

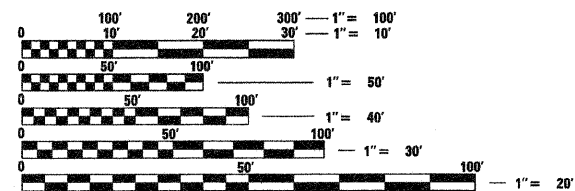
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 46002		

INDEX OF SHEETS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SUMMARY/SCHEDULE OF QUANTITIES
3	SCHEDULE OF QUANTITIES
4	NOTES AND VARIOUS DETAILS
5	RAILING AND STEP DETAIL
6	BASELINE INFORMATION
7	OVERALL LAYOUT
8	PROPOSED PLAZA AND PATIO LAYOUT
9	NEW SIDEWALK SOUTH OF VISITORS CENTER
10	MAIN TRAIL PROFILE
11	TRAIL A, C, D, AND E PROFILES
12	SITE LIGHTING PLANS AND DETAILS

LEGEND

	EXISTING BRUSH
	EXISTING FENCE
	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNDERGROUND SANITARY SEWER
	EXISTING UNDERGROUND TELEPHONE
	EXISTING UNDERGROUND WATER
	PROPOSED EROSION CONTROL FENCE
	PROPOSED GRADING AND SHAPING DITCHES
	PROPOSED STORM SEWER
	EXISTING ABOVE GROUND SPLICE BOX
	EXISTING ABOVE GROUND TELEPHONE SPLICE BOX
	EXISTING CONIFEROUS TREE
	EXISTING DECIDUOUS TREE
	EXISTING MANHOLE
	EXISTING SIGN
	EXISTING WATER VALVE
	PROPOSED BOLLARD
	PROPOSED DITCH CHECK
	PROPOSED INLET
	PROPOSED INLET PROTECTION
	PROPOSED LIGHT FIXTURE



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

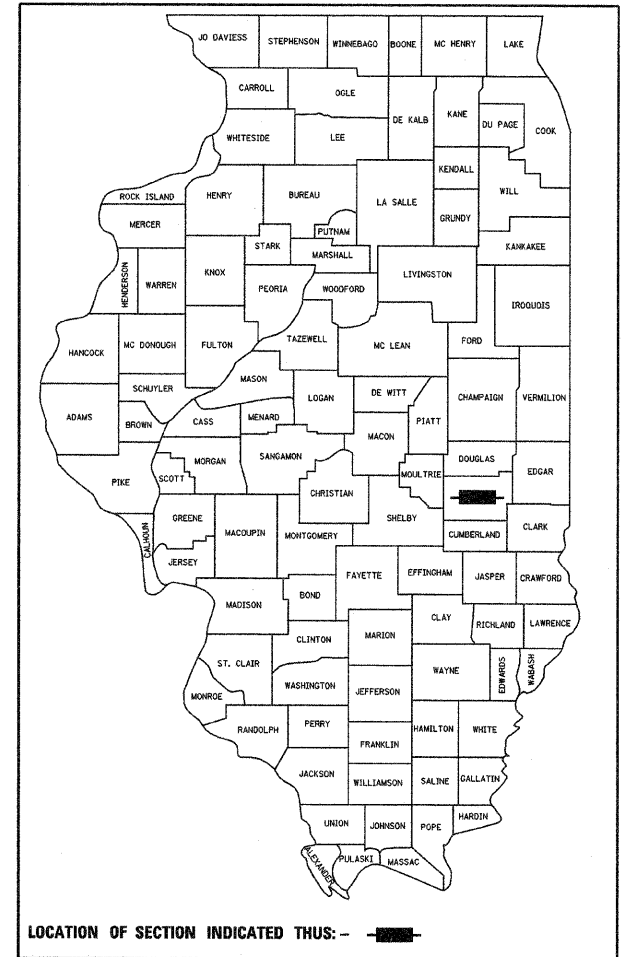
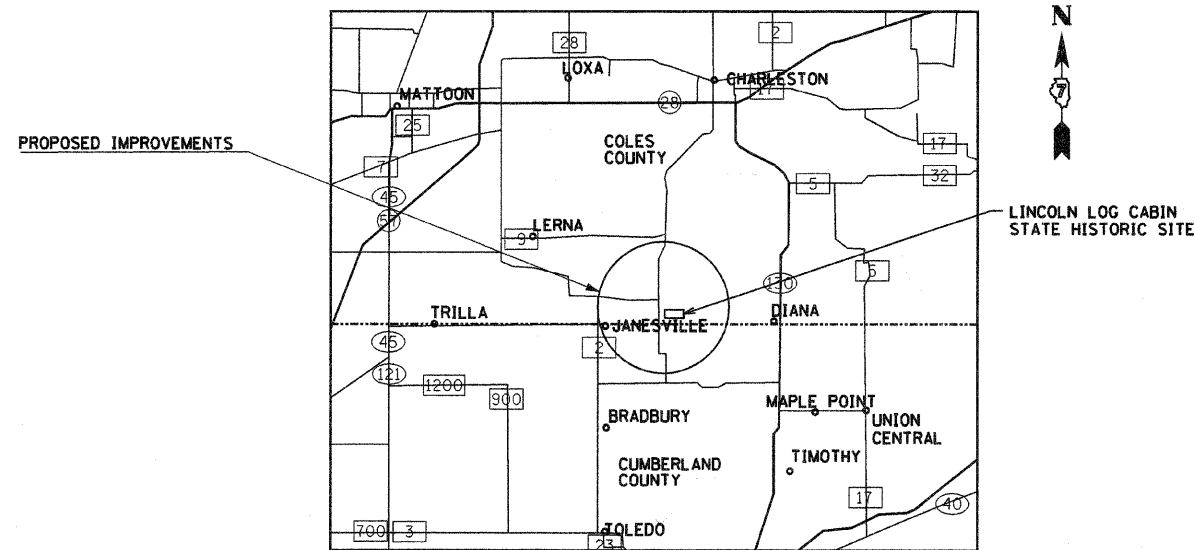
**PROJECT ENGINEER
PROJECT MANAGER**

CONTRACT NO. 46002

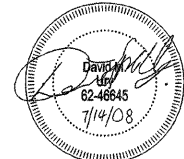
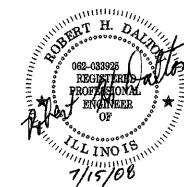
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

IDOT /IHPA STATEWIDE LINCOLN LOG CABIN STATE HISTORIC SITE WALKING PATH IMPROVEMENTS COLES COUNTY C-30-045-08



PROFESSIONAL SEALS
PROFESSIONAL SEAL OF ROBERT H. DALTON P.E.
COVERS THE FOLLOWING SHEETS: 1-11
PROFESSIONAL SEAL OF DAVID URY P.E.
COVERS THE FOLLOWING SHEETS: 12



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 9-30 20 08
Eric E. Harn
DEPUTY DIRECTOR OF HIGHWAYS

October 3 20 08
Eric E. Harn
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

October 3, 20 08
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PAVING SCHEDULE													
LOCATION	PREPARATION OF BASE	AGG BASE REPAIR	BIT MATLS C&S CT	BIT MATLS PR CT	COVER COAT AGG	SEAL COAT AGG	PC CONC SIDEWALK 5	PC CONC SIDEWALK 5 SP	DETECTABLE WARNINGS	CONC CURB	PAINT PVT MK LINE 6	CRACK ROUTING	CRACK FILLING
	(SQ YD)	(TON)	(GALLONS)	(GALLONS)	(TON)	(TON)	(SQ FT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(POUND)
ENTIRE PROJECT		200											
9+75 TO 10+14								390					
10+29 TO 10+95								660					
10+95 TO 16+70	639		719	288	13	8							
16+70 TO 17+66								960					
17+88 TO 18+75								870					
18+75 TO 26+00	806		907	363	16	10							
26+00 TO 28+40								2,400					
28+62 TO 29+15								530					
29+15 TO 30+15	111		125	50	2	1							
30+15 TO 30+17									20				
30+15 TO 34+26									20				
33+09 TO 33+11													
34+40 TO 35+00								4,110					
35+00 TO 43+80	978		1,100	440	20	12		600					
50+05.36 TO 50+80.36	85		96	77	2	1							
51+10.85 TO 51+12.85									20				
51+10.85 TO 54+52.53									23				
54+50.53 TO 54+52.53									23				
54+68.42 TO 54+70.42													
54+52.53 TO 54+68.62										116			
54+68.62 TO 100+07.50							288						
70+05.02 TO 72+03.46								2,021					
72+43.00, 14.86' RT TO 72+58.37, 33.27' RT							177						
80+05.63 TO 80+96								904					
90+05.00 TO 93+01.15								2,659					
100+07.50, VARIES RT & LT TO 101+39.28, VARIES RT & LT							4,666			100			
PATIO AREA													
PARKING LOTS AND ROADS							1,313		120				
TOTAL =	2619	200	2947	1218	53	32	6,444	19,555	226	100	116	1700	1700

SUMMARY OF QUANTITIES			
CODE #	PAY ITEM	UNITS	TOTAL
20800150	TRENCH BACKFILL	CU YD	6
21400100	GRADING AND SHAPING DITCHES	FOOT	2630
25000100	SEEDING, CLASS 1	ACRE	1.3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	94
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	94
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	94
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.2
25100115	MULCH, METHOD 2	ACRE	1.3
28000300	TEMPORARY DITCH CHECKS	EACH	17
28000400	PERIMETER EROSION BARRIER	FOOT	125
28000500	INLET AND PIPE PROTECTION	EACH	5
28100105	STONE RIPRAP, CLASS A3	SQ YD	11
35800100	PREPARATION OF BASE	SQ YD	2619
35800200	AGGREGATE BASE REPAIR	TON	200
40300100	BITUMINOUS MATERIAL (PRIME COAT)	GALLON	1218
40300300	BITUMINOUS MATERIAL (COVER AND SEAL COATS)	GALLON	2947
40300500	COVER COAT AGGREGATE	TON	53
40300600	SEAL COAT AGGREGATE	TON	32
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6444
42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	19555
42400800	DETECTABLE WARNINGS	SQ FT	226
45100100	CRACK ROUTING (PAVEMENT)	FOOT	1700
45100200	CRACK FILLING	POUND	1700
50105220	PIPE CULVERT REMOVAL	FOOT	21
50901760	PIPE HANDRAIL	FOOT	167
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	24
542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	42
54213447	END SECTIONS 12"	EACH	1
54213450	END SECTIONS 15"	EACH	2
550A0050	STORM SEWER, CLASS A, TYPE 1 12"	FOOT	158
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	1
60600105	CONCRETE CURB	FOOT	100
67100100	MOBILIZATION	L SUM	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	12
* 73000100	WOOD SIGN SUPPORT	FOOT	120
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	116
* 81012200	CONDUIT IN TRENCH, 3/4" DIA., PVC	FOOT	160
* 81100200	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., GALVANIZED STEEL	FOOT	40
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP - TYPE USE) 1/2 NO. 10	FOOT	810
* 81900300	TRENCH BACKFILL WITH SCREENINGS AND/OR SAND	FOOT	160
* 82500505	LIGHT CONTROLLER, SPECIAL	EACH	1
* 83600100	LIGHT POLE FOUNDATION	EACH	5
XX000300	CONCRETE STEPS	SQ FT	175
XX002202	VEHICLE CONTROL BOLLARDS	EACH	6
XX003121	TRENCH DRAIN, SPECIAL	FOOT	12
* XX004887	ORNAMENTAL LIGHT UNIT COMPLETE	EACH	5
XX005054	LANDSCAPE PLANTING COMPLETE	L SUM	1
X0350800	BOLLARDS	EACH	6
X0326212	EARTHWORK, SPECIAL	L SUM	1
X0326213	RECONSTRUCT STONE FACING ON WINGWALL	L SUM	1
X0326214	HANDRAIL MODIFICATION	L SUM	1

ELECTRICAL SCHEDULE							
LOCATION	CON T 3/4 PVC	CON AT ST 3/4 GALVS	EC C XLP USE 1C 10	TR & BK FIL W/SCRN SAND	LIGHT POLE FDN	LIGHT CONTROLLER SPL	LIGHT UNIT COMPLETE
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)
100+22.56, 28.30' LT					1		1
100+15.00, 28.40' LT					1		1
100+47.15, 37.60' LT					1		1
100+84.72, 69.35' LT					1		1
100+85.53, 99.58' LT					1		1
VISITOR CENTER & PLAZA AREA	40	160	810	160		1	
TOTAL =	40	160	810	160	5	1	5

LANDSCAPING SCHEDULE	
LOCATION	PLANTING COMPLETE (L SUM)
VISITOR CENTER PLANTING AREA	1
TOTAL =	1

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - S.D.K.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - R.H.D.	REVISED -
	PLOT DATE = #DATE#	DATE - 5/22/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY/SCHEDULE OF QUANTITIES
LINCOLN LOG CABIN STATE HISTORIC SITE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	2
CONTRACT NO. 46002				
SCALE:		SHEET NO. 2 OF 12 SHEETS		STA. TO STA.
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*Specialty Items

JOB NO. 250-081-1 VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

SEEDING SCHEDULE							
LOCATION (STATION TO STATION)	EARTH- WORK SPL	MULCH METHOD 2	SEEDING CL 1	NITROGEN FERT NUTR	PHOSPHORUS FERT NUTR	POTASSIUM FERT NUTR	AGR GROUND LIMESTONE
	(L SUM)	(ACRE)	(ACRE)	(LBS.)	(LBS.)	(LBS.)	(TON)
10+30, 10' RT & LT TO 12+60, 10' RT & LT		0.2	0.2	14	14	14	0.3
14+50, 10' RT & LT TO 17+65, 10' RT & LT		0.2	0.2	20	20	20	0.4
17+85, 10' RT & LT TO 19+50, 10' RT & LT		0.1	0.1	10	10	10	0.2
21+50, 10' LT TO 28+40, 10' LT		0.2	0.2	22	22	22	0.5
26+90, 10' RT TO 28+40, 10' RT		0.1	0.1	9	9	9	0.2
70+11, 10' RT TO 70+60, 10' RT		0.1	0.1	2	2	2	0.1
70+23, 10' LT TO 70+73, 10' LT		0.1	0.1	2	2	2	0.1
70+23, 8' LT TO 70+77.50, 40' LT		0.1	0.1	1	1	1	0.1
100+07.50, VARIES RT & LT TO 101+39.28, VARIES RT & LT		0.1	0.1	8	8	8	0.2
PATIO AREA		0.1	0.1	6	6	6	0.1
TOTAL =	1	1.3	1.3	94	94	94	2.2

EROSION CONTROL SCHEDULE			
LOCATION	TEMP DITCH CHECK	FENCE EROS CONT	INLET & PIPE PROTECT
	(EACH)	(FOOT)	(EACH)
10+35 RT & LT	2		
11+10 RT & LT	2		
11+85 RT & LT	2		
15+50 RT & LT	2		
16+25 RT & LT	2		
17+00 LT	1		
17+17 RT			1
18+10 RT & LT	2		
18+75 RT & LT	2		
27+75 LT			1
28+30 RT	1		
60+68, 195' LT	1		
100+50, 32.6' LT			1
100+85.86, 32.6' LT			1
101+10, 32.8' LT			1
PATIO AREA		125	
TOTAL =	17	125	5

WING WALL AND CONCRETE STEP SCHEDULE		
LOCATION	RECONSTRUCT STONE FACING ON WINGWALL	CONCRETE STEPS
	(L SUM)	(SQ FT)
17+66 PATIO AREA	1	175
TOTAL =	1	175

HANDRAIL AND BOLLARD SCHEDULE				
LOCATION	HANDRAIL MODIFICATION	PIPE HANDRAIL	BOLLARDS	VEH CONT BOLLARDS
	(L SUM)	(FOOT)	(EACH)	(EACH)
9+85				3
32+00 RT & LT TO 32+27 RT & LT		54		
40+00				3
54+43			1	
54+46			1	
54+75 RT TO 54+90 RT		15		
54+77			1	
54+78				
54+78 LT TO 54+92 LT		14	1	
70+20.00 RT & LT TO 70+26.00 RT & LT		12		
71+37.00 RT & LT TO 71+69.50 RT & LT		65		
80+92			2	
100+96.81, 90' LT.	1			
PATIO AREA		7		
TOTAL =	1	167	6	6

DRAINAGE SCHEDULE													
LOCATION	TRENCH BACKFILL	GRADING & SHAP DITCH	STONE RIPRAP CLA3	P CUL CL C 1 12	P CUL CL A 1 15	END SECTIONS 12	END SECTIONS 15	STORM SEW CL A 1 12	MAN ADJUST	INLETS TA T8G	INLETS TB T8G	TRENCH DRAIN SPL	PIPE CULVERT REMOVAL
	(FOOT)	(FOOT)	(SQ YD)	(FOOT)	(FOOT)	(EACH)	(EACH)	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)	(FOOT)
10+30, RT & LT TO 12+60, RT & LT		460											
14+50, RT & LT TO 17+65, RT & LT		630											
17+17, 9' RT TO 17+38, 9' RT				21									
17+68, RT & LT			4										
17+85, RT & LT TO 19+50, RT & LT		330											
20+68, 12' RT & LT							2						
20+68, 12' RT TO 20+68, 12' LT					24								
21+50, LT TO 28+40, LT		690											
27+75 TO 27+96, 9' LT				21									
26+90, RT TO 28+40, RT		150											
60+45 TO 60+68		163											
70+10, RT TO 70+60, RT		50											
70+23, LT TO 70+73, LT		50											
70+23, 6' RT TO 70+23, 6' LT											12		
70+73, 8' LT TO 70+77.50, 40' LT		31											
71+32 TO 71+42													21
100+50, 32.60' LT TO 100+85.86, 32.60' LT								34					
100+50, 32.6' LT										1			
100+71.65, 32.70' LT TO 100+83.17, 32.70' LT	2												
100+85.86, 32.60' LT											1		
100+85.86, 32.60' LT TO 100+95.00, 132' LT								100					
100+85.86, 32.60' LT TO 101+10.00, 32.80' LT								24					
100+88.00, 81.50' LT TO 100+88.00, 91.62' LT	2												
100+96.40, 32.70' LT TO 101+02.00, 32.70' LT	2												
100+95 TO 101+24		76											
100+95.00, 132' LT			7										
101+10.00, 32.60' LT						1							
101+12.70, 1.30' RT										1			
TOTAL =	6	2630	11	42	24	1	2	158	1	2	1	12	21

SIGNING SCHEDULE			
LOCATION	SIGN PANELS T-1	WOOD SIGN SUPPORT (4x4)	
	(SQ FT)	(FOOT)	
9+79 RT & LT	2	20	
30+15 RT & LT	2	20	
33+09 RT & LT	2	20	
51+13 RT & LT	2	20	
62+40 RT & LT	2	20	
62+72 RT & LT	2	20	
TOTAL =	12	120	
NOTE:	MESSAGE ON THE SIGNS SHALL READ: NOT A HANDICAP ACCESSIBLE ROUTE		

MOBILIZATION	
LOCATION	QUANTITY (LSUM)
ENTIRE PROJECT	1 LSUM
TOTAL =	1 LSUM

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES LINCOLN LOG CABIN STATE HISTORIC SITE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - S.D.K.	REVISED -		SCALE:	SHEET NO. 3 OF 12 SHEETS	STA.	TO STA.	COLES	12	3	
		CHECKED - T.T.P.	REVISED -					CONTRACT NO. 46002				
		DATE - 5/22/08	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

LIST OF STANDARDS

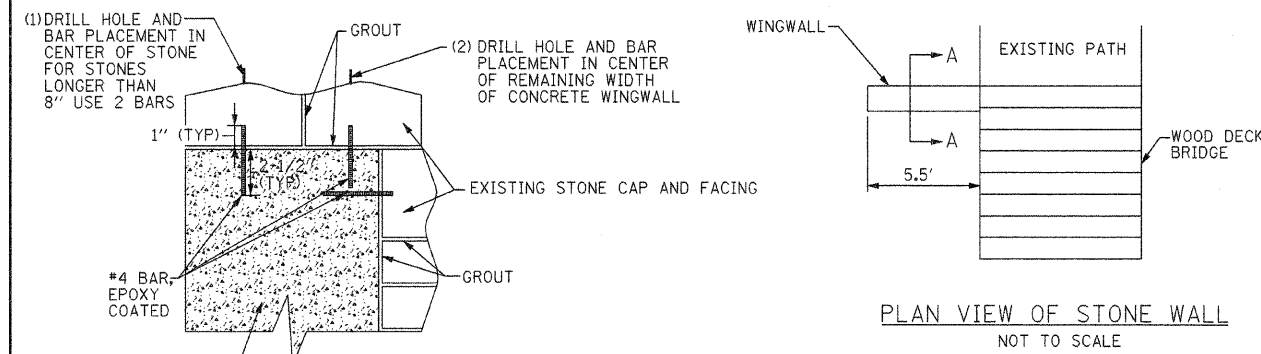
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 542301-01 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602301-01 INLET, TYPE A
- 602306-01 INLET, TYPE B
- 604036-01 GRATE TYPE B
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701901 TRAFFIC CONTROL DEVICES

MIXES AND APPLICATION RATE TABLES

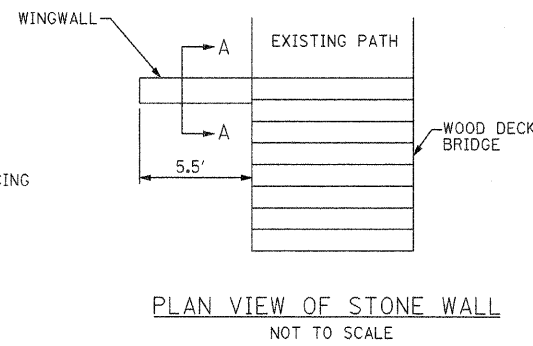
PRIME APPLICATION RATES			
BIT MATLS PR CT	BIT MATLS C&S CT	COVER COAT AGG	SEAL COAT AGG
0.375 GAL/SQ YD	0.375 LB/SQ YD	20 LB/SQ YD	25 LB/SQ YD

GENERAL NOTES

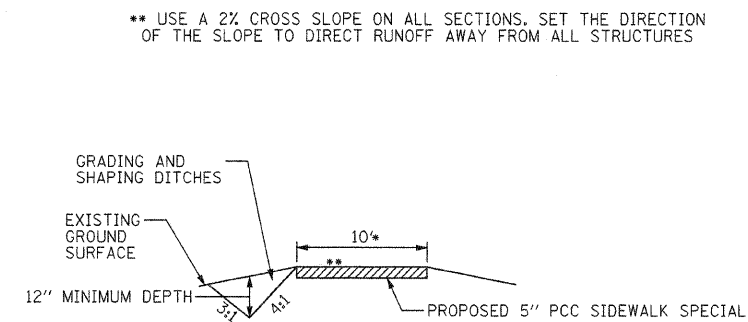
- 1) ALL ELEVATIONS ARE REFERENCED TO ELEVATIONS ESTABLISHED BY VASCONCELLES ENGINEERING CORP.
- 2) WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
- 3) THE CONTRACTOR SHALL CONTACT J.U.L.I.E. PRIOR TO ANY EXCAVATION TO HAVE ALL PUBLIC AND PRIVATE UTILITIES LOCATED.
- 4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES, WITH UTILITY COMPANIES LISTED.
- 5) ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS.
- 6) ALL DETAILS IN THE PLANS SHALL GOVERN CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND GOVERN.



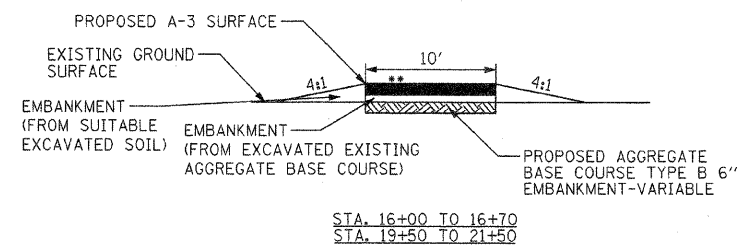
RECONSTRUCT STONE FACING ON WING WALL SECTION A-A NOT TO SCALE



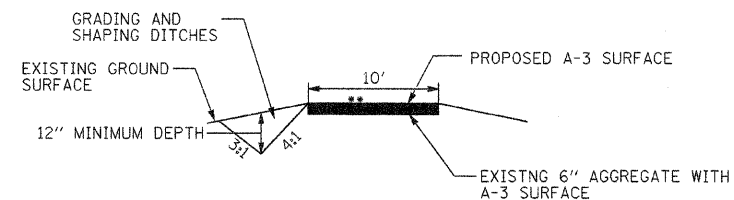
PLAN VIEW OF STONE WALL NOT TO SCALE



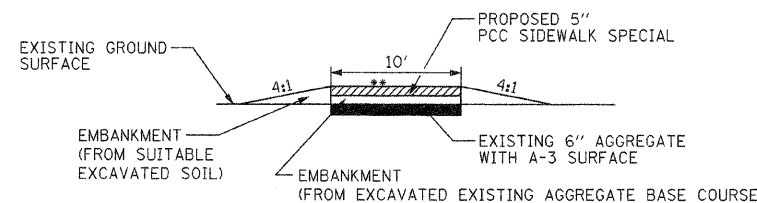
STA. 9+75 TO 10+14, STA. 10+29 TO 10+95, STA. 26+00 TO 28+40, STA. 28+62 TO 29+15, STA. 30+15 TO 31+50, STA. 33+18 TO 34+26, STA. 34+40 TO 35+00, STA. 51+10.85 TO 54+52.53, STA. 71+75 TO 72+03.46, *8' STA. 90+05 TO 93+01.15



STA. 16+00 TO 16+70, STA. 19+50 TO 21+50

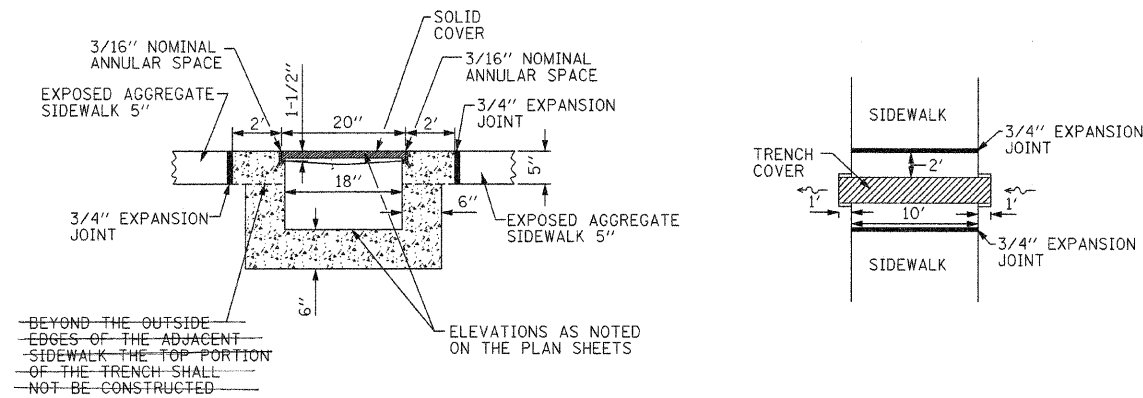


STA. 10+95 TO 16+00, STA. 29+15 TO 30+15, STA. 18+75 TO 19+50, STA. 21+50 TO 26+00, STA. 35+00 TO 43+80, STA. 50+05.36 TO 50+80.36

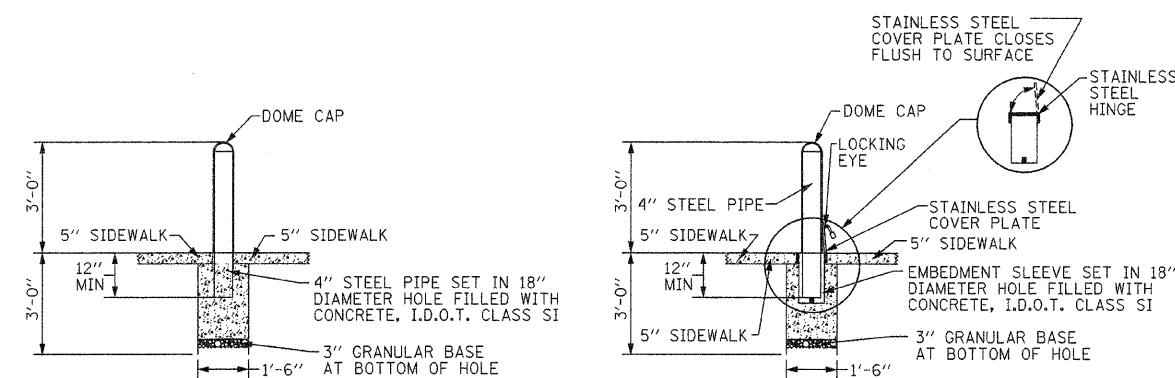


STA. 16+70 TO STA. 17+66, STA. 17+88 TO 18+75, STA. 31+50 TO STA. 33+18, STA. 70+05.02 TO 71+75, STA. 80+05.63 TO 80+96

TYPICAL SECTIONS NOT TO SCALE



TRENCH DRAIN, SPECIAL NOT TO SCALE



BOLLARD DETAIL NOT TO SCALE

VEHICLE CONTROL BOLLARD DETAIL NOT TO SCALE

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - T.T.P.	REVISED -
		DRAWN - S.D.K.	REVISED -
		CHECKED - T.T.P.	REVISED -
		DATE - 2/27/08	REVISED -

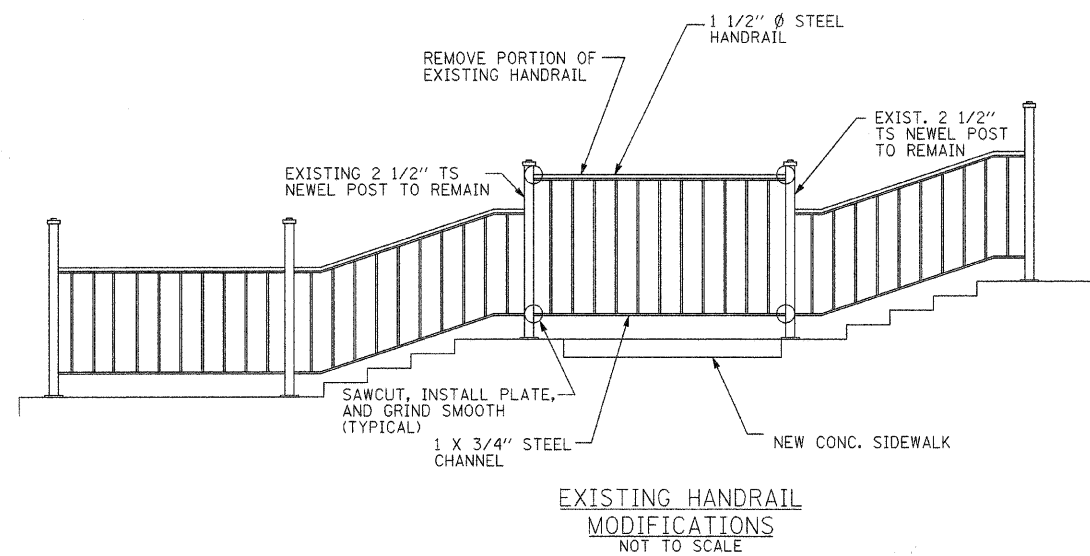
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOTES & VARIOUS DETAILS
LINCOLN LOG CABIN STATE HISTORIC SITE

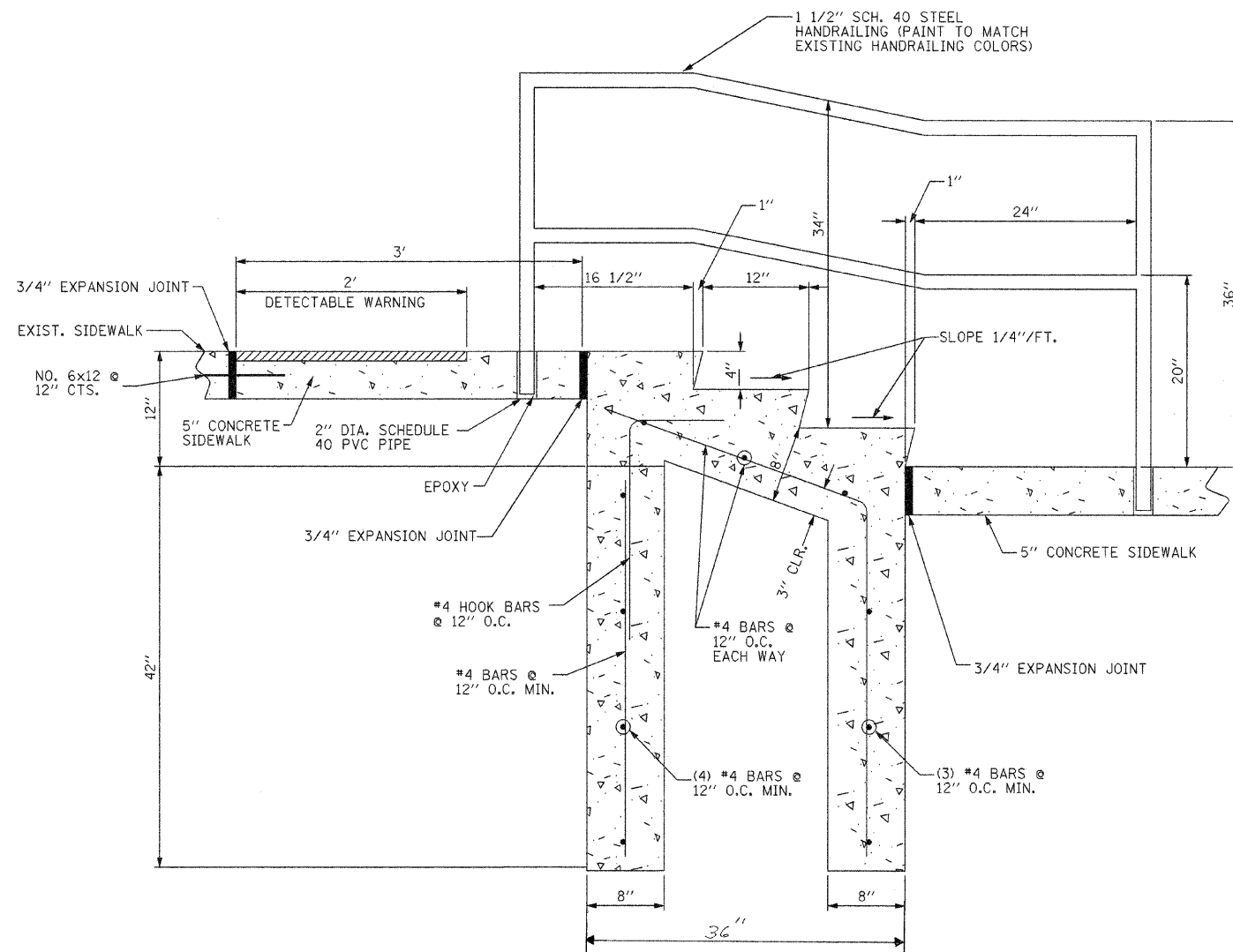
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	4
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. 4 OF 12 SHEETS STA. TO STA.

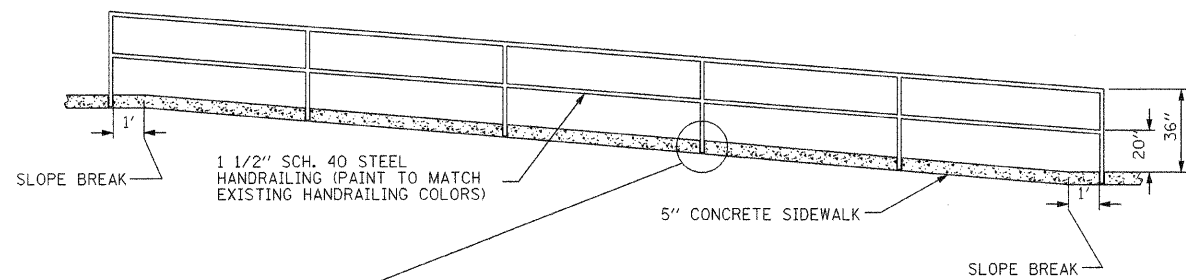
CONTRACT NO. 46002



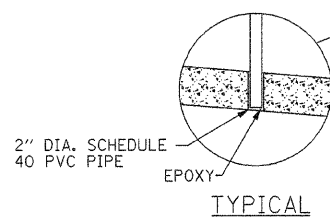
EXISTING HANDRAIL MODIFICATIONS
NOT TO SCALE



VISITOR CENTER STEPS AND HANDRAIL DETAIL
NOT TO SCALE



HANDRAIL ALONG SIDEWALK RAMPS
NOT TO SCALE



TYPICAL

FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - J.T.F.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -
	PLOT DATE = #DATE#	DATE - 5/22/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAILING & STEP DETAIL
LINCOLN LOG CABIN STATE HISTORIC SITE

SCALE: SHEET NO. 5 OF 12 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	5
CONTRACT NO. 46002				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

JOB NO. 250-061-1 VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

<p>PROPOSED CURVE C1 PI STA. = 12+60.42 PI COORDINATE N = 988,561.2849 E = 1,020,480.3067 Δ = 30° 36' 28" (RT) D = 10° 25' 03" R = 550.00' T = 150.50' L = 293.81' E = 20.22' P.C. STA. = 11+09.91 P.T. STA. = 14+03.73</p>	<p>PROPOSED CURVE C8 PI STA. = 20+87.86 PI COORDINATE N = 988,616.5024 E = 1,021,280.9907 Δ = 54° 30' 52" (RT) D = 42° 26' 29" R = 135.00' T = 69.55' L = 128.45' E = 16.86' P.C. STA. = 20+18.31 P.T. STA. = 21+46.76</p>	<p>PROPOSED CURVE C14 PI STA. = 34+62.75 PI COORDINATE N = 987,757.3048 E = 1,020,828.4673 Δ = 14° 15' 06" (RT) D = 32° 10' 03" R = 178.12' T = 22.27' L = 44.30' E = 1.39' P.C. STA. = 34+40.49 P.T. STA. = 34+84.79</p>	<p>PROPOSED CURVE C20 PI STA. = 43+49.90 PI COORDINATE N = 988,153.2457 E = 1,020,105.7057 Δ = 31° 37' 11" (RT) D = 32° 44' 26" R = 175.00' T = 49.55' L = 96.58' E = 6.88' P.C. STA. = 43+00.35 P.T. STA. = 43+96.93</p>	<p>PROPOSED CURVE C24 PI STA. = 53+14.81 PI COORDINATE N = 988,279.9583 E = 1,020,728.8764 Δ = 36° 56' 59" (LT) D = 28° 04' 06" R = 204.13' T = 25.23' L = 131.64' E = 11.09' P.C. STA. = 52+46.61 P.T. STA. = 53+78.25</p>	<p>PROPOSED CURVE C27 PI STA. = 61+00.23 PI COORDINATE N = 988,168.1627 E = 1,020,739.7234 Δ = 53° 32' 49" (RT) D = 114° 35' 30" R = 50.00' T = 25.23' L = 46.73' E = 6.00' P.C. STA. = 60+75.00 P.T. STA. = 61+21.73</p>	<p>PROPOSED CURVE C30 PI STA. = 90+63.61 PI COORDINATE N = 987,853.9985 E = 1,021,221.9516 Δ = 57° 14' 07" (LT) D = 71° 37' 11" R = 80.00' T = 43.65' L = 79.92' E = 11.13' P.C. STA. = 90+19.96 P.T. STA. = 90+99.88</p>	<p>PROPOSED CURVE C32 PI STA. = 91+79.90 PI COORDINATE N = 987,939.0206 E = 1,021,140.2152 Δ = 59° 10' 51" (LT) D = 190° 59' 09" R = 30.00' T = 17.04' L = 30.99' E = 4.50' P.C. STA. = 91+62.87 P.T. STA. = 91+93.85</p>	<p>PROPOSED CURVE C34 PI STA. = 92+79.57 PI COORDINATE N = 987,999.6444 E = 1,021,065.3988 Δ = 58° 44' 33" (LT) D = 286° 28' 44" R = 20.00' T = 11.26' L = 20.51' E = 2.95' P.C. STA. = 92+68.32 P.T. STA. = 92+88.82</p>	<p>CONTROL FOR BASELINE OF IMPROVEMENTS</p> <p>STA. 100+00 N = 988231.1636 E = 1020883.0515</p> <p>STA. 101+00 N = 988149.8882 E = 1020941.3122</p>
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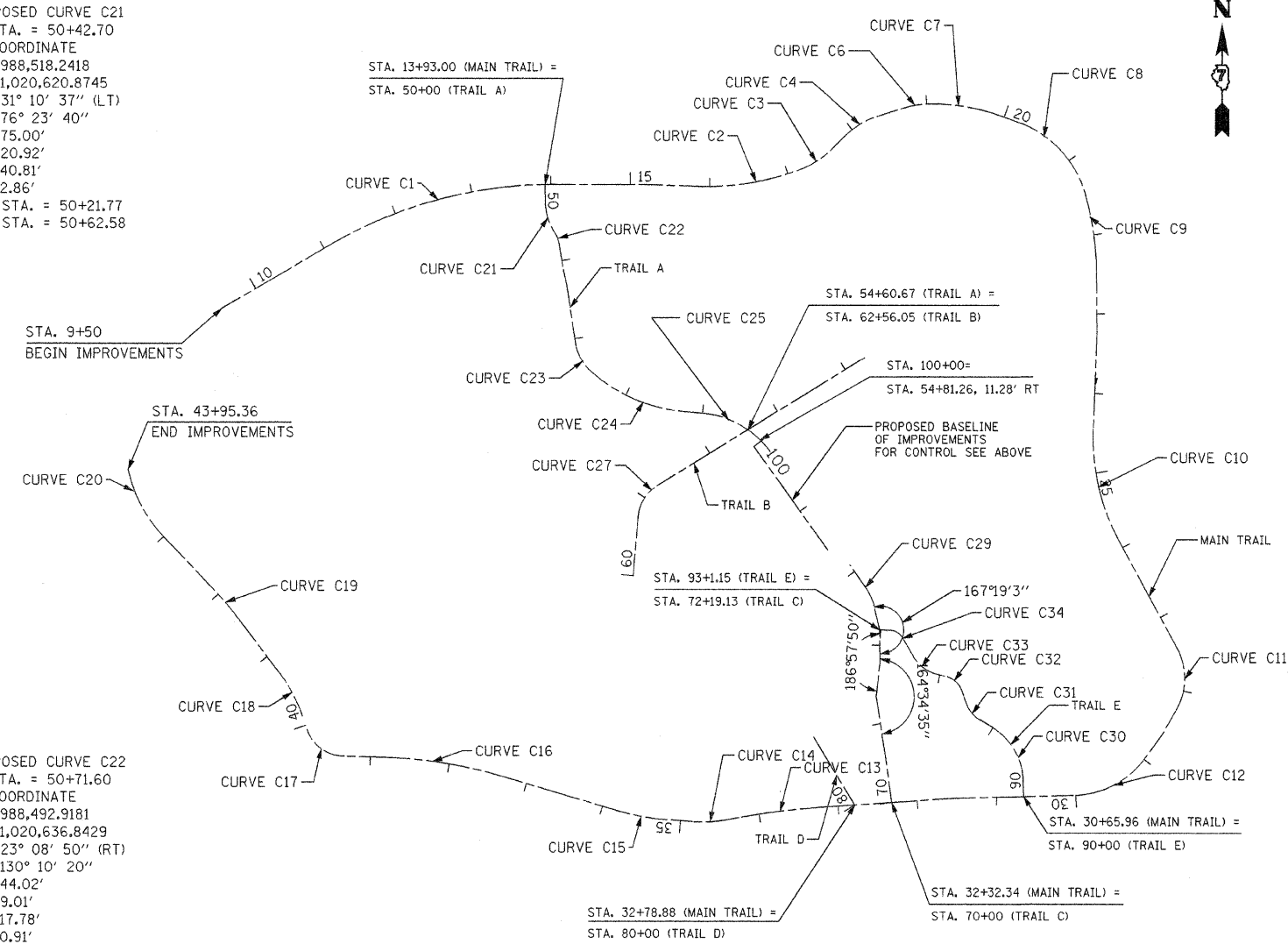
<p>PROPOSED CURVE C2 PI STA. = 16+52.49 PI COORDINATE N = 988,557.0431 E = 1,020,879.5151 Δ = 21° 57' 24" (LT) D = 17° 37' 06" R = 325.21' T = 63.09' L = 124.62' E = 6.06' P.C. STA. = 15+89.40 P.T. STA. = 17+14.03</p>	<p>PROPOSED CURVE C9 PI STA. = 21+97.15 PI COORDINATE N = 988,501.1506 E = 1,021,313.8630 Δ = 15° 18' 26" (RT) D = 15° 16' 44" R = 375.00' T = 50.39' L = 100.19' E = 3.37' P.C. STA. = 21+46.76 P.T. STA. = 22+46.94</p>	<p>PROPOSED CURVE C15 PI STA. = 35+49.79 PI COORDINATE N = 987,763.5224 E = 1,020,741.4207 Δ = 15° 18' 26" (RT) D = 19° 05' 55" R = 300.00' T = 33.03' L = 65.79' E = 1.81' P.C. STA. = 35+16.76 P.T. STA. = 35+82.56</p>	<p>PROPOSED CURVE C21 PI STA. = 50+42.70 PI COORDINATE N = 988,518.2418 E = 1,020,620.8745 Δ = 12° 33' 56" (LT) D = 76° 23' 40" R = 75.00' T = 20.92' L = 40.81' E = 2.86' P.C. STA. = 50+21.77 P.T. STA. = 50+62.58</p>
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<p>PROPOSED CURVE C3 PI STA. = 17+40.24 PI COORDINATE N = 988,588.0494 E = 1,020,963.2608 Δ = 24° 38' 49" (LT) D = 47° 44' 47" R = 120.00' T = 26.22' L = 51.62' E = 2.83' P.C. STA. = 17+14.03 P.T. STA. = 17+65.65</p>	<p>PROPOSED CURVE C10 PI STA. = 25+19.92 PI COORDINATE N = 988,177.9287 E = 1,021,307.8475 Δ = 30° 34' 23" (LT) D = 20° 50' 05" R = 275.00' T = 75.16' L = 146.74' E = 10.09' P.C. STA. = 24+44.75 P.T. STA. = 25+91.50</p>	<p>PROPOSED CURVE C16 PI STA. = 38+07.27 PI COORDINATE N = 987,837.3772 E = 1,020,494.4851 Δ = 15° 15' 05" (LT) D = 9° 32' 57" R = 600.00' T = 80.33' L = 159.71' E = 5.35' P.C. STA. = 37+26.94 P.T. STA. = 38+86.65</p>
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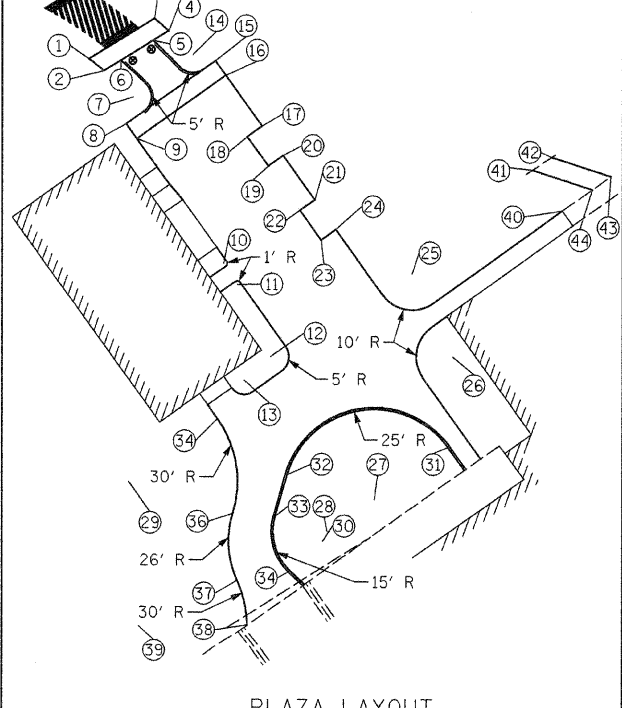
<p>PROPOSED CURVE C4 PI STA. = 18+12.26 PI COORDINATE N = 988,639.5166 E = 1,021,014.7934 Δ = 27° 18' 30" (RT) D = 57° 17' 45" R = 100.00' T = 24.29' L = 47.66' E = 2.91' P.C. STA. = 17+87.97 P.T. STA. = 18+35.63</p>	<p>PROPOSED CURVE C11 PI STA. = 27+88.24 PI COORDINATE N = 987,938.7581 E = 1,021,437.1868 Δ = 71° 03' 14" (RT) D = 71° 37' 11" R = 80.00' T = 43.94' L = 80.37' E = 11.27' P.C. STA. = 27+44.29 P.T. STA. = 28+24.66</p>	<p>PROPOSED CURVE C17 PI STA. = 39+68.32 PI COORDINATE N = 987,840.4664 E = 1,020,332.5197 Δ = 57° 33' 36" (RT) D = 114° 35' 30" R = 50.00' T = 35.70' L = 62.01' E = 11.44' P.C. STA. = 39+32.62 P.T. STA. = 39+94.63</p>
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<p>PROPOSED CURVE C6 PI STA. = 18+85.62 PI COORDINATE N = 988,662.0435 E = 1,021,085.5699 Δ = 16° 37' 06" (RT) D = 44° 50' 48" R = 127.76' T = 18.66' L = 37.06' E = 1.36' P.C. STA. = 18+66.96 P.T. STA. = 19+04.01</p>	<p>PROPOSED CURVE C12 PI STA. = 29+54.61 PI COORDINATE N = 987,793.1206 E = 1,021,342.7678 Δ = 52° 29' 46" (RT) D = 49° 49' 21" R = 115.00' T = 56.71' L = 105.37' E = 13.22' P.C. STA. = 28+97.90 P.T. STA. = 30+03.27</p>	<p>PROPOSED CURVE C18 PI STA. = 40+44.39 PI COORDINATE N = 987,921.2997 E = 1,020,304.7643 Δ = 18° 18' 16" (LT) D = 28° 38' 52" R = 200.00' T = 32.22' L = 63.89' E = 2.58' P.C. STA. = 40+12.17 P.T. STA. = 40+76.07</p>	<p>PROPOSED CURVE C22 PI STA. = 50+71.60 PI COORDINATE N = 988,492.9181 E = 1,020,636.8429 Δ = 23° 08' 50" (RT) D = 130° 10' 20" R = 44.02' T = 9.01' L = 17.78' E = 0.91' P.C. STA. = 50+62.58 P.T. STA. = 50+80.36</p>
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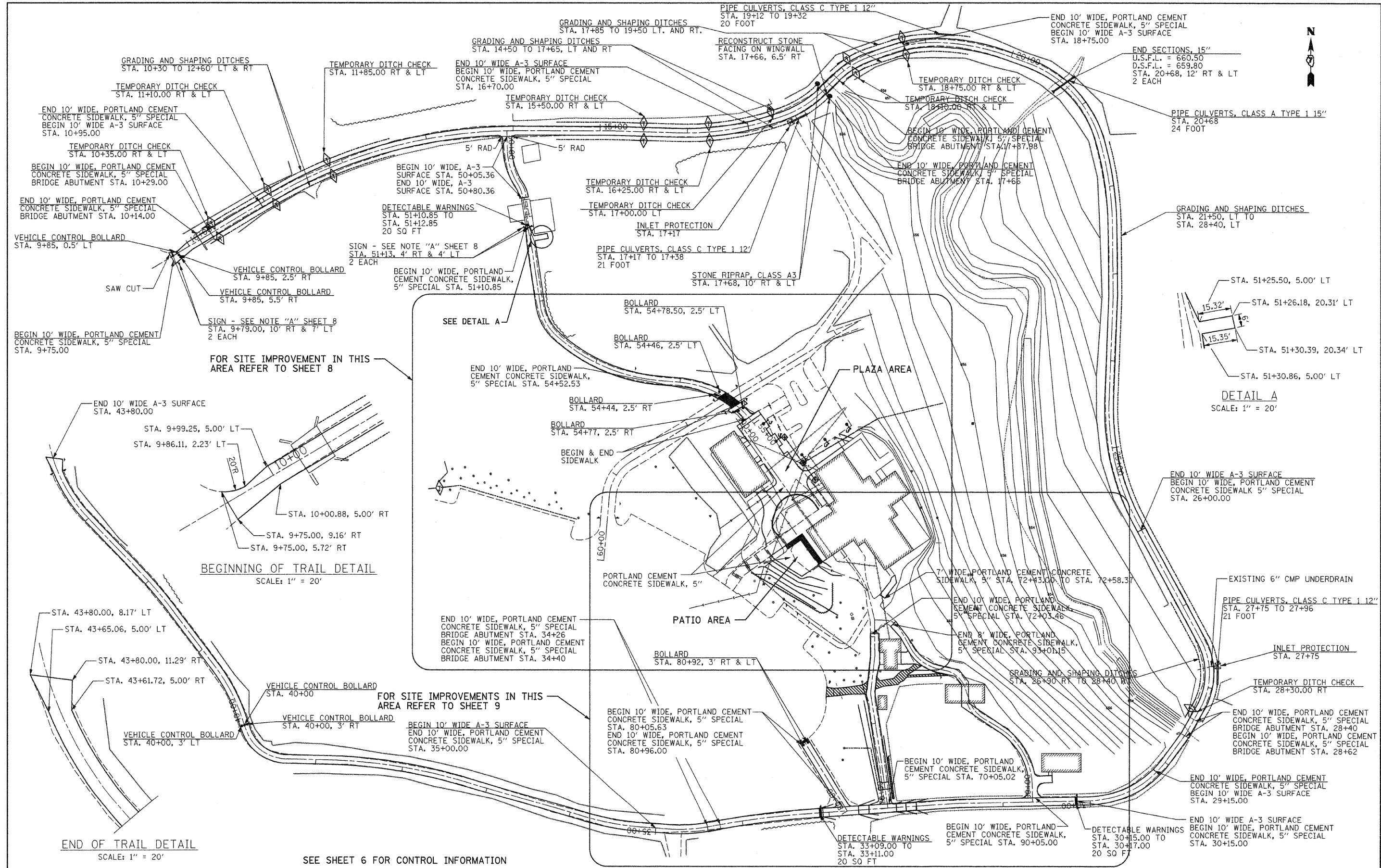
<p>PROPOSED CURVE C7 PI STA. = 19+49.48 PI COORDINATE N = 988,663.2041 E = 1,021,149.6884 Δ = 20° 37' 00" (RT) D = 22° 55' 06" R = 250.00' T = 45.47' L = 89.96' E = 4.10' P.C. STA. = 19+04.01 P.T. STA. = 19+93.97</p>	<p>PROPOSED CURVE C13 PI STA. = 33+73.37 PI COORDINATE N = 987,773.0987 E = 1,020,916.5452 Δ = 6° 10' 30" (LT) D = 5° 52' 22" R = 975.64' T = 52.63' L = 105.15' E = 1.42' P.C. STA. = 33+20.75 P.T. STA. = 34+25.90</p>	<p>PROPOSED CURVE C19 PI STA. = 41+86.46 PI COORDINATE N = 988,034.8015 E = 1,020,218.4159 Δ = 6° 18' 59" (LT) D = 11° 27' 33" R = 500.00' T = 21.80' L = 55.12' E = 0.76' P.C. STA. = 41+58.87 P.T. STA. = 42+13.99</p>	<p>PROPOSED CURVE C23 PI STA. = 52+26.58 PI COORDINATE N = 988,339.7149 E = 1,020,661.5724 Δ = 39° 56' 22" (LT) D = 95° 29' 35" R = 60.00' T = 21.80' L = 41.82' E = 3.84' P.C. STA. = 52+04.78 P.T. STA. = 52+46.61</p>
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NO.	NORTHING	EASTING
1	988240.65	1020873.66
2	988237.35	1020877.84
3	988251.79	1020891.74
4	988248.33	1020895.65
5	988245.69	1020891.37
6	988240.21	1020882.47
7	988230.13	1020885.91
8	988222.64	1020884.04
9	988218.58	1020886.95
10	988184.37	1020910.87
11	988178.68	1020914.95
12	988158.88	1020924.23
13	988152.19	1020916.55
14	988241.90	1020902.32
15	988240.22	1020908.55
16	988236.15	1020911.47
17	988222.14	1020921.51
18	988219.23	1020917.45
19	988211.10	1020923.27
20	988214.01	1020927.33
21	988201.82	1020936.07
22	988198.91	1020932.01
23	988190.78	1020937.84
24	988193.70	1020941.90
25	988181.50	1020962.95
26	988158.70	1020974.08
27	988119.23	1020952.53
28	988110.43	1020939.60
29	988124.21	1020884.78
30	988107.74	1020938.31
31	988133.78	1020972.86
32	988126.12	1020928.50
33	988114.57	1020925.19
34	988099.49	1020929.34
35	988141.59	1020909.23
36	988115.93	1020913.61
37	988096.87	1020914.69
38	988084.52	1020917.46
39	988084.28	1020887.46
40	988198.92	1021004.27
41	988210.16	1020995.97
42	988213.70	1021001.31
43	988208.51	1021017.59
44	988204.87	1021012.54



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">BASELINE INFORMATION LINCOLN LOG CABIN STATE HISTORIC SITE</p>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - J.T.F.	REVISED -		SCALE: 1"=100'	SHEET NO. 6 OF 12 SHEETS	STA.	TO STA.	COLES	12	6
		CHECKED - T.T.P.	REVISED -							CONTRACT NO. 46002	
		DATE - 5/22/08	REVISED -						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - S.D.K.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -
	PLOT DATE = #DATE#	DATE - 5/22/08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERALL LAYOUT	
LINCOLN LOG CABIN STATE HISTORIC SITE	
SCALE: 1" = 50'	SHEET NO. 7 OF 12 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	7
CONTRACT NO. 46002				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

FOR SITE IMPROVEMENT IN THIS AREA REFER TO SHEET 8

FOR SITE IMPROVEMENTS IN THIS AREA REFER TO SHEET 9

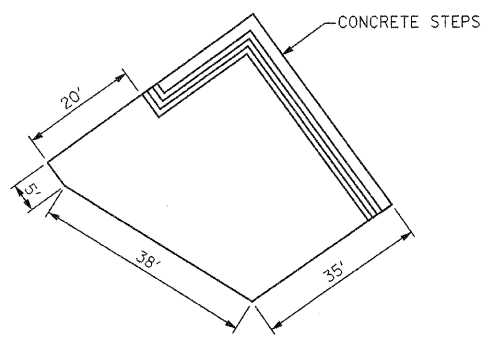
BEGINNING OF TRAIL DETAIL
SCALE: 1" = 20'

END OF TRAIL DETAIL
SCALE: 1" = 20'

DETAIL A
SCALE: 1" = 20'

SEE SHEET 6 FOR CONTROL INFORMATION

JOB NO. 250-061-I VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

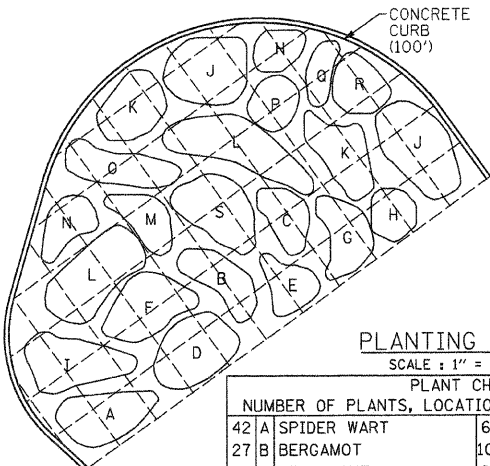


DETAIL A
NOT TO SCALE

TEMPORARY DITCH CHECK
STA. 60+68, 195' RT

GRADING AND SHAPING DITCHES
STA. 60+45, 35' LT TO
STA. 60+68, 195' LT
163 FOOT

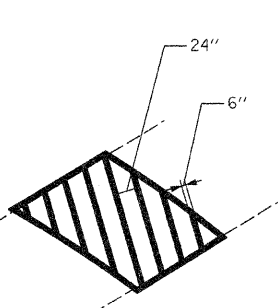
NOTE "A":
NOT A HANDICAP
ACCESSIBLE
ROUTE



PLANTING AREA
SCALE: 1" = 10'

PLANT CHART
NUMBER OF PLANTS, LOCATION, AND COMMON NAME

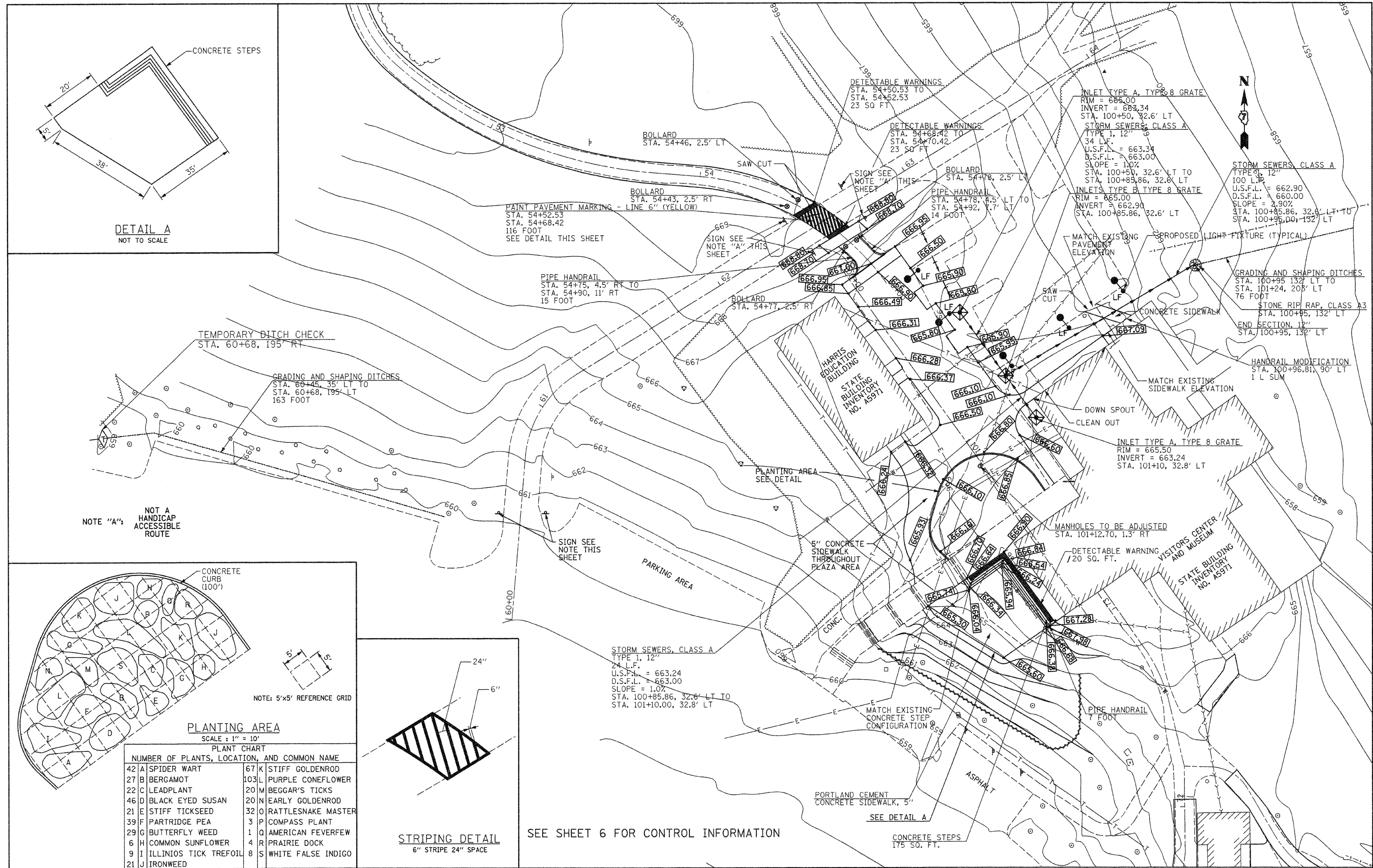
42 A SPIDER WART	67 K STIFF GOLDENROD
27 B BERGAMOT	103 L PURPLE CONEFLOWER
22 C LEADPLANT	20 M BEGGAR'S TICKS
46 D BLACK EYED SUSAN	20 N EARLY GOLDENROD
21 E STIFF TICKSEED	32 O RATTLESNAKE MASTER
39 F PARTRIDGE PEA	3 P COMPASS PLANT
29 G BUTTERFLY WEED	1 Q AMERICAN FEVERFEW
6 H COMMON SUNFLOWER	4 R PRAIRIE DOCK
9 I ILLINOIS TICK TREFOIL	8 S WHITE FALSE INDIGO
21 J IRONWEED	



STRIPING DETAIL
6" STRIPE 24" SPACE

SEE SHEET 6 FOR CONTROL INFORMATION

STORM SEWERS, CLASS A
TYPE 1, 12"
24 L.F.
U.S.F.L. = 663.24
D.S.F.L. = 663.00
SLOPE = 1.0%
STA. 100+85.86, 32.6' LT TO
STA. 101+10.00, 32.8' LT



FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - K.M.S.	REVISED -
		CHECKED - T.T.P	REVISED -
		DATE - 5/22/08	REVISED -

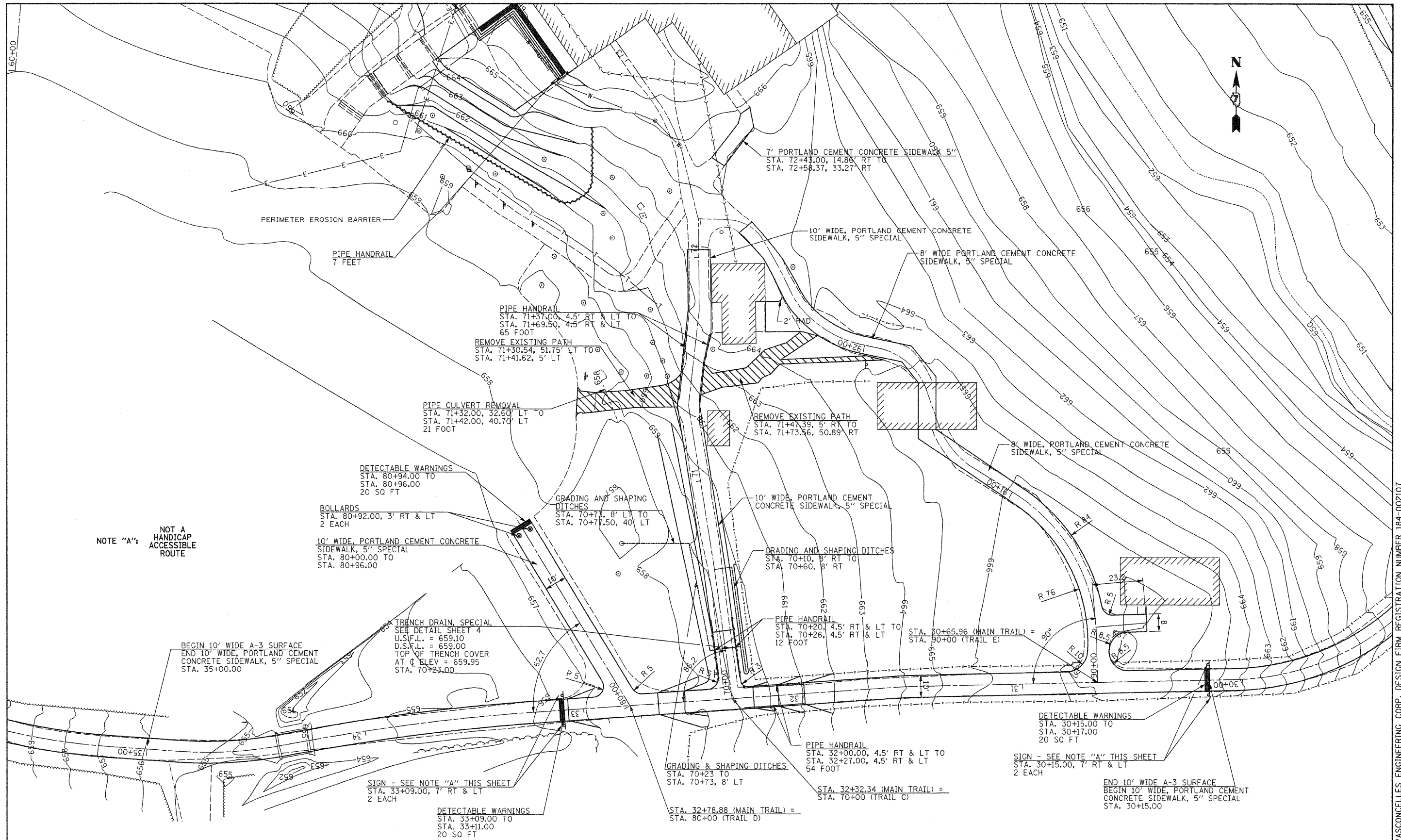
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAZA & PATIO LAYOUT
LINCOLN LOG CABIN STATE HISTORIC SITE

SCALE: 1"=20' SHEET NO. 8 OF 12 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	8
CONTRACT NO. 46002				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

JOB NO. 250-061-I VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107



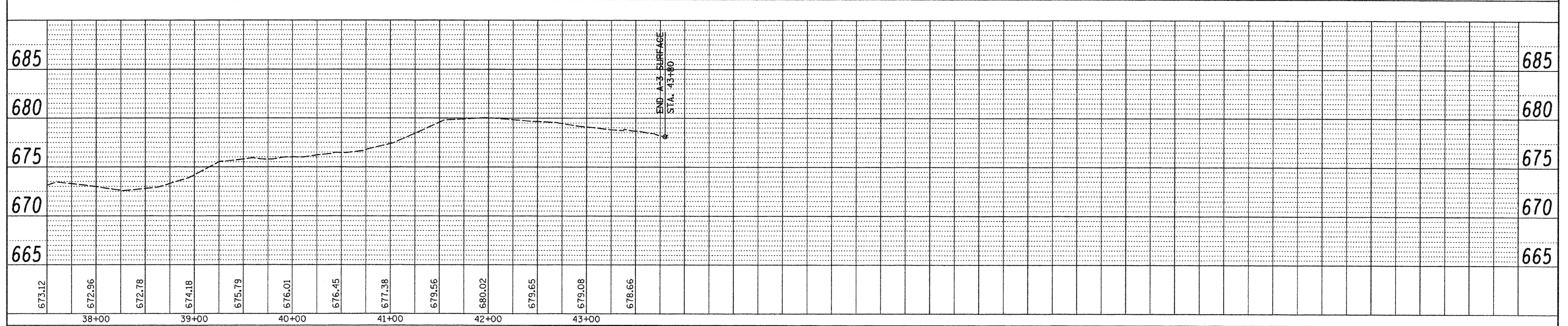
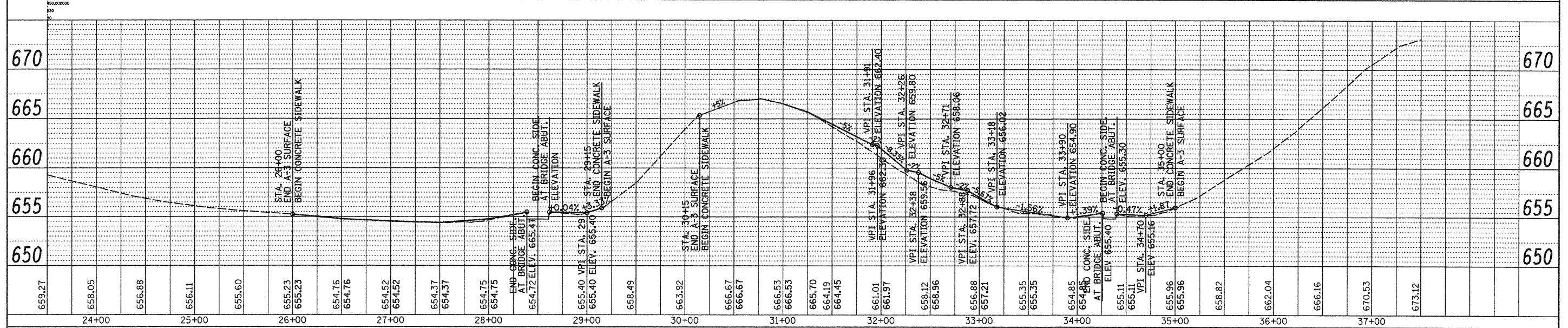
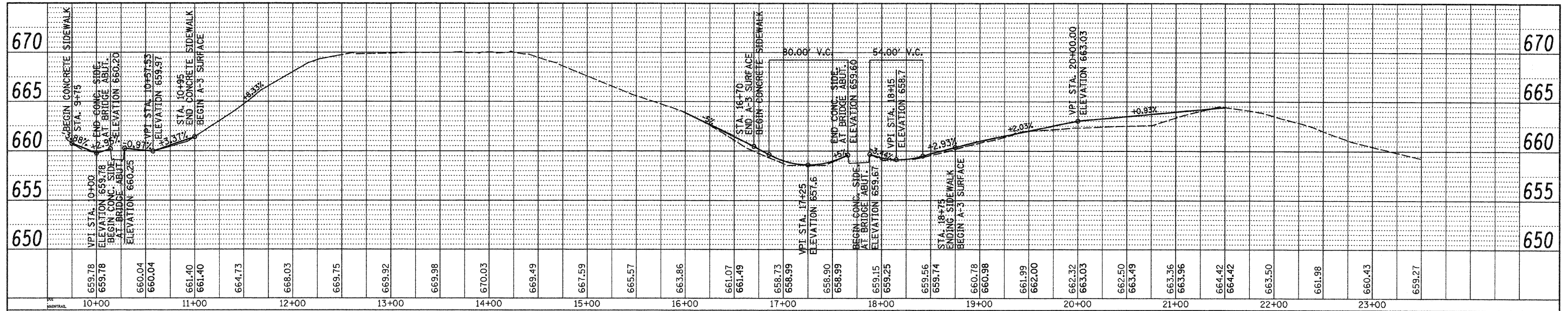
NOTE "A": NOT A HANDICAP ACCESSIBLE ROUTE

SEE SHEET 6 FOR CONTROL INFORMATION

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW SIDEWALK SOUTH OF VISITORS CENTER LINCOLN LOG CABIN STATE HISTORIC SITE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - S.D.K.	REVISED -		SCALE: 1"=20'	SHEET NO. 9 OF 12 SHEETS	STA.	TO STA.	COLES	12	9
	PLOT DATE = #DATE#	CHECKED - T.T.P.	REVISED -						CONTRACT NO. 46002		
		DATE - 5/22/08	REVISED -						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

JOB NO. 250-061-1 VASCONCELLES ENGINEERING CORP. DESIGN FIRM REGISTRATION NUMBER 184-002107

PROFILE
 DRAWN BY: _____ DATE: _____
 CHECKED BY: _____
 GRADES CHECKED BY: _____
 NOTE BOOK NO. _____
 SURVEYED BY: _____
 SHOWN BY: _____
 NOTATION: OTRD



FILE NAME = #FILE#
 USER NAME = #USER#
 PLOT SCALE = #SCALE#
 PLOT DATE = #DATE#

DESIGNED - R.H.D.
 DRAWN - S.D.K.
 CHECKED - T.T.P.
 DATE - 6/18/08

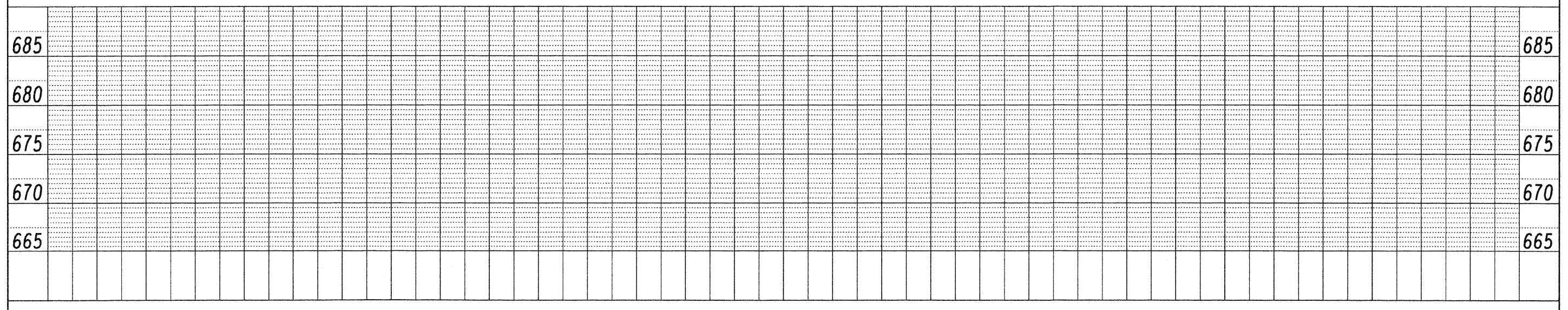
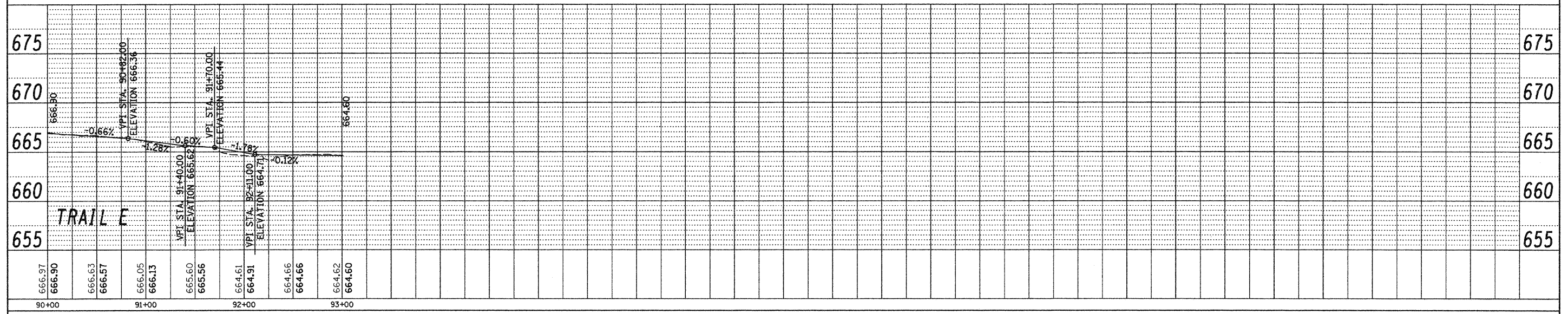
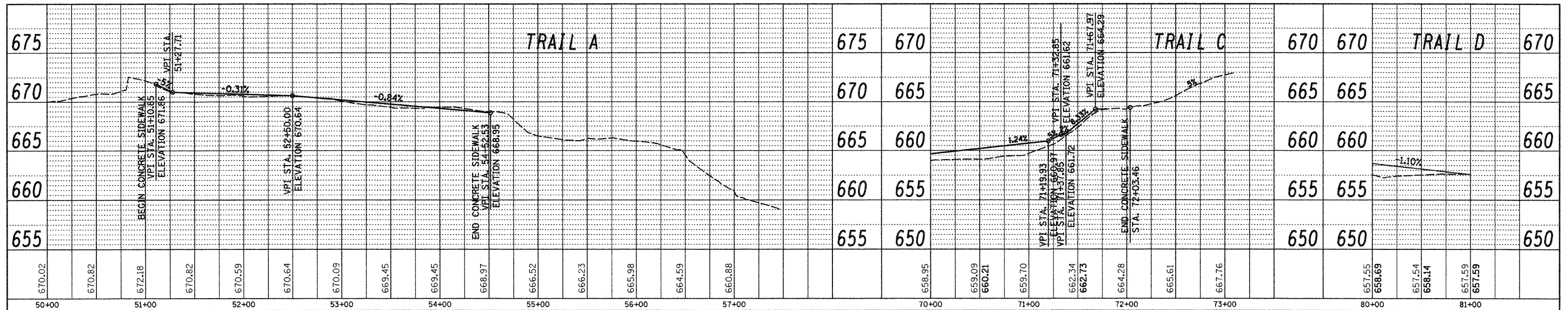
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAIN TRAIL PROFILE
 LINCOLN LOG CABIN STATE HISTORIC SITE

SCALE: SHEET NO. 10 OF 12 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	10
CONTRACT NO. 46002				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PROFILE PLOTTED BY DATE
 GRADES CHECKED
 S.M. NOTED
 STRUCTURAL NOTATIONS CHECKED

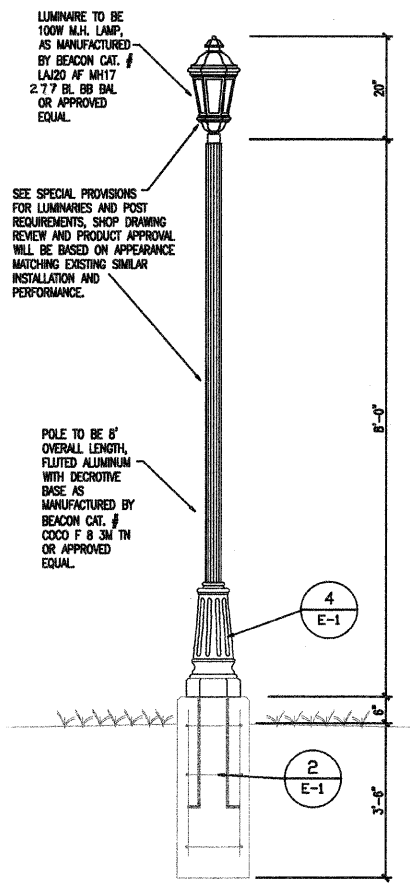
FILE NAME =	USER NAME = #USER#	DESIGNED - R.H.D.	REVISED -
#FILE#		DRAWN - S.D.K.	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - T.T.P.	REVISED -
	PLOT DATE = #DATE#	DATE - 5/22/08	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

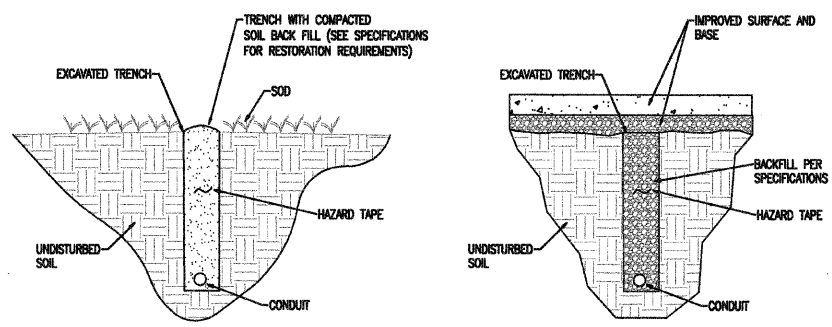
**TRAIL A, C, D, AND E PROFILES
 LINCOLN LOG CABIN STATE HISTORIC SITE**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	11
CONTRACT NO. 46002				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

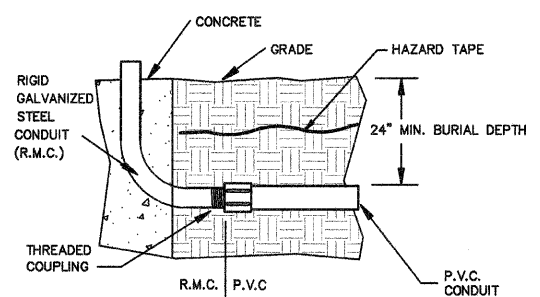
SCALE: SHEET NO. 11 OF 12 SHEETS STA. TO STA.



1 SITE LIGHTING POST DETAIL
E-1 NO SCALE



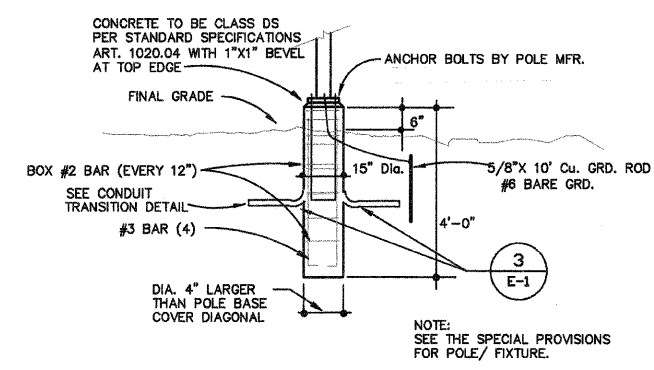
TYPICAL CONDUIT TRENCHING DETAILS
NO SCALE



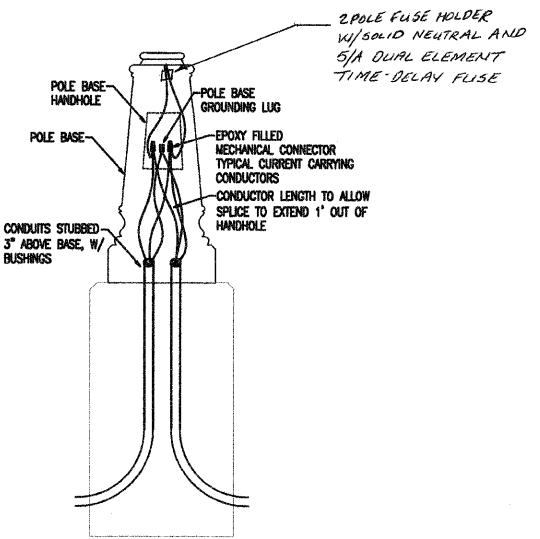
3 TYPICAL CONDUIT TRANSITION
E-1 NO SCALE

ELECTRICAL NOTE AND TAG LEGEND

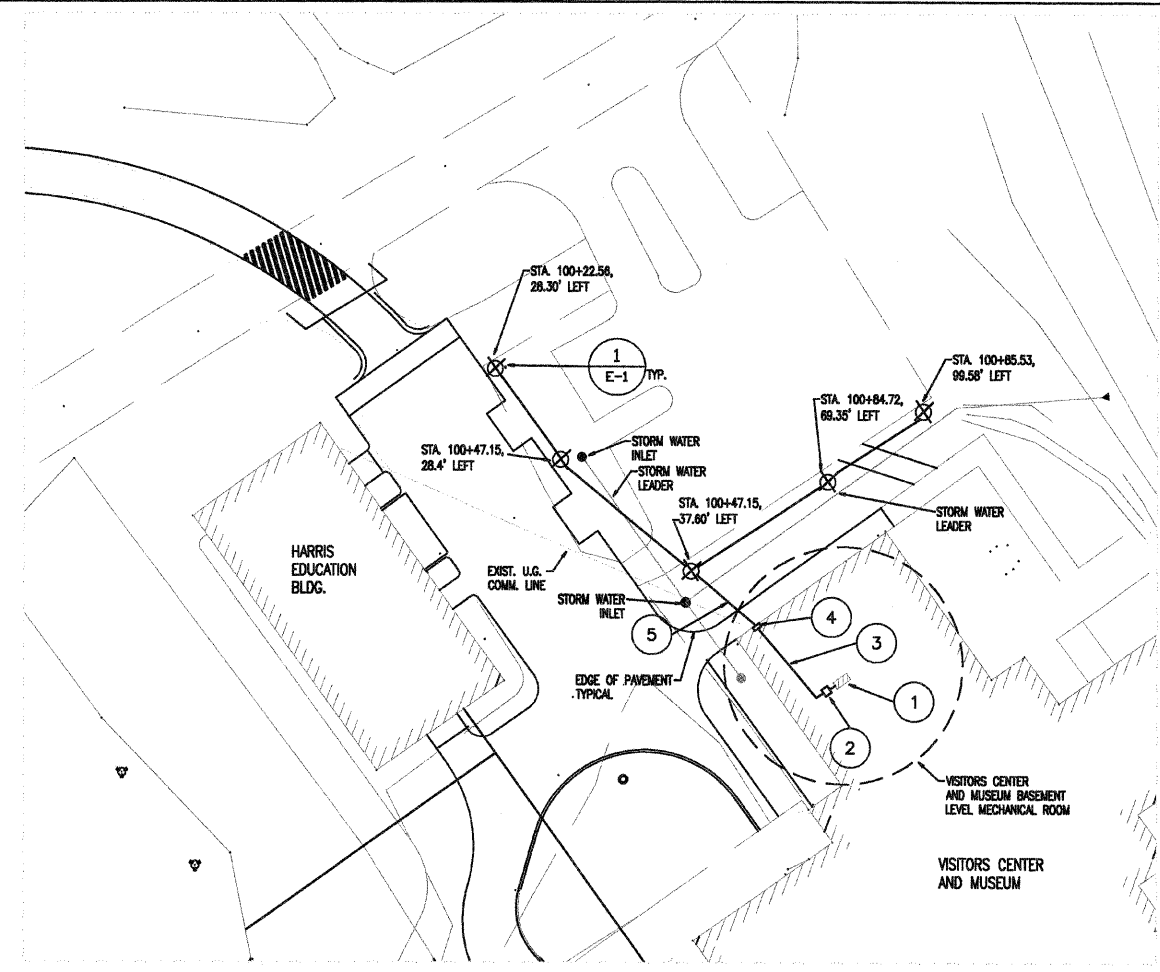
- # DETAIL TAG
A/# DETAIL NUMBER
SHEET DETAIL IS SHOWN ON
- # ELECTRICAL CONSTRUCTION NOTE
- ⊗ FIXTURE, POLE AND BASE AS DETAILED



2 TYPICAL POLE BASE
E-1 NO SCALE



4 BASE ELECTRICAL CONNECTION DETAIL
E-1 NO SCALE



SITE LIGHTING PLAN
1"=20'-0"

GENERAL ELECTRICAL CONSTRUCTION NOTES:

- 1) CONTRACTOR SHALL CUT AND PATCH AS REQUIRED DURING THE COURSE OF INSTALLATION OR AS SPECIFIED ON THE DRAWINGS.
- 2) ALL NEW ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL OTHER LOCAL, STATE AND NATIONAL CODES WHICH APPLY AS INTERPRETED I.D.O.T..
- 3) ALL WORK IS TO BE COORDINATED WITH ALL OTHER TRADES ON THIS PROJECT AND ELECTRICAL WORK INSTALLED IN A NEAT AND ORDERLY FASHION.
- 4) THE ELECTRICAL DRAWINGS ARE SCHEMATIC AND SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT, THE DRAWINGS SHALL NOT BE SCALED TO DETERMINE EQUIPMENT CONNECTION OR ROUGH-IN, REFER TO EQUIPMENT CUT-SHEETS AND RESPONSIBLE TRADES.
- 5) ALL CONDUCTORS OF THE ELECTRICAL SYSTEM SHALL BE COPPER, 600V, XLP -- TYPE USE.
- 6) ALL CONDUIT SHALL BE MINIMUM 3/4" TRADE SIZE, EMT WHEN INSTALLED INDOORS IN DRY LOCATIONS, RMC WHEN INSTALLED OUTDOOR OR INDOORS IN DAMP/WET LOCATIONS, RMC, LFMC WHEN EXPOSED OUTDOORS AND, RMC OR RNC-40 WHEN INSTALLED IN CONCRETE OR BELOW GRADE. FINAL CONNECTIONS TO ALL EQUIPMENT, WHICH PRODUCE VIBRATION SHALL BE WITH FLEXIBLE NON-METALIC CONDUIT SUITABLE FOR THE SURROUNDING ENVIRONMENT. CONDUIT TURNING UP FROM BELOW GRADE OR FROM WITHIN CONCRETE SHALL BE RMC.
- 7) RACEWAY FILL, WHEN RACEWAY SIZE IS NOT SPECIFICALLY INDICATED, SHALL BE BASED ON APPLICABLE ARTICLES OF THE NEC.
- 8) CIRCUIT ROUTING, IN GENERAL, IS NOT SPECIFIED UNLESS SPECIFIC REQUIREMENTS EXIST. ROUTING OF CIRCUITS WILL HAVE EFFECTS ON CIRCUIT VOLTAGE DROPS. CONTRACTOR SHALL COORDINATE ROUTING LENGTH WITH CONNECTED LOAD AND ADJUST CONDUCTOR SIZE FOR A VOLTAGE DROP LESS THAN 3%.
- 9) ALL CONDUITS SHALL BE INSTALLED CONCEALED IN SPACES OF NEW CONSTRUCTION, WHICH ARE TYPICALLY OCCUPIED. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL EQUIPMENT WITH EXISTING CONDITIONS TO MAINTAIN ACCESS REQUIRED BY THE N.E.C. AND EQUIPMENT MANUFACTURERS.
- 10) SERVICE VOLTAGE AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ELECTRICAL ROUGH-IN. DISCREPANCIES BETWEEN THE ELECTRICAL DRAWINGS AND EQUIPMENT REQUIREMENTS SHALL BE REPORTED TO THE ENGINEER BEFORE ANY ASSOCIATED WORK IS INSTALLED.
- 13) INDEXES OF ELECTRICAL PANELS SHALL BE REVISED TO REFLECT COMPLETED WORK.
- 15) CONTRACTOR SHALL REFERENCE THE PROJECT SITE PLANS FOR ELECTRIC, TELEPHONE, CABLE T.V. AND ALL OTHER UTILITIES. EXECUTION OF NEW WORK SHALL BE COMPLETED TO AVOID AND PROTECT EXISTING UTILITIES. ANY DAMAGE TO EXISTING UTILITIES AS THE RESULT OF THIS PROJECT SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR NO COST TO THE DEPARTMENT.
- 16) CONTRACTOR SHALL SUPPLY, INSTALL AND CONNECT ASTRONOMIC TIME CLOCK TO LIGHTING CIRCUITS. CONTRACTOR SHALL COORDINATE WITH THE OWNER/FACILITY STAFF AND PROVIDE TRAINING OF OPERATION AND PROGRAMMING.

TAGGED ELECTRICAL NOTES:

1. THE NEW SITE LIGHTING CIRCUIT SHALL ORIGINATE IN THE EXISTING 480/277V BRANCH PANEL DESIGNATED AS "G", FROM THE EXISTING 1P20A BREAKER LOCATED IN SPACE #5. REVISE PANEL INDEX TO REFLECT NEW CIRCUIT. EXTEND 2'-#10'S, #10 GRD. IN 3/4"C TO THE TIME CLOCK AND CONNECT TO SUPPLY THE TIME CLOCK AND TO SUPPLY THE SITE LIGHTING CIRCUIT.
2. THE NEW TIME CLOCK SHALL BE WALL MOUNTED SUCH THAT THE TOP IS 5'-4" ABOVE FINISH FLOOR, IN AVAILABLE SPACE SO AS TO BE ACCESSIBLE.
3. EXTEND 2'-#10'S, #10 GRD. IN 3/4"C UP WALL AND ACROSS CEILING FROM TIME CLOCK TO A JUNCTION BOX AS NOTED.
4. TERMINATE EMT IN A NEMA 1 PULL BOX ON THE WALL AT THE POINT THE CIRCUIT WILL PENETRATE THE EXTERIOR CONCRETE WALL IN ORDER TO MAINTAIN MINIMUM BURIAL DEPTH UNDERGROUND. CIRCUIT SHALL NOT CONTAIN SPLICES AT THIS POINT. EXTEND 3/4" PVC CONDUIT FROM BACK OF BOX DIRECTLY THROUGH CONCRETE WALL SEAL CONDUIT PENETRATION WATERTIGHT. EXTEND CIRCUIT TO SITE LIGHTING POLES.
5. REFERENCE TYPICAL TRENCH DETAILS AND CONTINUE CIRCUIT LOOPING THROUGH POLE BASES TO FEED ALL FIXTURES. SEE TYPICAL DETAILS FOR POLE INSTALLATION.

FILE NAME =	USER NAME = \$USER\$	DESIGNED --	REVISED --
\$FILE\$		DRAWN -- D.M.U.	REVISED --
	PLOT SCALE = \$SCALE\$	CHECKED --	REVISED --
	PLOT DATE = \$DATE\$	DATE -- 3/10/08	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITE LIGHTING PLAN AND DETAILS
LINCOLN LOG CABIN STATE HISTORIC SITE
SCALE: 1"=20' SHEET NO. 12 OF 12 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COLES	12	12
CONTRACT NO. 46002			ILLINOIS FED. AID PROJECT	

Rev.