

03-06-2015 LETTING ITEM 115

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 828 (SPRING CREEK RD.)
SECTION D7 PAVT PRSV 2015-2

BITUMINOUS SURFACE TREATMENT A2
EFFINGHAM COUNTY

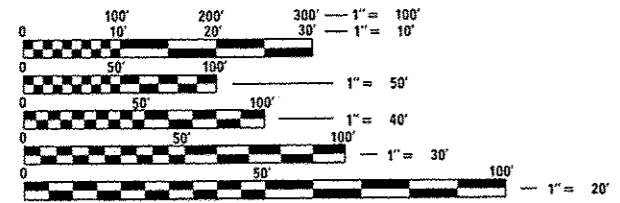
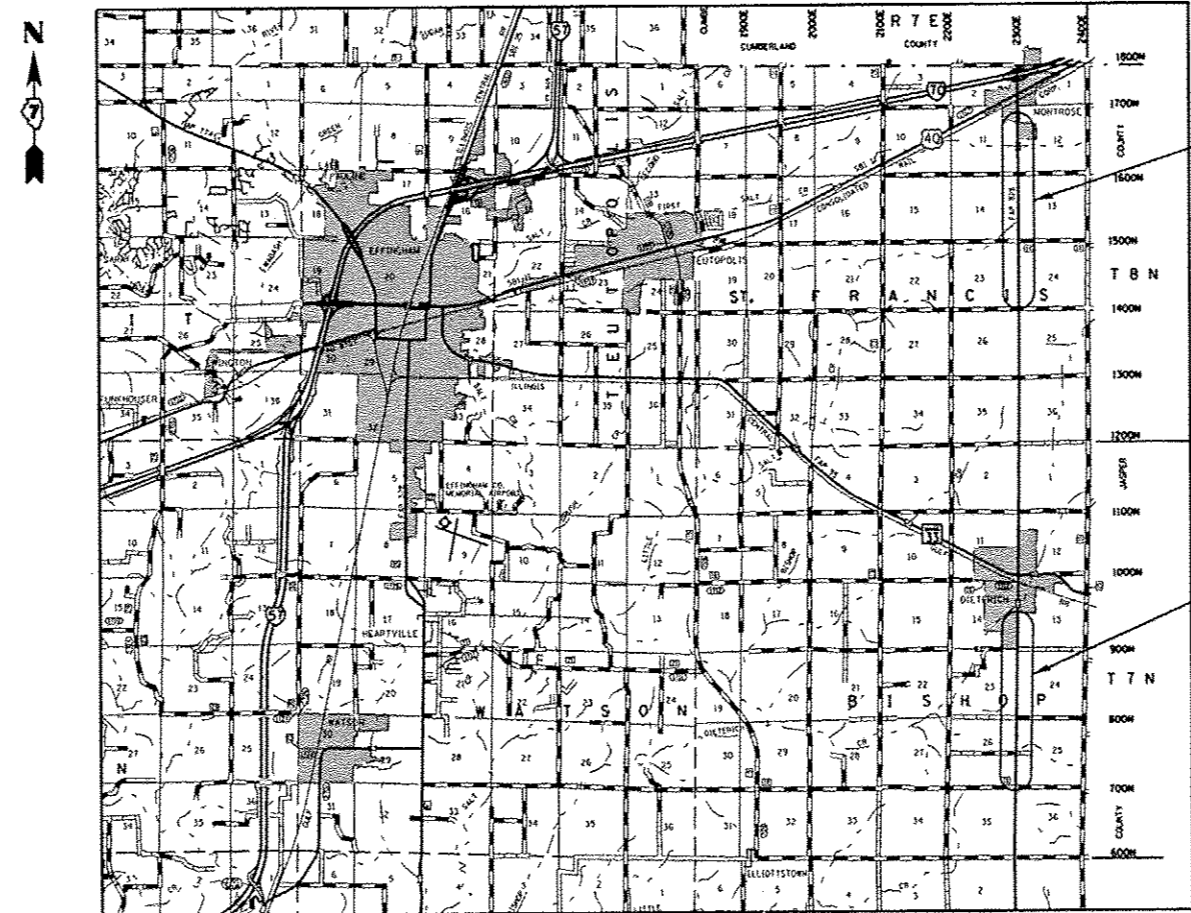
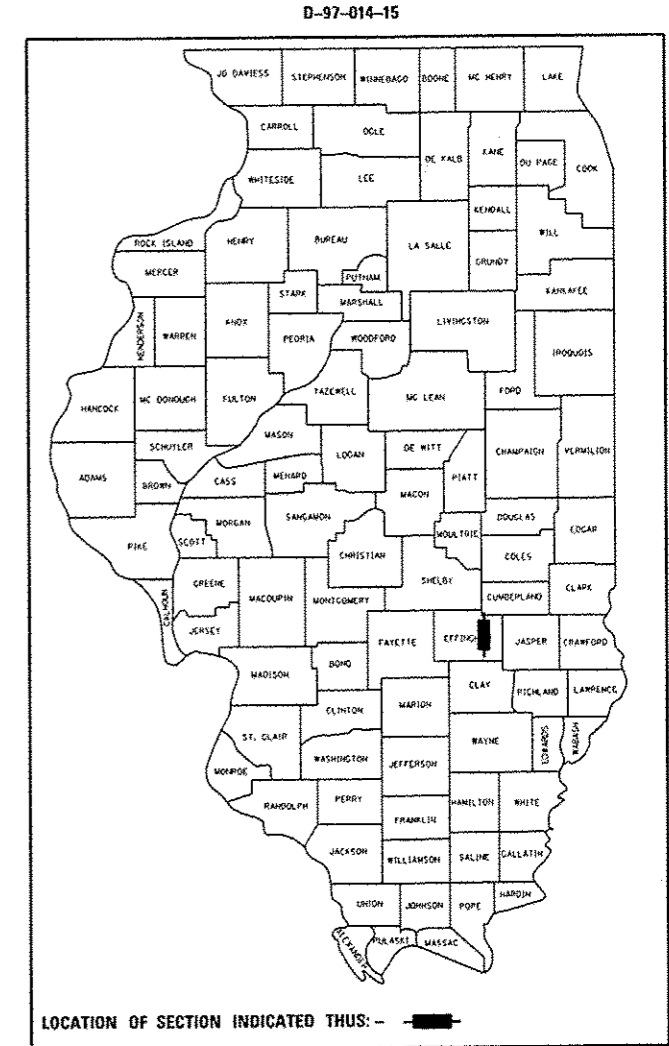
C-97-020-15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828	D7 PAVT PRSV 2015-2	EFFINGHAM	5	1
		ILLINOIS	CONTRACT NO. 74709	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT (2013) = 2100 (MONTROSE)

ADT (2013) = 1600 (DIETERICH)



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: MARK DAUGHERTY
PROJECT MANAGER: CHANDA TEASLEY

GROSS LENGTH = 31,528.0 FT. = 5.971 MILE
NET LENGTH = 31,528.0 FT. = 5.971 MILE

CONTRACT NO. 74709

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED DEC 19 20 14

Roger L. Oriskany
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 30 20 15
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 30 20 15
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND "THE SPECIAL PROVISIONS" INCLUDED IN THIS PROPOSAL.

THE PROPOSED WORK IS LOCATED ON TWO ROAD SEGMENTS IN EFFINGHAM COUNTY. LOCATION 1 IS ON FAP ROUTE 828, 0.5 MILES SOUTH OF THE RAILROAD IN MONTROSE TO 1400TH AVENUE. LOCATION 2 IS ALSO ON FAP ROUTE 828 FROM DIETERICH CREEK SOUTH OF DIETERICH TO 3.0 MILES SOUTH OF DIETERICH CREEK.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF APPLYING BITUMINOUS SURFACE TREATMENT A-2 TO BOTH LOCATIONS.

A FACTOR OF 25 LB/SQ YD IS USED TO FIGURE QUANTITIES FOR SEAL COAT AGGREGATE AND COVER COAT AGGREGATE IN THE A-2 SURFACE TREATMENT. A FACTOR OF 0.1 GALLONS PER SQUARE YARD IS USED TO FIGURE QUANTITIES FOR BITUMINOUS MATERIALS (PRIME COAT). A FACTOR OF 0.5 GALLONS PER SQUARE YARD IS USED TO FIGURE QUANTITIES FOR BITUMINOUS MATERIALS (COVER AND SEAL COATS). ACTUAL RATES SHALL BE AS DETERMINED BY THE ENGINEER.

A QUANTITY OF 10 TON HOT-MIX ASPHALT FOR PATCHING POTHOLES(COLD MIX) IS INCLUDED FOR THE REPAIR OF HOLES BEFORE THE SURFACE TREATMENTS ARE APPLIED.

THE QUANTITY FOR PAINT PAVEMENT MARKING LINE 4" CONSISTS OF 63,056 FEET WHITE AND 7,882 FEET YELLOW.

SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED AFTER COMPLETION OF THE COVER COAT AND AFTER COMPLETION OF THE SEAL COAT. SHORT-TERM PAVEMENT MARKING SHALL BE PAINT AND CONSIST OF 10' LONG CENTERLINE SKIP DASHES EVERY 40'. THE FINAL PERMANENT PAVEMENT MARKING SHALL BE APPLIED DIRECTLY OVER THE SHORT-TERM PAVEMENT MARKING.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	DESCRIPTION OF LOCATIONS & SCHEDULE OF QUANTITIES

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING SHEET NUMBER 5

701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME =	USER NAME = seelajok	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & INDEX OF SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\work\dat\seelajok\08412074\07	4209-ent-gennote.dgn	DRAWN -	REVISED -			828	07 PAVT PRSV 2015-2	EFFINGHAM	5	2	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74709		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 12/19/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

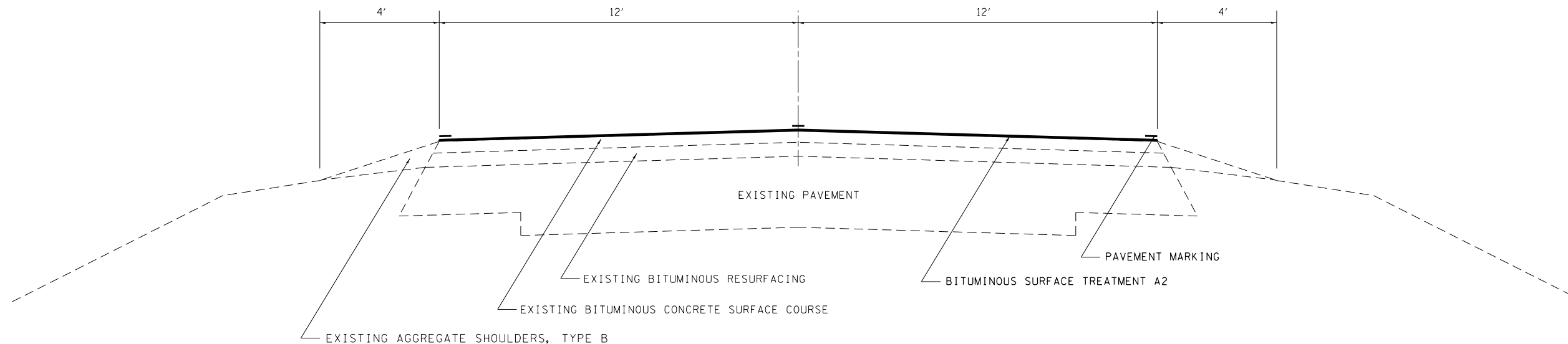
4007-5

0005
100% STATE

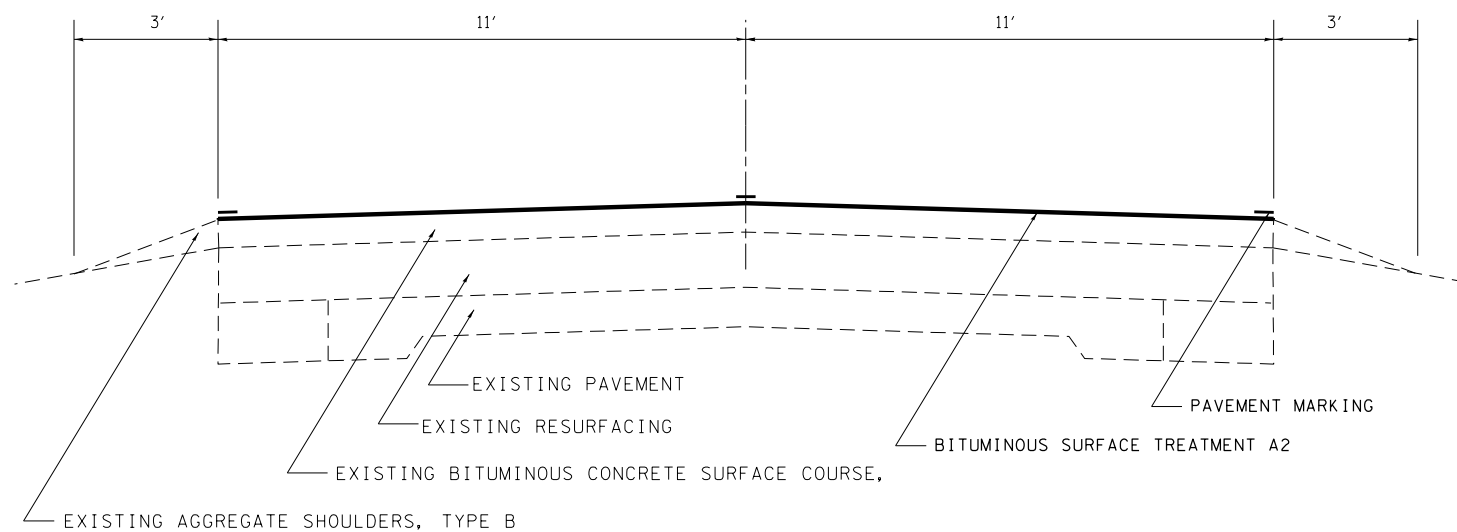
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 (LOCATION 1)	0005 (LOCATION 2)
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8054.2	4168.5	3885.7
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	80542.2	41685.3	38856.9
40300500	COVER COAT AGGREGATE	TON	1006.8	521.1	485.7
40300600	SEAL COAT AGGREGATE	TON	1006.8	521.1	485.7
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.5	0.5
	701306				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	15764	7816	7948
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	70938	35172	35766
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	70938	35172	35766
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	394	195	199
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	394	195	199
Z0005010	HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX)	TON	10	5	5
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	5		5

* SPECIALTY ITEM

FILE NAME =	USER NAME = teesiejok	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RATE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pvc\work\pav\dot\teesiejok\2014\2074\074709-ent-eaq.dgn	4709-ent-eaq.dgn	DRAWN -	REVISED -			828	DT PAVT PRSV 2015-2	EFFINGHAM	5	3	
Default	PLOT SCALE = 1/8" = 1' / 1/4"	CHECKED -	REVISED -			CONTRACT NO. 74709		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 12/19/2014	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.			



LOCATION 1
STA 7+00 TO STA 163+32 MONTROSE



LOCATION 2
STA 25+80 TO STA 184+76 DIETERICH

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
c:\pwork\pwork\teasleyck\d0413074\074709-sh-typical.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/19/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
828	D7 PAVT PRSV 2015-2	EFFINGHAM	5	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74709	

DESCRIPTION OF LOCATIONS

LOCATION	DESCRIPTION	COUNTY
1	0.5 MI SOUTH OF RR IN MONTROSE TO 1400TH AVE	EFFINGHAM
2	DIETERICH CREEK SOUTH OF DIETERICH TO 3.0 MI SOUTH OF DIETERICH CREEK	EFFINGHAM

SCHEDULE OF QUANTITIES

LOCATION	LENGTH	WIDTH	A-2 TREATMENT				SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING LINE, 4"	PAINT PAVEMENT MARKING LINE, 4"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	HMA FOR PATCHING POTHOLES (COLD MIX)
			BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	COVER COAT AGGREGATE	SEAL COAT AGGREGATE						
			40300100	40300300	40300500	40300600						
	FOOT	FOOT	GALLON	GALLON	TON	TON	FOOT	FOOT	FOOT	EACH	EACH	TON
1	15632	24	4168.5	41685.3	521.1	521.1	7816	35172	35172	195	195	5
2	15896	22	3885.7	38856.9	485.7	485.7	7948	35766	35766	199	199	5
		TOTALS	8054.2	80542.2	1006.8	1006.8	15764	70938	70938	394	394	10

PROTECTING OR RESETTING SURVEY MARKERS - LOCATION #2

PT. #	NORTHING	EASTING	CODE	STATION	OFFSET	EACH
500	858198.490	970773.640	345	139+28	0.0'	1
501	860931.156	970834.363	345	112+00	0.0'	1
502	863607.394	970876.787	345	85+00	0.0'	1
503	866283.783	970919.208	345	58+42	0.0'	1
504	871629.815	971000.862	808	5+01	0.0'	1
				TOTAL QUANTITY		5