

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5352	09-00176-01-RS	DeKALB	15	1
ILLINOIS			CONTRACT NO. 87492	

**INDEX OF SHEETS**

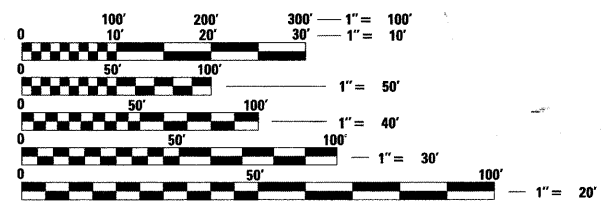
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5-6 SCHEDULE OF QUANTITIES
- 7-11 PLAN SHEETS

**STATE STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 442201-03 CLASS C AND CLASS D PATCHES
- 604001-03 FRAME AND LIDS TYPE 1
- 701301-04 LANE CLOSURE 2L2W
- 701501-06 URBAN LANE CLOSURE 2L2W UNDIVIDED
- 701801-04 LANE CLOSURE MULTI LANESIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS
- 826001-01 DETECTOR LOOP INSTALLATIONS

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

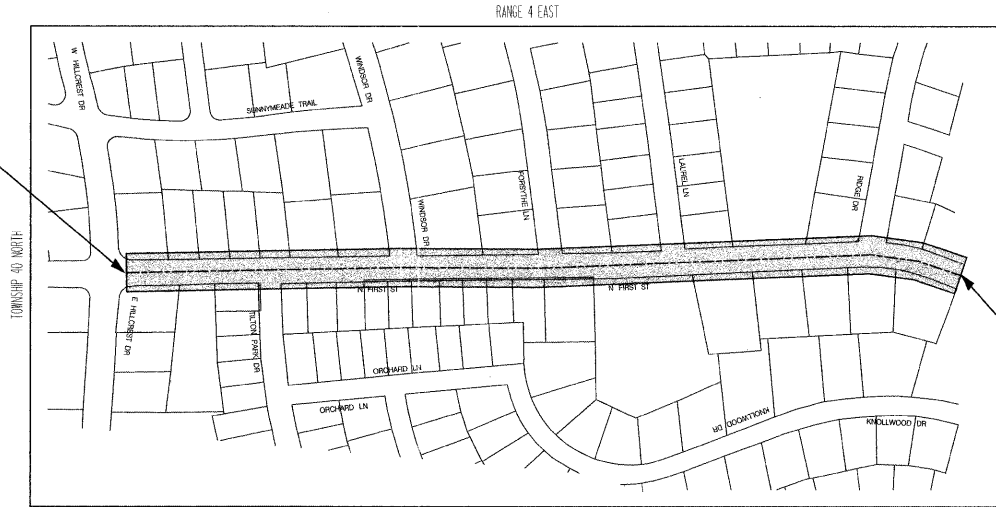
**FAU ROUTE 5352 (NORTH FIRST STREET)**  
**DEKALB COUNTY**  
**CITY OF DEKALB**  
**SECTION 09-00176-01-RS**  
**PROJECT NO. M-5017(047)**  
**JOB NO. C-93-124-11**



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**

**NORTH FIRST STREET  
IMPROVEMENT ENDS  
STA. 257 + 25**



**NORTH FIRST STREET  
IMPROVEMENT BEGINS  
STA. 235 + 31**

**SCALE: 1" = 250'**

**GROSS LENGTH = 2194.0 FT. = 0.42 MILE**  
**NET LENGTH = 2194.0 FT. = 0.42 MILE**

**Function Classification:**  
**Minor Arterial**

**2010 ADT = 10,900**  
**2030 ADT = 14,500**  
**Design Speed = 35 mph**

**Designed Under 3R Guidelines: Resurfacing to  
Extend the Life of Existing Facilities**

**APPROVED** *May 23, 2011*  
*Joel C. Maurer*  
**LOCAL AGENCY OFFICIAL**

**PASSED** *May 31, 2011*  
*John J. [Signature]*  
**DISTRICT THREE IMPLEMENTATION ENGINEER**

**RELEASED FOR BID** *May 31, 2011*  
*[Signature]*  
**BASED ON LIMITED REVIEW BY THE  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DATE** *5/23/11*  
**BY** *Mark A. Stott*  
**LICENSE**  
**EXPIRES** *11/30/11*



**HAMPTON, LENZINI AND RENWICK, INC.**  
**CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS**  
**ELGIN, ILLINOIS 60123**  
**380 SHEPARD DRIVE**  
**847.697.6700 www.hlrengineering.com**  
184.000959 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

**PROJECT NUMBER:** 11.0113.330 **DATE:** 5/23/11



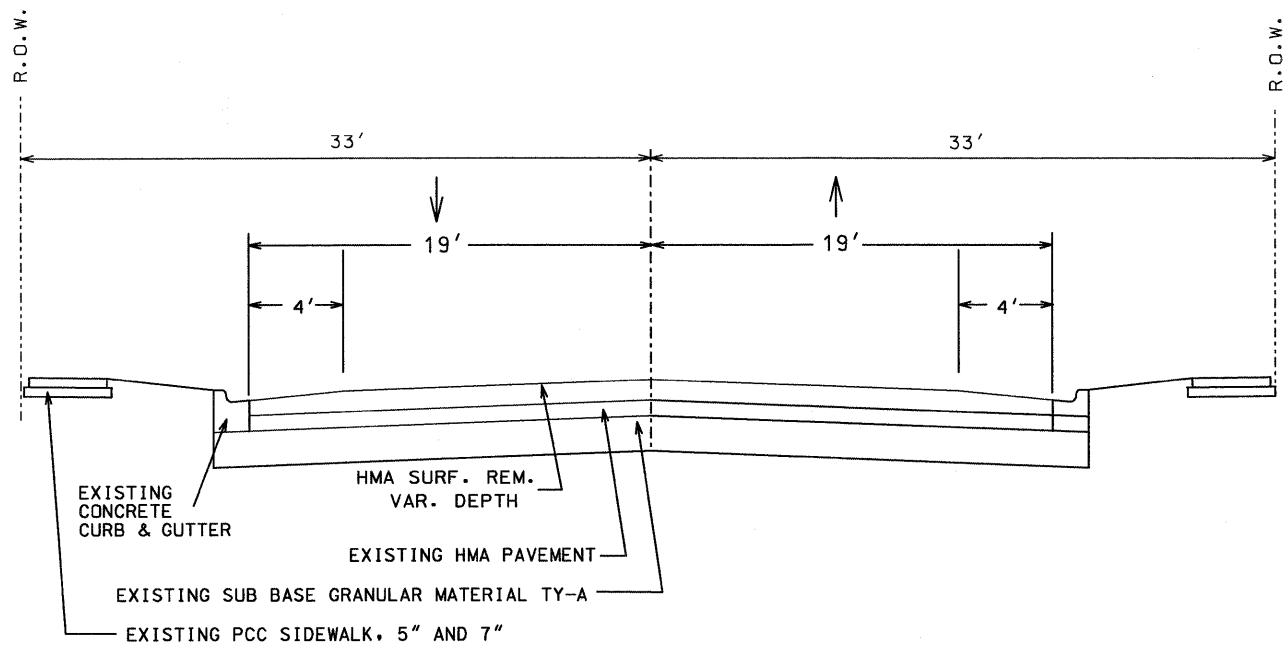
ITEM NO	PAY ITEM #	DESCRIPTION	CONST. TYPE CODE 0005			
			UNIT	QTY	Sp Pr	SP
1	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50		
2	25200100	SODDING	SQ YD	611		
3	40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	6		
4	40600300	AGGREGATE (PRIME COAT)	TON	4		
5	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	3		
6	40600525	LEVELING BINDER (HAND METHOD), N50	TON	25		
7	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	186		
8	40600990	TEMPORARY RAMP	SQ YD	58		
9	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	834		
10	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	74		
11	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,346		
12	42400800	DETECTABLE WARNINGS	SQ FT	88		
13	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	74		
14	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,672		
15	44000600	SIDEWALK REMOVAL	SQ FT	1,410		
16	44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	1,076		
17	44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	356		
18	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	127		
19	44213200	SAW CUTS	FOOT	72		
20	50800105	REINFORCEMENT BARS	POUND	67		
21	60107600	PIPE UNDERDRAINS 4"	FOOT	40		
22	60251520	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11V FRAME AND GRATE	EACH	11		
23	60255500	MANHOLES TO BE ADJUSTED	EACH	11		
24	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2		
25	60266600	VALVE BOXES TO BE ADJUSTED	EACH	5		
26	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1		
27	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,672		
28	70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,146		
29	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	223		
30	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	502		X

ITEM NO	PAY ITEM #	DESCRIPTION	CONST. TYPE CODE 0005			
			UNIT	QTY	Sp Pr	SP
31	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,283		X
32	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	715		X
33	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	209		X
34	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	122		X
35	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	20		
36	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	20		
37	88600600	DETECTOR LOOP REPLACEMENT	FOOT	556	*	X
38	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	9,264	*	
39	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	*	
40	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	*	
41	XX008348	MORTAR EXISTING STRUCTURE	EACH	2	*	
42	Z0001110	GAS VALVE TO BE ADJUSTED	EACH	1	*	
43	X0656300	PAVEMENT REMOVAL AND REPLACEMENT	SQ YD	3,310	*	

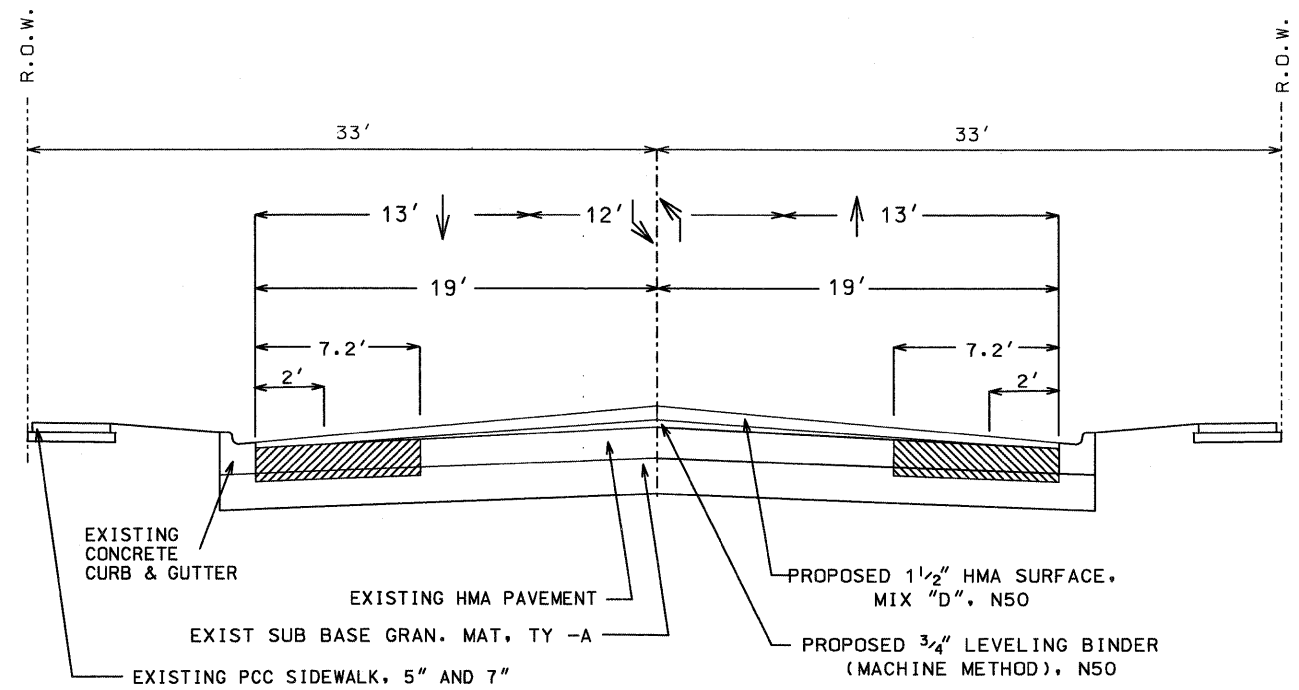
\* DENOTES SPECIAL PROVISION PROVIDED

X DENOTES SPECIALTY ITEM

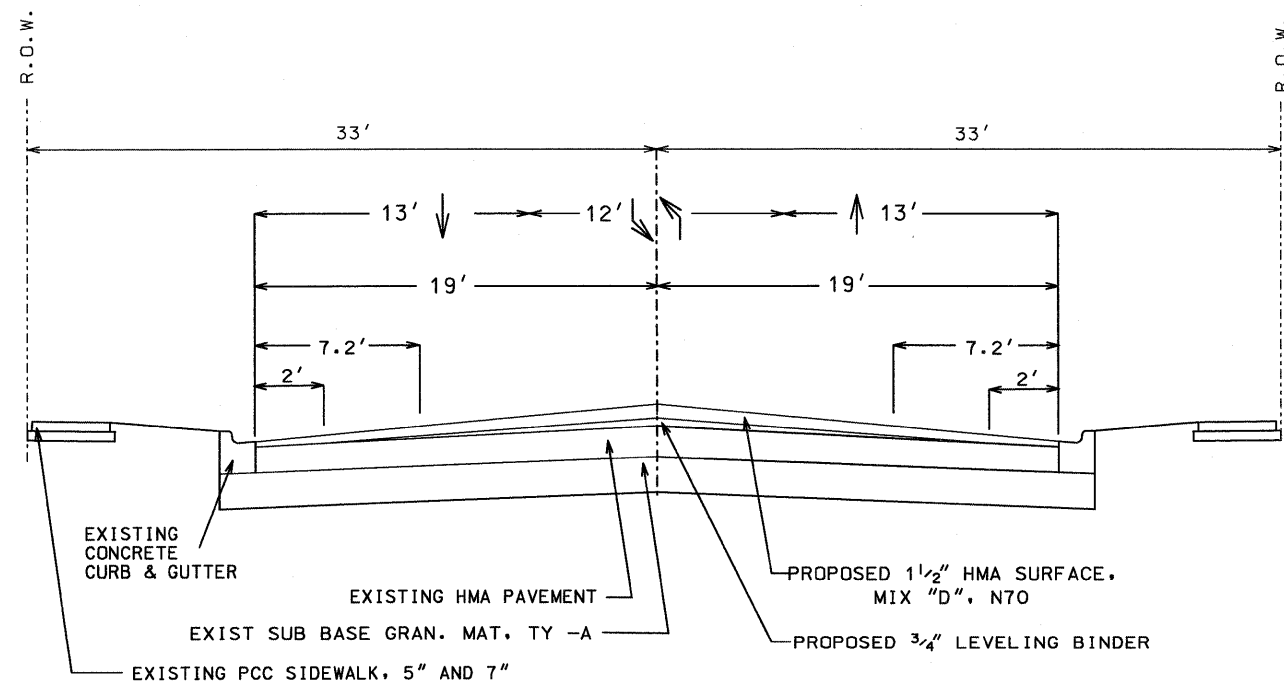
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	PLOT SCALE = *SCALE*	DRAWN -	REVISED -			5352	09-00176-01-RS	DEKALB	15	3	
	PLGT DATE = *DATE*	CHECKED -	REVISED -			CONTRACT NO. 87492					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT NO. M-5017(047)					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



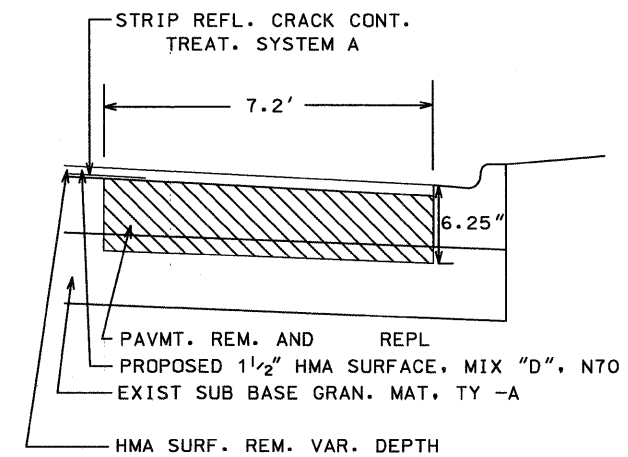
EXISTING  
STA 235+31 TO 257+25



PROPOSED  
STA 235+31 TO 256+00



PROPOSED  
STA 256+00 TO 257+25



PAVMT. REM. AND REPL  
DETAIL  
STA 235+31 TO 256+00

FILE NAME = *FILEL*	USER NAME = #USER#	DESIGNED - 4-22-11	REVISED - 5-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	<b>TYPICAL SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	PLOT SCALE = #SCALE#	CHECKED - 4-22-11	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	5352	09-00176-01-RS	DEKALB	15	4
	PLOT DATE = #DATE#	DATE -	REVISED -								CONTRACT NO. 81492				
											ILLINOIS FED. AID PROJECT				

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12			
From Sta	To Sta	Ref	Length
23541	23576	LT	35
23563	23566	RT	3
23582	23609	RT	27
23626	23647	RT	21
23695	23706	LT	11
23781	23784	RT	3
23789	23806	LT	17
23869	23877	LT	8
24023	24038	LT	15
24050	24064	LT	14
24125	24128	LT	3
24133	24172	RT	39
24216	24226	LT	10
24223	24230	RT	7
24237	24244	RT	7
24254	24265	RT	11
24293	24296	RT	3
24302	24324	RT	31
24354	24369	RT	25
24300	24310	LT	10
24360	24369	LT	9
24418	24432	LT	14
24500	24515	LT	15
24560	24564	LT	4
24519	24549	RT	30
24561	24573	RT	12
24618	24702	LT	84
24620	24625	RT	27
24750	24753	LT	3
24790	24828	LT	38
24875	24885	LT	10
24802	24820	RT	18
24974	24977	LT	3
24984	24992	LT	8
24986	25006	RT	20
25040	25053	RT	13
25053	25060	LT	7
25122	25131	LT	9
25238	25268	RT	30
25317	25376	RT	59
25317	25339	LT	22
25387	25410	RT	23
25437	25452	LT	15
25454	25489	RT	35
25473	25486	LT	13
25498	25535	LT	37
25532	25567	RT	35
25544	25589	LT	45
25618	25663	RT	45
25670	25715	RT	45
<b>TOTAL</b>			<b>1672</b>

SIDEWALK REMOVAL					
From Sta	To Sta	Ref	Width	Avg Length	Area
238+00.00	238+05.00	RT	6.00	4.00	24
243+60.00	243+69.00	LT	7.00	4.00	28
243+60.00	243+69.00	RT	8.00	4.00	32
246+10.00	246+20.00	RT	6.50	8.00	52
249+86.00	250+06.00	RT	4.00	23.00	92
250+50.00	250+60.00	RT	7.50	10.00	75
252+85.00	252+90.00	RT	4.00	7.50	30
238+05.00	238+16.00	RT	4.00	16.25	65
238+63.00	238+82.00	LT	4.00	22.00	88
243+00.00	243+24.00	RT	4.00	33.50	134
243+00.00	243+21.00	LT	4.00	27.50	110
243+54.00	243+73.00	RT	4.00	23.00	92
246+21.00	246+37.00	RT	4.00	13.00	52
246+65.00	246+81.00	RT	4.00	12.50	50
249+86.00	250+06.00	RT	4.00	28.75	115
249+84.00	249+88.00	LT	4.00	7.00	28
250+40.00	250+60.00	RT	4.00	16.25	65
250+52.00	250+59.00	LT	4.00	7.00	28
253+13.00	253+23.00	RT	4.00	10.00	40
253+13.00	253+23.00	LT	4.00	25.00	100
253+86.00	254+00.00	LT	4.00	27.50	110
<b>TOTAL</b>					<b>1410</b>

DETECTABLE WARNINGS			
Sta	Ref	Size	Area
238+16.00	RT	2'x4'	8
238+69.00	RT	2'x4'	8
243+10.00	RT	2'x4'	8
243+10.00	LT	2'x4'	8
246+30.00	RT	2'x4'	8
246+68.00	RT	2'x4'	8
249+86.00	RT	2'x4'	8
249+90.00	LT	2'x4'	8
253+18.00	RT	2'x4'	8
253+18.00	LT	2'x4'	8
253+87.00	LT	2'x4'	8
<b>TOTAL</b>			<b>88</b>

CATCH BASINS TO BE ADJUSTED			
Sta	Ref	TY-11V	CLEAN & MORTAR
240+52.00	19' RT	1	1
243+08.00	19' RT	1	
243+08.00	19' LT	1	
245+65.00	19' RT	1	
245+65.00	19' LT	1	
246+71.00	19' LT	1	
248+09.00	19' RT	1	
248+11.00	21' LT		1
249+62.00	19' RT	1	
250+50.00	19' LT	1	
255+47.00	19' RT	1	
255+47.00	19' LT	1	
<b>TOTAL</b>		<b>11</b>	<b>2</b>

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH					
From Sta	To Sta	Ref	Width	Avg Length	Area
238+05.00	238+16.00	RT	5	000+16.25	81.25
238+63.00	238+82.00	LT	5	000+22.00	110.00
243+00.00	243+24.00	RT	5	000+33.50	167.50
243+00.00	243+21.00	LT	5	000+27.50	137.50
243+54.00	243+73.00	RT	5	000+23.00	115.00
246+21.00	246+37.00	RT	5	000+13.00	65.00
246+65.00	246+81.00	RT	5	000+12.50	62.50
249+86.00	250+06.00	RT	5	000+28.75	143.75
249+84.00	249+88.00	LT	5	000+07.00	35.00
250+40.00	250+60.00	RT	5	000+16.25	81.25
250+52.00	250+59.00	LT	5	000+07.00	35.00
253+13.00	253+23.00	RT	5	000+10.00	50.00
253+13.00	253+23.00	LT	5	000+25.00	125.00
253+86.00	254+00.00	LT	5	000+27.50	137.50
<b>TOTAL</b>					<b>1346</b>

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH					
From Sta	To Sta	Ref	Width	Avg Length	Area
241+33.00	241+63.00	RT	7	25	19
246+19.00	246+49.00	LT	7	25	19
246+70.00	247+00.00	LT	7	25	19
255+32.00	255+47.00	RT	7	13	10
255+53.00	255+70.00	RT	3	16	5
<b>TOTAL</b>					<b>74</b>

MANHOLES TO BE ADJUSTED					
Sta	SS	SAN	VV	TY-1	
240+52.00	CL				
243+08.00	CL				
245+65.00	CL				
246+79.00	CL				
248+18.00	CL				
249+62.00	CL				
250+20.00	10' RT				
250+43.00			4' LT		
250+43.00			4' LT		
250+50.00	CL				
253+81.00	CL				
253+90.00		CL			
255+47.00	CL				
256+96.00	CL			CL	
<b>TOTAL</b>	<b>11</b>	<b>1</b>	<b>2</b>	<b>1</b>	

HOT-MIX ASPHALT								
Location	Width	Length	HMA Surf.	HMA Surf.	*Bit. Prime	Agg. Prime	Mix. Crck./Jts./Flg.	Temp. Ramps
			Rem Sq Yd	N50 Tons	Tons	Tons	Tons	Sq Yds
North of Ridge	38	319	1346.89	121.22	0.87	0.64	0.40	
Ridge Dr to Laurel Lane	38	480	2026.67	182.40	1.31	0.96	0.61	14.00
Laurel Lane to Forsythe Lane	38	320	1351.11	121.60	0.88	0.64	0.41	14.00
Forsythe Lane to Windsor Drive	38	375	1583.33	142.50	1.03	0.75	0.48	14.00
Windsor Drive to Tilton Park Drive	38	350	1477.78	133.00	0.96	0.70	0.44	
Tilton Park Drive to Hillcrest Drive	38	350	1477.78	133.00	0.96	0.70	0.44	16.20
<b>TOTAL</b>		<b>2194</b>	<b>9264</b>	<b>834</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>58</b>

\*Assume 2 Applications

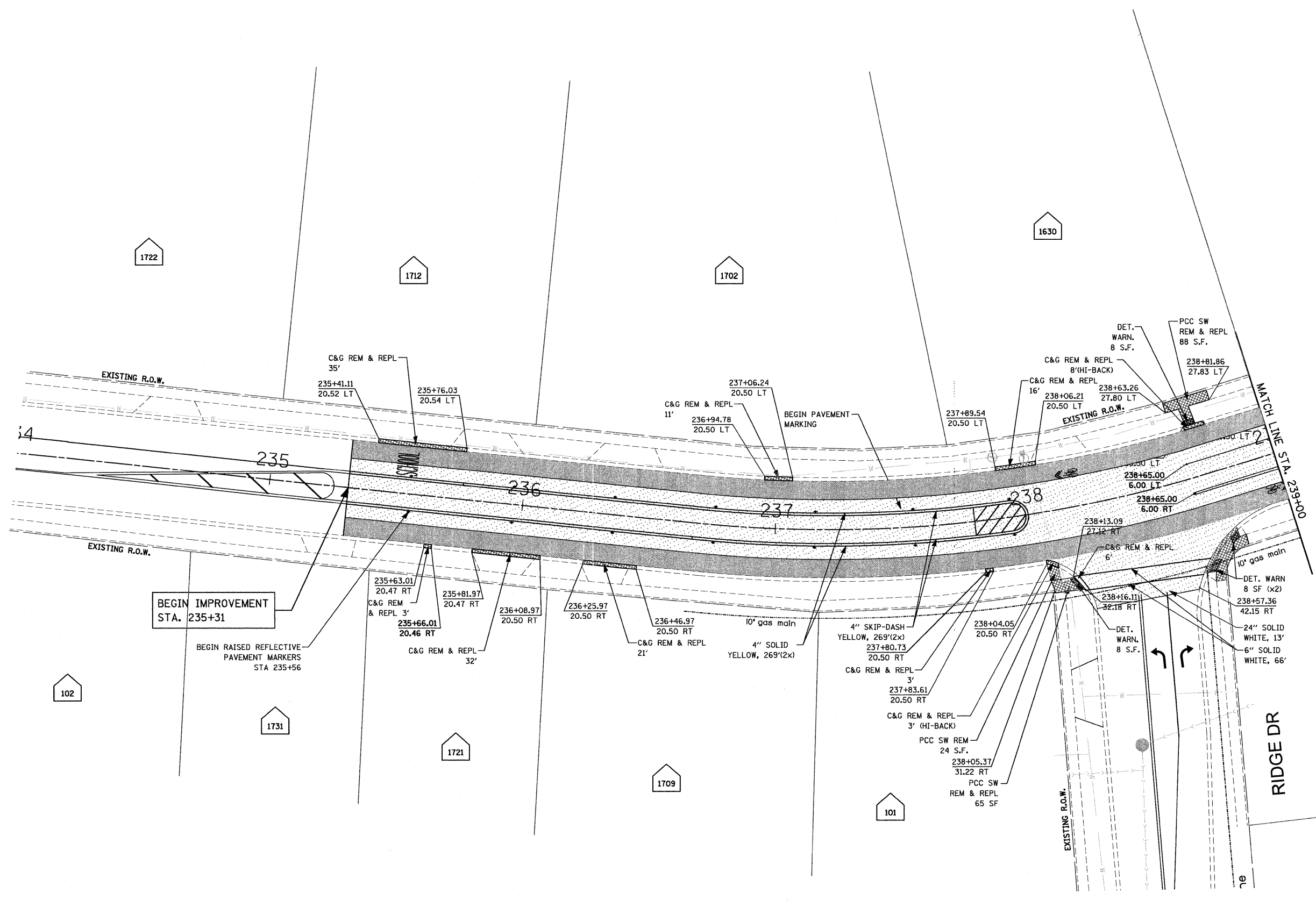
THERMOPLASTIC PAVEMENT MARKING							
Location	Short-Term	4"	6"	12"	24"	L&S	Removal
	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)
North of Ridge	372	1076		40	25	74	27.00
Ridge Dr to Laurel Lane	360	1580	202	60	13	104	119.91
Laurel Lane to Forsythe Lane	271	1020	66		15	84	90.45
Forsythe Lane to Windsor Drive	328	1280	62		17	84	36.00
Windsor Drive to Tilton Park Drive	319	1148	66		18	104	35.00
Tilton Park Drive to Hillcrest Drive	497	1179	319	109	34	52	55.00
<b>TOTAL</b>	<b>2146</b>	<b>7283</b>	<b>715</b>	<b>209</b>	<b>122</b>	<b>502</b>	<b>363</b>

PAVEMENT REMOVAL AND REPLACEMENT			
Location	Width	Length	Sq Yd
North of Ridge	14.4	319	510.40
Ridge Dr to Laurel Lane	14.4	480	768.00
Laurel Lane to Forsythe Lane	14.4	320	512.00
Forsythe Lane to Windsor Drive	14.4	375	600.00
Windsor Drive to Tilton Park Drive	14.4	350	560.00
Tilton Park Drive to Hillcrest Drive	14.4	225	360.00
<b>TOTAL</b>		<b>2069</b>	<b>3310</b>

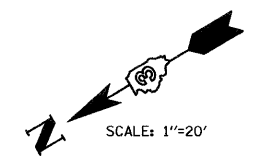
CLASS "D" PATCHING						
Location	Width	Length	Quantity	Type II	Type III	Type IV
Laurel Lane	8	13	2		23.11	
Laurel Lane	9	13.5	2			27.00
Windsor Drive	6	17	2		22.67	
*TBD	12	8	2	21.33		
*TBD	12	6	7	56.00		
*TBD	12	10	10	133.33		
*TBD	12	4	156	832.00		
*TBD	15	4	1	6.67		
*TBD	30	4	2	26.67		
*TBD	12	12	4		64.00	
*TBD	15	12	9		180.00	
*TBD	20	10	3		66.67	
*TBD	25	12	3			100.00
<b>TOTAL</b>			<b>203</b>	<b>1076</b>	<b>356</b>	<b>127</b>

\*Locations measured in the field for quantity purposes only. Final patch locations to be determined in the field by the Engineer

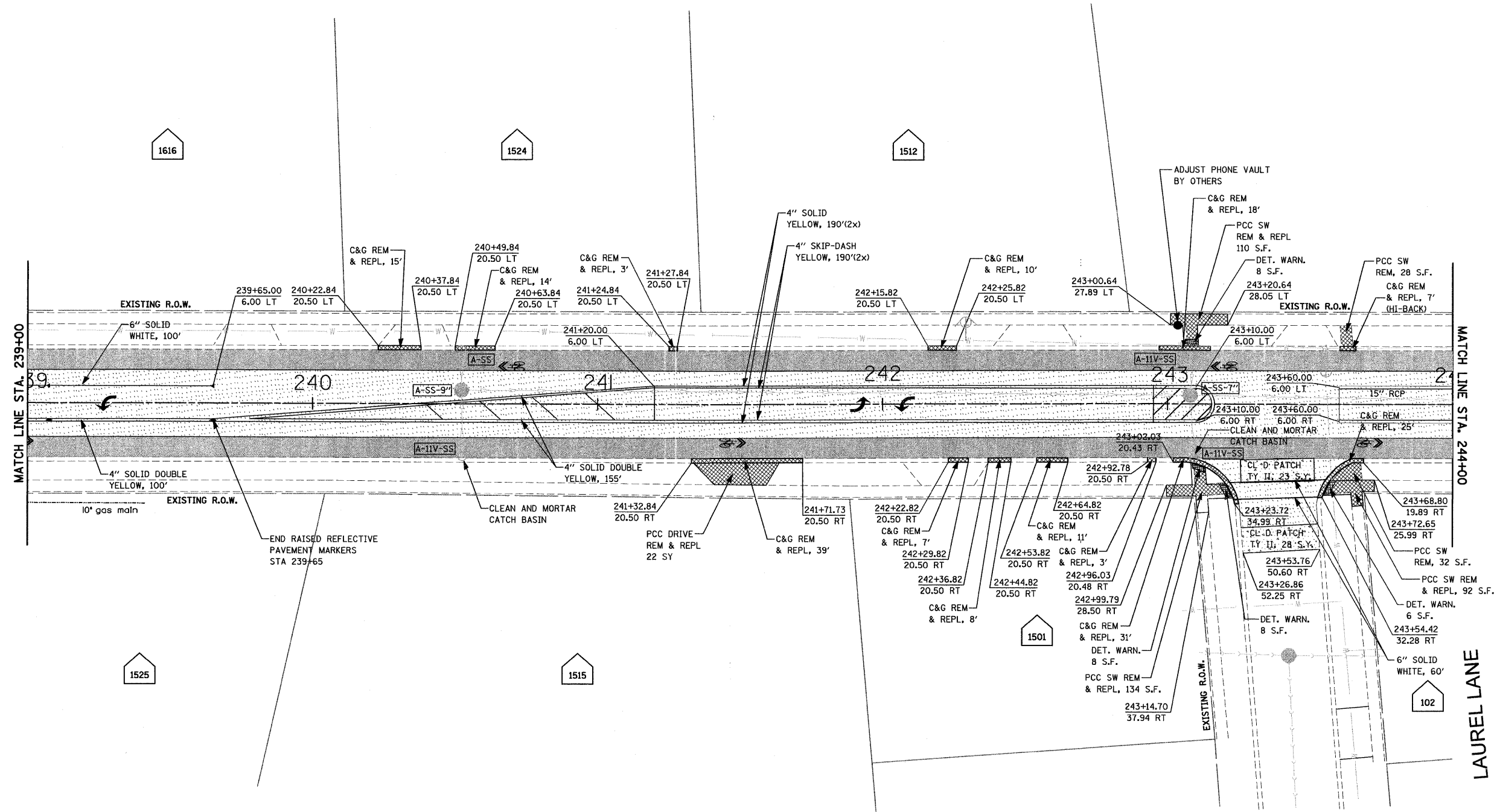
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH						
From Sta	To Sta	Ref	Width	Avg Length	Area	
241+33.00	241+63.00	RT	7	25	19	
246+19.00	246+49.00	LT	7	25	19	
246+70.00	247+00.00	LT	7	25	19	
255+32.00	255+47.00	RT	7	13	10	
255+53.00	255+70.00	RT	3	16	5	
<b>TOTAL</b>					<b>74</b>	



NORTH FIRST ST



FILE NAME =	USER NAME = #USER#	DESIGNED - 4-22-11	REVISED - 5-25-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>NORTH FIRST STREET</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\2011\110113\oad\phase 2\dwg\1st LAPP.dgn		DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO.	OF SHEETS	STA. 235+31 TO STA. 239+00	5352	09-00176-01-RS	DeKALB	15	7
PLOT SCALE = #SCALE#		CHECKED - 4-22-11	REVISED -										
PLOT DATE = 5/25/2011		DATE -	REVISED -										
								CONTRACT NO. 87492		ILLINOIS FED. AID PROJECT NO. M-5017(047)			



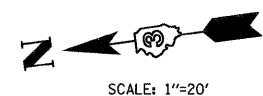
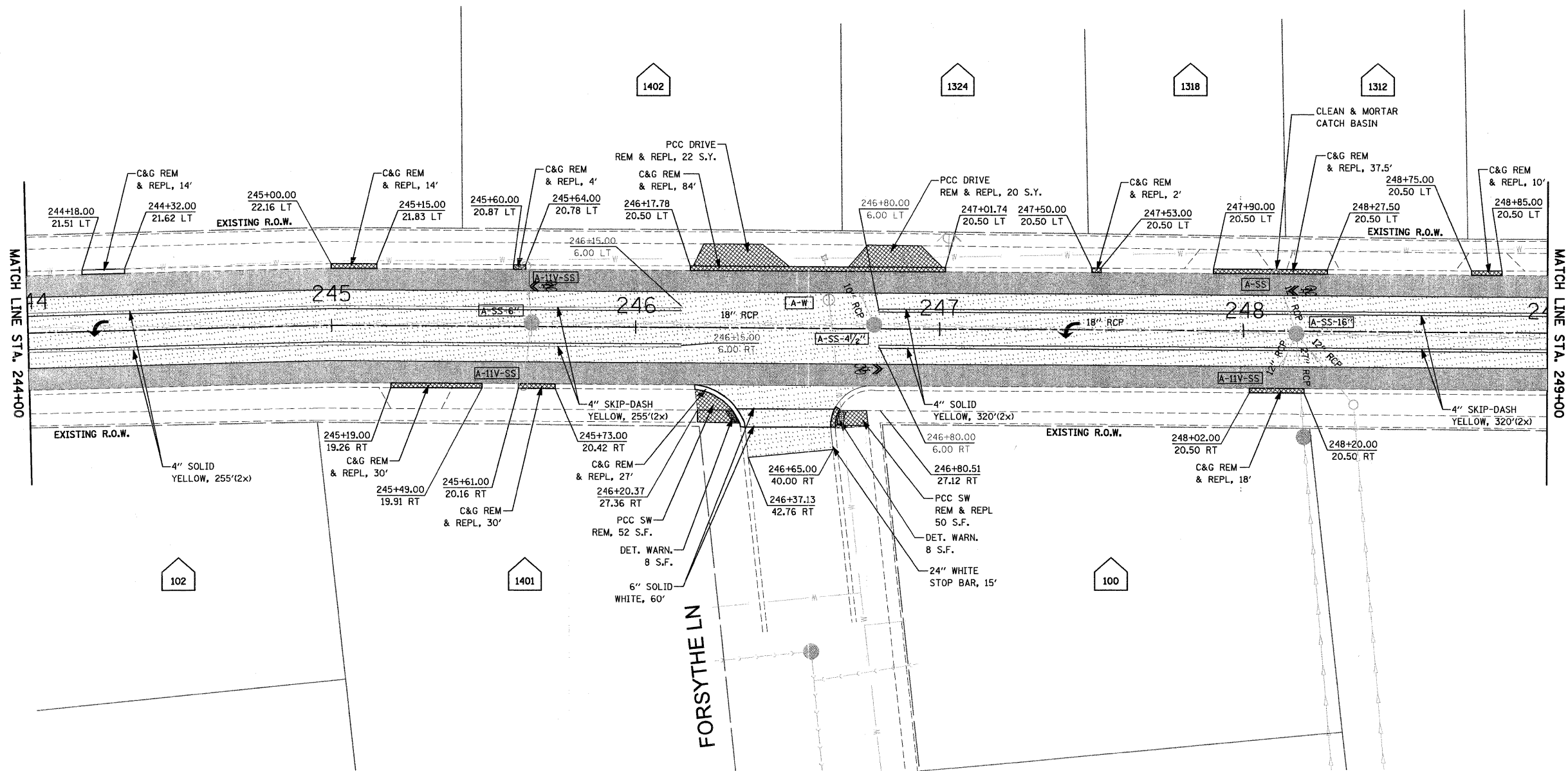
NORTH FIRST ST



SCALE: 1"=20'

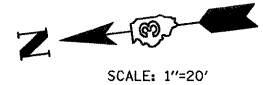
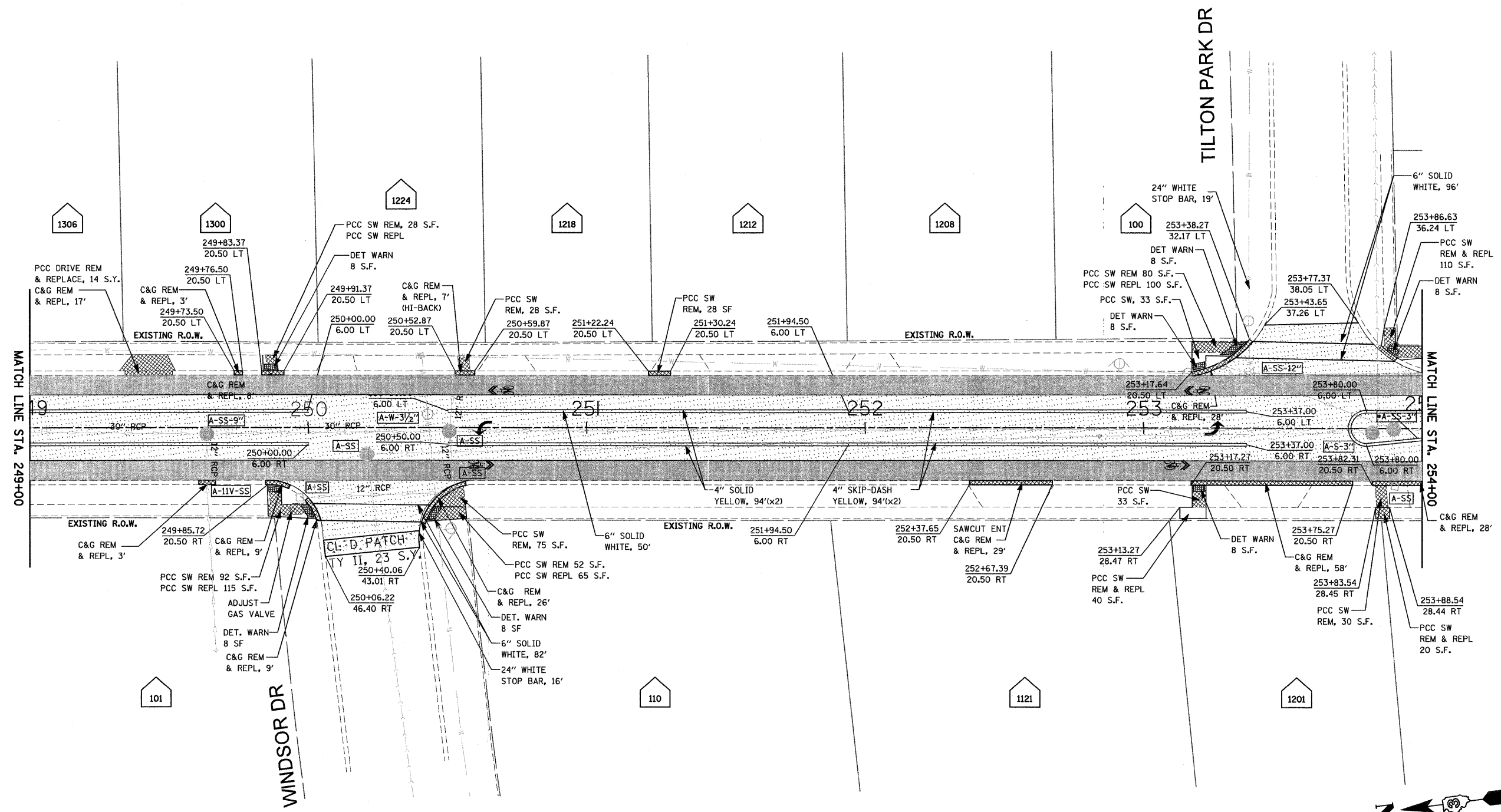
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PLOT SCALE = #SCALE#	CHECKED - 4-22-11	REVISED -	REVISED -			SCALE: 1"=20'	SHEET NO. OF SHEETS	STA. 239+00 TO STA. 244+00	CONTRACT NO. 87492			
PLOT DATE = 5/25/2011	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT NO. M-5017(047)						





NORTH FIRST ST

FILE NAME =	USER NAME = #USER#	DESIGNED - 4-22-11	REVISED - 5-25-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>NORTH FIRST STREET</b>			F.A.U. RTE. 5352	SECTION 09-00176-01-RS	COUNTY DeKALB	TOTAL SHEETS 15	SHEET NO. 9
P:\2011\110113\road\phase 2\dwg\1st LAPP.dwg		DRAWN -	REVISED -		SCALE: 1"=20' SHEET NO. OF SHEETS STA. 244+00 TO STA. 249+00			CONTRACT NO. 87492				
		CHECKED - 4-22-11	REVISED -		ILLINOIS FED. AID PROJECT NO. M-5017(047)							
		DATE -	REVISED -									

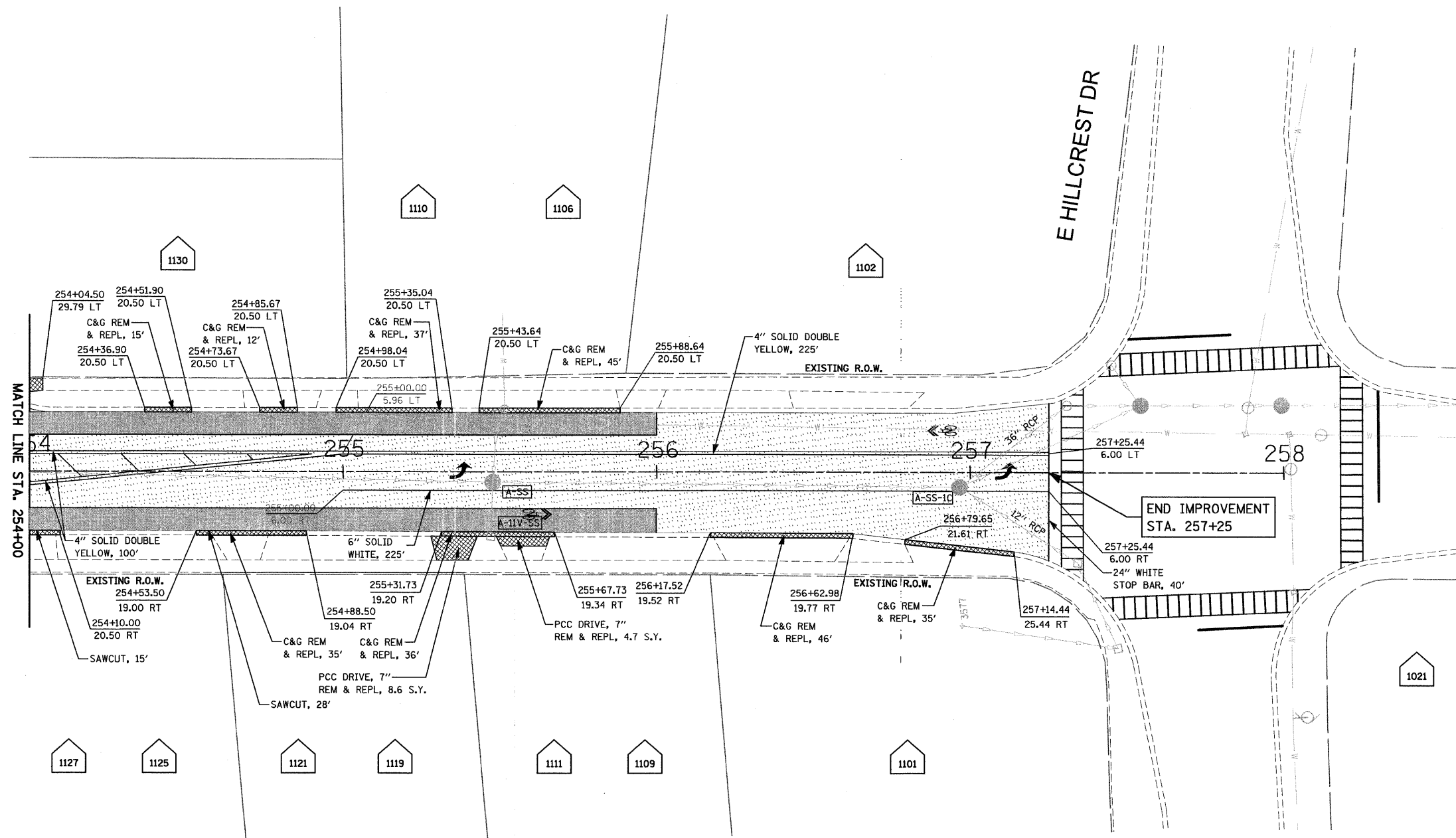


SCALE: 1"=20'

• NOTE: REQUIRES OVERSIZED RINGS FOR ADJUSTMENT

NORTH FIRST ST

FILE NAME =	USER NAME = #USER#	DESIGNED - 4-22-11	REVISED - 5-25-11	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>NORTH FIRST STREET</b>	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\2011\11013\road\phase 2\dwg\1st LAPP.dwg		DRAWN -	REVISED -			5352	09-00176-01-RS	DeKALB	15	10	
PLOT SCALE = #SCALE#		CHECKED - 4-22-11	REVISED -			CONTRACT NO. 87492					
PLOT DATE = 5/25/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT NO. M-5017(047)					
					SCALE: 1"=20'	SHEET NO.	OF	SHEETS	STA. 249+00	TO STA. 254+00	



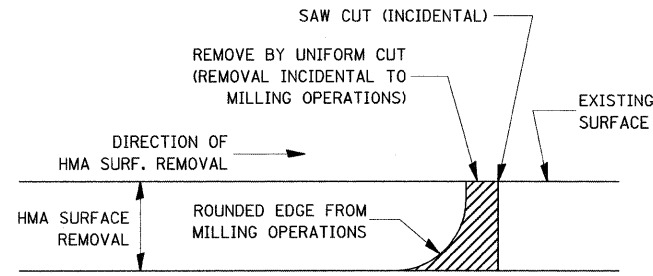
TRAFFIC DETECTOR LOOPS TO BE REMOVED AND REPLACED  
 AT INTERSECTION, SEE IDOT STANDARD DETAIL 886001-01 DETECTOR LOOP INSTALLATIONS  
 4 LOOPS AT 6'X20'



SCALE: 1"=20'

**NORTH FIRST ST**

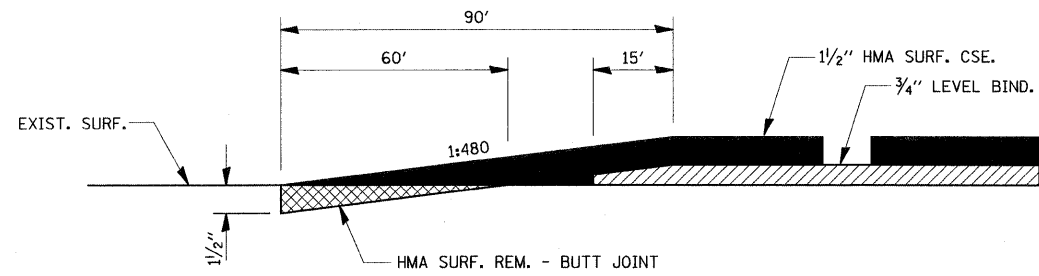
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PLOT SCALE = #SCALE#	CHECKED - 4-22-11	REVISED -	REVISED -		SCALE: 1"=20'	SHEET NO.	OF SHEETS	STA. 254+00	TO STA. 257+35	CONTRACT NO. 87492		
PLOT DATE = 5/25/2011	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT NO. M-5017(047)							



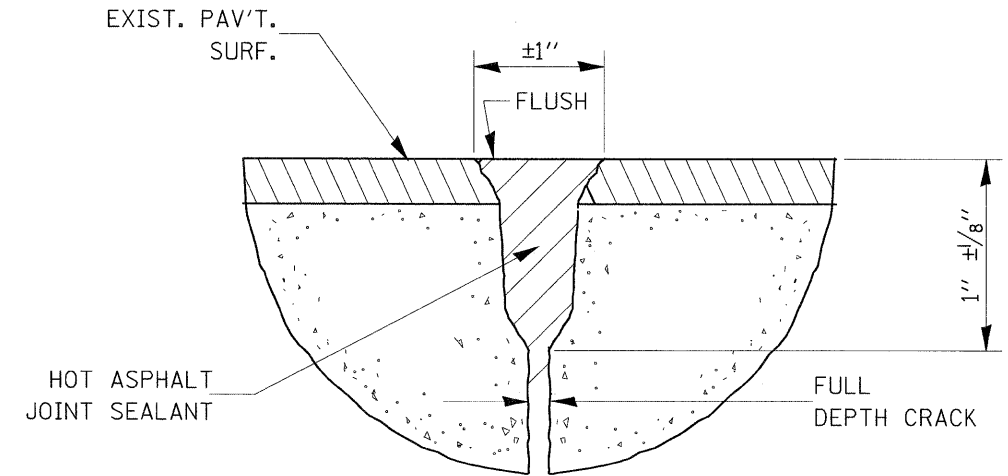
NOTE:  
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,  
THEN A SAW CUT SHALL BE USED TO MANUFACTURE  
A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.  
THE ENGINEER SHALL BE THE SOLE JUDGE  
CONCERNING THE USE OF THIS DETAIL

### HMA DETAIL AT BUTT JOINTS

406-8



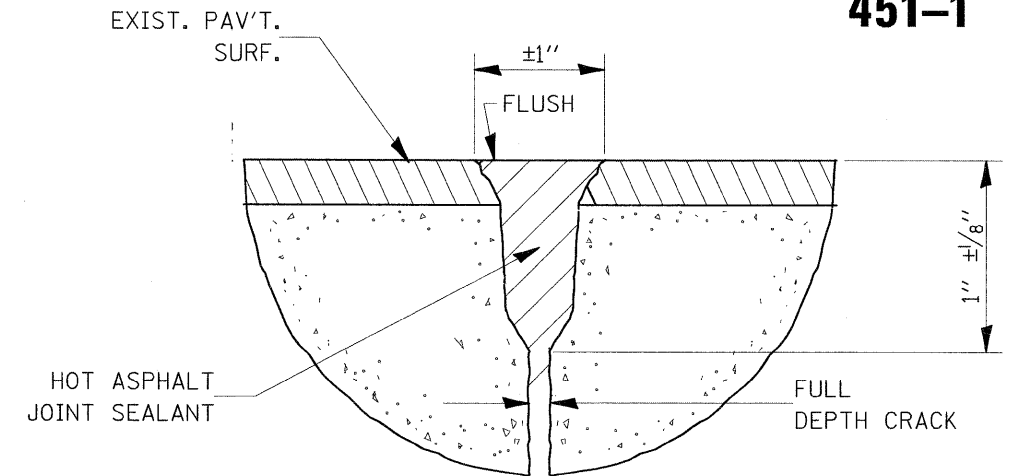
406-9



### SEALING CRACKS (PAVEMENT) DETAIL

NOTE: ALL CRACKS LESS THAN 3/8" WIDTH REQUIRE ROUTING

451-1



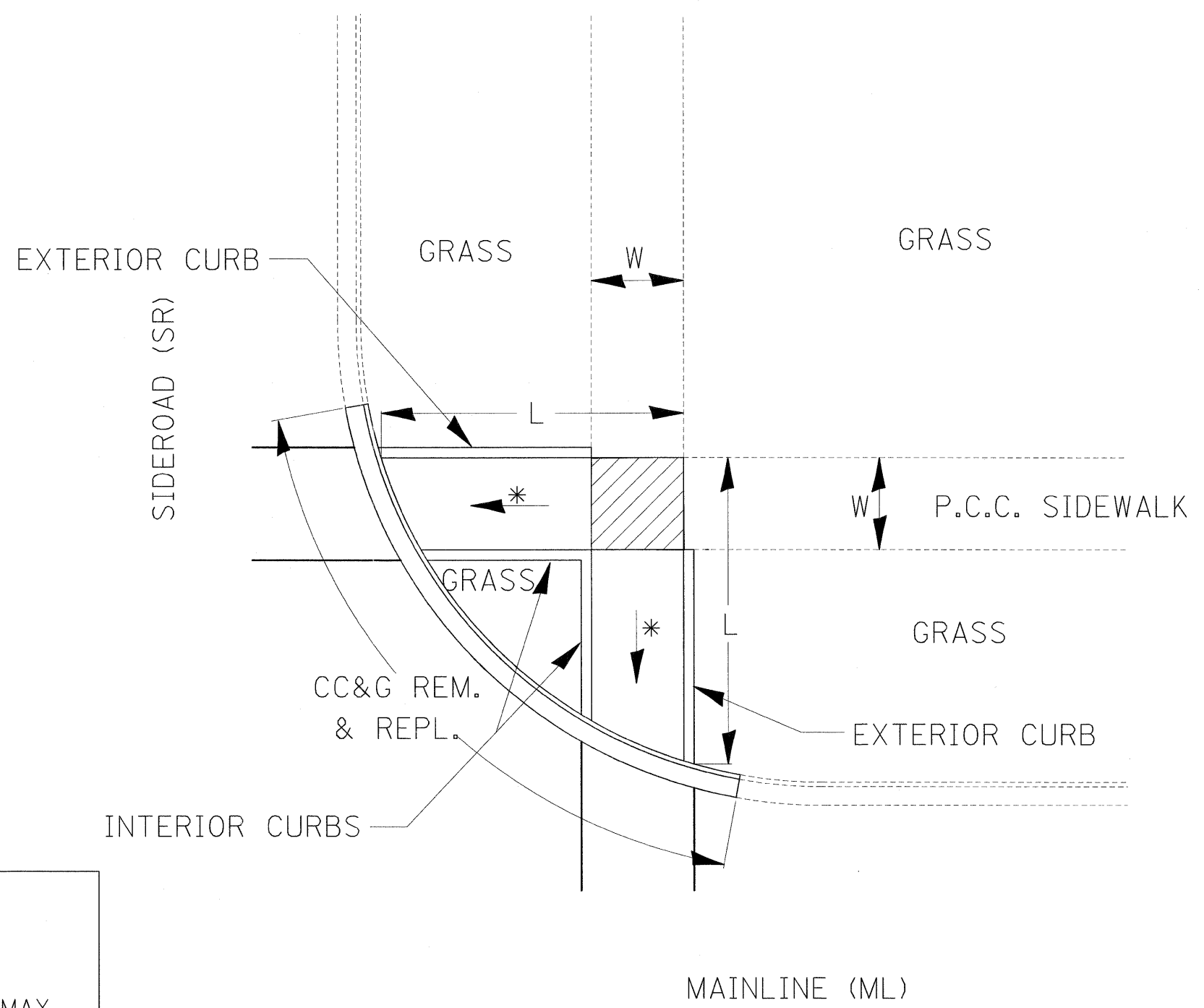
### ROUTING & SEALING JOINTS

(CENTERLINE & TRANSVERSE PATCH BOUNDARIES)

420-3

JAN 2001 406-8, 406-9, 406-10, 406-11, 440-2  
 JAN 2002 406-8, 406-9, 406-10, 406-11, 440-2  
 420-3, 422-1, 451-1

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT 3 STANDARDS NORTH FIRST STREET</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\2011\110113\oad\phase 2\dwg\110113 - Sht - State Standards.dgn		DRAWN -	REVISED -					5352	09-00176-01-RS	DeKALB	15	12
PLOT SCALE = #SCALE#		CHECKED -	REVISED -					CONTRACT NO. 87492				
PLOT DATE = 5/24/2011		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			



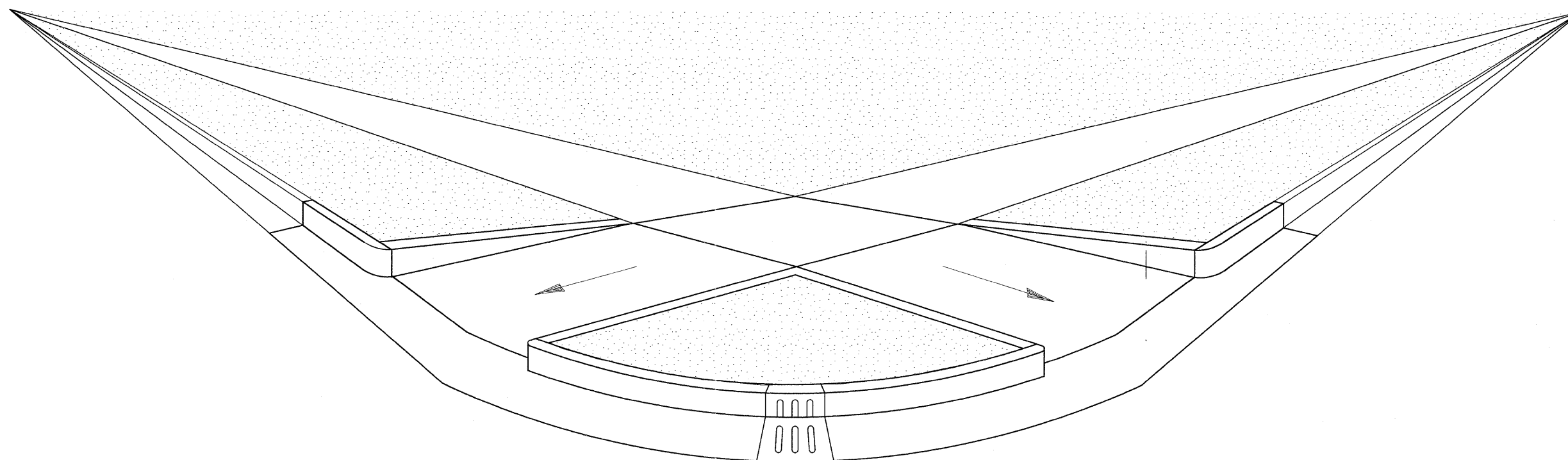
LEGEND	
▨	SLOPE = 2%
*	SLOPE = 1:12 MAX.

**METHOD 1**

**424-5**

**ADA SIDEWALK  
ACCESSIBILITY RAMPS**

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT 3 STANDARDS NORTH FIRST STREET</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\2011\110113\road\phase 2\dwg\110113 - Sht - State Standards.dgn		DRAWN -	REVISED -			5352	09-00176-01-RS	DeKALB	15	13
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PLOT DATE = 5/24/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT <b>87492</b>				



LEGEND

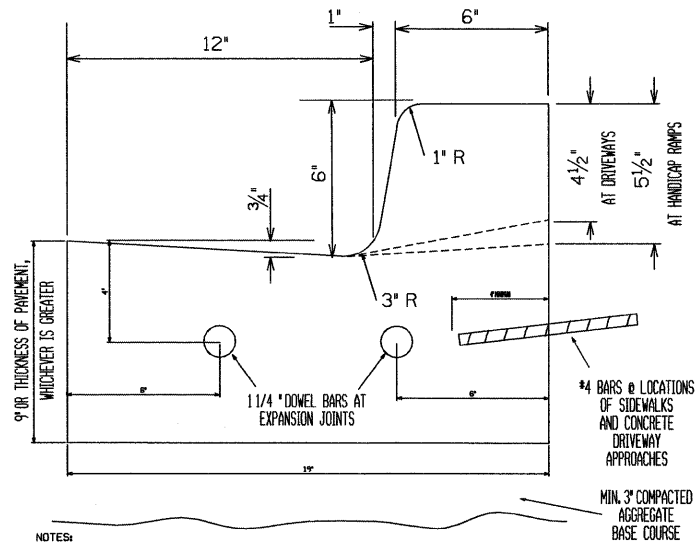
GRASS

**METHOD 1 PERSPECTIVE  
WITH SIDE CURBS**

**424-7  
ADA SIDEWALK  
ACCESSIBILITY RAMPS**

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT 3 STANDARDS NORTH FIRST STREET</b>	F.A. RTE. 5352	SECTION 09-00176-01-RS	COUNTY DeKALB	TOTAL SHEETS 15	SHEET NO. 14
P:\2011\110113\oad\phase 2\dwg\110113 - Sht - State Standards.dgn		DRAWN -	REVISED -							
PLOT SCALE = #SCALE#		CHECKED -	REVISED -							
PLOT DATE = 5/24/2011		DATE -	REVISED -							
						SCALE:	SHEET NO.	OF	SHEETS	STA.
										TO STA.
						ILLINOIS FED. AID PROJECT <b>87492</b>				

SAME AS STATE STD.606001 FOR DOWEL BAR



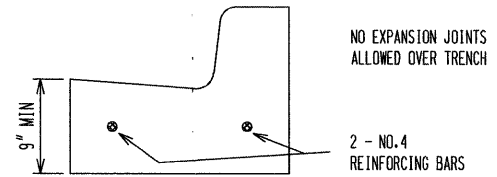
- NOTES:
- 1) BITUMINOUS PREFORMED EXPANSION INORGANIC FIBRE JOINT FILLER, CONFORMING TO AASHTO STANDARD M 213, CUT TO THE SHAPE OF THE COMBINATION CURB AND GUTTER SHALL BE PLACED AT 100' INTERVALS, AT ALL P.C. AND P.T. POINTS AND AT BOTH SIDES OF ANY STRUCTURE IN THE CURB LINE. SAWED CONTRACTION JOINTS, 2" DEEP ARE TO BE PLACED AT 25' INTERVALS BETWEEN EXPANSION JOINTS. ALL EXPANSION AND CONTRACTION JOINTS ARE TO BE FILLED WITH JOINT SEALER CONFORMING TO SECTION 1055.01 OF THE STANDARD SPECIFICATIONS.
  - 2) TWO 1-1/4" EPOXY COATED DOWEL BARS, 18" LONG WITH A PINCHED STOP THAT WILL PROVIDE 1" EXPANSION, SHALL BE PLACED THROUGH EACH EXPANSION JOINT.
  - 3) AT LOCATIONS OF CURB AND GUTTER PATCHING, BOTH FRONT AND BACK FORMS ARE TO BE USED, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
  - 4) TEMPORARY HOT MIX ASPHALT PATCHING SHALL BE PLACED IN FRONT OF AND AGGREGATE BEHIND ALL CURB AND GUTTER AT DRIVEWAYS, SIDEWALKS AND LOCATIONS WITH HIGH PEDESTRIAN TRAFFIC SPECIFIED BY THE ENGINEER.
  - 5) 2 LENGTHS OF CONTINUOUS #4 REBARS SHALL BE PLACED THROUGH ALLEY AND COMMERCIAL DRIVE ENTRANCES OR AS DIRECTED BY THE ENGINEER.

STANDARD DETAIL FOR  
P.C.C. COMBINATION CONCRETE CURB  
AND GUTTER, B-6.12

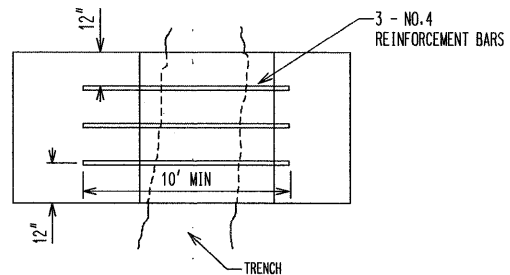
REVISIONS  
RBR 7/11/08

CITY OF DEKALB  
STREET  
STANDARD  
ST-100

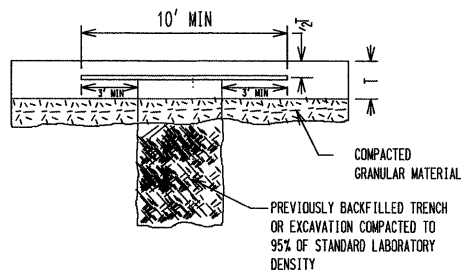
TYPICAL  
PLACEMENT IN  
CURB & GUTTER  
SECTION



TYPICAL  
PLACEMENT IN  
SIDEWALK SECTION



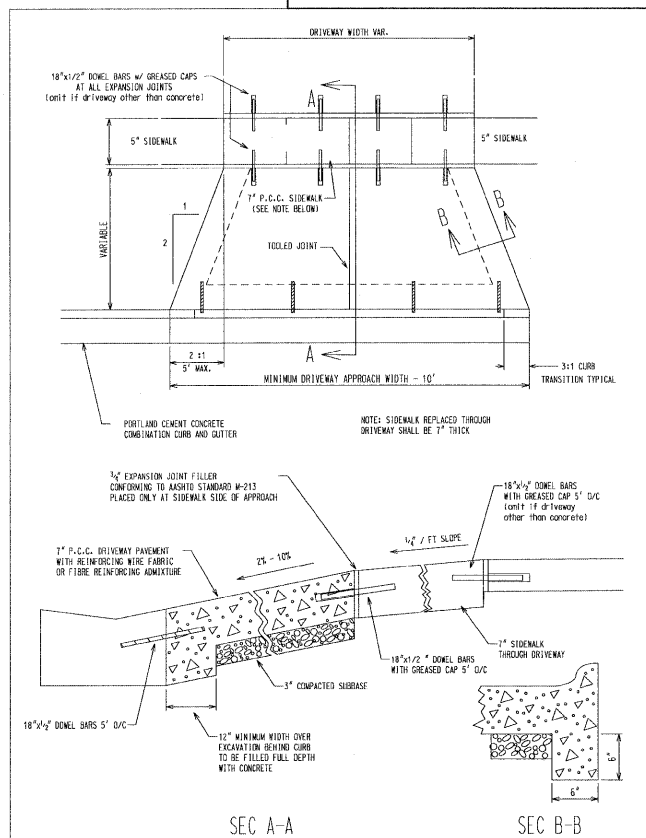
TYPICAL BAR  
LENGTH  
REQUIREMENTS  
OVER TRENCH



STANDARD DETAIL FOR  
REINFORCING CURB & GUTTER OR  
SIDEWALK INSTALLED OVER A TRENCH

REVISIONS  
01/03/01 CEW

CITY OF DEKALB  
STREET STANDARD  
ST-103

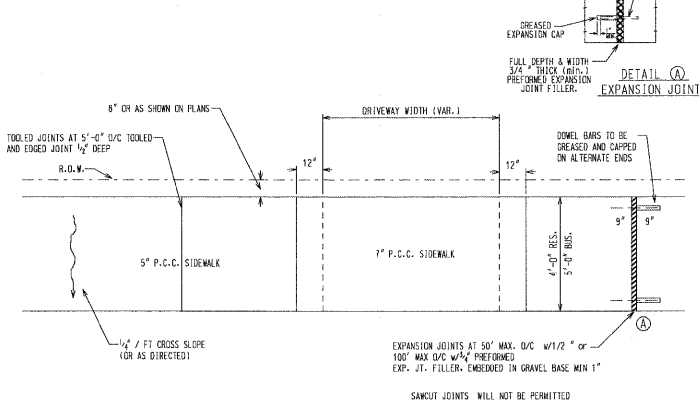


STANDARD DETAIL  
FOR  
P.C.C. DRIVE APPROACHES

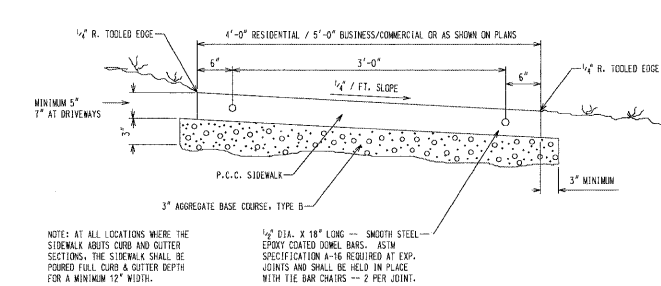
REVISIONS  
02/09/10 RBR

CITY OF DEKALB  
STREET STANDARD  
ST-104

TYPICAL DRIVEWAY PLAN:



TYPICAL SECTION SIDEWALK DETAILS:



NOTES: AT ALL LOCATIONS WHERE THE SIDEWALK ABUTS CURB AND GUTTER SECTIONS, THE SIDEWALK SHALL BE POURED FULL CURB & GUTTER DEPTH FOR A MINIMUM 12" WIDTH.

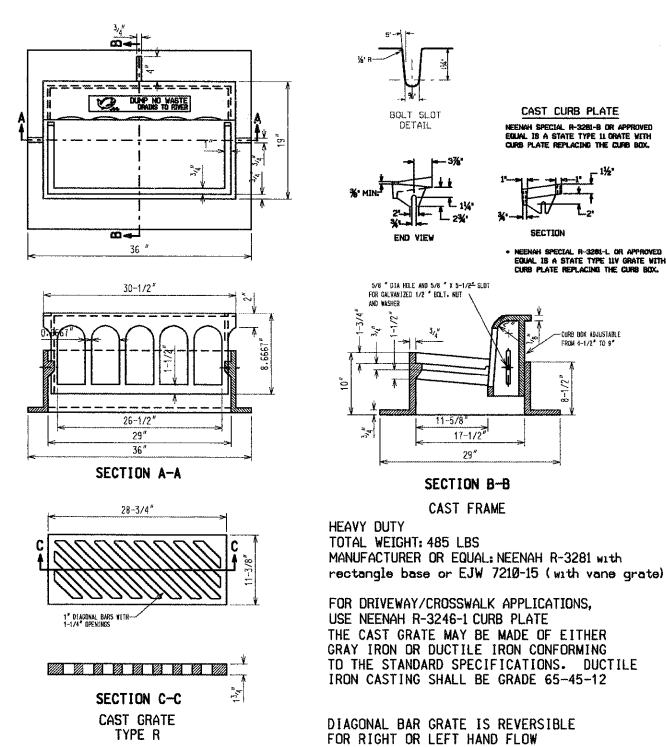
THE CONTRACT UNIT PRICE FOR P.C.C. SIDEWALK 5" AND 7" SHALL INCLUDE THE DOWEL BARS, EXPANSION JOINTS, TOOLED JOINTS AND BASE MATERIAL AS SPECIFIED

STANDARD DETAIL  
FOR  
P.C.C. SIDEWALK, 5" & 7"

REVISIONS  
02/09/10 RBR

CITY OF DEKALB  
STREET STANDARD  
ST-105

STANDARD DESIGN  
FRAME AND GRATE TYPE 11 / #11V



STANDARD DETAIL FOR  
BARRIER CURB  
FRAME AND GRATE  
(STATE TYPE 11)

REVISIONS  
7/18/05 RBR

CITY OF DEKALB  
STORM SEWER STANDARD  
SS-206

FILE NAME = P:\2011\110113\cad\phase 2\dwg\110113 - S	USER NAME = #USER# State Standards.dgn	DESIGNED -	REVISIONS -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEKALB STANDARDS NORTH FIRST STREET	F.A. RTE. 5352	SECTION 09-00176-01-RS	COUNTY DeKALB	TOTAL SHEETS 15	SHEET NO. 15
PLOT SCALE = #SCALE#	PLOT DATE = 5/24/2011	DRAWN -	CHECKED -	DATE -	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 87492			