

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D9 CM PATCH 2014-1

PAVEMENT PATCHING AND REPLACEMENT GALLATIN & WHITE COUNTIES

C-99-026-13

INDEX OF SHEETS

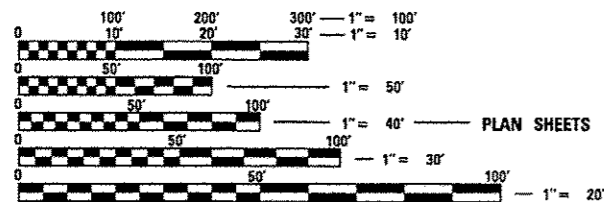
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURES
3	LISTING OF HIGHWAY STANDARDS, GENERAL NOTES
4 - 6	SUMMARY OF QUANTITIES
7 - 11	TYPICAL SECTIONS
12 - 14	SCHEDULES OF QUANTITIES
15	LOCATION 1 - PLAN SHEET
16	LOCATION 1 - DETOUR PLAN
17	LOCATION 2 - LOCATION MAP HIGHWAY STANDARDS

TRAFFIC DATA (2011)

LOCATION	ADT	% TRUCKS
IL 142 NORTH OF IL 13	3,900	40.5%
IL 142 SOUTH OF IL 13	1,350	5.9%
IL 13 EAST OF IL 142	5,950	31.9%
IL 1 NORTH OF I-64	6,450	17.0%

TOWNSHIPS

EQUALITY
GRAY

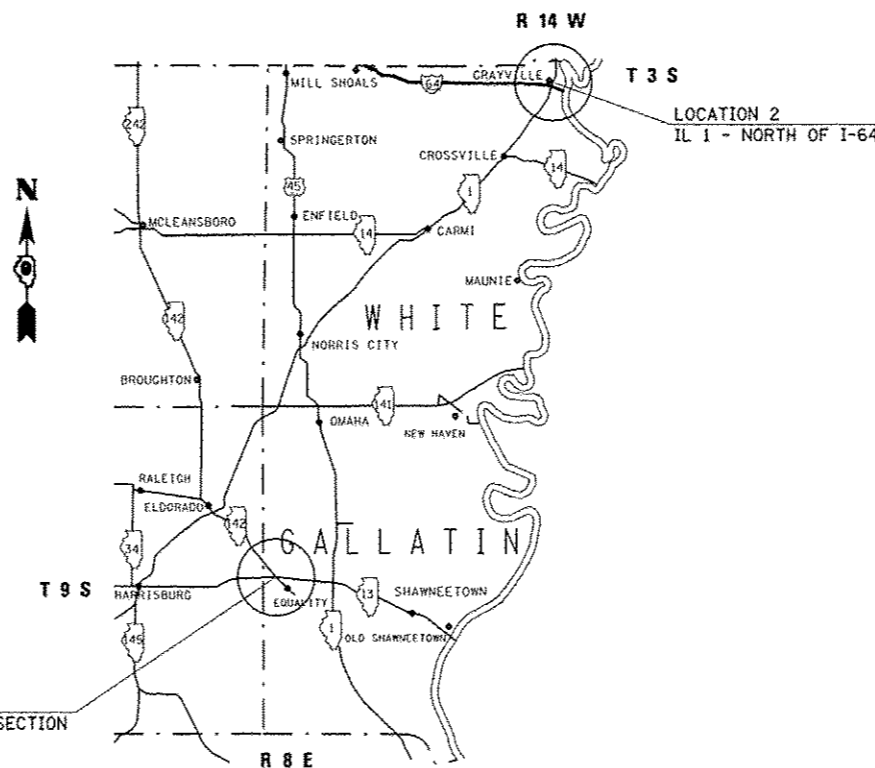


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT DESIGNER - HOWARD THOMAS
PROJECT ENGINEER - SUSAN POE

CONTRACT NO. 78356



NET LENGTH = 350.16 FT. = 0.066 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 4 2013

Jeffrey L. Keen
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 2013
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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Examined By: Douglas J. Hill
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce W. Heebles
DISTRICT MATERIALS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURES

FILE NAME *	USER NAME = thomashf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNATURES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\thomashf\48335268\78356\ht-pln.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____	TO STA. _____	VAR	D9 CM PATCH 2014-1	*	17	2
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -						* GALLATIN & WHITE		CONTRACT NO. 78356		
	PLOT DATE = 4/1/2013	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. THE LOCATIONS OF ALL PATCHES AND THE LIMITS OF PAVEMENT REMOVAL ARE APPROXIMATE. ACTUAL LOCATIONS AND LIMITS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. THE PROPOSED PIPE UNDERDRAINS 4" SHALL UTILIZE THE EXISTING PIPE UNDERDRAINS 4" (SPECIAL) AS OUTLETS. THE LOCATION OF THE PROPOSED PIPE UNDERDRAINS 4" (SPECIAL) AND THE PROPOSED CONCRETE HEADWALLS FOR PIPE DRAINS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. EXISTING SHOULDER DISTURBED DURING THE INSTALLATION OF THE PIPE UNDERDRAINS 4" AND THE PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER. A QUANTITY OF PCC SHOULDER HAS BEEN INCLUDED FOR THE REPAIRS.
4. FORMS FOR CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
5. PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE COMBINATION CURB AND GUTTER, CONCRETE MEDIAN, CONCRETE MEDIAN SURFACE, AND OTHER ITEMS AS DIRECTED BY THE ENGINEER AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS FOR ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS.
6. ADDITIONAL WIDTH OF GUTTER FLAGS, AT LOCATIONS INDICATED ON PLANS, SHALL BE POURED MONO-LITHICALLY WITH THE NORMAL GUTTER FLAG AND WILL NOT BE MEASURED NOR PAID FOR SEPERATELY.
7. AT ALL LOCATIONS WHERE THE PROPOSED BITUMINOUS 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.
8. ALL AGGREGATE SHOWN ON STANDARD 606301 SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE MEDIAN SURFACE, 4 INCH.
9. 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.
10. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATIONS ARE NOT GUARANTEED TO BE AS SHOWN IN THE PLANS.
11. THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT-OF-WAY WITHIN THE PROJECT LIMITS.
12. EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

HIGHWAY 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
420701-02	PAVEMENT FABRIC
442101-07	CLASS B PATCHES
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' FROM PAVEMENT EDGE
701006-04	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
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
701336-06	LANE CLOSURE 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
780001-03	TYPICAL PAVEMENT MARKINGS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

COMMITMENTS

NONE

FILE NAME	USER NAME : #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LISTING OF HIGHWAY STANDARDS & GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\p\work\p\dot\hallet\hd\03252004\701	Ghst-pln.dgn	DRAWN -	REVISED -			VAR	D9 CM PATCH 2014-1	*	17	3
	PLOT SCALE : 100,0000 / 1"	CHECKED -	REVISED -				* GALLATIN & WHITE			CONTRACT NO. 78356
	PLOT DATE : 4/11/2013	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.
ILLINOIS FED. AID PROJECT										

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				GALLATIN COUNTY	WHITE COUNTY
				ROADWAY	ROADWAY
				0005	0005
				RURAL	RURAL
31100500	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SO YD	265	265	
31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SO YD	932	932	
31102300	SUBBASE GRANULAR MATERIAL, TYPE C 6"	SO YD	265	265	
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	855	855	
42000541	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SO YD	265	265	
42001200	PAVEMENT FABRIC	SO YD	1120	1120	
42001300	PROTECTIVE COAT	SO YD	1370	1370	
44000100	PAVEMENT REMOVAL	SO YD	1120	1120	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	457	457	
44004250	PAVED SHOULDER REMOVAL	SO YD	18	18	
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SO YD	148	148	
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SO YD	143		143
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SO YD	34		34
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SO YD	100		100

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	PLOT DATE = 4/11/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D9 CM PATCH 2014-1	*	17	4
* GALLATIN & WHITE		CONTRACT NO. 78356		
ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				GALLATIN COUNTY	WHITE COUNTY
				ROADWAY	ROADWAY
				0005	0005
				RURAL	RURAL
44201299	DOWEL BARS 1 1/2"	EACH	532	84	448
44213100	PAVEMENT FABRIC	SQ YD	281	148	133
44213200	SAW CUTS	FOOT	1470	310	1160
44213204	TIE BARS 3/4"	EACH	171	131	40
48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	18	18	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	3	3	
60107600	PIPE UNDERDRAINS 4"	FOOT	120	120	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	75	75	
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	457	457	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1620	1620	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2	
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100455	TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	L SUM	1	1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1		1

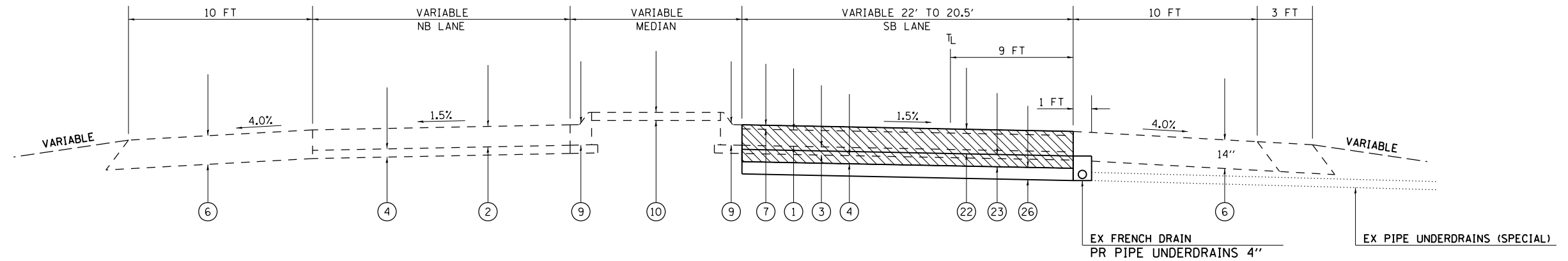
CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				GALLATIN COUNTY	WHITE COUNTY
				ROADWAY	ROADWAY
				0005	0005
RURAL	RURAL				
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	3	1
* 72000100	SIGN PANEL - TYPE 1	SO FT	210	210	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1298	1298	
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	1620	1620	

*
*
5

*SPECIALTY ITEM

TYPICAL SECTIONS

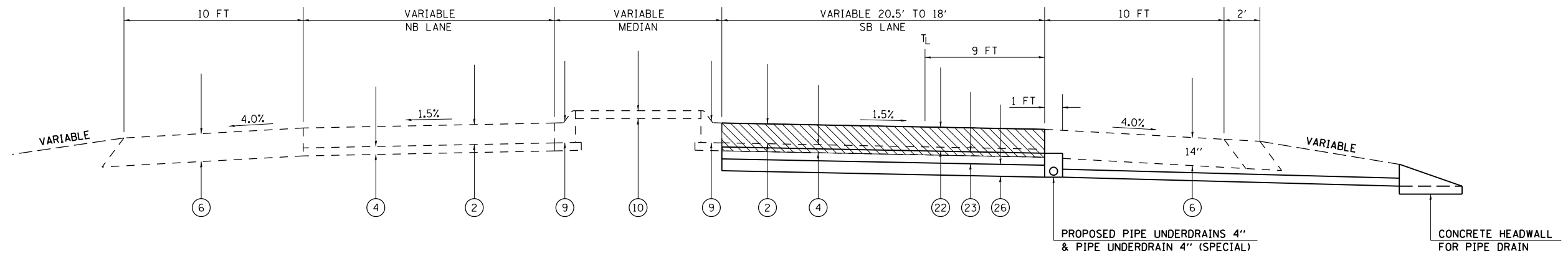
LOCATION 1
GALLATIN COUNTY
FAP 776 (IL 142)
(LOOKING SOUTH)



TO BE USED:
STA 315+66.84 TO STA 316+30.00

LEGEND

- | | | |
|--|--|--|
| ① EXISTING PCC PAVEMENT 8" | ⑥ EXISTING HMA SHOULDER | ②② PROPOSED PCC PAVEMENT 12" (JOINTED) |
| ② EXISTING PCC PAVEMENT 10" | ⑦ EXISTING HMA OVERLAY 2" | ②③ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 6" |
| ③ EXISTING STABILIZED SUB-BASE 4" | ⑧ EXISTING HMA OVERLAY 3" | ②⑥ PROPOSED |
| ④ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4" | ⑨ EXISTING COMBINATION CONCRETE C&G, TYPE M-6.06 | ▨ PROPOSED PAVEMENT REMOVAL |
| ⑤ EXISTING STABILIZED SHOULDER | ⑩ EXISTING CONCRETE MEDIAN SURFACE, 4 INCH | |

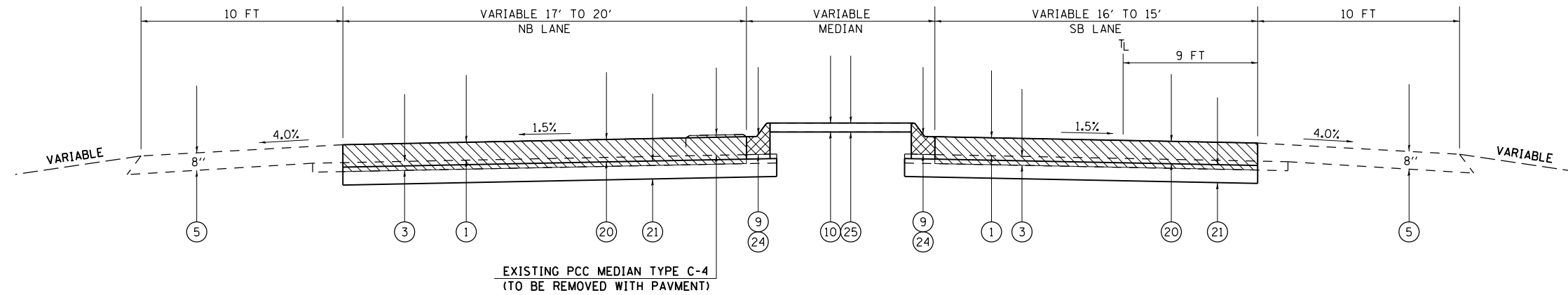


TO BE USED:
STA 316+30 TO STA 316+86

FILE NAME =	USER NAME = \$USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - LOCATION 1			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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		CHECKED -	REVISED -							*	GALLATIN & WHITE			
		DATE -	REVISED -											CONTRACT NO. 78356

TYPICAL SECTIONS

LOCATION 1
GALLATIN COUNTY
FAS 902 (IL 142)
(LOOKING SOUTH)



TO BE USED:
STA 321+00 TO STA 323+31

LEGEND

- | | | |
|--|--|--|
| ① EXISTING PCC PAVEMENT 8" | ⑥ EXISTING HMA SHOULDER | ⑳ PROPOSED PCC PAVEMENT 10" (JOINTED) |
| ② EXISTING PCC PAVEMENT 10" | ⑦ EXISTING HMA OVERLAY 2" | ㉑ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 8" |
| ③ EXISTING STABILIZED SUB-BASE 4" | ⑧ EXISTING HMA OVERLAY 3" | ㉒ PROPOSED COMBINATION CONCRETE C&G, TYPE M-6.06 |
| ④ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4" | ⑨ EXISTING COMBINATION CONCRETE C&G, TYPE M-6.06 | ㉓ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH |
| ⑤ EXISTING STABILIZED SHOULDER | ⑩ EXISTING CONCRETE MEDIAN SURFACE, 4 INCH | PROPOSED PAVEMENT REMOVAL |
| | | COMBINATION C&G REMOVAL |

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

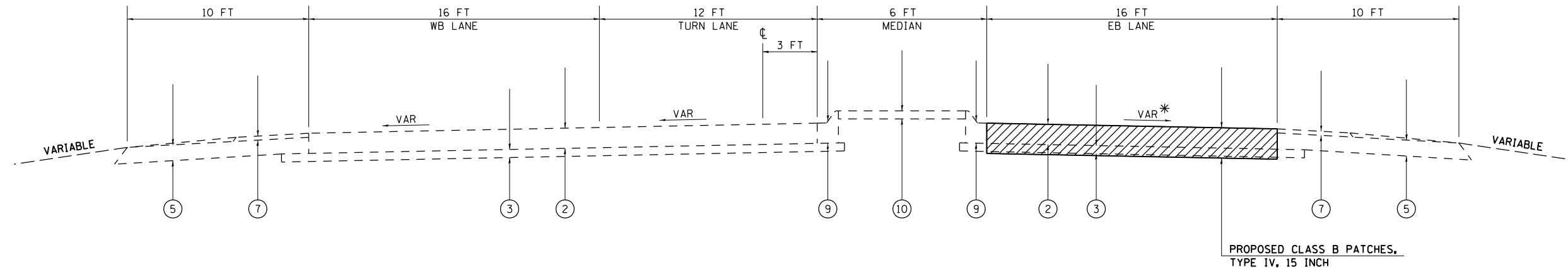
TYPICAL SECTIONS - LOCATION 1

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D9 CM PATCH 2014-1	*	17	8
* GALLATIN & WHITE			CONTRACT NO. 78356	
ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

LOCATION 1
GALLATIN COUNTY
FAP 331 (IL 13)
(LOOKING EAST)



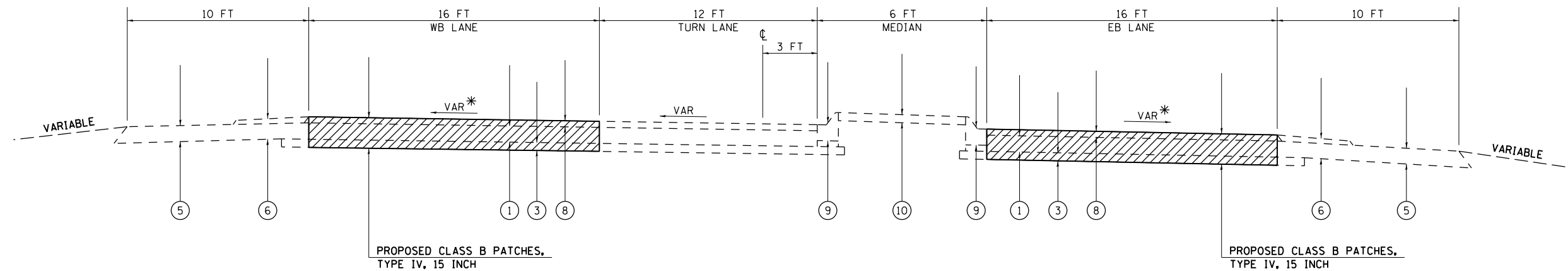
TO BE USED:
STA 1601+61 TO STA 1601+92

LEGEND

- ① EXISTING PCC PAVEMENT 8"
- ② EXISTING PCC PAVEMENT 10"
- ③ EXISTING STABILIZED SUB-BASE 4"
- ④ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑤ EXISTING STABILIZED SHOULDER

- ⑥ EXISTING HMA SHOULDER
- ⑦ EXISTING HMA OVERLAY 2"
- ⑧ EXISTING HMA OVERLAY 3"
- ⑨ EXISTING COMBINATION CONCRETE C&G, TYPE M-6.06
- ⑩ EXISTING CONCRETE MEDIAN SURFACE, 4 INCH

PROPOSED CLASS B PATCHES, 15 INCH



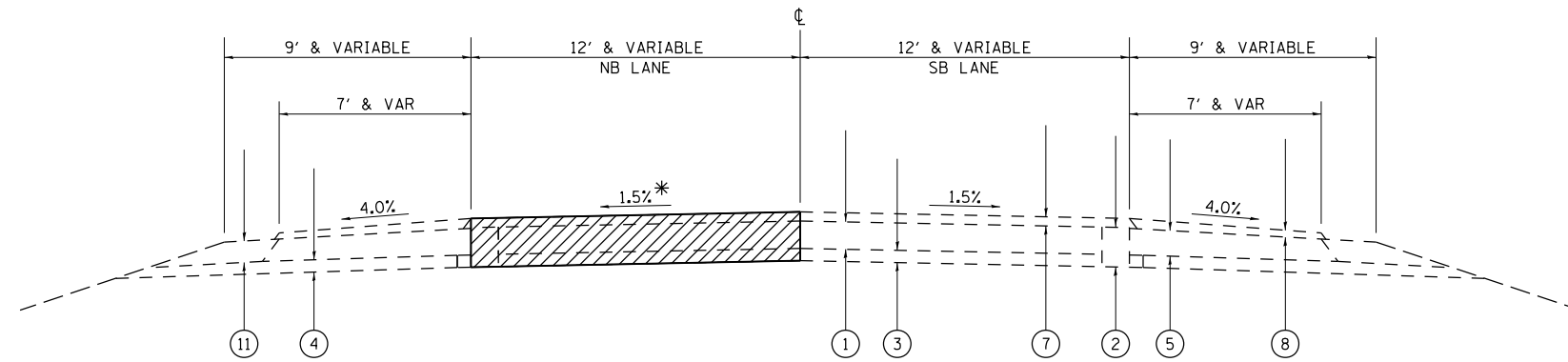
TO BE USED:
STA 1602+91 TO STA 1603+23
STA 1603+70 TO STA 1603+90

* MATCH EXISTING PAVEMENT SLOPE

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - LOCATION 1			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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		CHECKED -	REVISED -							* GALLATIN & WHITE			CONTRACT NO. 78356	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

TYPICAL SECTIONS

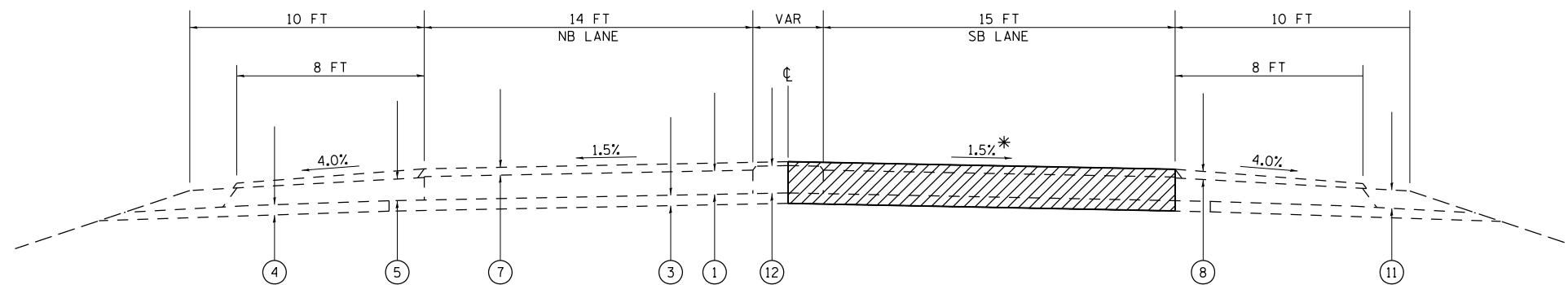
LOCATION 2
 WHITE COUNTY
 FAP 332 (IL 1)
 (LOOKING SOUTH)



TO BE USED:
 STA 63+50 TO STA 72+02

LEGEND

- | | | |
|---|--|-------------------------------------|
| ① EXISTING PCC PAVEMENT 9" | ⑥ EXISTING HMA SHOULDER | ⑪ EXISTING AGGREGATE SHOULDER |
| ② EXISTING BASE COURSE WIDENING | ⑦ EXISTING HMA OVERLAY 3" | ⑫ EXISTING CONCRETE MEDIAN TYPE C-4 |
| ③ EXISTING STABILIZED SUB-BASE 4" | ⑧ EXISTING HMA OVERLAY (VARIABLE) | |
| ④ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C | ⑨ EXISTING COMBINATION CONCRETE C&G, TYPE B-9.06 | ▨ PROPOSED CLASS B PATCHES, 16 INCH |
| ⑤ EXISTING STABILIZED SHOULDER | ⑩ EXISTING CONCRETE MEDIAN SURFACE, 4 INCH | |



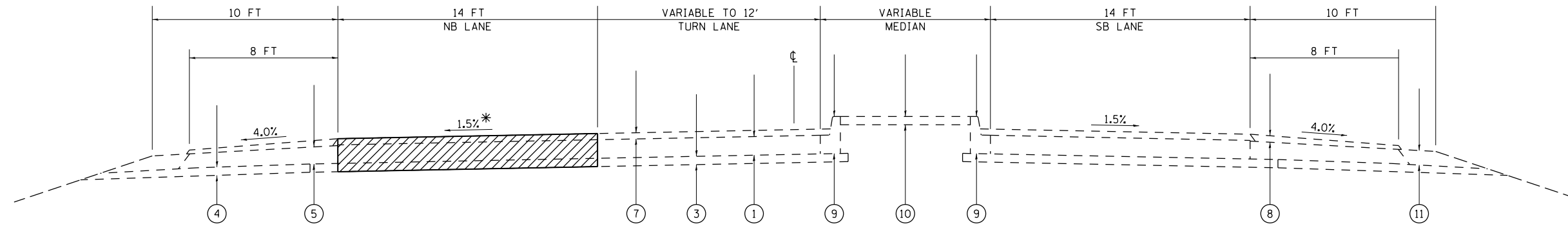
TO BE USED:
 STA 72+02 TO STA 73+52

* MATCH EXISTING PAVEMENT SLOPE

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		CHECKED -	REVISED -							* GALLATIN & WHITE		CONTRACT NO. 78356		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

TYPICAL SECTIONS

LOCATION 2
 WHITE COUNTY
 FAP 332 (IL 1)
 (LOOKING SOUTH)



TO BE USED:
 STA 73+52 TO STA 84+60

LEGEND

- ① EXISTING PCC PAVEMENT 9"
 - ② EXISTING BASE COURSE WIDENING
 - ③ EXISTING STABILIZED SUB-BASE 4"
 - ④ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C
 - ⑤ EXISTING STABILIZED SHOULDER
 - ⑥ EXISTING HMA SHOULDER
 - ⑦ EXISTING HMA OVERLAY 3"
 - ⑧ EXISTING HMA OVERLAY (VARIABLE)
 - ⑨ EXISTING COMBINATION CONCRETE C&G, TYPE B-9.06
 - ⑩ EXISTING CONCRETE MEDIAN SURFACE, 4 INCH
 - ⑪ EXISTING AGGREGATE SHOULDER
 - ⑫ EXISTING CONCRETE MEDIAN TYPE C-4
- ▨ PROPOSED CLASS B PATCHES, 16 INCH

* MATCH EXISTING PAVEMENT SLOPE

FILE NAME =	USER NAME = \$USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - LOCATION 2	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			* GALLATIN & WHITE		CONTRACT NO. 78356		
	PLOT DATE = 4/11/2013	DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

LOCATION 1 PAVEMENT AND PATCHING SCHEDULE

LOCATION 1 STATION TO STATION	PAVEMENT REMOVAL	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SUB-BASE GRANULAR MATERIAL, TYPE C 6"	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	PCC PAVEMENT 10" (JOINTED)	PCC PAVEMENT 12" (JOINTED)	TIE BARS	COMBINATION CURB AND GUTTER REMOVAL	CONC. CURB & GUTTER, TYPE M-6.06	CONCRETE MEDIAN SURFACE, 4"	PROTECTIVE COAT	CLASS B PATCHES, TYPE IV, 15 INCH	SAW CUTS	DOWEL BARS	PAVEMENT FABRIC	REMARKS
	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	EACH	FOOT	FOOT	SO FT	SO YD	SO YD	FOOT	EACH	SO YD	
IL 142 NORTH LEG																
315+66.84 SB TO 316+12.00 SB	106.6		106.6	106.6		106.6	18				106.6				106.6	PIPE UNDERDRAINS IN THIS AREA
316+12.00 SB TO 316+86.00 SB	158.3		158.3	158.3		158.3	30				158.3				158.3	PIPE UNDERDRAINS & OUTLETS
IL 142 SOUTH LEG																
321+03.00 SB TO 321+75.00 SB	128.0	140.0			128.0			72.0	72.0		138.9				128.0	
321+75.00 SB TO 322+50.00 SB	132.3	144.8			132.3			75.0	75.0		143.7				132.3	
322+50.00 SB TO 323+30.00 SB	135.6	148.9			135.6			80.0	80.0		147.7				135.6	
321+00.00 NB TO 321+75.00 NB	141.7	154.2			141.7			75.0	75.0	717.0	232.7				141.7	
321+75.00 NB TO 322+30.00 NB	106.9	116.1			106.9			55.0	55.0	440.0	164.2				106.9	
322+30.00 NB TO 322+81.00 NB	104.8	113.3			104.8			51.0	51.0	297.0	145.6				104.8	
322+81.00 NB TO 323+30.00 NB	106.2	114.3			106.2			49.0	49.0	166.0	132.1				106.2	
IL 13 EAST LEG																
EASTBOUND																
1601+61.00 TO 1601+92.00							31					55.1	110.0	28	55.1	FULL WIDTH PATCH
1602+91.00 TO 1603+23.00							32					56.9	112.0	28	56.9	FULL WIDTH PATCH
WESTBOUND																
1603+70.00 TO 1603+90.00							20					35.6	88.0	28	35.6	PATCH ADJACENT TO TURN LANE
TOTALS	1120	932	265	265	855	265	131	457	457	1620	1370	148	310	84	1268	

LOCATION 1 PAVEMENT MARKING SCHEDULE

LOCATION 1 STATION TO STATION	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"		REMARKS
	WHITE	YELLOW	
	FOOT	FOOT	
IL 142 NORTH LEG			
315+66.84 SB TO 316+12.00 SB	45.2	45.2	
316+12.00 SB TO 316+86.00 SB	74.0	74.0	
IL 142 SOUTH LEG			
321+03.00 SB TO 321+75.00 SB	72.0	72.0	
321+75.00 SB TO 322+50.00 SB	75.0	75.0	
322+50.00 SB TO 323+30.00 SB	80.0	80.0	
321+00.00 NB TO 321+75.00 NB	75.0	75.0	
321+75.00 NB TO 322+30.00 NB	55.0	55.0	
322+30.00 NB TO 322+81.00 NB	51.0	51.0	
322+81.00 NB TO 323+30.00 NB	49.0	49.0	
IL 13 EAST LEG			
EASTBOUND			
1601+61.00 TO 1601+92.00	31.0	31.0	FULL WIDTH PATCH
1602+91.00 TO 1603+23.00	32.0	32.0	FULL WIDTH PATCH
WESTBOUND			
1603+70.00 TO 1603+90.00	20.0		ADJACENT TO TURN LANE
TOTALS	659	639	

LOCATION 1 DETOUR SIGN SCHEDULE

SIGN ID NUMBER	DESCRIPTION	SIGN SIZE	AREA PER SIGN (SQ FT)	TOTAL SIGNS REQUIRED	SIGN PANEL TYPE 1 (SQ FT)
M20-2	DETOUR AHEAD	36" x 36"	9.00	4	36.00
M1-4	IL ROUTE 142	24" x 24"	4.00	17	68.00
M4-8	DETOUR	24" x 12"	2.00	17	34.00
M3-1	NORTH	24" x 12"	2.00	7	14.00
M3-3	SOUTH	24" x 12"	2.00	10	20.00
M6-1	ARROW	21" x 15"	2.19	10	21.88
M5-1L	LEFT ARROW	21" x 15"	2.19	4	8.76
M5-1R	RIGHT ARROW	21" x 15"	2.19	3	6.57
TOTALS				72	210

LOCATION 2 PATCHING SCHEDULE

LOCATION 2 PATCH SIZE	CLASS B PATCHES, TYPE II, 16 INCH	CLASS B PATCHES, TYPE III, 16 INCH	CLASS B PATCHES, TYPE IV, 16 INCH	SAW CUTS	TIE BARS	DOWEL BARS	PAVEMENT FABRIC
	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	SQ YD
IL 1 NORTHBOUND							
6.0 x 12.0	8.0			48.0		20	
6.0 x 12.0	8.0			48.0		20	
6.0 x 12.0	8.0			48.0		20	
6.0 x 12.0	8.0			48.0		20	
12.0 x 12.0		16.0		60.0		20	16.0
8.0 x 12.0	10.7			52.0		20	
20.0 x 16.0			35.6	88.0	20	28	35.6
10.0 x 16.0		17.8		68.0		28	17.8
6.0 x 16.0	10.7			60.0		28	
16.0 x 8.0	14.2			56.0		12	
IL 1 SOUTHBOUND							
6.0 x 12.0	8.0			48.0		20	
6.0 x 12.0	8.0			48.0		20	
6.0 x 12.0	8.0			48.0		20	
6.0 x 12.0	8.0			48.0		20	
6.0 x 12.0	8.0			48.0		20	
8.0 x 12.0	10.7			52.0		20	
8.0 x 16.0	14.2			64.0		28	
6.0 x 16.0	10.7			60.0		28	
20.0 x 16.0			35.6	88.0	20	28	35.6
16.0 x 16.0			28.4	80.0		28	28.4
TOTALS	143	34	100	1160	40	448	133

40' 0 20' 40'



EXISTING PIPE UNDERDRAIN 4" (SPECIAL)
(TO REMAIN IN PLACE)

PROPOSED PIPE UNDERDRAIN 4"

PROPOSED PIPE UNDERDRAIN 4" (SPECIAL)

NORTH LEG - SB LANE
PAVEMENT REMOVAL
PCC PAVEMENT 12" (JOINTED)

TL FAP 776 (IL 142)

C FAP 331 (IL 13)

EAST LEG - WB LANE
CLASS B PATCHES, 15 INCH

1595

1600

1605

320

EAST LEG - EB LANE
CLASS B PATCHES, 15 INCH

SOUTH LEG - MEDIAN
COMBINATION CONCRETE C&G, TYPE M-6.06
CONCRETE MEDIAN SURFACE, 4 INCH

EXISTING PCC PATCHES

SOUTH LEG - NB LANE
PAVEMENT REMOVAL
PCC PAVEMENT 10" (JOINTED)

SOUTH LEG - SB LANE
PAVEMENT REMOVAL
PCC PAVEMENT 10" (JOINTED)

EXISTING PCC MEDIAN TYPE C-4
(TO BE REMOVED WITH PAVEMENT)

TL FAS 902 (IL 142)

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	PLOT DATE = 4/11/2013	DATE -	REVISED -

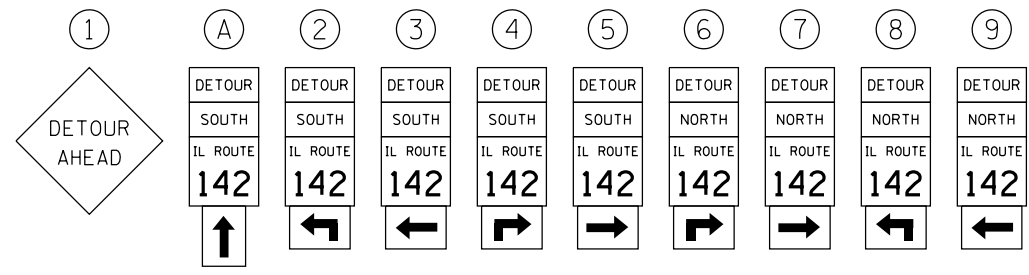
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - LOCATION 1

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D9 CM PATCH 2014-1	*	17	15
* GALLATIN & WHITE			CONTRACT NO. 78356	
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



MB MESSAGE BOARD

CLOSURE LOCATION
IL 142 - SOUTH OF IL 13

EQUALITY

NOTES:
 PLACEMENT OF ALL SIGNS AND MESSAGE BOARDS SHALL BE AS DIRECTED BY THE ENGINEER.
 MESSAGE BOARDS SHALL BE OPERATIONAL 2 WEEKS PRIOR TO THE CLOSURE. THE MESSAGES SHALL BE AS DIRECTED BY THE ENGINEER.
 THE CLOSURE OF IL 142 SHALL BE ACCORDING TO TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22.

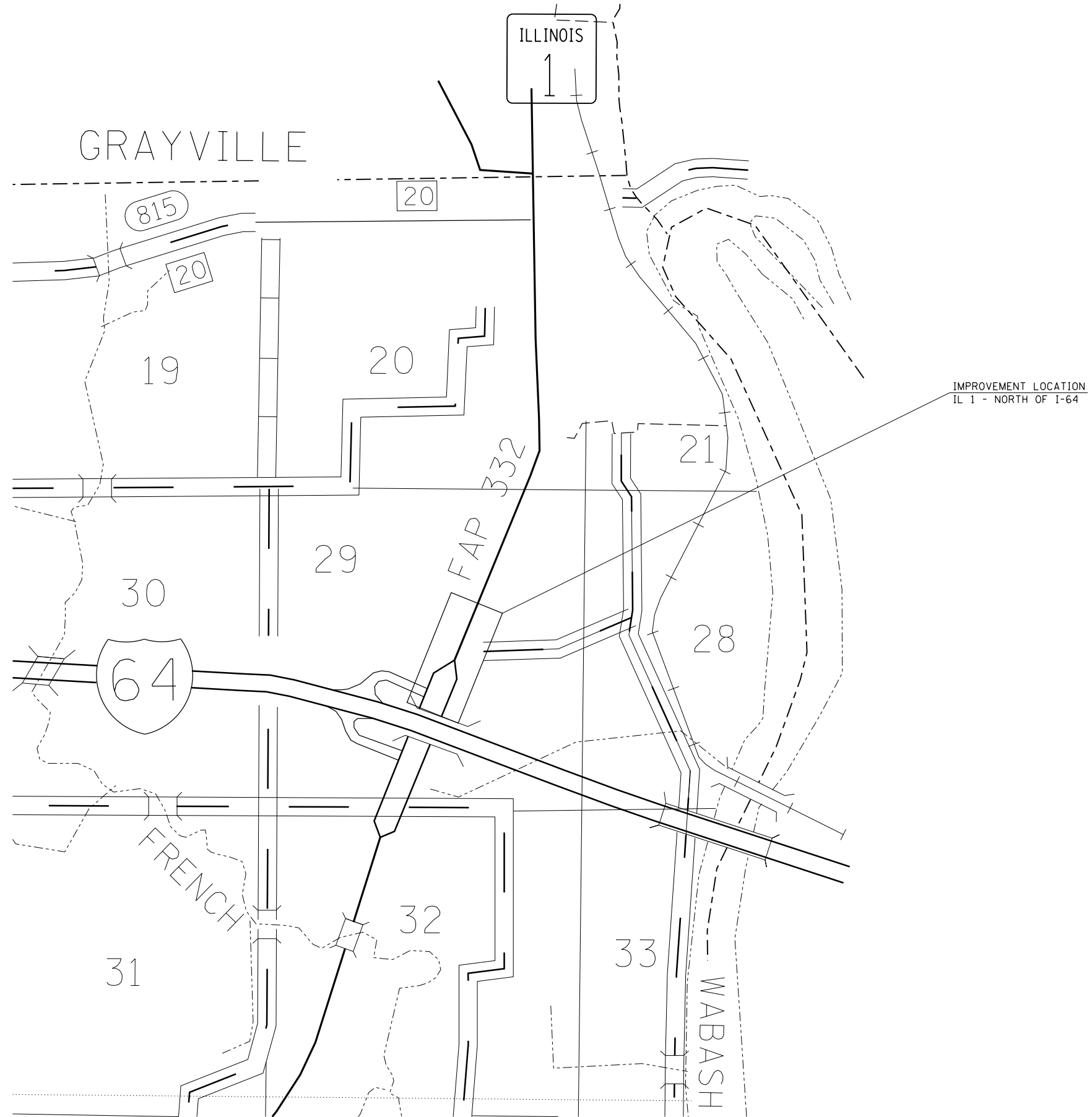
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	PLOT DATE = 4/11/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN - LOCATION 1

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D9 CM PATCH 2014-1	*	17	16
* GALLATIN & WHITE			CONTRACT NO. 78356	
ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 4/11/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP - LOCATION 2

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D9 CM PATCH 2014-1	*	17	17
* GALLATIN & WHITE			CONTRACT NO. 78356	
ILLINOIS FED. AID PROJECT				