

I.D.O.T./I.D.N.R. STATEWIDE LINCOLN TRAIL STATE PARK SECTION PARK ROADS 2017-01

PARKING LOT AND CAMPGROUND IMPROVEMENTS

CLARK COUNTY

I.D.N.R. FILE No. 3-16-003

C-30-019-16

SECTION NO.: PARK ROADS 2017-01

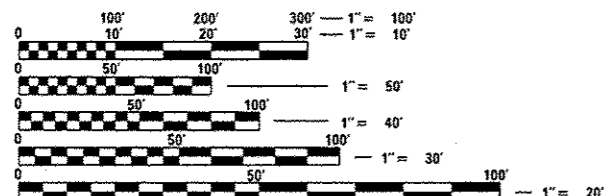
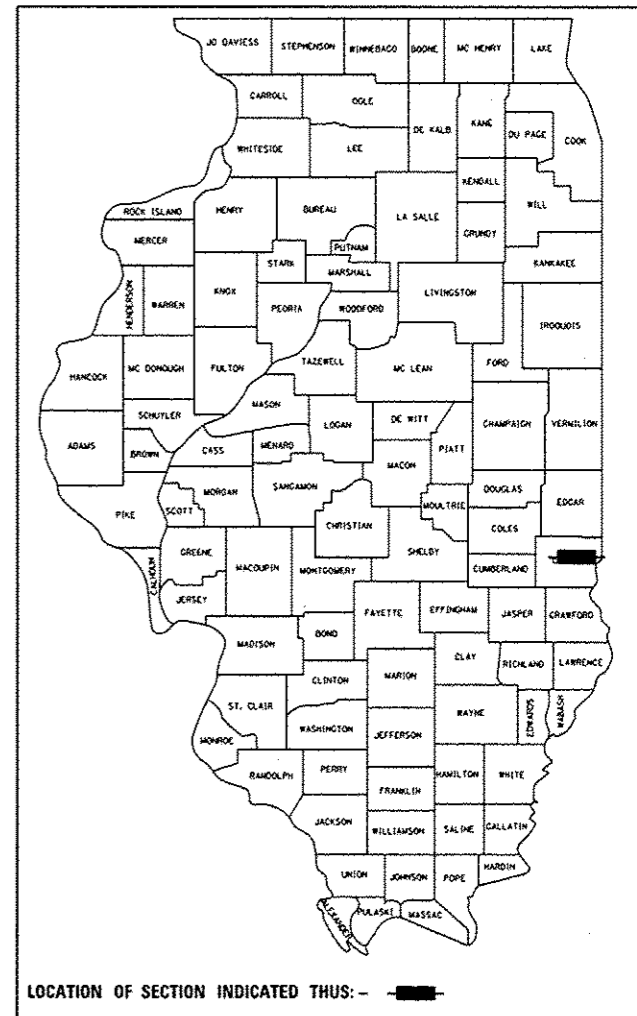
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	1
	ILLINOIS	CONTRACT NO.	46417	

INDEX OF SHEETS

(SEE SHEET 2)

STATE STANDARDS

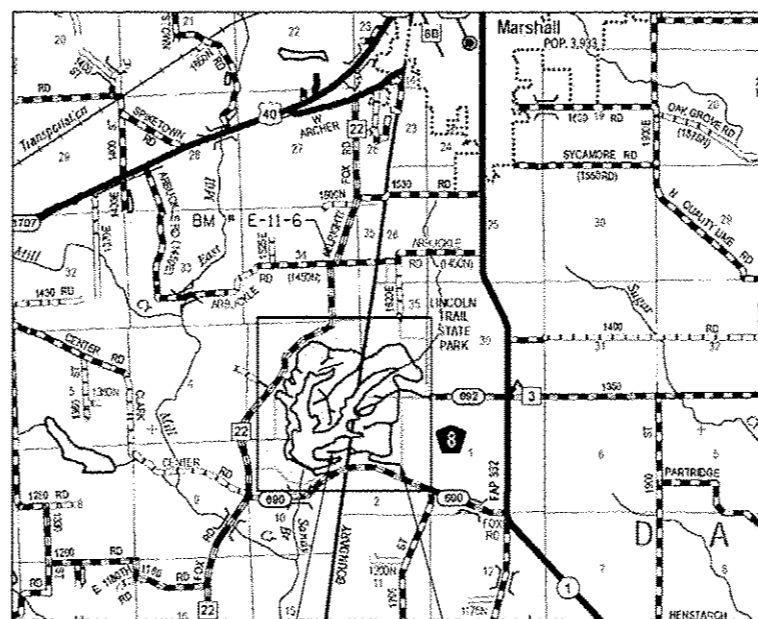
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- 602701-02
- 604001-04
- 604006-05
- 604036-03
- 606001-06
- 606401-02
- 701801-06
- 701901-06
- 720001-01
- 720011-01
- 729001-01
- 780001-05



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 : VINCE MADONIA (217) 782-4074



LAKESIDE CAMPGROUND PLAINVIEW CAMPGROUND



ROBERT H. DALTON
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
EXPIRES 11/30/17
SIGNED 12/16/16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 20 2016
[Signature]
REGIONAL ENGINEER

Jan 27 2017
Maurice M. Addis, PE
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 27 2017
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS









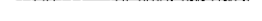
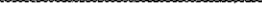
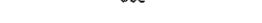














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GENERAL NOTES:

- 1 SPECIFICATIONS SHALL BE THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016.
- 2 ALL ELEVATIONS ARE REFERENCED TO ELEVATIONS ESTABLISHED BY VASCONCELLES ENGINEERING CORPORATION.
- 3 THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, IDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- 4 WHERE SECTION STONES OR PROPERTY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH STONES OR MARKERS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN OWNER OR AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.
- 5 ALL CONSTRUCTION LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 6 ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

LEGEND

-  - PK/MAG NAIL
-  - EXISTING LIGHT POLE
-  - EXISTING SIGN
-  - EXISTING ELECTRIC BOX
-  - EXISTING JUNCTION BOX
-  - EXISTING BUSH (SIZE)
-  - EXISTING TREE (SIZE)
-  - EXISTING PARKING BLOCK
-  - EXISTING BUILDING LIMITS
-  - EXISTING TREE LINE
-  - EXISTING CONTOURS
-  - EXISTING FORCE MAIN
-  - EXISTING ELECTIC LINE
-  - EXISTING WATER LINE
-  - EXISTING FENCE LINE
-  - EXISTING CULVERT
-  - NEW SIGN
-  - NEW PARKING BLOCK
-  - NEW DETECTABLE WARNING
-  - NEW A.D.A. SYMBOL
-  - NEW INLET
-  - NEW MANHOLE
-  - NEW UNDERDRAIN
-  - NEW STORM SEWER
-  - NEW PAVED DITCH

LIGHTING LEGEND

-  PROPOSED LIGHTING UNIT
30' M.H. POLE WITH 1 1/2" B.C., ON
5' x 24" DIA. CONCRETE FOUNDATION,
120V LED LUMINAIRE 1
-  PROPOSED LIGHTING UNIT
12' M.H. POLE WITH 8" B.C., ON
5' x 24" DIA. CONCRETE FOUNDATION,
120V LED LUMINAIRE 2, AND 120V
POLE RECEPTACLE
-  PROPOSED LIGHTING BOLLARD WITH
LED, 120V
-  EXISTING LIGHTING CONTROL PANEL
TO REMAIN IN PLACE
-  UNIT DUCT, SIZE AS INDICATED ON PLAN
-  UNDERGROUND CONDUIT, COILABLE
NONMETALLIC CONDUIT, SCHEDULE 80,
SIZE AS INDICATED ON PLAN

FILE NAME * C:\Cover.dgn	USER NAME * stevak	DESIGNED - R.H.D./D.R.C.	REVISIONS - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, AND LEGEND LINCOLN TRAIL STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE * 40.00 / in.	CHECKED - R.H.D.	REVISIONS -		SCALE: N/A	SHEET 2 OF 45 SHEETS	STA.		CLARK	45	2
	PLOT DATE * 12/14/2016	DATE - AUGUST 16, 2016	REVISIONS -				TO STA.				CONTRACT NO. 46417
ILLINOIS FED. AID PROJECT											

100 %
STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 S.N.
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	32	32
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	160	160
20101000	TEMPORARY FENCE	FOOT	665	665
20200100	EARTH EXCAVATION	CU YD	1612	1612
20400800	FURNISHED EXCAVATION	CU YD	497	497
20800150	TRENCH BACKFILL	CU YD	128.2	128.2
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	2691	2691
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2148	2148
21400100	GRADING AND SHAPING DITCHES	FOOT	36	36
25100900	TURF REINFORCEMENT MAT	SQ YD	112	112
28000305	TEMPORARY DITCH CHECKS	FOOT	22	22
28000400	PERIMETER EROSION BARRIER	FOOT	1645	1645
28000510	INLET FILTERS	EACH	9	9
35101400	AGGREGATE BASE COURSE, TYPE B	TON	1718.6	1718.6
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	2031	2031

100 %
STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 S.N.
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	791.2	791.2
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5626	5626
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	440	440
40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	164.2	164.2
40803310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	225.8	225.8
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	699	699
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	52	52
44000300	CURB REMOVAL	FOOT	331	331
44000400	GUTTER REMOVAL	FOOT	9	9
44000600	SIDEWALK REMOVAL	SQ FT	129	129
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	27	27
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	25	25
45100200	CRACK FILLING	POUND	5864	5864
50105220	PIPE CULVERT REMOVAL	FOOT	130	130
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	63	63

100 %
STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0005 S.N.
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	10	10
54213459	END SECTIONS 24"	EACH	1	1
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	7	7
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	57	57
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	290	290
55100500	STORM SEWER REMOVAL 12"	FOOT	73	73
60100915	PIPE DRAINS 6"	FOOT	84	84
60109600	BACKSLOPE DRAINS, TYPE 1 4"	FOOT	36	36
60109620	BACKSLOPE DRAINS, TYPE 2 4"	FOOT	218	218
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1	1
60500060	REMOVING INLETS	EACH	1	1

100 %
STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0005 S.N.
60600605	CONCRETE CURB, TYPE B	FOOT	10	10
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	218	218
60616800	PAVED DITCH, TYPE B-15	FOOT	402	402
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	LSUM	1	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	5.8	5.8
* 73000100	WOOD SIGN SUPPORT	FOOT	11	11
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	21.7	21.7
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2885	2885
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	1065	1065
* 81028710	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3/4" DIA.	FOOT	100	100
* 81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	600	600
* 81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	66	66
* 81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	550	550
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4735	4735

* SPECIALTY ITEM

100 %
STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 S.N.
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	70	70
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	12	12
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	12	12
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3500	3500
X0300019	REMOVE AND REINSTALL PARKING BLOCKS	EACH	60	60
* X0326498	GFCI 20 AMP DUPLEX RECEPTACLE	EACH	9	9
X0327131	DRAINAGE STRUCTURES, NO. 1	EACH	1	1
X0327132	DRAINAGE STRUCTURES, NO. 2	EACH	1	1
X0327308	PARKING LOT SEAL COAT	GALLON	2686	2686
* X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	5	5
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	99	99
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	1536	1536
X6011605	PIPE DRAINS 4" (SPECIAL)	FOOT	99	99
X6011705	PIPE DRAINS 6" (SPECIAL)	FOOT	34	34
X6024240	INLETS, SPECIAL	EACH	1	1

* SPECIALTY ITEM

100 %
STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 S.N.
X6024242	INLETS, SPECIAL, NO. 1	EACH	1	1
X6340205	GUARD POSTS REMOVAL	EACH	1	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1
* X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	9	9
* X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	4	4
Z0003618	REMOVAL OF EXISTING TIMBER FLOOR	EACH	1	1
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
Z0027800	GEOTECHNICAL FABRIC	SQ YD	2630	2630
Z0050600	REMOVE AND RESET ORNAMENTAL FENCE	FOOT	15	15
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	21	21
X1200099	BACKSLOPE DRAINS, TYPE 2 4" (SPECIAL)	FOOT	175	175
* X1400212	LUMINAIRE, LED, HORIZONTAL MOUNT, <i>VERY LOW WATTAGE</i>	EACH	9	9
* X1400210	LIGHT POLE, SPECIAL, 12'	EACH	9	9
* X1400211	LIGHT POLE, SPECIAL, 30'	EACH	5	5
X0324050	BOLLARD, LED	EACH	4	4

REMOVAL SCHEDULE																
LOCATION	REMOVE & RE-ERECT EXIST. SIGN EACH	REMOVE & REINSTALL P. BLOCKS EACH	SIDEWALK REMOVAL SQ FT	GUTTER REMOVAL FOOT	PIPE CULVERT REMOVAL FOOT	STORM SEWER REMOVAL 12" FOOT	DRIVEWAY PAVEMENT REMOVAL SQ YD	CURB REMOVAL FOOT	REMOVING INLETS EACH	H.M.A. SURFACE REMOVAL 3" SQ YD	PAVEMENT REMOVAL (SPECIAL) SQ YD	REM & RESET ORNAMENTAL FENCE FOOT	GUARD POST REMOVAL EACH	TREE REMOVAL (6-15 DIA) UNIT	TREE REMOVAL (OVER 15 DIA) UNIT	REMOVAL OF EXISTING TIMBER FLOOR EACH
0+75.00, 141.90' RT to 3+19.24, 11.97' RT											1316					
0+75.01, 74.27' RT to 0+84.27, 83.07' RT			39													
0+77.41, 136.77' RT to 0+83.50, 88.20' RT		6														
0+78.25, 65.00' RT to 0+94.63, 61.27' RT			90													
0+82.13, 37.72' RT to 0+96.91, 39.50' RT												15				
0+87.80, 76.40' RT	1															
0+93.07, 68.36' RT	1															
0+95.07, 80.17' RT to 0+96.44, 69.85' RT		2														
0+95.40, 47.21' RT	1															
0+97.48, 35.59' RT	1															
0+97.85, 51.71' RT to 1+00.19, 36.15' RT		2														
1+14.10, 28.74' LT															17	
1+18.38, 35.36' LT															22	
1+21.70, 15.76' RT to 3+19.24, 11.97' RT								198								
1+24.26, 33.91' LT															17	
1+27.75, 155.59' RT to 1+57.84, 114.32' RT					51											
1+29.28, 32.95' LT															17	
1+34.31, 16.98' RT to 3+13.98, 15.67' RT		19														
1+41.87, 30.47' LT														15		
1+46.50, 103.87' RT to 1+50.09, 75.54' RT		4														
1+48.42, 29.70' LT															28	
1+50.66, 29.19' LT															18	
1+54.62, 146.17' RT to 2+69.78, 155.97' RT										228						
1+54.90, 58.23' RT to 3+33.53, 42.94' RT										471						
2+86.65, 66.91' LT to 2+98.86, 4.62' RT						73										
2+99.19, 5.47' RT									1							
10+15.30, 21.91' LT													1			
10+16.58, 31.95' RT	1															
10+18.46, 26.00' RT to 10+57.44, 25.93' RT		5														
10+26.32, 41.75' LT to 10+81.40, 27.19' RT		6														
10+32.08, 43.76' RT	1															
10+74.84, 26.94' RT to 11+4.33, 25.43' RT								30								
10+77.57, 27.48' RT to 10+78.31, 36.45' RT				9												
10+81.76, 34.47' RT to 10+82.32, 29.08' RT					5											
10+85.08, 40.38' RT to 10+87.41, 28.79' RT					12											
20+35.92, 115.01' RT to 22+33.65, 104.25' RT		16														
20+41.96, 117.35' RT	1															
22+14.26, 49.65' RT to 22+49.69, 10.10' RT								103								
22+32.51, 22.87' RT														8		
30+12.71, 17.38' LT															17	
30+34.23, 25.51' RT to 30+51.25, 32.83' RT																1
30+45.31, 40.13' LT															24	
30+37.54, 55.83' RT	1															
39+99.88, 16.85' RT to 40+03.75, 36.79' RT					20											
41+98.01, 36.15' RT to 42+01.56, 15.86' RT					21											
43+70.71, 15.79' RT to 43+72.31, 36.91' RT					21											
50+05.22, 78.01' LT to 50+94.84, 23.04' LT							52				220					
50+34.56, 22.87' LT to 50+51.89, 51.90' LT																
50+47.00, 109.86' LT														9		
50+60.00, 107.80' LT	1															
TOTAL =	9	60	129	9	130	73	52	331	1	699	1536	15	1	32	160	1

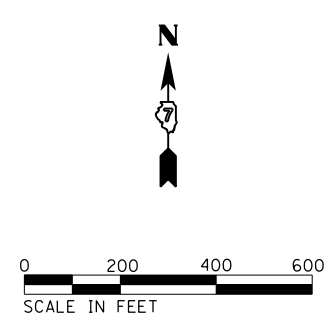
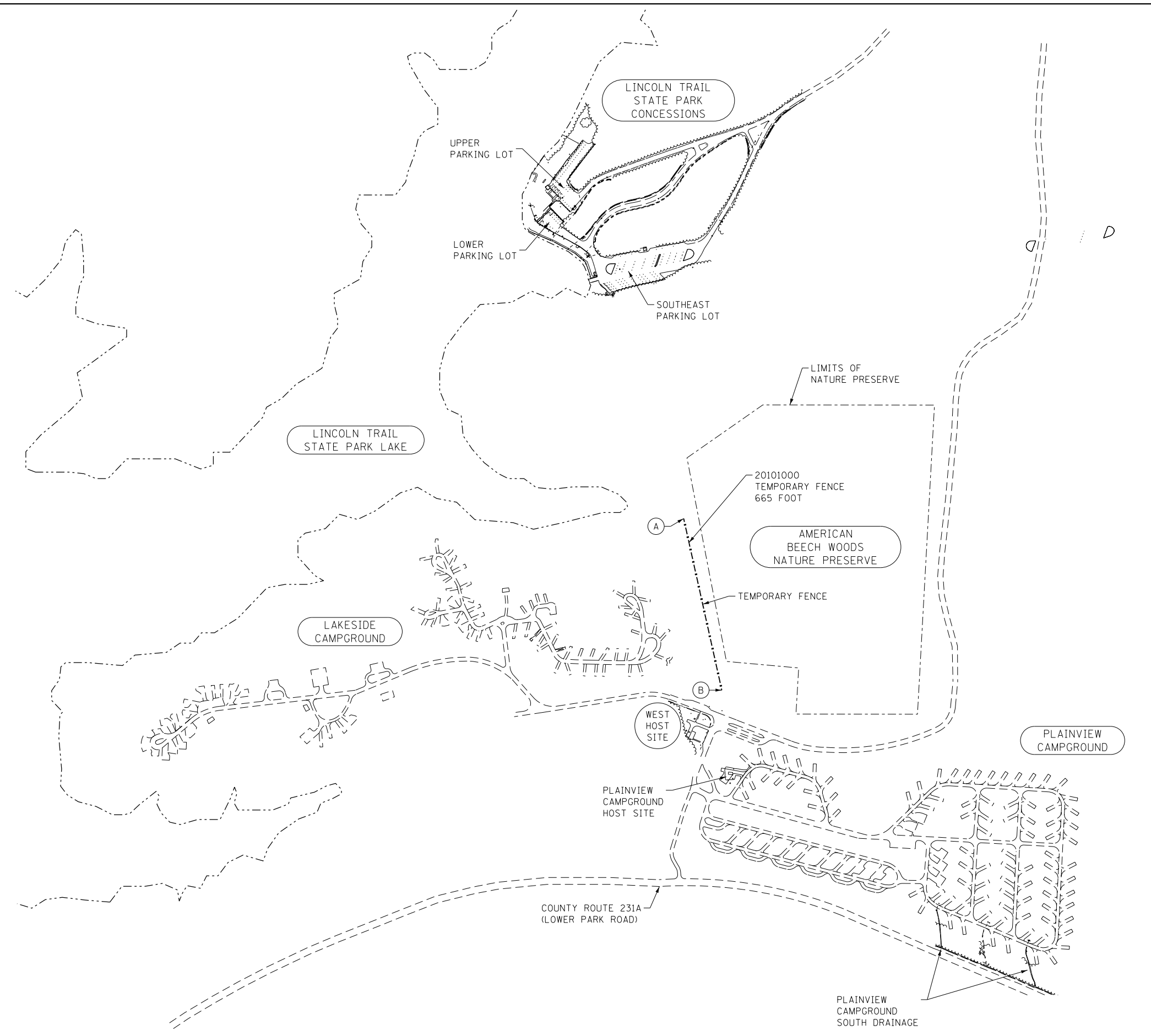
PAVING SCHEDULE																	
LOCATION	PARKING LOT	CRACK	COMB.	H.M.A.	H.M.A.	AGGREGATE	GEOTECHNICAL	CONC. CURB	FURNISHED	EARTH	CLASS D	AGGREGATE	AGGREGATE	CLASS D	BITUMINOUS	BITUMINOUS	
	SEAL COAT	FILLING	CURB & GUTR TY. B-6.24	SURFACE CRSE MX "C", N50	BINDER CRSE IL-9.5, N50	BASE CRSE TY. B 8"	FABRIC	TYPE B	EXCAVATION	EXCAVATION (SPECIAL)	PATCHES TY IV, 10"	BASE CRSE TYPE B	SURFACE CRSE TYPE B	PATCHES TY II, 10"	MATERIALS (PRIME COAT)	MATERIALS (TACK COAT)	
	GALLON	POUND	FOOT	TON	TON	SQ YD	SQ YD	FOOT	CU YD	CU YD	CU YD	TON	TON	SQ YD	POUND	POUND	
OVERALL SITE ROADS	1081	2130															
LOWER CONCESSION PARKING LOT	190	354															
SOUTHEAST PARKING LOT	1415	3380															
PLAINVIEW CAMPGROUND							599					1230.9	547.4				
PLAINVIEW HOST SITE				30.2		269	269			15					606		
PLAINVIEW WEST HOST SITE				31.4		276	276			33					621		
LAKESIDE CAMPGROUND												487.7	243.8				
UPPER CONCESSION PARKING LOT															4399	440	
0+75.00, 141.90' RT to 3+20.31, 15.00' RT																	
1+02.67, 15.00' RT to 3+20.31, 15.00' RT			218														
1+02.98, 12.42' RT to 3+34.05, 33.00' RT									497								
1+54.62, 146.17' RT to 2+69.78, 155.97' RT										51							
1+54.90, 58.23' RT to 3+34.50, 43.00' RT				39.4	39.4												
1+64.73, 0.00' RT to 3+34.05, 32.70' RT											1239						
10+94.82, 25.86' RT to 11+04.33, 25.43' RT								10									
22+14.26, 49.65' RT to 22+42.69, 10.10' RT												25					
39+97.90, 20.68' RT to 40+08.18, 33.92' RT														10			
40+08.85, 45.52' RT to 40+72.03, 158.64' RT											123						
41+95.93, 32.56' RT to 42+04.94, 20.75' RT															9		
41+98.50, 43.55' RT to 42+55.30, 158.40' RT											133						
43+68.43, 20.95' RT to 43+75.35, 33.10' RT															8		
43+73.23, 43.08' RT to 44+56.40, 156.78' RT											117						
TOTAL =	2686	5864	218	225.8	164.2	2031	2630	10	497	99	1612	25	1718.6	791.2	27	5626	440

MISCELLANEOUS ITEMS														
LOCATION	TEMPORARY	SIGN	TOPSOIL	GRADING	WOOD SIGN	TOPSOIL	TEMPORARY		CONSTRUCTION	TRAF CNTRL &		PERIMETER	TURF	ENGINEER'S
	FENCE	PANEL	FURNISH	& SHAPING	SUPPORT	FURN & PLACE	DITCH		LAYOUT	PROTECTION	INLET	EROSION	REINFRMNT	FIELD OFFICE
	FOOT	TYPE 1	& PLACE, 4"	DITCHES	FOOT	VARIABLE	CHECKS	MOBILIZATION	LSUM	(SPECIAL)	FILTERS	BARRIER	MAT	TYPE A
		SQ FT	SQ YD	FOOT	FOOT	SQ YD	FOOT	LSUM	LSUM	LSUM	EACH	FOOT	SQ YD	CAL MO
ENTIRE SITE								1	1	1				6
AMERICAN BEECH WOODS NATURE PRESERVE	665													
PLAINVIEW CAMPGROUND						1748								
PLAINVIEW HOST SITE						97						285		
PLAINVIEW WEST HOST SITE						45						270		
LAKESIDE CAMPGROUND						801								
UPPER CONCESSION PARKING LOT												770		
LOWER CONCESSION PARKING LOT												320		
0+83.96, 69.81' RT											1			
0+85.42, 91.43' RT		0.5												
0+85.76, 49.85' RT											1			
0+87.73, 73.55' RT		0.5												
0+90.09, 55.70' RT		0.5												
0+96.95, 38.48' RT		0.5												
1+02.98, 12.42' RT to 3+34.05, 33.00' RT			1315											
1+13.53, 124.84' RT											1			
1+21.77, 86.92' RT											1			
1+40.31, 13.00' RT											1			
1+57.80, 114.38' RT											1			
1+57.80, 114.38' RT to 2+75.05, 151.65' RT													112	
1+58.15, 78.80' RT to 1+57.80, 114.38' RT				36										
1+88.62, 151.76' RT							4							
2+00.31, 13.00' RT											1			
2+80.31, 13.00' RT											1			
2+99.19, 5.47' RT											1			
10+30.78, 44.65' RT		0.5												
19+90.09, 65.89' RT		2.3			11									
20+30.41, 118.49' RT		0.5												
20+55.40, 116.50' RT		0.5												
40+08.85, 45.52' RT to 40+72.03, 158.64' RT			263											
40+72.03, 158.64' RT							6							
41+98.50, 43.55' RT to 42+55.30, 158.40' RT			266											
42+55.30, 158.40' RT							6							
43+73.23, 43.08' RT to 44+56.40, 156.78' RT			304											
44+56.40, 156.78' RT							6							
TOTAL =	665	5.8	2148	36	11	2691	22	1	1	1	9	1645	112	6

STORM SEWER ITEMS																
LOCATION	INLETS	PIPE	END	INLETS	INLETS, TY A	MH, TY A	MH, TY A	INLETS, TY B	MH, TY A	STORM	STORM	STORM	TRENCH	PRECAST	PIPE	PAVED
	SPECIAL	CULVERTS	SECTIONS	SPECIAL	TY 1 FRAME	4' DIA, TY 1 F	4' DIA, TY 3 F	TY 3 FRAME	4' DIA, TY 1 F	SEWERS	SEWER	SEWERS	BACKFILL	REINF. CONC.	CULVERTS	PAVED
	EACH	CL C, TY 1, 24"	24"	No. 1	OPEN LID	OPEN LID	& GRATE	& GRATE	CLOSED LID	CL A, TY 1, 12"	(WMR) 12"	CL A, TY 1, 15"	CU YD	F.E.S. 12"	CL A, TY 1, 12"	TYPE B-15
0+83.96, 69.81' RT to 0+85.76, 49.85' RT													1.3			
0+85.76, 49.85' RT to 1+40.31, 13.00' RT													13.7			
1+13.53, 124.84' RT					1											
1+13.53, 124.84' RT to 1+21.77, 86.92' RT										15			7.3			
1+14.32, 121.20' RT to 1+18.78, 100.68' RT											21					
1+21.77, 86.92' RT						1										
1+21.77, 86.92' RT to 1+40.31, 13.00' RT												72	25.0			
1+40.31, 13.00' RT									1							
1+40.31, 13.00' RT to 2+00.31, 13.00' RT												57	22.7			
1+57.80, 114.38' RT				1												
1+57.80, 114.38' RT to 1+21.77, 86.92' RT										42			7.6			
2+00.31, 13.00' RT								1								
2+00.31, 13.00' RT to 2+80.31, 13.00' RT												77	36.5			
2+80.31, 13.00' RT								1								
2+80.31, 13.00' RT to 2+99.19, 5.47' RT												17	12.1			
2+86.73, 66.47' LT														1		
2+99.19, 5.47' RT									1							
2+99.19, 5.47' RT to 2+86.73, 66.47' RT												67				
10+85.05, 30.18' RT	1															
10+85.12, 31.42' RT to 10+85.12, 41.42' RT		10														
10+85.12, 41.42' RT			1													
39+99.06, 12.67' RT														1		
39+99.06, 12.67' RT to 40+08.85, 45.52' RT															22	
40+08.85, 45.52' RT														1		
40+08.85, 45.52' RT to 40+72.03, 158.64' RT																130
41+98.50, 42.55' RT														1		
41+98.50, 43.55' RT to 42+03.87, 10.77' RT															21	
41+98.50, 43.55' RT to 42+55.30, 158.40' RT																130
42+03.87, 10.77' RT														1		
43+71.48, 11.44' RT														1		
43+71.48, 11.44' RT to 43+73.23, 43.08' RT															20	
43+73.23, 43.08' RT														1		
43+73.23, 43.08' RT to 44+56.40, 156.78' RT																142
TOTAL =	1	10	1	1	1	1	2	1	1	57	21	290	126.2	7	63	402

DRAINAGE ITEMS								
LOCATION	DRAINAGE	DRAINAGE	PIPE	PIPE	BACKSLOPE	PIPE	BACKSLOPE	BACKSLOPE
	STRUCTURE	STRUCTURE	DRAINS	DRAINS	DRAINS	DRAINS	DRAINS	DRAINS, TY 2
	No. 1	No. 2	6"	4" (SPECIAL)	TY 1, 4"	6" (SPECIAL)	TY 2, 4"	4" (SPECIAL)
0+83.96, 69.81' RT	1							
0+83.96, 69.81' RT to 0+85.76, 49.85' RT			20					
0+85.76, 49.85' RT		1						
0+85.76, 49.85' RT to 1+40.31, 13.00' RT			64					
1+57.80, 114.38' RT to 1+90.75, 122.75' RT						34		
1+68.18, 5.42' RT to 2+99.19, 5.47' RT								129
1+69.17, 55.00' RT to 2+99.17, 55.00' RT							130	
1+89.27, 148.07' RT to 1+90.38, 129.10' RT					19			
1+90.38, 129.10' RT to 1+90.75, 122.75' RT				6				
1+90.75, 122.75' RT to 2+71.52, 148.61' RT				86				
2+60.02, 169.66' RT to 2+68.17, 154.74' RT					17			
2+68.17, 154.74' RT to 2+71.52, 148.61' RT				7				
2+99.17, 55.00' RT to 2+99.19, 5.47' RT							48	
3+39.17, 55.00' RT to 2+99.17, 55.00' RT							40	
3+47.17, 5.42' RT to 2+99.19, 5.47' RT								46
TOTAL =	1	1	84	99	36	34	218	175

PAVEMENT MARKING SCHEDULE			
LOCATION	PNT PVMT	PNT PVMT	PNT PVMT
	MARKING	MARKING	MARKING
	LTRS & SYMB	LINE 4"	LINE 6"
UPPER CONCESSION PARKING LOT		895	343
LOWER CONCESSION PARKING LOT		238	110
SOUTHEAST PARKING LOT		1752	612
1+06.09, 98.67' RT	3.1		
1+08.45, 80.82' RT	3.1		
1+10.80, 62.97' RT	3.1		
1+13.16, 45.13' RT	3.1		
10+28.54, 24.42' LT	3.1		
20+13.73, 75.19' RT	3.1		
20+36.82, 75.19' RT	3.1		
TOTAL =	21.7	2885	1065



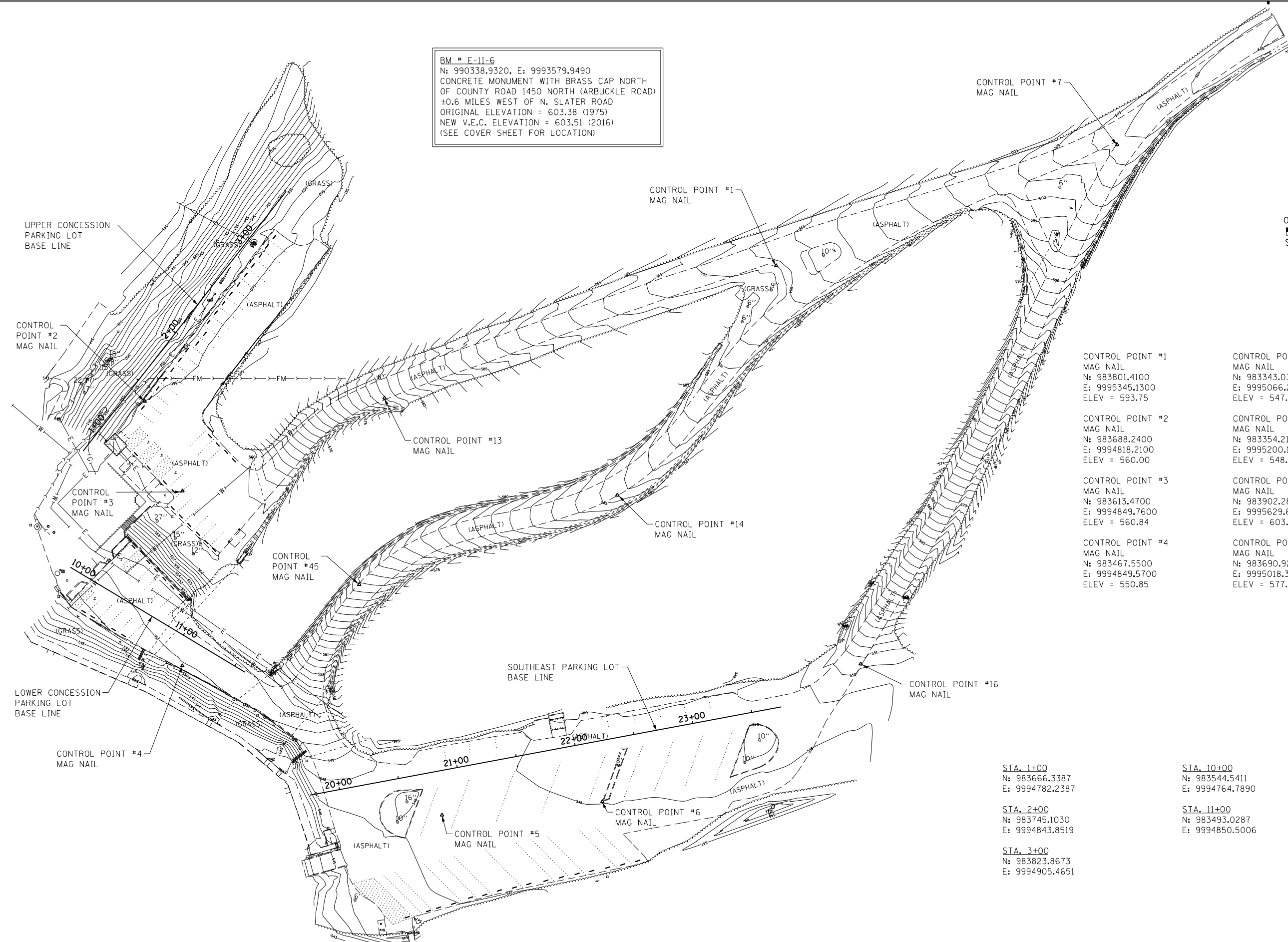
- (A) N: 982399.80
E: 9995308.13
- (B) N: 981750.64
E: 9995452.42

67000400 ENGINEER'S FIELD OFFICE, TYPE A
ENTIRE SITE 6 CAL MO

NOTE
THE LOCATION OF THE TEMPORARY FENCE AND COORDINATES ARE APPROXIMATE. CONTRACTOR IS TO MAINTAIN A MINIMUM 5 FOOT SEPARATION OUTSIDE OF SIGNED NATURE PRESERVE LIMITS.

FILE NAME = C-Overall Site.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING OVERALL SITE LINCOLN TRAIL STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Default	PLOT SCALE = 400.0000' / in.	CHECKED - R.H.D.					REVISED -	PARK ROADS 2017-01	CLARK	44	9
	PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -		SCALE: 1" = 200'	SHEET 9	OF 44 SHEETS	STA.	TO STA.	CONTRACT NO. 46417 ILLINOIS FED. AID PROJECT		

BM # E-11-6
 N: 990338.9320, E: 9993579.9490
 CONCRETE MONUMENT WITH BRASS CAP NORTH
 OF COUNTY ROAD 1450 NORTH (ARBUCKLE ROAD)
 ±0.6 MILES WEST OF N. SLATER ROAD
 ORIGINAL ELEVATION = 603.38 (1975)
 NEW V.E.C. ELEVATION = 603.51 (2016)
 (SEE COVER SHEET FOR LOCATION)



CONTROL POINT #1 MAG NAIL N: 983801.4100 E: 9995345.1300 ELEV = 593.75	CONTROL POINT #5 MAG NAIL N: 983343.0300 E: 9995066.2900 ELEV = 547.57	CONTROL POINT #14 MAG NAIL N: 983609.9300 E: 9995212.6100 ELEV = 585.59
CONTROL POINT #2 MAG NAIL N: 983688.2400 E: 9994818.2100 ELEV = 560.00	CONTROL POINT #6 MAG NAIL N: 983354.2100 E: 9995200.1000 ELEV = 548.04	CONTROL POINT #16 MAG NAIL N: 983469.0600 E: 9995415.6400 ELEV = 550.48
CONTROL POINT #3 MAG NAIL N: 983613.4700 E: 9994849.7600 ELEV = 560.84	CONTROL POINT #7 MAG NAIL N: 983902.2800 E: 9995629.6700 ELEV = 603.61	CONTROL POINT #45 MAG NAIL N: 983535.4400 E: 9994997.2300 ELEV = 570.77
CONTROL POINT #4 MAG NAIL N: 983467.5500 E: 9994849.5700 ELEV = 550.85	CONTROL POINT #13 MAG NAIL N: 983690.9200 E: 9995018.3300 ELEV = 577.92	

STA. 1+00 N: 983666.3387 E: 9994782.2387	STA. 10+00 N: 983544.5411 E: 9994764.7890	STA. 20+00 N: 983364.1550 E: 9994980.7921
STA. 2+00 N: 983745.1030 E: 9994843.8519	STA. 11+00 N: 983493.0287 E: 9994850.5006	STA. 21+00 N: 983382.5587 E: 9995079.0840
STA. 3+00 N: 983823.8673 E: 9994905.4651		STA. 22+00 N: 983400.9624 E: 9995177.3760
		STA. 23+00 N: 983419.3661 E: 9995275.6679

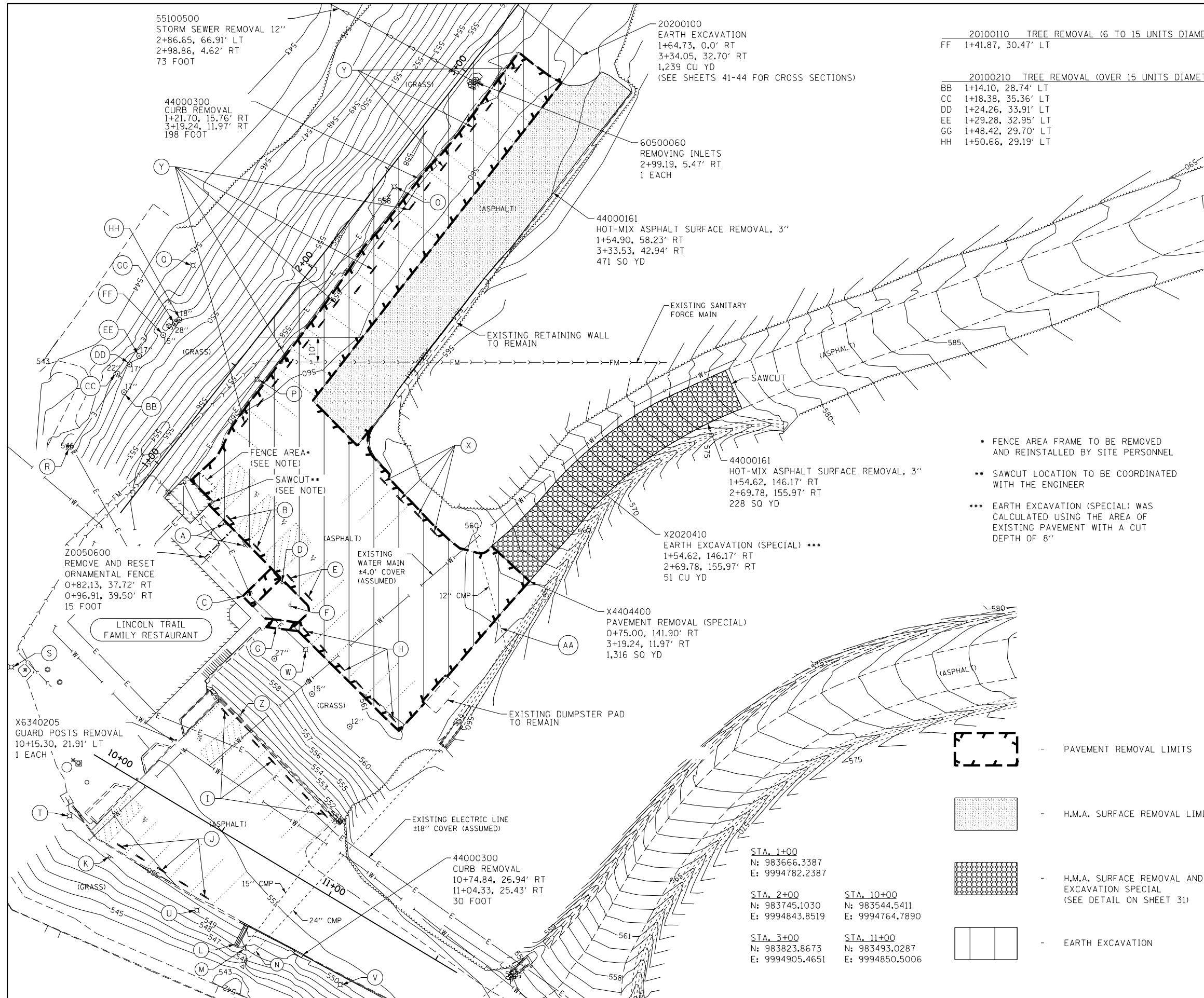
FILE NAME = C-Demo_3_40SC.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16
Default	PLOT SCALE = 80.0000' / in.	DRAWN - D.R.C.	REVISED -
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING SITE, STATIONING AND CONTROL POINTS (PARKING LOTS)
LINCOLN TRAIL STATE PARK

SCALE: 1" = 40' SHEET 10 OF 44 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	44	10
CONTRACT NO. 46417			ILLINOIS FED. AID PROJECT	



55100500
STORM SEWER REMOVAL 12"
2+86.65, 66.91' LT
2+98.86, 4.62' RT
73 FOOT

44000300
CURB REMOVAL
1+21.70, 15.76' RT
3+19.24, 11.97' RT
198 FOOT

20200100
EARTH EXCAVATION
1+64.73, 0.0' RT
3+34.05, 32.70' RT
1,239 CU YD
(SEE SHEETS 41-44 FOR CROSS SECTIONS)

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)
FF 1+41.87, 30.47' LT 15 UNITS

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)
BB 1+14.10, 28.74' LT 17 UNITS
CC 1+18.38, 35.36' LT 22 UNITS
DD 1+24.26, 33.91' LT 17 UNITS
EE 1+29.28, 32.95' LT 17 UNITS
GG 1+48.42, 29.70' LT 28 UNITS
HH 1+50.66, 29.19' LT 18 UNITS

60500060
REMOVING INLETS
2+99.19, 5.47' RT
1 EACH

44000161
HOT-MIX ASPHALT SURFACE REMOVAL, 3"
1+54.90, 58.23' RT
3+33.53, 42.94' RT
471 SQ YD

44000161
HOT-MIX ASPHALT SURFACE REMOVAL, 3"
1+54.62, 146.17' RT
2+69.78, 155.97' RT
228 SQ YD

X2020410
EARTH EXCAVATION (SPECIAL) ***
1+54.62, 146.17' RT
2+69.78, 155.97' RT
51 CU YD

X4404400
PAVEMENT REMOVAL (SPECIAL)
0+75.00, 141.90' RT
3+19.24, 11.97' RT
1,316 SQ YD

Z0050600
REMOVE AND RESET
ORNAMENTAL FENCE
0+82.13, 37.72' RT
0+96.91, 39.50' RT
15 FOOT

LINCOLN TRAIL
FAMILY RESTAURANT

X6340205
GUARD POSTS REMOVAL
10+15.30, 21.91' LT
1 EACH

44000300
CURB REMOVAL
10+74.84, 26.94' RT
11+04.33, 25.43' RT
30 FOOT

STA. 1+00
N: 983666.3387
E: 9994782.2387

STA. 2+00
N: 983745.1030
E: 9994843.8519

STA. 3+00
N: 983823.8673
E: 9994905.4651

STA. 10+00
N: 983544.5411
E: 9994764.7890

STA. 11+00
N: 983493.0287
E: 9994850.5006

- * FENCE AREA FRAME TO BE REMOVED AND REINSTALLED BY SITE PERSONNEL
- ** SAWCUT LOCATION TO BE COORDINATED WITH THE ENGINEER
- *** EARTH EXCAVATION (SPECIAL) WAS CALCULATED USING THE AREA OF EXISTING PAVEMENT WITH A CUT DEPTH OF 8"

- PAVEMENT REMOVAL LIMITS

- H.M.A. SURFACE REMOVAL LIMITS

- H.M.A. SURFACE REMOVAL AND EARTH EXCAVATION SPECIAL (SEE DETAIL ON SHEET 31)

- EARTH EXCAVATION

X7240600 REMOVE AND RE-ERECT EXISTING SIGNS
A 0+95.40, 47.21' RT 2 EACH
0+97.48, 35.59' RT

D 0+93.07, 68.36' RT 1 EACH
F 0+87.80, 76.40' RT 1 EACH
K 10+16.58, 31.95' RT 1 EACH
Z 10+32.08, 43.76' RT 1 EACH

X0300019 REMOVE AND REINSTALL PARKING BLOCKS
B 0+97.85, 51.71' RT 2 EACH
1+00.19, 36.15' RT

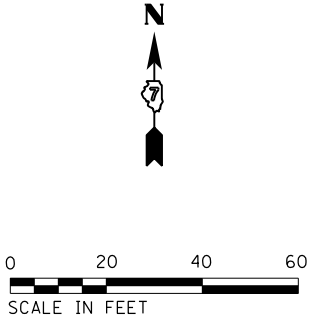
E 0+95.07, 80.17' RT 2 EACH
0+96.44, 69.85' RT
H 0+77.41, 136.77' RT 6 EACH
0+83.50, 88.20' RT
I 10+26.32, 41.75' LT 6 EACH
10+81.40, 27.19' LT
J 10+18.46, 26.00' RT 5 EACH
10+57.44, 25.93' RT
X 1+46.50, 103.87' RT 4 EACH
1+50.09, 75.54' RT
Y 1+34.31, 16.98' RT 19 EACH
3+13.98, 15.67' RT

44000600 SIDEWALK REMOVAL
C 0+78.25, 65.00' RT 90 SQ FT
0+94.63, 61.27' RT
G 0+75.01, 74.27' RT 39 SQ FT
0+84.27, 83.07' RT

44000400 GUTTER REMOVAL
L 10+77.57, 27.48' RT 9 FOOT
10+78.31, 36.45' RT

50105220 PIPE CULVERT REMOVAL
M 10+81.76, 34.47' RT 5 FOOT
10+82.32, 29.08' RT
N 10+85.08, 40.38' RT 12 FOOT
10+87.41, 28.79' RT
AA 1+27.75, 155.59' RT 51 FOOT
1+57.84, 114.32' RT

ITEMS O - W: LIGHTING UNIT REMOVAL
SEE SHEET 33 (L-2) FOR EXISTING LIGHTING REMOVAL
AND SHEET 32 (L-1) FOR LIGHTING REMOVAL QUANTITIES



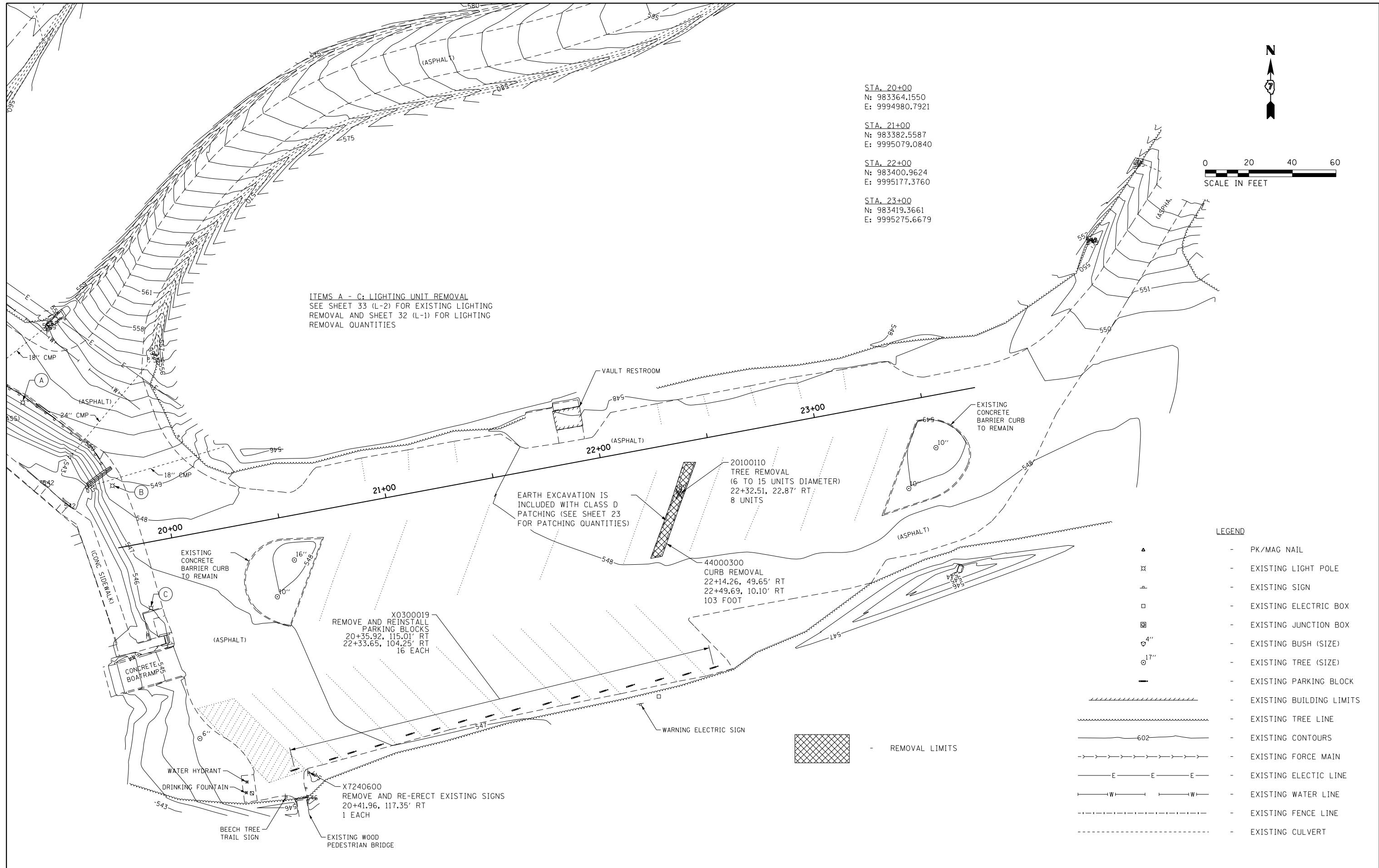
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		DRAWN - D.R.C.	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - R.H.D.	REVISED -
Upper Concession Parking	PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SITE AND DEMOLITION PLAN (CONCESSION PARKING LOTS)
LINCOLN TRAIL STATE PARK

SCALE: 1" = 20' SHEET 11 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 46417	



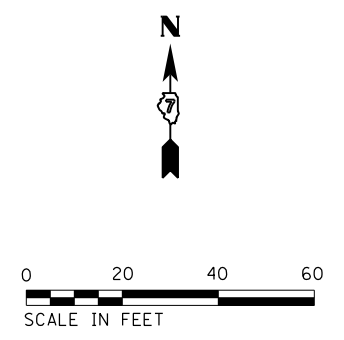
STA. 20+00
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 E: 9994980.7921

 STA. 21+00
 N: 983382.5587
 E: 9995079.0840

 STA. 22+00
 N: 983400.9624
 E: 9995177.3760

 STA. 23+00
 N: 983419.3661
 E: 9995275.6679

ITEMS A - C: LIGHTING UNIT REMOVAL
 SEE SHEET 33 (L-2) FOR EXISTING LIGHTING
 REMOVAL AND SHEET 32 (L-1) FOR LIGHTING
 REMOVAL QUANTITIES



LEGEND

- ▲ - PK/MAG NAIL
- ⊕ - EXISTING LIGHT POLE
- ⊕ - EXISTING SIGN
- - EXISTING ELECTRIC BOX
- ⊕ - EXISTING JUNCTION BOX
- ⊕ 4" - EXISTING BUSH (SIZE)
- ⊕ 17" - EXISTING TREE (SIZE)
- - EXISTING PARKING BLOCK
- - EXISTING BUILDING LIMITS
- - EXISTING TREE LINE
- 602 — - EXISTING CONTOURS
- - - - - EXISTING FORCE MAIN
- E — E — E — - EXISTING ELECTIC LINE
- | — | — | — | — | - EXISTING WATER LINE
- - - - - EXISTING FENCE LINE
- - - - - EXISTING CULVERT

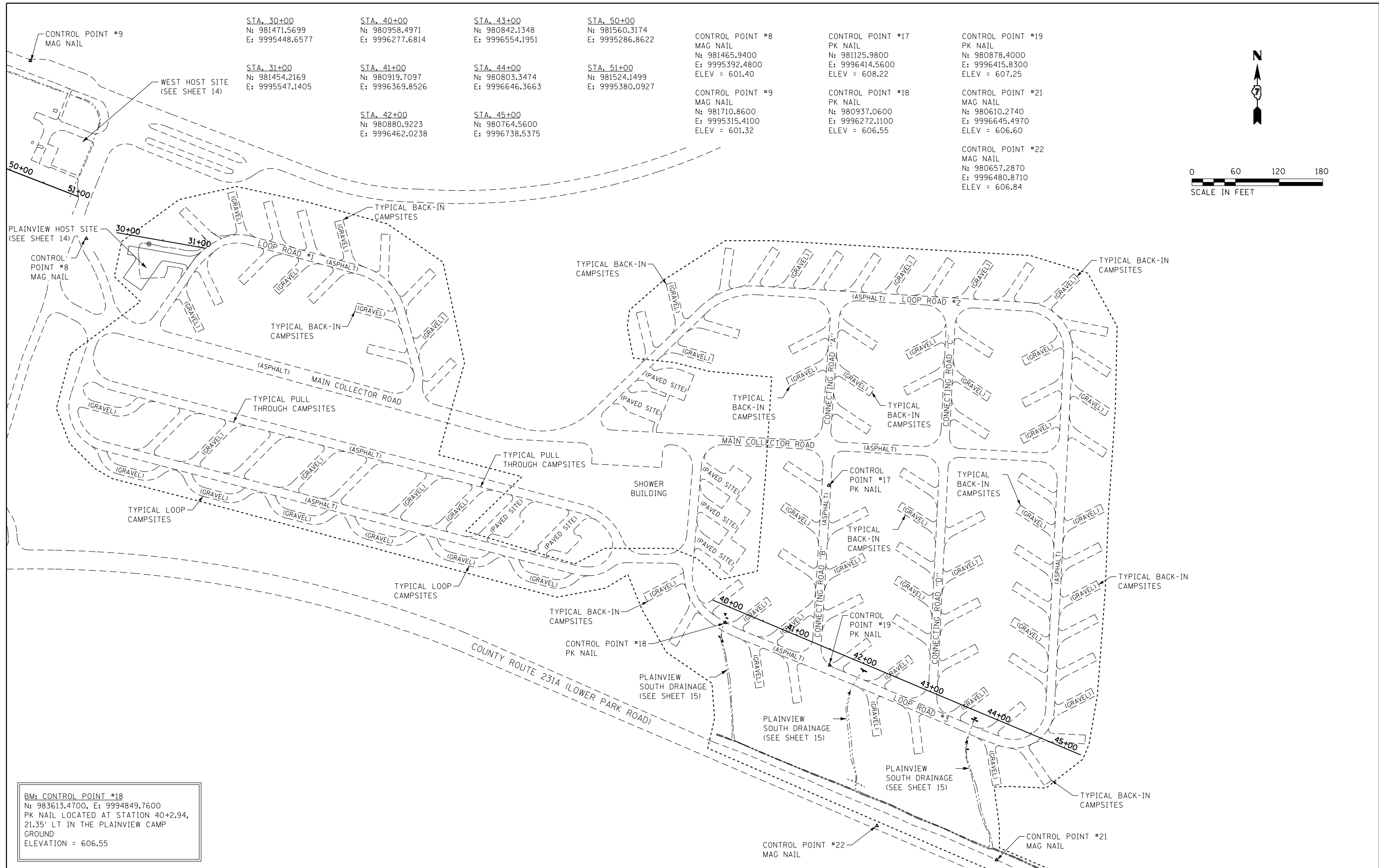
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Southeast Parking Lot	PLOT SCALE = 40.0000' / in.	DRAWN - R.H.D.	REVISED -
	PLOT DATE = 12/14/2016	CHECKED - D.R.C.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

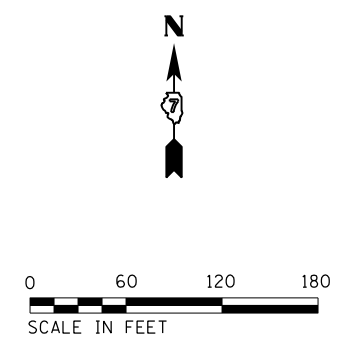
EXISTING SITE AND DEMOLITION PLAN (SOUTHEAST PARKING LOT)
LINCOLN TRAIL STATE PARK

SCALE: 1" = 20' SHEET 12 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	12
			CONTRACT NO.	46417
ILLINOIS FED. AID PROJECT				

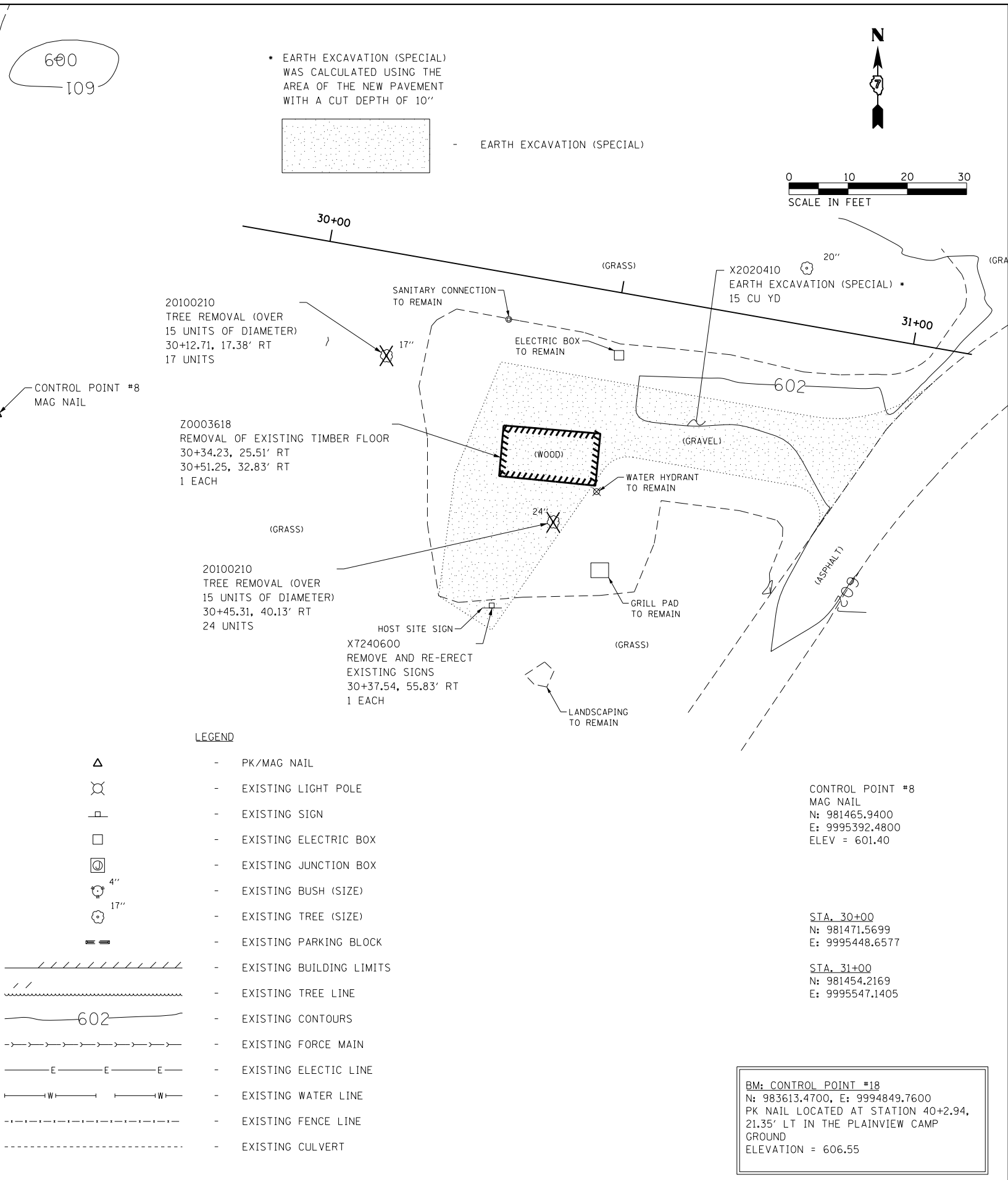
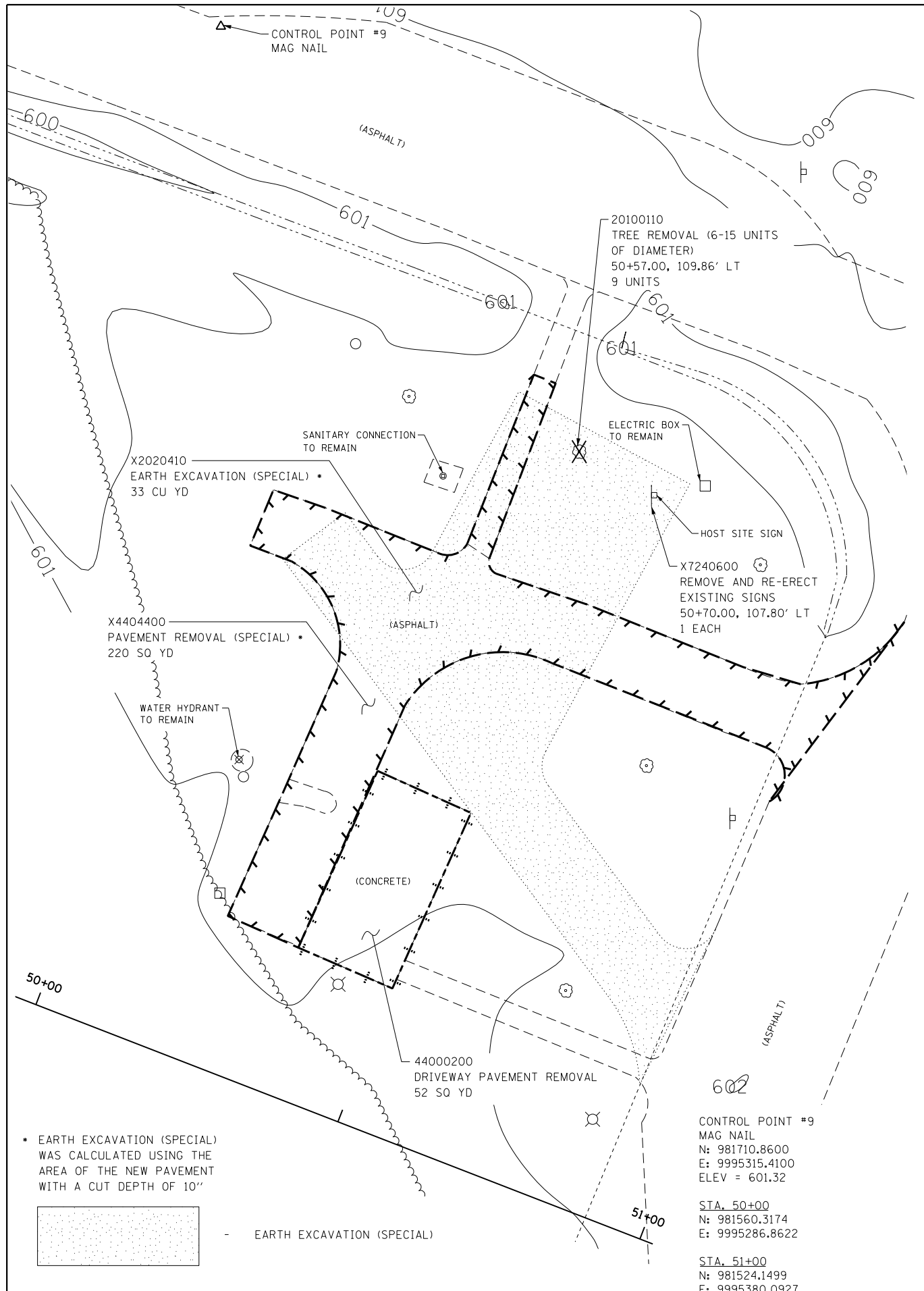


STA. 30+00 N: 981471.5699 E: 9995448.6577	STA. 40+00 N: 980958.4971 E: 9996277.6814	STA. 43+00 N: 980842.1348 E: 9996554.1951	STA. 50+00 N: 981560.3174 E: 9995286.8622	CONTROL POINT #8 MAG NAIL N: 981465.9400 E: 9995392.4800 ELEV = 601.40	CONTROL POINT #17 PK NAIL N: 981125.9800 E: 9996414.5600 ELEV = 608.22	CONTROL POINT #19 PK NAIL N: 980878.4000 E: 9996415.8300 ELEV = 607.25
STA. 31+00 N: 981454.2169 E: 9995547.1405	STA. 41+00 N: 980919.7097 E: 9996369.8526	STA. 44+00 N: 980803.3474 E: 9996646.3663	STA. 51+00 N: 981524.1499 E: 9995380.0927	CONTROL POINT #9 MAG NAIL N: 981710.8600 E: 9995315.4100 ELEV = 601.32	CONTROL POINT #18 PK NAIL N: 980937.0600 E: 9996272.1100 ELEV = 606.55	CONTROL POINT #21 MAG NAIL N: 980610.2740 E: 9996645.4970 ELEV = 606.60
	STA. 42+00 N: 980880.9223 E: 9996462.0238	STA. 45+00 N: 980764.5600 E: 9996738.5375				CONTROL POINT #22 MAG NAIL N: 980657.2870 E: 9996480.8710 ELEV = 606.84

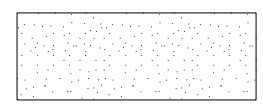


BM: CONTROL POINT #18
 N: 983613.4700, E: 9994849.7600
 PK NAIL LOCATED AT STATION 40+2.94,
 21.35' LT IN THE PLAINVIEW CAMP
 GROUND
 ELEVATION = 606.55

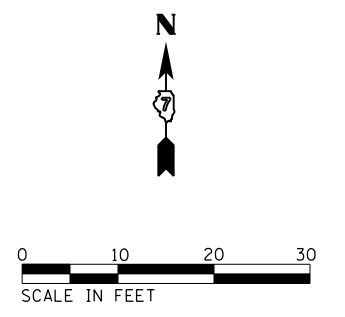
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PLOT SCALE = 120.0000' / in.	CHECKED - R.H.D.	DATE - AUGUST 16, 2016	SCALE: 1" = 60' SHEET 13 OF 45 SHEETS STA. TO STA.		CONTRACT NO. 46417		ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/15/2016									



* EARTH EXCAVATION (SPECIAL) WAS CALCULATED USING THE AREA OF THE NEW PAVEMENT WITH A CUT DEPTH OF 10"



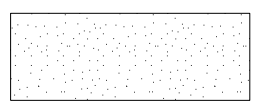
EARTH EXCAVATION (SPECIAL)



LEGEND

- PK/MAG NAIL
- EXISTING LIGHT POLE
- EXISTING SIGN
- EXISTING ELECTRIC BOX
- EXISTING JUNCTION BOX
- EXISTING BUSH (SIZE)
- EXISTING TREE (SIZE)
- EXISTING PARKING BLOCK
- EXISTING BUILDING LIMITS
- EXISTING TREE LINE
- EXISTING CONTOURS
- EXISTING FORCE MAIN
- EXISTING ELECTIC LINE
- EXISTING WATER LINE
- EXISTING FENCE LINE
- EXISTING CULVERT

* EARTH EXCAVATION (SPECIAL) WAS CALCULATED USING THE AREA OF THE NEW PAVEMENT WITH A CUT DEPTH OF 10"



EARTH EXCAVATION (SPECIAL)

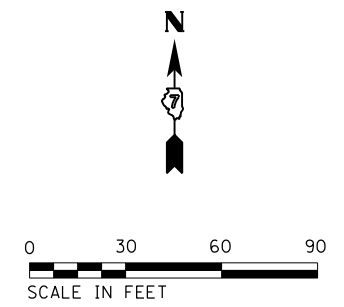
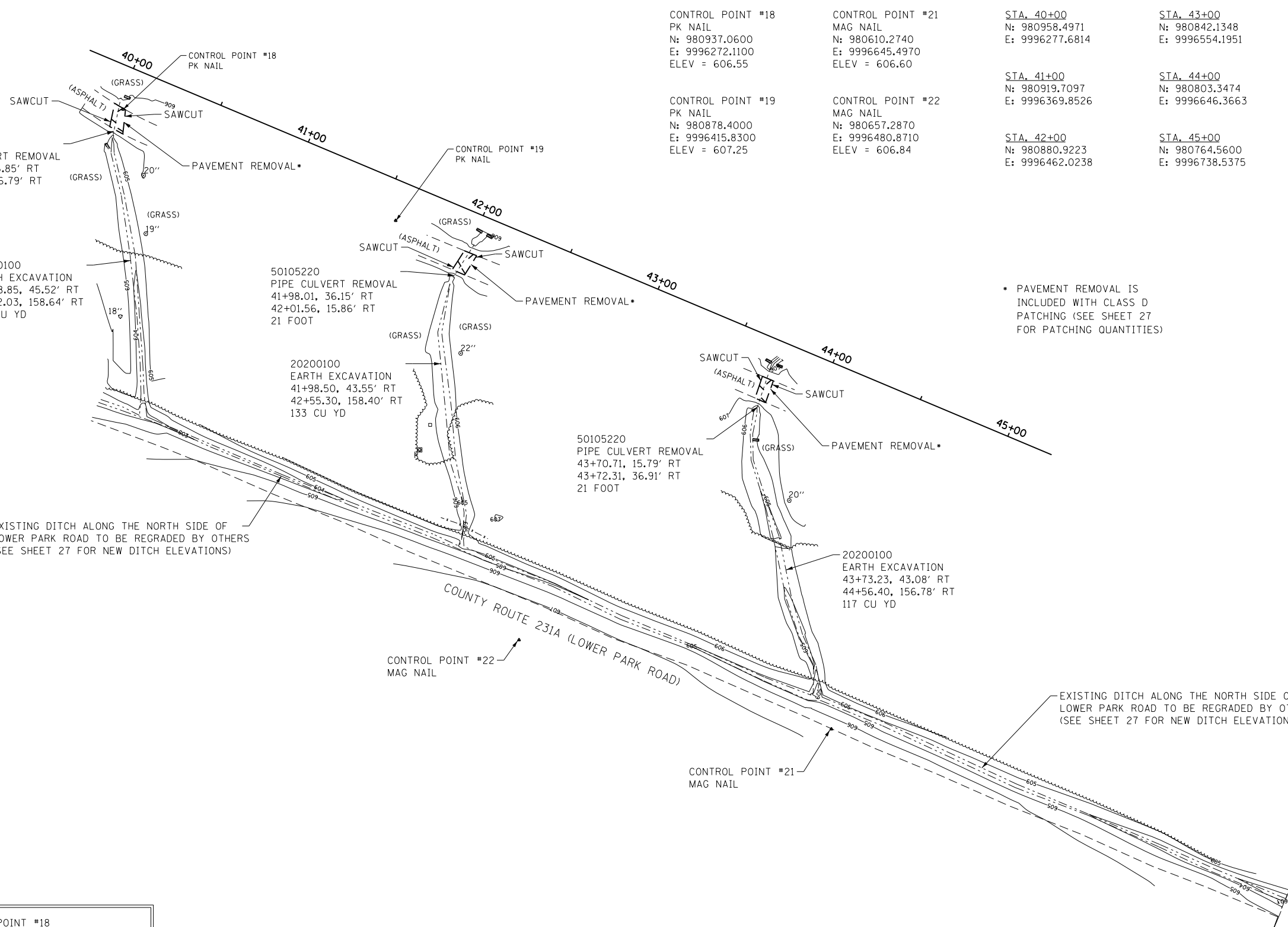
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Default	PLOT SCALE = 20.0000' / in.	DRAWN - D.R.C.	REVISED -
	PLOT DATE = 12/15/2016	CHECKED - R.H.D.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SITE AND DEMOLITION PLAN (PLAINVIEW HOST SITES)
LINCOLN TRAIL STATE PARK

SCALE: 1" = 10' SHEET 14 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	14
CONTRACT NO. 46417			ILLINOIS FED. AID PROJECT	



LEGEND

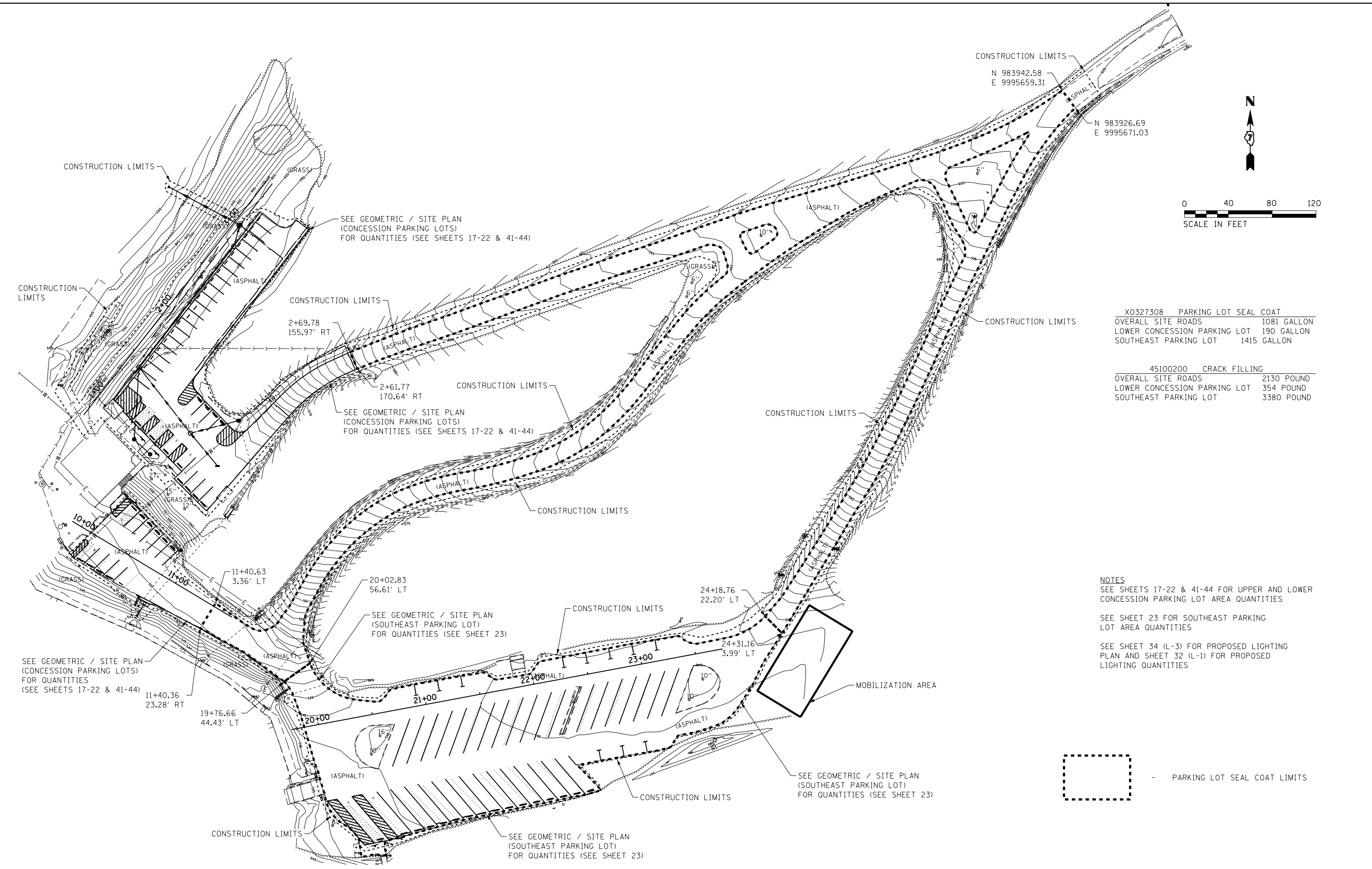
- ▲ - PK/MAG NAIL
- ⊕ - EXISTING LIGHT POLE
- ⊙ - EXISTING SIGN
- - EXISTING ELECTRIC BOX
- ⊞ - EXISTING JUNCTION BOX
- ⊘ - EXISTING BUSH (SIZE)
- ⊙ - EXISTING TREE (SIZE)
- - EXISTING PARKING BLOCK
- - EXISTING BUILDING LIMITS
- - EXISTING TREE LINE
- - EXISTING CONTOURS
- - EXISTING FORCE MAIN
- E — - EXISTING ELECTIC LINE
- - EXISTING WATER LINE
- - - - - EXISTING FENCE LINE
- - - - - EXISTING CULVERT

BM: CONTROL POINT #18
N: 983613.4700, E: 9994849.7600
PK NAIL LOCATED AT STATION 40+2.94,
21.35' LT IN THE PLAINVIEW CAMP
GROUND
ELEVATION = 606.55

SEE SHEET 45 FOR
DITCH CROSS SECTIONS

SEE SHEET 13
FOR SITE LOCATION IN
PLAINVIEW CAMPGROUND

FILE NAME = C-Demo_5_30SC.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING SITE AND DEMOLITION PLAN (PLAINVIEW SOUTH DRAINAGE) LINCOLN TRAIL STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLAINVIEW DRAINAGE	PLOT SCALE = 60.0000' / in.	DRAWN - D.R.C.	REVISED -					PARK ROADS 2017-01	CLARK	45	15	
	PLOT DATE = 12/15/2016	CHECKED - R.H.D.	REVISED -				SCALE: 1" = 30'		SHEET 15 OF 45 SHEETS		STA. TO STA.	
											ILLINOIS FED. AID PROJECT	



X0327308 PARKING LOT SEAL COAT	
OVERALL SITE ROADS	1081 GALLON
LOWER CONCESSION PARKING LOT	190 GALLON
SOUTHEAST PARKING LOT	1415 GALLON
45100200 CRACK FILLING	
OVERALL SITE ROADS	2130 POUND
LOWER CONCESSION PARKING LOT	354 POUND
SOUTHEAST PARKING LOT	3380 POUND

NOTES
 SEE SHEETS 17-22 & 41-44 FOR UPPER AND LOWER CONCESSION PARKING LOT AREA QUANTITIES
 SEE SHEET 23 FOR SOUTHEAST PARKING LOT AREA QUANTITIES
 SEE SHEET 34 (L-3) FOR PROPOSED LIGHTING PLAN AND SHEET 32 (L-1) FOR PROPOSED LIGHTING QUANTITIES



FILE NAME = C:\Site-Grad\3_40SC.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRIC /SITE PLAN (PARK ROADS) LINCOLN TRAIL STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 80.0000' / in.	DRAWN - D.R.C.	REVISED -		SCALE: 1" = 40'	SHEET 16	OF 45 SHEETS	STA.	TO STA.	CLARK	45	16
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -							CONTRACT NO. 46417		
		DATE - AUGUST 16, 2016	REVISED -							ILLINOIS FED. AID PROJECT		

TOPSOIL FURNISH AND PLACE
(SEE SHEET 19 FOR QUANTITIES)

60605000
COMBINATION CONCRETE
CURB AND GUTTER, TYPE B-6.24
1+02.67, 15.00' RT
3+20.31, 15.00' RT
218 FT

CONSTRUCTION LIMITS

72000100 SIGN PANEL - TYPE 1
0+96.95, 38.48' RT 0.5 SQ FT
0+90.09, 55.70' RT 0.5 SQ FT
0+87.73, 73.55' RT 0.5 SQ FT
0+85.42, 91.43' RT 0.5 SQ FT
10+30.78, 44.65' LT 0.5 SQ FT

NEW ASPHALT SURFACING
1+54.90, 58.23' RT
3+34.50, 43.00' RT
469 SQ YD

SEE GEOMETRIC / SITE
PLAN (PARK ROADS)
(SEE SHEET 16)

CONSTRUCTION LIMITS

2+69.78
155.97' RT

CONSTRUCTION LIMITS

2+61.77
170.64' RT

NEW ASPHALT PAVEMENT
0+75.00, 141.90' RT
3+20.31, 15.00' RT
1,486 SQ YD

CONSTRUCTION LIMITS

SEE GEOMETRIC / SITE
PLAN (PARK ROADS)
(SEE SHEET 16)

40600275 BITUMINOUS MATERIALS (PRIME COAT)
UPPER CONCESSION PARKING LOT 4399 POUND

40600290 BITUMINOUS MATERIALS (TACK COAT)
UPPER CONCESSION PARKING LOT 440 POUND

40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
0+75.00, 141.90' RT - 3+20.31, 15.00' RT 124.8 TON
1+54.90, 58.23' RT - 3+34.50, 43.00' RT 39.4 TON

40602978 HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50
0+75.00, 141.90' RT - 3+20.31, 15.00' RT 124.8 TON
1+54.90, 58.23' RT - 3+34.50, 43.00' RT 39.4 TON

35102000 AGGREGATE BASE COURSE, TYPE B 8"
0+75.00, 141.90' RT - 3+20.31, 15.00' RT 1,486 SQ YD

Z0027800 GEOTECHNICAL FABRIC
0+75.00, 141.90' RT - 3+20.31, 15.00' RT 1,486 SQ YD

42400800 DETECTABLE WARNINGS
0+89.52, 102.02' RT - 0+97.24, 43.53' RT 118 SQ FT
0+98.46, 34.29' RT - 0+98.98, 30.34' RT 8 SQ FT
10+15.26, 18.55' LT - 10+17.22, 24.98' LT 13 SQ FT

REINSTALLED CONCRETE PARKING BLOCKS
0+77.75, 135.77' RT - 0+81.32, 105.99' RT 4 EACH
0+92.16, 97.33' RT - 0+99.22, 43.79' RT 4 EACH
1+47.74, 104.13' RT - 1+51.67, 74.39' RT 4 EACH
10+14.06, 26.71' RT - 10+45.12, 26.73' RT 4 EACH
10+32.34, 39.57' LT - 10+81.11, 26.45' LT 6 EACH



LEGEND

- NEW SIGN
- NEW PARKING BLOCK
- NEW DETECTABLE WARNING
- NEW A.D.A. SYMBOL
- NEW INLET
- NEW MANHOLE
- NEW UNDERDRAIN
- NEW STORM SEWER

NOTE
SEE SHEET 34 (L-3) FOR PROPOSED
LIGHTING PLAN AND SHEET 32 (L-1)
FOR PROPOSED LIGHTING QUANTITIES

KEYNOTES
(SEE SITE DETAILS - SHEET 34-35)

- ① - 90° PARKING STRIPING, WHITE (4")
- ② - 90° HANDICAPPED PARKING STRIPING, YELLOW (6")
- ③ - HANDICAPPED PARKING SIGN
- ④ - 4" DIAGONAL STRIPE, WHITE
- ⑤ - PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑥ - REINSTALLED CONCRETE PARKING BLOCKS
- ⑦ - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ - CONCRETE CURB, TYPE B (BARRIER CURB)

A X6024240
INLETS SPECIAL
10+85.05, 30.18' RT
1 EACH
(SEE DETAILS - SHEET 18)

B 542C0229
PIPE CULVERTS, CLASS C, TYPE 1, 24"
10+85.12, 31.42' RT
10+85.12, 41.42' RT
10 FOOT

C 54213459
END SECTIONS 24"
10+85.12, 41.42' RT
1 EACH

D 60600605
CONCRETE CURB, TYPE B
10+94.82, 25.86' RT
11+04.33, 25.43' RT
10 FOOT

NEW ASPHALT PAVEMENT
(SEE DETAIL - SHEET 30)

NEW ASPHALT SURFACING
(SEE DETAIL - SHEET 30)

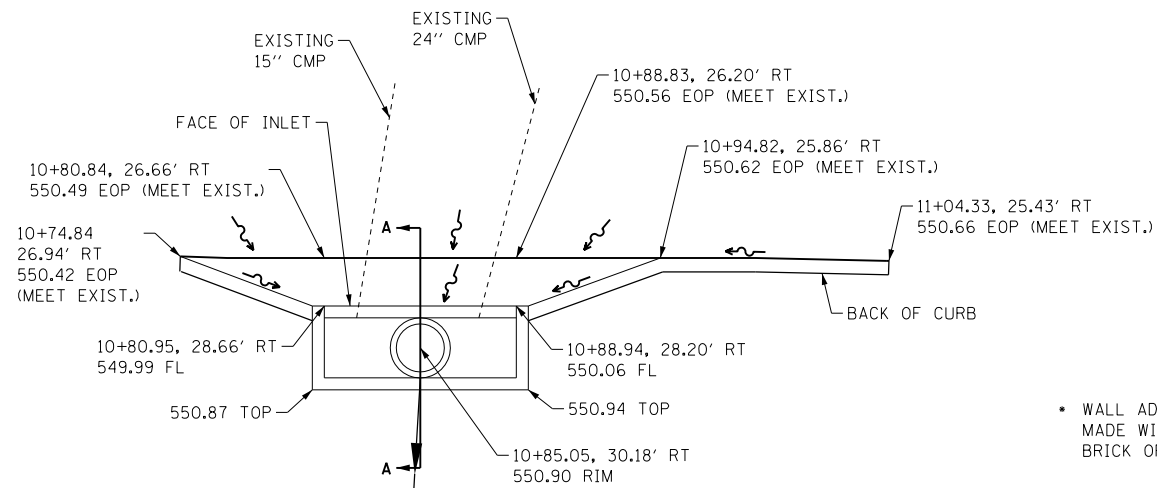
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC / SITE PLAN (CONCESSION PARKING LOTS)
LINCOLN TRAIL STATE PARK

FILE NAME = C:\Site\Grad.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16
		DRAWN - D.R.C.	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - R.H.D.	REVISED -
Upper Concession Parking	PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -

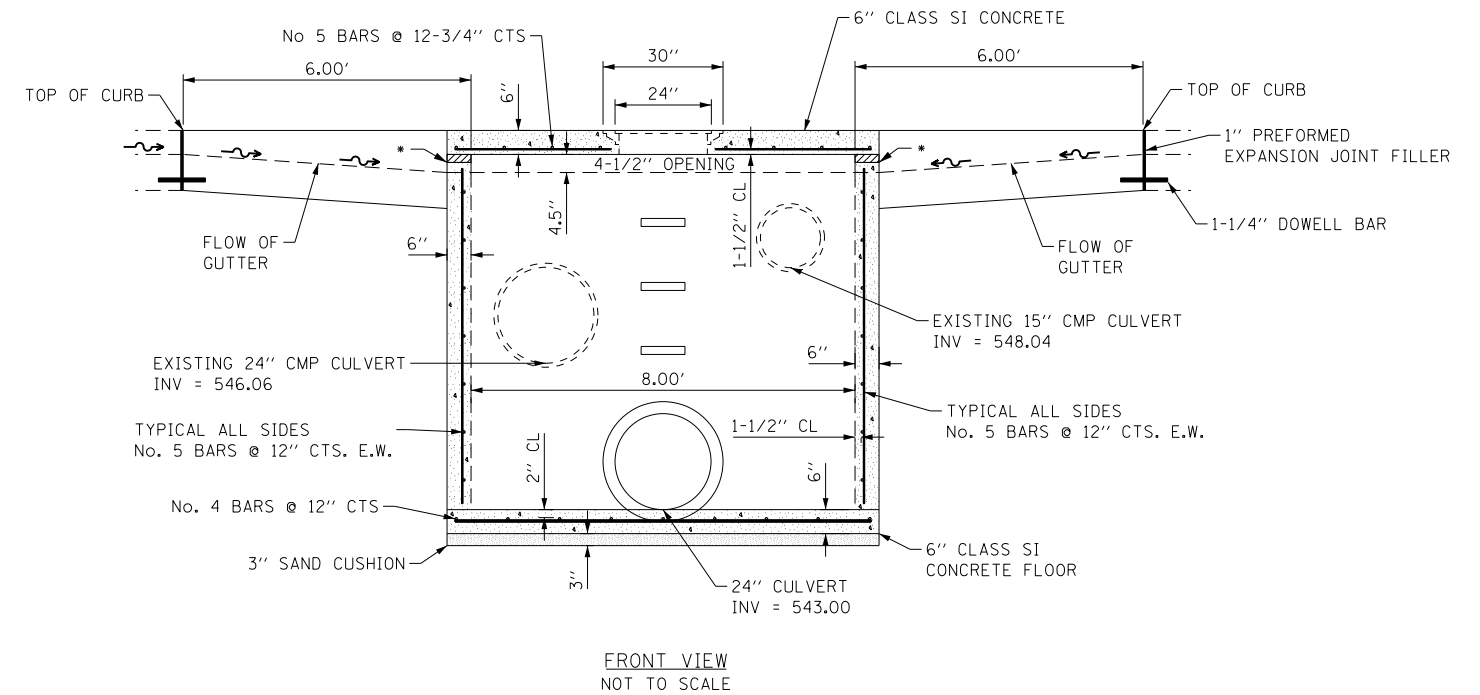
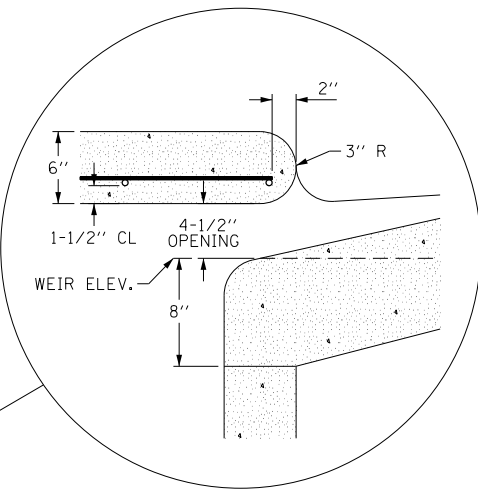
SCALE: 1" = 20' SHEET 17 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 46417	

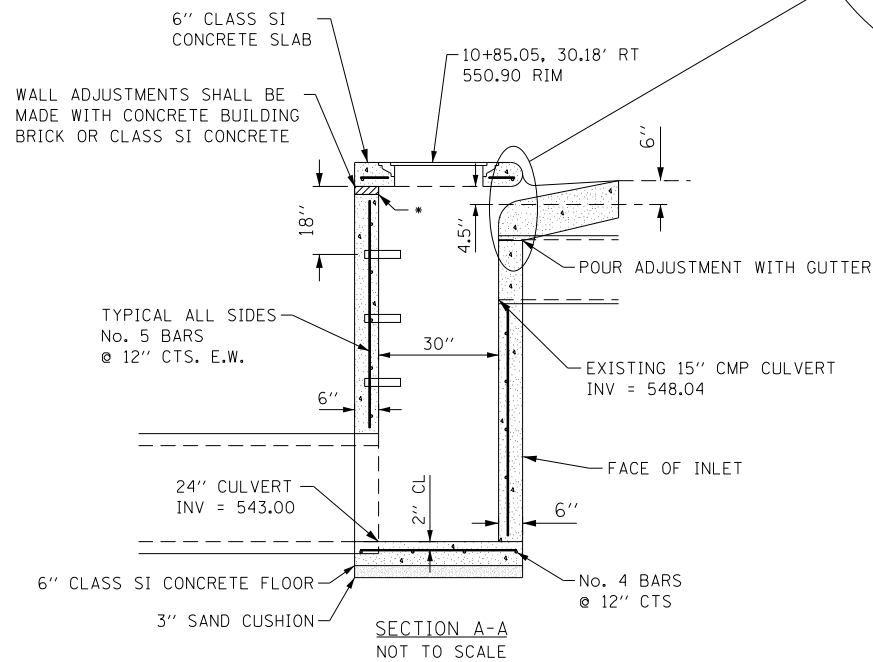


INLETS SPECIAL (PLAN VIEW)
NOT TO SCALE

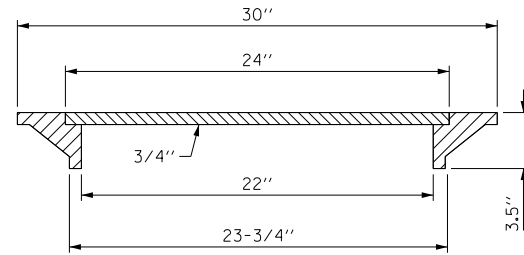
WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE



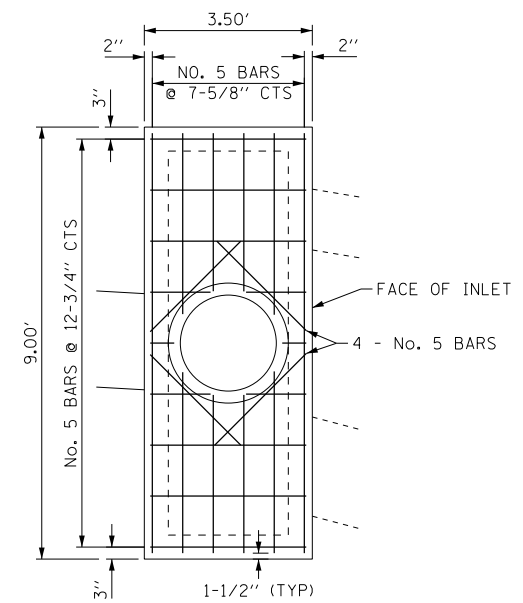
FRONT VIEW
NOT TO SCALE



SECTION A-A
NOT TO SCALE



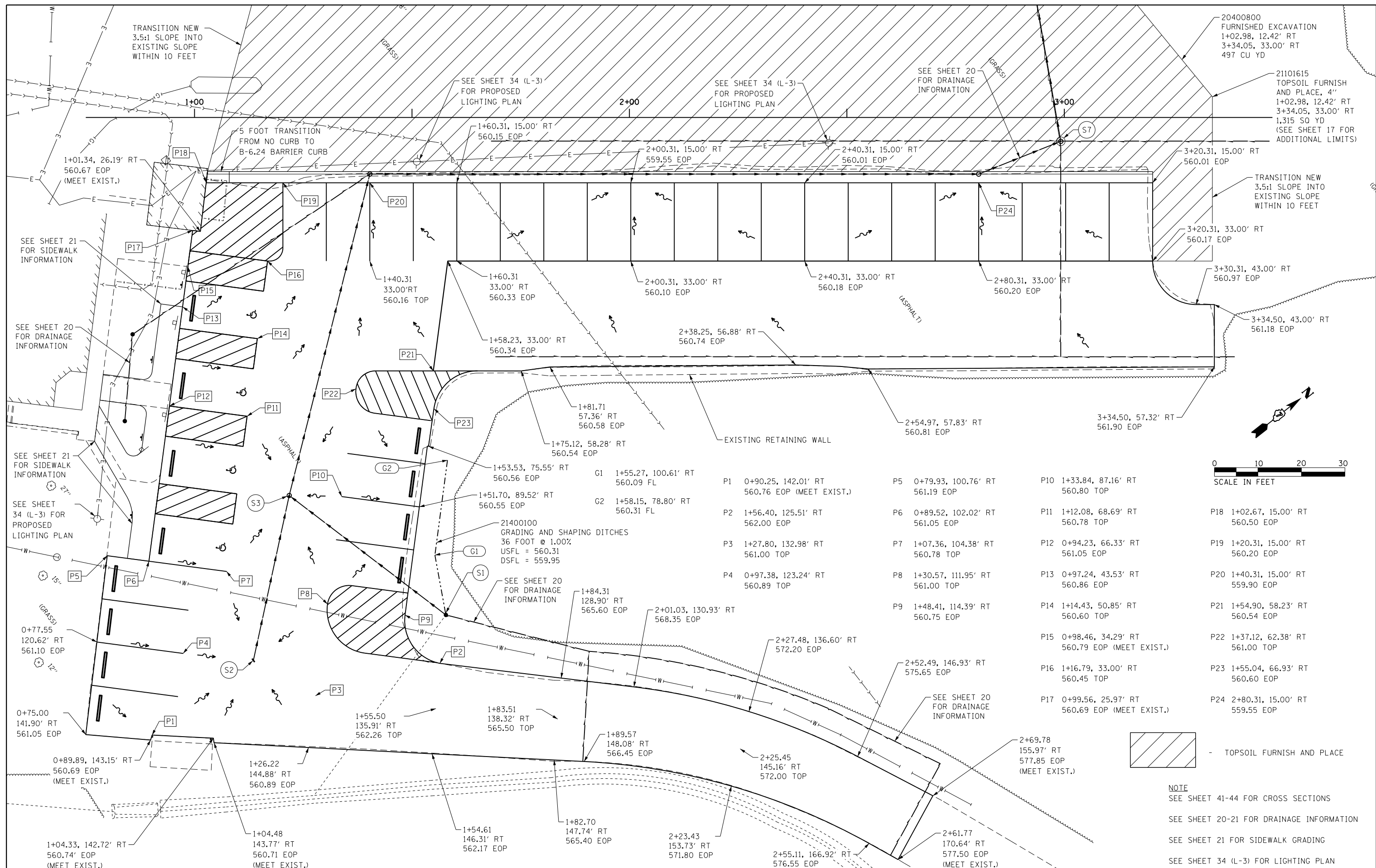
LIGHT WEIGHT MANHOLE CASTING
NOT TO SCALE



TOP SLAB REINFORCEMENT
NOT TO SCALE

NOTES
SEE LOWER CONCESSION PARKING LOT SITE PLAN (SHEET 17) FOR INLETS SPECIAL LOCATION
SEE STANDARD 602701 FOR DETAILS OF STEPS
STEPS TO BE 12" TO 16" CTS
1" PREFORMED EXPANSION JOINTS (AS SHOWN) SHALL BE PROVIDED ON EACH SIDE OF INLET
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS
EXCEPT AS NOTED HEREON, THE INLET SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS
THE CONTRACT UNIT PRICE FOR THE INLET SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR, TOP SLAB, AND STEPS.
THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION.

FILE NAME = C:\Site-Grad.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INLETS SPECIAL CONSTRUCTION & REINFORCEMENT DETAILS LINCOLN TRAIL STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Upper Concession Parking	PLOT SCALE = 40.0000' / in.	DRAWN - D.R.C.	REVISED -			PARK ROADS 2017-01	CLARK	45	18	
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -			CONTRACT NO. 46417				
		DATE - AUGUST 16, 2016	REVISED -			ILLINOIS FED. AID PROJECT				



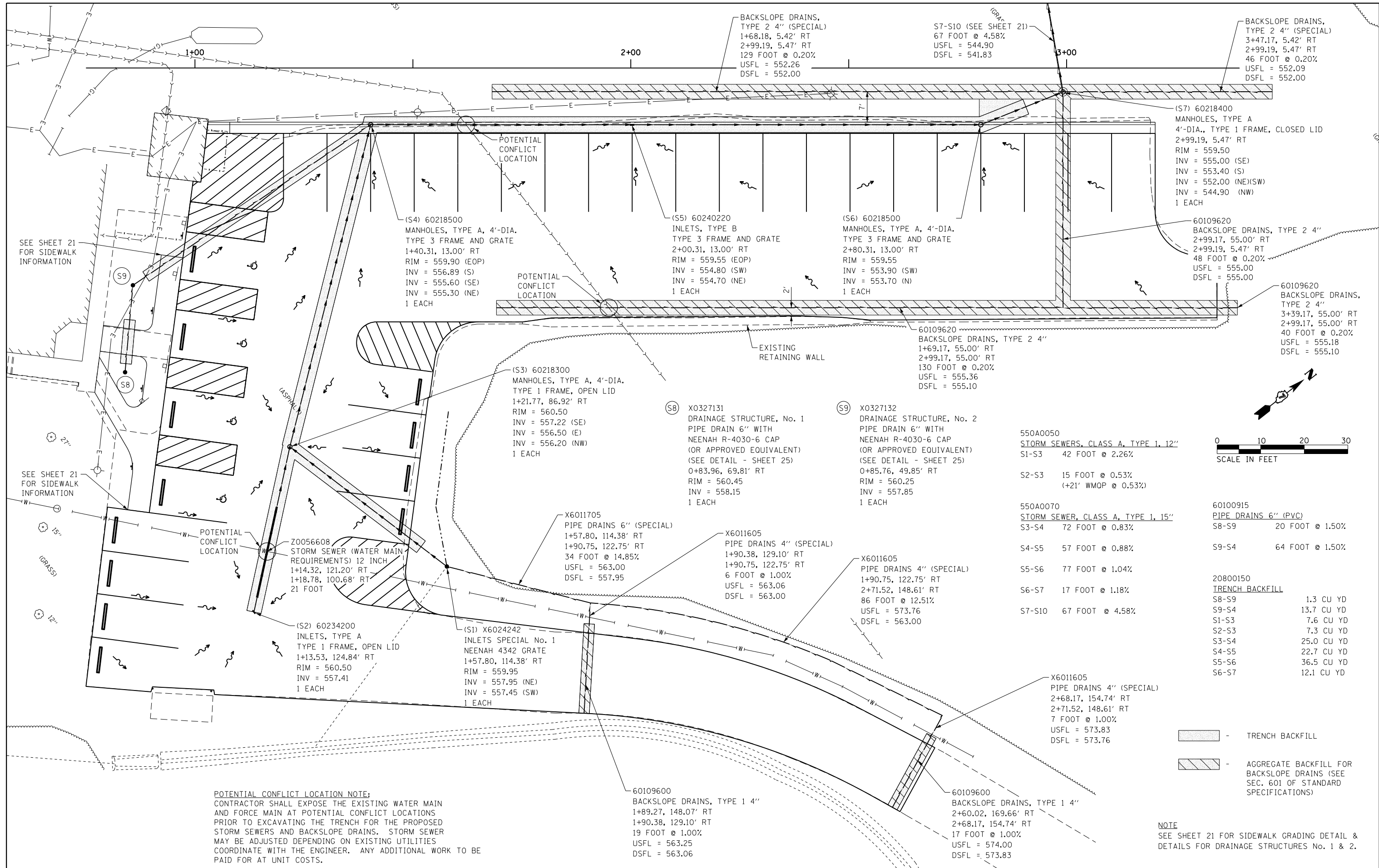
FILE NAME = C:\Site\Grad.2.10SC.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16
Grading Upper Concession	PLOT SCALE = 20.0000' / in.	DRAWN - D.R.C.	REVISED -
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRADING PLAN (UPPER CONCESSION PARKING LOT)
LINCOLN TRAIL STATE PARK**

SCALE: 1" = 10' SHEET 19 OF 45 SHEETS STA. TO STA.

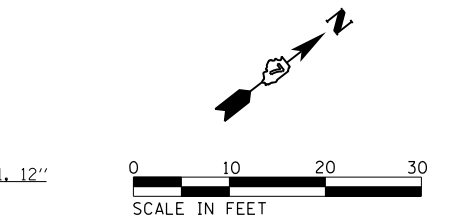
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	19
CONTRACT NO. 46417			ILLINOIS FED. AID PROJECT	



SEE SHEET 21 FOR SIDEWALK INFORMATION

SEE SHEET 21 FOR SIDEWALK INFORMATION

POTENTIAL CONFLICT LOCATION NOTE:
 CONTRACTOR SHALL EXPOSE THE EXISTING WATER MAIN AND FORCE MAIN AT POTENTIAL CONFLICT LOCATIONS PRIOR TO EXCAVATING THE TRENCH FOR THE PROPOSED STORM SEWERS AND BACKSLOPE DRAINS. STORM SEWER MAY BE ADJUSTED DEPENDING ON EXISTING UTILITIES COORDINATE WITH THE ENGINEER. ANY ADDITIONAL WORK TO BE PAID FOR AT UNIT COSTS.



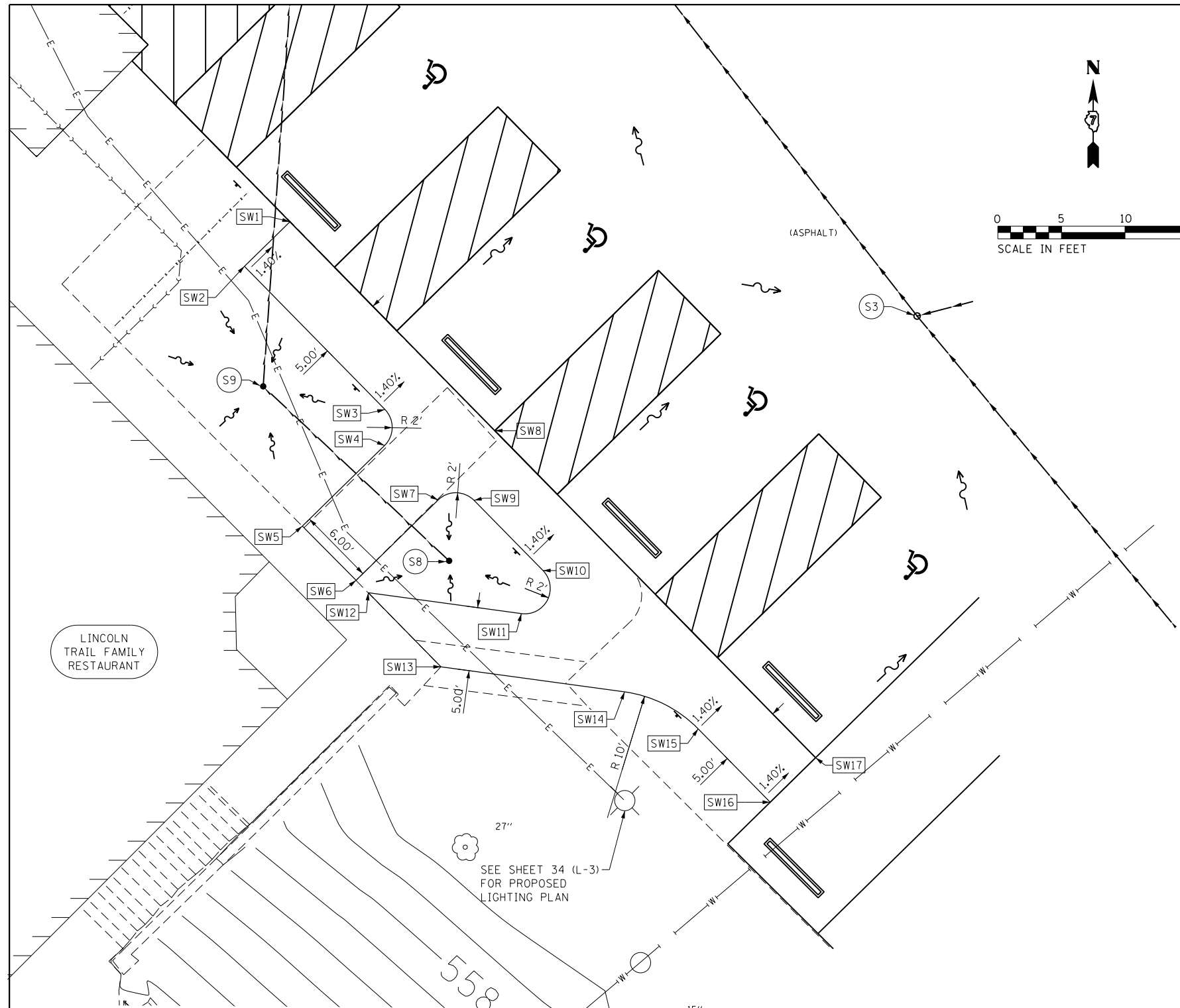
550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"
S1-S3	42 FOOT @ 2.26%
S2-S3	15 FOOT @ 0.53% (+21' WMQP @ 0.53%)
550A0070	STORM SEWER, CLASS A, TYPE 1, 15"
S3-S4	72 FOOT @ 0.83%
S4-S5	57 FOOT @ 0.88%
S5-S6	77 FOOT @ 1.04%
S6-S7	17 FOOT @ 1.18%
S7-S10	67 FOOT @ 4.58%

60100915	PIPE DRAINS 6" (PVC)
S8-S9	20 FOOT @ 1.50%
S9-S4	64 FOOT @ 1.50%
20800150	TRENCH BACKFILL
S8-S9	1.3 CU YD
S9-S4	13.7 CU YD
S1-S3	7.6 CU YD
S2-S3	7.3 CU YD
S3-S4	25.0 CU YD
S4-S5	22.7 CU YD
S5-S6	36.5 CU YD
S6-S7	12.1 CU YD

- TRENCH BACKFILL
- AGGREGATE BACKFILL FOR BACKSLOPE DRAINS (SEE SEC. 601 OF STANDARD SPECIFICATIONS)

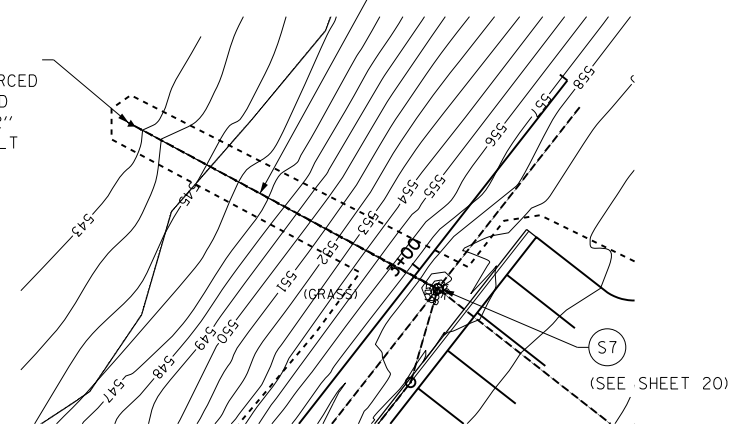
NOTE
 SEE SHEET 21 FOR SIDEWALK GRADING DETAIL & DETAILS FOR DRAINAGE STRUCTURES No. 1 & 2.

FILE NAME = C:\Site\Grad.2.10SC.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN (UPPER CONCESSION PARKING LOT) LINCOLN TRAIL STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Drainage Upper Concession	PLOT SCALE = 20.0000' / in.	DRAWN - D.R.C.	REVISED -				PARK ROADS 2017-01	CLARK	45	20
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -		SCALE: 1" = 10'	SHEET 20	OF 45 SHEETS	STA.	TO STA.	CONTRACT NO. 46417
		DATE - AUGUST 16, 2016	REVISED -							ILLINOIS FED. AID PROJECT

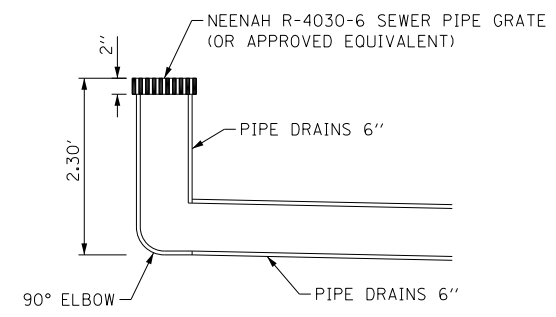


S7-S10
 STORM SEWERS, CLASS A, TYPE 1, 12"
 67 FOOT @ 4.58%
 USFL = 544.90
 DSFL = 541.83

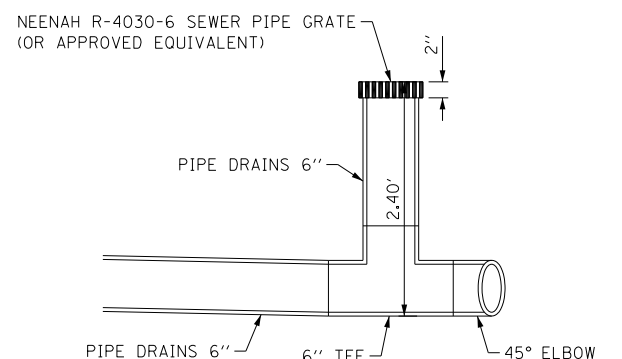
(S10) 54213657
 PRECAST REINFORCED
 CONCRETE FLARED
 END SECTIONS 12"
 2+86.73, 66.47' LT
 1 EACH
 FL = 541.24



(S7)-(S10) STORM SEWER LAYOUT
 NOT TO SCALE



(S8) DRAINAGE STRUCTURE No. 1
 NOT TO SCALE



(S9) DRAINAGE STRUCTURE No. 2
 NOT TO SCALE

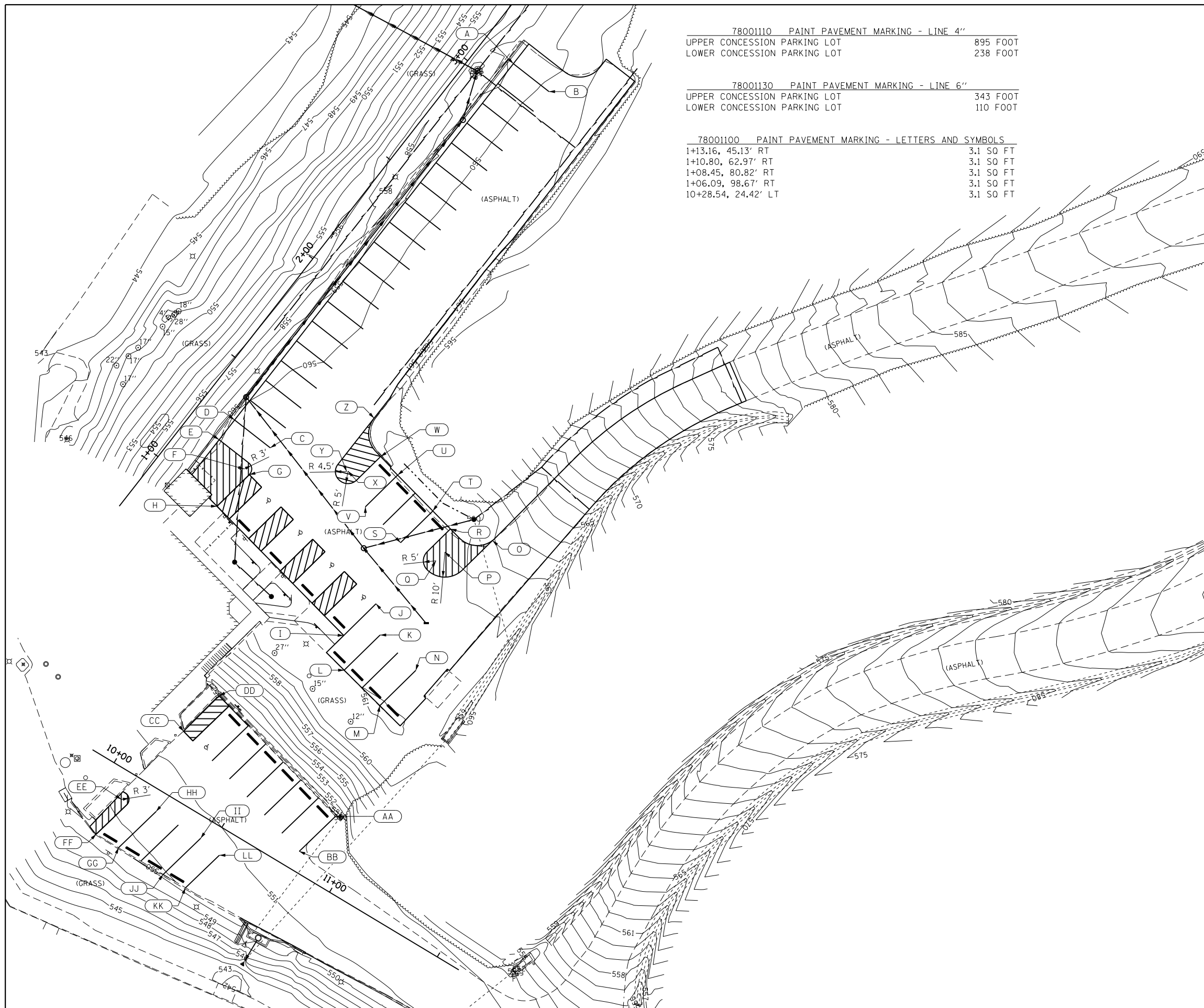
SIDEWALK GRADING INFORMATION

SW1	0+97.24, 43.53' RT 560.86 EOP	SW6	0+78.25, 65.00' RT 560.61 TOW (MEET EXIST.)	SW11	0+84.19, 76.83' RT 560.97 TOW	SW16	0+84.56, 101.37' RT 561.12 TOW
SW2	0+92.28, 42.88' RT 560.93 TOW	SW7	0+87.19, 66.18' RT 561.03 TOW	SW12	0+78.07, 66.35' RT 560.61 TOW (MEET EXIST.)	SW17	0+89.52, 102.02' RT 561.05 EOP
SW3	0+90.22, 58.51' RT 561.06 TOW	SW8	0+91.23, 66.33' RT 561.05 EOP	SW13	0+77.00, 74.44' RT 560.58 TOW (MEET EXIST.)	S8	0+83.96, 69.81' RT 560.45 RIM (SEE SHEET 24)
SW4	0+87.98, 60.23' RT 560.99 TOW	SW9	0+88.91, 68.42' RT 561.12 TOW	SW14	0+84.34, 87.01' RT 561.02 TOW	S9	0+85.79, 49.85' RT 560.25 RIM (SEE SHEET 24)
SW5	0+79.00, 59.04' RT 560.61 TOW (MEET EXIST.)	SW10	0+87.90, 76.09' RT 561.12 TOW	SW15	0+85.62, 93.36' RT 561.12 TOW		

78001110 PAINT PAVEMENT MARKING - LINE 4"
 UPPER CONCESSION PARKING LOT 895 FOOT
 LOWER CONCESSION PARKING LOT 238 FOOT

78001130 PAINT PAVEMENT MARKING - LINE 6"
 UPPER CONCESSION PARKING LOT 343 FOOT
 LOWER CONCESSION PARKING LOT 110 FOOT

78001100 PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
 1+13.16, 45.13' RT 3.1 SO FT
 1+10.80, 62.97' RT 3.1 SO FT
 1+08.45, 80.82' RT 3.1 SO FT
 1+06.09, 98.67' RT 3.1 SO FT
 10+28.54, 24.42' LT 3.1 SO FT



PAVEMENT MARKING CHART (UPPER CONCESSION PARKING LOT)

No.	STATION	OFFSET	RADIUS
A	3+10.31	15.00' RT	---
B	3+10.31	33.00' RT	---
C	1+30.31	33.00' RT	---
D	1+30.31	15.00' RT	---
E	1+20.31	15.00' RT	---
F	1+17.31	30.00' RT	R=3'
G	1+16.79	33.00' RT	---
H	0+98.94	30.64' RT	---
I	0+89.52	102.02' RT	---
J	1+07.36	104.38' RT	---
K	0+98.57	113.31' RT	---
L	0+78.74	110.69' RT	---
M	0+76.36	130.55' RT	---
N	0+96.19	133.17' RT	---
O	1+55.73	125.36' RT	---
P	1+40.49	113.26' RT	R=10'
Q	1+35.53	112.60' RT	R=5'
R	1+49.07	109.35' RT	---
S	1+32.54	97.08' RT	---
T	1+50.38	99.43' RT	---
U	1+53.00	79.61' RT	---
V	1+35.15	77.25' RT	---
W	1+54.64	69.73' RT	---
X	1+42.07	63.03' RT	R=5'
Y	1+41.61	62.75' RT	R=10'
Z	1+65.07	58.25' RT	---

PAVEMENT MARKING CHART (LOWER CONCESSION PARKING LOT)

No.	STATION	OFFSET	RADIUS
AA	10+86.45	27.08' LT	---
BB	10+81.26	7.77' LT	---
CC	10+17.22	25.00' LT	---
DD	10+22.09	44.40' LT	---
EE	10+10+00	11.00' RT	R=3'
FF	10+08.53	28.00' RT	---
GG	10+18.89	28.01' RT	---
HH	10+24.27	8.00' RT	---
II	10+44.98	8.02' RT	---
JJ	10+39.60	28.02' RT	---
KK	10+49.95	28.02' RT	---
LL	10+54.81	9.97' RT	---

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PLOT SCALE = 40.0000' / in.		DRAWN - D.R.C.	REVISED -
PLOT DATE = 12/14/2016		CHECKED - R.H.D.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING (CONCESSION PARKING LOTS)
 LINCOLN TRAIL STATE PARK

SCALE: 1" = 20' SHEET 22 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	22
CONTRACT NO. 46417			ILLINOIS FED. AID PROJECT	

7800110 PAINT PAVEMENT MARKING - LINE 4"
SOUTHEAST PARKING LOT 1,752 FOOT

7800130 PAINT PAVEMENT MARKING - LINE 6"
SOUTHEAST PARKING LOT 612 FOOT

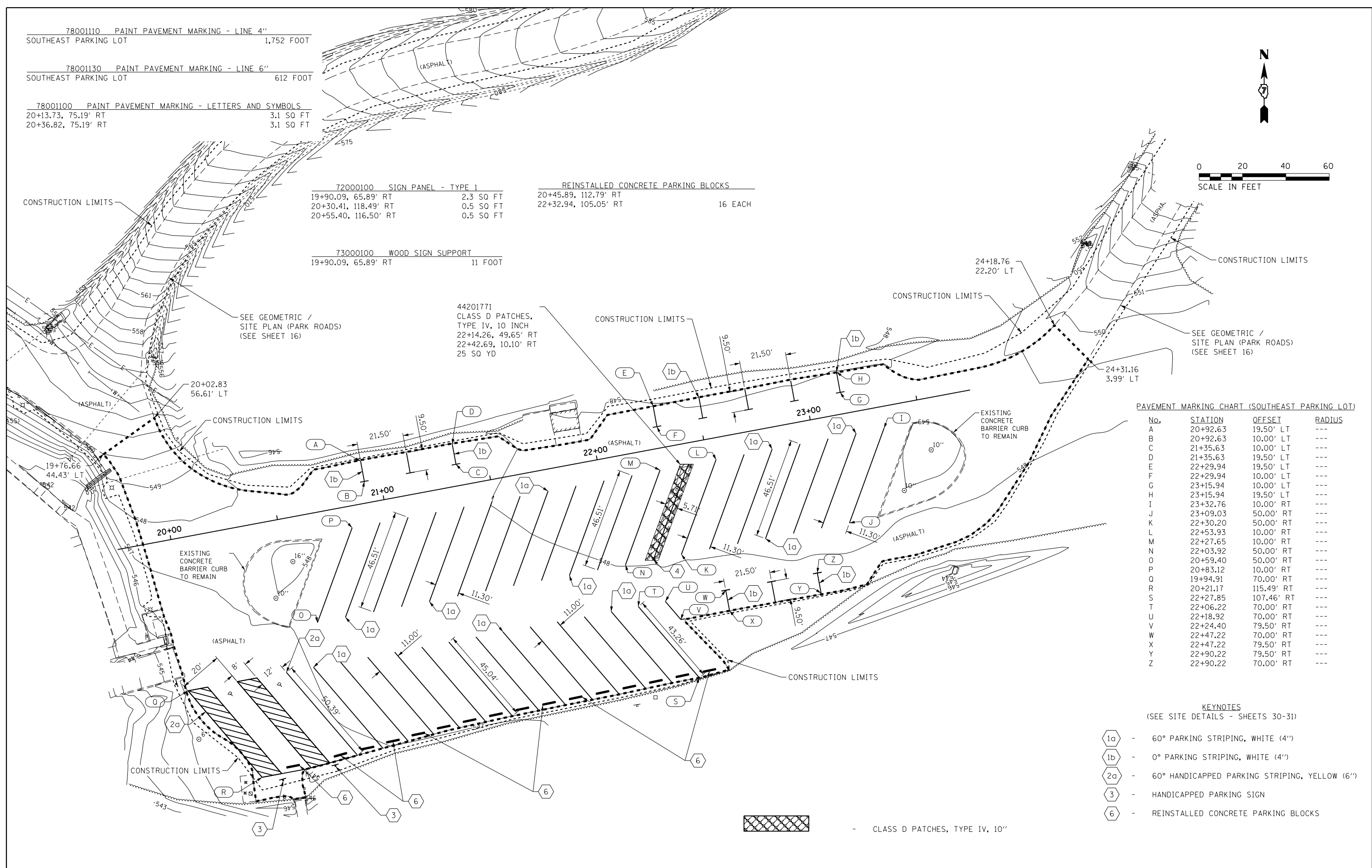
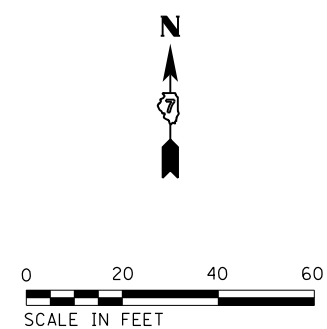
7800100 PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS
20+13.73, 75.19' RT 3.1 SQ FT
20+36.82, 75.19' RT 3.1 SQ FT

72000100 SIGN PANEL - TYPE 1
19+90.09, 65.89' RT 2.3 SQ FT
20+30.41, 118.49' RT 0.5 SQ FT
20+55.40, 116.50' RT 0.5 SQ FT

73000100 WOOD SIGN SUPPORT
19+90.09, 65.89' RT 11 FOOT

REINSTALLED CONCRETE PARKING BLOCKS
20+45.89, 112.79' RT 16 EACH
22+32.94, 105.05' RT

44201771 CLASS D PATCHES, TYPE IV, 10 INCH
22+14.26, 49.65' RT 25 SQ YD
22+42.69, 10.10' RT



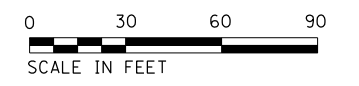
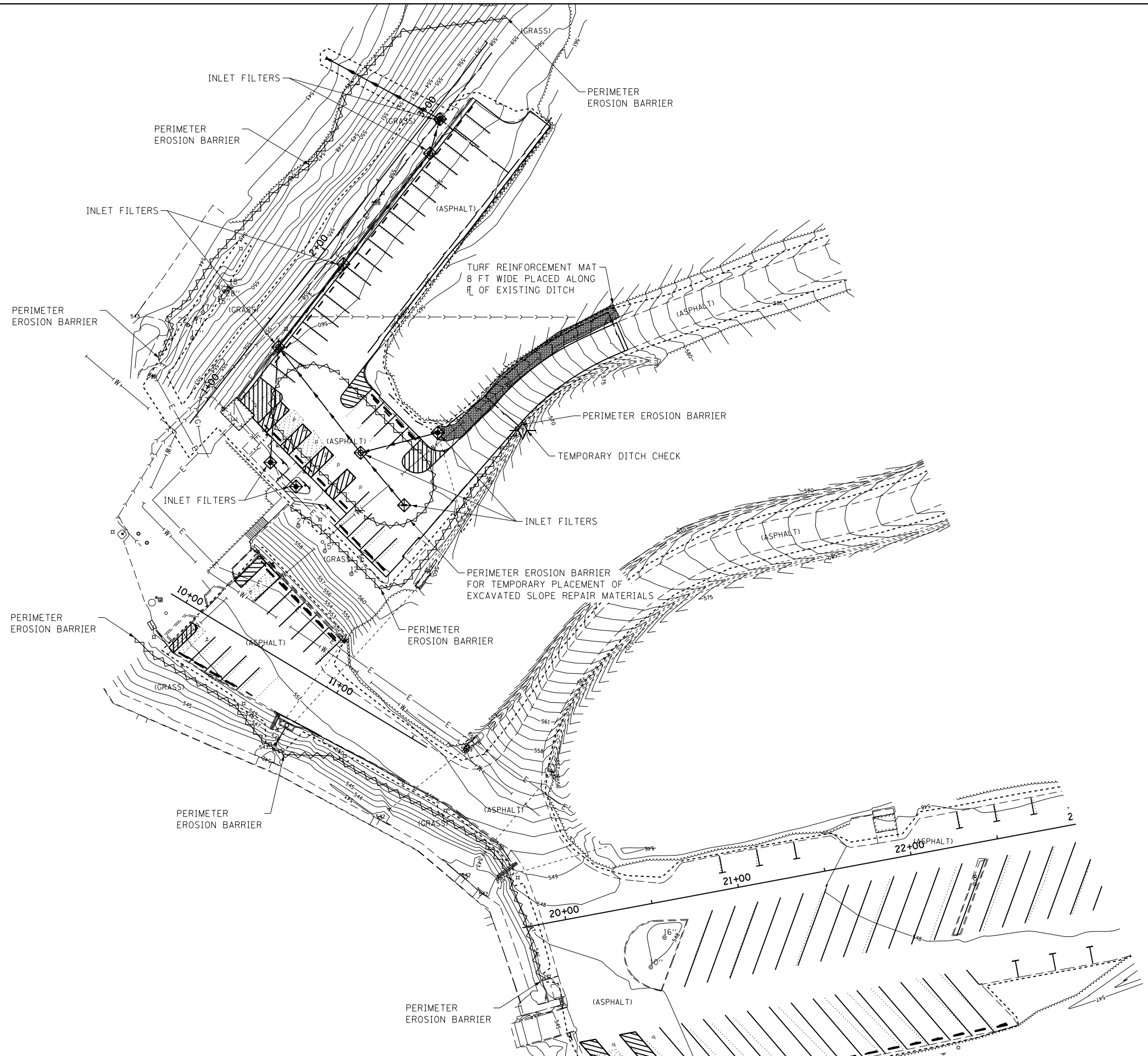
PAVEMENT MARKING CHART (SOUTHEAST PARKING LOT)

No.	STATION	OFFSET	RADIUS
A	20+92.63	19.50' LT	---
B	20+92.63	10.00' LT	---
C	21+35.63	10.00' LT	---
D	21+35.63	19.50' LT	---
E	22+29.94	19.50' LT	---
F	22+29.94	10.00' LT	---
G	23+15.94	10.00' LT	---
H	23+15.94	19.50' LT	---
I	23+32.76	10.00' RT	---
J	23+09.03	50.00' RT	---
K	22+30.20	50.00' RT	---
L	22+53.93	10.00' RT	---
M	22+27.65	10.00' RT	---
N	22+03.92	50.00' RT	---
O	20+59.40	50.00' RT	---
P	20+83.12	10.00' RT	---
Q	19+94.91	70.00' RT	---
R	20+21.17	115.49' RT	---
S	22+27.85	107.46' RT	---
T	22+06.22	70.00' RT	---
U	22+18.92	70.00' RT	---
V	22+24.40	79.50' RT	---
W	22+47.22	70.00' RT	---
X	22+47.22	79.50' RT	---
Y	22+90.22	79.50' RT	---
Z	22+90.22	70.00' RT	---

KEYNOTES
(SEE SITE DETAILS - SHEETS 30-31)

- 1a - 60° PARKING STRIPING, WHITE (4")
- 1b - 0° PARKING STRIPING, WHITE (4")
- 2a - 60° HANDICAPPED PARKING STRIPING, YELLOW (6")
- 3 - HANDICAPPED PARKING SIGN
- 6 - REINSTALLED CONCRETE PARKING BLOCKS

CLASS D PATCHES, TYPE IV, 10"

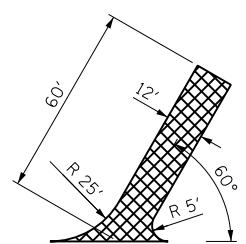


LEGEND

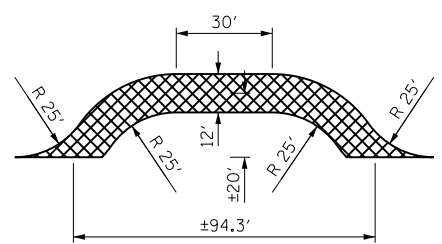
	-	INLET FILTERS
	-	PERIMETER EROSION BARRIER

<u>28000150 INLET FILTERS</u>		
0+83.96, 69.81' RT		1 EACH
0+85.76, 49.85' RT		1 EACH
1+13.53, 124.84' RT		1 EACH
1+21.77, 86.92' RT		1 EACH
1+40.31, 13.00' RT		1 EACH
1+57.80, 114.38' RT		1 EACH
2+00.31, 13.00' RT		1 EACH
2+80.31, 13.00' RT		1 EACH
2+99.19, 5.47' RT		1 EACH
<u>28000400 PERIMETER EROSION BARRIER</u>		
UPPER CONCESSION PARKING LOT		770 FOOT
LOWER CONCESSION PARKING LOT		320 FOOT
<u>28000305 TEMPORARY DITCH CHECK</u>		
1+88.62, 151.76' RT		4 FOOT
<u>25100900 TURF REINFORCEMENT MAT</u>		
1+57.80, 114.38' RT		112 SQ YD
2+75.05, 151.65' RT		

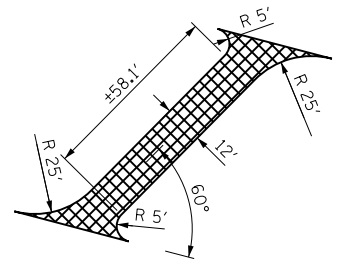
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	CONCESSION EROSION	PLOT SCALE = 60.0000' / in.	DRAWN - D.R.C.				CHECKED - R.H.D.	PARK ROADS 2017-01	CLARK	45	24
	PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -		SCALE: 1" = 30'	SHEET 24 OF 45 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 46417		



TYPICAL BACK-IN CAMPSITE

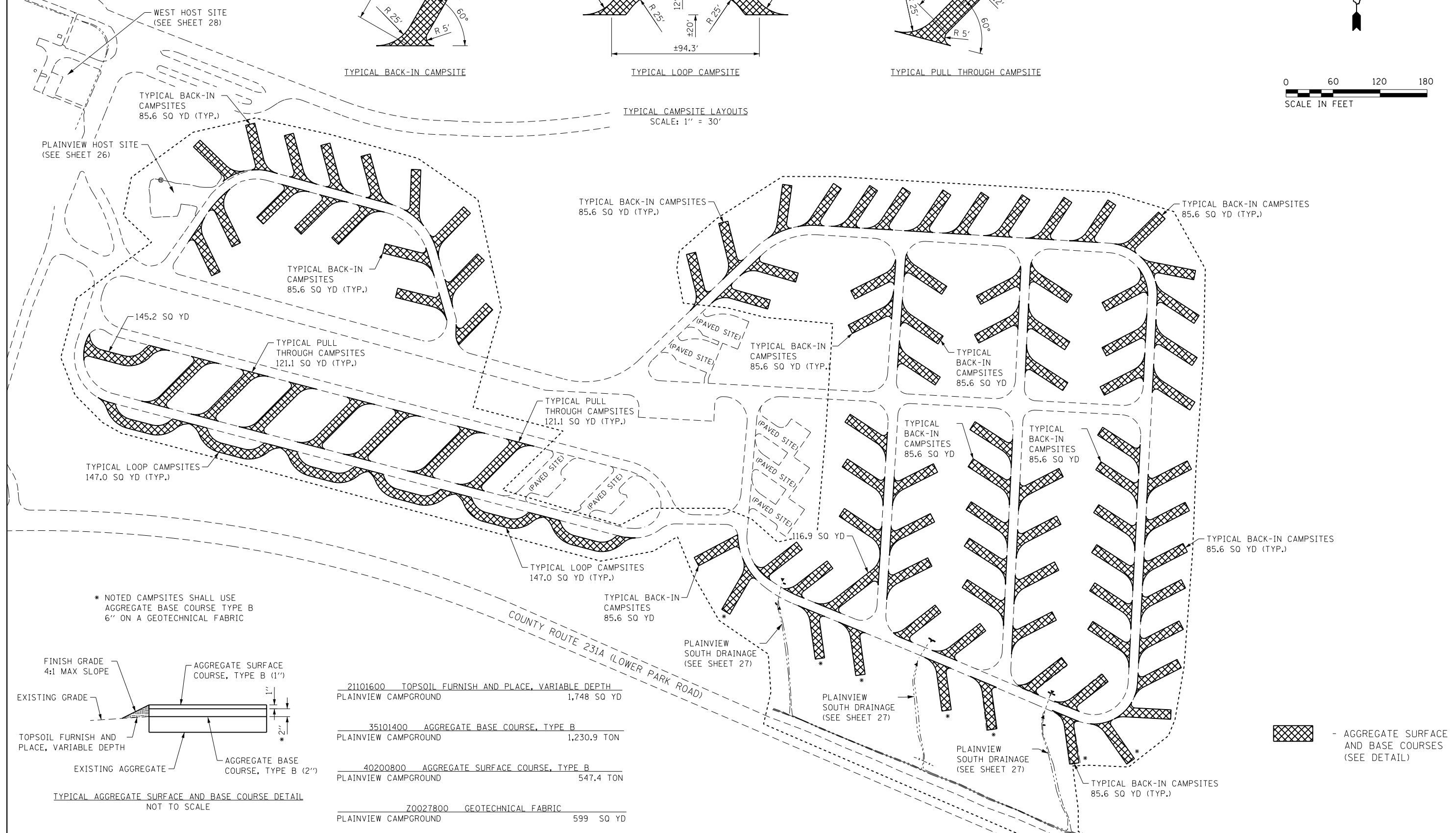


TYPICAL LOOP CAMPSITE

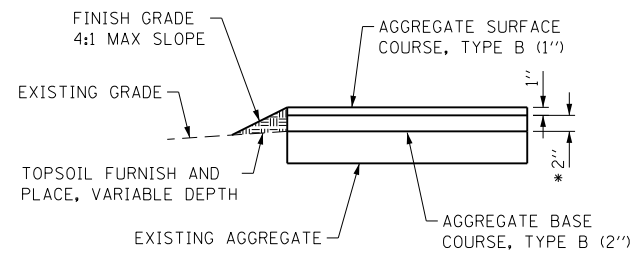


TYPICAL PULL THROUGH CAMPSITE

TYPICAL CAMPSITE LAYOUTS
SCALE: 1" = 30'



* NOTED CAMPSITES SHALL USE
AGGREGATE BASE COURSE TYPE B
6" ON A GEOTECHNICAL FABRIC



TYPICAL AGGREGATE SURFACE AND BASE COURSE DETAIL
NOT TO SCALE

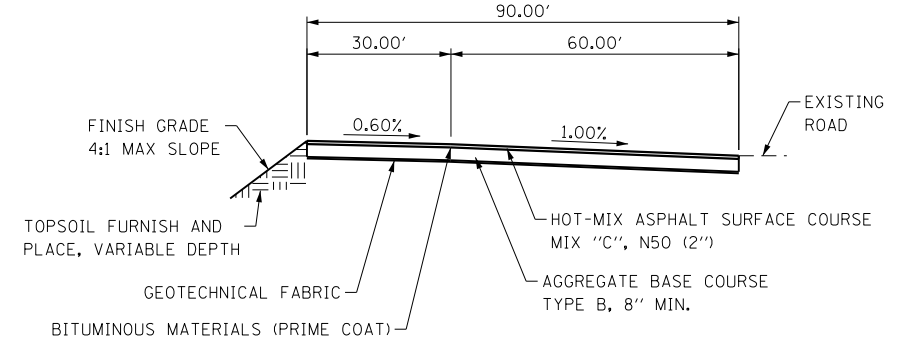
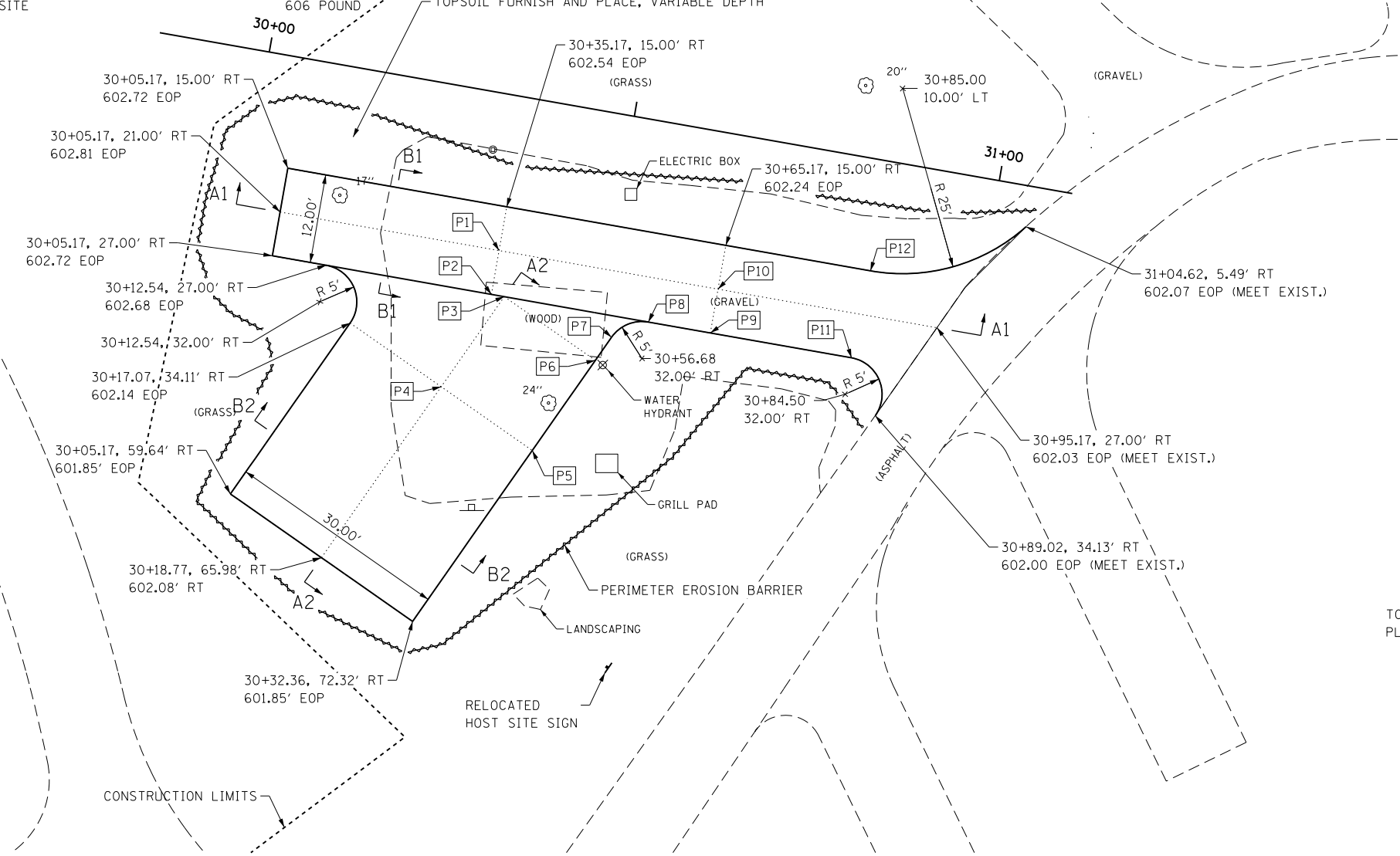
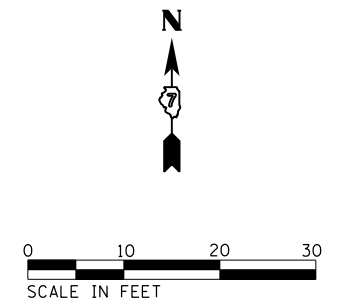
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	PLAINVIEW CAMPGROUND	1,748 SQ YD
35101400	AGGREGATE BASE COURSE, TYPE B	PLAINVIEW CAMPGROUND	1,230.9 TON
40200800	AGGREGATE SURFACE COURSE, TYPE B	PLAINVIEW CAMPGROUND	547.4 TON
Z0027800	GEOTECHNICAL FABRIC	PLAINVIEW CAMPGROUND	599 SQ YD

- AGGREGATE SURFACE AND BASE COURSES (SEE DETAIL)

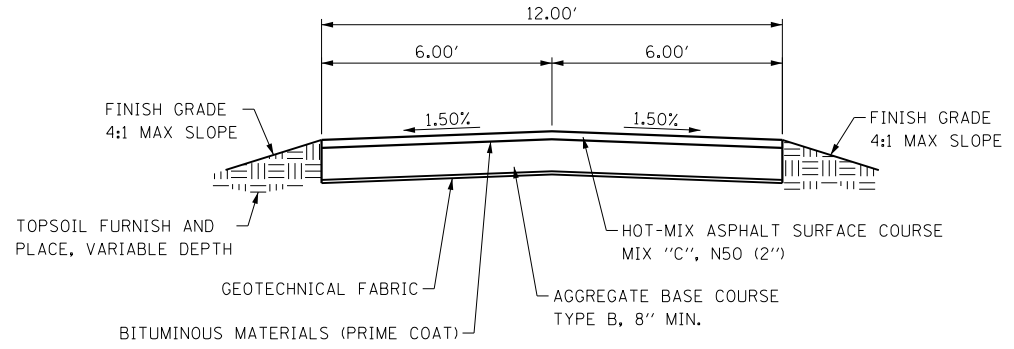
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PLAINVIEW	PLOT SCALE = 1/200000' / in.	DRAWN - D.R.C.	REVISED -		LINCOLN TRAIL STATE PARK				PARK ROADS 2017-01	CLARK	45	25
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -		SCALE: 1" = 60'			SHEET 25	OF 45 SHEETS	STA.	TO STA.	CONTRACT NO. 46417
								ILLINOIS FED. AID PROJECT				

Z0027800	GEOTECHNICAL FABRIC	269 SQ YD
PLAINVIEW HOST SITE		
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	97 SQ YD
PLAINVIEW HOST SITE		
35102000	AGGREGATE BASE COURSE, TYPE B 8"	269 SQ YD
PLAINVIEW HOST SITE		
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	30.2 TON
PLAINVIEW HOST SITE		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	606 POUND
PLAINVIEW HOST SITE		

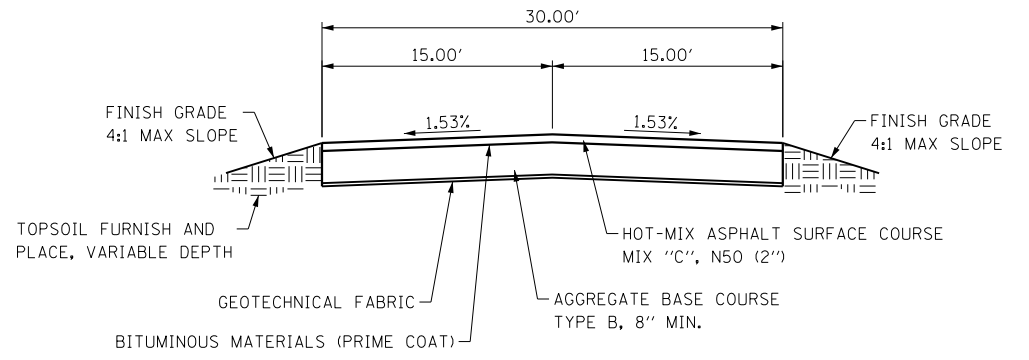
28000400 PERIMETER EROSION BARRIER
PLAINVIEW HOST SITE 285 FOOT



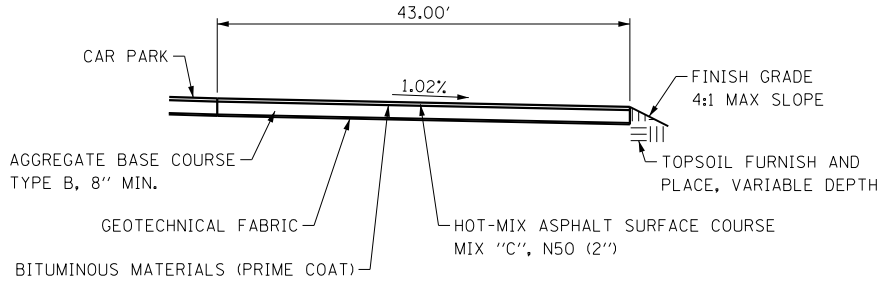
SECTION A1-A1
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SECTION B1-B1
NOT TO SCALE



SECTION B2-B2
NOT TO SCALE



SECTION A2-A2
NOT TO SCALE

H.M.A. PAVEMENT CHART

No.	STATION	OFFSET	GRADE
P1	30+35.17	21.00' RT	602.63 EOP
P2	30+35.17	27.00' RT	602.54 EOP
P3	30+36.94	27.00' RT	602.52 EOP
P4	30+30.67	40.45' RT	602.37 EOP
P5	30+44.26	46.79' RT	602.14 EOP
P6	30+50.53	33.34' RT	602.29 EOP
P7	30+52.14	29.89' RT	602.30 EOP
P8	30+56.68	27.00' RT	602.32 EOP
P9	30+65.17	27.00' RT	602.24 EOP
P10	30+65.17	15.00' RT	602.24 EOP
P11	30+84.50	27.00' RT	602.05 EOP
P12	30+85.00	15.00' RT	602.05 EOP

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PLOT DATE = 12/14/2016

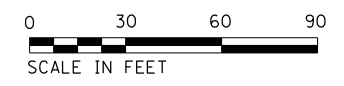
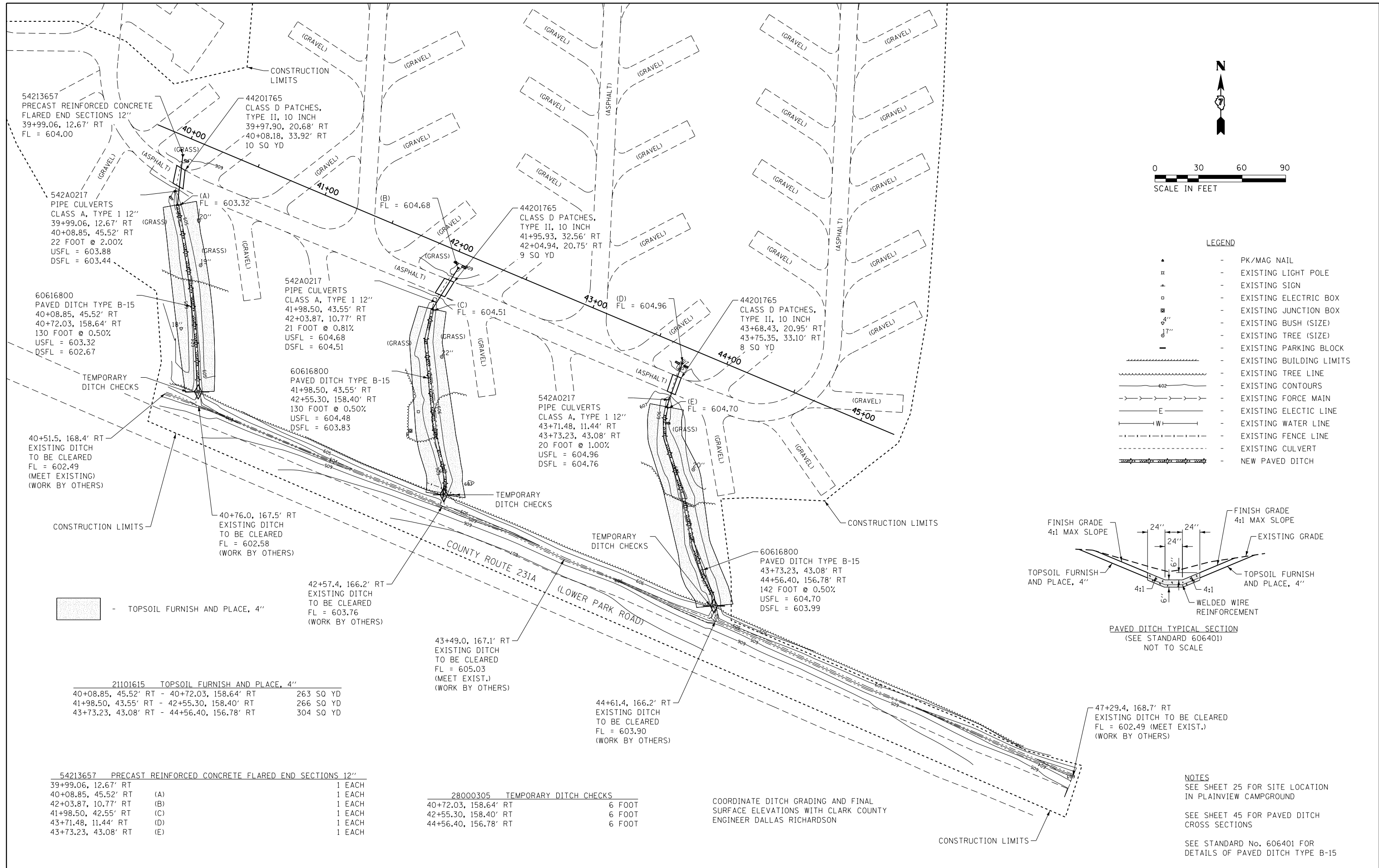
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DRAWN - D.R.C.
CHECKED - R.H.D.
DATE - AUGUST 16, 2016

REVISED - 12/16/16
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

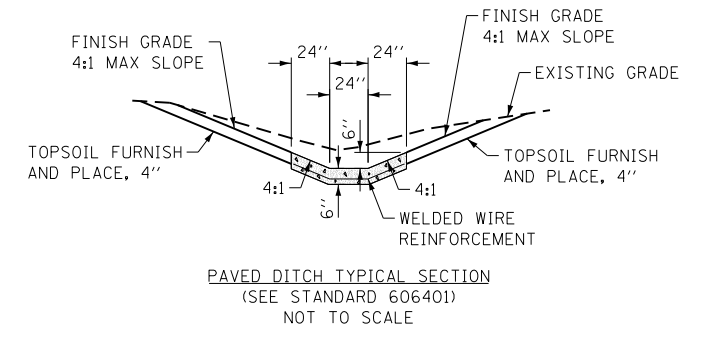
GEOMETRIC /SITE AND GRADING PLAN (PLAINVIEW HOST SITE)
LINCOLN TRAIL STATE PARK
SCALE: 1" = 10' SHEET 26 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	26
CONTRACT NO. 46417			ILLINOIS FED. AID PROJECT	



LEGEND

- ▲ - PK/MAG NAIL
- ⊠ - EXISTING LIGHT POLE
- ⊕ - EXISTING SIGN
- - EXISTING ELECTRIC BOX
- ⊞ - EXISTING JUNCTION BOX
- ⊙ - EXISTING BUSH (SIZE)
- ⊘ - EXISTING TREE (SIZE)
- - EXISTING PARKING BLOCK
- - EXISTING BUILDING LIMITS
- - EXISTING TREE LINE
- - EXISTING CONTOURS
- - EXISTING FORCE MAIN
- - EXISTING ELECTRIC LINE
- - EXISTING WATER LINE
- - EXISTING FENCE LINE
- - EXISTING CULVERT
- - NEW PAVED DITCH



TOPSOIL FURNISH AND PLACE, 4"

2110165 TOPSOIL FURNISH AND PLACE, 4"

40+08.85, 45.52' RT - 40+72.03, 158.64' RT	263 SQ YD	1 EACH
41+98.50, 43.55' RT - 42+55.30, 158.40' RT	266 SQ YD	1 EACH
43+73.23, 43.08' RT - 44+56.40, 156.78' RT	304 SQ YD	1 EACH

54213657 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"

39+99.06, 12.67' RT	(A)	1 EACH
40+08.85, 45.52' RT	(A)	1 EACH
42+03.87, 10.77' RT	(B)	1 EACH
41+98.50, 42.55' RT	(C)	1 EACH
43+71.48, 11.44' RT	(D)	1 EACH
43+73.23, 43.08' RT	(E)	1 EACH

28000305 TEMPORARY DITCH CHECKS

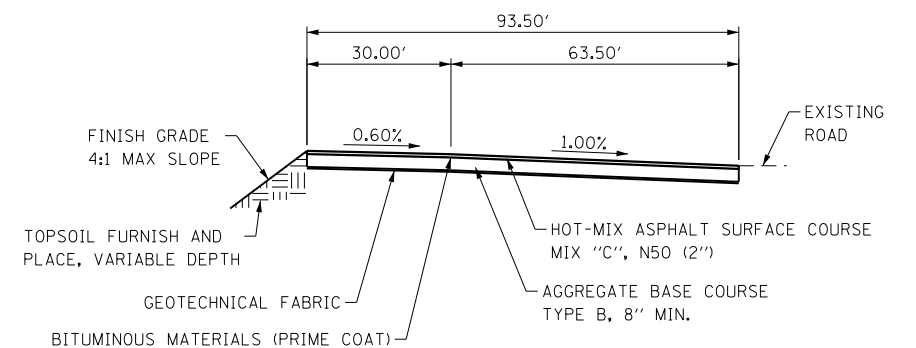
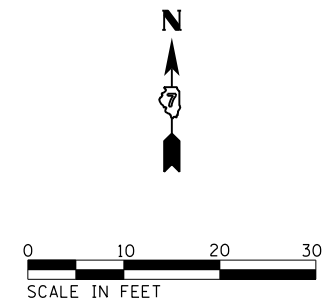
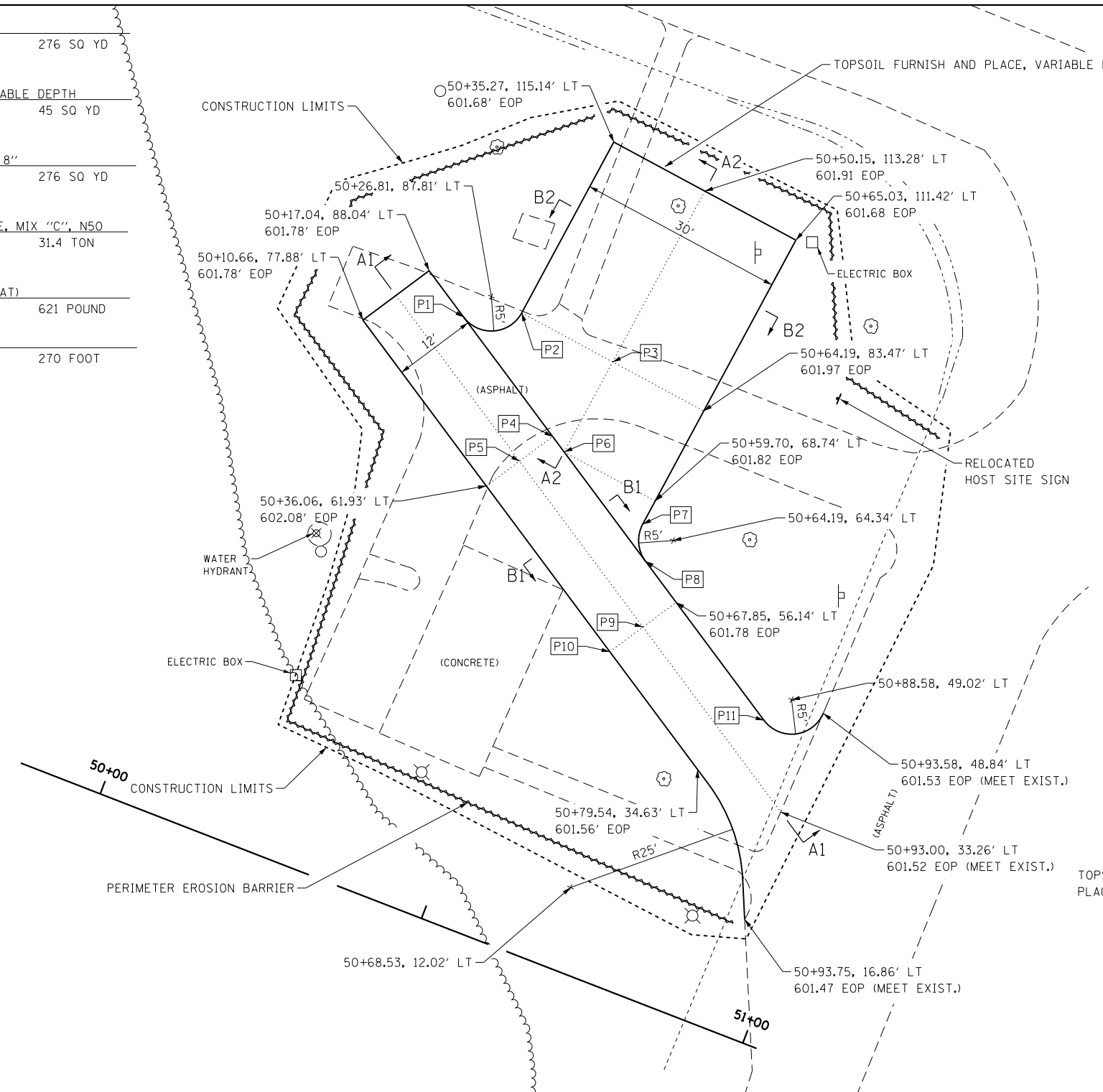
40+72.03, 158.64' RT	6 FOOT
42+55.30, 158.40' RT	6 FOOT
44+56.40, 156.78' RT	6 FOOT

COORDINATE DITCH GRADING AND FINAL SURFACE ELEVATIONS WITH CLARK COUNTY ENGINEER DALLAS RICHARDSON

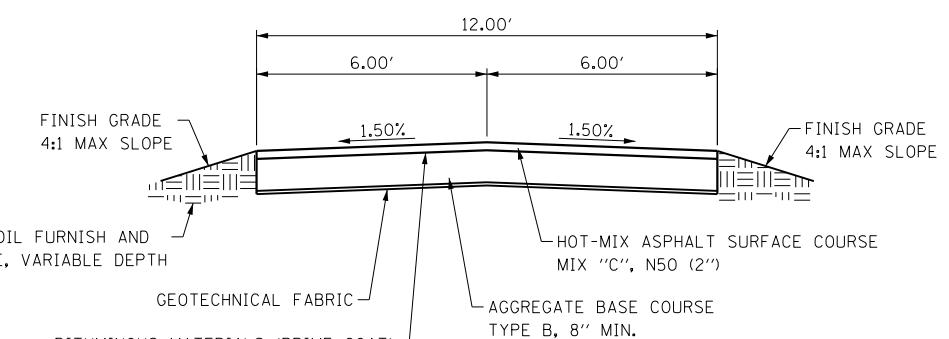
NOTES
 SEE SHEET 25 FOR SITE LOCATION IN PLAINVIEW CAMPGROUND
 SEE SHEET 45 FOR PAVED DITCH CROSS SECTIONS
 SEE STANDARD No. 606401 FOR DETAILS OF PAVED DITCH TYPE B-15

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PLAINVIEW DRAINAGE	PLOT SCALE = 60.0000' / in.	CHECKED - R.H.D.	REVISED -		SCALE: 1" = 30'	SHEET 27	OF 45 SHEETS	STA.	TO STA.	CLARK	45	27
	PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -							CONTRACT NO. 46417		

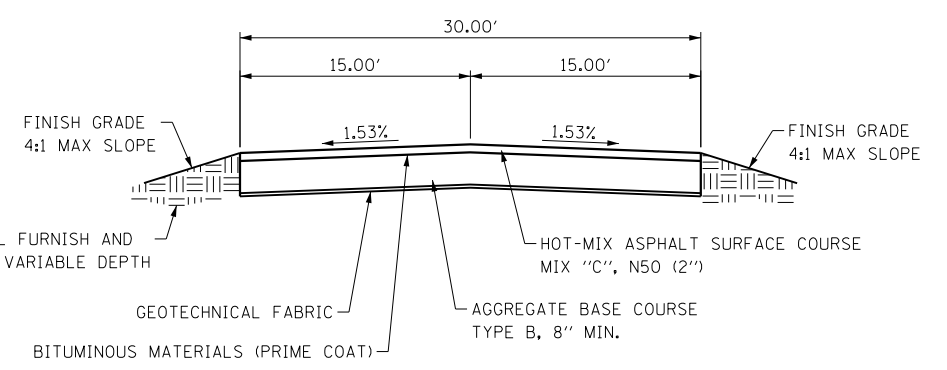
70027800	GEOTECHNICAL FABRIC	PLAINVIEW WEST HOST SITE	276 SQ YD
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	PLAINVIEW WEST HOST SITE	45 SQ YD
35102000	AGGREGATE BASE COURSE, TYPE B 8"	PLAINVIEW WEST HOST SITE	276 SQ YD
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PLAINVIEW WEST HOST SITE	31.4 TON
40600275	BITUMINOUS MATERIALS (PRIME COAT)	PLAINVIEW WEST HOST SITE	621 POUND
28000400	PERIMETER EROSION BARRIER	PLAINVIEW WEST HOST SITE	270 FOOT



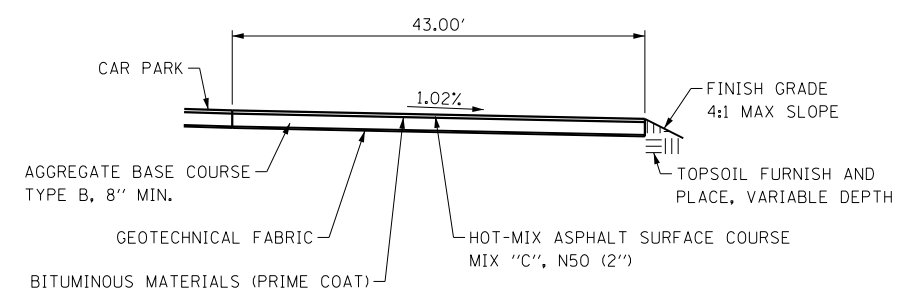
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SECTION B1-B1
NOT TO SCALE



SECTION B2-B2
NOT TO SCALE



SECTION A2-A2
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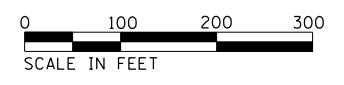
H.M.A. PAVEMENT CHART

No.	STATION	OFFSET	GRADE
P1	50+24.15	83.58' LT	601.86 EOP
P2	50+31.77	87.19' LT	601.97 EOP
P3	50+46.66	85.33' LT	602.20 EOP
P4	50+42.45	72.09' LT	602.08 EOP
P5	50+39.25	67.01' LT	602.17 EOP
P6	50+44.82	70.60' LT	602.05 EOP
P7	50+59.23	64.96' LT	601.83 EOP
P8	50+61.53	60.11' LT	601.85 EOP
P9	50+64.66	51.06' LT	601.87 EOP
P10	50+61.47	45.98' LT	601.78 EOP
P11	50+85.93	44.79' LT	601.56 EOP

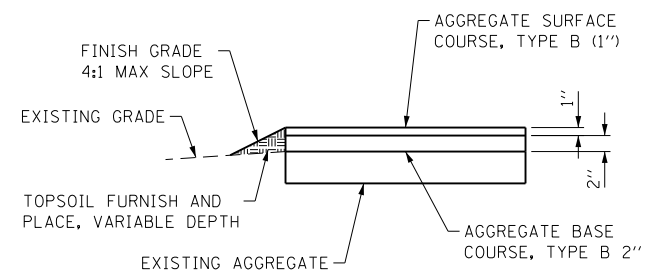
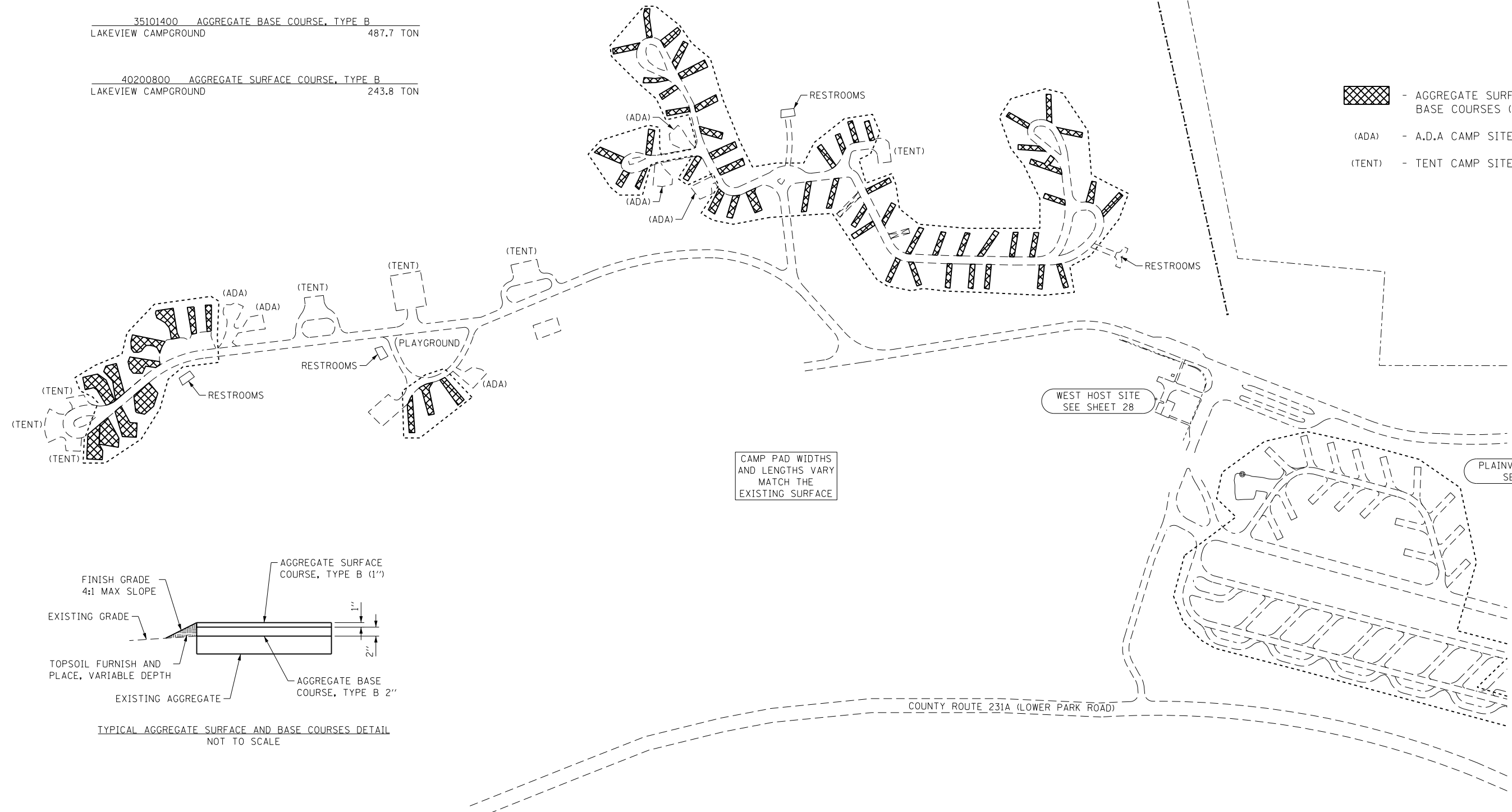
21101600 TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH
LAKEVIEW CAMPGROUND 801 SQ YD

35101400 AGGREGATE BASE COURSE, TYPE B
LAKEVIEW CAMPGROUND 487.7 TON

40200800 AGGREGATE SURFACE COURSE, TYPE B
LAKEVIEW CAMPGROUND 243.8 TON



- AGGREGATE SURFACE AND BASE COURSES (SEE DETAIL)
- (ADA) - A.D.A CAMP SITES
- (TENT) - TENT CAMP SITES



TYPICAL AGGREGATE SURFACE AND BASE COURSES DETAIL
NOT TO SCALE

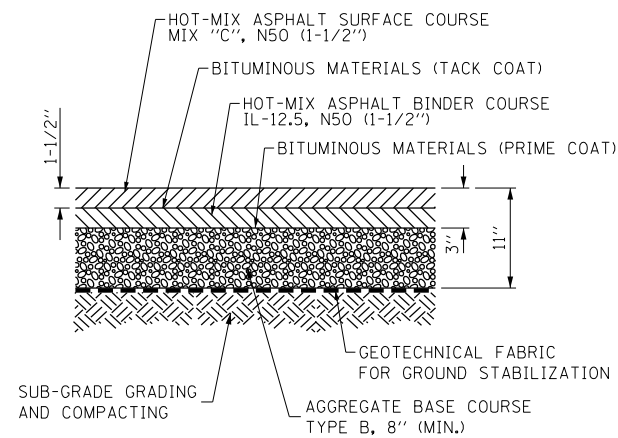
FILE NAME = C:\Site\Grad_5.1005C.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16
LAKEVIEW	PLOT SCALE = 200.0000' / in.	DRAWN - D.R.C.	REVISED -
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

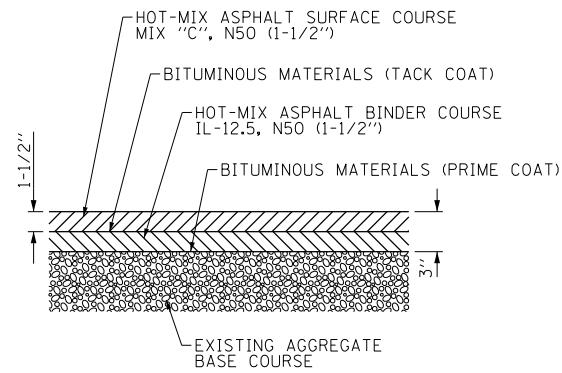
**GEOMETRIC /SITE AND GRADING PLAN (LAKESIDE CAMPGROUND)
LINCOLN TRAIL STATE PARK**

SCALE: 1" = 100' SHEET 29 OF 45 SHEETS STA. TO STA.

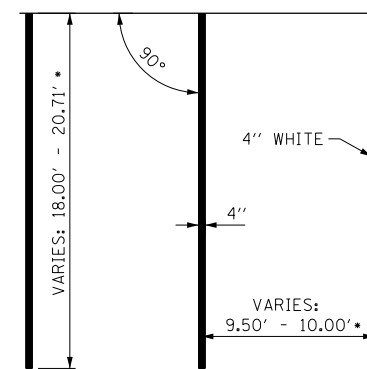
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	29
CONTRACT NO. 46417			ILLINOIS FED. AID PROJECT	



NEW ASPHALT PAVEMENT
NOT TO SCALE

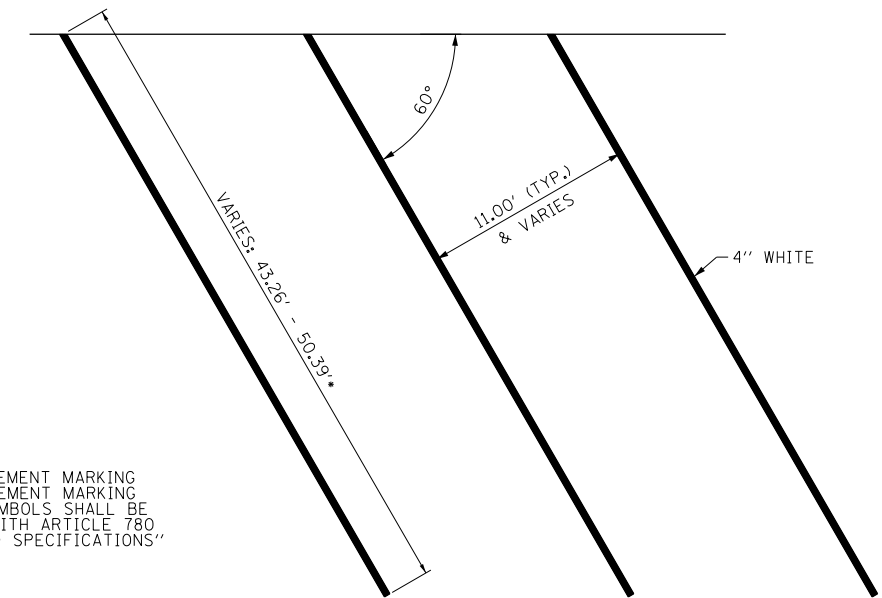


NEW ASPHALT SURFACING
NOT TO SCALE

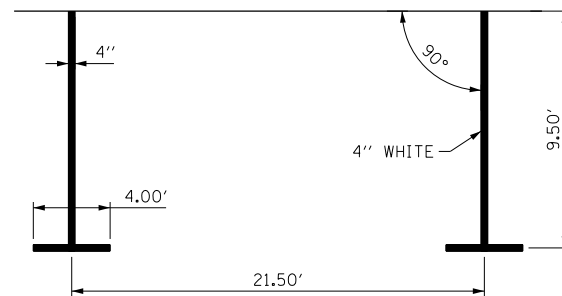


① 90° PARKING STRIPING, WHITE (4")
NOT TO SCALE

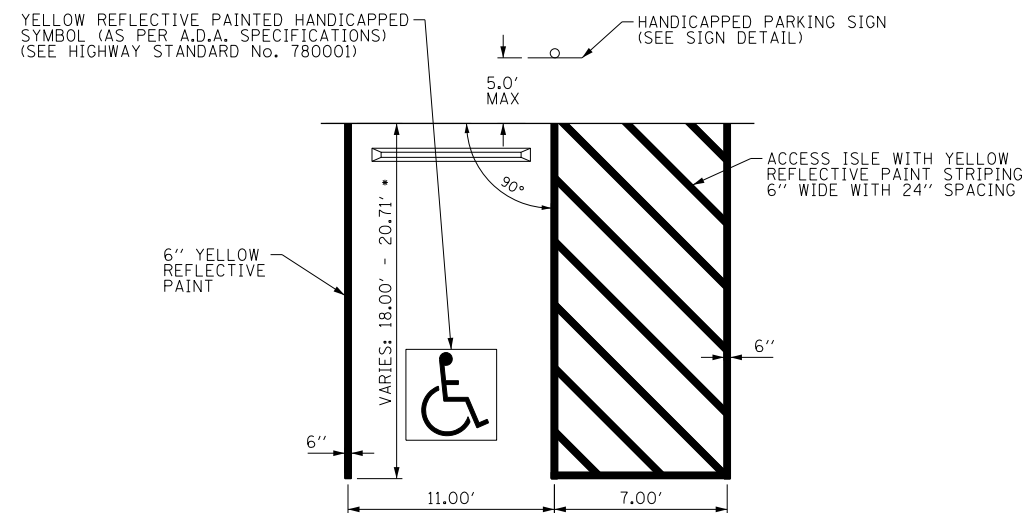
ALL PAINT PAVEMENT MARKING AND PAINT PAVEMENT MARKING LETTERS AND SYMBOLS SHALL BE IN ACCORDANCE WITH ARTICLE 780 OF THE "STANDARD SPECIFICATIONS"



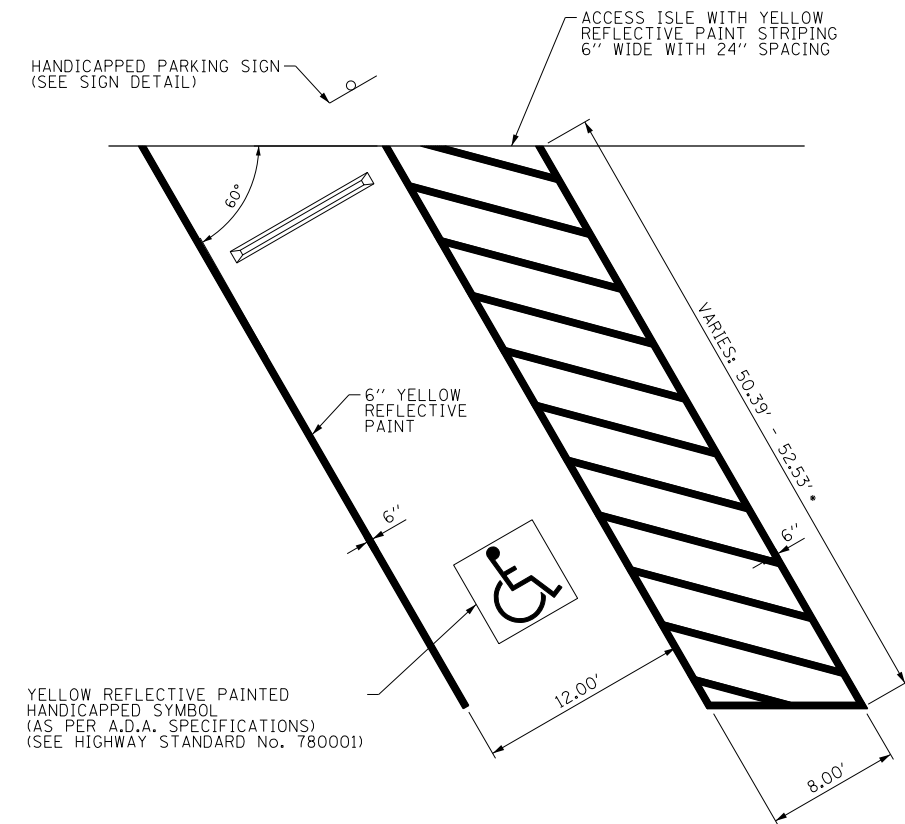
①a 60° PARKING STRIPING, WHITE (4")
NOT TO SCALE



①b 0° PARKING STRIPING, WHITE (4")
NOT TO SCALE



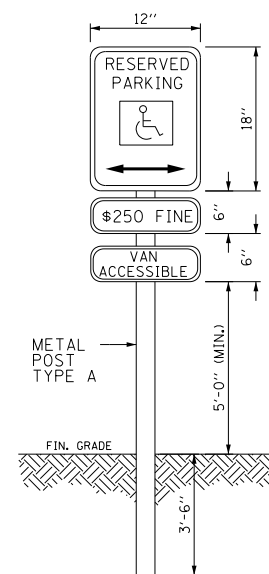
② 90° HANDICAPPED PARKING STRIPING, YELLOW (6")
NOT TO SCALE



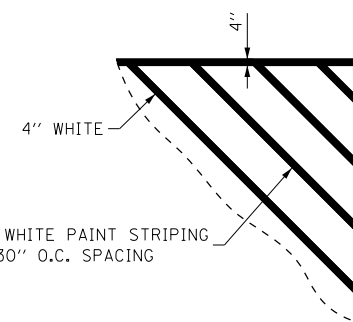
②a 60° HANDICAPPED PARKING STRIPING, YELLOW (6")
NOT TO SCALE

NOTES:

- SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION STANDARDS R 7-8, R 7-1101, & R 7-8A.
- ALL LETTERS ARE 1" SERIES "C" PER MUTCD.
- TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
- BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
- FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
- ONE (1) SIGN REQUIRED FOR EACH PARKING SPACE.



③ HANDICAPPED PARKING SIGN
NOT TO SCALE



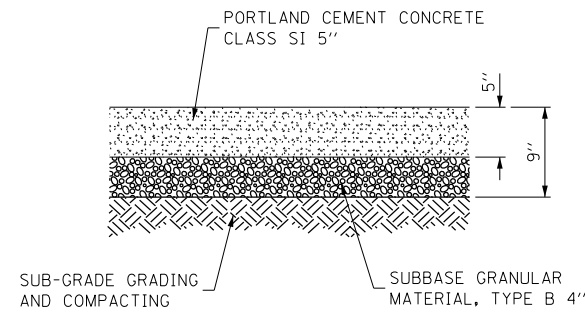
④ 4" DIAGONAL STRIPE, WHITE
NOT TO SCALE

FILE NAME = C-Cover.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16
Default	PLOT SCALE = 40.00' / in.	DRAWN - D.R.C.	REVISED -
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

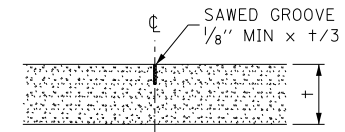
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND SITE DETAILS			
LINCOLN TRAIL STATE PARK			
SCALE: N.T.S.	SHEET 30 OF 45 SHEETS	STA.	TO STA.

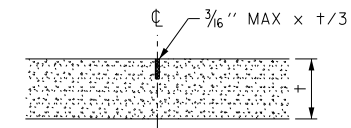
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	30
CONTRACT NO. 46417			ILLINOIS FED. AID PROJECT	



5 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
NOT TO SCALE



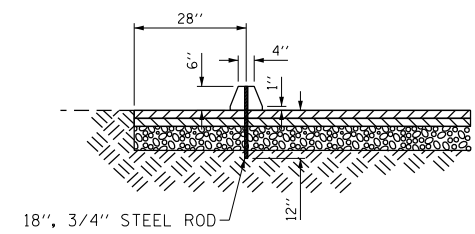
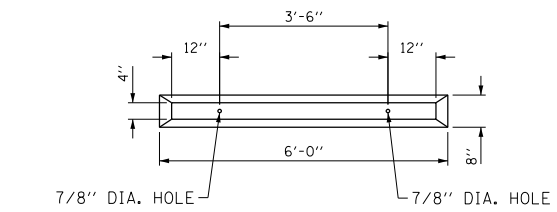
LONGITUDINAL SAWED JOINT
NOT TO SCALE



TRANSVERSE CONTRACTION JOINT
NOT TO SCALE

SEE SPECIAL PROVISIONS

6 DETECTABLE WARNING
NOT TO SCALE

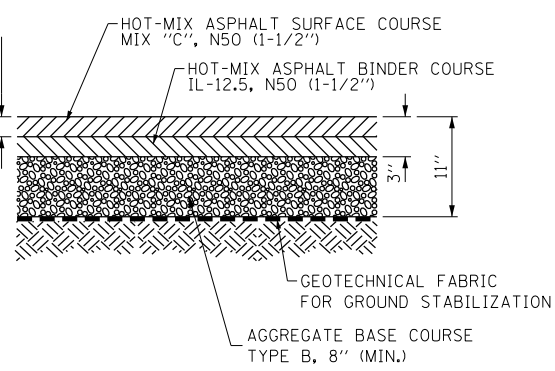
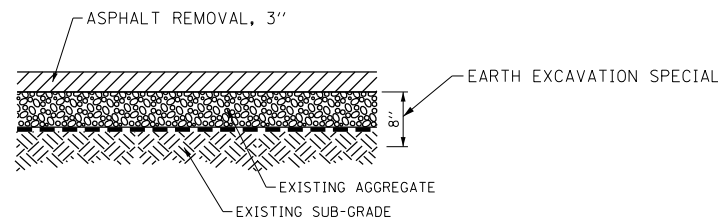


7 REINSTALLED CONCRETE PARKING BLOCKS
NOT TO SCALE

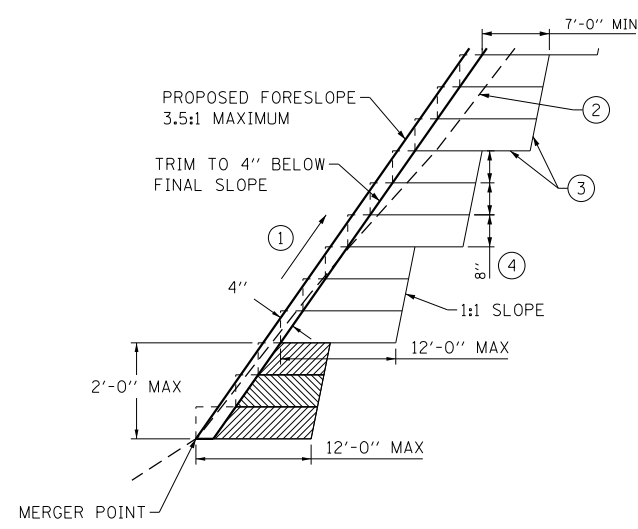
SEE HIGHWAY STANDARD No. 606001-06

8 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
NOT TO SCALE

9 BARRIER CURB
NOT TO SCALE



ASPHALT REMOVAL AND EARTH EXCAVATION SPECIAL
NOT TO SCALE



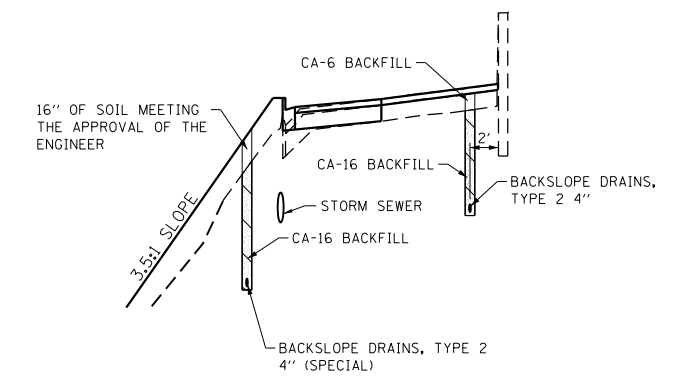
TYPICAL BENCHING DETAIL FOR EMBANKMENT
NOT TO SCALE

NOTES:

- 1 CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- 2 EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- 3 BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- 4 EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5'.



BACKSLOPE DRAIN DETAIL
NOT TO SCALE

FILE NAME = C-Cover.dgn	USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE DETAILS (CONTINUED) LINCOLN TRAIL STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40.00' / in.	DRAWN - D.R.C.	REVISED -		SCALE: N.T.S.	SHEET 31	OF 45 SHEETS	STA.	TO STA.	PARK ROADS 2017-01	CLARK	45	31
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -							CONTRACT NO. 46417			
		DATE - AUGUST 16, 2016	REVISED -							ILLINOIS FED. AID PROJECT			

LIGHTING SCHEDULE OF QUANTITIES

GENERAL NOTES

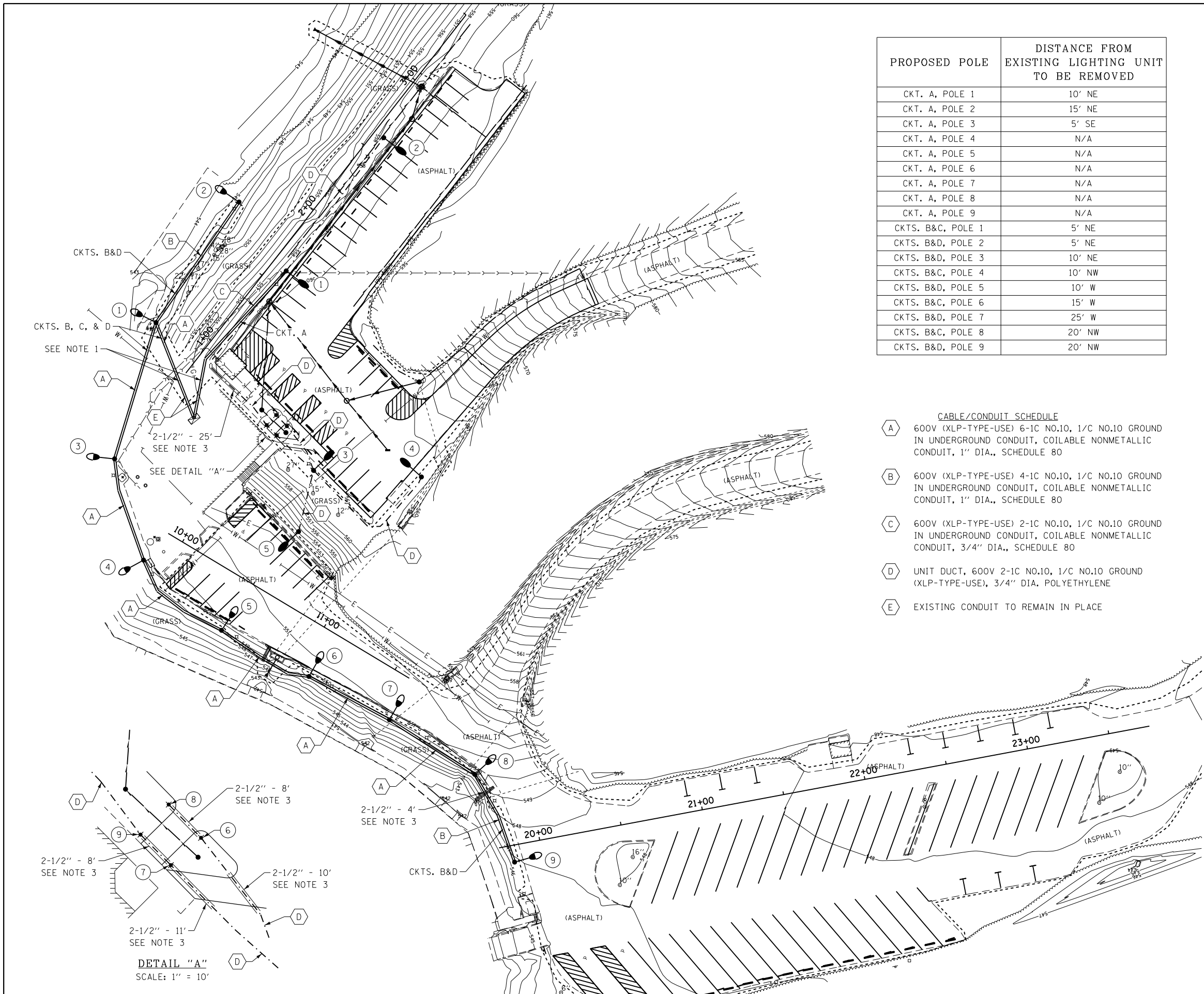
NO POLE TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0001 S.N.
81028710	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3/4" DIA.	FOOT	100	
81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	600	
81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	66	
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	550	
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4735	
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	70	
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	12	
84200804	REMOVAL OF POLE FOUNDATION	EACH	12	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3500	
* X0326498	GFCI 20 AMP DUPLEX RECEPTACLE	EACH	9	
* X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	5	
* X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	4	
*	LUMINAIRE, LED, HORIZONTAL MOUNT, VERY LOW WATTAGE	EACH	9	
*	LIGHT POLE, SPECIAL, 12'	EACH	9	
*	LIGHT POLE, SPECIAL, 30'	EACH	5	
*	BOLLARD, LED	EACH	4	

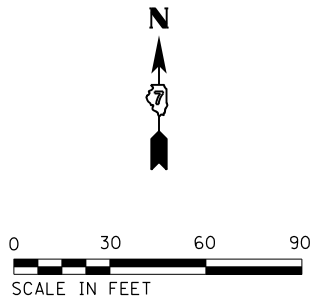
INDEX OF SHEETS

- L-1 GENERAL NOTES, SCHEDULES, AND INDEX OF SHEETS
- L-2 EXISTING LIGHTING REMOVAL PLAN
- L-3 PROPOSED LIGHTING PLAN
- L-4 WIRING DIAGRAMS
- L-5 CONDUIT ROUTING DETAIL
- L-6 LIGHT POLE ALUMINUM DETAIL
- L-7 LIGHT POLE ALUMINUM DETAIL (CONTINUED)
- L-8 LIGHT POLE FOUNDATION DETAIL
- L-9 BOLLARD FOUNDATION DETAIL

FILE NAME = L-Lighting Plans.dgn	USER NAME = stevek	DESIGNED - I.D.O.T.	REVISED - 11/29/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, SCHEDULES, AND INDEX OF SHEETS LINCOLN TRAIL STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Existing Lighting	PLOT SCALE = 60.0000' / in.	DRAWN - D.R.C.	REVISED -				PARK ROADS 2017-01	CLARK	45	32
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -		SCALE: 1" = 30'	SHEET 32	OF 45 SHEETS	STA.	TO STA.	CONTRACT NO. 46417
		DATE - AUGUST 16, 2016	REVISED -							ILLINOIS FED. AID PROJECT



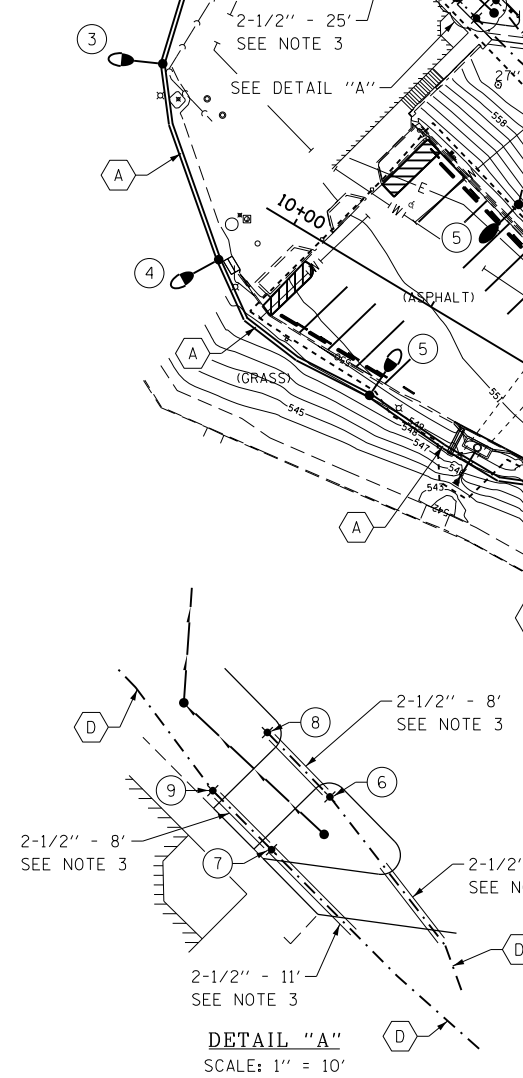
PROPOSED POLE	DISTANCE FROM EXISTING LIGHTING UNIT TO BE REMOVED
CKT. A, POLE 1	10' NE
CKT. A, POLE 2	15' NE
CKT. A, POLE 3	5' SE
CKT. A, POLE 4	N/A
CKT. A, POLE 5	N/A
CKT. A, POLE 6	N/A
CKT. A, POLE 7	N/A
CKT. A, POLE 8	N/A
CKT. A, POLE 9	N/A
CKTS. B&C, POLE 1	5' NE
CKTS. B&D, POLE 2	5' NE
CKTS. B&D, POLE 3	10' NE
CKTS. B&C, POLE 4	10' NW
CKTS. B&D, POLE 5	10' W
CKTS. B&C, POLE 6	15' W
CKTS. B&D, POLE 7	25' W
CKTS. B&C, POLE 8	20' NW
CKTS. B&D, POLE 9	20' NW



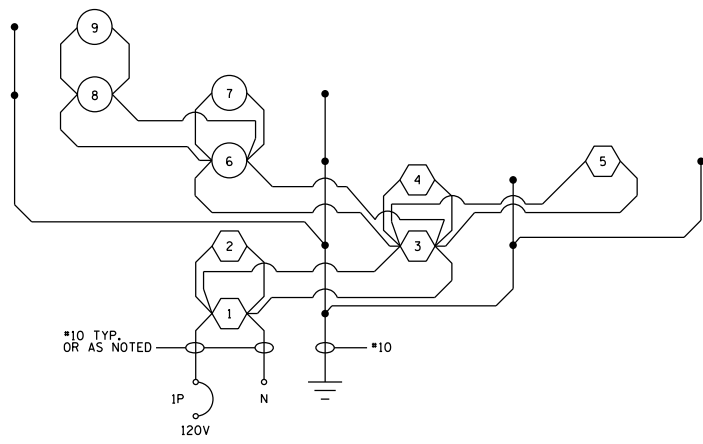
- LEGEND**
- - PK/MAG NAIL
 - ⊕ - EXISTING LIGHT POLE
 - ⊕ - EXISTING SIGN
 - - EXISTING ELECTRIC BOX
 - ⊕ - EXISTING JUNCTION BOX
 - ⊕ - EXISTING BUSH (SIZE)
 - ⊕ - EXISTING TREE (SIZE)
 - - EXISTING PARKING BLOCK
 - - EXISTING BUILDING LIMITS
 - - EXISTING TREE LINE
 - - EXISTING CONTOURS
 - - EXISTING FORCE MAIN
 - - EXISTING ELECTRIC LINE
 - - EXISTING WATER LINE
 - - EXISTING FENCE LINE
 - - EXISTING CULVERT

- CABLE/CONDUIT SCHEDULE**
- (A) 600V (XLP-TYPE-USE) 6-1C NO.10, 1/C NO.10 GROUND IN UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA., SCHEDULE 80
 - (B) 600V (XLP-TYPE-USE) 4-1C NO.10, 1/C NO.10 GROUND IN UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA., SCHEDULE 80
 - (C) 600V (XLP-TYPE-USE) 2-1C NO.10, 1/C NO.10 GROUND IN UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3/4" DIA., SCHEDULE 80
 - (D) UNIT DUCT, 600V 2-1C NO.10, 1/C NO.10 GROUND (XLP-TYPE-USE), 3/4" DIA. POLYETHYLENE
 - (E) EXISTING CONDUIT TO REMAIN IN PLACE

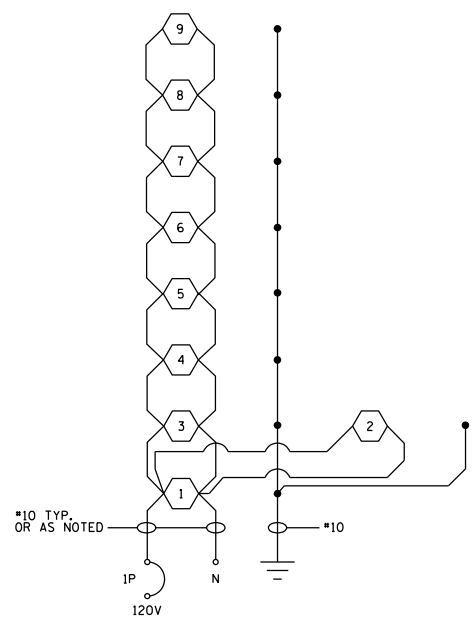
- LIGHTING LEGEND**
- ⊕ - PROPOSED LIGHTING UNIT
30' M.H. POLE WITH 11 1/2" B.C., ON 5' x 24" DIA. CONCRETE FOUNDATION, 120V LED LUMINAIRE 1
 - ⊕ - PROPOSED LIGHTING UNIT
12' M.H. POLE WITH 8" B.C., ON 5' x 24" DIA. CONCRETE FOUNDATION, 120V LED LUMINAIRE 2, AND 120V POLE RECEPTACLE
 - ⊕ - PROPOSED LIGHTING BOLLARD WITH LED, 120V
 - ⊕ - EXISTING LIGHTING CONTROL PANEL TO REMAIN IN PLACE
 - - UNIT DUCT, SIZE AS INDICATED ON PLAN
 - - UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SCHEDULE 80, SIZE AS INDICATED ON PLAN



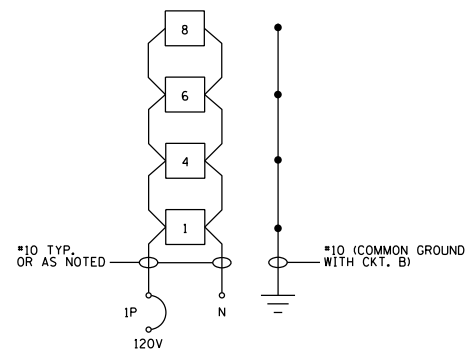
- NOTES**
- CONTRACTOR SHALL INTERCEPT EXISTING CONDUIT FOR PARKING LOT AND DOCK LIGHTS OUTSIDE OF BUILDING. INSTALL NEW 3/4" DIA. AND 1" DIA. CNC. USE METALLIC TO NON-METALLIC COUPLER/REDUCER.
 - CONTRACTOR SHALL MATCH EXISTING POLE SETBACKS.
 - UNIT DUCT TO BE BORED UNDER EXISTING SIDEWALKS AND PAVED SWALES, AND EXCAVATED UNDER PROPOSED SIDEWALKS PRIOR TO SIDEWALK INSTALLATION.



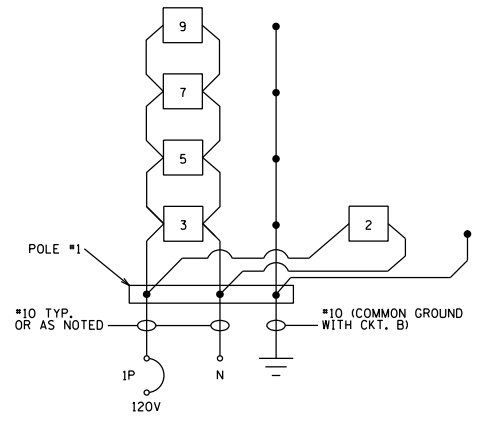
CKT A - PARKING LOT LIGHTING & BOLLARDS
EXISTING CONTROL PANEL



CKT B - WALKWAY LIGHTING
EXISTING CONTROL PANEL






CKT C - GFCI WALKWAY POLE RECEPTACLES
EXISTING CONTROL PANEL



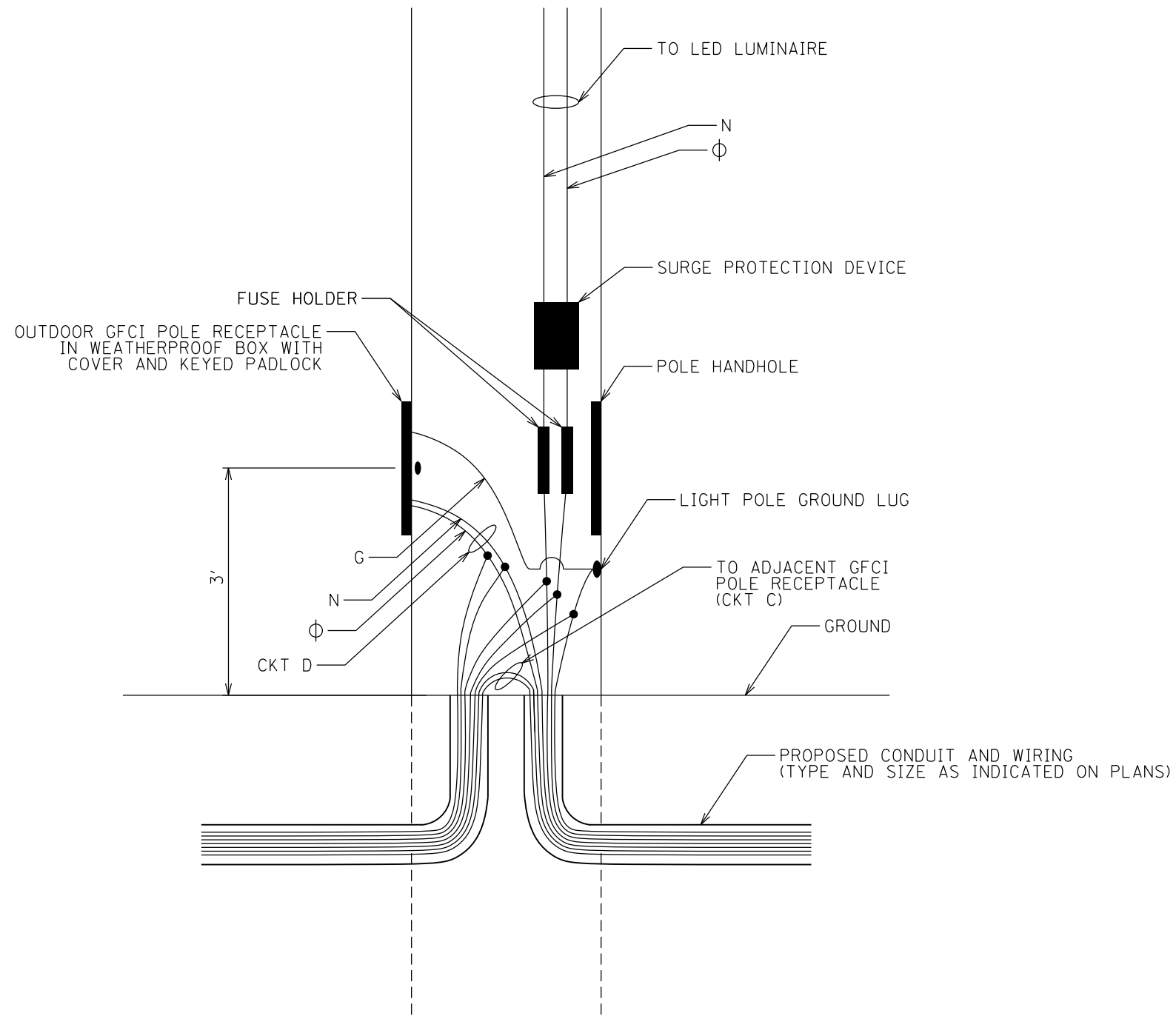
CKT D - GFCI WALKWAY POLE RECEPTACLES
EXISTING CONTROL PANEL

NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

-  PROPOSED LUMINAIRE, LED
-  PROPOSED BOLLARD, LED
-  PROPOSED GFCI POLE RECEPTACLE

FILE NAME = L-Lighting Plans.dgn	USER NAME = stevek	DESIGNED - I.D.O.T.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIRING DIAGRAMS LINCOLN TRAIL STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 60.0000' / in.	CHECKED - R.H.D.	REVISED -					PARK ROADS 2017-01	CLARK	45	35	
Proposed Lighting	PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -	SCALE: 1" = 30'			SHEET 35 OF 45 SHEETS	STA.	TO STA.	CONTRACT NO. 46417 ILLINOIS FED. AID PROJECT		



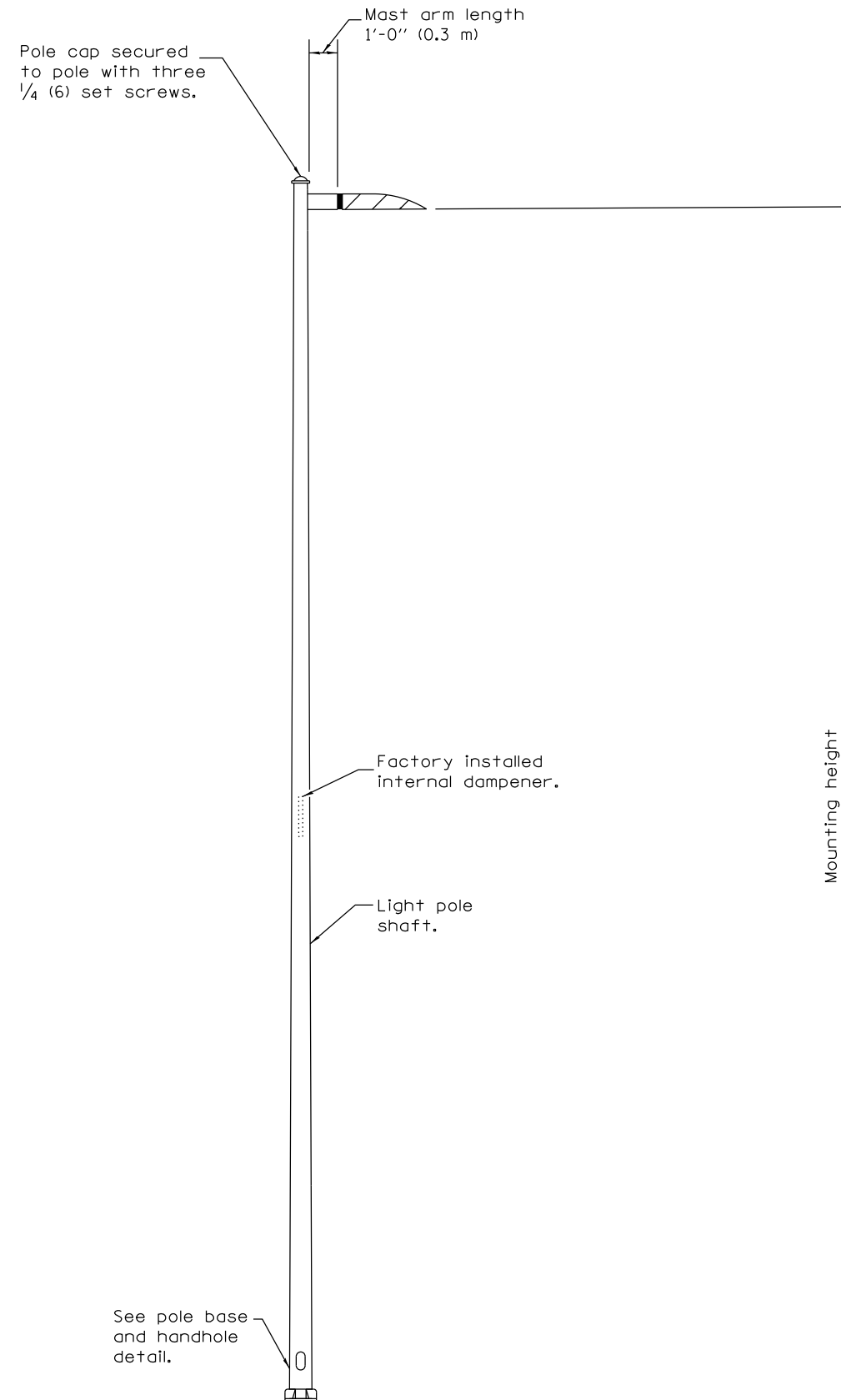
FILE NAME = L-Lighting Plans.dgn	USER NAME = stevek	DESIGNED - I.D.O.T.	REVISED - 12/16/16
Proposed Lighting	PLOT DATE = 12/14/2016	DRAWN - D.R.C.	REVISED -
		CHECKED - R.H.D.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONDUIT ROUTING DETAIL
LINCOLN TRAIL STATE PARK**

SCALE: 1" = 30' SHEET 36 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	36
			CONTRACT NO. 46417	
ILLINOIS FED. AID PROJECT				



LIGHT POLE

POLE		
MOUNTING HEIGHT	MINIMUM SHAFT DIAMETER	MINIMUM WALL THICKNESS
12' (3.7 m)	5 tapered to 3 (127 to 76)	0.188 (5)
30' (9.1 m)	8 tapered to 4 1/2 (200 to 114)	0.25 (6)

BASE PLATE	
MOUNTING HEIGHT	BOLT CIRCLE DIAMETER
12' (3.7 m)	8 (200)
30' (9.1 m)	11 1/2 (290)

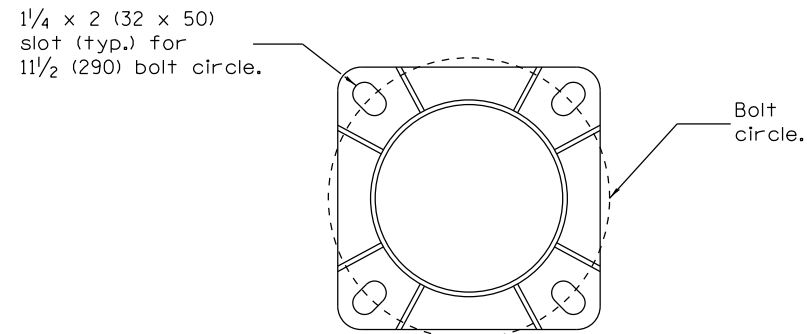
GENERAL NOTES

See Sheet L-8 for Light Pole Foundation Detail and grounding electrode.

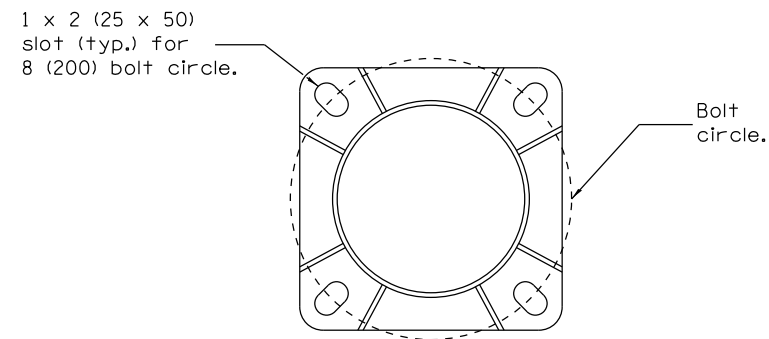
Voids in light pole base shall be sealed to prevent rodent entry.

All dimensions are in inches (millimeters) unless otherwise shown.

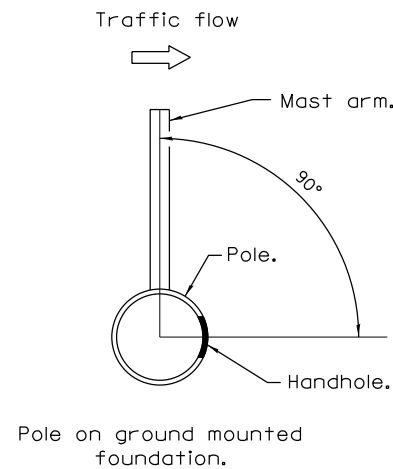
FILE NAME = L-Lighting Plans.dgn	USER NAME = stevek	DESIGNED - I.D.O.T.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHT POLE ALUMINUM DETAIL (SHEET 1 OF 2) LINCOLN TRAIL STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Proposed Lighting	PLOT SCALE = 60.0000' / in.	DRAWN - D.R.C.	REVISED -				PARK ROADS 2017-01	CLARK	45	37
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -			SCALE: 1" = 30'		SHEET 37 OF 45 SHEETS		STA. TO STA.
		DATE - AUGUST 16, 2016	REVISED -	ILLINOIS FED. AID PROJECT						CONTRACT NO. 46417



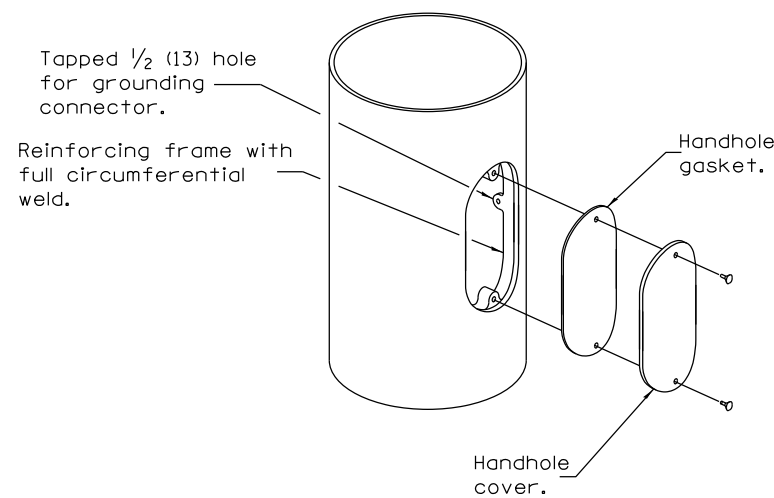
SECTION A-A
(Bolts not shown)



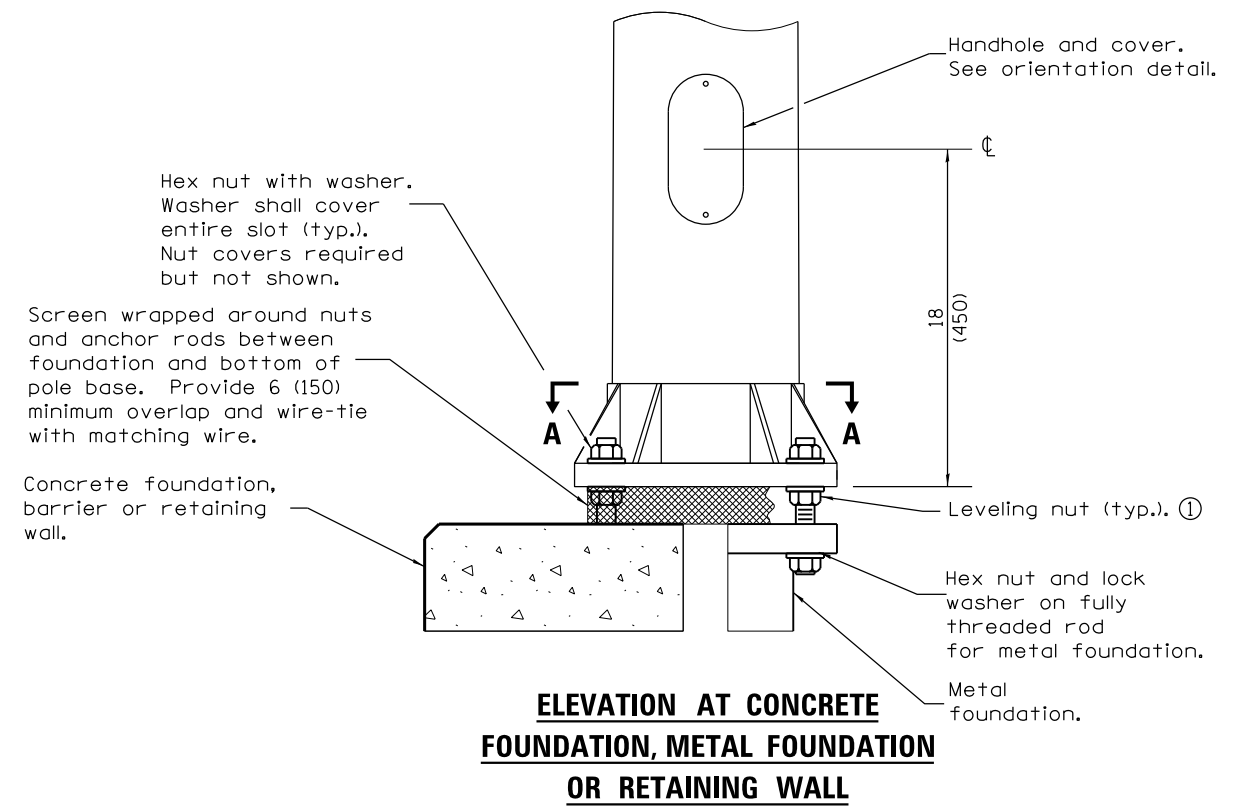
SECTION A-A
(Bolts not shown)



HANDHOLE ORIENTATION DETAIL



HANDHOLE DETAIL



ELEVATION AT CONCRETE FOUNDATION, METAL FOUNDATION OR RETAINING WALL

① Omit leveling nuts when breakaway devices are required.

FILE NAME = L-Lighting Plans.dgn	USER NAME = stevek	DESIGNED - I.D.O.T.	REVISED - 12/16/16
Proposed Lighting	PLOT SCALE = 60.0000' / in.	DRAWN - D.R.C.	REVISED -
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -
		DATE - AUGUST 16, 2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

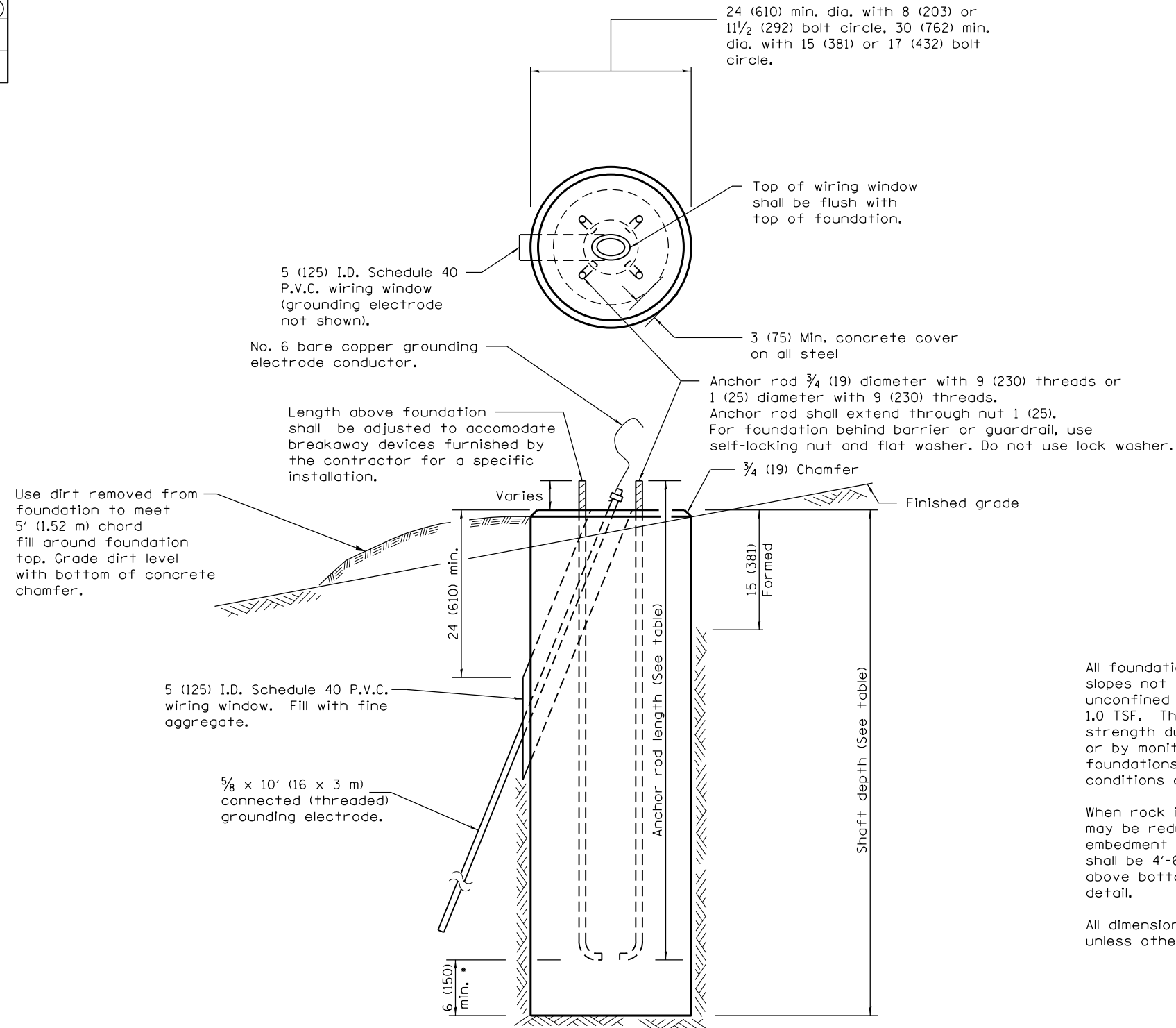
LIGHT POLE ALUMINUM DETAIL (SHEET 2 OF 2)
LINCOLN TRAIL STATE PARK

SCALE: 1" = 30' SHEET 38 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	38
			CONTRACT NO. 46417	
ILLINOIS FED. AID PROJECT				

CONCRETE FOUNDATION				
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
12' (3.7 m)	8 (203)	24 (610)	5'-0" (1.67 m)	4'-9" (1.60 m)
30' (9.1 m)	11 1/2 (292)	24 (610)	5'-0" (1.67 m)	4'-9" (1.60 m)

① Length does not include 4 (100) hook.



GENERAL NOTES

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The Contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance of metal foundations and notify the Engineer if other conditions are encountered.

When rock is encountered the foundation depth may be reduced 6 (150) for every 12 (300) of embedment in rock. The minimum foundation depth shall be 4'-6" (1.37 m) with cut anchor rods 6 (150) above bottom of excavated hole. See ring plate detail.

All dimensions are in inches (millimeters) unless otherwise shown.

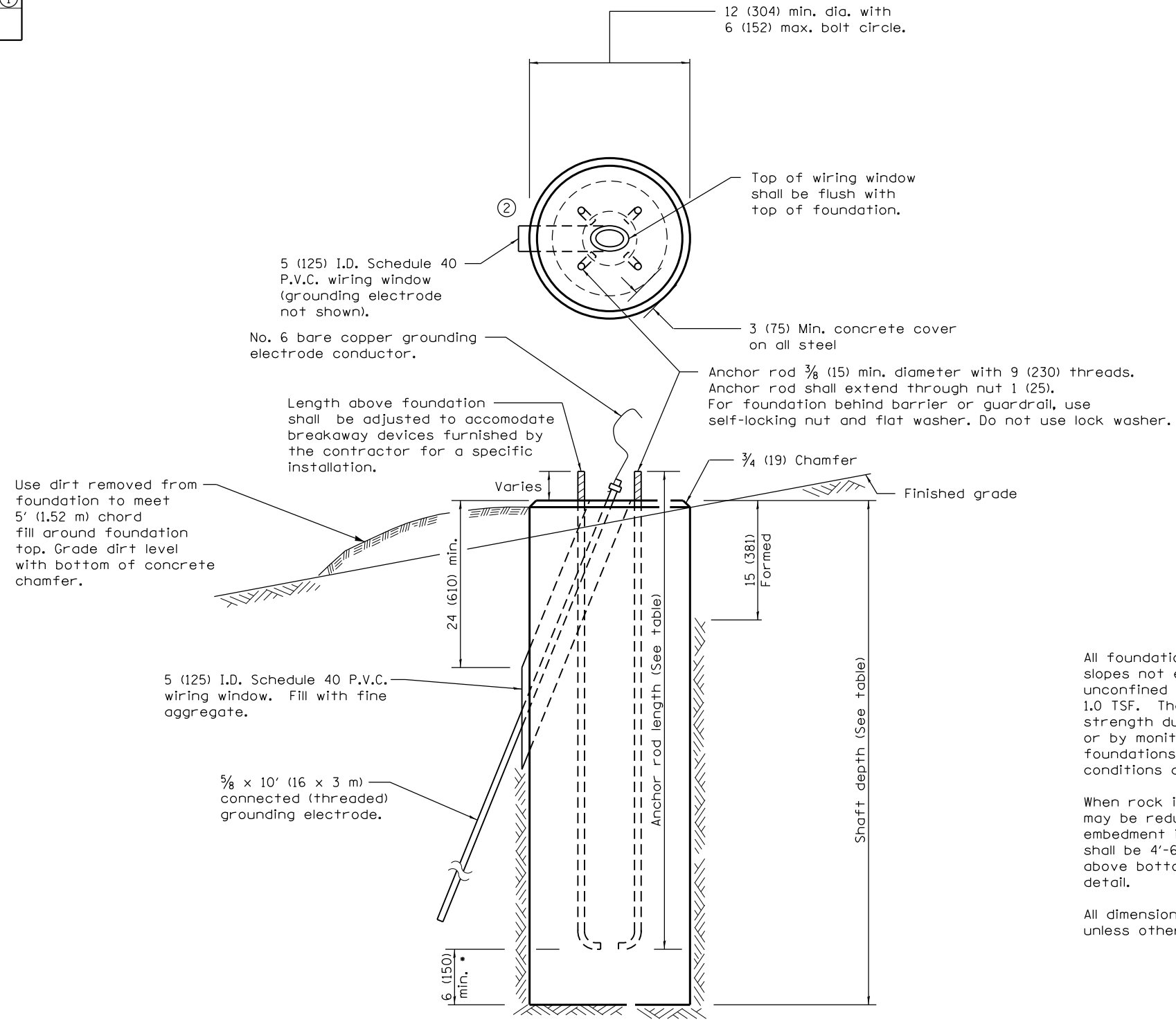
* If the required anchor rod length above top of foundation is less than 3 (75), anchor rods may be lowered below 6 (150).

CONCRETE FOUNDATION

FILE NAME = L-Lighting Plans.dgn	USER NAME = stevek	DESIGNED - I.D.O.T.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHT POLE FOUNDATION DETAIL LINCOLN TRAIL STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Proposed Lighting	PLOT SCALE = 60.0000' / in.	DRAWN - D.R.C.	REVISED -			PARK ROADS 2017-01	CLARK	45	39	
	PLOT DATE = 12/14/2016	CHECKED - R.H.D.	REVISED -			CONTRACT NO. 46417		ILLINOIS FED. AID PROJECT		
		DATE - AUGUST 16, 2016	REVISED -			SCALE: 1" = 30'	SHEET 39 OF 45 SHEETS	STA.	TO STA.	

CONCRETE FOUNDATION				
BOLLARD HEIGHT	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
3 1/2' (1.1 m)	6 max. (152)	12 (304)	3'-0" (0.9 m)	2'-9" (0.8 m)

- ① Length does not include 4 (100) hook.
- ② Three or four anchor bolts may be used (four anchor bolt pattern shown). If using a three anchor bolt pattern, the Contractor shall use anchor bolt size recommended by manufacturer.



GENERAL NOTES

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The Contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance of metal foundations and notify the Engineer if other conditions are encountered.

When rock is encountered the foundation depth may be reduced 6 (150) for every 12 (300) of embedment in rock. The minimum foundation depth shall be 4'-6" (1.37 m) with cut anchor rods 6 (150) above bottom of excavated hole. See ring plate detail.

All dimensions are in inches (millimeters) unless otherwise shown.

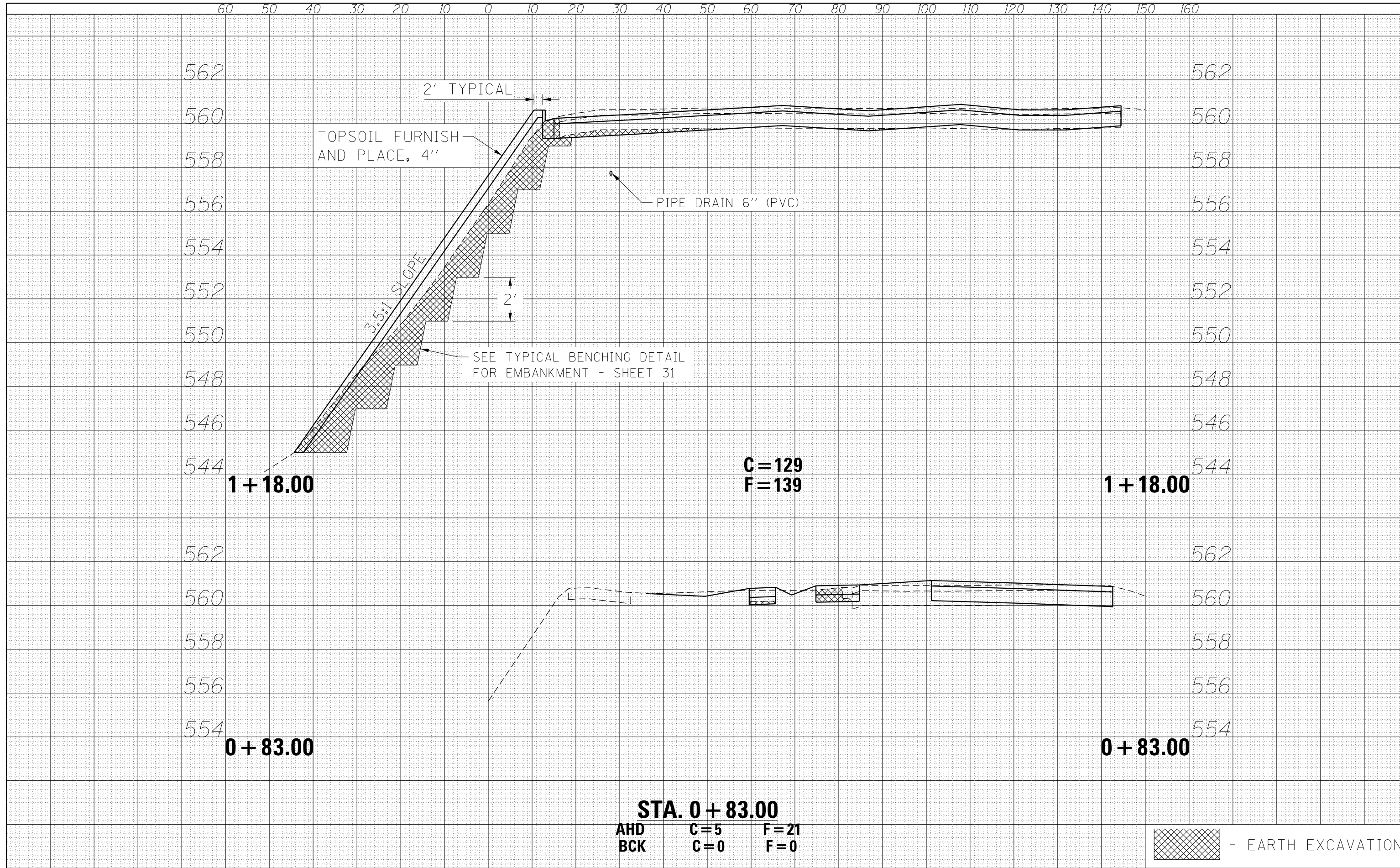
* If the required anchor rod length above top of foundation is less than 3 (75), anchor rods may be lowered below 6 (150).

CONCRETE FOUNDATION

FILE NAME = L-Lighting Plans.dgn	USER NAME = stevek	DESIGNED - I.D.O.T.	REVISED - 12/16/16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOLLARD FOUNDATION DETAIL LINCOLN TRAIL STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Proposed Lighting	PLOT SCALE = 60.0000' / in.	CHECKED - R.H.D.	REVISED -			PARK ROADS 2017-01	CLARK	45	40	
	PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -			CONTRACT NO. 46417		ILLINOIS FED. AID PROJECT		
						SCALE: 1" = 30'	SHEET 40 OF 45 SHEETS	STA.	TO STA.	

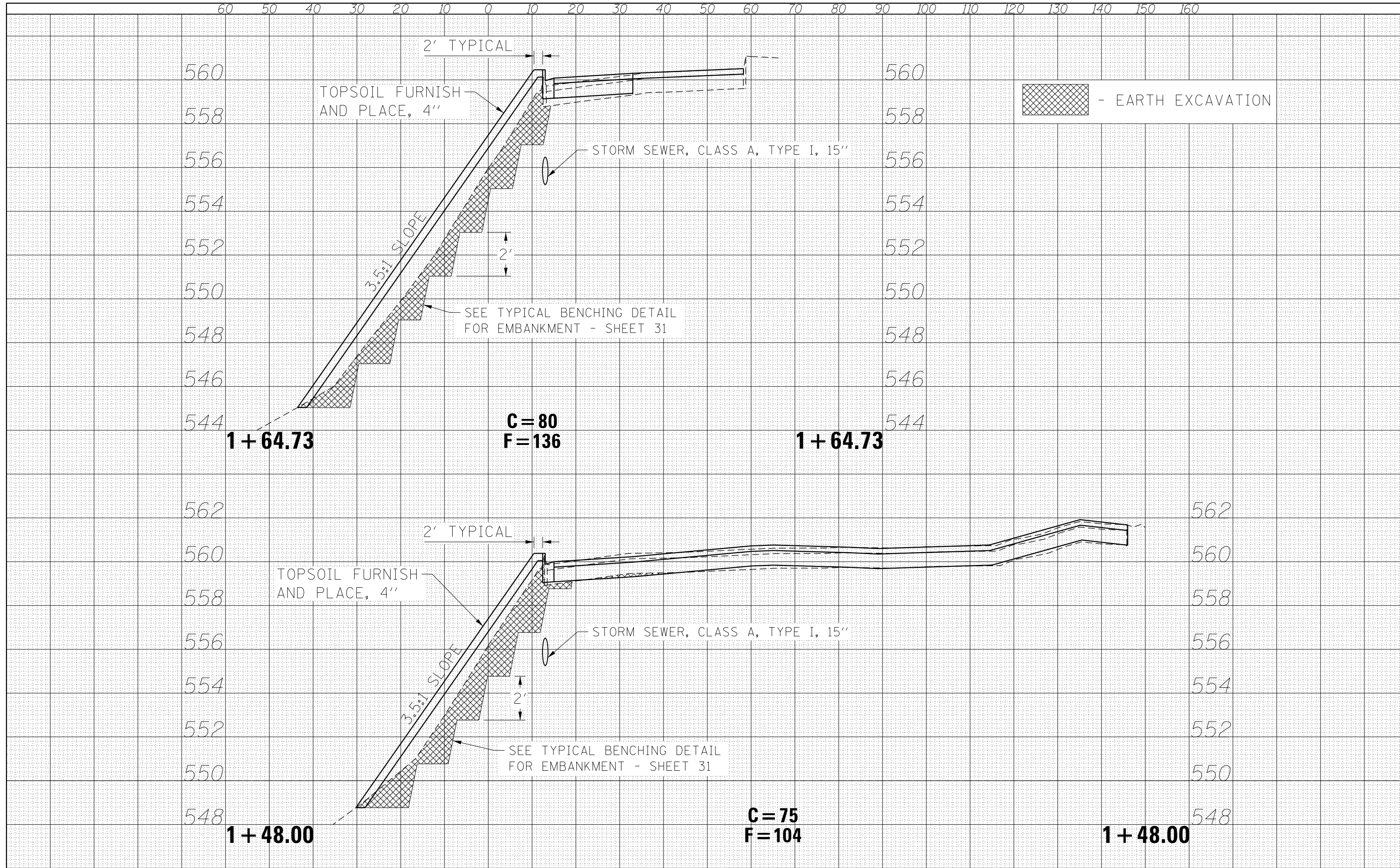
DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
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ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME = C-XSCTNS 2.dgn
 Default

USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16
	DRAWN - D.R.C.	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - R.H.D.	REVISED -
PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

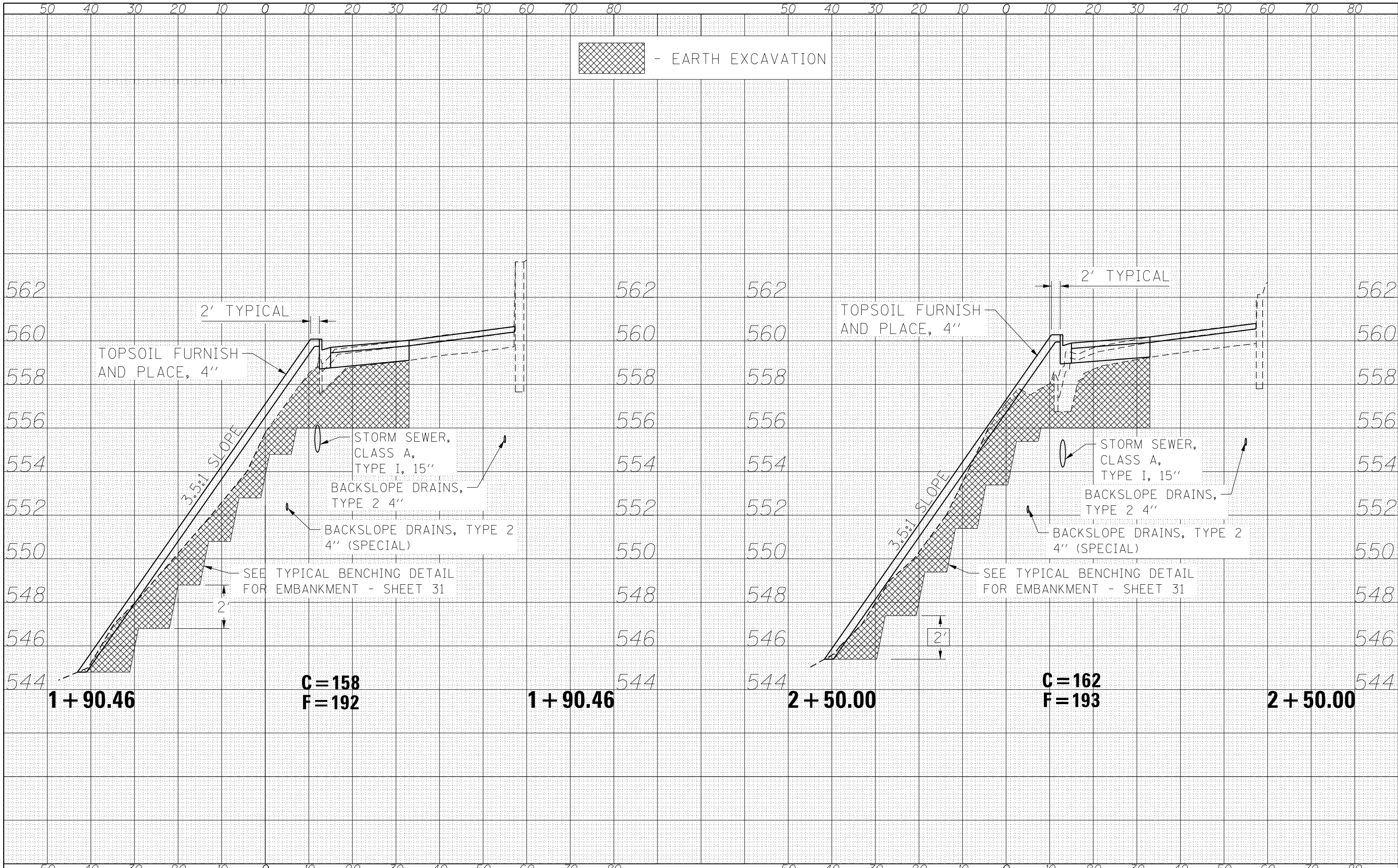
**CROSS SECTIONS (UPPER CONCESSION PARKING LOT)
 LINCOLN TRAIL STATE PARK**

SCALE: 1" = 10' SHEET 42 OF 45 SHEETS STA. 1+48.00 TO STA. 1+64.73

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	42
			CONTRACT NO. 46417	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	C-XSCTNS 2.dgn
USER NAME =	stevek
DESIGNED -	R.H.D./D.R.C.
DRAWN -	D.R.C.
CHECKED -	R.H.D.
DATE -	AUGUST 16, 2016
REVISED -	12/16/16
REVISED -	
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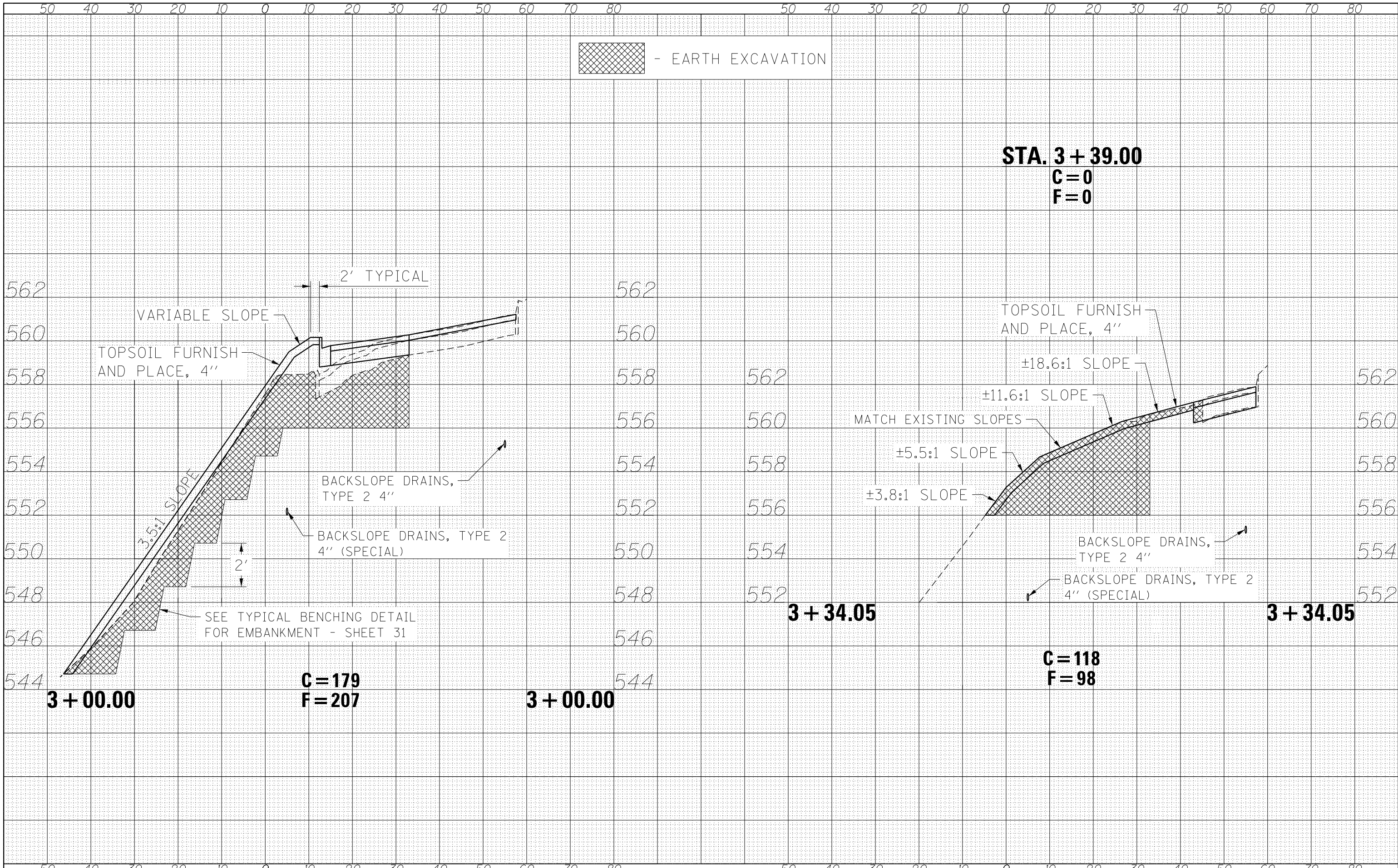
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS (UPPER CONCESSION PARKING LOT)			
LINCOLN TRAIL STATE PARK			
SCALE: 1" = 10'	SHEET 43 OF 45 SHEETS	STA. 1+90.46 TO STA. 2+50.00	

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	43
			CONTRACT NO. 46417	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
NOTED	
BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
NOTED	
BOOK	
NO.	



FILE NAME = C-XSCTNS 2.dgn
 Default

USER NAME = stevek	DESIGNED - R.H.D./D.R.C.	REVISED - 12/16/16
	DRAWN - D.R.C.	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - R.H.D.	REVISED -
PLOT DATE = 12/14/2016	DATE - AUGUST 16, 2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS (UPPER CONCESSION PARKING LOT)
 LINCOLN TRAIL STATE PARK
 SCALE: 1" = 10' SHEET 44 OF 45 SHEETS STA. 3+00.00 TO STA. 3+34.05

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS 2017-01	CLARK	45	44
			CONTRACT NO. 46417	
ILLINOIS FED. AID PROJECT				

