

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	D9 CM Patch 2025-2	Jackson	10	1
		ILLINOIS	CONTRACT NO. 78B04	

*FAP 322/FAU 9710

D-99-010-25

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

11,800 ADT (2023) W/ 3.4% TRUCKS

TOWNSHIPS
CARBONDALE**PROPOSED
HIGHWAY PLANS**FAP 322/FAU 9710 (US 51)
D9 CM PATCH 2025-2**PATCHING
JACKSON COUNTY**

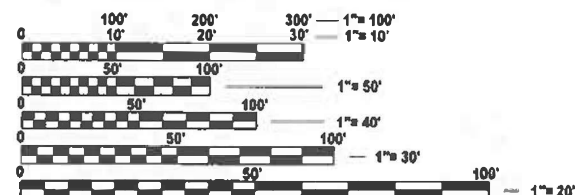
C-99-037-25



DESIGN DESIGNATION : N/A

COORDINATE SYSTEM : N/A

POSTED SPEED : 30 MPH

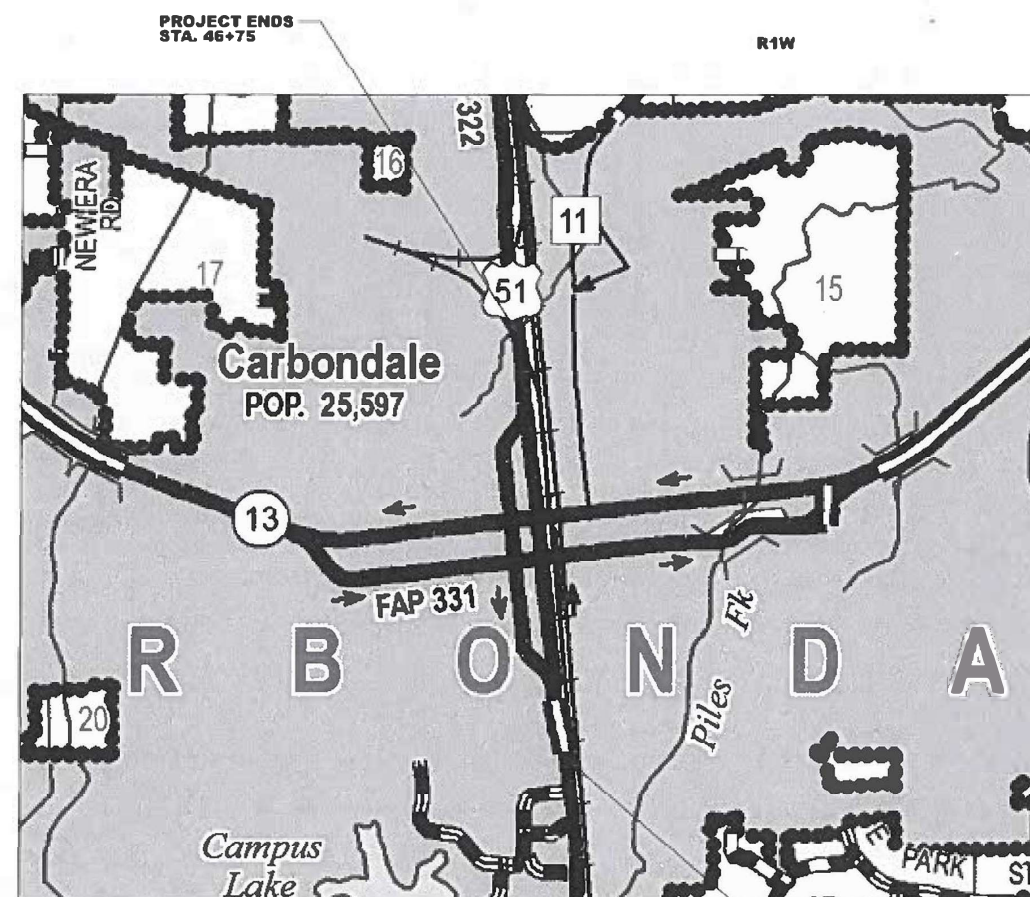


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SEAN GREENLEE
PROJECT DESIGNER: TRISTEN REID

CONTRACT NO. 78B04



GROSS LENGTH = 10,633 FT. = 2.01 MILES
NET LENGTH = 10,633 FT. = 2.01 MILES

T95

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 3 20 25
Lura S. Remington REGIONAL ENGINEER
May 9 2025
Sean Greenlee ENGINEER OF DESIGN AND ENVIRONMENT
May 9 2025
Tristen Reid DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

REV - MS

MODEL: Signature Sheet [Sheet]
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USER NAME = Tristen.reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/11/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 CM Patch 2025-2	Jackson	10	2
CONTRACT NO. 78B04				
ILLINOIS FED. AID PROJECT				

*FAP 322/FAU 9710

Prepared By: Susan Re
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Ho
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car M
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Z G
DISTRICT OPERATIONS ENGINEER

Examined By:
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Brenda Wilk
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aan Darg
DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES, INDEX OF SHEETS, STANDARDS
4-5	SUMMARY OF QUANTITIES
6-10	SCHEDULES

GENERAL NOTES

THE QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. THE LOCATIONS OF THE PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

IF ANY STAMPED STATION FALL WITHING THE PATCH AREA, THE NEW PATCH SHALL BE RESTAMPED. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2" TALL OF A DESIGN APPROVED BY THE ENGINEER, AND THEY SHALL REMAIN IN THE PROPERTY OF THE CONTRACTOR.

QUANTITIES SHOWN IN THE PLANS FOR PAVEMENT MARKINGS ARE ESTIMATES. THE ACTUAL AMOUNT OF PAVEMENT MARKINGS REQUIRED WILL BE DETERMINED BY THE ENGINEER.

COMMITMENTS: NONE

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 442101-09 CLASS B PATCHES
- 483001-06 PCC SHOULDER
- 606001-08 CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
- 606301-04 PC CONCRETE ISLANDS & MEDIANS
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15 FT TO 24 IN FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN15 FT AWAY
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS 40 MPH OR LESS
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701611-01 URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-10 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

REV - MS

MODEL: Gen Notes [Sheet]
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		DRAWN -	REVISED -						*	D9 CM Patch 2025-2	Jackson	10	3
		CHECKED -	REVISED -						CONTRACT NO. 78B04				
	PLOT DATE = 2/11/2025	DATE -	REVISED -		SCALE:				SHEET 1	OF 1	SHEETS	STA.	TO STA.
					ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES

COUNTY:	JACKSON CO
ROUTE:	FAP 322/FAU 9710
FUNDING:	100% STATE
LOCATION:	URBAN
TOTAL QUANTITY	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	7	7
42000060	WELDED WIRE REINFORCEMENT	SQ YD	1,025	1,025
42001300	PROTECTIVE COAT	SQ YD	340	340
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	92	92
44003100	MEDIAN REMOVAL	SQ FT	195	195
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	628	628
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	19	19
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	1,007	1,007
44201299	DOWEL BARS 1 1/2"	EACH	2,124	2,124
44213200	SAW CUTS	FOOT	4,762	4,762
44213204	TIE BARS 3/4"	EACH	689	689
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	281	281
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	92	92

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		DRAWN -	REVISED -						*	D9 CM Patch 2025-2	Jackson	10	4
		CHECKED -	REVISED -						CONTRACT NO. 78B04				
	PLOT DATE = 2/11/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

			COUNTY:	JACKSON CO
			ROUTE:	FAP 322/FAU 9710
			FUNDING:	100% STATE
			LOCATION:	URBAN
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
				0005
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	195	195
67100100	MOBILIZATION	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,474	2,474
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	825	825
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,474	2,474
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

* SPECIALTY ITEM

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		DRAWN -	REVISED -					*	D9 CM Patch 2025-2	Jackson	10	5
		CHECKED -	REVISED -					CONTRACT NO. 78B04				
	PLOT DATE = 2/11/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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PATCHING SCHEDULE (1 OF 4)												
US 51 CARBONDALE NORTHBOUND DRIVING LANE												
PATCH NO.	WIDTH	LENGTH	AREA	SAW CUTS	PATCHING CLASS B TYPE II	PATCHING CLASS B TYPE III	PATCHING CLASS B TYPE IV	WELDED WIRE REINFORCEMENT	TIE BARS, 3/4"	DOWEL BARS, 1 1/2"	PAINT PAVEMENT MARKING, 4"	COMMENTS
	FOOT	FOOT	SQ YD	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	FOOT	
												SOUTH END
1	12	75	100	186			100	100	48	20	150	
2	12	6	8	42	8					20	12	
3	12	10	13.333	54	13					20	20	
4	12	6	8	42	8					20	12	
5	12	6	8	42	8					20	12	
												MILL ST.
												RESURFACED SECTION
												IL 13 EB
6	12	8	10.67	48	11					20	16	
												IL 13 WB
7	12	20	26.67	76			27	27		20	40	
8	12	8	10.67	48	11					20	16	
												BARE CONCRETE NORTH END
9	12	6	8	42	8					20	12	
10	12	6	8	42	8					20	12	
11	12	6	8	42	8					20	12	
												WILLOW ST.
12	12	6	8	42	8					20	12	
13	12	6	8	42	8					20	12	
14	12	6	8	42	8					20	12	
15	12	6	8	42	8					20	12	
16	12	6	8	42	8					20	12	
17	12	6	8	42	8					20	12	
18	12	6	8	42	8					20	12	
												RAILROAD
19	12	6	8	42	8					20	12	
20	12	6	8	42	8					20	12	
												RAILROAD
21	12	6	8	42	8					20	12	
22	12	6	8	42	8					20	12	
23	12	6	8	42	8					20	12	
24	12	6	8	42	8					20	12	
25	12	6	8	42	8					20	12	
26	12	6	8	42	8					20	12	
27	12	6	8	42	8					20	12	
28	15	6	10	48	10					24	12	
29	15	6	10	48	10					24	12	
30	12	6	8	42	8					20	12	
SHEET - TOTALS				1474	239	0	127	127	48	608	542	

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		DRAWN -	REVISED -						*	D9 CM Patch 2025-2	Jackson	10	6
		CHECKED -	REVISED -		SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.				CONTRACT NO. 78B04				
	PLOT DATE = 2/11/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

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PATCHING SCHEDULE (2 OF 4)												
US 51 CARBONDALE NORTHBOUND PASSING LANE												
PATCH NO.	WIDTH	LENGTH	AREA	SAW CUTS	PATCHING CLASS B TYPE II	PATCHING CLASS B TYPE III	PATCHING CLASS B TYPE IV	WELDED WIRE REINFORCEMENT	TIE BARS, 3/4"	DOWEL BARS, 1 1/2"	PAINT PAVEMENT MARKING, 4"	COMMENTS
	FOOT	FOOT	SQ YD	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	FOOT	
												SOUTH END
1	12	75	100	186			100	100	48	20	150	
2	12	75	100	186			100	100	48	20	150	LEFT TURN LANE
3	12	6	8	42	8					20	12	
4	12	10	13.33	54	13					20	20	
5	12	6	8	42	8					20	12	
												MILL ST.
												IL 13 EB
												IL 13 WB
6	12	20	26.67	76			27	27	6	20	40	BARE CONCRETE NORTH END
7	12	6	8	42	8					20	12	
8	12	6	8	42	8					20	12	
												WILLOW ST.
9	12	6	8	42	8					20	12	
10	12	6	8	42	8					20	12	
11	12	6	8	42	8					20	12	
12	12	6	8	42	8					20	12	
13	12	6	8	42	8					20	12	
												RAILROAD
14	12	6	8	42	8					20	12	
15	12	6	8	42	8					20	12	
												RAILROAD
16	12	6	8	42	8					20	12	
17	12	6	8	42	8					20	12	
18	12	6	8	42	8					20	12	
19	12	6	8	42	8					20	12	
SHEET - TOTALS				1132	133	0	227	227	102	380	540	

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PATCHING SCHEDULE (3 OF 4)												
US 51 CARBONDALE SOUTHBOUND DRIVING LANE												
PATCH NO.	WIDTH	LENGTH	AREA	SAW CUTS	PATCHING CLASS B TYPE II	PATCHING CLASS B TYPE III	PATCHING CLASS B TYPE IV	WELDED WIRE REINFORCEMENT	TIE BARS, 3/4 "	DOWEL BARS, 1 1/2 "	PAINT PAVEMENT MARKING, 4 "	COMMENTS
	FOOT	FOOT	SQ YD	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	FOOT	
												NORTH END
1	12	6	8	42	8					20	12	
2	12	6	8	42	8					20	12	
3	12	8	10.67	48	11					20	16	
4	12	6	8	42	8					20	12	
5	12	6	8	42	8					20	12	
6	12	6	8	42	8					20	12	
7	12	6	8	42	8					20	12	
												READY MIX RD.
8	12	6	8	42	8					20	12	
9	12	6	8	42	8					20	12	
10	12	6	8	42	8					20	12	
												RAILROAD RAILROAD
11	12	6	8	42	8					20	12	
12	12	20	26.67	76			27	27	6	20	40	RESURFACED SECTION AT IL 13 WB ASPHALT TO CONCRETE MILL ST.
13	12	10	13.33	54	13					20	20	
14	12	8	10.67	48	11					20	16	
15	12	8	10.67	48	11					20	16	
16	12	6	8	42	8					20	12	
17	12	40	53.33	116			53	53	25	20	80	
18	12	6	8	42	8					20	12	
19	12	75	100	186			100	100	48	20	150	SOUTH END
20	12	100	133.333	236			133	133	65	20	200	MILL ST. BETWEEN NB/SB IL 51
21	12	100	133.333	236			133	133	65	20	200	
SHEET - TOTALS				1080	141	0	447	447	209	420	882	

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		DRAWN -	REVISED -						*	D9 CM Patch 2025-2	Jackson	10	8
		CHECKED -	REVISED -						CONTRACT NO. 78B04				
	PLOT DATE = 2/11/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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PATCHING SCHEDULE (4 OF 4)												
US 51 CARBONDALE SOUTHBOUND PASSING LANE												
PATCH NO.	WIDTH	LENGTH	AREA	SAW CUTS	PATCHING CLASS B TYPE II	PATCHING CLASS B TYPE III	PATCHING CLASS B TYPE IV	WELDED WIRE REINFORCEMENT	TIE BARS, 3/4"	DOWEL BARS, 1 1/2"	PAINT PAVEMENT MARKING, 4"	COMMENTS
	FOOT	FOOT	SQ YD	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	FOOT	
												NORTH END
1	12	6	8	42	8					20	12	
2	12	6	8	42	8					20	12	
3	12	6	8	42	8					20	12	
4	12	6	8	42	8					20	12	
5	12	6	8	42	8					20	12	
												READY MIX RD.
6	12	6	8	42	8					20	12	
7	12	6	8	42	8					20	12	
8	12	6	8	42	8					20	12	
												RAILROAD
												RAILROAD
9	12	6	8	42	8					20	12	
10	12	6	8	42	8					20	12	
11	12	6	8	42	8					20	12	
12	12	6	8	42	8					20	12	
												RESURFACED SECTION
13	12	20	26.67	76			27	27	6	20	40	AT IL 13 WB
												ASPHALT TO CONCRETE
												MILL ST.
14	12	14	18.67	64		19		19		20	28	
15	12	8	10.67	48	11					20	16	
16	12	6	8	42	8					20	12	
17	12	60	80	156			80	80	38	20	120	
18	12	75	100	186			100	100	48	20	150	SOUTH END
SHEET - TOTALS				1076	115	19	207	225	92	360	510	
TOTALS				4762	628	19	1007	1025	451	1768	2474	

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MEDIAN SCHEDULE									
LOCATION STATION TO STATION			COMB. CONCRETE CURB & GUTTER REMOVAL	MEDIAN REMOVAL	CCC&G, TYPE B- 6.24	CONCRETE MEDIAN SURFACE, 4"	PROTECTIVE COAT	TIE BARS, 3/4"	COMMENTS
US 51			FOOT	SQ FT	FOOT	SQ FT	SQ YD	EACH	
452+10	TO	452+38	57	100	57	100	30	19	MEDIAN APPROX. 300' NORTH OF LINCOLN DRIVE
456+80	TO	457+00	35	95	35	95	22	12	MEDIAN REPAIR APPROX. 500' SOUTH OF GRAND AVE.
TOTALS			92	195	92	195	52	31	

SHOULDER SCHEDULE														
LOCATION STATION TO STATION							LENGTH	WIDTH	PORTLAND CEMENT CONCRETE SHOULDERS, 9"	EXCAVATING AND GRADING EXISTING	TIE BARS, 3/4"	PROTECTIVE COAT	COMMENTS	
US 51							FOOT	FOOT	SQ YD	UNITS	EACH	SQ YD		
STA.	39+63	RT	TO	STA.	42+21	RT	258	4	115	3	85	115	PROP. SHOULDER BEGINS AT THE END OF EXISTING CCC&G APPROX 100' NORTH OF 2ND STREET	
STA.	42+21	RT	TO	STA.	42+73	RT	52						GAP SOUTHERN ENTRANCE	
STA.	42+73	RT	TO	STA.	44+38	RT	165	4	74	2	54	74		
STA.	44+38	RT	TO	STA.	44+69	RT	31						GAP NORTHERN ENTRANCE	
STA.	44+69	RT	TO	STA.	46+75	RT	206	4	92	2	68	92		
TOTALS							629		281	7	207	281		