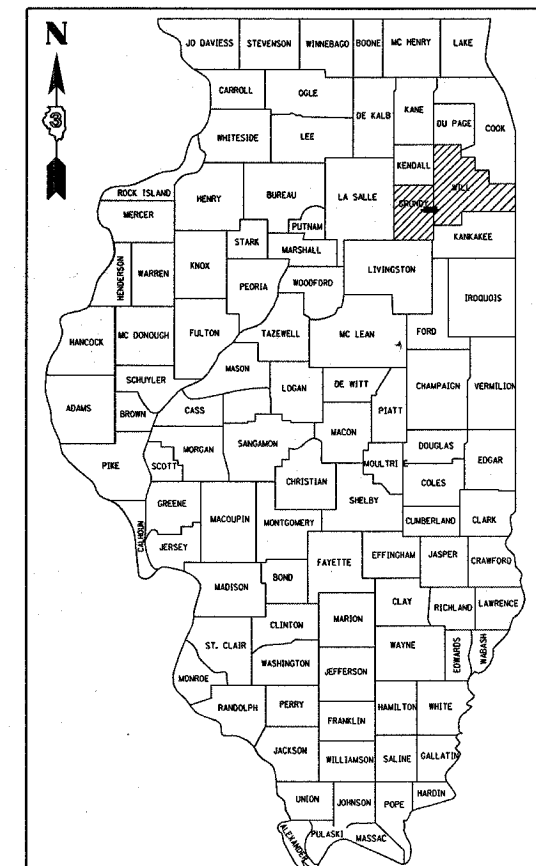


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	**	**	18	1
ILLINOIS PROJECT		**GRUNDY & WILL		

D-93-063-05



LOCATION OF SECTION INDICATED THUS:

RURAL MAJOR COLLECTOR

CARBON HILL RD TO BROADWAY
 2007 ADT = 7600
 P.V. = 80.9% S.U. = 16.4% M.U. = 2.7%

BROADWAY TO EAST WILL COUNTY LINE
 2007 ADT = 11900
 P.V. = 87.8% S.U. = 10.4% M.U. = 1.8%

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS**

SUBMITTED March 23 2007

 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 11 2007

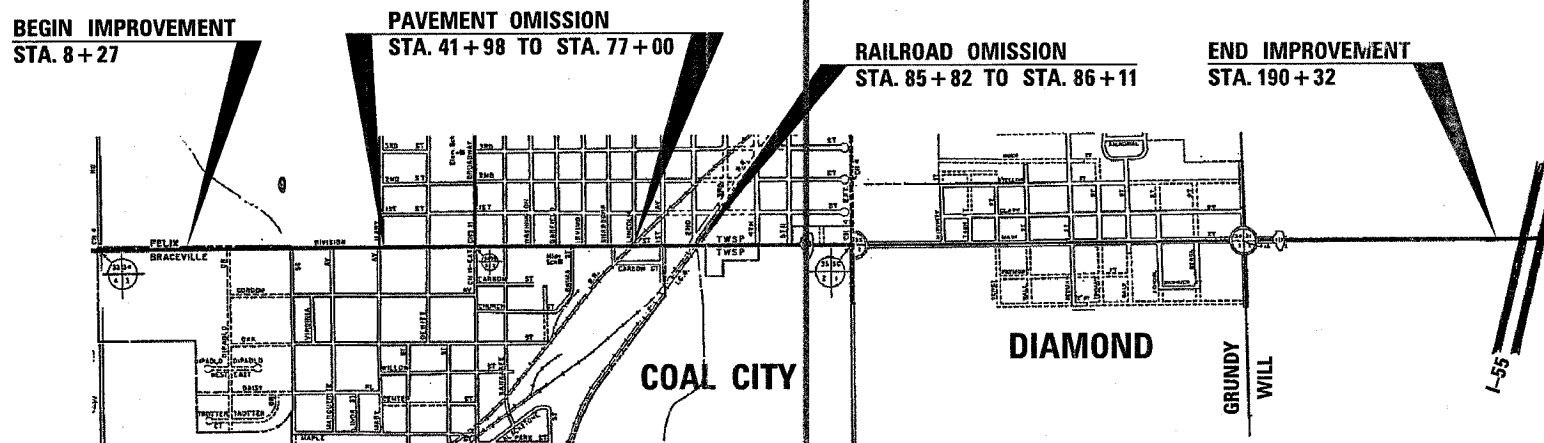
 ENGINEER OF DESIGN AND ENVIRONMENT
May 11 2007

 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY
 FAS ROUTE 301 (IL 113)
 SECTION 113RS-3 & 114RS-2
 PROJECT RS-0301(103)
 GRUNDY & WILL COUNTIES**

C - 93 - 109 - 05

**MILLING & RESURFACING FROM THE WEST CORPORATE LIMITS OF COAL CITY
 TO WEST OF INTERSTATE 55 IN WILL COUNTY**



**LOCATION MAP
 NOT TO SCALE**

GROSS LENGTH = 18205 FT. = 3.45 MI.
 NET LENGTH = 14674 FT. = 2.78 MI.

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 - 6 SCHEDULE OF QUANTITIES
- 7 TIES
- 8 - 15 PLAN SHEETS
- 16 - 18 DETAILS

HIGHWAY STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 667101 PERMANENT SURVEY MARKERS
- 701001-01 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 4.5 m (15') AWAY
- 701006-02 OFF-ROAD OPERATIONS 2L, 2W, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
- 701011-01 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-02 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-03 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 702001-06 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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.

MICROFILMED _____
 REEL NUMBER _____
 AWARDED _____
 RESIDENT ENGINEER _____
 AS BUILT CHANGES WERE MADE ON THE FOLLOWING SHEETS _____

JULIE 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131

PROJECT ENGINEER: DAVE BROVIK
 UNIT CHIEF: BRAD DUNCAN
 TOWNSHIPS: BRACEVILLE, REED

CONTRACT NO. 66602

DATE: TIME: c:\pro\lects\lec06\301\cover.sht.dgn

F. A. S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	*	**	18	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		**113RS-3 & 114RS-2	**GRUNDY & WILL	

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.08	GAL / SQ YD OR
	0.375	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Richard Powell*
DISTRICT STUDIES & PLANS ENGINEER

DATE: March 23, 2007

EXAMINED BY: *Abdul-Rahman*
DISTRICT CONSTRUCTION ENGINEER

Maureen
DISTRICT MATERIALS ENGINEER

James A. Hudson
DISTRICT OPERATIONS ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	*	**	18	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*113RS-3 & 114RS-2		**GRUNDY & WILL		

SUMMARY OF QUANTITIES				80% FEDERAL 20% STATE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE TYPE: 1000-2A	
				GRUNDY STA. 8+27 TO STA. 160+34	WILL STA. 160+34 TO STA. 191+22
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	21		21
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3979	3130	849
40600300	AGGREGATE (PRIME COAT)	TON	99	78.4	20.6
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	14	10.8	3.2
40600525	LEVELING BINDER (HAND METHOD), N50	TON	23	17.8	5.2
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	429		429
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	309		309
4060985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	32		32
40600990	TEMPORARY RAMP	SQ YD	587	555.9	31.1
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70	TON	3798	2933	865
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	388	352	36
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	39251	39115	136
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	216		216
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	130		130
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	4	4	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	1	1
67100100	MOBILIZATION	L SUM	1	0.7	0.3
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4028	3312	716
70300610	TEMPORARY PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	78	
70300625	TEMPORARY PAINT PAVEMENT MARKING - LINE 4"	FOOT	4663	4663	
70300635	TEMPORARY PAINT PAVEMENT MARKING - LINE 6"	FOOT	2700	2700	
70300640	TEMPORARY PAINT PAVEMENT MARKING - LINE 8"	FOOT	373	373	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	671	552	119
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	257.9	257.9	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11409	4663	6746
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3420	2690	730
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	373	373	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	291	279	12
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	81	81	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	244	197	47
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	237	190	47
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

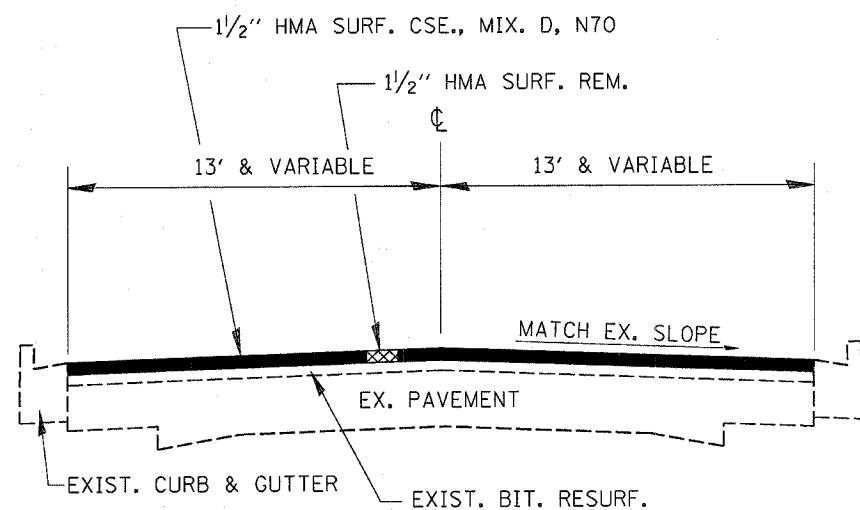
SUMMARY OF QUANTITIES

SCALE: VERT. _____
HORIZ. _____

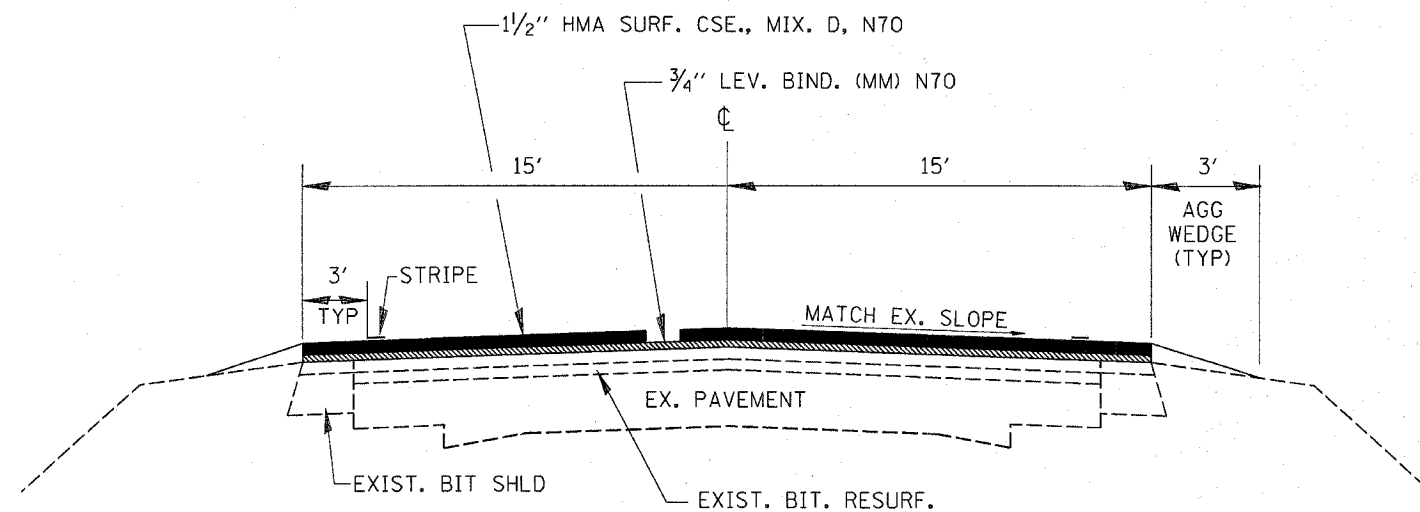
DATE _____ DRAWN BY _____
CHECKED BY _____

* DATE - TIME *
c:\projects\ed06305\summary.dgn

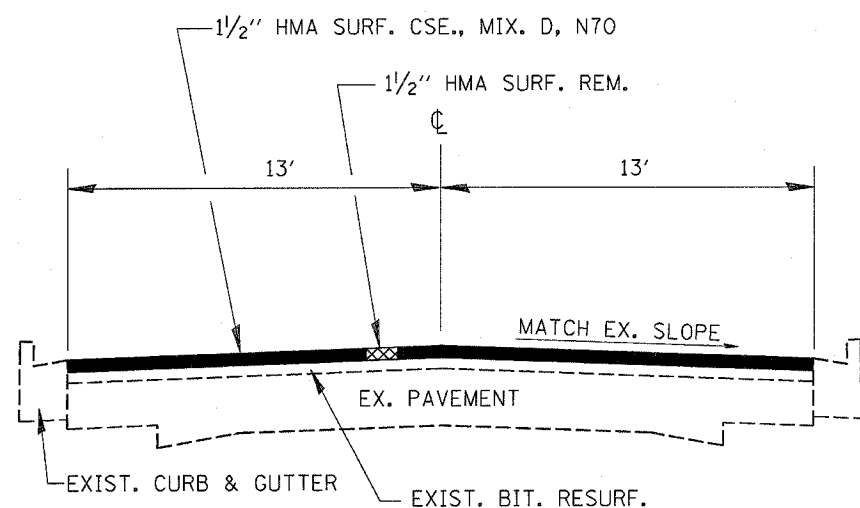
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	113RS-3 & 114RS-2	**	18	4
STA. TO STA.		FED. AID PROJECT		
FED. ROAD DIST. NO.		ILLINOIS		
** GRUNDY & WILL				



TYPICAL SECTION
STA. 8+27 TO STA. 17+86



TYPICAL SECTION
STA. 160+34 TO STA. 190+32



TYPICAL SECTION
STA. 17+86 TO STA. 160+34

OMISSIONS

STA. 41+98 TO STA. 77+00 - PCC PAVEMENT
STA. 85+82 TO STA. 86+11 - RAILROAD

MIXTURE TABLE

	HMA SURFACE	HMA INCIDENTAL SURFACE	HMA LEVEL BINDER
PG GRADE	PG 64-22	PG 64-22	PG 64-22
MAX % RAP ALLOWABLE**	*10	*15	*15
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N50	4.0% @ N70
MIXTURE COMPOSITION	IL 12.5 OR IL 9.5	IL 12.5 OR IL 9.5	IL 9.5
FRICTION AGGREGATE	MIXTURE D	MIXTURE C	
DENSITY CONTROL	CORES/NUCLEAR	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER

* SEE RAP SPECIAL PROVISIONS

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

* DATE - TIME *
c:\pro\joc7s\ed06305\det a l l s.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301		**	18	5
STA.		TO STA.		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	
*113RS-3 & 114RS-2		**GRUNDY & WILL		

MAINLINE

LOCATION	BIT MAT'L PR CT (GAL)	AGG PRIME COAT (TON)	MIX CR, JT & FLGWY (TON)	LEV BIND (HM) N50 (TON)	LEV BIND (MM) N70 (TON)	HMA SURF CSE "D", N70 (TON)	HMA SURF REM 1 1/2" (SQ YD)	HMA SURF VAR DEPTH (SQ YD)	HMA SURF BUTT JT (SQ YD)	AGG WEDGE SHLDRS TYPE B TON	TEMP RAMP (SQ YD)
GRUNDY COUNTY											
8+27 TO 17+56	310	7.75	1.16	1.9		325	3874				14.44
17+56 TO 41+98	564	14.11	2.12	3.5		593	7055				14.44
41+98 TO 77+00	PCC PAVEMENT OMISSION										
77+00 TO 85+82	204	5.10	0.76	1.3		214	2548				28.88
85+82 TO 86+11	RAILROAD OMISSION										
86+11 TO 160+34	1716	42.89	6.43	10.7		1801	21444				14.4
WILL COUNTY											
160+34 TO 190+32	798	19.96	3.09	5.0	414	838	136	216		126	
190+32 TO 191+22	26	0.64	0.1	0.2	15	27			213	4	17.78
TOTALS	3618	90	14	23	429	3798	35057	216	213	130	90

PAVEMENT MARKING

LOCATION	THERMOPLASTIC							TEMPORARY PAINT				RAISED REFL PAVT MARKER EACH	SHORT TERM PVT MK FOOT
	LTRS & SYM	4"		6"		8"		LTRS & SYM	4"	6"	8"		
	WHITE SQ FT	YELLOW FOOT	WHITE FOOT	YELLOW FOOT	WHITE FOOT	YELLOW FOOT	WHITE FOOT	WHITE SQ FT	YELLOW FOOT	YELLOW FOOT	WHITE FOOT		
GRUNDY CO.													
8+27 TO 12+37.5													
TURN LANE	81.3					237		46.8			237	5	326
CENTERLINE		266							266			6	54
MEDIAN		1110							1110			22	222
12+72 TO 17+60													
TURN LANE	54.2	200			136			31.2	200		136	9	252
MEDIAN		1552				158			1552			20	310
17+60 TO 22+83													
CENTERLINE				130						130		7	104
NO PASSING ZONE		523							523				
22+83 TO 41+98													
CENTERLINE				480						480		24	384
77+00 TO 41+98													
CENTERLINE				220						220		11	176
NO PASSING ZONE		675							675				
RAILROAD	122.4						81						
86+11 TO 160+34													
CENTERLINE				1860						1870		93	1484
NO PASSING ZONE		337							337				
RAILROAD	61.2						39						
WILL CO.													
160+34 TO 189+3/4													
CENTERLINE			5750	730								37	584
189+3/4													
MEDIAN		664				12						10	132
EOP			332										
TOTALS	319.1	5327	6082	3420	373	291	120	78	4663	2700	373	244	4028

PLOT DATE = 3/22/2007
 FILE NAME = c:\projects\aed96305\detail.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = duncmbd

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. DATE
 HORIZ. DATE

DRAWN BY
 CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301		**	18	6
STA.		TO STA.		
FED. ROAD DIST. NO. G		ILLINOIS	FED. AID PROJECT	
*113RS-3 & 114RS-2		**GRUNDY & WILL		

ENTRANCES AND SIDEROADS

LOCATION		DESCRIPTION	WIDTH FEET	EXIST PAVT TYPE	INC BIT SURF	HMA SURF REM	BIT MATL (PR CT)	AGG (PR CT)	AGG SURF CSE TY B	HMA SURF REM BUTT JT	PCC SURF REM BUTT JT	TEMP RAMP
STA.	SIDE				TON	1-1/2 " SQ YD	GALLON	TON	TON	TON	SQ YD	SQ YD
GRUNDY CO												
12 + 49 CL	RT.	COMMERCIAL	30	BIT	9	107	9	0.21				16.67
17 + 40.75 CL	RT.	COMMERCIAL	32	BIT	12	148	12	0.30				17.78
19 + 50.97 CL	RT.	DIPAULO DR.	30	BIT	12	143	11	0.29				16.67
31 + 21 CL	RT.	VIRGINIA ST.	20	BIT	6	69	6	0.14				11.11
34 + 56 CL	RT.	MARGUERITE AVE.	26	BIT	11	130	10	0.26				14.44
41 + 36 CL	RT.	MARY ST.	26	BIT	11	130	10	0.26				14.44
41 + 55 CL	LT.	MARY ST.	26	BIT	11	130	10	0.26				14.44
47 + 94 CL	RT.	DEWITT ST.		CONC								
48 + 16 CL	LT.	DEWITT ST.		CONC								
54 + 75.51 CL	RT.	BROADWAY ST.		CONC								
54 + 75.51 CL	LT.	BROADWAY ST.		CONC								
58 + 75 CL	LT.	KANKAKEE ST.		CONC								
58 + 75 CL	RT.	KANKAKEE ST.		CONC								
62 + 39.5 CL	LT.	WASHINGTON ST.		CONC								
66 + 05 CL	LT.	GARFIELD ST.		CONC								
67 + 99.25 CL	RT.	BAIMA ST.		CONC								
69 + 71.5 CL	LT.	IRVING ST.		CONC								
73 + 37.5 CL	LT.	SHABBONA ST.		CONC								
73 + 99 CL	RT.	SHABBONA ST.		CONC								
76 + 98 CL	LT.	LINCOLN ST.		CONC								
81 + 00.5 CL	RT.	FIRST AVE.	26	BIT	11	130	10	0.26				14.44
81 + 25.5 CL	LT.	FIRST AVE.	26	BIT	11	130	10	0.26				14.44
84 + 76.5 CL	LT.	SECOND AVE.	25	BIT	11	125	10	0.25				13.89
94 + 35 CL	LT.	FOURTH AVE.	26	BIT	11	130	10	0.26				14.44
98 + 88.5 CL	LT.	FIFTH AVE.	26	BIT	11	130	10	0.26				14.44
103 + 41 CL	LT.	COMMERCIAL	26	BIT	11	130	10	0.26				14.44
107 + 57.5 CL	RT.	BERTA RD.	26	BIT	11	130	10	0.26				14.44
118 + 70 CL	RT.	SIDEROAD	30	BIT	11	133	11	0.27				16.67
118 + 98.5 CL	LT.	MCGINTY ST.	26	BIT	11	130	10	0.26				14.44
122 + 57.75 CL	LT.	TASH ST.	26	BIT	11	130	10	0.26				14.44
126 + 30 CL	LT.	DEWEY ST.	26	BIT	11	130	10	0.26				14.44
130 + 28.5 CL	LT.	WALL ST.	26	BIT	11	130	10	0.26				14.44
130 + 28.5 CL	RT.	WALL ST.	26	BIT	11	130	10	0.26				14.44
136 + 41.5 CL	RT.	REDMOND ST.	26	BIT	11	130	10	0.26				14.44
136 + 44 CL	LT.	REDMOND ST.	26	BIT	11	130	10	0.26				14.44
140 + 30.5 CL	LT.	TINMAN ST.	26	BIT	11	130	10	0.26				14.44
144 + 34.5 CL	LT.	DALY ST.	26	BIT	11	130	10	0.26				14.44
144 + 34.5 CL	RT.	SIDEROAD	30	BIT	12	143	11	0.29				16.67
148 + 29.59 CL	LT.	SCHOOL ST.	26	BIT	11	130	10	0.26				14.44
148 + 32 CL	RT.	SCHOOL ST.	26	BIT	11	130	10	0.26				14.44
153 + 47.5 CL	LT.	CALKEY ST.	26	BIT	11	130	10	0.26				14.44
153 + 47.5 CL	RT.	CALKEY ST.	26	BIT	11	130	10	0.26				14.44
156 + 35.5 CL	LT.	CURTIS ST.	49	BIT	17	206	16	0.41				27.22
160 + 32.5 CL	LT.	COUNTY LINE RD.	26	BIT	11	130	10	0.26				14.44
160 + 37.5 CL	RT.	COUNTY LINE RD.	26	BIT	11	130	10	0.26				14.44
WILL CO												
161+20 CL	RT.	FE	24	AGG				6.2				
174**	LT.	CE	35	CONC	5		3			16		
176**	LT.	CE	35	BIT	5		6					
178**	RT.	OVERTON ST	24	BIT	9		6	0.16		53		13.33
182**	LT.	CE	35	CONC	5		3			16		
184**	RT.	FE	35	AGG/BIT	2		1	7.2				
186**	RT.	FE	35	AGG/BIT	2		1	7.2				
186**	LT.	CE	25	BIT	3		2			11		
189**	LT.	CE	35	BIT	5		3			16		
TOTALS					388	4194	361	9	21	96	32	497

PLOT DATE = 3/22/2007
 FILE NAME = s:\projects\1148305\plan114.dgn
 PLOT SCALE = 1"=50'
 USER NAME = duncenbd

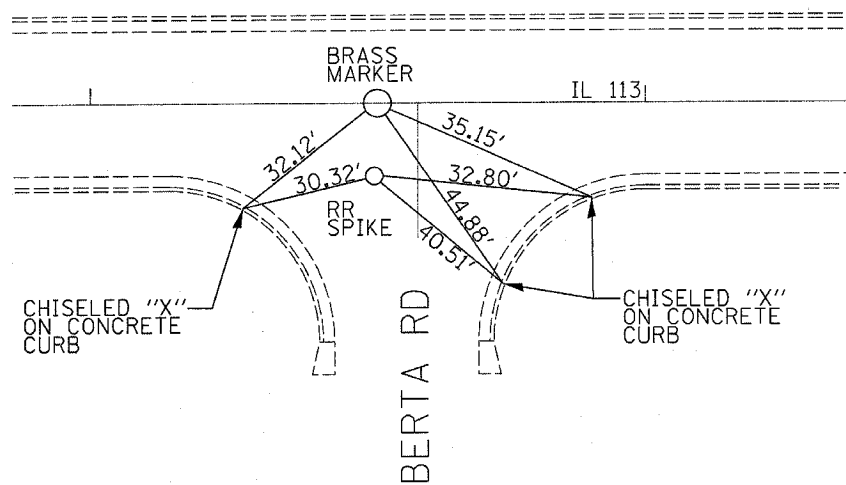
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

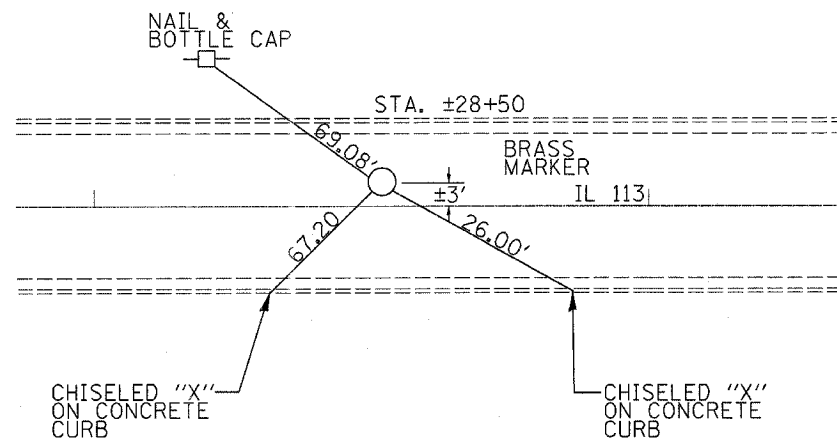
SCHEDULE OF QUANTITIES

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

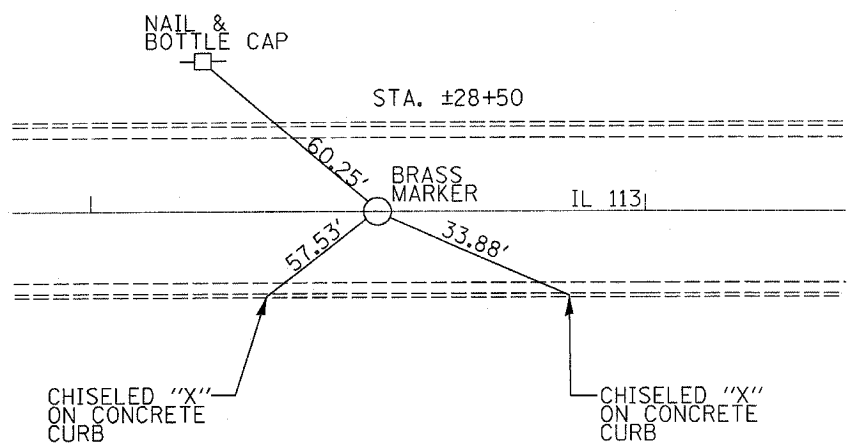
F.A.S. RATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301		**	18	7
STA.		TO STA.		
FED. ROAD DIST. NO. G		ILLINOIS	FED. AID PROJECT	
* 113RS-3 & 114RS-2 **GRUNDY & WILL				



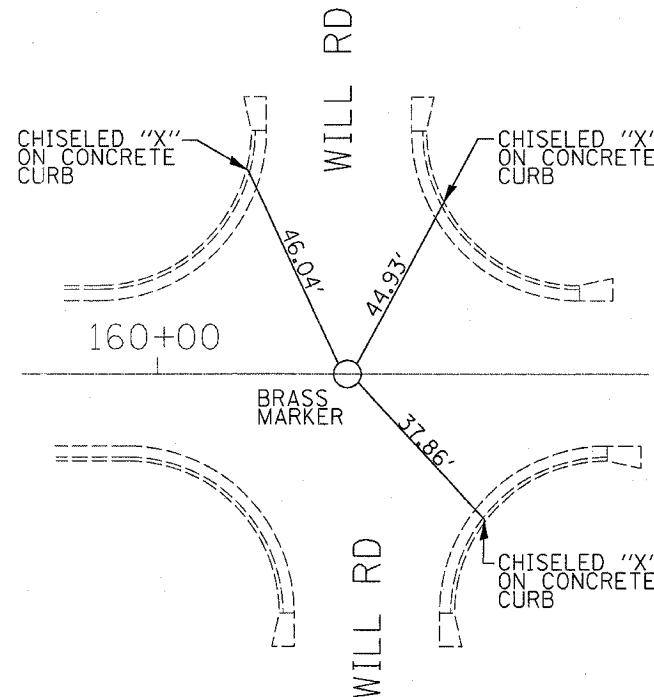
S.W. CORNER SECTION 36
T.33N., R.8E, 3RD PM



S. 1/4. CORNER SECTION 34
T.33N., R.8E, 3RD PM



N. 1/4. CORNER SECTION 3
T.32N., R.8E, 3RD PM



N.E. CORNER SECTION 1
T.32N., R.8E, 3RD PM

NOTE:
CONTACT THE DISTRICT 3 BUREAU OF LAND ACQUISITION SURVEY SECTION PRIOR TO INSTALLATION TO CONFIRM THE NUMBER OF PERMANENT SURVEY MARKERS TO BE REQUIRED.

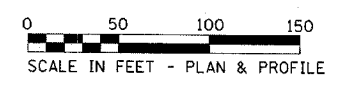
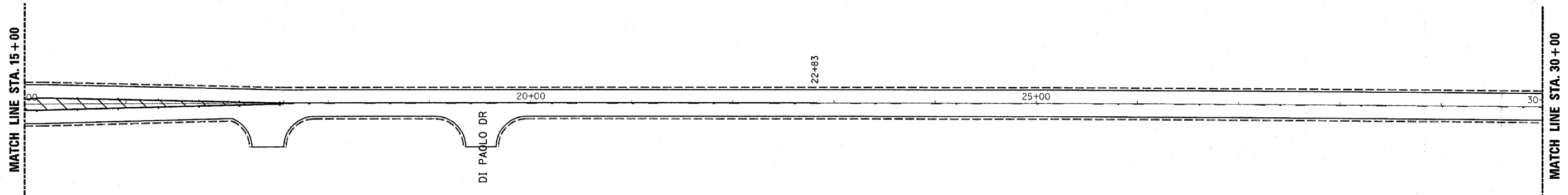
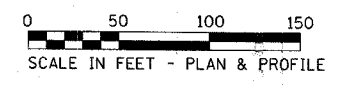
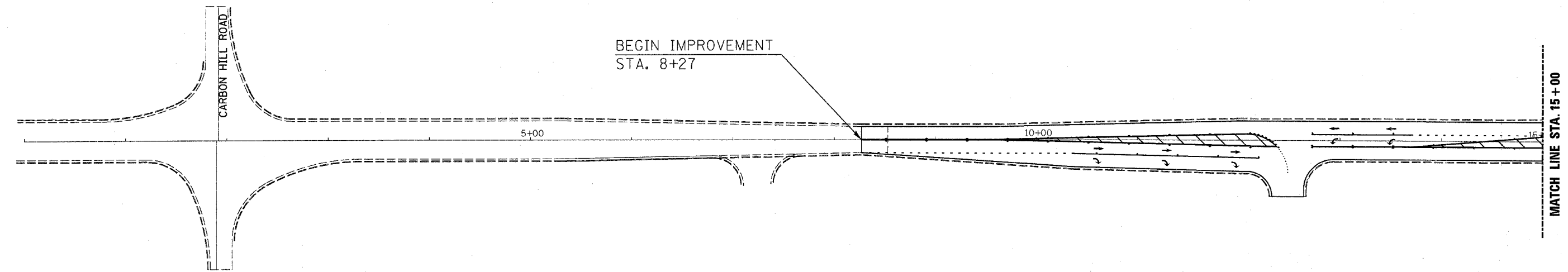
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TIE POINTS

SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = 3/22/2007
FILE NAME = c:\projects\66602\66602.dwg
PLOT SCALE = AS SHOWN
USER NAME = duncandb

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	*	**	18	8
STA. 0+00		TO STA. 30+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 113RS-3 & 114RS-2 ** GRUNDY & WILL				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

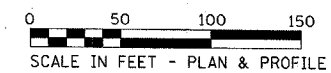
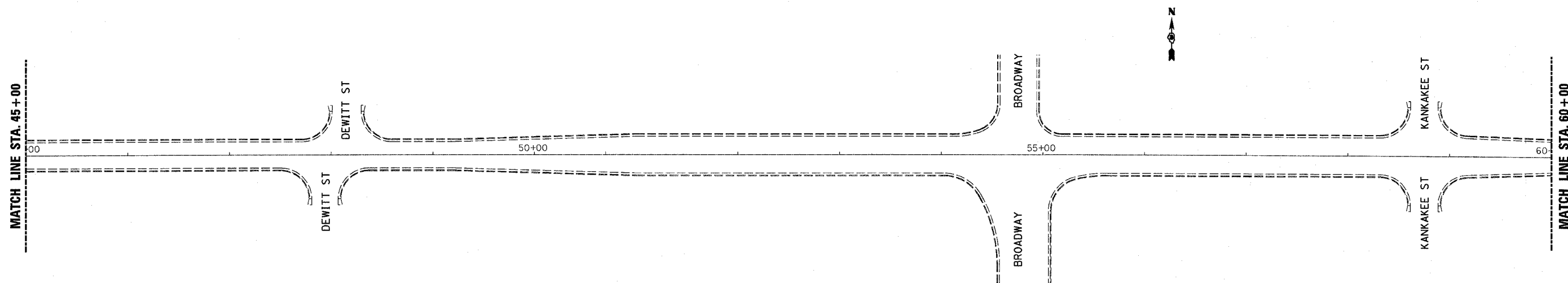
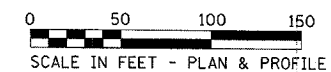
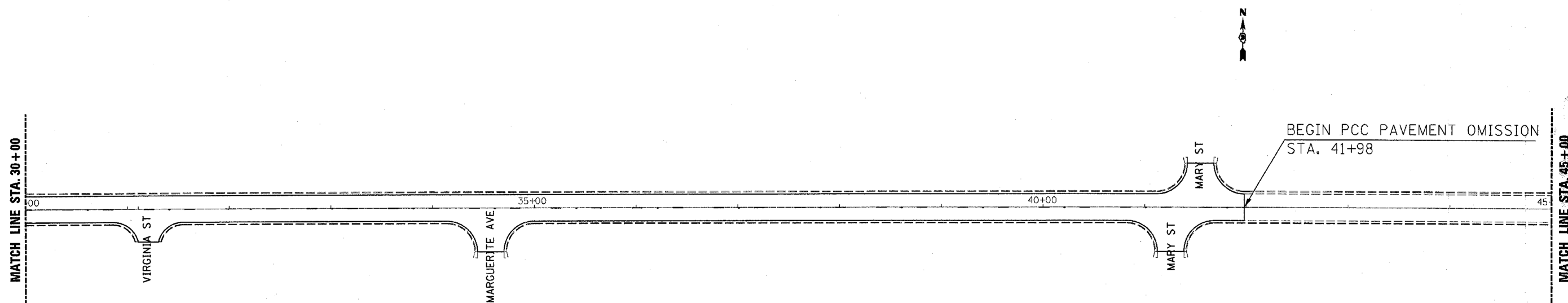
PLAN SHEETS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE : 3/22/2007
 FILE NAME : c:\projects\ed6595\sheet8.dgn
 USER : SCALPEL
 USER NAME : dmscndc

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301		**	18	9
STA. 30+00		TO STA. 60+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		• 113RS-3 & 114RS-2	•• GRUNDY & WILL	



REVISIONS	
NAME	DATE

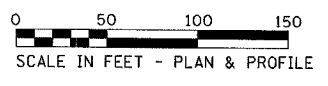
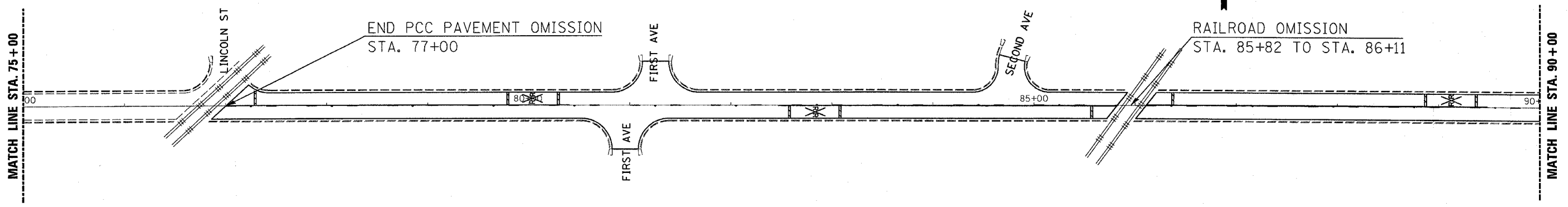
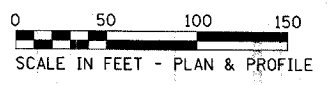
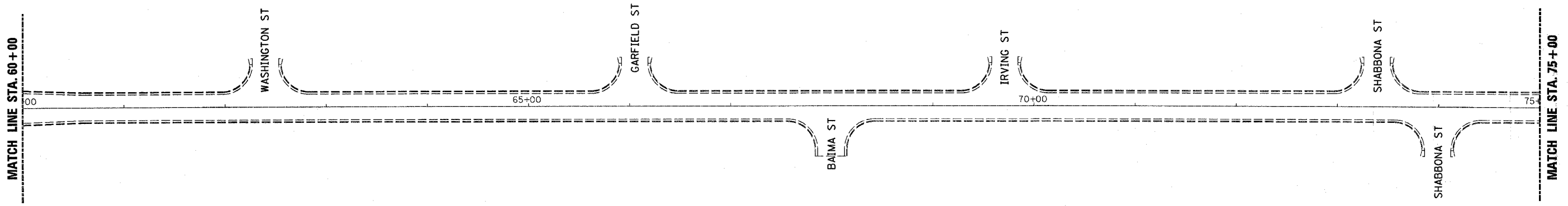
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEETS

SCALE: VERT.
 DATE

DRAWN BY
 CHECKED BY

PLOT DATE = 3/22/2007
 FILE NAME = c:\projects\114rs3\114rs3.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = dunoanb

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	•	••	18	10
STA. 60+00		TO STA. 90+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 113RS-3 & 114RS-2 •• GRUNDY & WILL				



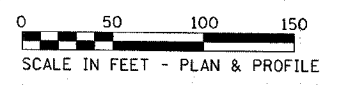
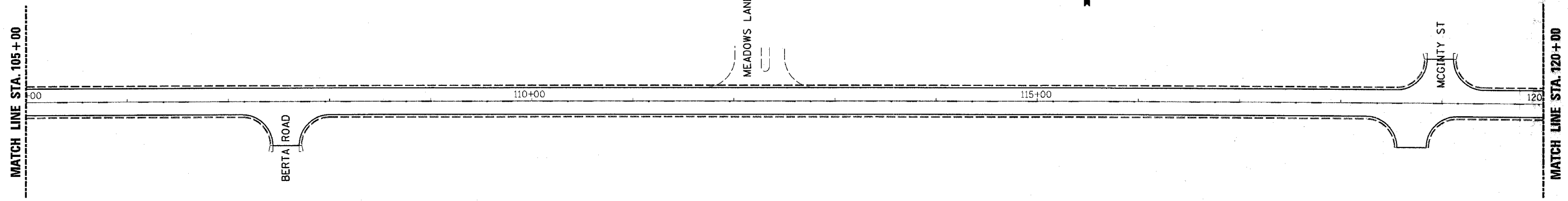
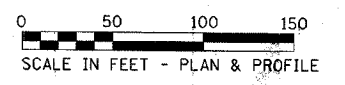
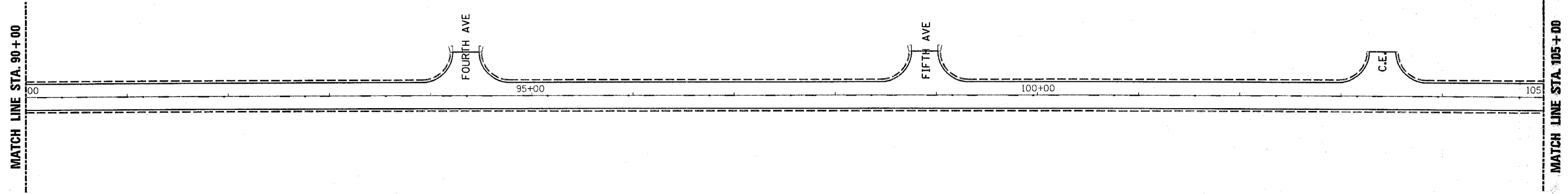
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEETS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 3/22/2007
 FILE NAME = c:\projects\66602\sheet10.dgn
 PLOT SCALE = 1"=50'
 USER NAME = gurnea06

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	*	**	18	11
STA. 90+00		TO STA. 120+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 113RS-3 & 114RS-2		** GRUNDY & WILL		



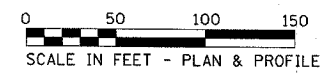
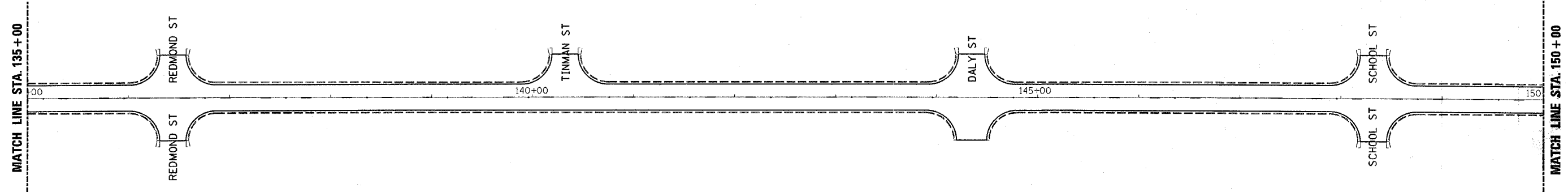
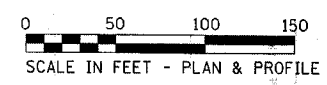
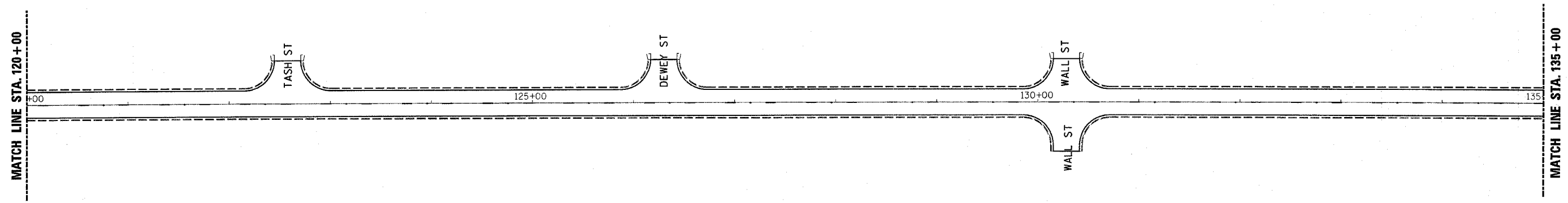
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEETS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE : 3/22/2007
 FILE NAME : c:\projects\66602\plans\sheet.dgn
 SCALE : 1"=50'
 USER NAME : gmcraigo

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	*	**	18	12
STA. 120+00		TO STA. 150+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 113RS-3 & 114RS-2		** GRUNDY & WILL		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

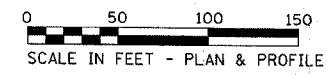
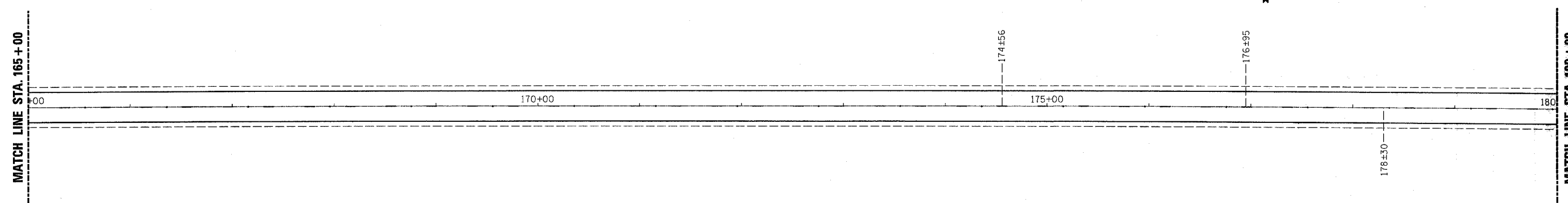
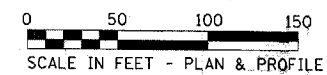
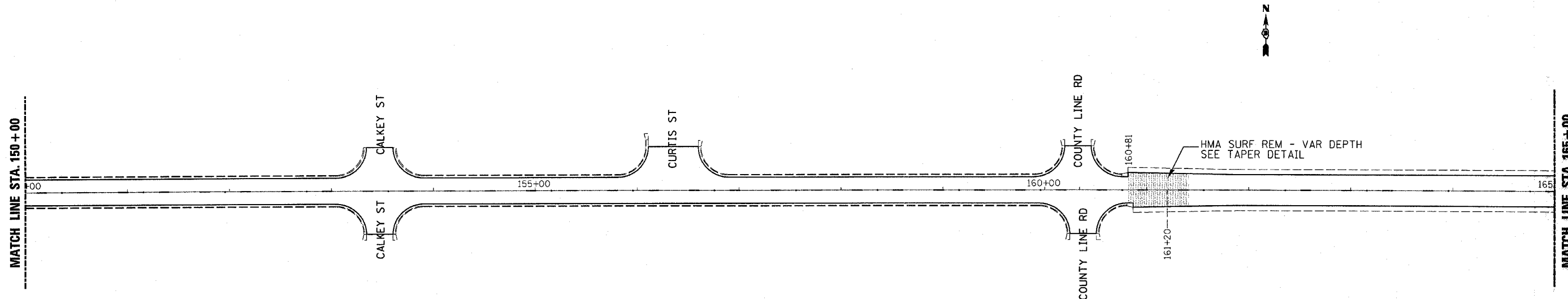
PLAN SHEETS

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 3/22/2007
FILE NAME = c:\projects\66602\sheet.dgn
PLOT SCALE = 1/8"=1'-0"
USER NAME = jburton

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	*	**	18	13
STA. 150+00		TO STA. 180+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 113RS-3 & 114RS-2		** GRUNDY & WILL		



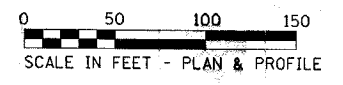
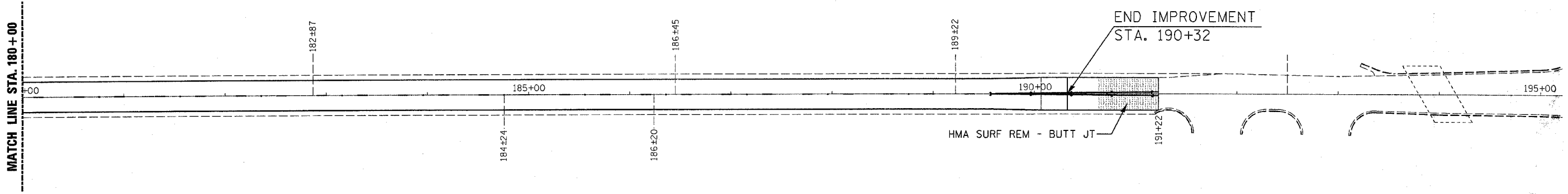
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEETS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 3/22/2007
 FILE NAME = c:\projects\66602\plans\sheet13.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = duncand

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	*	**	18	14
STA. 180+00		TO STA. 195+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 113RS-3 & 114RS-2 ** GRUNDY & WILL				



PLT DATE = 3/22/2007
 FILE NAME = c:\projects\66602\66602.dgn
 USER NAME = gordon

REVISIONS	
NAME	DATE

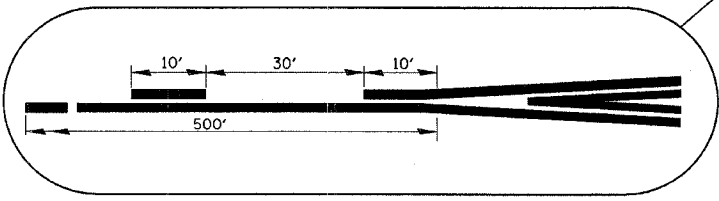
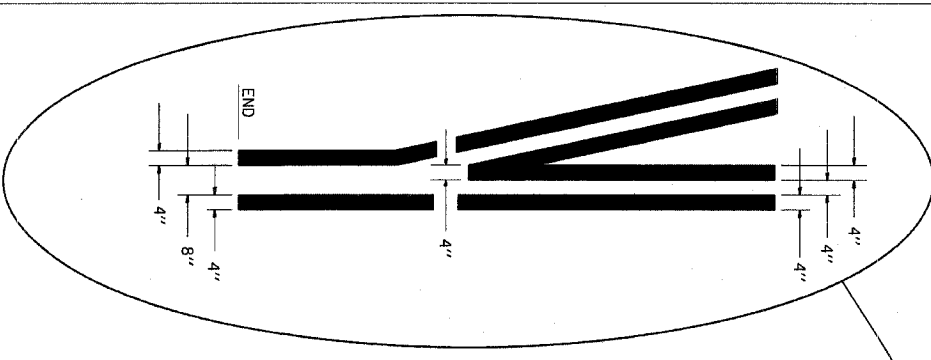
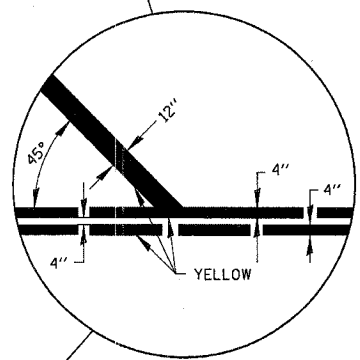
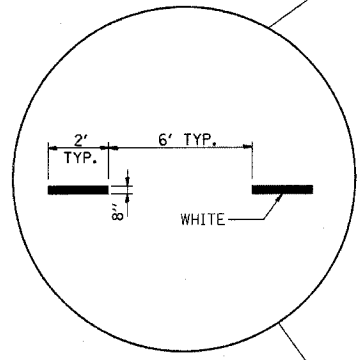
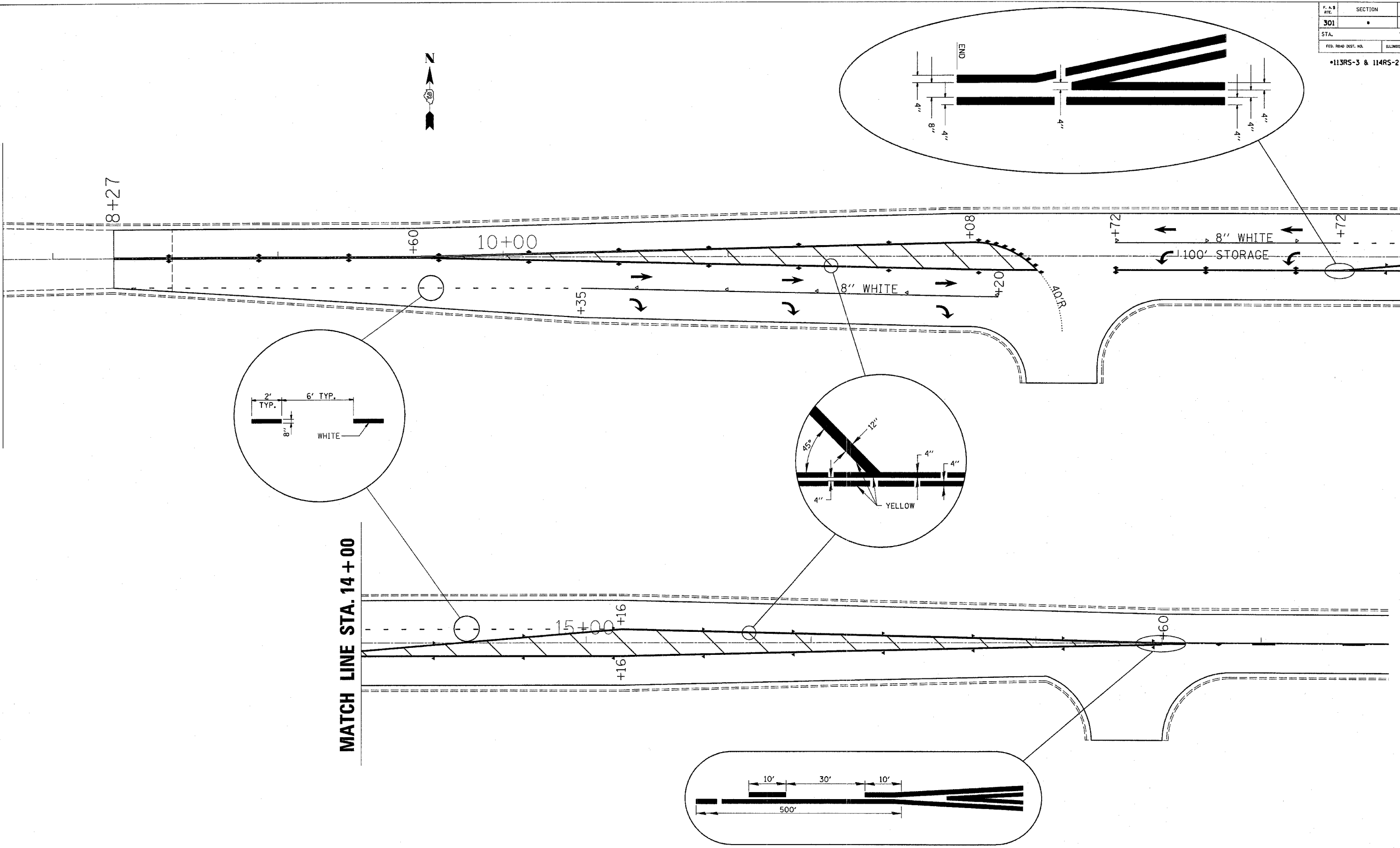
ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: VERT.
 HORIZ.
 DATE

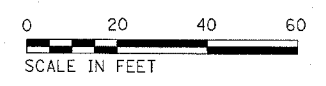
DRAWN BY
 CHECKED BY

F. A. S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301		**	18	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
•113RS-3 & 114RS-2		•• GRUNDY & WILL		



MATCH LINE STA. 14 + 00

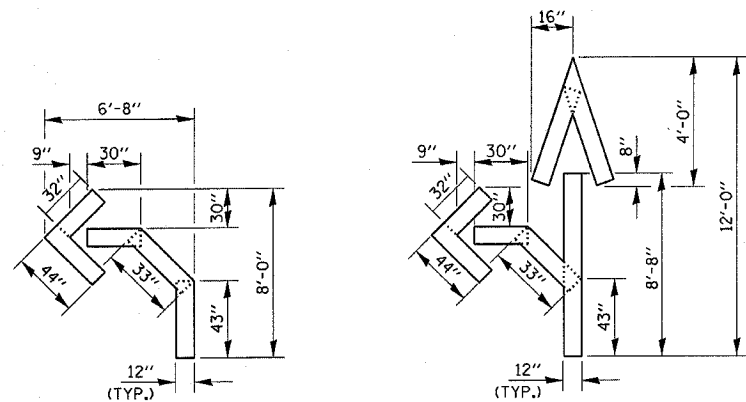
MATCH LINE STA. 14 + 00



PLAN SHEET (PAVEMENT MARKING)

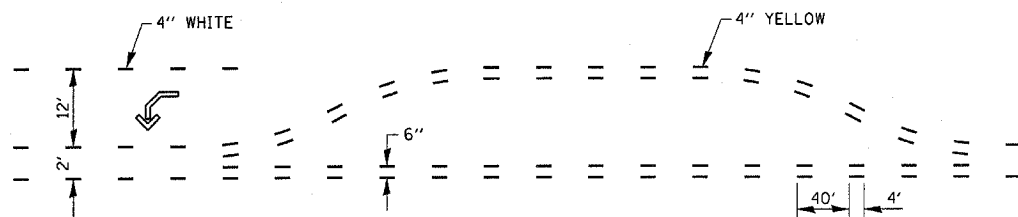
DATE-TIME
c:\p\0\oc\1\0006305\shwms.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	•	**	18	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*113RS-3 & 114RS-2 **GRUNDY & WILL				

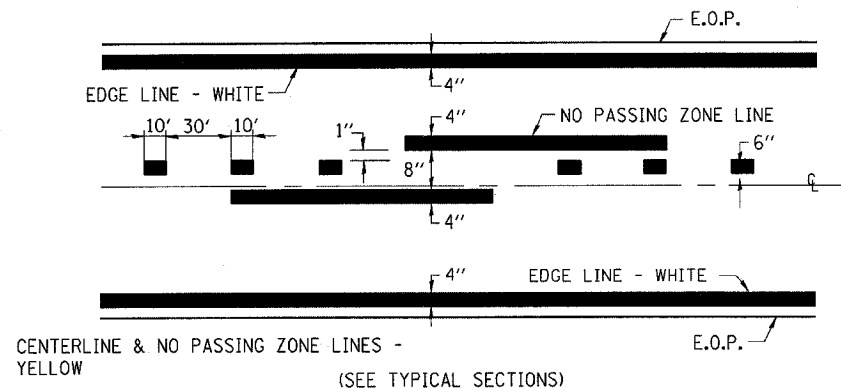


QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

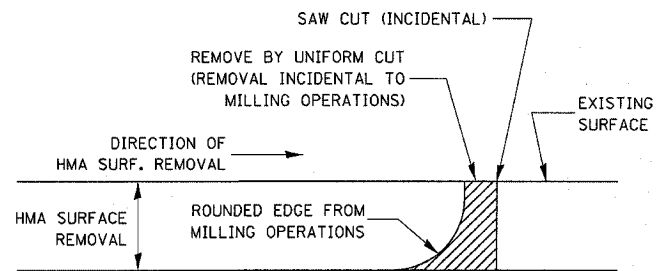
QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

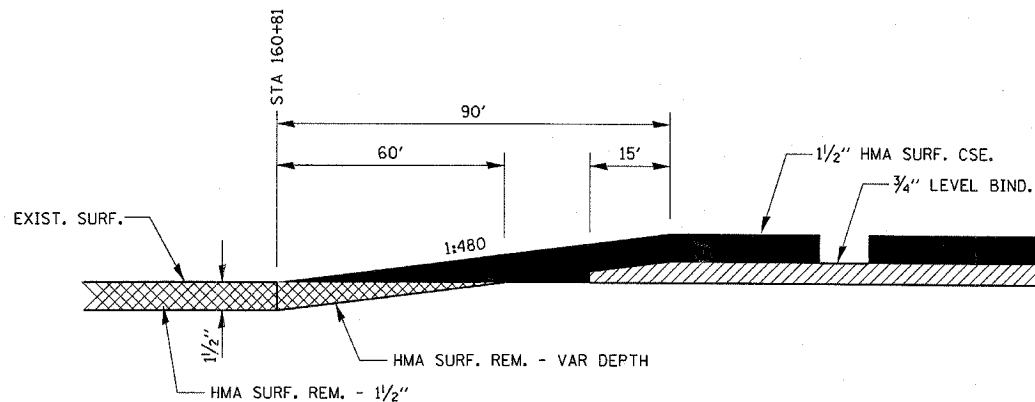


PAVEMENT MARKING

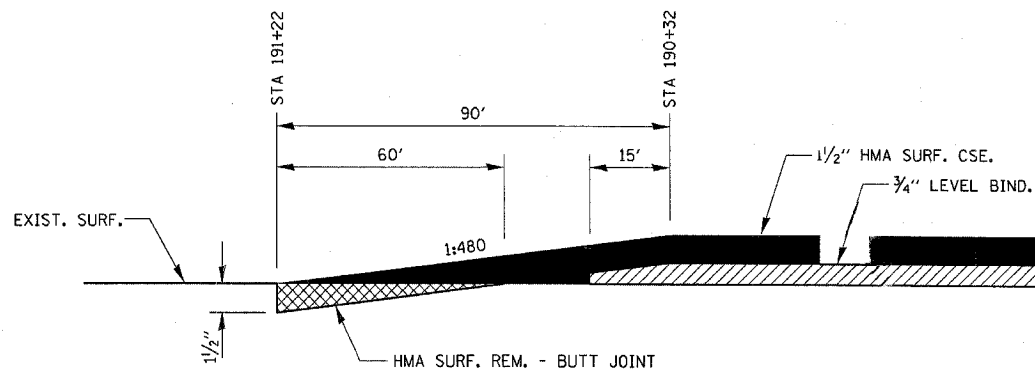


NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS



TAPER DETAIL AT MILLING TRANSITION



TAPER DETAIL AT END OF PROJECT

REVISIONS	
NAME	DATE

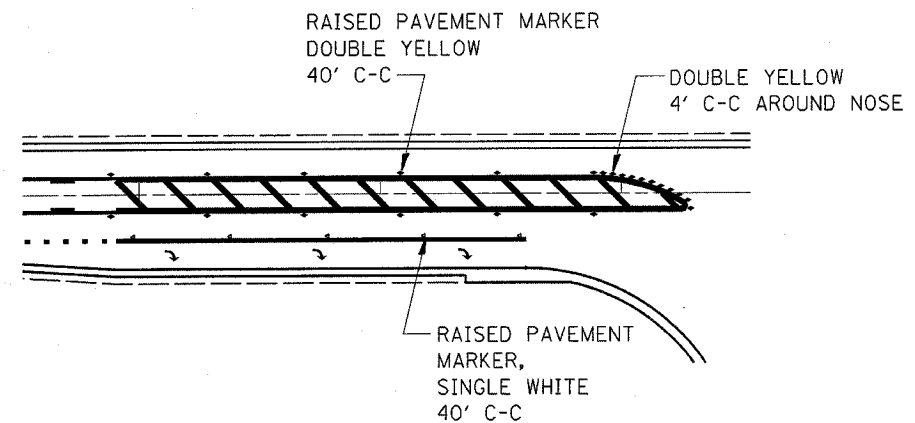
ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

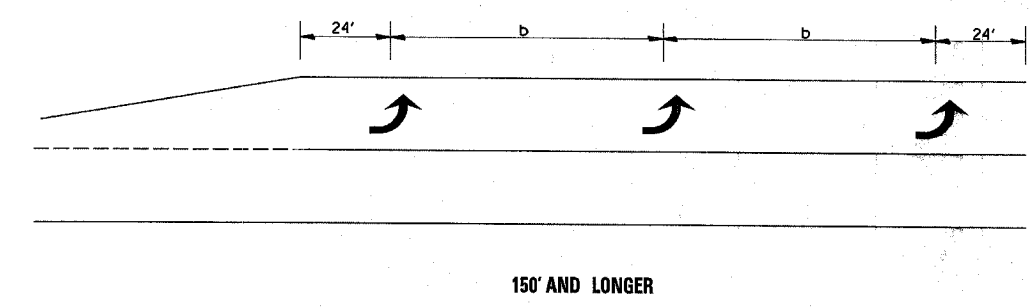
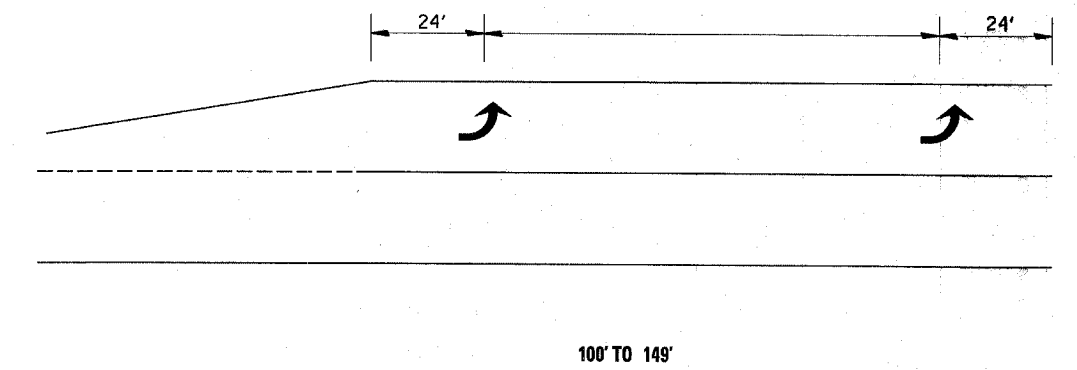
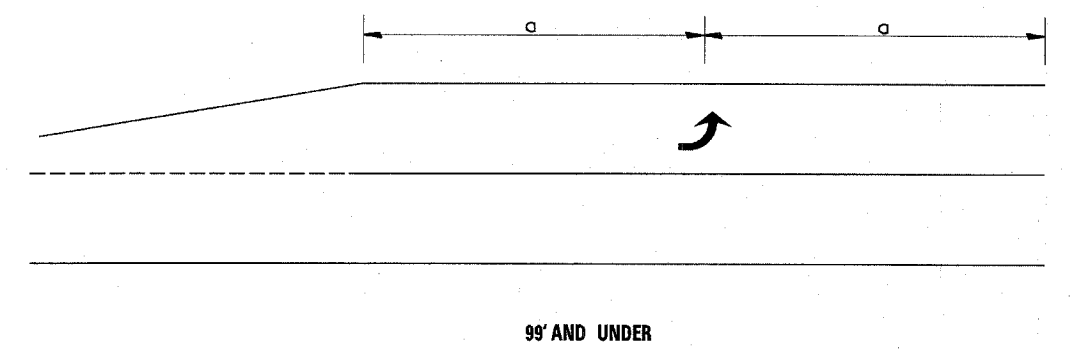
SCALE: VERT. DATE

DRAWN BY CHECKED BY

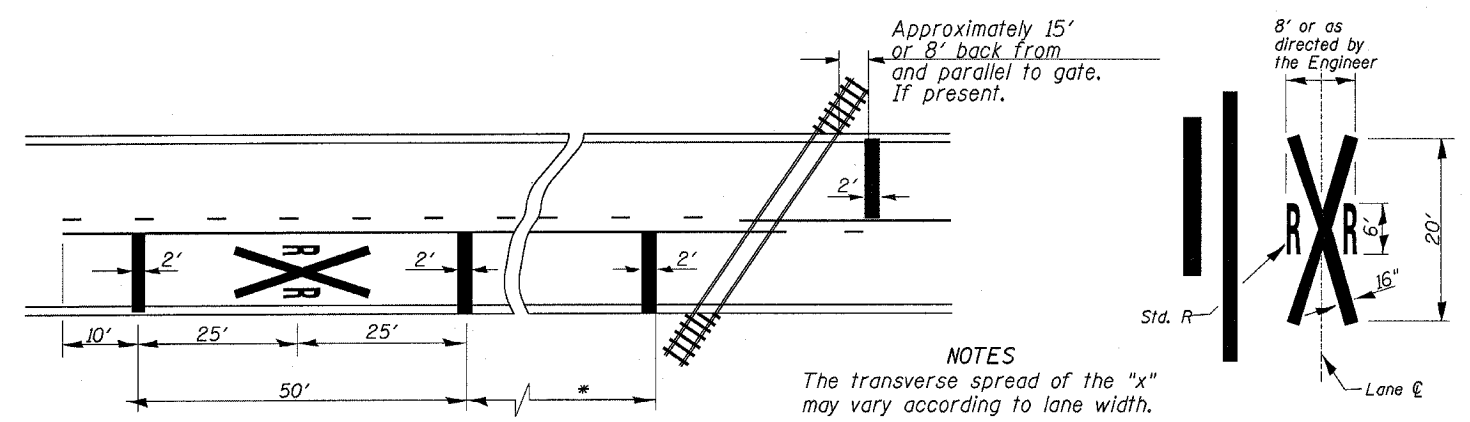
F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	113RS-3 & 114RS-2	■■	18	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
■■GRUNDY & WILL				



RAISED REFLECTIVE PAVEMENT MARKERS @ RIGHT TURN LANE



TYPICAL PLACEMENT OF ARROWS IN TURN LANES



NOTES
 The transverse spread of the "x" may vary according to lane width.
 On multi-lane roads, the stop lines shall extend across all approach lanes and separate RXR symbols shall be placed adjacent to each other in each lane.

* Minimum Distance
 400' for 55 MPH
 250' for 45 MPH
 100' for 35 MPH or Less

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

REVISIONS	
NAME	DATE

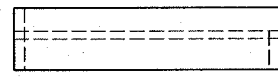
ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

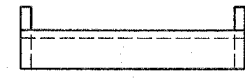
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	*	**	18	18
STA.		TO STA.		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		
*113RS-3 & 114RS-2		**GRUNDY & WILL		

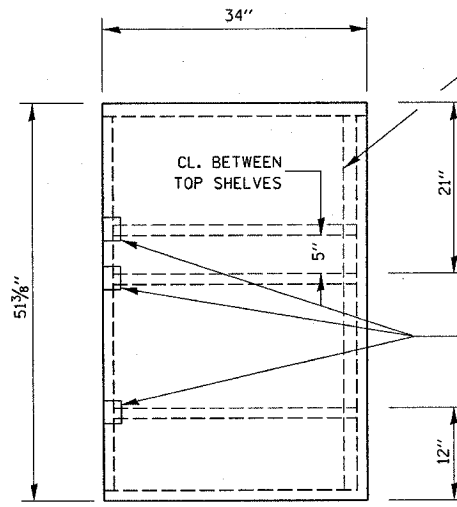


SHELF SIDE VIEW

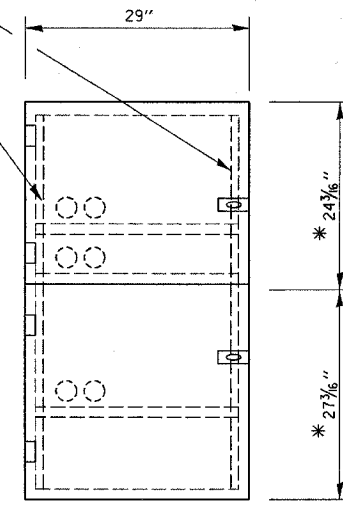


SHELF FRONT VIEW

1/2" X 1/2" FLAT STOCK WELD TO FORM DOOR FRAME AND ALSO AROUND PERIMETER OF EACH DOOR.



SIDE VIEW

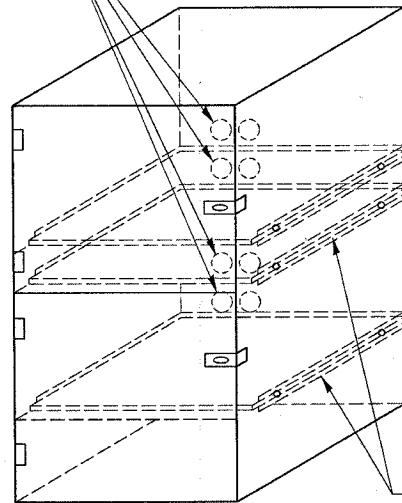


FRONT VIEW

* ALLOWS FOR 1/8" CLEARANCE AT TOP AND BOTTOM OF CABINET AND BETWEEN DOORS.

WELD BACKSTOP TO MAINTAIN 2" CLEARANCE BETWEEN SHELF AND CABINET

2" ACCESS HOLES IN REAR OF CABINET

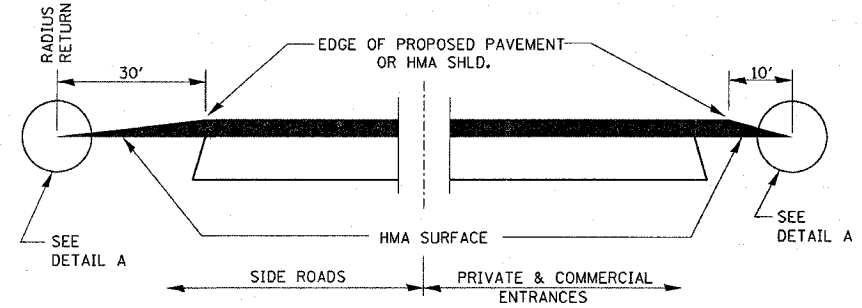


FLAT STOCK DIMENSIONS VARY DEPENDING ON TYPE OF ROLLER ASSEMBLY

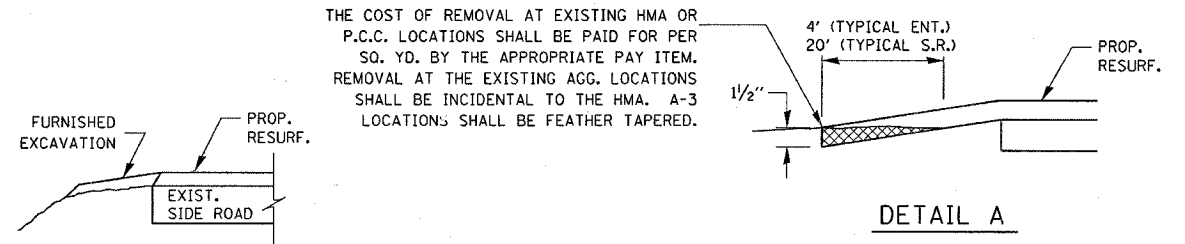
LOCKABLE COMPUTER CABINET

NOTES:

1. USE 16 GAUGE STEEL FOR CABINET.
2. THE TOP SHELF SHALL SLIDE IN OR OUT WITH THE TOP DOOR OPEN.
3. ALL HINGES AND HASPS WILL BE WELDED TO THE CABINET.
4. ALL EDGES SHALL BE GROUND SMOOTH.
5. TWO (2" DIA.) ACCESS HOLES WILL BE REQUIRED FOR EACH SHELF.
6. CABINET SHALL BE PAINTED WITH TWO COATS OF FLAT PAINT.
7. 2 EACH MATCHING KEY PADLOCKS, WITH 3 KEYS PROVIDED, MASTER MODEL 3 T OR EQUIVALENT.
8. 4 EACH PLAIN STEEL, NON-REMOVABLE PIN, NO HOLE 4" X 4" SQUARE CORNER HINGES TO BE WELDED ON.
9. 2 EACH EXTRA HEAVY, PLAIN STEEL, FIXED STAPLE, NO HOLE, 7/4" HASPS TO BE WELDED ON.

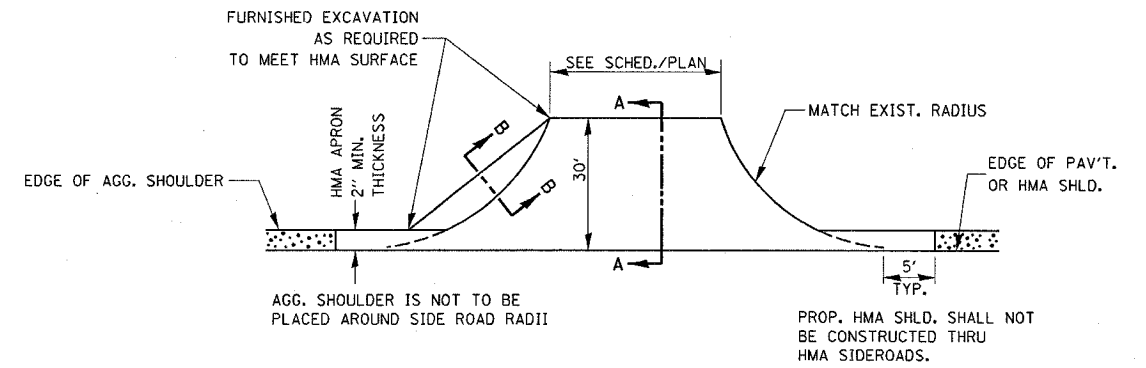


**SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS**

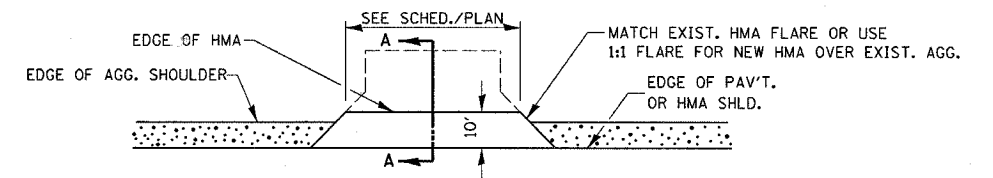


SECTION B-B

THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY