

093

INDEX OF SHEETS

03-08-2019 LETTING ITEM 093

- 1. COVER SHEET
- 2. GENERAL NOTES
- 3. SUMMARY OF QUANTITIES
- 4. TYPICAL
- 5. SCHEDULES
- 6. DETAILS

STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

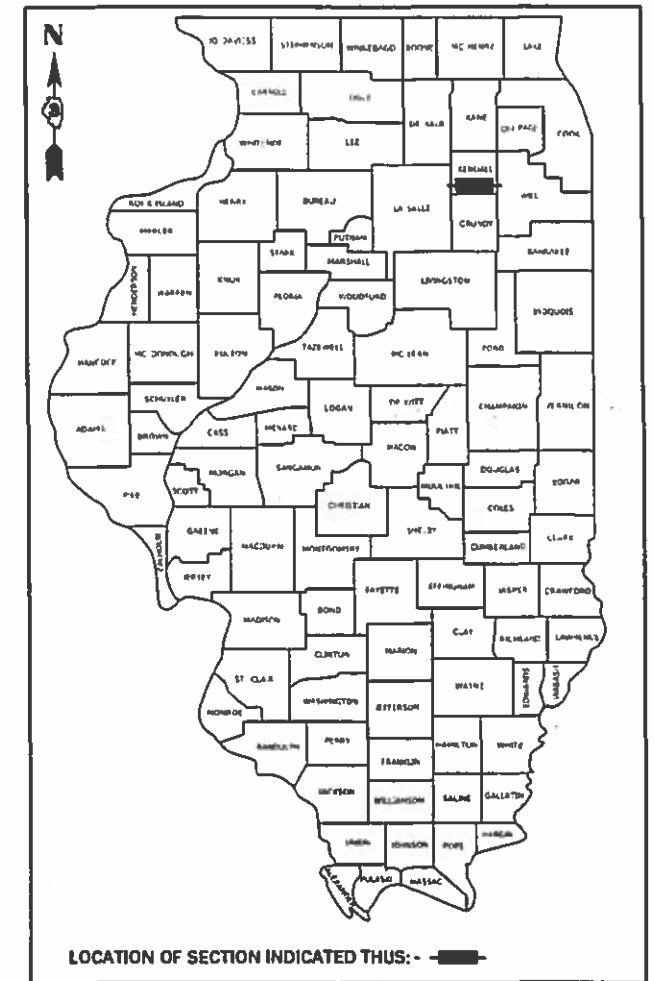
**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 607 (US 52)
SECTION (126,127,129,130)G
PROJECT
AGGREGATE SHOULDERS
KENDALL COUNTY

C-93-039-19

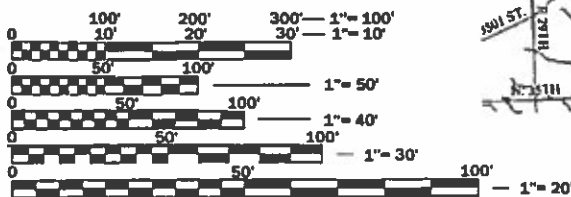
F.A.P. FILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	(126,127,129,130)G	KENDALL	6	1
ILLINOIS		CONTRACT NO. 66J61		

D-93-019-19



BEGIN IMPROVEMENT
LASALLE / KENDALL COUNTY LINE
LOG MILE 0.00

RURAL / URBAN
LOG MILE 15.70



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: JOE KANNEL P.E.
UNIT CHIEF: RON WOODSHANK
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66J61

END IMPROVEMENT
KENDALL / WILL COUNTY LINE
LOG MILE 18.70

GROSS LENGTH = 98, 736FT. = 18.70 MILES
NET LENGTH = 98,736 FT. = 18.70 MILES

FUNCTIONAL CLASSIFICATION

RURAL		
MINOR ARTERIAL		
F.A.P. ROUTE 607 (US 52)		
WEST OF R. 47		EAST OF R. 47
2017 ADT = 1250		2017 ADT = 4125
P.V. 82.0%	S.U. 8.1%	M.U. 9.9%
		P.V. 78.9%
		S.U. 7.2%
		M.U. 15.9%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12-11-2018
[Signature] REGIONAL ENGINEER
Feb 1 2019
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
Feb 20 2019
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS.

THE AGGREGATE SHOULDERS SHALL BE MADE IN A WORKMANLIKE MANNER AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON PLAN DETAILS.

THE AGGREGATE SHOULDERS SHALL BE CARRIED THROUGH ALL ENTRANCES AND SIDE ROADS WITH AGGREGATE SURFACE.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL 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.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

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
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COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Or Benmil*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 12-11-18

EXAMINED BY: *KBV*
DISTRICT CONSTRUCTION ENGINEER

Michael ASHA
DISTRICT MATERIALS ENGINEER

Tom H. Hoag
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = woodshankr	DESIGNED - RW	REVISED -
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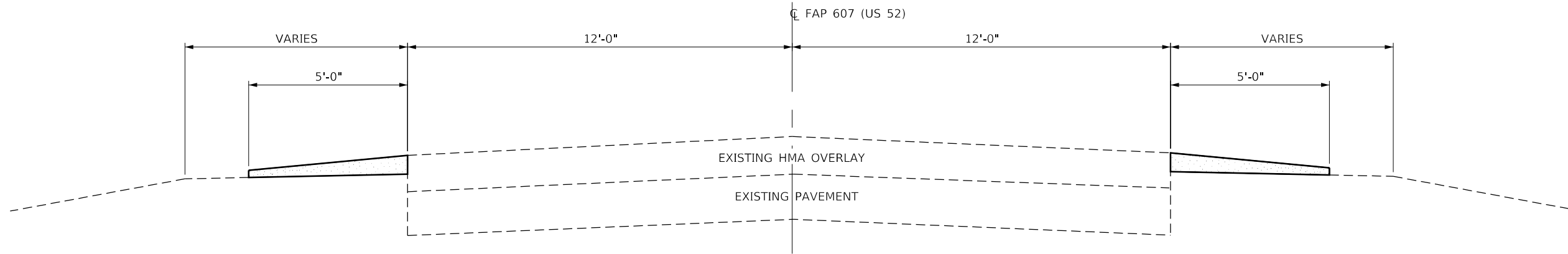
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

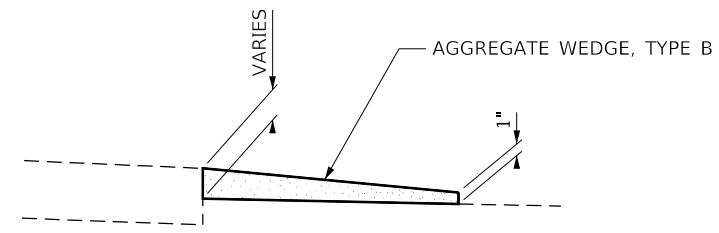
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	(126,127,129,130)G	KENDALL	6	2
CONTRACT NO. 66J61				
ILLINOIS FED. AID PROJECT				

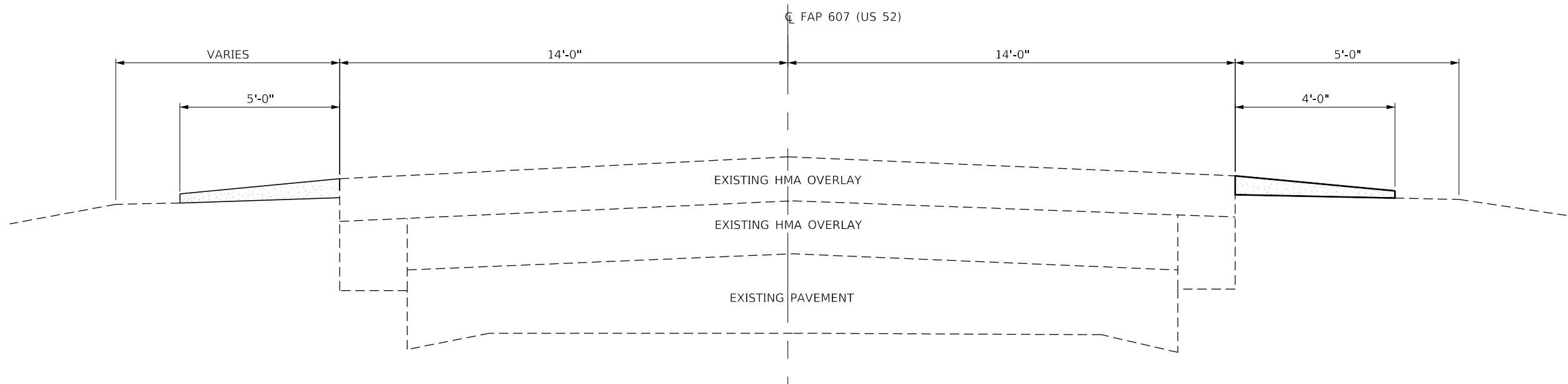
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE	
				100% STATE	
				ROADWAY	ROADWAY
				0021	0021
				RURAL	URBAN
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	8495	6035	2460
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42	



TYPICAL SECTION 1
LOG MILE 0.00 TO LOG MILE 9.50



SHOULDER DETAIL (TYPICAL)



TYPICAL SECTION 2
LOG MILE 9.50 TO LOG MILE 18.70

FILE NAME =	USER NAME = woodshank1	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default		CHECKED - EP	REVISED -		CONTRACT NO. 66J61							
	PLOT DATE = 12/6/2018	DATE - 8/24/2018	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

**SCHEDULE - AGGREGATE SHOULDERS
EASTBOUND LANES L.M. 0.00 TO L.M. 12.90 (RURAL)**

LOCATION			SHOULDER DIMENSIONS		AGGREGATE SHOULDERS
LOG MILE	-	LOG MILE	SHOULDER WIDTH (FT)	AVERAGE DEPTH (IN)	TYPE B TON
0.00	-	12.90			
0.00	-	1.41	5	2	352
1.41	-	1.90	5	1 5/8	101
1.90	-	3.17	5	2 1/4	300
3.17	-	4.40	5	1 5/8	263
4.40	-	5.20	5	1 5/8	168
5.20	-	6.00	5	2	207
6.00	-	9.50	5	2 1/6	954
9.50	-	10.90	5	2 1/6	346
10.90	-	11.90	5	1 5/9	182
11.90	-	12.90	5	1 1/2	200
SUBTOTAL					3073
TOTAL					3073

QUANTITIES HAVE BEEN ADJUSTED FOR SIDE ROADS, ENTRANCES, STRUCTURES AND CONSTRUCTION OMISSIONS

**SCHEDULE - AGGREGATE SHOULDERS
EASTBOUND LANE L.M. 12.90 TO L.M. 18.70 (URBAN)**

LOCATION			SHOULDER DIMENSIONS		AGGREGATE SHOULDERS
LOG MILE	-	LOG MILE	SHOULDER WIDTH (FT)	AVERAGE DEPTH (IN)	TYPE B TON
12.90	-	18.70			
12.90	-	13.80	5	1 1/2	224
13.80	-	14.80	5	1 5/8	268
14.80	-	16.30	5	1 3/4	405
16.30	-	17.80	5	1 1/2	357
17.80	-	18.70	5	2 1/8	271
SUBTOTAL					1525
TOTAL					1525

QUANTITIES HAVE BEEN ADJUSTED FOR SIDE ROADS, ENTRANCES, STRUCTURES AND CONSTRUCTION OMISSIONS

**SCHEDULE - AGGREGATE SHOULDERS
WESTBOUND LANE L.M. 18.70 TO L.M. 12.90 (URBAN)**

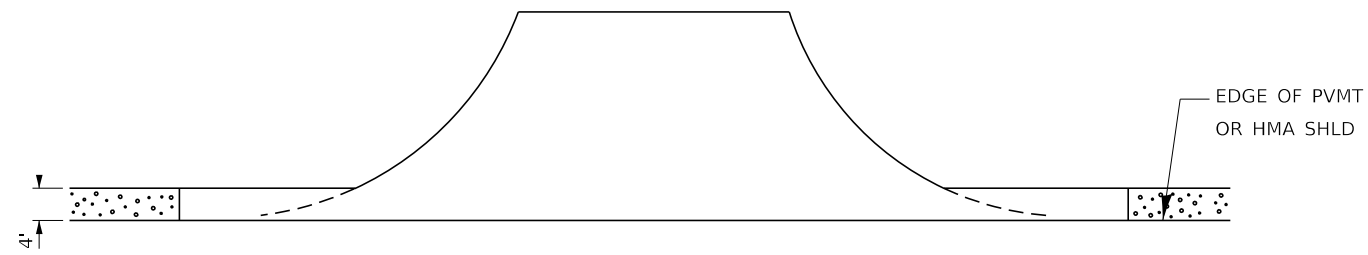
LOCATION			SHOULDER DIMENSIONS		AGGREGATE SHOULDERS
LOG MILE	-	LOG MILE	SHOULDER WIDTH (FT)	AVERAGE DEPTH (IN)	TYPE B TON
18.70	-	12.90			
18.70	-	17.80	5	2 1/8	287
17.80	-	16.80	5	1 1/2	229
16.80	-	15.00	5	1 3/4	498
15.00	-	13.80	5	1 5/8	307
13.80	-	12.90	5	1 1/2	228
SUBTOTAL					1549
TOTAL					1549

QUANTITIES HAVE BEEN ADJUSTED FOR SIDE ROADS, ENTRANCES, STRUCTURES AND CONSTRUCTION OMISSIONS

**SCHEDULE - AGGREGATE SHOULDERS
WESTBOUND LANE L.M. 12.90 TO L.M. 0.00 (RURAL)**

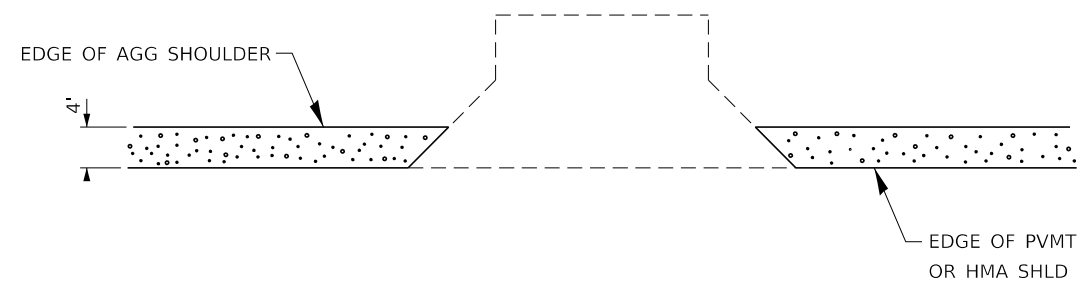
LOCATION			SHOULDER DIMENSIONS		AGGREGATE SHOULDERS
LOG MILE	-	LOG MILE	SHOULDER WIDTH (FT)	AVERAGE DEPTH (IN)	TYPE B TON
12.90	-	0.00			
12.90	-	11.90	5	1 1/2	249
11.90	-	10.90	5	1 1/2	227
10.90	-	9.50	5	2	398
9.50	-	8.50	5	2	276
8.50	-	6.90	5	2	482
6.90	-	5.20	5	1 5/8	415
5.20	-	4.40	5	1 5/8	212
4.40	-	3.00	5	2 3/8	534
3.00	-	1.90	5	1 7/8	335
1.90	-	1.41	5	1 7/8	151
1.41	-	0.00	5.00	1 7/8	425
SUBTOTAL					3704
TOTAL					3704

QUANTITIES HAVE BEEN ADJUSTED FOR SIDE ROADS, ENTRANCES, STRUCTURES AND CONSTRUCTION OMISSIONS

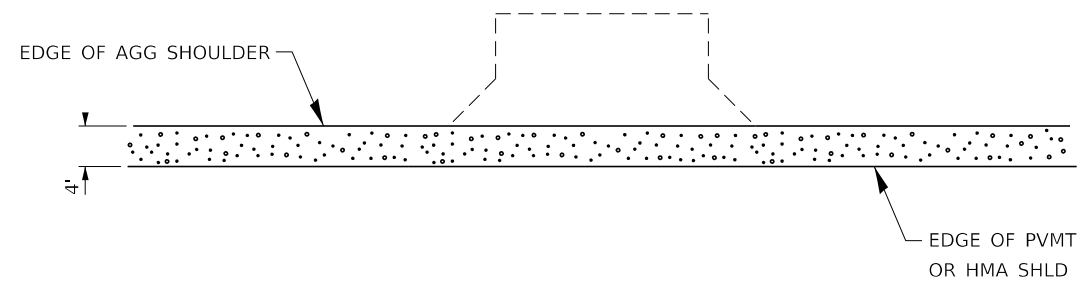


AGG SHOULDER IS NOT TO BE
PLACED AROUND SIDE ROAD RADII

PLAN AT SIDE ROADS



**PLAN AT PRIVATE & COMMERCIAL ENTRANCES
WITH PAVED SURFACE**



**PLAN AT PRIVATE & COMMERCIAL ENTRANCES
WITH AGGREGATE SURFACE**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	(126,127,129,130)G	KENDALL	6	6
CONTRACT NO. 66J61				
ILLINOIS		FED. AID PROJECT		