

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D9 CM PAVEMENT REPAIR 2013-1	GALLATIN	7	1
		ILLINOIS	CONTRACT NO. 78299	

06-15-12 LETTING ITEM 165

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

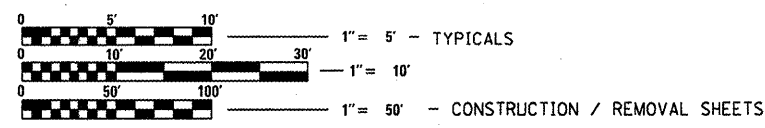
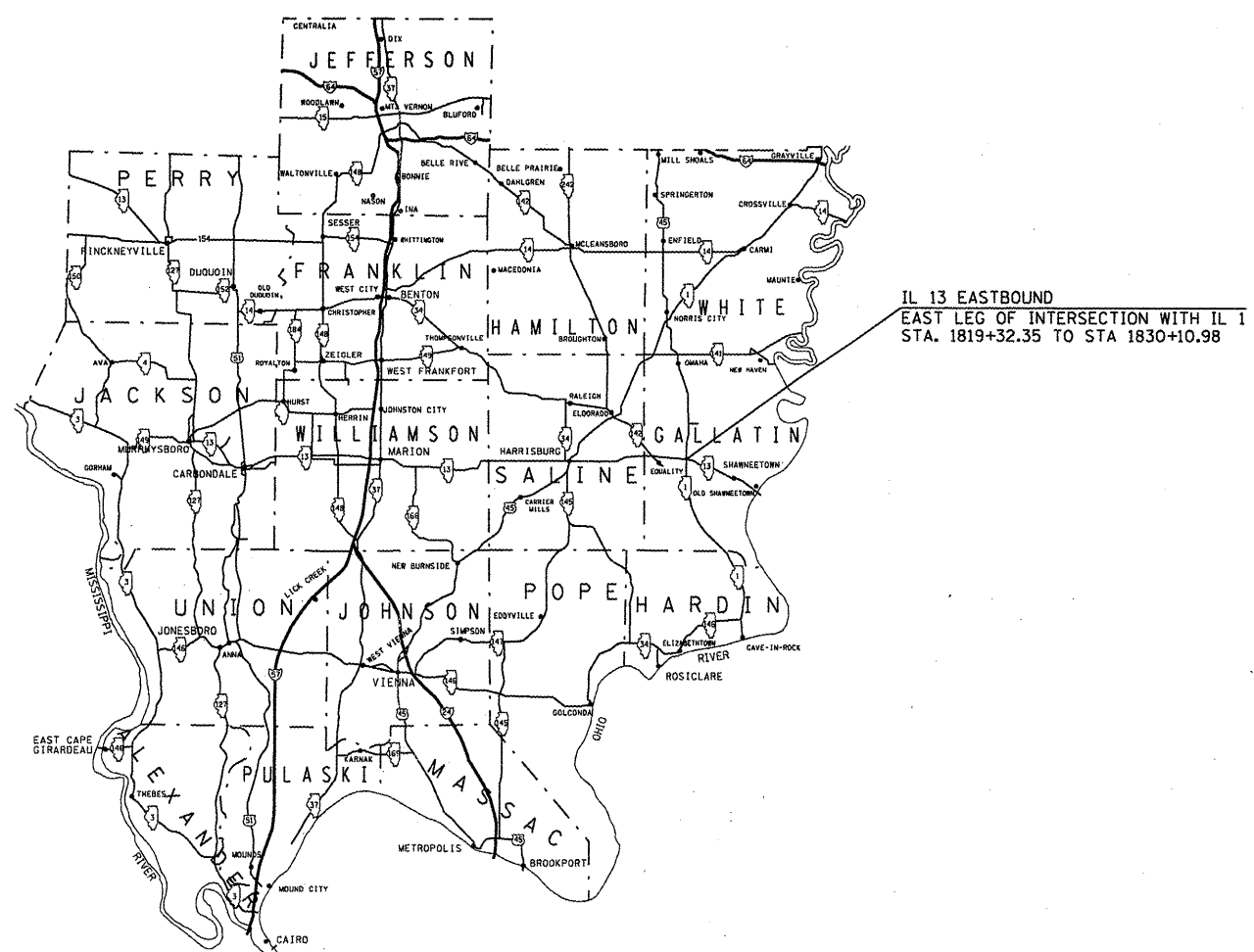
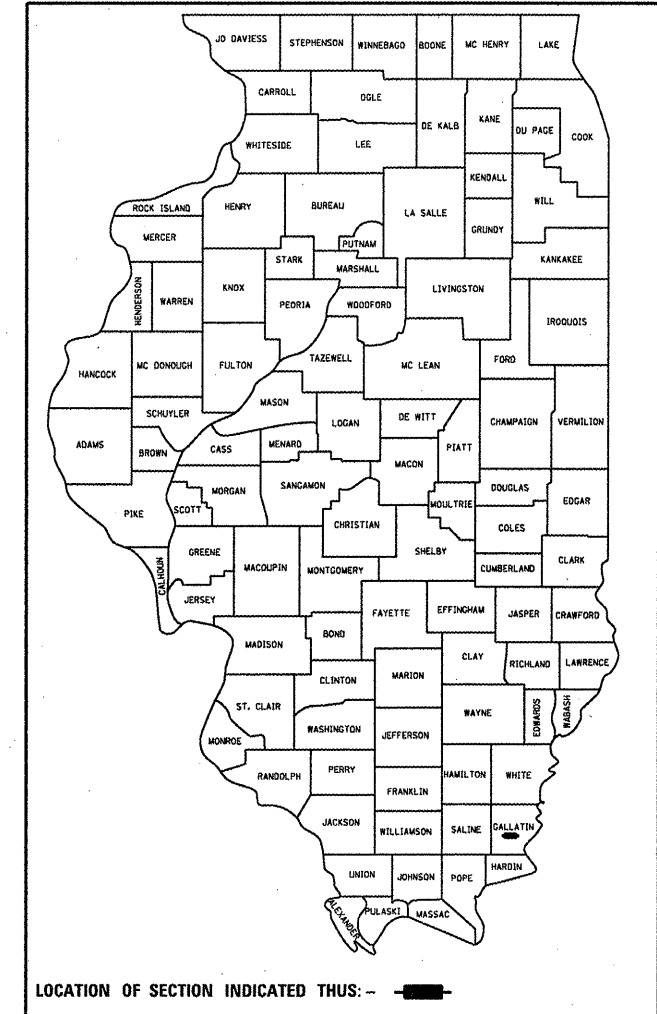
ROUTE IL 13 (FAP 331)
SECTION D9 CM PAVEMENT REPAIR 2013-1

INTERSECTION IMPROVEMENT
COUNTY GALLATIN

C-99-027-12

FOR INDEX OF SHEETS, SEE SHEET NO. 2

LOCATION	ADT(2012)	SU	MU
IL 13 E OF IL 1 (GALLATIN CO.)	7,250	150	2,850



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 MANAGER SUSAN POE

GROSS LENGTH = 1079 FT. = 0.20 MILE
NET LENGTH = 1079 FT. = 0.20 MILE

CONTRACT NO. 78299

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 5 2012
Omer Osman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11 2012
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 11 2012
William R. Frawley
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHT NO	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, MIXTURES REQUIREMENTS
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6	SCHEDULES OF QUANTITIES
7	PROPOSED REMOVAL AND CONSTRUCTION

GENERAL NOTES

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
 ALL HOT MIX ASPHALT 2.016 TONS/CU YD
 ALL AGGREGATE 2.05 TONS/CU YD
 BITUMINOUS MATERIALS:
 ON PAVEMENT 0.09 GAL/SQ YD
 INTERMEDIATE LIFTS (FOG COATS) 0.04 GAL/SQ YD
 ON AGGREGATE SURFACE 0.32 GAL/SQ YD
 AGGREGATE (PRIME COAT) 0.0015 TONS/SQ YD
 RIPRAP 1.50 TONS/CU YD
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT, SURFACE COURSE, AND BINDER COURSE.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- FORMS FOR COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
- A QUANTITY OF 100 FT OF COMBINATION CURB AND GUTTER, TYPE M-6.06 HAS BEEN ESTIMATED FOR THE MEDIAN OF IL 13 EAST OF IL 1. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
483001-04	PCC SHOULDER
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L 2W, MORE THAN 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L 2W, 15' (4.5m) to 24" (600 mm) FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701206-03	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS

BLR 21-09

COMMITMENTS:

NONE

Prepared By:	<i>Joe Zlaniewicz</i> DISTRICT STUDIES & PLANS ENGINEER
Examined By:	<i>Janet's Eng</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>Carrie Nels</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>Neil Kelly</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>Daryl J. Nishik</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>Bruce W. Pebles</i> DISTRICT MATERIALS ENGINEER
Examined By:	<i>K. K.</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Approved By:	<i>Onur Osman</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER
DATE	April 2 2012

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION TYPE CODE-0005	
		FUNDING 100% STATE	
		UNIT	QUANTITY
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	2181
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	39
31200100	STABILIZED SUB-BASE 4"	SQ YD	1971
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	1813
44000100	PAVEMENT REMOVAL	SQ YD	1813
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	100
44004250	PAVED SHOULDER REMOVAL	SQ YD	420
48101200	AGGREGATE SHOULDERS, TYPE B	TON	282
48300510	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	SQ YD	315
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	100
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100455	TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	L SUM	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3

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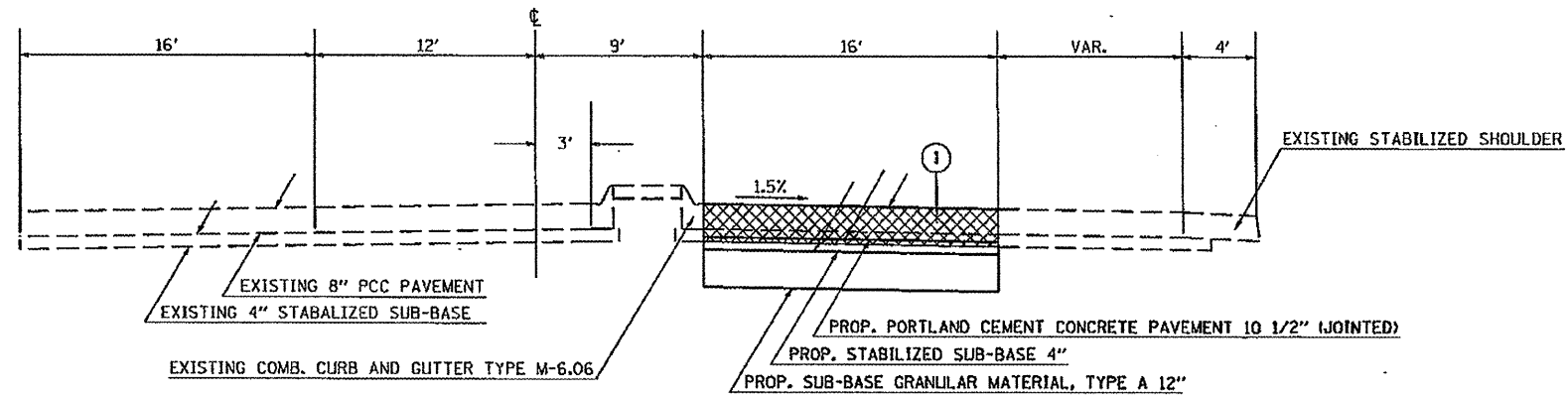
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

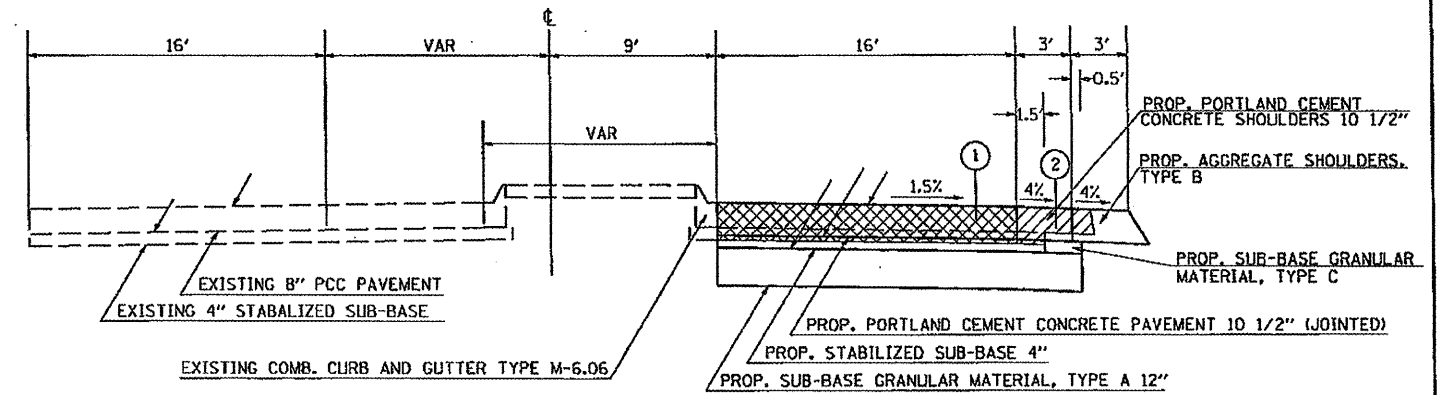
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	09 CM PAVEMENT REPAIR 2013-1	GALLATIN	7	3
CONTRACT NO. 78299			ILLINOIS FED. AID PROJECT	

TYPICAL SECTIONS

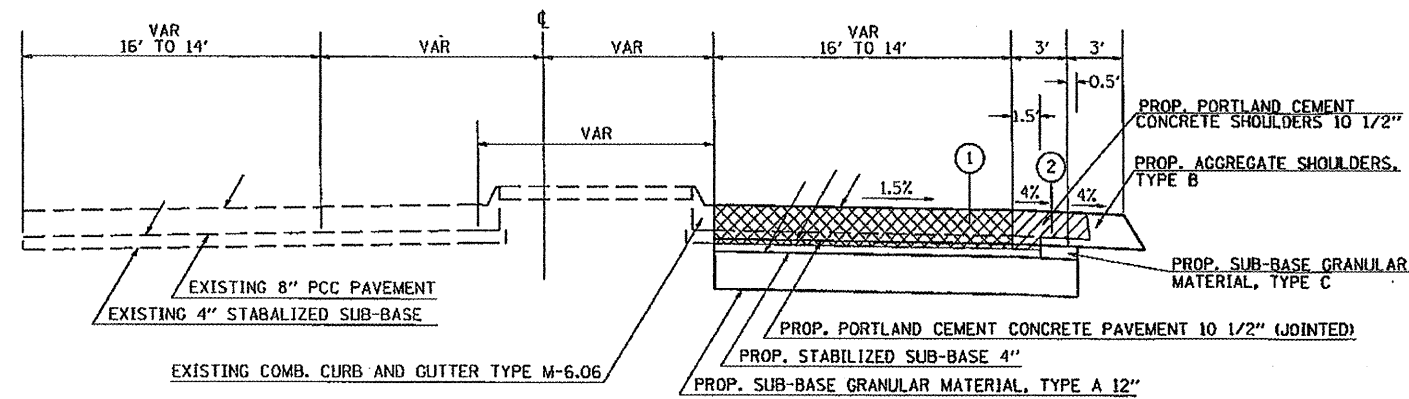


TO BE USED:
STA 1819+32.35 TO STA 1822+38.63

- ① - PROP. PAVEMENT REMOVAL
- ② - PROP. PAVED SHOULDER REMOVAL



TO BE USED:
STA 1820+67.89 TO STA 1825+00



TO BE USED:
STA 1825+00 TO STA 1830+10.98

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D9 CM PAVEMENT REPAIR 2013-1	GALLATIN	7	5
CONTRACT NO. 78299				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

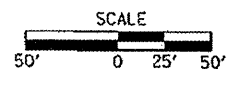
LOCATION STATION TO STATION	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	REMARKS
IL 13	SQ YD	SQ YD	FOOT	
1819+32.35 TO 1820+67.89	241			
1820+67.89 TO 1825+00	768	193		
1825+00 TO 1830+10.98	804	227		
POSSIBLE CURB AND GUTTER			100	REMOVAL AND REPLACEMENT TO BE USED AS DIRECTED BY THE ENGINEER
SUBTOTALS	1813	420	100	

PAVEMENT AND SHOULDER SCHEDULE

LOCATION STATION TO STATION	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SUBBASE GRANULAR MATERIAL, TYPE C	AGGREGATE SHOULDERS, TYPE B	STABILIZED SUB-BASE 4"	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	REMARKS
IL 13	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	FOOT	
1819+32.35 TO 1820+67.89	241			241	241			
1820+67.89 TO 1825+00	936	18	129	840	768	144		
1825+00 TO 1830+10.98	1004	21	153	890	804	171		
POSSIBLE CURB AND GUTTER							100	REMOVAL AND REPLACEMENT TO BE USED AS DIRECTED BY ENGINEER
SUBTOTALS	2181	39	282	1971	1813	315	100	

PAVEMENT MARKING SCHEDULE

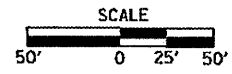
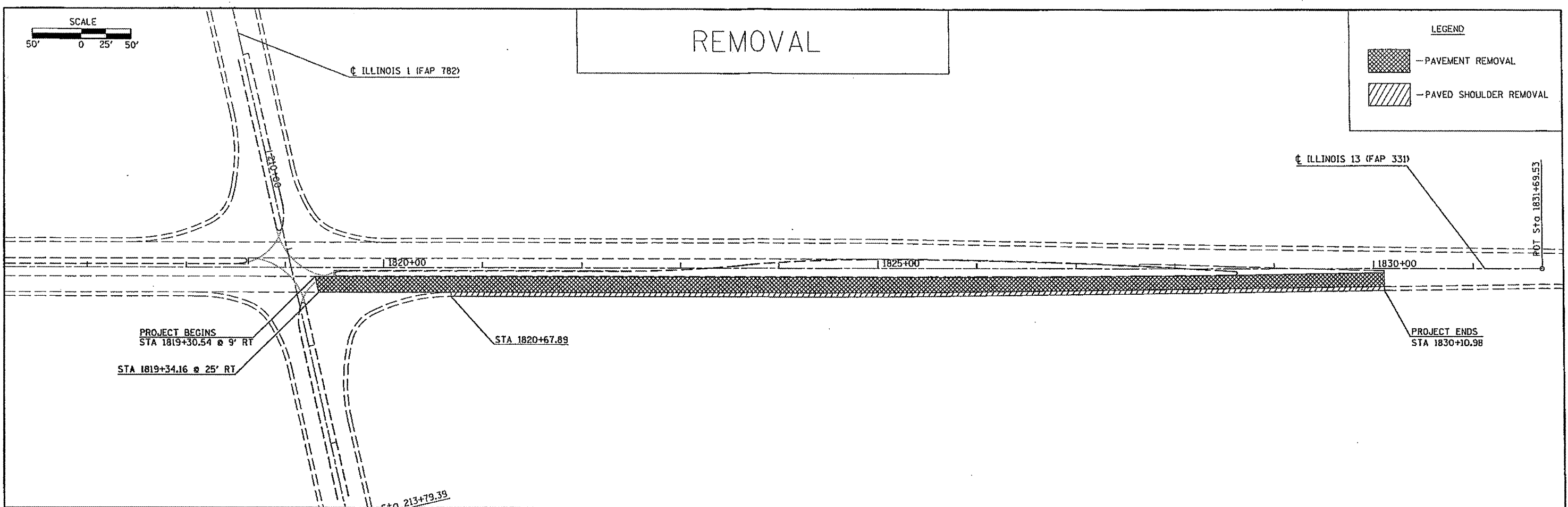
LOCATION STATION TO STATION	PAINT PAVEMENT MARKING - LINE 4"		REMARKS
	WHITE SOLID	YELLOW SOLID	
IL 13	FOOT	FOOT	
1819+50 TO 1830+11		1061	INSIDE EOP
1820+68 TO 1830+11	943		OUTSIDE EOP
TOTALS	943	1061	
	2004		



REMOVAL

LEGEND

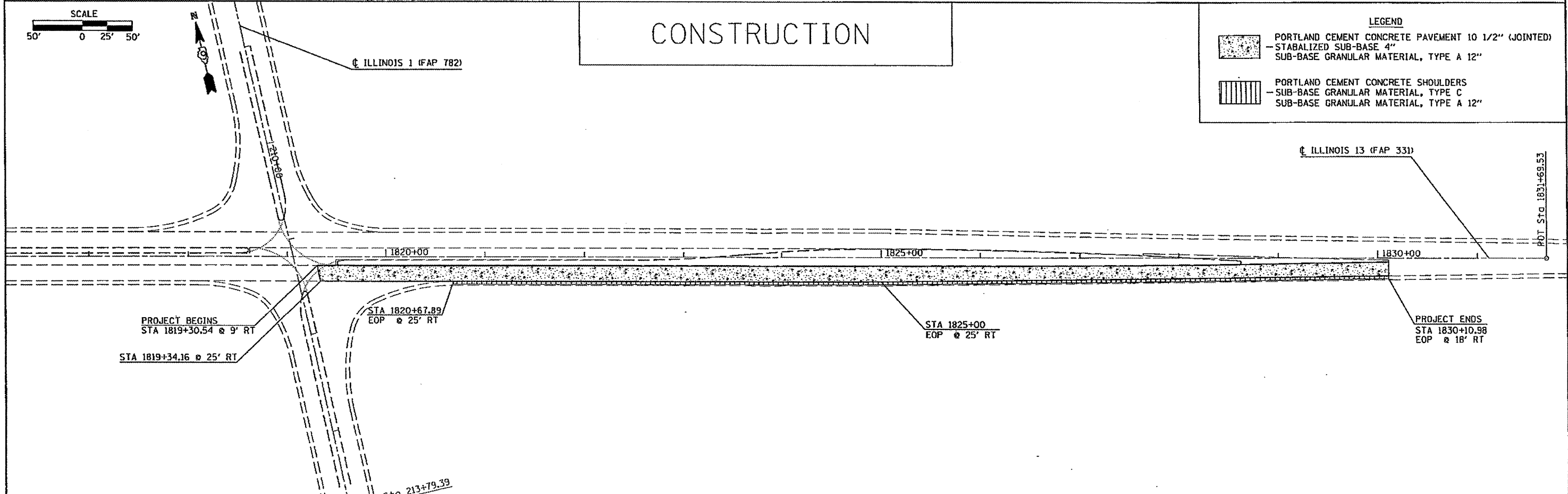
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL



CONSTRUCTION

LEGEND

- PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- STABILIZED SUB-BASE 4"
- SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- PORTLAND CEMENT CONCRETE SHOULDERS
- SUB-BASE GRANULAR MATERIAL, TYPE C
- SUB-BASE GRANULAR MATERIAL, TYPE A 12"



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL / CONSTRUCTION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	09 CM PAVEMENT REPAIR 2013-1	GALLATIN	7	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78299	