

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1,1-1)RS-4	KENDALL	10	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 66837		

INDEX OF SHEETS

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- 2 GENERAL NOTES
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- 4 TYPICAL SECTIONS
- 5-6 SCHEDULES
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 311 (IL 71)
SECTION (1,1-1)RS-4**

KENDALL COUNTY

C - 93 - 109 - 08

3P MILLING & RESURFACING

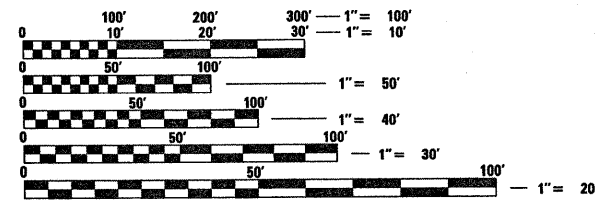
D-93-074-08



STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 406201-01 MAILBOX TURNOUT
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-01 TRAFFIC CONTROL DEVICES
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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



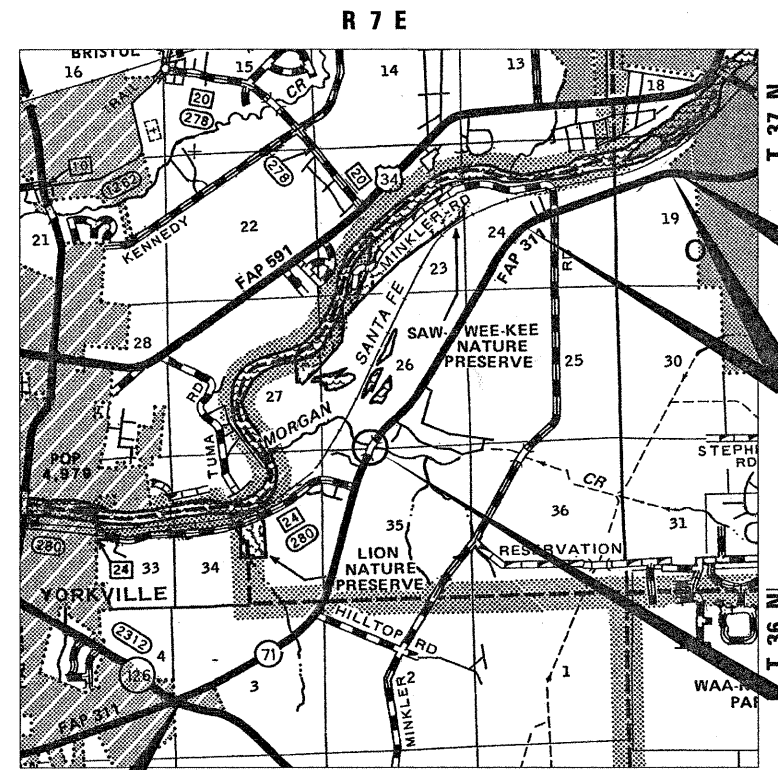
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER : CRAIG REED
 UNIT CHIEF : MARK JONES**

DISTRICT 3 NO. (815) 434-6131

CONTRACT NO. 66837



**END PROJECT
 STA. 850 + 90**

**PAVEMENT OMISSION
 STA. 780 + 44.91 - 838 + 16**

**BRIDGE OMISSION
 S.N. 047-0059
 STA. 687 + 80 TO STA. 689 + 44**

**START PROJECT
 STA. 584 + 05**

GROSS LENGTH = 26,685 FT. = 5.05 MI.

NET LENGTH = 20,750 FT. = 3.93 MI.

**FUNCTION CLASSIFICATION
 OTHER PRINCIPAL ARTERIAL**
 2008 ADT = 12,700
 P.V. = 86% S.U. = 8% M.U. = 6%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED February 01 2010

Aray Regan
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Still, P.E., P.D.
 Acting ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christine M. Reed, P.D.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 PLOT SCALE = 50.0000' / IN.
 USER NAME = duncanbd

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.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

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 OR THE COPY INCLUDED IN THESE PLANS.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
BIT MATERIALS (PRIME COAT) ON AGGREGATE BASES	0.375	GAL / SQ YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.05	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: David Brault
ACTING DISTRICT STUDIES & PLANS ENGINEER

DATE: February 01/2010

EXAMINED BY: Herbert
DISTRICT CONSTRUCTION ENGINEER

Ken L. Peltz
DISTRICT MATERIALS ENGINEER

James A. Wheeler
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				100% STATE
CODE NO.	ITEM	CONSTRUCTION CODE TYPE:		1000
		UNIT	TOTAL QUANTITY	RDWY QUANTITY
20400800	FURNISHED EXCAVATION	CU YD	12	12
25100630	EROSION CONTROL BLANKET	SQ YD	252	252
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	59	59
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8887	8887
40600300	AGGREGATE (PRIME COAT)	TON	262	262
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	20	20
40600525	LEVELING BINDER (HAND METHOD), N50	TON	31	31
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2625	2625
40600895	CONSTRUCTING TEST STRIP	EACH	2	2
40600990	TEMPORARY RAMP	SQ YD	450	450
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	5255	5255
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	692	692
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	66980	66980
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1927	1927
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1
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
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7633	7633
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156	156
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	62298	62298
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3680	3680
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	860	860
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	326	326
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	24	24
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	848	848
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156	156
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	62298	62298
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3680	3680
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	860	860
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	326	326
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	24	24
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	338	338
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	250	250
X0322729	MATERIAL TRANSFER DEVICE	TON	5255	5255
X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1

* SPECIALTY ITEMS

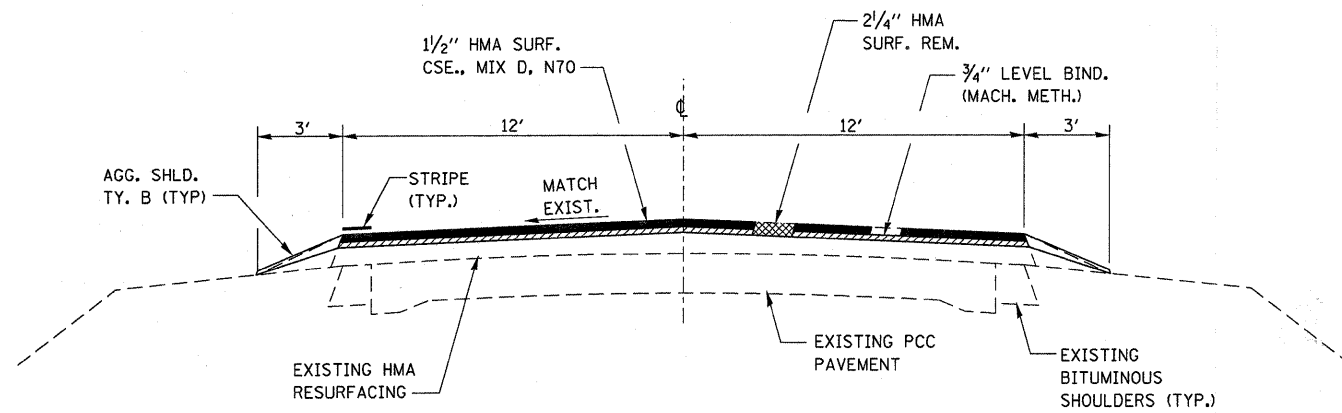
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

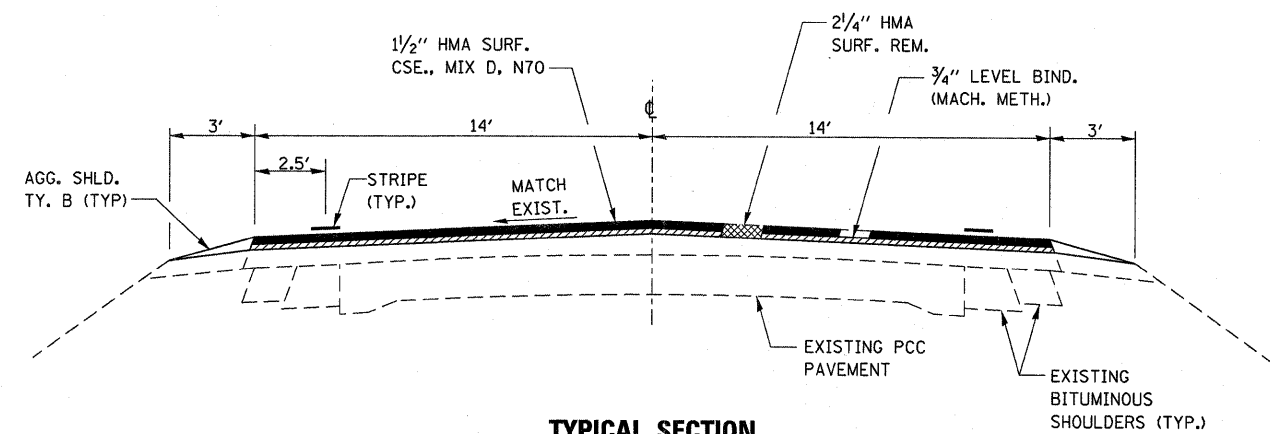
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F.A.P. RTE. 311	SECTION (1,1)-1RS-4	COUNTY KENDALL	TOTAL SHEETS 10	SHEET NO. 3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66837	



TYPICAL SECTION

STA. 584+05 TO STA. 675+52

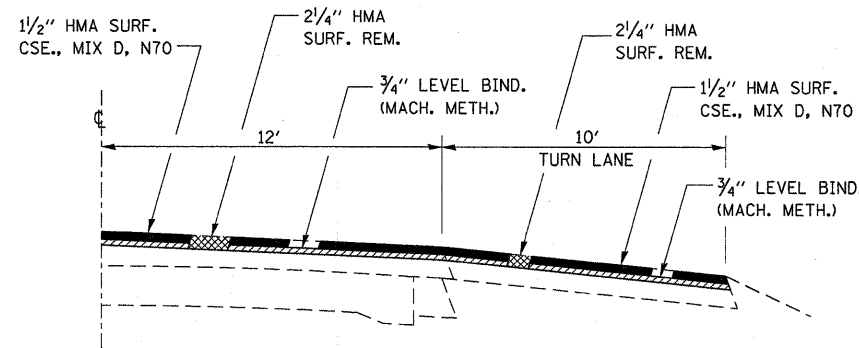


TYPICAL SECTION

STA. 675+52 TO STA. 687+80
STA. 689+44 TO STA. 700+79

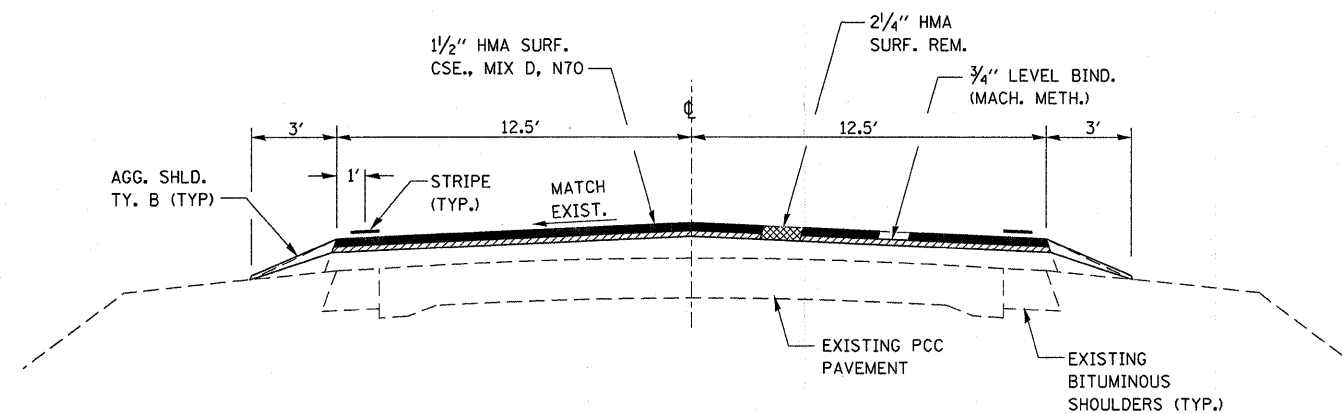
BRIDGE OMISSION - SN 047-0059
STA. 687+80 TO STA. 689+44

PAVEMENT OMISSION
STA. 780+44.91 TO STA. 838+16



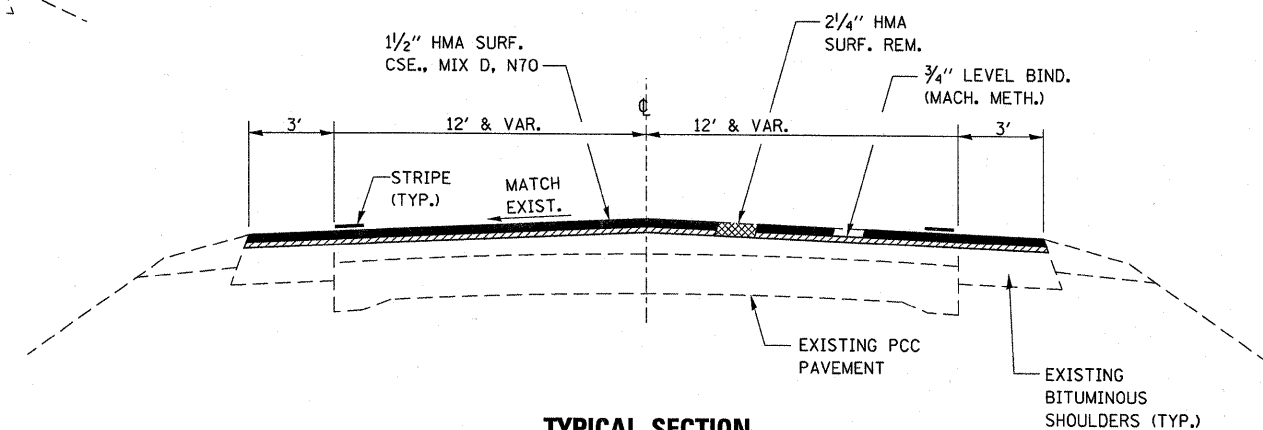
DETAIL FOR TURN LANES

SHADOW CREEK LANE
RESERVATION ROAD
VAN EMMON ROAD
COUNTRY VIEW DRIVE



TYPICAL SECTION

STA. 700+79 TO STA. 787+30



TYPICAL SECTION

AT PARADISE PARKWAY (SEE DETAIL)
STA. 838+16 TO STA. 850+90

	HMA LEVEL BINDER	HMA SURFACE
PG Grade	SBS PG70-22	PG64-22
Design Air Voids	4% @ N50	4% @ N70
Mixture Composition	IL 4.75	IL 12.5 or IL 9.5
Aggregate		Mixture D
Density Control Method	CORRELATION	CORRELATION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1,1)-1RS-4	KENDALL	10	4
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66837				

MAINLINE SCHEDULE												
STATION TO STATION	AREA	HMA SURF	BIT MATL	AGG	LEVEL	MIX FOR	LEVEL	HMA	TEMP	SHORT	AGG	
		REM	PRIME	PRIME	BINDER	CRACKS JTS	BINDER	SURF CSE	RAMP	TERM	SHLDS	
		2 1/4"	COAT	COAT	(HM)	& FLGWYS	(MACH METH)	MIX "D"		PVMT	TY B	
	SQ YD	SQ YD	GALLON	TON	TON	TON	TON	TON	SQ YD	FOOT	TON	
583+45 TO 584+05	160	160	20.8	0.6	0.1	0.1	7	14	20.0	18	6	
584+05 TO 675+52	24392	24392	3171.0	97.6	12.2	7.4	1024	2049		2745	876	
675+52 TO 687+00	3572	3572	464.4	14.3	1.8	1.1	150	301		345	110	
687+00 TO 687+80	249	249	32.4	1.0	0.2	0.1	10	21	23.3	24		
BRIDGE OMISSION												
687+80 TO 689+44												
689+44 TO 690+24	249	249	32.4	1.0	0.2	0.1	10	21	23.3	24		
690+24 TO 700+79	3283	3283	426.8	13.1	1.7	1	138	276		317	101	
700+79 TO 787+30	24031	24031	3124.0	96.1	11.9	7.6	1009	2019		2596	828	
787+30 TO 787+90	167	167	21.7	0.7	0.1	0.1	7	15	20.8	18	6	
PAVEMENT OMISSION												
787+90 TO 838+16												
838+16 TO 111+94 AT PARADISE PARKWAY	5180	5180	673.4	20.7	2.6	1.6	218	435	43.3	1380		
SHADOW CREEK (TURN LANE)	640	640	83.2	2.6	0.4	0.2	27	54		15		
RESERVATION RD (TURN LANE)	324	324	42.1	1.3	0.2	0.1	14	28		63		
VAN EMMON (TURN LANE)	152	152	19.8	0.6	0.1	0.1	6	13		60		
COUNTRY VIEW (TURN LANE)	112	112	14.6	0.4	0.1	0.1	5	10		28		
TOTALS		62511	8126	250	31	20	2625	5255	131	7633	1927	

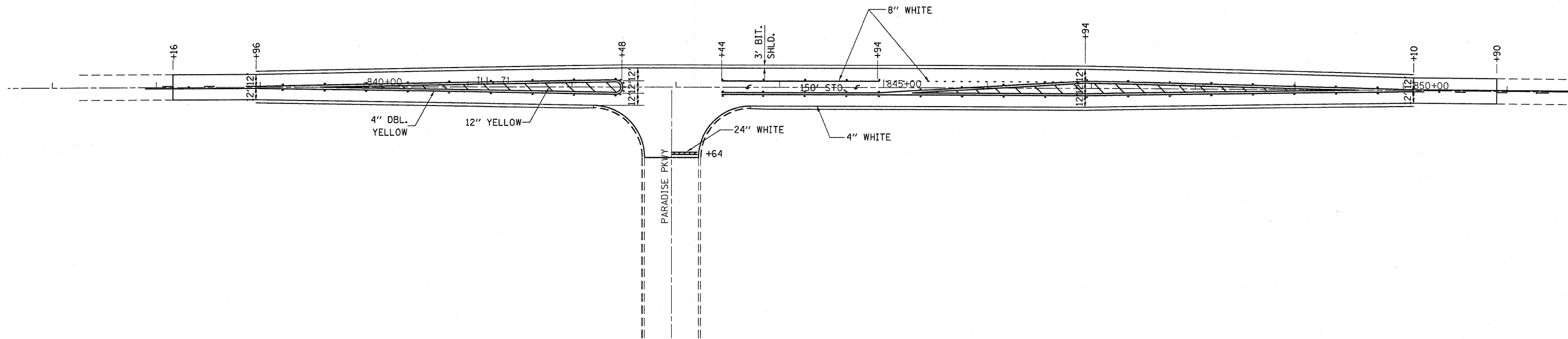
PAVEMENT MARKING SCHEDULE											
STATION TO STATION	THERMOPLASTIC PAVEMENT MARKING							RAISED REFL PAVT MARKER		RAISED REFL PAVT MARKER REMOVAL	
	YELLOW 4"	WHITE 4"	YELLOW 6"	WHITE 8"	YELLOW 12"	WHITE 24"	LETTERS & SYMBOLS	CRYSTAL EACH	AMBER EACH	REMOVAL EACH	
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT				
583+45 TO 787+90		39754	3640						256	200	
SHADOW CREEK (TURN LANE)		465		254			46.8	6			
RESERVATION RD (TURN LANE)		372		234			46.8	6			
VAN EMMON (TURN LANE)		167		72			15.6	3			
COUNTRY VIEW (TURN LANE)		132		100			15.6	3			
NORTHBOUND (NO PASSING ZONE)											
594+68 TO 636+48	4180										
666+65 TO 701+10	3445										
SOUTHBOUND (NO PASSING ZONE)											
605+85 TO 643+05	3720										
672+72 TO 707+67	3495										
838+16 TO 850+90 AT PARADISE PARKWAY	4116	2452	40	200	326	24	31.2	5	59	50	
SUB TOTALS	18956	43342	3680	860	326	24	156	23	315	250	
TOTALS		62298	3680	860	326	24	156	338		250	

SIDEROAD SCHEDULE												
STATION	RT/LT	DESCRIPTION	EX MATL	AREA	HMA SURF	BIT MATL	AGG	TEMP	INC	FURN	EROSION	
				SQ YD	REM 2 1/4"	PRIME COAT	PRIME COAT	RAMP	HMA SURF	EXC	CONTROL BLANKET	
					SQ YD	GAL	TON	SQ YD	TON	CU YD	SQ YD	
620+07	RT	RAVINE COURT	BIT	172	172	13.8	0.4	22.50	22	2	42	
626+00	RT	HILLTOP ROAD	BIT	190	190	15.2	0.4	18.33	24	2	42	
634+35	LT	SHADOW CREEK LANE	BIT	325	325	26.0	0.7	40.00	41	2	42	
672+85	LT	VAN EMMON ROAD	BIT	250	250	20.0	0.5	35.00	32	2	42	
672+91	RT	RESERVATION ROAD	BIT	304	304	24.3	0.7	43.33	38			
679+22	LT	COUNTRY VIEW DRIVE	BIT	206	206	16.5	0.5	22.50	26			
693+68	LT	RIVER OAKS DRIVE	AGG	122						2	42	
699+15	RT	WINDING CREEK ROAD	BIT	312	312	25.0	0.7	36.67	39			
715+02	LT	OAK CREEK DRIVE	BIT	360	360	28.8	0.8	37.50	45	2	42	
735+26	LT	REGAL OAKS COURT	BIT	135	135	10.8	0.3	20.00	17			
842+96	RT	PARADISE PARKWAY	BIT	377	377	30.2	0.8	43.33	48			
TOTALS					2631	210	6	319	332	12	252	

ENTRANCE SCHEDULE									
STATION	RT/LT	DESCRIPTION	EX MAT'L	AREA	HMA SURF	BIT MAT'L	AGG PRIME	INC HMA	AGG SURF
				SQ YD	REM 2 1/4" SQ YD	PRIME COAT GAL	PRIME COAT TON	SURF TON	CSE TY B TON
597+70	RT	P.E. w/ MBTO	AGG	45		16.9	0.1	5.7	3
611+20	LT	C.E. w/ MBTO	AGG	63		23.6	0.1	7.9	3
611+38	RT	C.E. w/ MBTO	BIT	68	68	25.5	0.1	8.6	3
613+87	LT	C.E.	AGG	222		83.3	0.4	28.0	5
620+80	RT	P.E.	BIT	44	44	3.5	0.1	5.5	
621+80	RT	MBTO	BIT	72	72	5.8	0.1	9.1	
622+85	RT	P.E.	BIT	30	30	2.4	0.1	3.8	
639+02	LT	P.E.	AGG	47		17.6	0.1	5.9	3
639+02	RT	MBTO	BIT	40	40	3.2	0.1	5.0	
642+08	RT	P.E. w/ MBTO	AGG	42		15.8	0.1	5.3	3
642+83	LT	P.E. w/ MBTO	BIT	48	48	3.8	0.1	6.0	
644+20	LT	P.E. w/ MBTO	AGG	37		13.9	0.1	4.7	3
644+20	RT	MBTO	BIT	26	26	2.1	0.1	3.3	
647+63	RT	MBTO	BIT	32	32	2.6	0.1	4.0	
647+63	LT	P.E. w/ MBTO	AGG	34		12.8	0.1	4.3	3
651+40	LT	P.E. w/ MBTO	BIT	39	39	3.1	0.1	4.9	
653+97	RT	P.E. w/ MBTO	BIT	48	48	3.8	0.1	6.0	
654+00	LT	MBTO	BIT	21	21	1.7	0.1	2.6	
655+12	RT	P.E.	BIT	43	43	3.4	0.1	5.4	
662+36	LT	P.E.	AGG	33		12.4	0.1	4.2	3
662+76	LT	P.E.	AGG	35		13.1	0.1	4.4	3
662+84	RT	MBTO	BIT	37	37	3.0	0.1	4.7	
665+21	RT	MBTO	BIT	26	26	2.1	0.1	3.3	
665+21	LT	P.E. w/ MBTO	AGG	41		15.4	0.1	5.2	3
667+16	LT	P.E. w/ MBTO	BIT	38	38	3.0	0.1	4.8	
667+16	RT	MBTO	BIT	22	22	1.8	0.1	2.8	
678+10	LT	P.E. w/ MBTO	BIT	49	49	3.9	0.1	6.2	
679+10	RT	P.E. w/ MBTO	BIT	53	53	4.2	0.1	6.7	
682+13	RT	P.E. w/ MBTO	BIT	71	71	5.7	0.1	8.9	
682+73	LT	P.E. w/ MBTO	AGG	62		23.3	0.1	7.8	3
685+16	RT	MBTO	BIT	32	32	2.6	0.1	4.0	
685+26	LT	P.E. w/ MBTO	BIT	70	70	5.6	0.1	8.8	
691+07	RT	MBTO	BIT	27	27	2.2	0.1	3.4	
691+26	LT	P.E. w/ MBTO	AGG	70		26.3	0.1	8.8	3
692+59	RT	MBTO	BIT	28	28	2.2	0.1	3.5	
695+90	RT	MBTO	BIT	26	26	2.1	0.1	3.3	
696+05	LT	P.E. w/ MBTO	BIT	42	42	3.4	0.1	5.3	
703+69	LT	P.E. w/ MBTO	BIT	31	31	2.5	0.1	3.9	
704+52	RT	P.E. w/ MBTO	BIT	62	62	5.0	0.1	7.8	
705+38	RT	MBTO	BIT	37	37	3.0	0.1	4.7	
705+38	LT	P.E. w/ MBTO	BIT	31	31	2.5	0.1	3.9	
707+71	LT	P.E. w/ MBTO	BIT	18	18	1.4	0.1	2.3	
708+44	RT	P.E. w/ MBTO	AGG	63		23.6	0.1	7.9	3
713+15	RT	MBTO	BIT	40	40	3.2	0.1	5.0	
713+33	LT	P.E. w/ MBTO	BIT	76	76	6.1	0.2	9.6	
716+46	LT	P.E. w/ MBTO	BIT	30	30	2.4	0.1	3.8	
719+42	LT	P.E. w/ MBTO	AGG	34		12.8	0.1	4.3	3
720+56	LT	P.E. w/ MBTO	AGG	34		12.8	0.1	4.3	3
720+42	RT	MBTO	BIT	23	23	1.8	0.1	2.9	
725+80	RT	MBTO	BIT	20	20	1.6	0.1	2.5	
725+80	LT	P.E. w/ MBTO	AGG	36		13.5	0.1	4.5	3
731+45	RT	MBTO	BIT	20	20	1.6	0.1	2.5	
731+45	LT	P.E. w/ MBTO	BIT	38	38	3.0	0.1	4.8	
746+23	RT	MBTO	BIT	30	30	2.4	0.1	3.8	
746+33	LT	P.E. w/ MBTO	AGG	35		13.1	0.1	4.4	3
754+76	LT	P.E.	AGG	53		19.9	0.1	6.7	
764+44	RT	MBTO	BIT	31	31	2.5	0.1	3.9	
764+44	LT	P.E. w/ MBTO	AGG	37		13.9	0.1	4.7	3
775+30	RT	MBTO	BIT	30	30	2.4	0.1	3.8	
775+39	LT	P.E.	BIT	49	49	3.9	0.1	6.2	
783+74	LT	P.E.	BIT	103	103	8.2	0.2	13.0	
784+94	LT	P.E.	BIT	103	103	8.2	0.2	13.0	
784+94	RT	MBTO	BIT	34	34	2.7	0.1	4.3	
TOTALS					1838	551	6	360	59

TEMPORARY PAVEMENT MARKING SCHEDULE								
STATION TO	STATION	TEMPORARY PAINT PAVEMENT MARKING						LETTERS & SYMBOLS SQ FT
		YELLOW 4"	WHITE 4"	YELLOW 6"	WHITE 8"	YELLOW 12"	WHITE 24"	
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
583+45	TO 787+90		39754	3640				
SHADOW CREEK (TURN LANE)			465		254		46.8	
RESERVATION RD (TURN LANE)			372		234		46.8	
VAN EMMON (TURN LANE)			167		72		15.6	
COUNTRY VIEW (TURN LANE)			132		100		15.6	
NORTHBOUND (NO PASSING ZONE)								
594+68	TO 636+48	4180						
666+65	TO 701+10	3445						
SOUTHBOUND (NO PASSING ZONE)								
605+85	TO 643+05	3720						
672+72	TO 707+67	3495						
838+16	TO 850+90	4116	2452	40	200	326	24	
AT PARADISE PARKWAY								
SUB TOTALS		18956	43342	3680	860	326	24	
TOTALS		62298	3680	860	326	24	156	

MANHOLE ADJUSTMENT	
STATION	EACH
672+47 15' RT	1
TOTAL	1



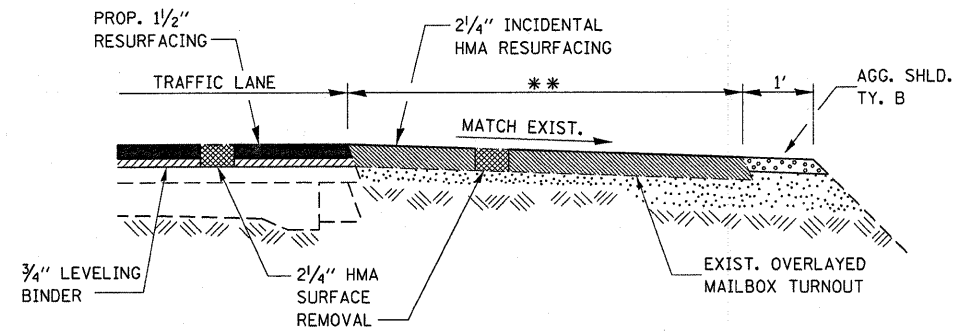
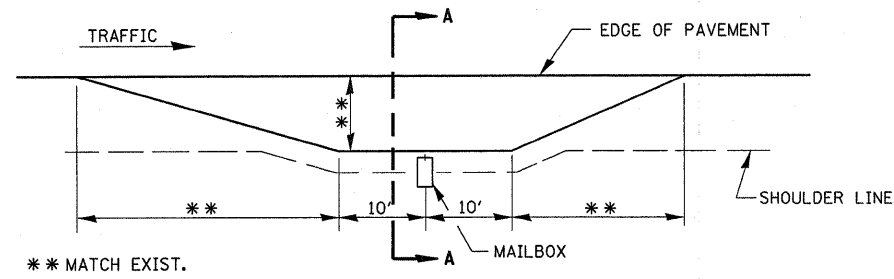
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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Jan 29, 2010 - 08:33:42 AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

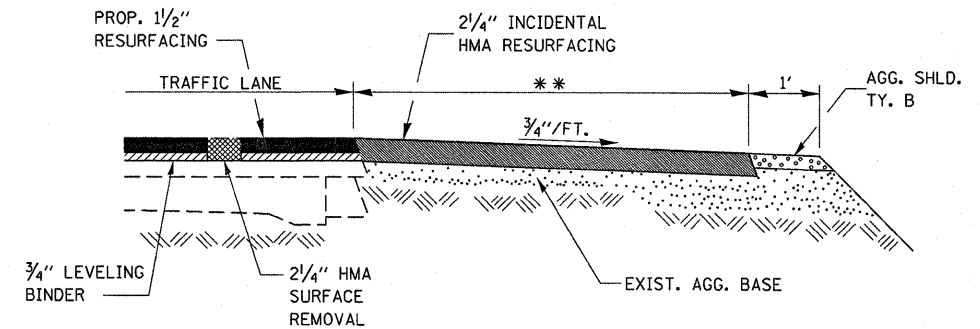
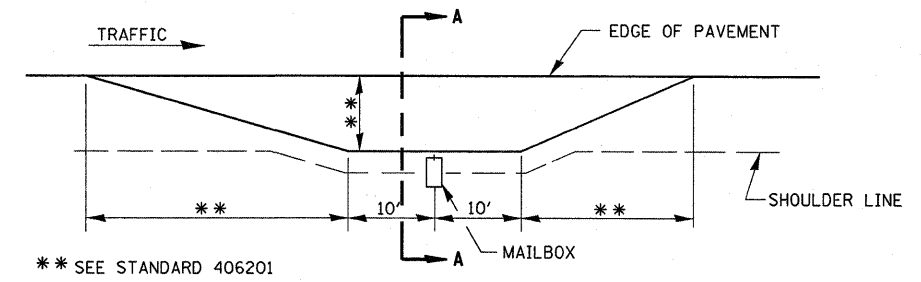
DETAILS

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

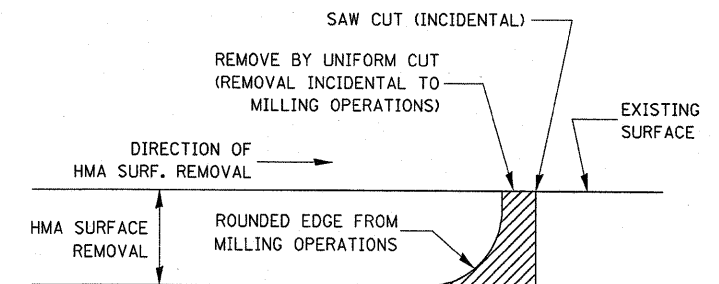
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1,1)-DRS-4	KENDALL	10	7
CONTRACT NO. 66837				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SECTION A-A
EXISTING HMA MAILBOX TURNOUT DETAIL



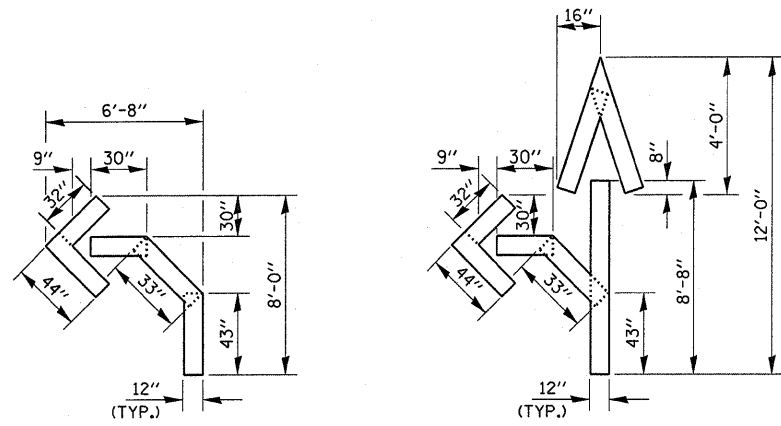
SECTION A-A
EXISTING AGG. MAILBOX TURNOUT DETAIL



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

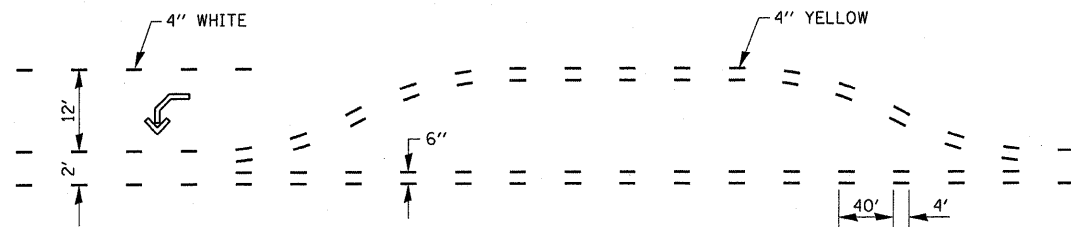
HMA DETAIL AT BUTT JOINTS

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\pwidot\duncanbd\ms64182\d366837-aht-detail1.dgn		DRAWN -	REVISED -			311	(1,1-DRS-4	KENDALL	10	8
PLOT SCALE = 50,0000 ' / IN.		CHECKED -	REVISED -			CONTRACT NO. 66837				
PLOT DATE = Jan 29, 2010 - 08:33:36 AM		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE:						SHEET NO. OF SHEETS		STA. TO STA.		

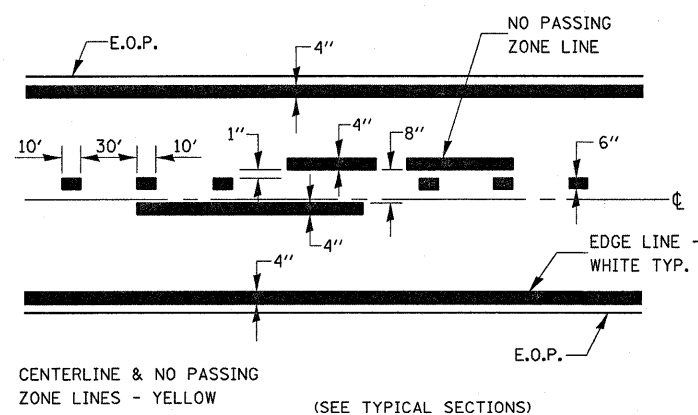


QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

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



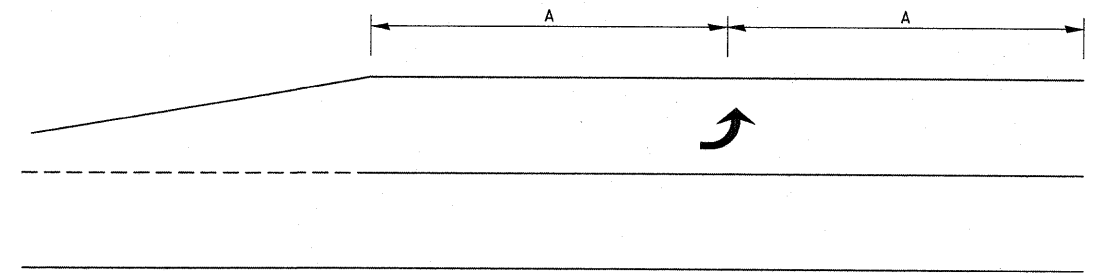
SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS



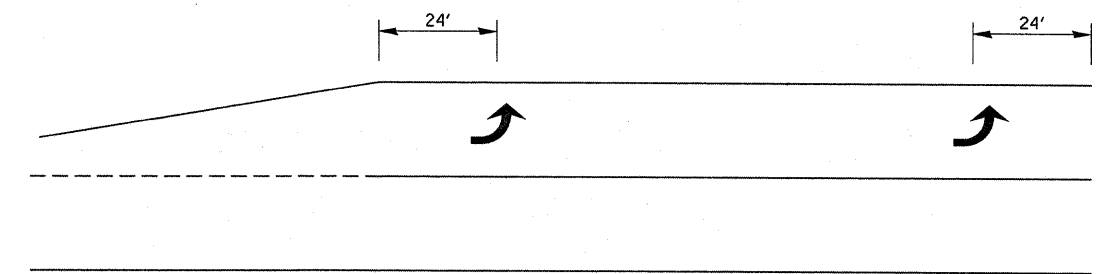
CENTERLINE & NO PASSING
ZONE LINES - YELLOW

(SEE TYPICAL SECTIONS)

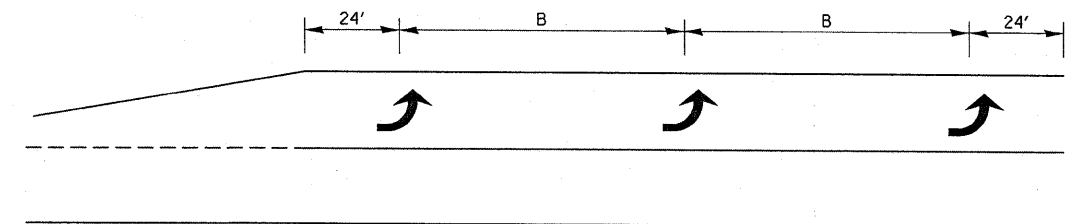
PAVEMENT MARKING



99' AND UNDER



100' TO 149'



150' AND LONGER

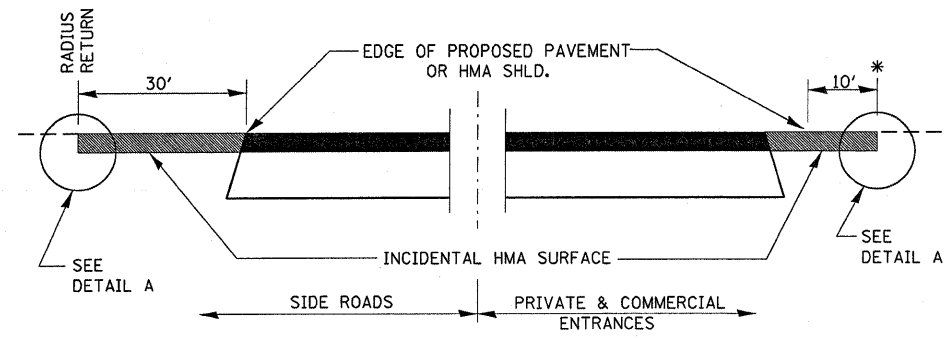
TYPICAL PLACEMENT OF ARROWS IN TURN LANES

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
et\pw\work\VPWIDOT\DUNCANBD\dms64182\d36	6837-ahd-details.dgn	DRAWN -	REVISED -
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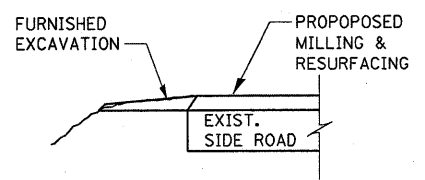
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

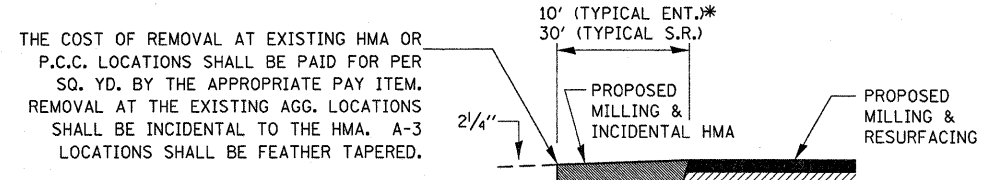
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1,1)-RS-4	KENDALL	10	9
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 66837				



SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS

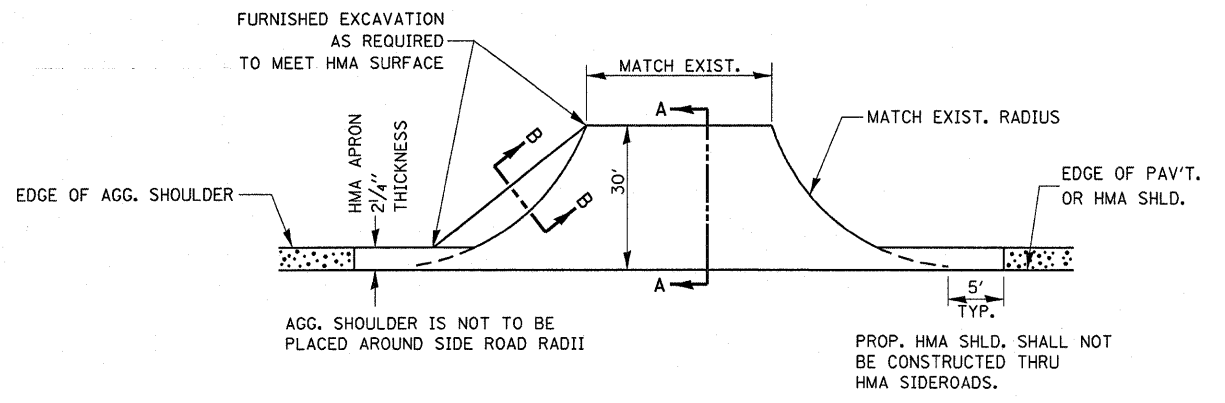


SECTION B-B

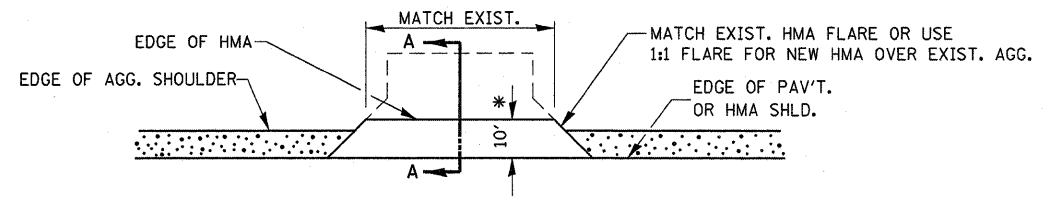


DETAIL A

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)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
et:\pwwork\VPWIDOT\DUNCANBD\dms64182\436837-sht-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1,1)-1RS-4	KENDALL	10	10
CONTRACT NO. 66837				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				