

06-14-13 LETTING ITEM 059

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION D3 RUMBLE STRIPS
PROJECT: HSIP-0005(930)
SHOULDER RUMBLE STRIPS

VARIOUS (DEKALB, LASALLE, BUREAU, AND LIVINGSTON) COUNTIES

C-93-097-13

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D3 RUMBLESTRIPS	VARIOUS	5	1
* VARIOUS ROUTES ILLINOIS			CONTRACT NO. 66C99	

D-93-044-13

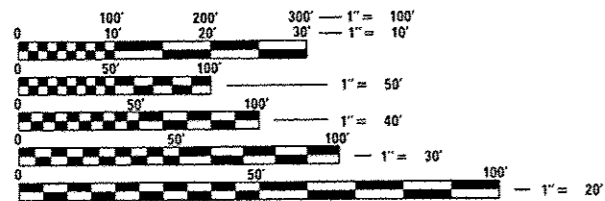
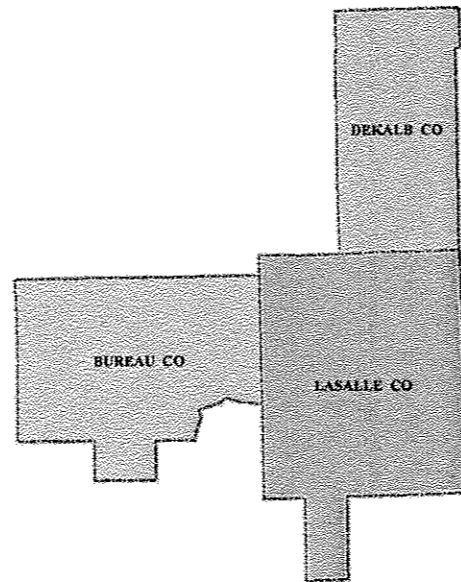


INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES AND SIGNATURE BLOCK
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTION DETAILS AND MATERIAL TABLE
5. SCHEDULE OF QUANTITIES

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
642006	SHOULDER RUMBLE STRIPS, 8 INCH
642001-02	SHOULDER RUMBLE STRIPS, 16 INCH
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS **e** 45 MPH
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS



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

DISTRICT 3 NO. (815) 434-6131

PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: SCOTT A. FERGUSON

CONTRACT NO. 66C99

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 3-29-13
Paul A. Costerton
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

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

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

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GENERAL NOTES

PLAN DIMENSIONS RELATIVE TO THE EXISTING ROADWAY HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

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 CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

HMA RESURFACING	112	LBS / SQ YD / IN
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BITUMINOUS MATERIALS (PRIME COAT) RATES	
TYPE OF SURFACE TO BE PRIMED	RESIDUAL ASPHALT RATE LB/SQ FT (KG/SQ M)
MILLED HMA, AGED NON-MILLED HMA, MILLED CONCRETE, NON-MILLED CONCRETE & TINED CONCRETE	0.05
FOG COAT BETWEEN HMA LIFTS, IL-4.75 & BRICK	0.025

COMMITMENTS

DISPOSAL OF EXCAVATED MATERIALS. ALL SUITABLE OR UNSUITABLE MATERIALS EXCAVATED DUE TO CONSTRUCTION OPERATIONS SHALL BE DISPOSED OF WITHIN THE LIMITS OF EXISTING RIGHT OF WAY. DISPOSAL OF EXCAVATED MATERIALS OFF THE RIGHT OF WAY SHALL NOT BE PERMITTED.

EXCAVATED MATERIALS SHALL BE DISPOSED OF AT LOCATIONS DIRECTED BY THE ENGINEER. ANY SUCH DISPOSAL SHALL NOT CREATE AND UNSIGHTLY OR OBJECTIONABLE APPEARANCE OR DETRACT FROM THE NATURAL TOPOGRAPHIC FEATURES WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

DATE: 3-29-13

PREPARED BY: Tom Beonil
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Herb Gray
DISTRICT CONSTRUCTION ENGINEER

Wayne Muller
DISTRICT MATERIALS ENGINEER

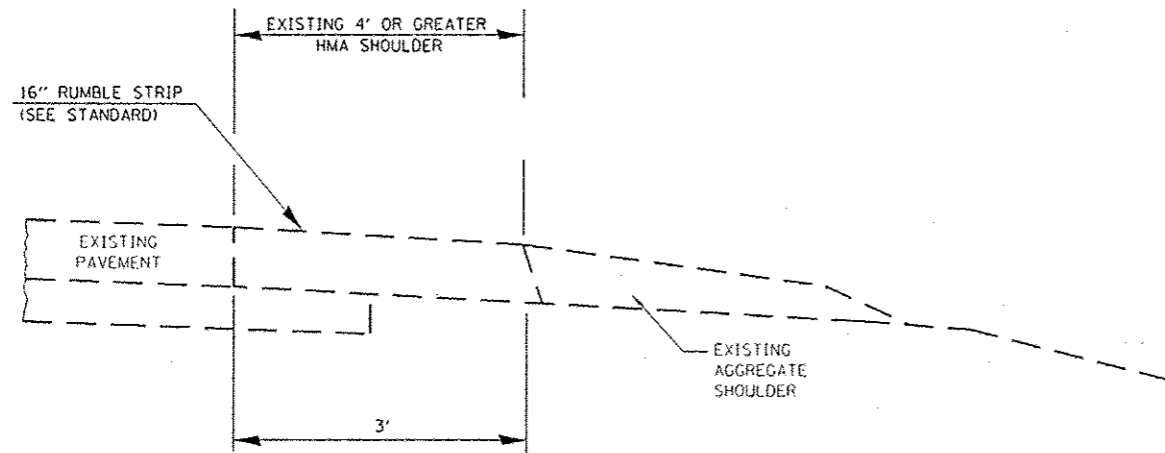
Bruce A. Fischer
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = Ferguson	DESIGNED - DBS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dot\ Ferguson\4833300210	S6C83-sht-details.dgn	DRAWN - DBS	REVISED -			*	03 RUMBLESTRIPS	VARIOUS	5	2
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			* VARIOUS ROUTES		CONTRACT NO. 66C99		
	PLOT DATE = 3/29/2013	DATE - FEBRUARY 2013	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

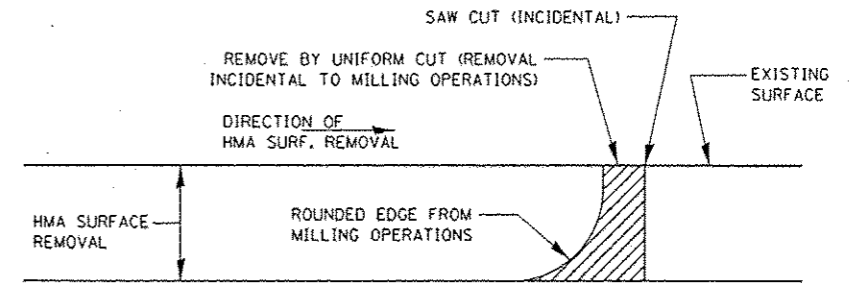
CODE NO.	ITEM	UNIT	CONSTR. CODE
			FED / STATE
			90% / 10%
			ROADWAY
			0021
			RURAL
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	62656
48203003	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	62656
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	435208.6
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	142560
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	187968
⊕ X4060110	BITUMINOUS MATERIALS (PRIME COAT), SPECIAL	POUND	3132.8

** Specialty Items*

FILE NAME *	USER NAME * Fergusonse	DESIGNED - OBS	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dot\Fergusonse\0333002\0366C93-sh1-details.dgn	DRAWN - OBS	REVISED - _____	* 03 RUMBLESTRIPS					VARIOUS	5	3		
PLOT SCALE * 100.0000 / 1 in.	CHECKED - _____	REVISED - _____	* VARIOUS ROUTES		CONTRACT NO. 66C99							
PLOT DATE * 3/29/2013	DATE - FEBRUARY 2013	REVISED - _____	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.						

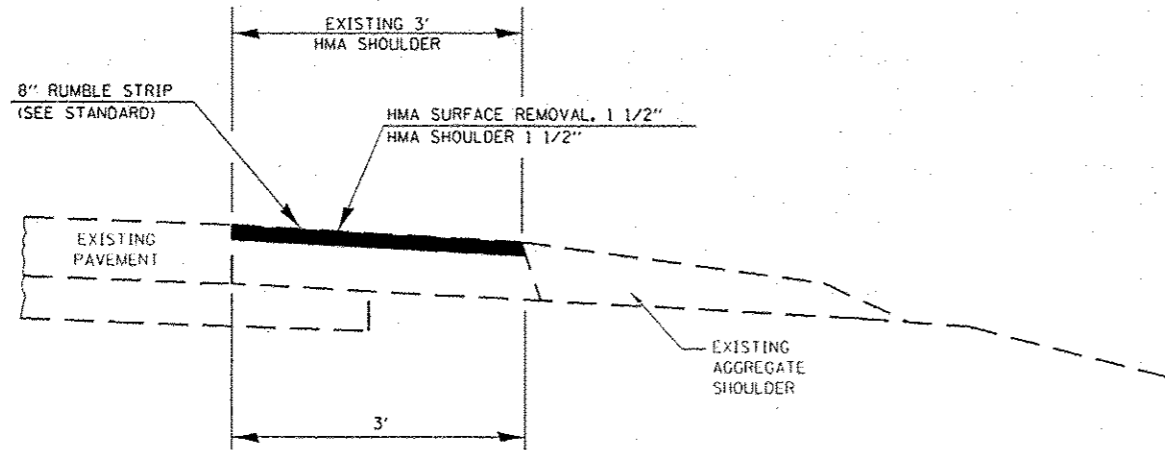


HMA SHOULDER REPAIR AND RUMBLE STRIP DETAIL



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



HMA SHOULDER REPAIR AND RUMBLE STRIP DETAIL

HMA SURFACE FOR SHOULDERS	
PG GRADE	PG64-22
DESIGN AIR VOIDS	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5 FG
FRICTION AGGREGATE	MIXTURE C
DENSITY CONTROL METHOD	CORES/ CORRELATION

RUMBLE STRIP SCHEDULE

ROUTE	LOCATION	LENGTH FOOT	SHOULDER WIDTH	8"	16"	HMA SURF REM 1 1/2"	HMA SHLDR 1 1/2"	HMA PRIME COAT	PAINT PVMT MARKING 4" WHITE
				RUMBLE STRIP FOOT	RUMBLE STRIP FOOT	SO YD	SO YD	POUND	FOOT
DEKALB COUNTY									
IL 72	155' east of IL 23 N, E. of Genoa, to New Lebanon Rd.	12417.4	3' BIT 3' AGG	24834.8					
IL 38	2500' west of Chase Rd. to 150' from Kane Co. line	18838.5	3' BIT 3' AGG	37677					
IL 38	525' E. of 6th St. Malta to Bethany Rd. W. of DeKalb	15840	3' BIT 5' AGG	31680					
IL 38	Ogle County Line to the East side of the Malta Cemetery	23232	3' BIT 5' AGG	46464					
LASALLE COUNTY									
IL 251	Marshall Co. Line to 5th St. S. of Lasant	12672	3' Bit. 3' Agg 2' earth	25344		8448	8448	422.4	25344
IL 251	N 15th Rd N. of Lasant to south St. S. of Tonica	22176	3' Bit. 3' Agg 2' earth	44352		14784	14784	739.2	44352
IL 251	From the End of C&G N. of Tonica to E350th Rd at Ogle	53928	3' Bit. 3' Agg 2' earth	53856		17952	17952	897.6	53856
US 6	320' west of E 9th Rd to 3,900' west of E 14th Rd	31644.4	3' BIT 3' AGG	63288.8					
US 52/IL 23	E 17th Rd East to IL 23 at N 42nd Rd	32208	3' Bit. 3' Agg 2' earth	64416		21472	21472	1073.6	64416
IL 34/IL 23	From the Junction of IL 23 (E 18th Rd) & US 34 to E 22nd Rd	43296	3' Bit. 3' Agg 2' earth	43296					
BUREAU COUNTY									
IL 40	From 1700 N north of I-80 to Whiteside Co. Line	71280	4' bit 4' agg		142560				
TOTAL				435208.6	142560	62656	62656	3132.8	187968