### STATE OF ILLINOIS

## **DEPARTMENT OF TRANSPORTATION**

**DIVISION OF HIGHWAYS** 

# IDOT /IHPA STATEWIDE BLACK HAWK STATE HISTORICAL SITE

SECTION

**PARK ROAD** 

**IMPROVEMENTS** 

**ROCK ISLAND COUNTY** 

JOB NO. C-30-020-05

ROUTE PARKROADS (BLACK HAWK)

#### **INDEX OF SHEETS**

- COVER SHEET
- TYPICAL SECTIONS
- 3 SURVEY TIES, BENCHMARKS AND GENERAL NOTES
- 4 SUMMARY AND SCHEDULES OF QUANTITIES
- 5 REMOVAL PLAN
- 6 PROPOSED PLAN PATCHES AND WIDENING
- 7 DRAINAGE PLAN
- 8 PROPOSED CONTOUR AND ELEVATION PLAN
- 9 WEST PATHWAY GATE ENTRANCE CROSS SECTIONS

#### **STATE STANDARDS**

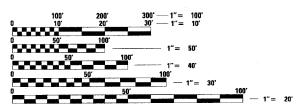
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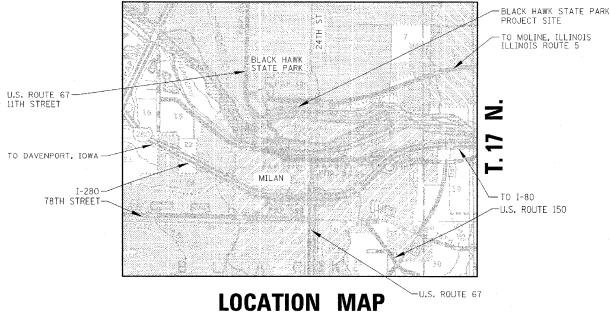
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

CONTRACT NO. 44882





.GROSS LENGTH = N/A NET LENGTH = N/A



EXPIRATION DATE NOV. 30, 2005



SECTION

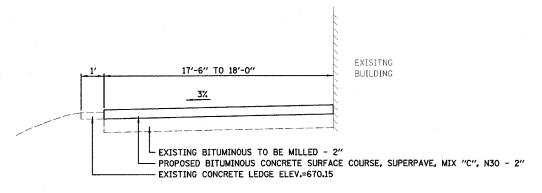
COUNTY TOTAL SHEET NO.

	STATE OF ILLINOIS  DEPARTMENT OF TRANSPORTATION  DIVISION OF HIGHWAYS
SUBMITTED	20
-	DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
-	July 1, 20 05
	Mike Stine 10
	ENGINEER OF DESIGN AND ENVIRONMENT
	July 1, 20 05
-	Victor Moder (D)
	DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

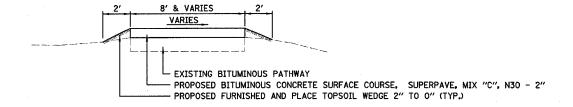
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CONTRACT NO. 44882

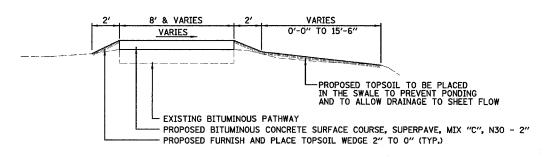
F.A. SECTION COUNTY TOTAL SHEE SHEETS NO. ROCK ISLAND 9 2 TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



PROPOSED TYPICAL SECTION (1) (PORTICO DRIVE)

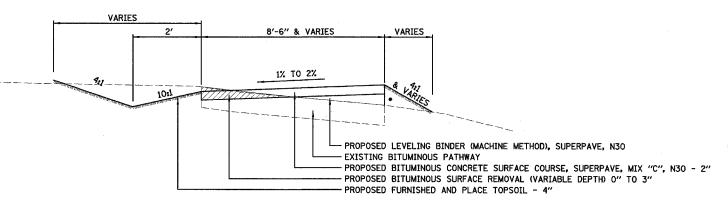


PROPOSED TYPICAL SECTION (2) (PATH WAYS)



PROPOSED TYPICAL SECTION (3)
(WEST PATHWAY)

NOTE: THE LIMITS FOR THIS TYPICAL ARE AS FOLLOWS: STARTING 50' SOUTHEAST FROM THE WEST PARKING LOT WHERE PATHWAY BENDS EAST. 85' EAST FROM STARTING POINT.



\*LEVELING BINDER THICKNESS O" TO 51/2"

PROPOSED TYPICAL SECTION (4) (WEST PATHWAY)

NOTE:
THE LIMITS FOR THIS TYPICAL SECTION ARE AS FOLLOWS:
STARTING OPPOSITE THE EXISTING STORM INLET, 61'± WEST
OF THE ROCKWALL ENTRY, SOUTH SIDE OF THE LODGE BUILDING (0+00)
AND PROCEDING EAST 100' TO 35' EAST OF THE WEST FACE OF THE
ROCKWALL ENTRY (1+00).

REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION						
NAME DATE							
	TYPICAL SECTIONS						
		OT / IHPA					
	BLACK HAWK	STATE HISTORIC SITE					
	SCALE: VERT. HORIZ.	DRAWN BY					
	DATE	CHECKED BY					

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DATE NAME SCALE NAME	DRAWN BY
PLOT 0 PLOT 9 PLOT 9 JSER N	CHECKED BY

FILE NO. 24-7524 Farnsworth DATE 5/02/05 GROUP 2709 MoGraw Drive Bloomington, Illinois 61704 309/663-8435,309/663-1571 fax SHEET NO.

F.A RTE.	SECTIO	N	СО	UNTY	TOTAL SHEETS	SH
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FED. RO	AD DIS	T. NO.	ILLINOIS	FED.	AID	PROJECT	

**GENERAL NOTES** 

1. G.N. 4
THE FINAL TOP 100mm (FOUR INCHES) OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS. 2. G. N. 67
THE COST OF MAKING SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER.

3. G. N. 73
THE CONTRACTOR SHALL DETERMINE FLOWLINES OF EXISTING SEWER LINES WHICH ARE SHOWN ON THE PLANS AS ESTIMATED OR UNKNOWN. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS AND MANHOLES.

.G.N. 74
WHERE FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611. THE
MINIMUM SIZE FOR REPLACEMENT WILL BE 150mm (6") FOR PIPE DRAINS AND 200mm (8") FOR STORM SEWER, BUT THE SIZE MUST
BE AT LEAST 50mm (2") LARGER THAN THE ADJOINING TILE. A FIELD TILE JUNCTION VAULT WILL BE CONSTRUCTED AT THE RIGHT
OF WAY TO CONNECT THE TILE AND STORM.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107. 31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK.

6. G. N. 105
CADD DATA WILL BE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST AS MICROSTATION CADD FILES AND COORDINATE GEOMETRY FILES ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE THE USER'S RESPONSIBILITY TO MAKE THESE CONVERSIONS. IF ANY DISCREPANCY OR INCONSISTENCY ARISES BETWEEN THE ELECTRONIC DATA AND THE INFORMATION ON THE HARD COPY, THE INFORMATION ON THE HARD COPY SHOULD BE USED. CONTACT THE DISTRICT'S PROJECT ENGINEER TO REQUEST THESE FILES.

#### COMMITMENTS

MIXTURE COMPOSITION (GRADATION MIXTURE)

FRICTION AGGREGATE

20 YEAR ESAL

1. THE CONTRACTOR IS TO CONTACT BLACK HAWK STATE HISTORIC SITE MANAGER, SCOTT ROMAN, (309) 788-0177 TO COORDINATE CONSTRUCTION SCHEDULE.

0.40 GAL/SY

BITUMINOUS MATERIALS BITUMINOUS MATERIALS BITUMINOUS CONCRETE BITUMINOUS CONCRETE GRANULAR MATERIALS NITROGEN FERTILIZER PHOSPHERUS FERTILIZER POTASSIUM FERTILIZER MULCH METHOD 1	(PRIME COA BINDER COUI SURFACE CO NUTRIENT R NUTRIENT	T) RC-70 RSE	0.10 G 112 LE 112 LE 2.05 T 90 LB 90 LB 90 LB	GAL/SY GAL/SY GAL/SY GAL/SY GAN/SY GONS/CY ACRE ACRE ACRE S/ACRE	
ВІТ	UMINOUS TAE	BLE		]	
MIXTURE USE (S):	BINDER				
PG 58-22 58-22 58-22					
RAP % (MAX)	30	30	30		
DESIGN AIR VOIDS	4.2	4.2	4.2	1	

IL 9.5

MIX C

N30

IL 9.5

N/A

N3C

IL 19.0

N/A

N30

APPLICATION RATES

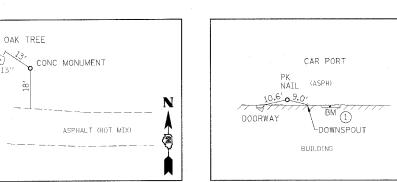
BITUMINOUS MATERIALS (PRIME COAT) MC-30 BITUMINOUS MATERIALS (PRIME COAT) RC-70

	BENCHMARK LOCATIONS	
NUMBER	DESCRIPTION	ELEVATION
1)	ON FLOOR AT LODGE IN MAIN ENTRANCE TO BUILDING	670.83
2	TOP FIRE HYDRANT ON N SIDE OF LODGE IN FRONT OF PARKING LOT FOR LODGE EMPLOYEE'S	673.25
3	CUT " ON CONC BASE FOR LIGHT SW OF EAST PARKING LOT, 2ND LIGHT E OF THE END OF LODGE	673.79
4	CUT " ON N SIDE OF LIGHT BASE S OF MAIN FLOOR ENTRANCE TO LODGE	684.08
(5)	TOP FIRE HYDRANT W OF W END OF LODGE ± 100' ( TOP OF OPERATING NUT)	675.17
6	PK NAIL SET IN 6"x6" POST ON SW CORNER OF STAIR DECK ON 5 SIDE OF TRAIL ± 100 SE OF PARKING LOT	668.31

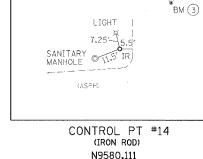
PEVISIONS

IVE A 1210M		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
		SURVEY TIES, BENCHMARKS,
		AND GENERAL NOTES
		IDOT / IHPA
		BLACK HAWK STATE HISTORIC SITE
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SCALE: HORIZ. DATE

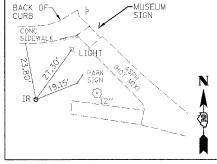


CONTROL PT #15 CONTROL PT #10 (CONCRETE MONUMENT) (PK NAIL) N9554.352 E21363.993 ELEV=670.77



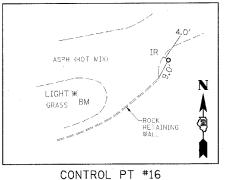
N9580.111 E21470.252 ELEV=670.82

HYDRANT



CONTROL PT #26 (IRON ROD) N9527,091 E20916.095 ELEV=668.85

CONTROL PT #21 (IRON ROD) N9489.221 E21133.410 ELEV=674.46



CONTROL PT #25

N9573,150

ELEV=669.71

(PK NATI)

N9585.688 E21211.821 ELEV=678.90

CONC

BACK OF-√

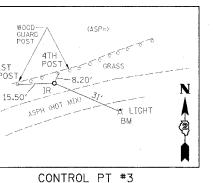
CURB

PK NAIL 9 18.80

131

LIGHT¤

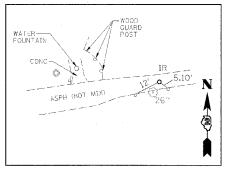
SIDEWALK\_ -



(IRON ROD)

N9560.813

E21631.199 ELEV=673.78



CONTROL PT #13 (IRON ROD) N9567.722 E21723.689 ELEV=674.35

CONTROL PT #12 (TRON ROD) N9613.873

N9439.223

(IRON ROD) ELEV=682.25

N ISLAND

ELEV=674.50

LAW DRR PJM

**E**Farnsworth DATE 5/02/05 2709 MoGrew Drive Bloomington, Illinois 81704 309/383-8435 ,308/863-1571 fax SHEET NO.

CHECKED BY

#### SCHEDULE OF QUANTITIES

EARTHWORK TABLE	CU YD	CU YD	SQ YD
LOCATION	CUT VOLUME	FILL VOLUME	TOPSOIL PLACEMENT
WEST PATHWAY	1	10	565
NORTH PORTICO DRIVE	5	0	37
LODGE ENTRANCE	5	0	311
EAST PATHWAY	11	0	323
CONTINGENCY	0	0	64

NOTE:
EARTH EXCAVATION IS NOT BELIEVED
SUITABLE FOR EMBANKMENT NOR TOPSOIL.
THEREFORE, TOPSOIL IS REQUIRED TO BE
FURNISHED AND PLACED AND EMBANKMENT
IS PROVIDED VIA FURNISHED EXCAVATION.

TOTAL EARTH EXCAVATION TOTAL TOPSOIL PLACEMENT TOTAL FILL (S.F.=1.25) TOTAL WASTE

= 22 CY = 1230 SY = 135 CY = 13 CY

=	13	ŲΥ
=	22	CY

LANDSCAPE SCHEDULE	SEEDING CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 1	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER
LOCATION	ACRE	POUND	POUND	POUND	TON	EACH	F00T
WEST PATHWAY	0.13	12.0	12.0	12.0	0.26	1	225
NORTH PORTICO DRIVE	0.02	1.0	1.0	1.0	0.04	0	0
LODGE ENTRANCE	0.07	5.5	5.5	5, 5	0.14	0	0
EAST PATHWAY	0.08	6.5	6.5	6.5	0.16	0	0
TOTALS	0,30	25.0	25,0	25.0	0.6	1	225

MAINLINE QUANTITIES	BIT. SURF. REM BUTT JOINT	BIT. SURF. REM 2"	BIT. SURF. REM (VAR. DEPTH)	AGG. BASE COURSE TY. B	BIT. MATL'S (PRIME COAT)	LEVEL BINDER (MACHINE METHOD) SUPERPAVE	BINDER SUPERPAVE IL 19.0	BIT. CONC. SURFACE SUPERPAVE MIX "C"	TEMP. RAMP	SIDE- WALK REM.
LOCATION	SQ YD	SQ YD	SQ YD	TON	GAL	TON	TON	TON	SQ YD	SQ FT
WEST PATHWAY	21	0	45	3	56	15	2	56	16	255
NORTH PORTICO DRIVE	0	290	0	0	30	0	0	35	22	0
LODGE ENTRANCE	66	0	0	8	91	0	5	103	67	0
EAST PATHWAY	28	0	- 0	19	53	0	3	41	5	2
TOTALS	115	290	45	30	230	15	10	235	110	257

STORM SEWER SCHEDULI	=						
	STORM REMO	SEWER DVAL	STORM SEWERS CLASS B, TYPE 1	TRENCH	CONCRETE HEADWALL FOR PIPE DRAINS	MANHOLES TO BE	INLETS TO BE
	4"	6"	6" PVC	BACKFILL		ADJUSTED	ADJUSTED
LOCATION	FOOT	FOOT	F00T	CU YD	EACH	EACH	EACH
WEST PATHWAY		0	0	0	0	0	1
NORTH PORTICO DRIVE	60	30	95	36	6	1	0
LODGE ENTRANCE	0	0	0	0	0	0	0
EAST PATHWAY	0	0	Ö	0	0	0	0
TOTALS	60	30	95	36	6	1	1

PATCHING SCHEDULE						
	CL	ASS D PATO	HES	BIT. MATL'S	CSE., TY. B	BIT. CONC. BINDER CSE.
	TYPE I	TYPE II	TYPE III	COAT)	(INCIDENTIAL)	(INCIDENTIAL)
LOCATION	SQ YD	SQ YD	SQ YD	GAL	TON	TON
WEST PATHWAY	0	0	0	0	0	0
NORTH PORTICO DRIVE	4	35	20	24	34	14
LODGE ENTRANCE	0	0	0	0	0	0
EAST PATHWAY	0	0 -	0	0	0	0
TOTALS	4	35	20	24	34	36

SUMMARY OF QUANTITIES

URBAN

F.A. SECTION

STA.

1000

COUNTY TOTAL SHEET NO.

ROCK ISLAND

TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

		SUMMARY OF QUANTITIES		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	20/00100	EARTH EXCAVATION	CU YD	5
	20200500	EARTH EXCAVATION (WIDENING)	CU YD	20
	20400800	FURNISHED EXCAVATION	CU YD	10
	20800150	TRENCH BACKFILL	CU YD	36
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1300
	21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	105
	25000100	SEEDING, CLASS 1	ACRE	0.3
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	25
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	25
İ	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	25
	25100110	MULCH, METHOD 1	TON	0.6
	25100630	EROSION CONTROL BLANKET	SQ YD	6
	28000400	PERMITER EROSION BARRIER	FOOT	225
	28000500	INLET AND PIPE PROTECTION	EACH	1
Ì	35101400	AGGREGATE BASE COURSE, TYPE B	TON	30
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	230
	40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	115
	40600990	TEMPORARY RAMP	SQ YD	110
	44000007	BITUMINOUS SURFACE REMOVAL, 2"	SQ YD	290
*	44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	45
	44000600	SIDEWALK REMOVAL	SQ FT	257
*	44201974	CLASS D PATCHES, TYPE I	SQ YD	4
*	44201976	CLASS D PATCHES, TYPE II	SQ YD	35
*	44201978	CLASS D PATCHES, TYPE III	SQ YD	20
	550B0020	STORM SEWERS, CLASS B, TYPE 1, 6"	FOOT	95
	55100100	STORM SEWER REMOVAL, 4"	FOOT	60
	55100200	STORM SEWER REMOVAL, 6"	FOOT	30
	60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	6
	60255500	MANHOLES TO BE ADJUSTED	EACH	1
	60260100 67100100 70102640	INLETS TO BE ADJUSTED MOBILIZATION TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	EACH L SUM L SUM	1 1 1
*	X4066412	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N30	TON	235
*	X4066612	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N30	TON	10
*	X4066760	LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N30	TON	15
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
•	+ SPECTAL	PROVICTOR		

<sup>\*</sup> SPECIAL PROVISION

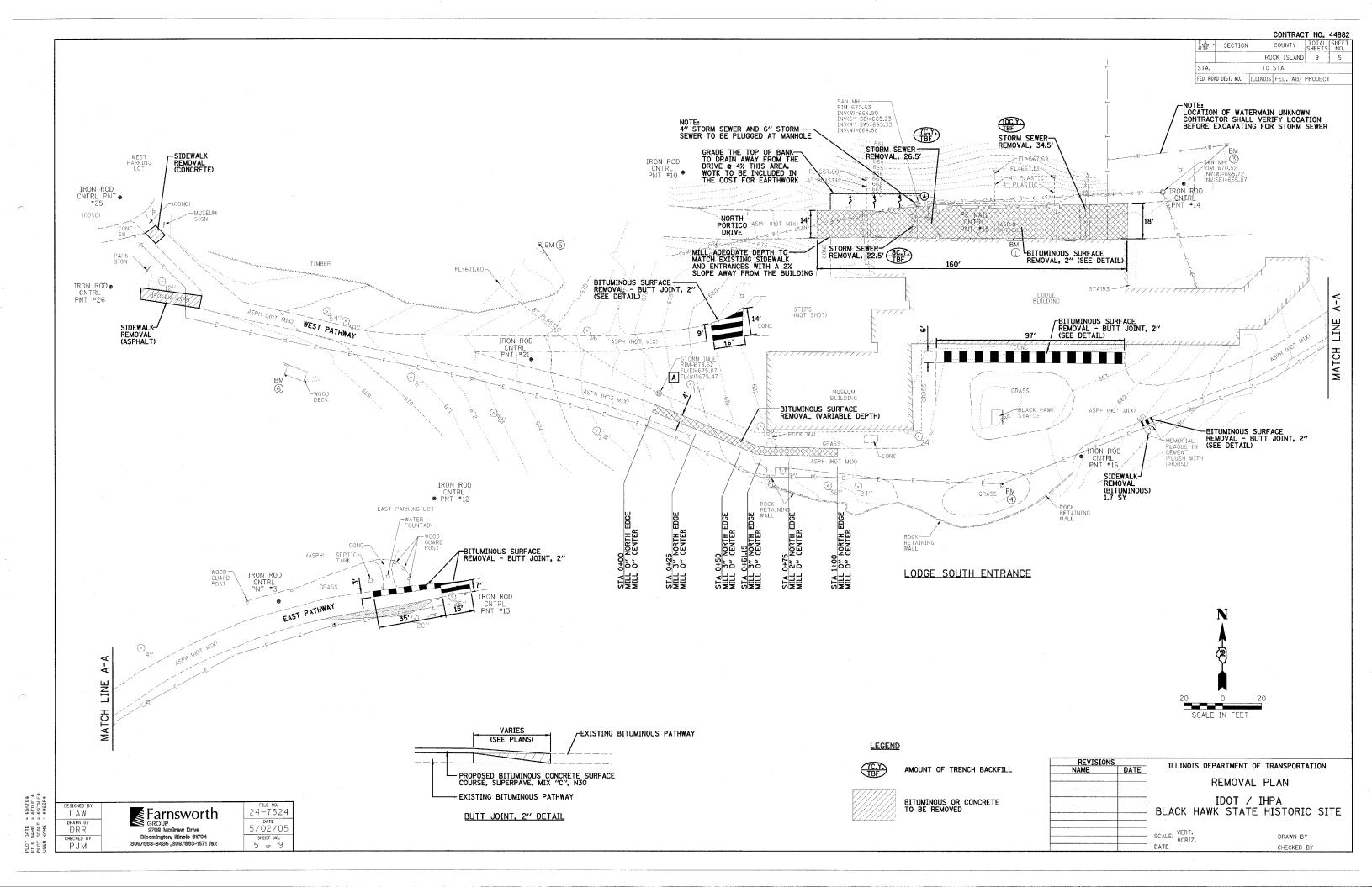
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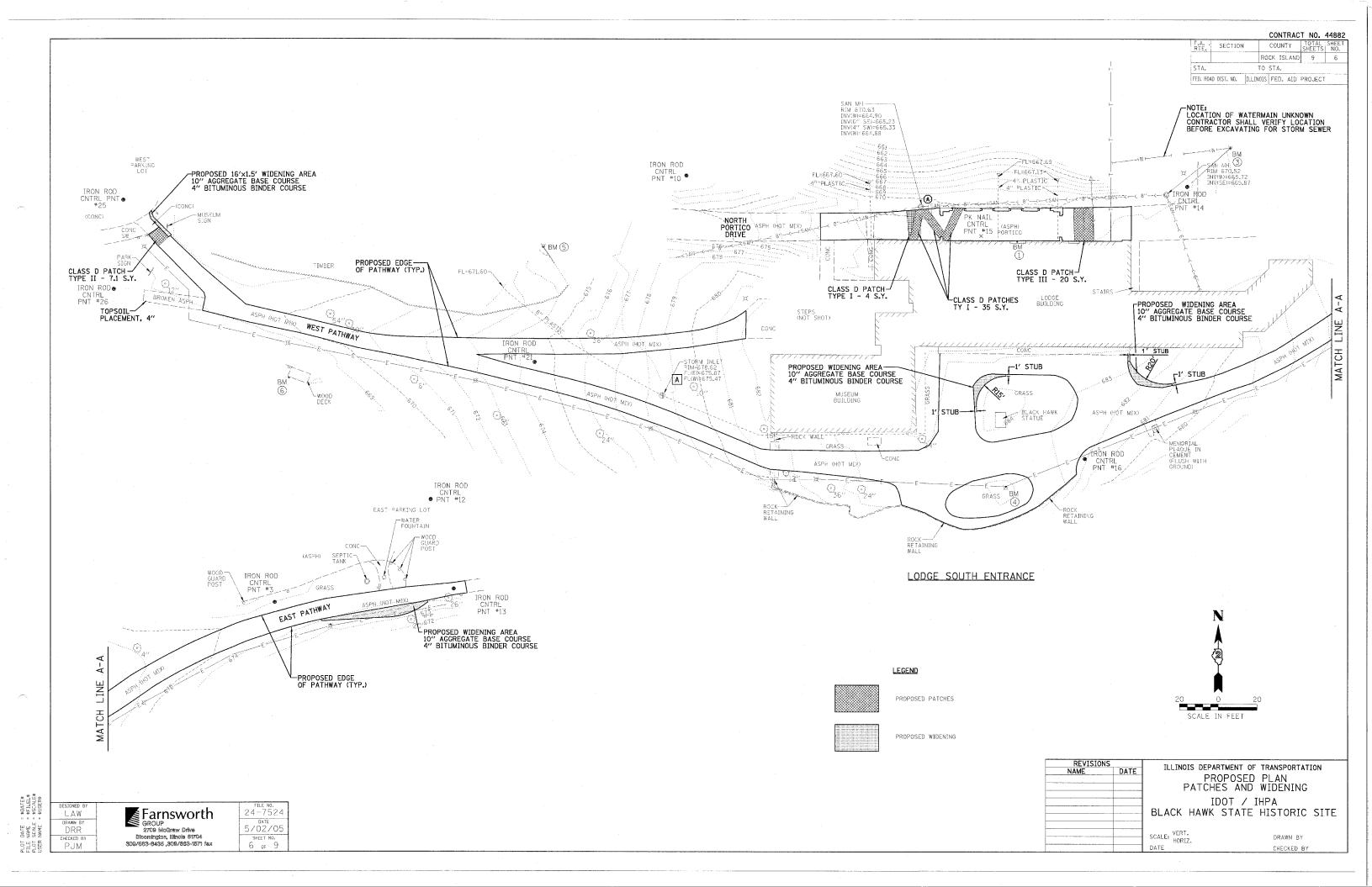
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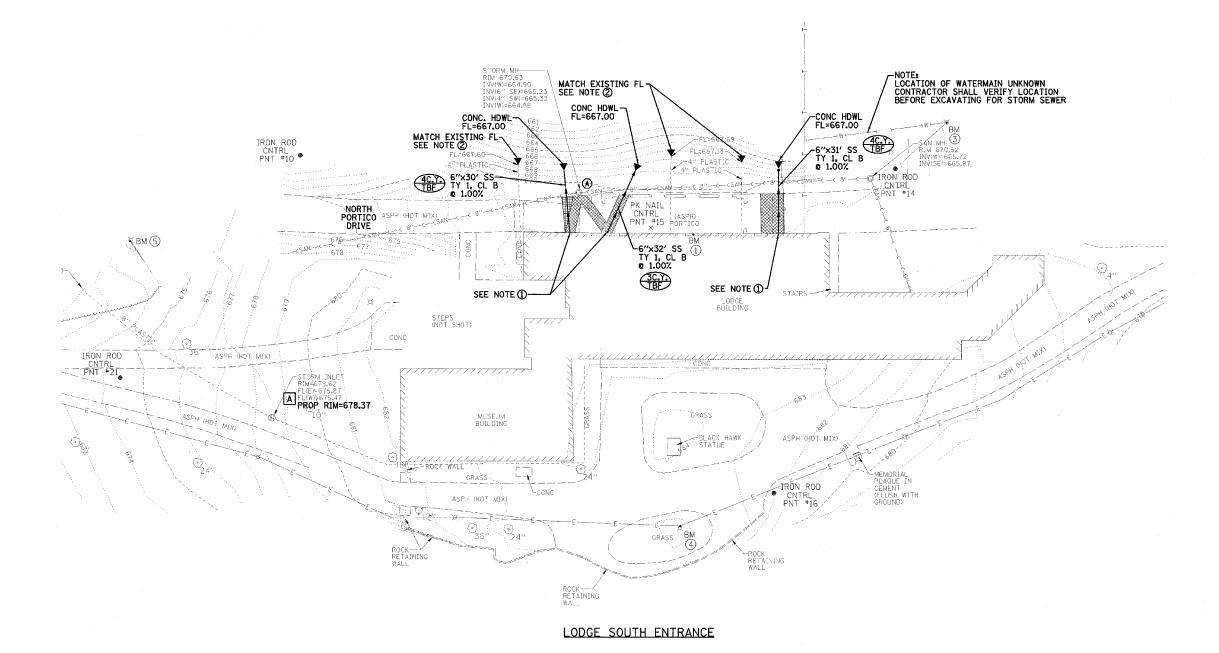
Farnsworth
GROUP
2709 McGraw Drive
Bloomington, illinois 61704
309/683-6435,309/683-1571 fax

FILE NO. 24-7524 5/02/05 SHEET NO. 4 of 9





CONTRACT NO. 44882 TOTAL SHEETS SECTION COUNTY ROCK ISLAND TO STA. FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT





- ① DOWNSPOUT CONNECTION DETAILS TO BE PROVIDED BY ILLINOIS HISTORICAL PRESERVATION AGENCY. THE SCUPPERS ARE TO BE ATTACHED TO THE PROPOSED STORM SEWERS AND THE EXISTING DOWNSPOUT DRAINS IN THREE (3) PLACES. CONNECTION ELEV.=671.3
- ② CONTRACTOR IS TO CONNECT THE EXISTING 4"
  PIPE UNDERDRAINS FOR THE DOWNSPOUTS,
  3 PLACES, WITH PROPOSED CONCRETE HEADWALL
  FOR PIPE DRAINS.
- ③ ▼ PROPOSED CONCRETE HEADWALL FOR PIPE DRAINS.
- SCY: AMOUNT OF TRENCH BACKFILL

	REVISIONS		
	DATE	NAME	
BL			
SCAL		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
DATE		***	

ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE PLAN IDOT / IHPA LACK HAWK STATE HISTORIC SITE

SCALE IN FEET

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DRAWN BY

DATE NAME SCALE

LAW DRAWN BY CHECKED BY Farnsworth
GROUP
2709 McGraw Drive
Bloomington, Illinois 61704
309/683-8435,309/663-1571 fax

24-7524 5/02/05 SHEET NO. 7 OF 9

