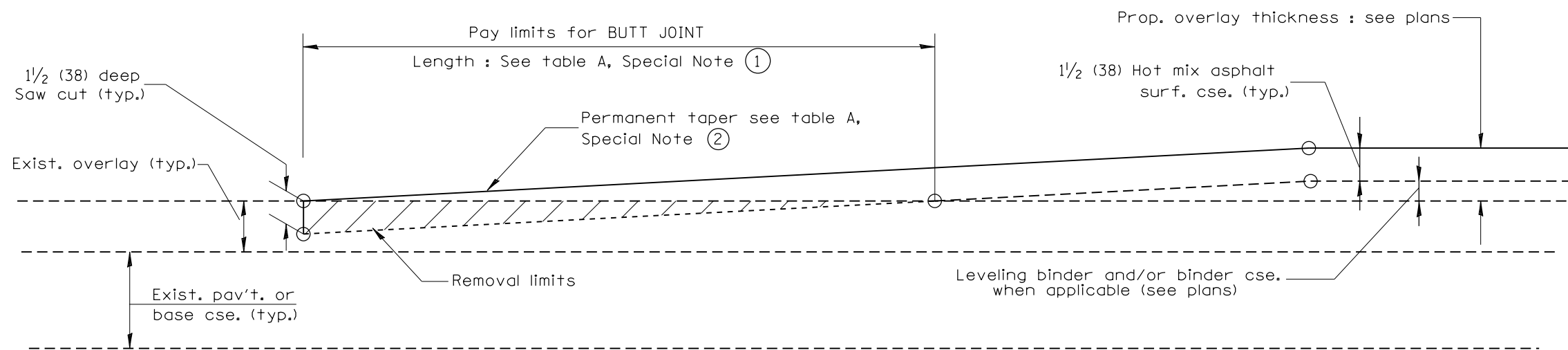
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

GENERAL NOTES

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
- The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
04-01-97	CORRECTION TO DEPTH	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

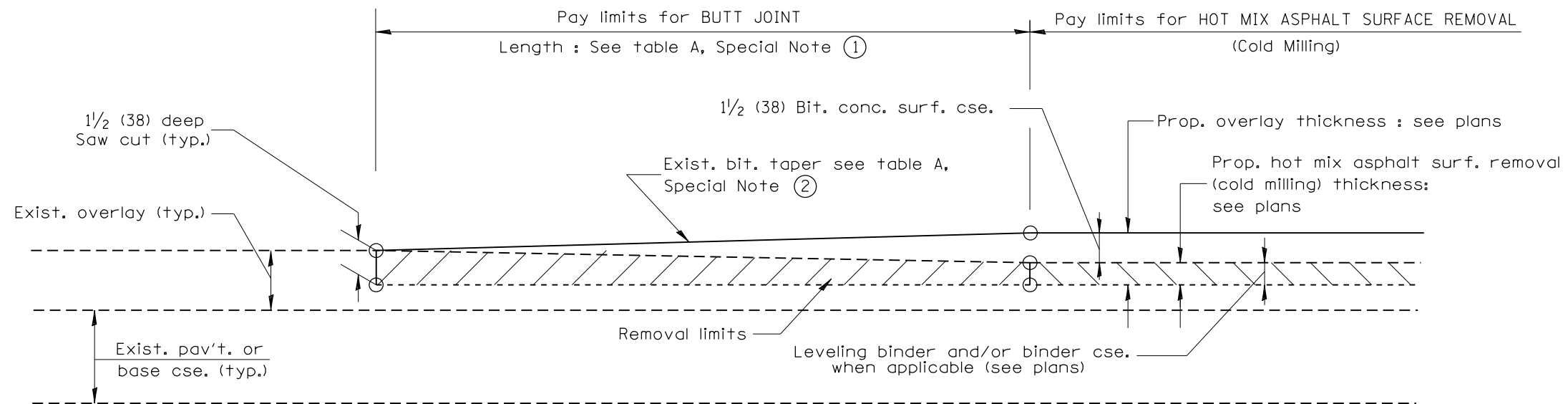
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

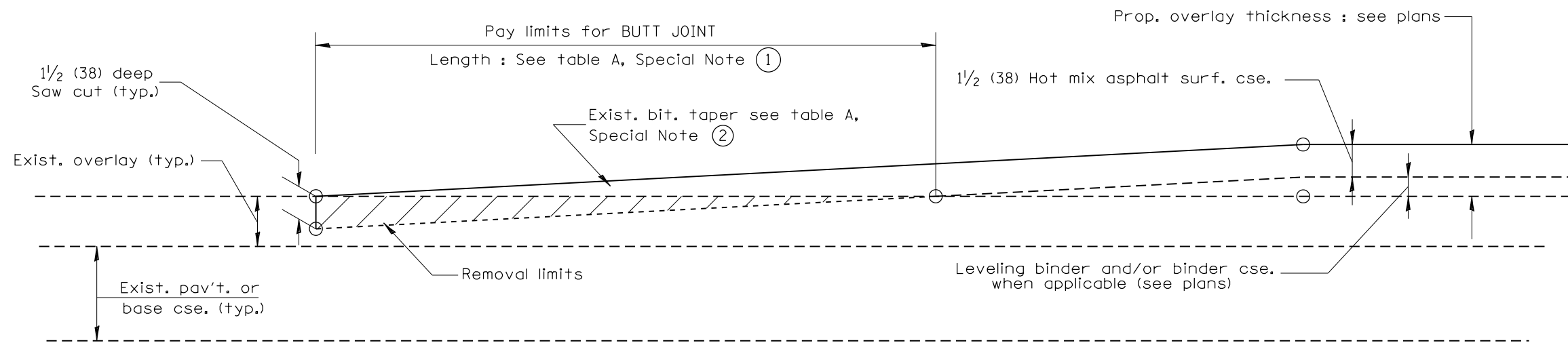
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

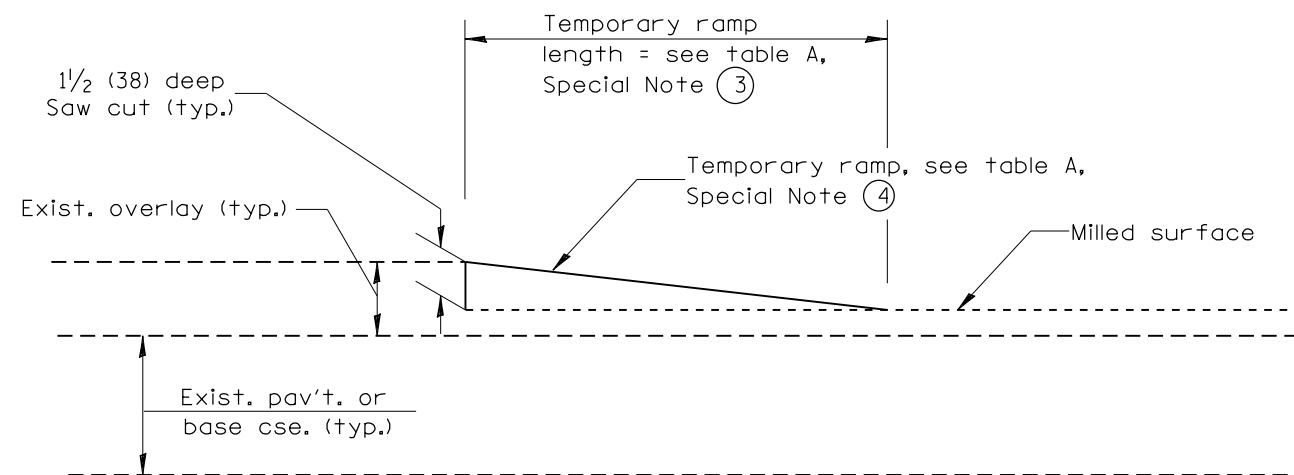
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	10IRS-4;102RS-5	MARSHALL	51	46
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68982	



CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



DETAIL TEMPORARY RAMP

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

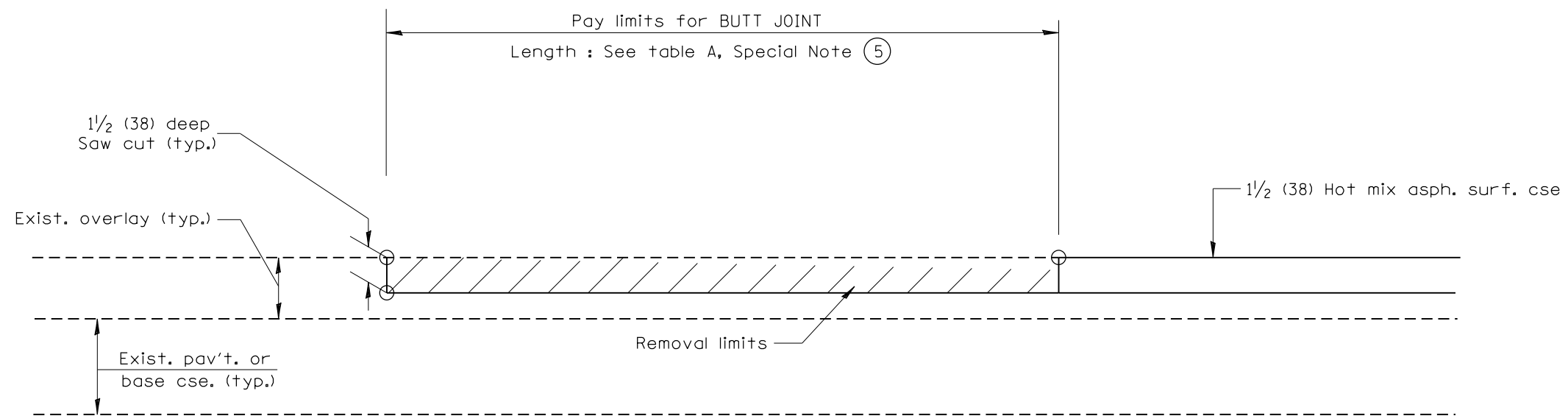
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3
CADD STD. 406101-D4

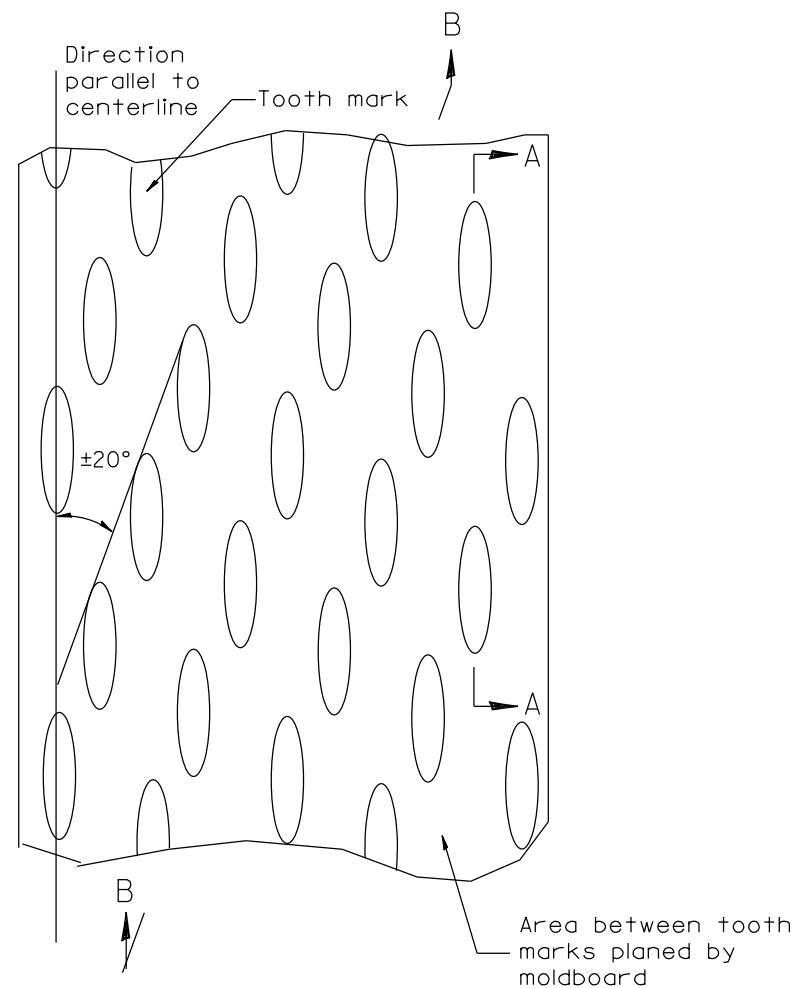
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	101RS-4;102RS-5	MARSHALL	51	47
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			CONTRACT NO. 68982	



CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

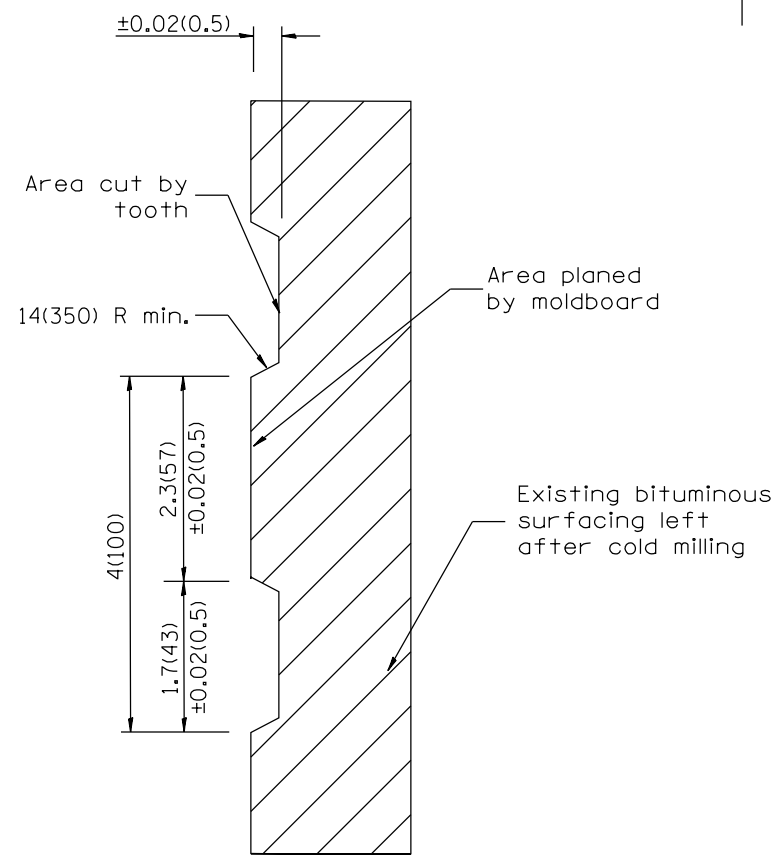
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS			
				NOT TO SCALE		SHT. 3 OF 3 CADD STD. 406101-D4			
								CONTRACT NO. 68982	
								FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	



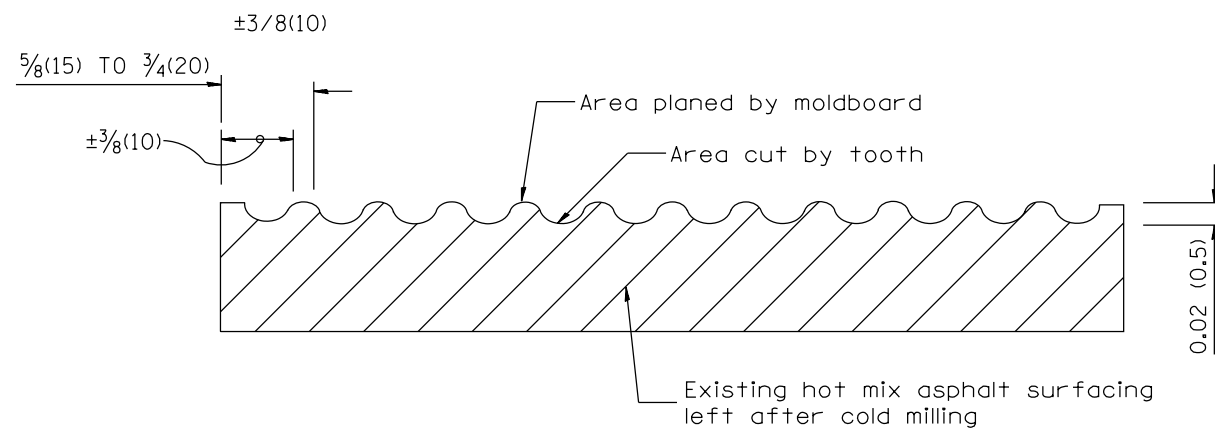
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

DESIGNER NOTES:
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

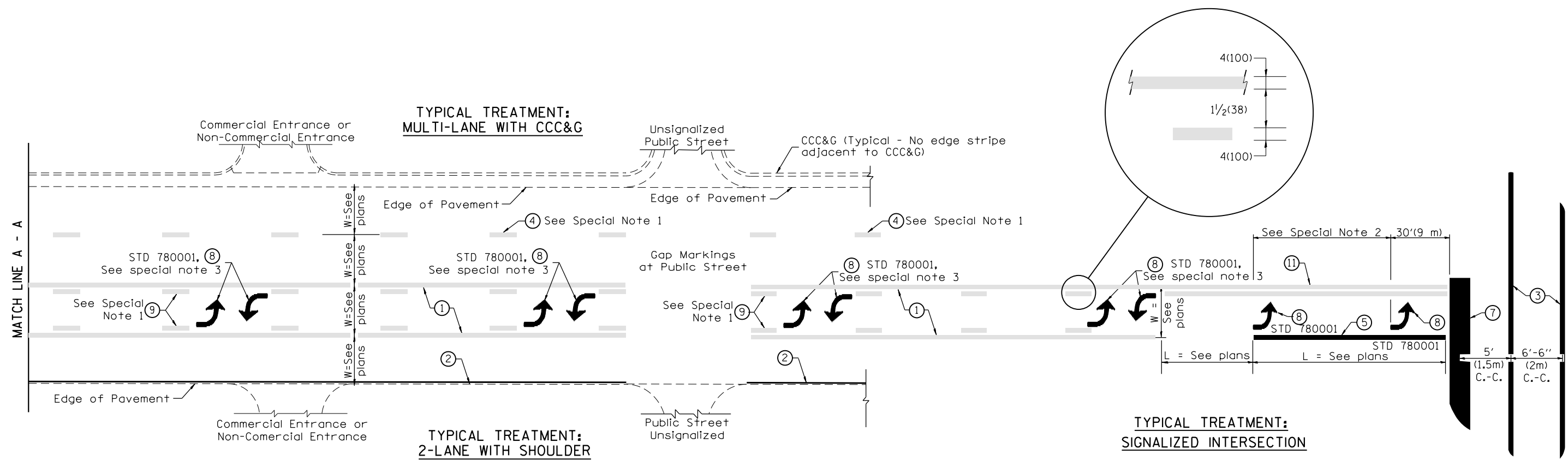
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2361	10IRS-4;102RS-5	MARSHALL	51	49
CONTRACT NO. 68982				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

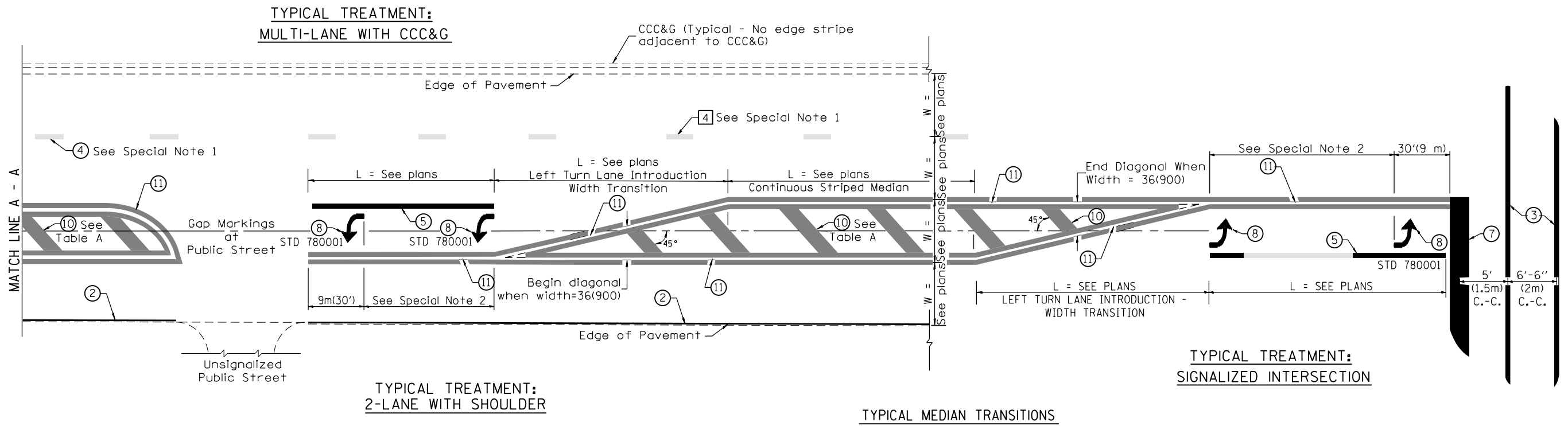
SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

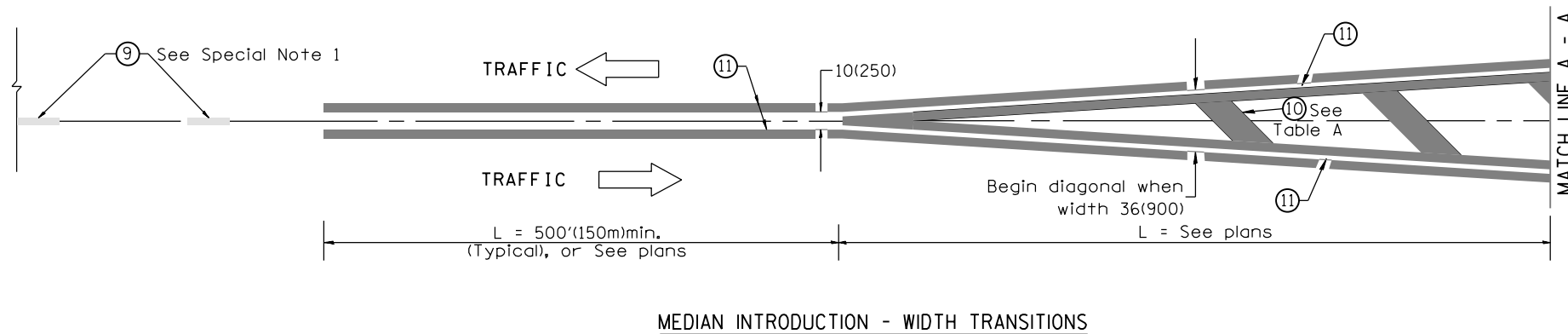
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	NOT TO SCALE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.						2361	10IRS-4;102RS-5	MARSHALL	51	50
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.						SHT. 1 OF 2 CADD STD. 780001-D4			CONTRACT NO. 68982	
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



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