

06-14-13 LETTING ITEM 193

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

IDOT / IDNR STATEWIDE
KANKAKEE RIVER STATE PARK
SECTION PARK ROADS

WILL & KANKAKEE COUNTY

IDNR PROJECT NO. 2-12-013

C-30-004-13

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 46251		
P-30-001-12 * WILL & KANKAKEE				

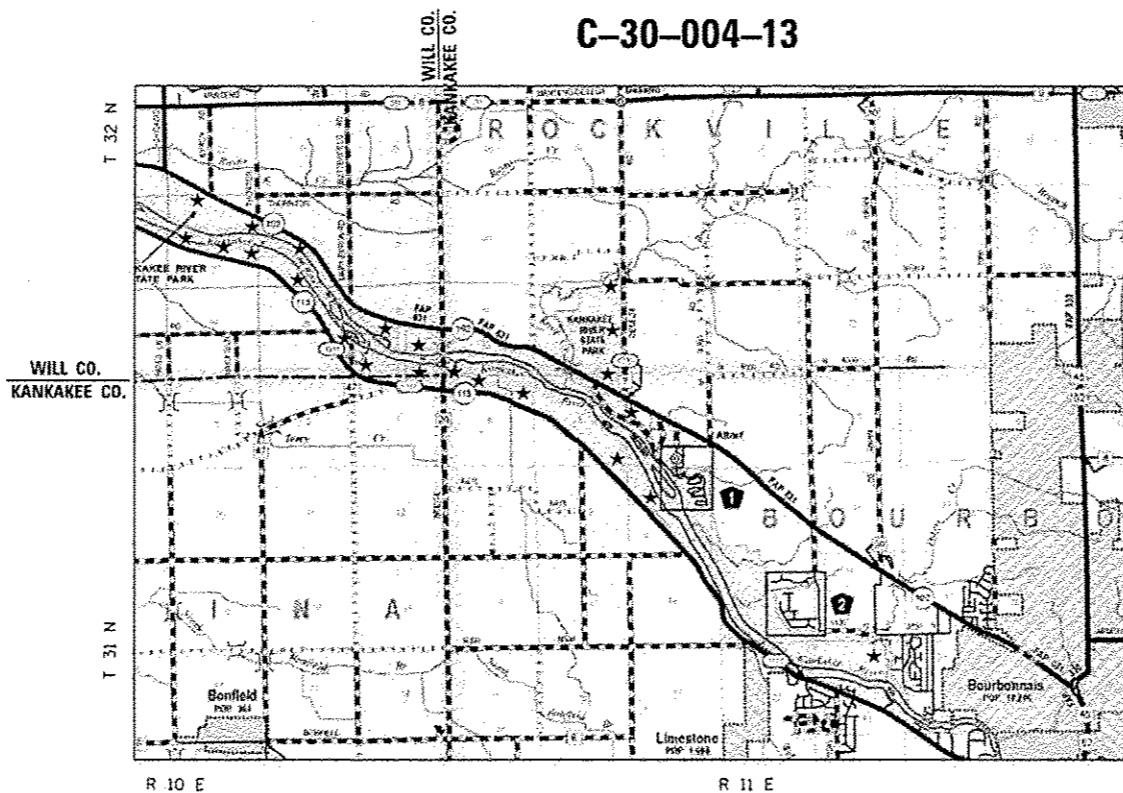
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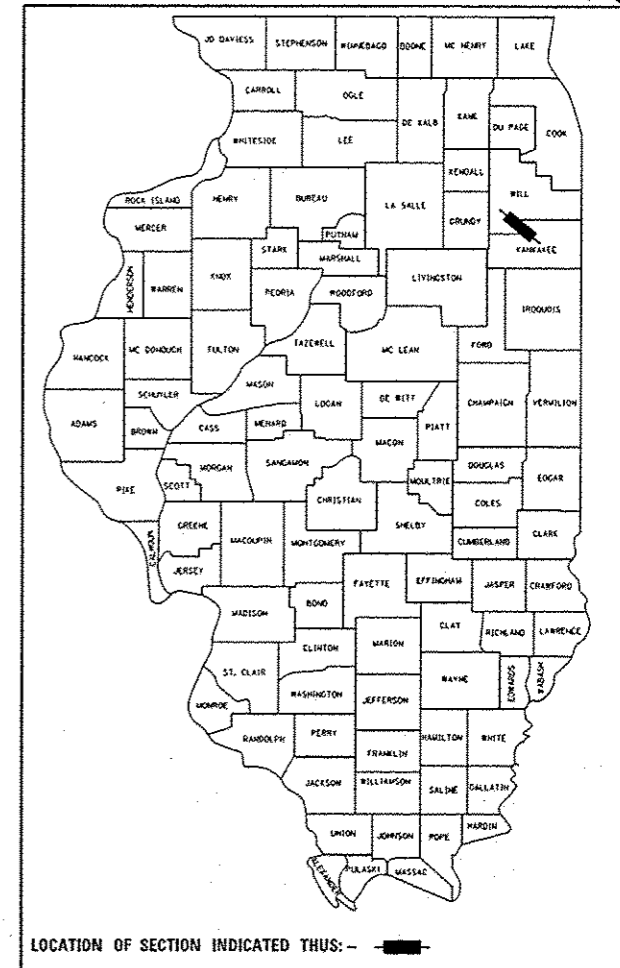
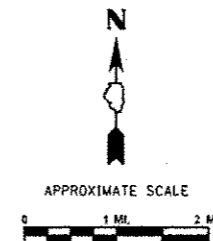
HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
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- 442201-03 CLASS C AND D PATCHES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTIONS
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- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-04 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
- 701011-03 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-02 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-03 SIGN PANEL ERECTION DETAILS
- 780001-03 TYPICAL PAVEMENT MARKINGS
- BLR 17-4 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

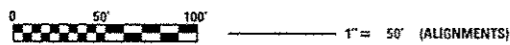


LOCATION MAP

* SITE LOCATIONS



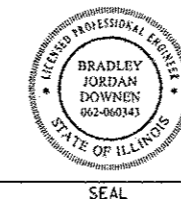
LOCATION OF SECTION INDICATED THIS: -



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.

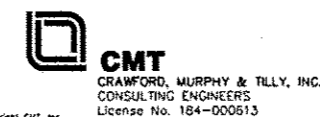
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: LANCE KIDD (217) 785-2933
CONTRACT NO. 46251



SEAL

SIGNATURE: *[Signature]*
DATE SIGNED: 3-29-2013
LICENSE EXPIRATION DATE: 11-30-2013



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 10 2013
William B. Freyer, Jr.
DEPUTY DIRECTOR OF HIGHWAYS, REGIONAL ENGINEER

May 10 2013
John D. Baranzelli, PE, Jr.
ACTING ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2013
Omer Osman, PE, Jr.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
2. THE CONTRACTOR SHALL CONFINE OPERATIONS AND MINIMIZE IMPACTS OF CONSTRUCTION ACTIVITIES OUTSIDE THE PROPOSED GRADING LIMITS DUE TO CULTURAL SENSITIVITY WITHIN THE PARK.
3. ALL EXISTING ITEMS, INCLUDING BUT NOT LIMITED TO SIGNS, BENCHES, KIOSKS, ETC., NOT MARKED FOR REMOVAL SHALL REMAIN AND BE PROTECTED BY THE CONTRACTOR FROM CONSTRUCTION OPERATIONS.
4. TREE REMOVALS AND PRUNING SHOWN IN THE PLANS SHALL BE MARKED IN THE FIELD AND VERIFIED BY THE ENGINEER PRIOR TO REMOVAL OR PRUNING BY THE CONTRACTOR. ALL TREES REMOVED SHALL BE REPLACED AT A 1:1 RATIO WITH THE SPECIES AND DISTRIBUTIONS AS SPECIFIED IN THE SUMMARY OF QUANTITIES. ALL REMAINING TREES SHALL BE PROTECTED BY THE CONTRACTOR FROM DAMAGE DUE TO HIS OPERATIONS.
5. EXISTING TREE AND VEGETATION SURVEYS SHOWN IN THE PLANS ARE PARTIAL AND REFLECT ONLY SOME OF THE LOCATIONS WHERE POTENTIAL CONFLICTS WITH THE ROADWAYS OR PARKING LOTS COULD OCCUR. SEE THE PLAN SHEETS AND CONSTRUCTION DETAILS FOR ESTIMATED TREE REMOVAL AND PRUNING LOCATIONS. ALL TREE REMOVAL AND PRUNING SHALL BE DONE ONLY AS DIRECTED BY THE ENGINEER.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE LANDSCAPE ARCHITECT KATHY CINDRICH (815-434-8445) AT LEAST 14 DAYS IN ADVANCE OF TREE PLANTING. TREE PLANTING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER AND THE IDNR SITE SUPERINTENDANT KATHY PANGLE.
7. THE CONTRACTOR SHALL REMOVE EXISTING TOPSOIL AND VEGETATION BENEATH NEW PAVEMENT AND SIDEWALK PRIOR TO PREPARING SUBGRADE AND FILL TO REQUIRED SUBGRADE ELEVATION WITH SUITABLE COMPACTED SITE EXCAVATED MATERIAL.
8. EXCESS EXCAVATION SHALL BE DISPOSED OF OFFSITE.
9. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. SEEDING, INCLUDING FERTILIZER AND MULCH, SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED CONSTRUCTION LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, FERTILIZED, AND MULCHED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.



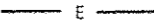

11. WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT CONSTRUCTION JOINT. SAW CUTTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM BEING CONSTRUCTED.
12. THE ENGINEER SHALL CONDUCT A PATCHING SURVEY PRIOR TO ROADWAY SURFACING TO DETERMINE THE FINAL LIMITS FOR FULL-DEPTH BASE REPAIR AND PAVEMENT PATCHING ON EXISTING ROADWAYS. THE CONTRACTOR SHALL CONSTRUCT FULL-DEPTH BASE REPAIR AND PAVEMENT PATCHING ONLY AT THE DISCRETION OF THE ENGINEER.
13. THE CROSS SLOPE OF ALL PROPOSED SIDEWALKS SHALL NOT EXCEED 2%.
14. ALL REINFORCING BARS SHALL BE ASTM A 706.
15. FINAL PROPOSED SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
16. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
17. WHERE SECTION OR SUB-SECTION CORNERS OR PROPERTY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MARKERS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.
18. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
19. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS / CU YD
HOT-MIX ASPHALT PAVEMENT	2.016 TON / CU YD
BITUMINOUS MATERIALS:	
PRIME COAT ON EXISTING PAVEMENT	0.05 LB / SQ FT
PRIME COAT ON NEW PAVEMENT	0.025 LB / SQ FT
PRIME COAT ON AGGREGATE	0.25 LB / SQ FT
20. MATERIAL INSPECTIONS SHALL BE COORDINATED THROUGH THE ILLINOIS DEPARTMENT OF TRANSPORTATIONS MATERIALS LAB IN KANKAKEE (815-939-4222).
21. THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES KANKAKEE RIVER STATE PARK SITE SUPERINTENDENT KATHY PANGLE (815-933-1383) AT LEAST TWO WEEKS IN ADVANCE OF MOVING EQUIPMENT, MATERIALS, OR WORK FORCES TO EACH SITE. ACCESS TO THE PARK SHALL BE COORDINATED WITH THE SUPERINTENDENT, AND ALL SITES MUST BE ACCESSIBLE TO THE PARK MAINTENANCE STAFF AT ALL TIMES IN CASE OF NEED FOR EMERGENCY ACCESS.
22. CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND BURIED IDOT FACILITIES PRIOR TO CONSTRUCTION.
23. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
24. ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
25. THE PROPOSED LIGHT POLES SHALL BE LOCATED AS NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
26. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA70 (NEC MOST CURRENT ISSUE). THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID U.L. LISTING (OR THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.

COMMITMENTS

1. SINCE SUITABLE HABITAT MAY EXIST FOR THE FEDERALLY ENDANGERED INDIANA BAT, THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES KANKAKEE RIVER STATE PARK SITE SUPERINTENDENT KATHY PANGLE (815-933-1383) AT LEAST TWO WEEKS IN ADVANCE OF ANY TREE REMOVAL OR PRUNING. THE FOLLOWING MEASURES SHALL BE IMPLEMENTED:
 - A. IDNR SHALL CONDUCT A FIELD VISIT BY A QUALIFIED INDIVIDUAL TO DETERMINE IF SUITABLE TREES ARE PRESENT TO PROVIDE INDIANA BAT HABITAT. SUITABLE HABITAT TREES ARE: SHAGBARK AND SHELLBARK HICKORY, LIVE OR DEAD, AND BITTERNUT HICKORY, AMERICAN ELM, SLIPPERY ELM, EASTERN COTTONWOOD, SILVER MAPLE, WHITE OAK, RED OAK, POST OAK, AND SHINGLE OAK THAT ARE DEAD WITH SLABS OR PLATES OF LOOSE OR PEELING BARK ON THE TRUNKS OR LIMBS. ALL SUITABLE TREES MUST BE AT LEAST 9 INCHES DBH (DIAMETER AT BREAST HEIGHT).
 - B. IF NO SUITABLE TREES EXIST WITHIN THE PROJECT AREA, ALL TREES ON SITE MAY BE CUT AT ANY TIME.
 - C. IF SUITABLE TREES ARE FOUND IN THE PROJECT AREA, THOSE TREES SHALL BE CLEARLY FLAGGED OR MARKED AND SHALL NOT BE CUT BETWEEN APRIL 1 AND OCTOBER 15 (CAN ONLY BE CUT DURING OCTOBER 16 TO MARCH 31). AS NOTED ABOVE, ALL NON-SUITABLE TREES MAY BE CUT AT ANY TIME.

LEGEND

-  EXISTING WOOD POLE WITH PROPOSED LUMINAIRE, LED, TYPE THREE DISTRIBUTION
-  PROPOSED LIGHT POLE, WOOD, 30 FT, CLASS 5 WITH LUMINAIRE, LED, TYPE THREE DISTRIBUTION
-  ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.10
-  EXISTING SERVICE INSTALLATION, 120 VAC

MIXTURE REQUIREMENTS

MIXTURE USE	LEVEL BINDER	BINDER	SURFACE
AC/PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:	N/A	N/A	MIX "C"

LEGEND

SUMMARY OF QUANTITIES					WILL COUNTY		KANKAKEE COUNTY	
					ROADWAY	LIGHTING	ROADWAY	LIGHTING
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				0005	0021	0005	0021	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,087	1,015		72		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,591	1,131		460		
20101100	TREE TRUNK PROTECTION	EACH	190	91		99		
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	363	159		204		
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	389	158		231		
20200100	EARTH EXCAVATION	CU YD	2,788	1,388		1,400		
* 20200200	ROCK EXCAVATION	CU YD	50	25		25		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,228	780		448		
20400800	FURNISHED EXCAVATION	CU YD	199	139		60		
20800150	TRENCH BACKFILL	CU YD	112.3	42.8		69.5		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3,391	2,336		1,055		
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	8,251	4,190		4,061		
21400100	GRADING AND SHAPING DITCHES	FOOT	6,643	3,077		3,566		
* 25000110	SEEDING, CLASS 1A	ACRE	8.25	3.75		4.50		

100% STATE

* Specialty Items

SUMMARY OF QUANTITIES					WILL COUNTY		KANKAKEE COUNTY	
					ROADWAY	LIGHTING	ROADWAY	LIGHTING
					CONSTRUCTION TYPE CODE			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005	0021	0005	0021	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	754	342		412		
* 25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	754	342		412		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	754	342		412		
* 25100115	MULCH, METHOD 2	ACRE	8.25	3.75		4.50		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	825	375		450		
28000305	TEMPORARY DITCH CHECKS	FOOT	784	432		352		
28000400	PERIMETER EROSION BARRIER	FOOT	1,475	1275		200		
28000500	INLET AND PIPE PROTECTION	EACH	40	14		26		
28100105	STONE RIPRAP, CLASS A3	SO YD	57	45		12		
28200200	FILTER FABRIC	SO YD	57	45		12		
35100100	AGGREGATE BASE COURSE, TYPE A	TON	713.2	115.0		598.2		
35100120	AGGREGATE BASE COURSE, TYPE A 2"	SO YD	19,201	10,730		8,471		
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SO YD	286	215		71		
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SO YD	167	94		73		

100% STATE

*Specialty Items

SUMMARY OF QUANTITIES					WILL COUNTY		KANKAKEE COUNTY	
					ROADWAY	LIGHTING	ROADWAY	LIGHTING
					CONSTRUCTION TYPE CODE			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005	0021	0005	0021	
			<i>100% STATE</i>					
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SO YD	6,012	3,078		2,934		
35101400	AGGREGATE BASE COURSE, TYPE B	TON	2,513.2	1,595.8		917.4		
35800100	PREPARATION OF BASE	SO YD	21,667	11,165		10,502		
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	373.1	54.3		318.8		
40200300	AGGREGATE SURFACE COURSE, TYPE A 4"	SO YD	17,294	6,826		10,468		
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SO YD	1,138			1,138		
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	337.7	81.6		256.1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1,142	413		729		
40600990	TEMPORARY RAMP	SO YD	545	155		390		
40603080	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	3,481.8	1,914.8		1,567.0		
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	8,314.2	2,141.5		6,172.7		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	2,075	1,222		853		
44000100	PAVEMENT REMOVAL	SO YD	2,023	822		1,201		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	162			162		

SUMMARY OF QUANTITIES					WILL COUNTY		KANKAKEE COUNTY	
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					CONSTRUCTION TYPE CODE			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005	0021	0005	0021	
			<i>100% STATE</i>					
44000600	SIDEWALK REMOVAL	SO FT	789	128		661		
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SO YD	517	69		448		
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SO YD	529	69		460		
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SO YD	520	70		450		
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SO YD	1,361	101		1,260		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	636			636		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,340.8	598.4		742.4		
50105220	PIPE CULVERT REMOVAL	FOOT	533	279		254		
542A0265	PIPE CULVERTS, CLASS A, TYPE 1 60"	FOOT	103			103		
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	263	198		65		
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	567	349		218		
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	67	67				
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	40			40		
54213447	END SECTIONS 12"	EACH	14	10		4		

SUMMARY OF QUANTITIES					WILL COUNTY		KANKAKEE COUNTY	
					ROADWAY	LIGHTING	ROADWAY	LIGHTING
					CONSTRUCTION TYPE CODE			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY					
					0005	0021	0005	0021
				<i>100% STATE</i>				
54213450	END SECTIONS 15"	EACH	19	11		8		
54213453	END SECTIONS 18"	EACH	2	2				
54213459	END SECTIONS 24"	EACH	2			2		
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	2			2		
60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	68			68		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	7		7		
67100100	MOBILIZATION	L SUM	1	0.5		0.5		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	702	296		406		
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	35	10		25		
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	12	12				
* 73000100	WOOD SIGN SUPPORT	FOOT	2,488	1,131		1,357		
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	178	46		132		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	22,172	5,776		16,396		
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	334			334		

**Specialty Items*

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					ROADWAY	LIGHTING	ROADWAY	LIGHTING
					CONSTRUCTION TYPE CODE			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005	0021	0005	0021	
			<i>100% STATE</i>					
X0300019	REMOVE AND REINSTALL PARKING BLOCKS	EACH	87	87				
X0300249	REMOVE EXISTING GATE	EACH	18	8		10		
X0301339	REMOVE EXISTING PARKING BLOCKS	EACH	648	130		518		
X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	687	168		519		
X0323013	TUBULAR STEEL GATE	EACH	18	8		10		
* X0323117	LANDSCAPING GRAVEL	SO YD	74			74		
X0324062	ENTRANCE SIGN	L SUM	1			1		
X0326657	RELOCATE SIGN, SPECIAL	EACH	5	5				
X0327009	REMOVE SIGN (SPECIAL)	EACH	1			1		
X0327171	SCARIFY EXISTING SURFACE	SO YD	14,473	5,912		8,561		
X0350805	FOLD DOWN BOLLARDS	EACH	11	6		5		
X0350810	BOLLARD REMOVAL	EACH	72	65		7		
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	330			330		
X4811900	AGGREGATE SHOULDERS (SPECIAL)	TON	1,551.6	1,422.2		129.4		

14

*Specialty Items

FILE NAME * L:\1001\1100010\1015\10\CA00_Sheets\046251-sht-SummaryOfQuantities.dgn	USER NAME * Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE * 100.0000' / 1" =	CHECKED - BJD	REVISOR -					PARK ROADS	*	140	9	
PLOT DATE * 4/6/2013	DATE - 3/29/2013	REVISOR -			* WILL & KANKAKEE		CONTRACT NO. 46251				
Sheet 7					SCALE: N.T.S.	SHEET 7 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

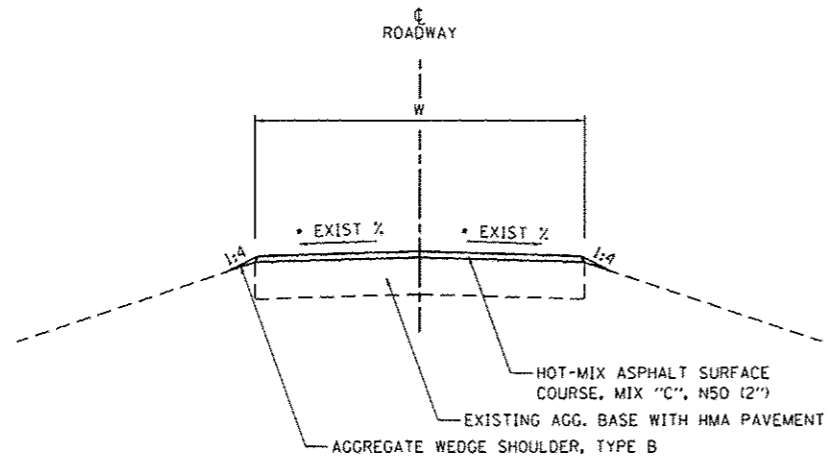
SUMMARY OF QUANTITIES					WILL COUNTY		KANKAKEE COUNTY	
					ROADWAY	LIGHTING	ROADWAY	LIGHTING
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				0005	0021	0005	0021	
			<i>100% STATE</i>					
X5420612	PIPE CULVERTS TO BE CLEANED 12"	FOOT	256			256		
X5420615	PIPE CULVERTS TO BE CLEANED 15"	FOOT	673	161		512		
X5420618	PIPE CULVERTS TO BE CLEANED 18"	FOOT	142	59		83		
X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	272	25		247		
X5420636	PIPE CULVERTS TO BE CLEANED 36"	FOOT	201			201		
X5420684	PIPE CULVERTS TO BE CLEANED 84"	FOOT	71			71		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5		0.5		
X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	207	90		117		
X7240205	REMOVE SIGN COMPLETE	EACH	61	23		38		
* XX007797	LUMINAIRE (SPECIAL)	EACH	13		7		6	
Z0003855	BICYCLE RACKS	EACH	3	3				
Z0004002	BOLLARDS	EACH	21	19		2		
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	6	6				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5		0.5		

** Specialty Items*

LIBR 8.6.21A

SUMMARY OF QUANTITIES					WILL COUNTY		KANKAKEE COUNTY	
					ROADWAY	LIGHTING	ROADWAY	LIGHTING
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE				
				0005	0021	0005	0021	
Z0022800	FENCE REMOVAL	FOOT	235	235				
Z0051398	REMOVE EXISTING SIGN POST	EACH	6	3		3		
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	87,766	37,617		50,149		
X0327590	LOCATING UNDERGROUND UTILITIES	L SUM	1	0.5		0.5		

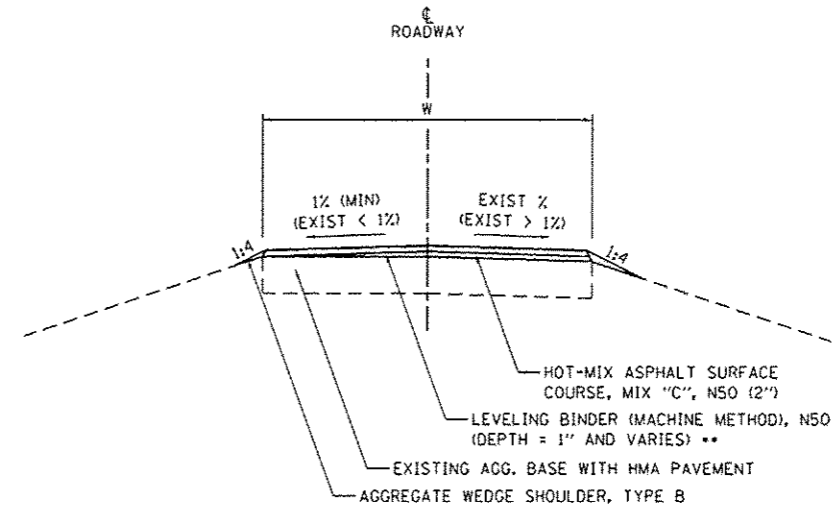
100% STATE



ROADWAY - TYPICAL #1

CHIPPEWA CAMPGROUND ENTRANCE ROAD: STA. 0+13.34 TO STA. 2+65.82
 SHAG BARK & CEDAR GROVE: STA. 10+23.00 TO STA. 12+63.00
 WEST PARK ROAD: STA. 28+00.00 TO STA. 39+93.31
 MAIN PARK ROAD: STA. 50+21.33 TO STA. 53+75.00
 STA. 55+25.00 TO STA. 76+50.00
 STA. 83+50.00 TO STA. 92+50.00
 RIVER BIRCH ADA DRIVE
 NORTH LOOP: STA. 0+21.33 TO STA. 30+27.71
 AREAS 9 & 10 BOAT ACCESS ROAD: STA. 0+13.42 TO STA. 11+33.53

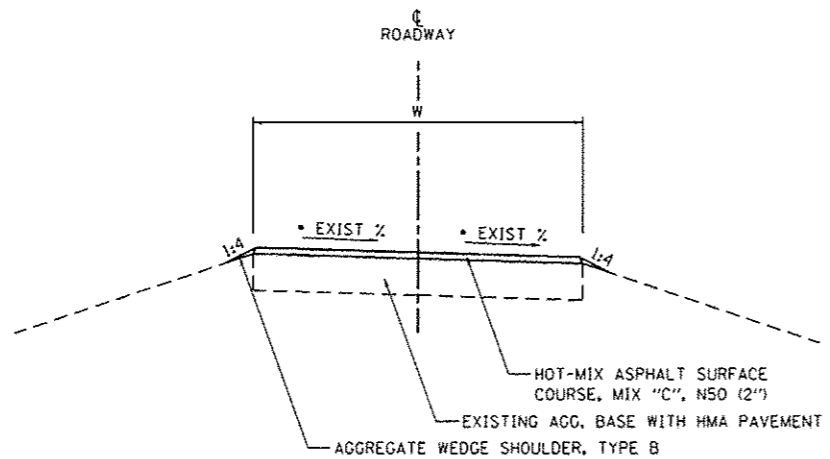
• WHEN EXISTING SLOPE IS LESS THAN 1%, USE TYPICAL #3



ROADWAY - TYPICAL #3 (CROSS SLOPE CORRECTION)

WEST PARK ROAD
 MAIN PARK ROAD
 RIVER BIRCH ADA DRIVE
 NORTH LOOP
 AREAS 9 & 10 BOAT ACCESS ROAD

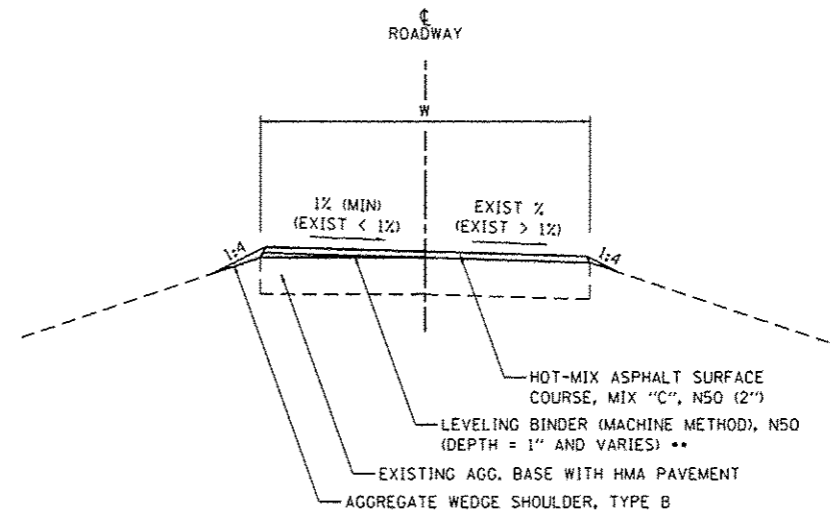
•• HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
 WHEN DEPTH IS LESS THAN 1/2"



ROADWAY - TYPICAL #2

SHAG BARK AND CEDAR GROVE: STA. 12+63.00 TO STA. 17+36.94
 WEST PARK ROAD: STA. 20+30.00 TO STA. 28+00.00
 MAIN PARK ROAD: STA. 53+75.00 TO STA. 55+25.00 (SLOPED TO LEFT)
 STA. 76+50.00 TO STA. 83+50.00
 STA. 92+50.00 TO STA. 104+70.00

• WHEN EXISTING SLOPE IS LESS THAN 1%, USE TYPICAL #4



ROADWAY - TYPICAL #4 (CROSS SLOPE CORRECTION)

WEST PARK ROAD
 MAIN PARK ROAD

•• HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
 WHEN DEPTH IS LESS THAN 1/2"

NOTE: 1. SEE PLAN SHEETS FOR ROADWAY WIDTHS
 2. ROADWAY CROSS SLOPE TRANSITIONS SHALL
 BE ACCOMPLISHED OVER 50'

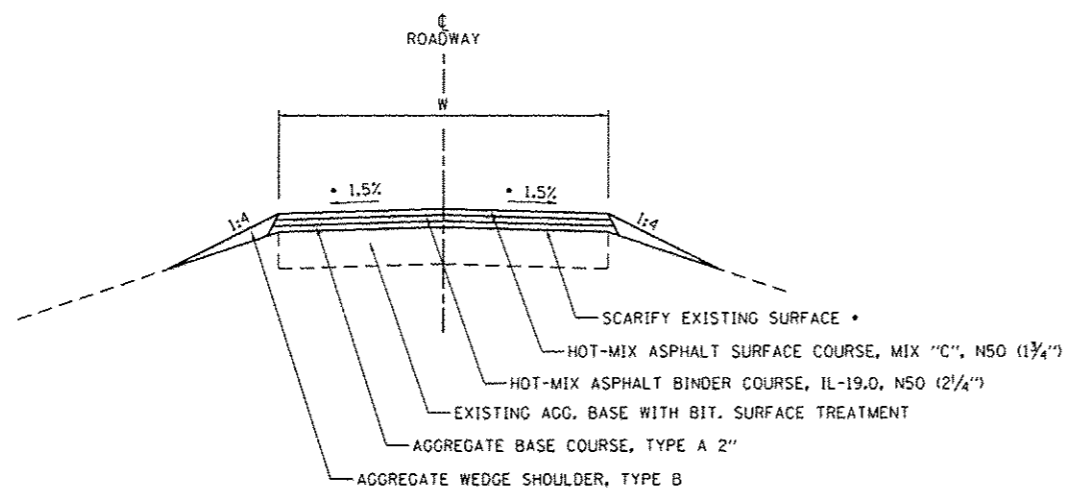
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	PLOT SCALE = 10.0000' / 1"	CHECKED - BJD	REVISED -
Sheet 1	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS & PAVEMENT STRUCTURE DETAILS
 KANKAKEE RIVER STATE PARK**

SCALE: N.T.S. SHEET 1 OF 7 SHEETS STA. TO STA.

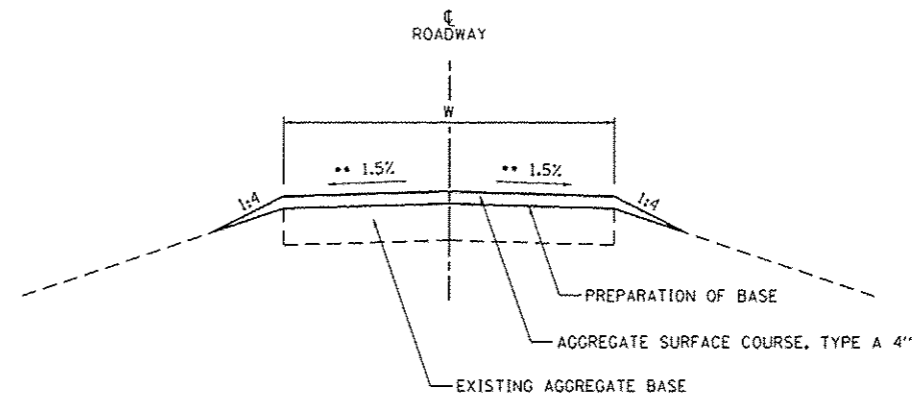
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	12
• WILL & KANKAKEE			CONTRACT NO. 46251	
[ILLINOIS] FED. AID PROJECT				



ROADWAY - TYPICAL #5

LOWER CHIPPEWA BOAT ACCESS ROAD: STA. 8+50.00 TO STA. 18+50.00
 STA. 20+50.00 TO STA. 22+42.30
 FISHERMAN PARKING: STA. 2+75.00 TO STA. 3+53.41 ***
 HORSE STABLE DRIVE: STA. 2+58.00 TO STA. 9+73.20
 DAVIS CREEK DRIVE: STA. 3+18.00 TO STA. 17+00.00

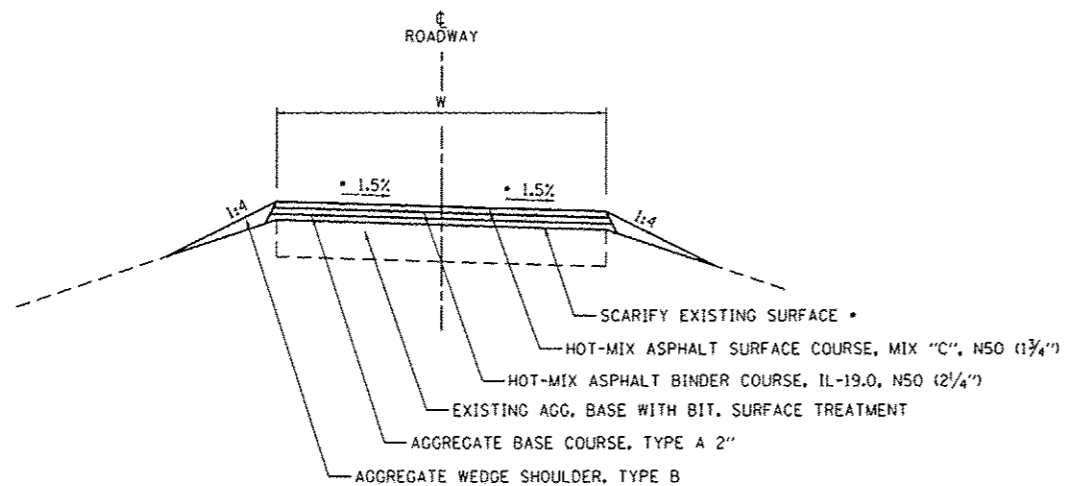
- PROPOSED CROSS SLOPE SHALL BE SHAPED WITH EXISTING MATERIAL AFTER SCARIFYING EXISTING SURFACE
- *** DEPTH OF AGGREGATE BASE COURSE VARIES. AGGREGATE EXCEEDING 2" DEPTH SHALL BE PAID FOR AS AGGREGATE BASE COURSE, TYPE A (TON).



ROADWAY - TYPICAL #7

AREA 2 DRIVE: STA. 0+73.39 TO STA. 19+65.00
 AREA 4 CAMPGROUND LOOP

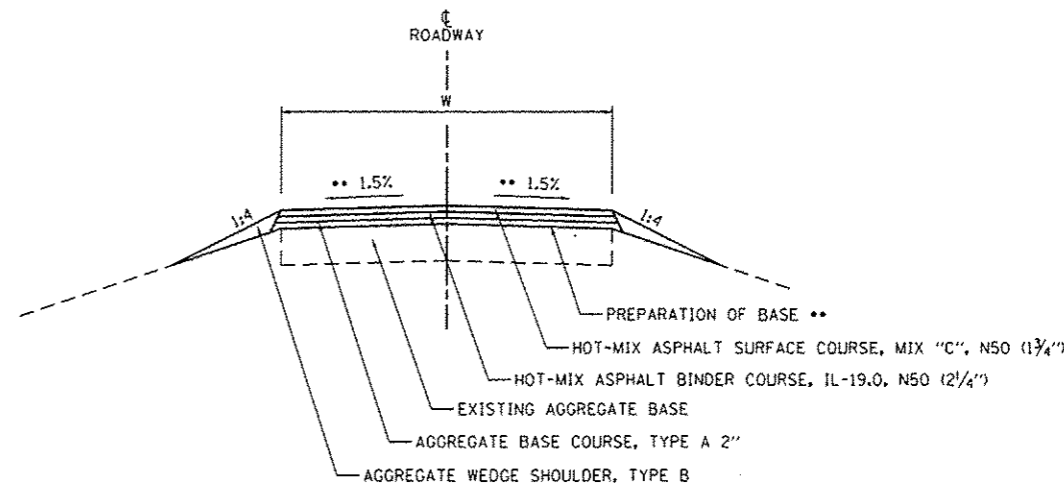
- ** PROPOSED CROSS SLOPE SHALL BE SHAPED WITH EXISTING MATERIAL DURING PREPARATION OF EXISTING BASE



ROADWAY - TYPICAL #6

LOWER CHIPPEWA BOAT ACCESS ROAD: STA. 2+34.00 TO STA. 8+50.00
 STA. 18+50.00 TO STA. 20+50.00
 FISHERMAN PARKING: STA. 0+10.55 TO STA. 2+75.00 (SLOPED TO LEFT) ***

- PROPOSED CROSS SLOPE SHALL BE SHAPED WITH EXISTING MATERIAL AFTER SCARIFYING EXISTING SURFACE
- *** DEPTH OF AGGREGATE BASE COURSE VARIES. AGGREGATE EXCEEDING 2" DEPTH SHALL BE PAID FOR AS AGGREGATE BASE COURSE, TYPE A (TON).



ROADWAY - TYPICAL #8

AREA 7 DRIVE: STA. 2+32.97 TO STA. 14+50.00

- ** PROPOSED CROSS SLOPE SHALL BE SHAPED WITH EXISTING MATERIAL DURING PREPARATION OF EXISTING BASE

NOTE: 1. SEE PLAN SHEETS FOR ROADWAY WIDTHS
 2. ROADWAY CROSS SLOPE TRANSITIONS SHALL BE ACCOMPLISHED OVER 50'

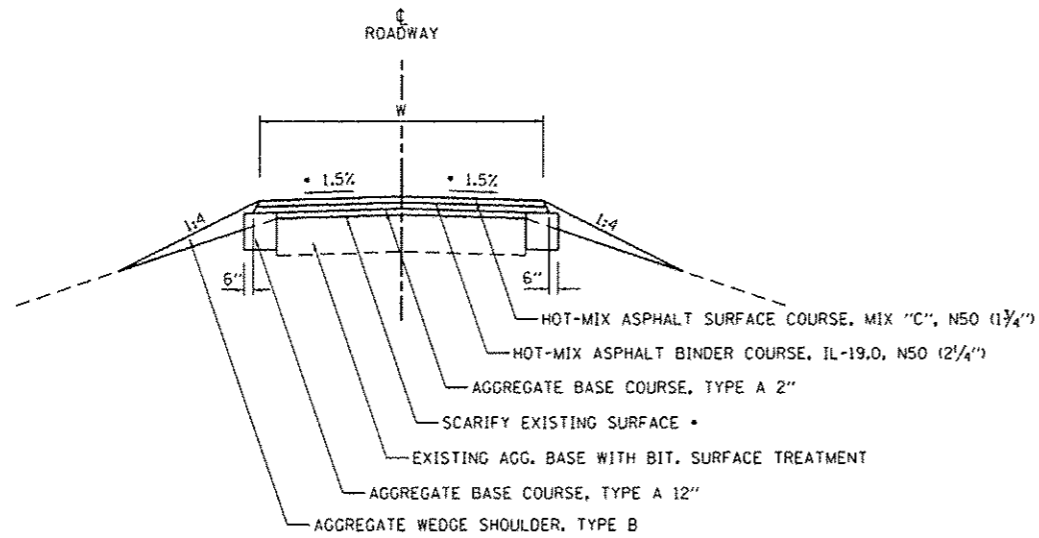
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		CHECKED - BJD	REVISED -
Sheet 2	PLOT DATE = 4/8/2013	DATE = 3/29/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS & PAVEMENT STRUCTURE DETAILS
 KANKAKEE RIVER STATE PARK**

SCALE: N.T.S. SHEET 2 OF 7 SHEETS STA. TO STA.

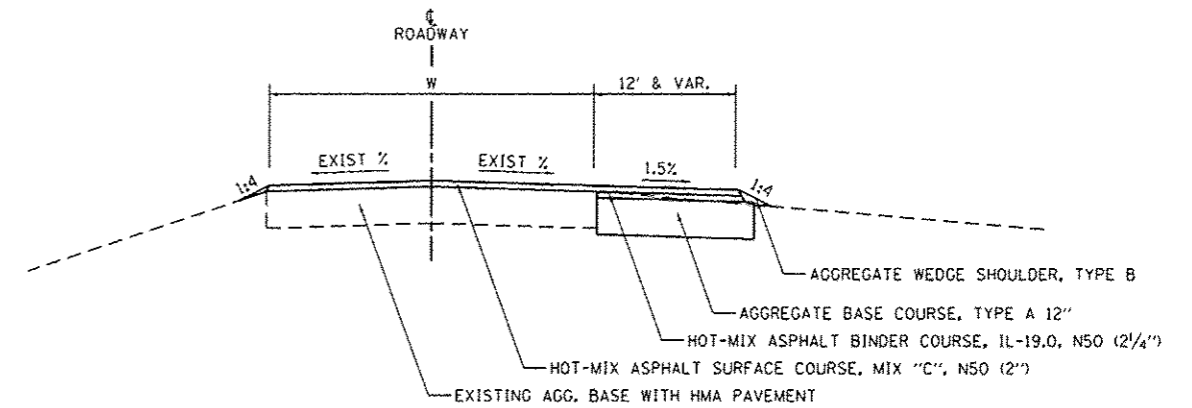
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	13
• WILL & KANKAKEE			CONTRACT NO. 46251	
[ILLINOIS] FED. AID PROJECT				



ROADWAY - TYPICAL #9

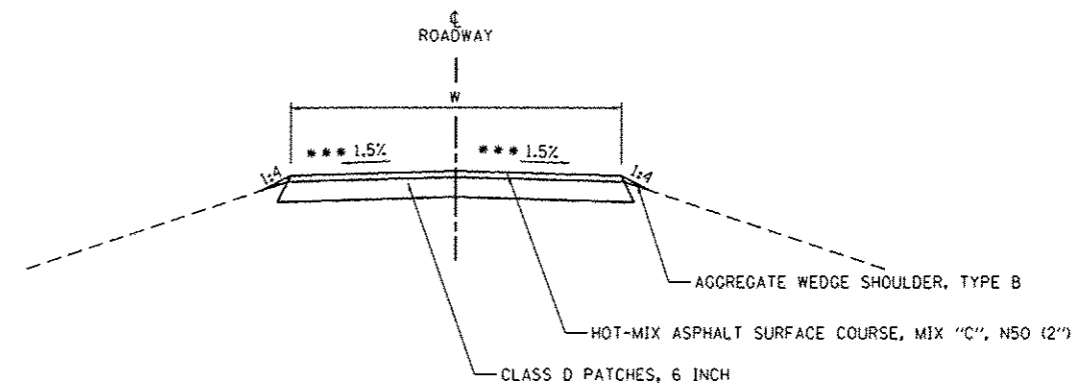
HORSE STABLE DRIVE: STA. 9+73.20 TO STA. 11+54.00
 DAVIS CREEK DRIVE: STA. 17+00.00 TO STA. 18+05.00

* PROPOSED CROSS SLOPE SHALL BE SHAPED WITH EXISTING MATERIAL AFTER SCARIFYING EXISTING SURFACE



ROADWAY - TYPICAL #11

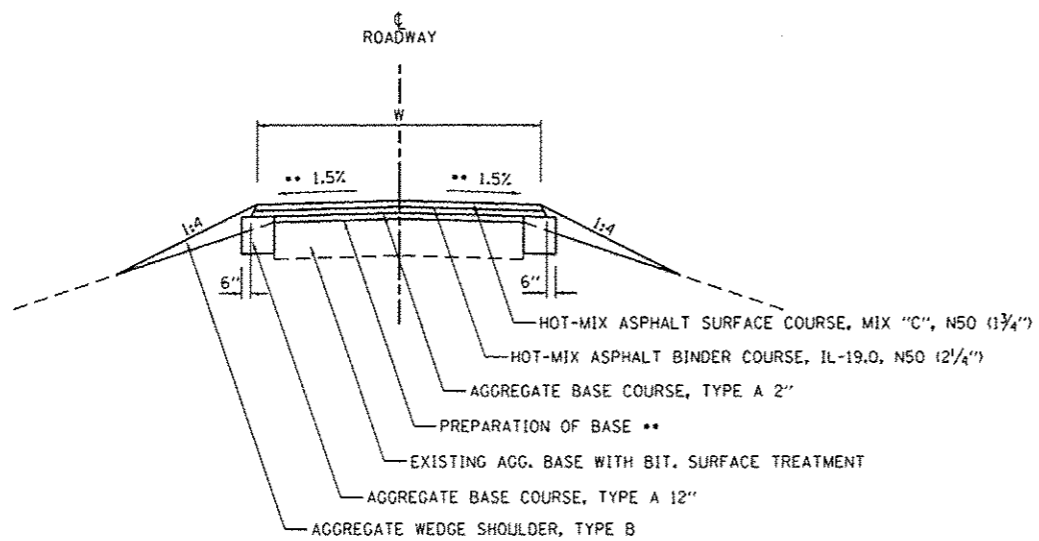
MAIN PARK ROAD: STA. 51+85.00 TO STA. 53+00.00



PAVEMENT PATCHING - TYPICAL

SEE PLAN SHEETS FOR ESTIMATED LOCATIONS AND LIMITS.
 PATCHING SHALL ONLY BE USED AT THE DISCRETION OF THE ENGINEER.

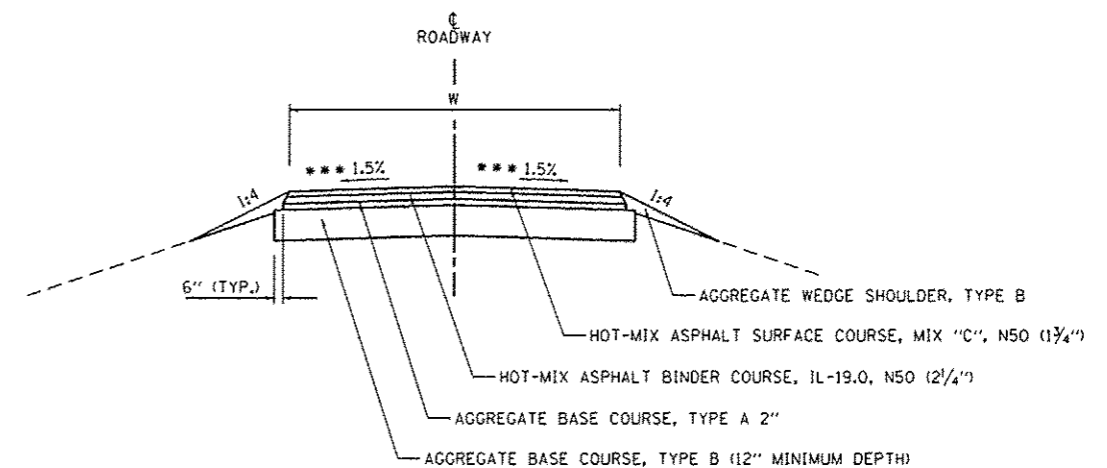
*** SEE ROADWAY TYPICAL SECTIONS FOR PROPOSED CROSS SLOPE INFORMATION.



ROADWAY - TYPICAL #10

AREA 7 DRIVE: STA. 0+92.97 TO STA. 2+32.97

** PROPOSED CROSS SLOPE SHALL BE SHAPED WITH EXISTING MATERIAL DURING PREPARATION OF EXISTING BASE



FULL-DEPTH BASE REPAIR - TYPICAL

SEE PLAN SHEETS FOR ESTIMATED LOCATIONS AND LIMITS.
 FULL-DEPTH BASE REPAIR SHALL ONLY BE USED AT THE DISCRETION OF THE ENGINEER.

*** SEE ROADWAY TYPICAL SECTIONS FOR PROPOSED CROSS SLOPE INFORMATION.

NOTE: 1. SEE PLAN SHEETS FOR ROADWAY WIDTHS

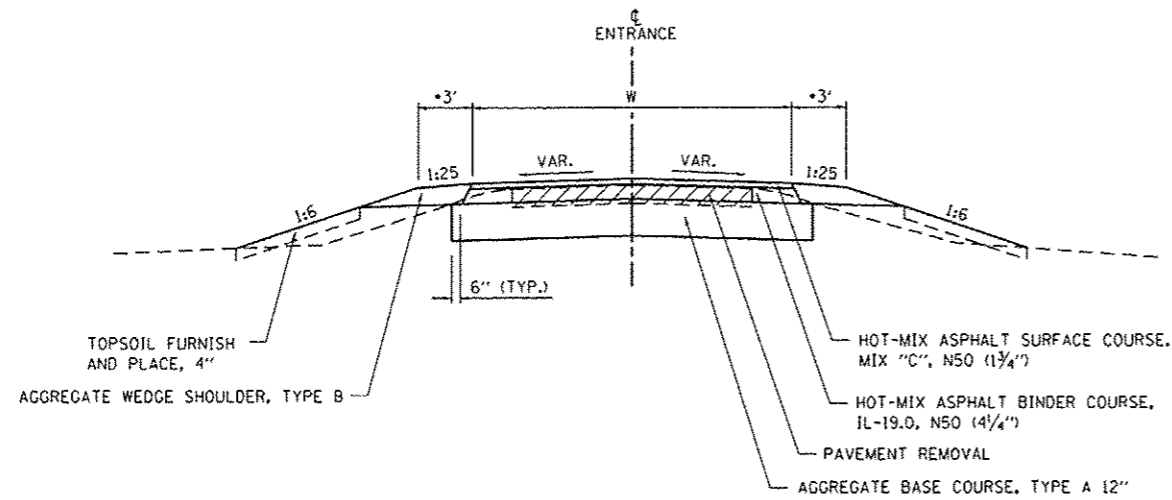
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PLOT SCALE : 10.0000' / in.	CHECKED - BJD	DRAWN - RAH	REVISED -
PLOT DATE : 4/6/2013	DATE - 3/29/2013		REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS & PAVEMENT STRUCTURE DETAILS
 KANKAKEE RIVER STATE PARK

SCALE: N.T.S. SHEET 3 OF 7 SHEETS STA. TO STA.

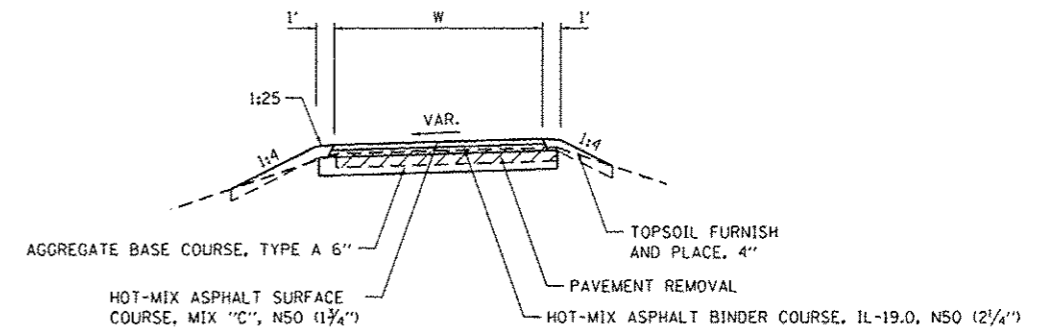
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	14
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



ENTRANCE - TYPICAL #1

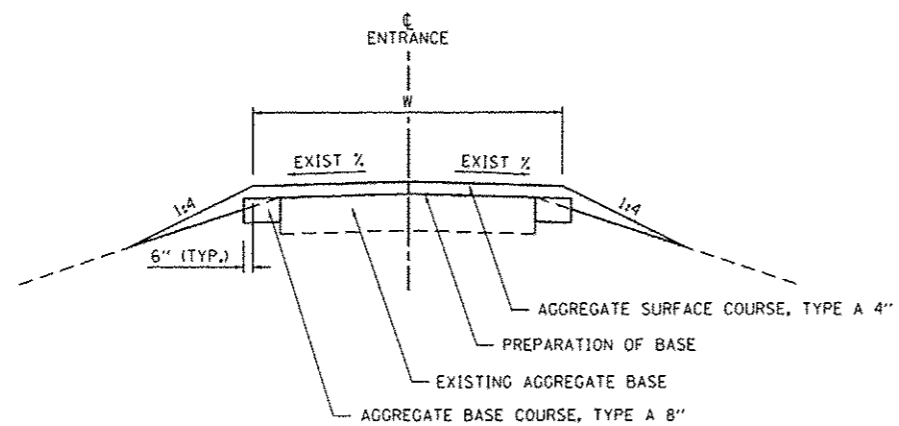
- AREA A: STA. 2+72.29 TO STA. 3+27.73
- AREA B: STA. 2+56.00 TO STA. 2+87.22
- AREA C: STA. 2+49.25 TO STA. 2+86.82
- LOWER CHIPPEWA BOAT ACCESS ROAD: STA. 22+42.30 TO STA. 22+72.30
- RIVERVIEW
- HORSE STABLE DRIVE: STA. 11+54.00 TO STA. 11+74.00
- ROCK CREEK: STA. 0+10.55 TO STA. 0+36.96
- DAVIS CREEK: STA. 18+05.00 TO STA. 18+55.16
- AREA 1: STA. 0+13.06 TO STA. 0+39.90
- AREA 2: STA. 0+13.12 TO STA. 0+44.00
- AREA 3: STA. 0+14.38 TO STA. 0+46.84
- AREA 4: STA. 0+13.00 TO STA. 0+48.00
- FISHING ACCESS SOUTH: STA. 0+18.20 TO STA. 0+42.44
- AREA 5: STA. 0+13.34 TO STA. 0+51.20
- AREA 6: STA. 0+13.41 TO STA. 0+53.46
- AREA 7: STA. 0+14.63 TO STA. 0+92.97
- AREA 8: STA. 0+13.26 TO STA. 0+57.58
- AREA 9: STA. 0+13.25 TO STA. 0+52.14
- AREA 10: STA. 0+13.23 TO STA. 0+37.47

• 3' AGGREGATE SHELF DOES NOT APPLY TO THESE ENTRANCES. SHELF SHALL BE PROVIDED ONLY ON ENTRANCES ALONG IL 102 AND IL 113.



TRAIL - TYPICAL

- AREA A
- AREA B
- AREA C
- CHIPPEWA CAMPGROUND
- LOWER CHIPPEWA BOAT ACCESS ROAD
- MAIN PARK ROAD

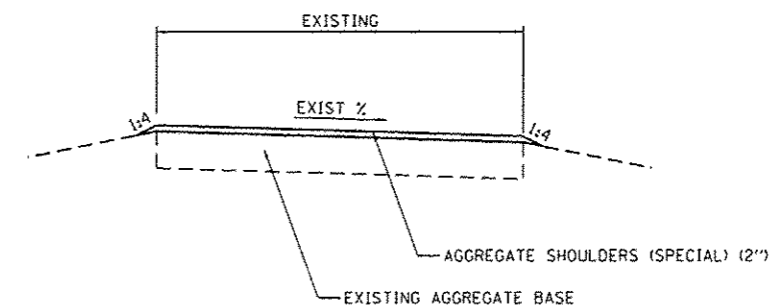


ENTRANCE - TYPICAL #2

- ROCK CREEK: STA. 0+36.96 TO STA. 0+59.95
- AREA 2: STA. 0+44.00 TO STA. 0+73.39
- AREA 5: STA. 0+51.20 TO STA. 0+87.13
- AREA 6: STA. 0+53.46 TO STA. 0+90.57
- AREA 8: STA. 0+57.58 TO STA. 0+93.97
- AREA 9: STA. 0+52.14 TO STA. 0+86.38

•• AGGREGATE SURFACE COURSE, TYPE A 6" AT THIS LOCATION

NOTE: 1. SEE PLAN SHEETS FOR ROADWAY WIDTHS



CAMPGROUND PADS - TYPICAL

- CHIPPEWA CAMPGROUND
- AREA 4 CAMPGROUND

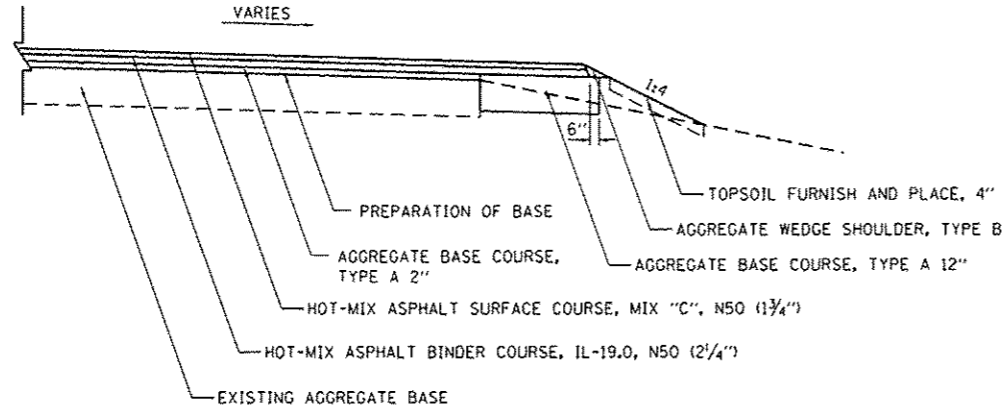
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		CHECKED - BJD	REVISED -
Sheet 4	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS & PAVEMENT STRUCTURE DETAILS
KANKAKEE RIVER STATE PARK

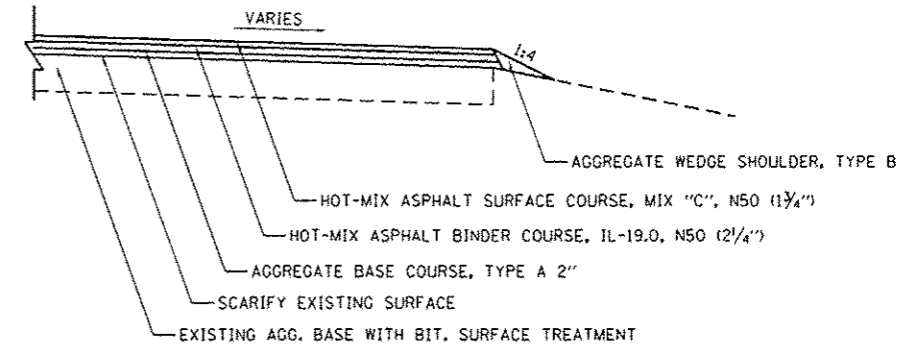
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	15
• WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



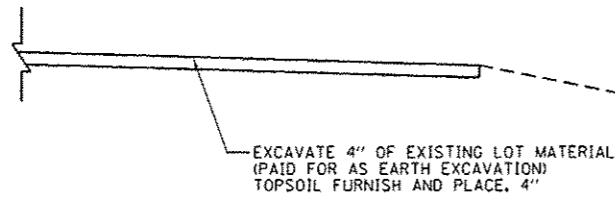
PARKING LOT - TYPICAL #1

- AREA A
- AREA B
- AREA C



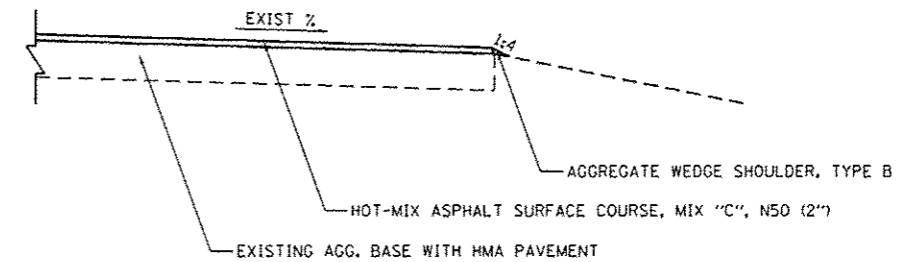
PARKING LOT - TYPICAL #3

- LOWER CHIPPEWA BOAT ACCESS PARKING WEST
- FISHERMAN PARKING



PARKING LOT - TYPICAL #2

- AREA A
- AREA B
- AREA C
- LOWER CHIPPEWA BOAT ACCESS PARKING EAST
- DAVIS CREEK
- AREA 9



PARKING LOT - TYPICAL #4

- CHIPPEWA CAMPGROUND ENTRANCE PARKING
- CONCESSION
- SHAG BARK & CEDAR GROVE
- OAK GROVE
- MAIN PARK OFFICE
- RIVER BIRCH WEST
- RIVER BIRCH EAST
- WHITE PINE
- RIVERVIEW
- SILVER POPLAR
- HEDGE APPLE
- WALNUT
- NORTH LOOP
- AREAS 9 & 10 BOAT ACCESS PARKING

NOTE: 1. SEE GRADING AND STAKING PLANS WHERE APPLICABLE FOR ADDITIONAL DETAILS

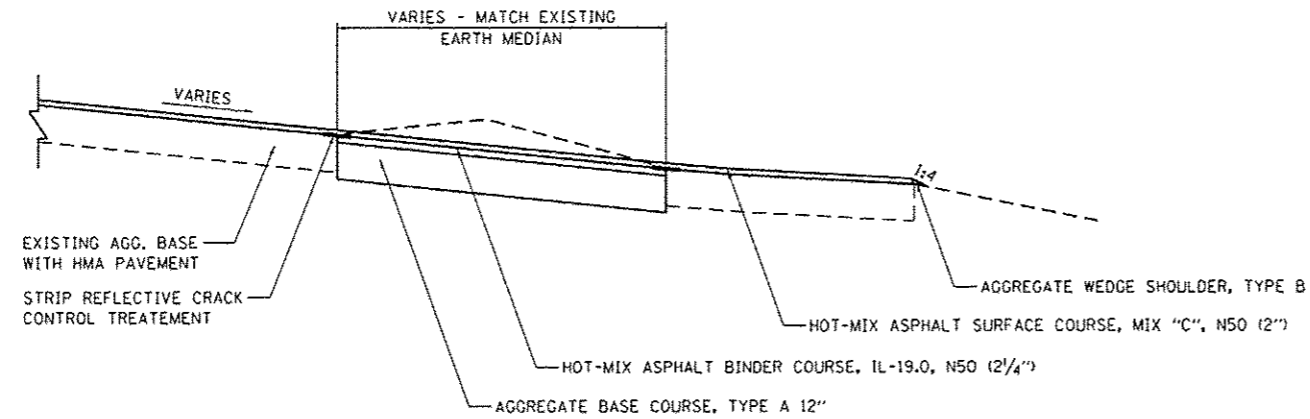
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	PLOT SCALE = 10.0000' / 1"	CHECKED - BJD	REVISED -
Sheet 5	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

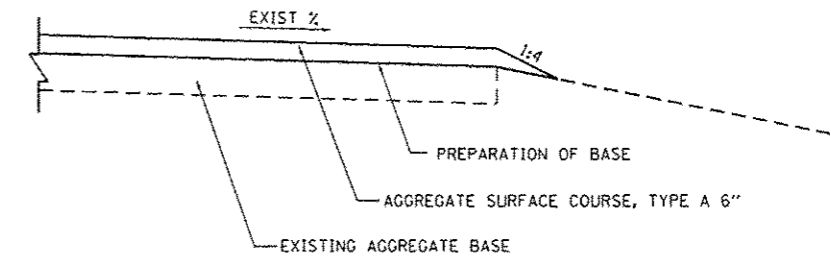
TYPICAL SECTIONS & PAVEMENT STRUCTURE DETAILS
KANKAKEE RIVER STATE PARK

SCALE: N.T.S. SHEET 5 OF 7 SHEETS STA. TO STA.

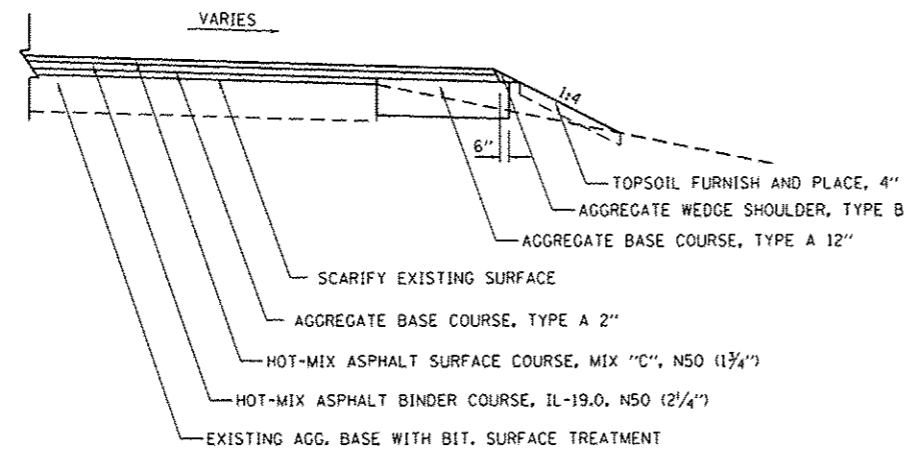
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	16
* WILL & KANKAKEE			CONTRACT NO. 46251	
[ILLINOIS] FED. AID PROJECT				



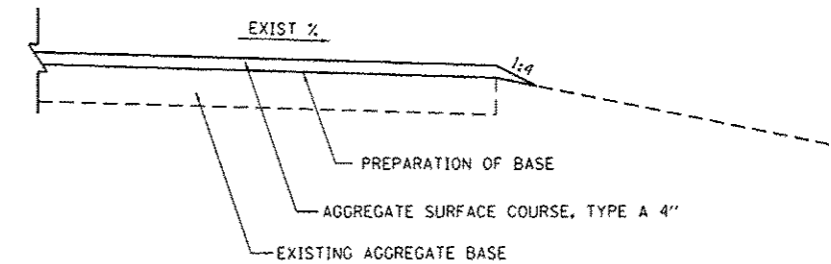
PARKING LOT - TYPICAL #5
MAIN PARK OFFICE



PARKING LOT - TYPICAL #7
ROCK CREEK



PARKING LOT - TYPICAL #6
HORSE STABLE PARKING
DAVIS CREEK PARKING *



PARKING LOT - TYPICAL #8

- AREA 1
- AREA 2
- AREA 3
- AREA 4
- FISHING ACCESS SOUTH **
- AREA 5
- AREA 6
- AREA 7 PARKING
- AREA 8
- AREA 9
- AREA 10

** DEPTH OF AGGREGATE SURFACE COURSE VARIES. AGGREGATE EXCEEDING 4" DEPTH SHALL BE PAID FOR AS AGGREGATE SURFACE COURSE, TYPE A (TON).

* DEPTH OF AGGREGATE BASE COURSE VARIES. AGGREGATE EXCEEDING 2" DEPTH SHALL BE PAID FOR AS AGGREGATE BASE COURSE, TYPE A (TON).

NOTE: 1. SEE GRADING AND STAKING PLANS WHERE APPLICABLE FOR ADDITIONAL DETAILS

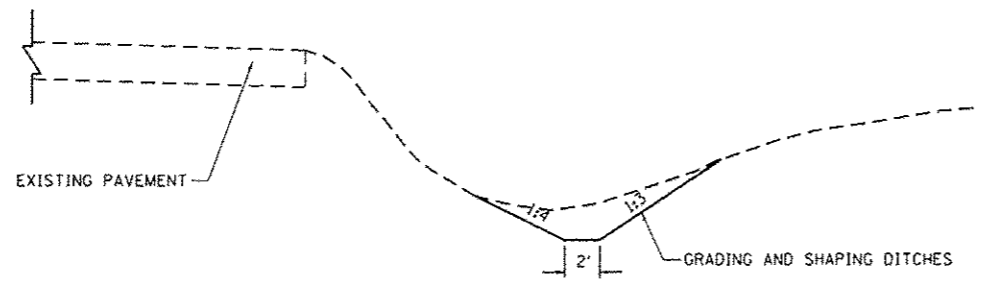
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	PLOT SCALE = 10.0000' / 1"	CHECKED - BJD	REVISED -
Sheet 6	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS & PAVEMENT STRUCTURE DETAILS
KANKAKEE RIVER STATE PARK

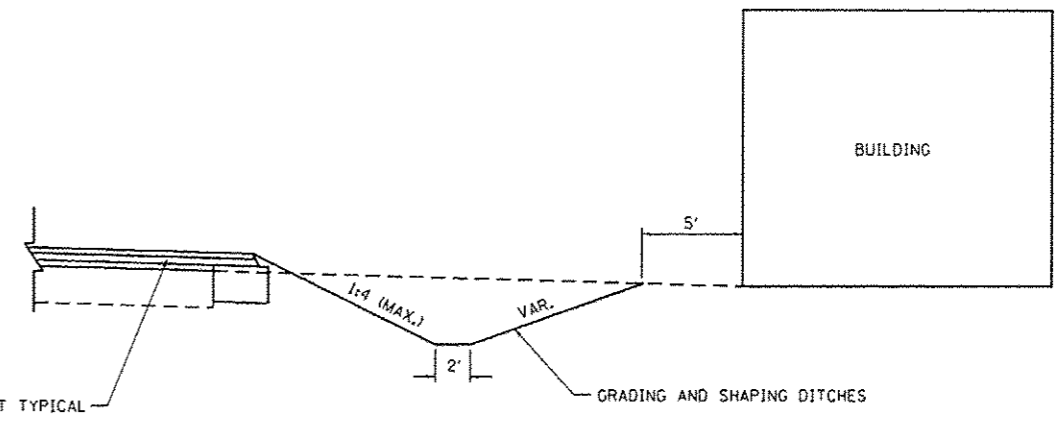
SCALE: N.T.S. SHEET 6 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	17
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



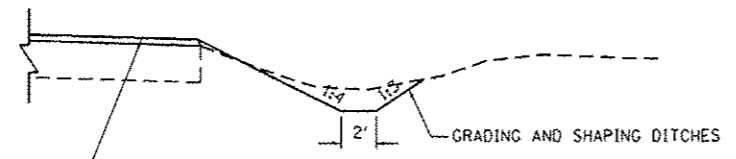
DITCH - TYPICAL #1

- AREA A ENTRANCE
- AREA B ENTRANCE
- AREA C ENTRANCE
- CHIPPEWA CAMPGROUND ENTRANCE
- LOWER CHIPPEWA BOAT ACCESS ENTRANCE
- HORSE STABLE ENTRANCE
- ROCK CREEK ENTRANCE
- DAVIS CREEK ENTRANCE
- AREA 1 ENTRANCE
- AREA 2 ENTRANCE
- AREA 3 ENTRANCE
- AREA 6 ENTRANCE
- AREA 8 ENTRANCE
- AREA 9 ENTRANCE
- AREA 9 AND 10 BOAT ACCESS ROAD ENTRANCE



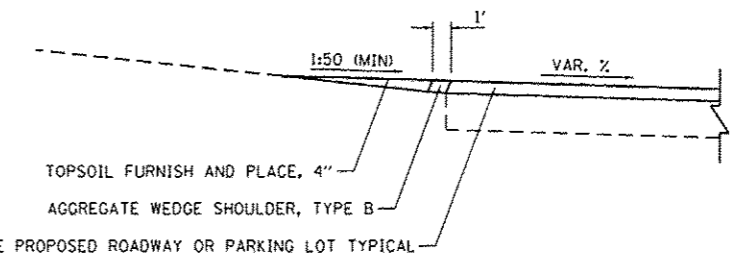
DITCH - TYPICAL #3

HORSE STABLE PARKING



DITCH - TYPICAL #2

- LOWER CHIPPEWA BOAT ACCESS ROAD CONCESSION
- MAIN PARK ROAD
- AREA 7



POSITIVE DRAINAGE - TYPICAL #1

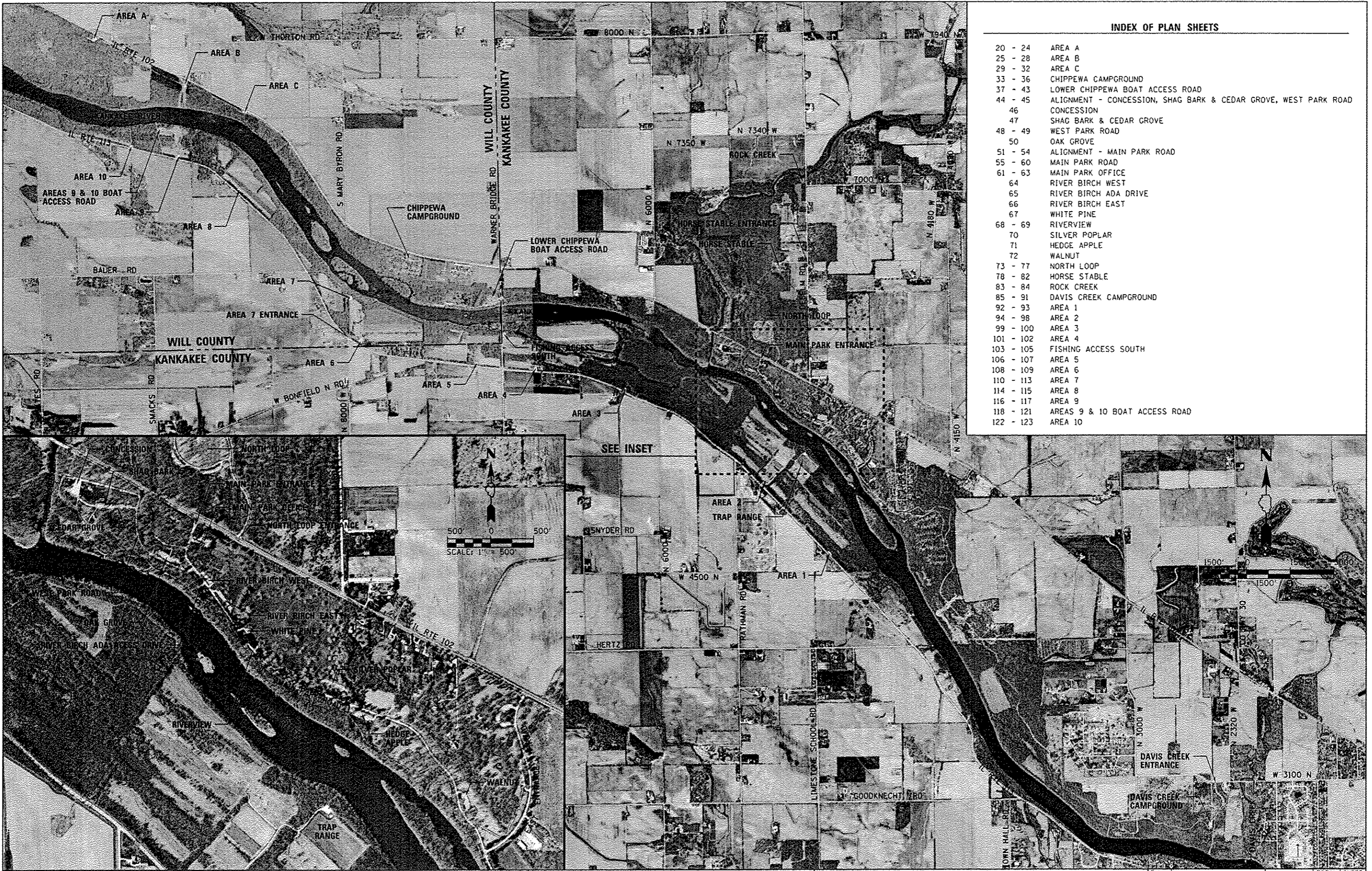
- AREA A
- CHIPPEWA CAMPGROUND
- FISHERMAN PARKING
- SHAG BARK
- OAK GROVE
- MAIN PARK OFFICE
- RIVER BIRCH EAST
- AREA 4

NOTE: SEE PLAN SHEETS FOR DITCH LIMITS AND DETAILS

FILE NAME # L:\IDOT\1186610\W0.15\Draw\CADD_Sheets\46251-shs-typicals.dgn Sheet 7	USER NAME : Brad Downan	DESIGNED - MJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS & PAVEMENT STRUCTURE DETAILS KANKAKEE RIVER STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 10.0000' / in.	CHECKED - BJD	REVISED -					PARK ROADS	*	140	18	
	PLOT DATE * 4/6/2013	DATE - 3/29/2013	REVISED -		* WILL & KANKAKEE		CONTRACT NO. 46251		ILLINOIS FED. AID PROJECT			
					SCALE: N.T.S.	SHEET 7 OF 7 SHEETS	STA.	TO STA.				

INDEX OF PLAN SHEETS

20 - 24	AREA A
25 - 28	AREA B
29 - 32	AREA C
33 - 36	CHIPPEWA CAMPGROUND
37 - 43	LOWER CHIPPEWA BOAT ACCESS ROAD
44 - 45	ALIGNMENT - CONCESSION, SHAG BARK & CEDAR GROVE, WEST PARK ROAD
46	CONCESSION
47	SHAG BARK & CEDAR GROVE
48 - 49	WEST PARK ROAD
50	OAK GROVE
51 - 54	ALIGNMENT - MAIN PARK ROAD
55 - 60	MAIN PARK ROAD
61 - 63	MAIN PARK OFFICE
64	RIVER BIRCH WEST
65	RIVER BIRCH ADA DRIVE
66	RIVER BIRCH EAST
67	WHITE PINE
68 - 69	RIVERVIEW
70	SILVER POPLAR
71	HEDGE APPLE
72	WALNUT
73 - 77	NORTH LOOP
78 - 82	HORSE STABLE
83 - 84	ROCK CREEK
85 - 91	DAVIS CREEK CAMPGROUND
92 - 93	AREA 1
94 - 98	AREA 2
99 - 100	AREA 3
101 - 102	AREA 4
103 - 105	FISHING ACCESS SOUTH
106 - 107	AREA 5
108 - 109	AREA 6
110 - 113	AREA 7
114 - 115	AREA 8
116 - 117	AREA 9
118 - 121	AREAS 9 & 10 BOAT ACCESS ROAD
122 - 123	AREA 10



FILE NAME :	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -
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	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -

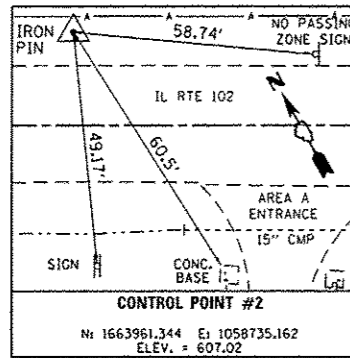
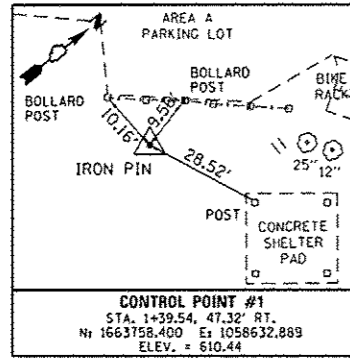
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE PLAN AND INDEX OF PLAN SHEETS
KANKAKEE RIVER STATE PARK**

SCALE: AS NOTED SHEET 1 OF 1 SHEETS STA. TO STA.

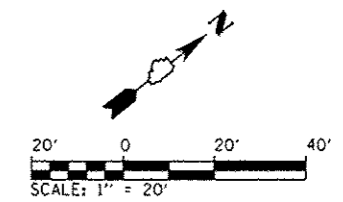
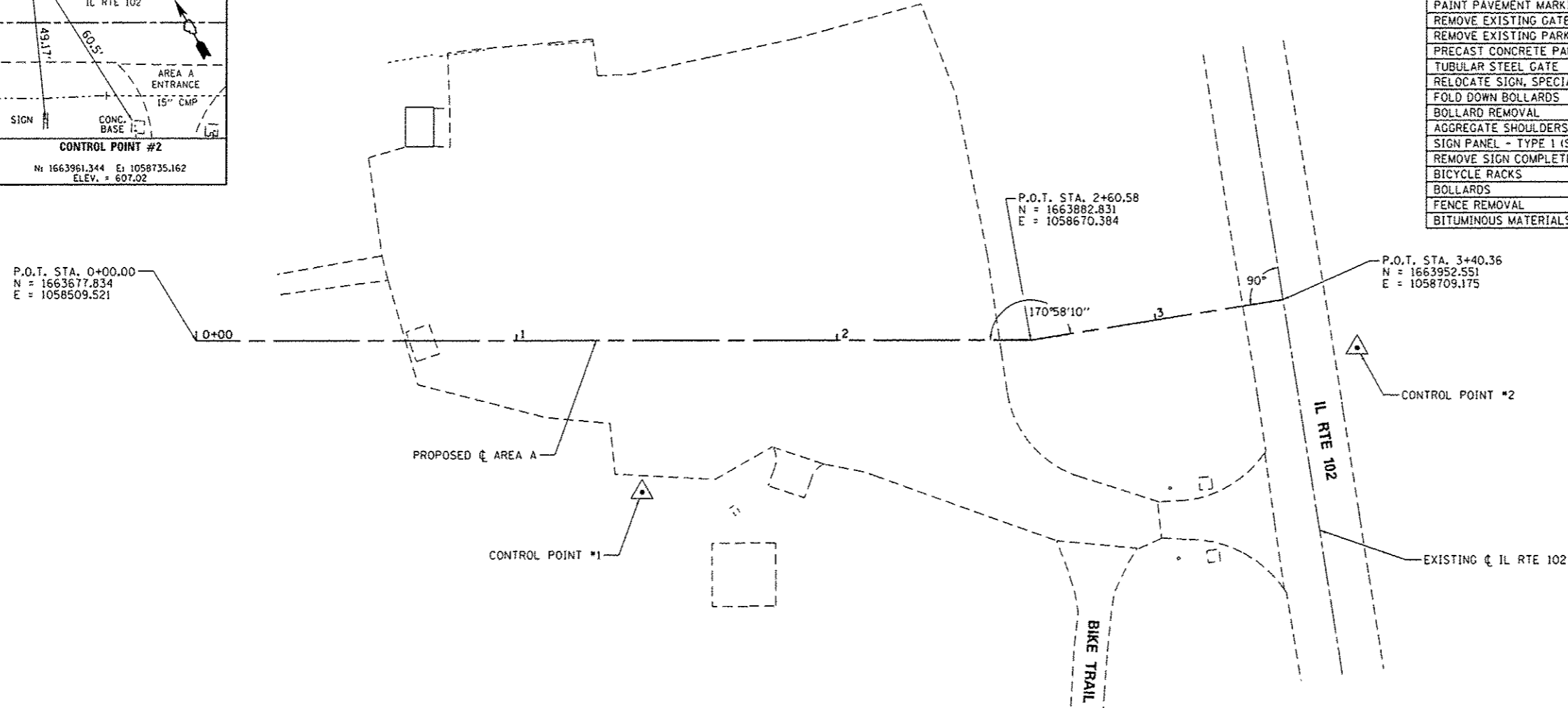
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	19
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				

CONTROL POINTS

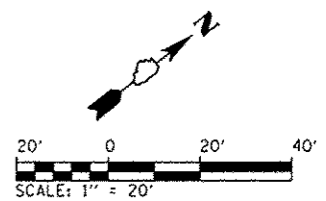
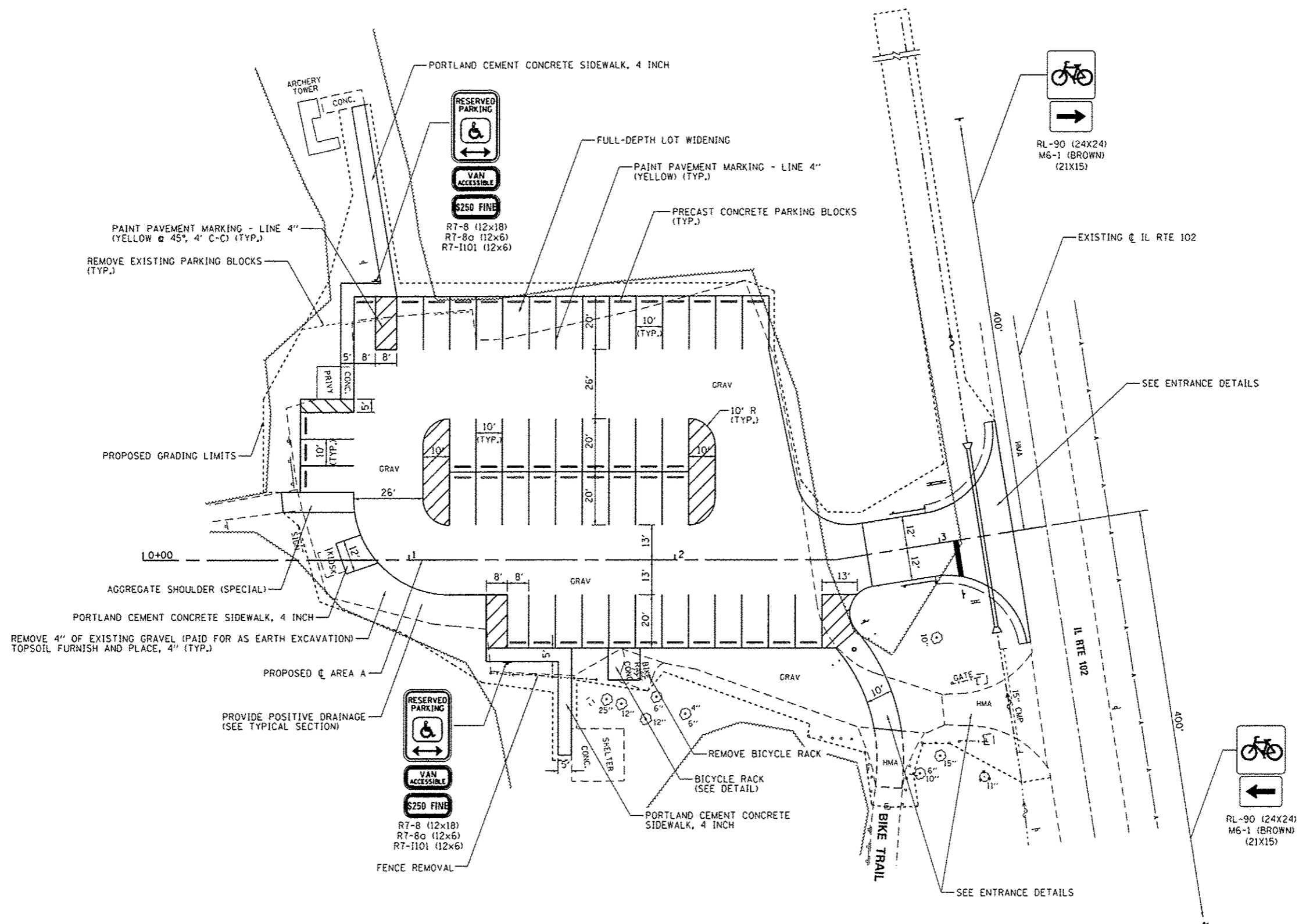


BILL OF MATERIALS - AREA A

ITEM	UNIT	TOTAL
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	510
TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	216
EARTH EXCAVATION	CU YD	246
FURNISHED EXCAVATION	CU YD	20
TRENCH BACKFILL	CU YD	4.7
TOPSOIL FURNISH AND PLACE, 4"	SO YD	1,134
GRADING AND SHAPING DITCHES	FOOT	255
AGGREGATE BASE COURSE, TYPE A 2"	SO YD	2,253
AGGREGATE BASE COURSE, TYPE A 6"	SO YD	47
AGGREGATE BASE COURSE, TYPE A 12"	SO YD	434
PREPARATION OF BASE	SO YD	2,240
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	366.6
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	266.9
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	1,101
PAVEMENT REMOVAL	SO YD	92
SIDEWALK REMOVAL	SO FT	59
AGGREGATE WEDGE SHOULDER, TYPE B	TON	52.3
PIPE CULVERT REMOVAL	FOOT	40
PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	68
END SECTIONS 15"	EACH	2
SIGN PANEL - TYPE 1	SO FT	26
WOOD SIGN SUPPORT	FOOT	114
PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,726
PAINT PAVEMENT MARKING - LINE 24"	FOOT	14
REMOVE EXISTING GATE	EACH	1
REMOVE EXISTING PARKING BLOCKS	EACH	3
PRECAST CONCRETE PARKING BLOCK	EACH	48
TUBULAR STEEL GATE	EACH	1
RELOCATE SIGN, SPECIAL	EACH	1
FOLD DOWN BOLLARDS	EACH	1
BOLLARD REMOVAL	EACH	19
AGGREGATE SHOULDERS (SPECIAL)	TON	7.6
SIGN PANEL - TYPE 1 (SPECIAL)	SO FT	6
REMOVE SIGN COMPLETE	EACH	1
BICYCLE RACKS	EACH	1
BOLLARDS	EACH	4
FENCE REMOVAL	FOOT	40
BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,742



FILE NAME = L:\1007\11866\B\WD-15\ND-av\CAD\00_Sheets\46251-shr-AreaA-2011\alignm.dgn	USER NAME = Brad Downen	DESIGNED - MJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT AND BILL OF MATERIALS - AREA A KANKAKEE RIVER STATE PARK		P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000 / 1"	DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 5 SHEETS	STA.	TO STA.	WILL & KANKAKEE	140	20
	PLOT DATE = 4/6/2013	CHECKED - BJD	REVISED -								
		DATE - 3/29/2013	REVISED -								
											CONTRACT NO. 46251
											[ILLINOIS] FED. AID PROJECT



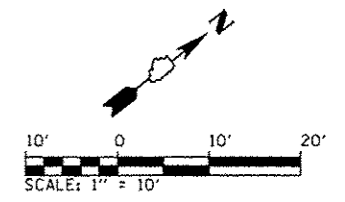
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Default	PLOT SCALE : 40.0000 / 1 in.	CHECKED - BJD	REVISED -
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITE PLAN - AREA A
KANKAKEE RIVER STATE PARK

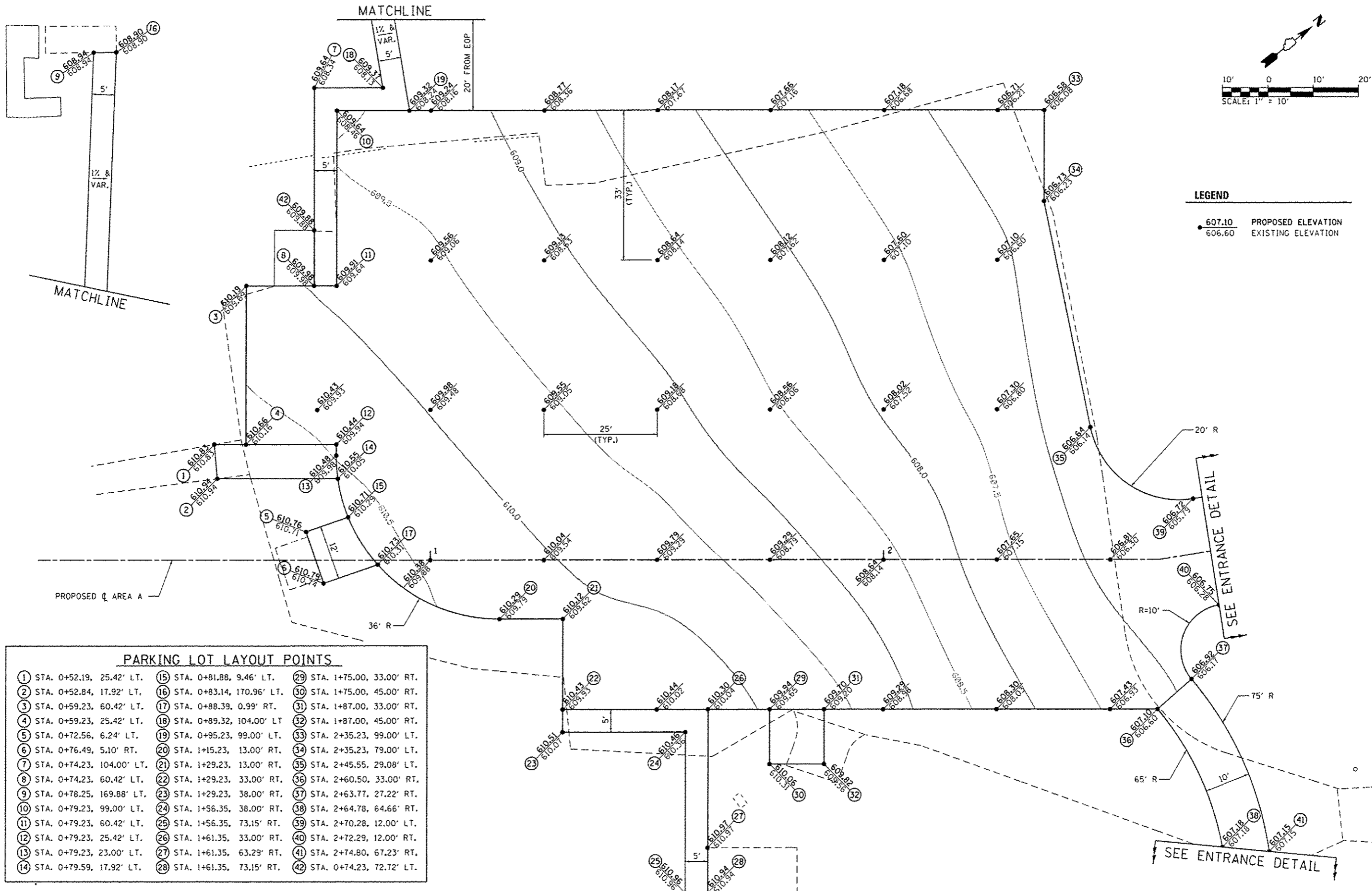
SCALE: 1" = 20' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	21
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



LEGEND

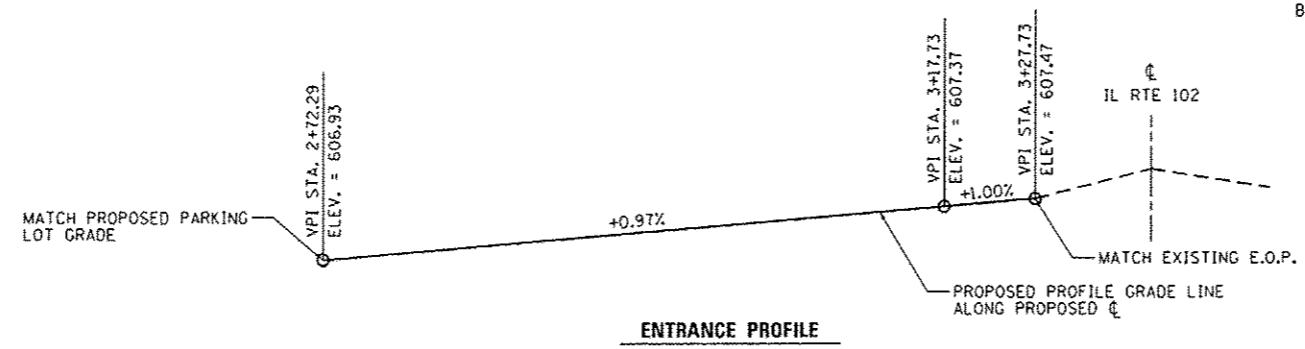
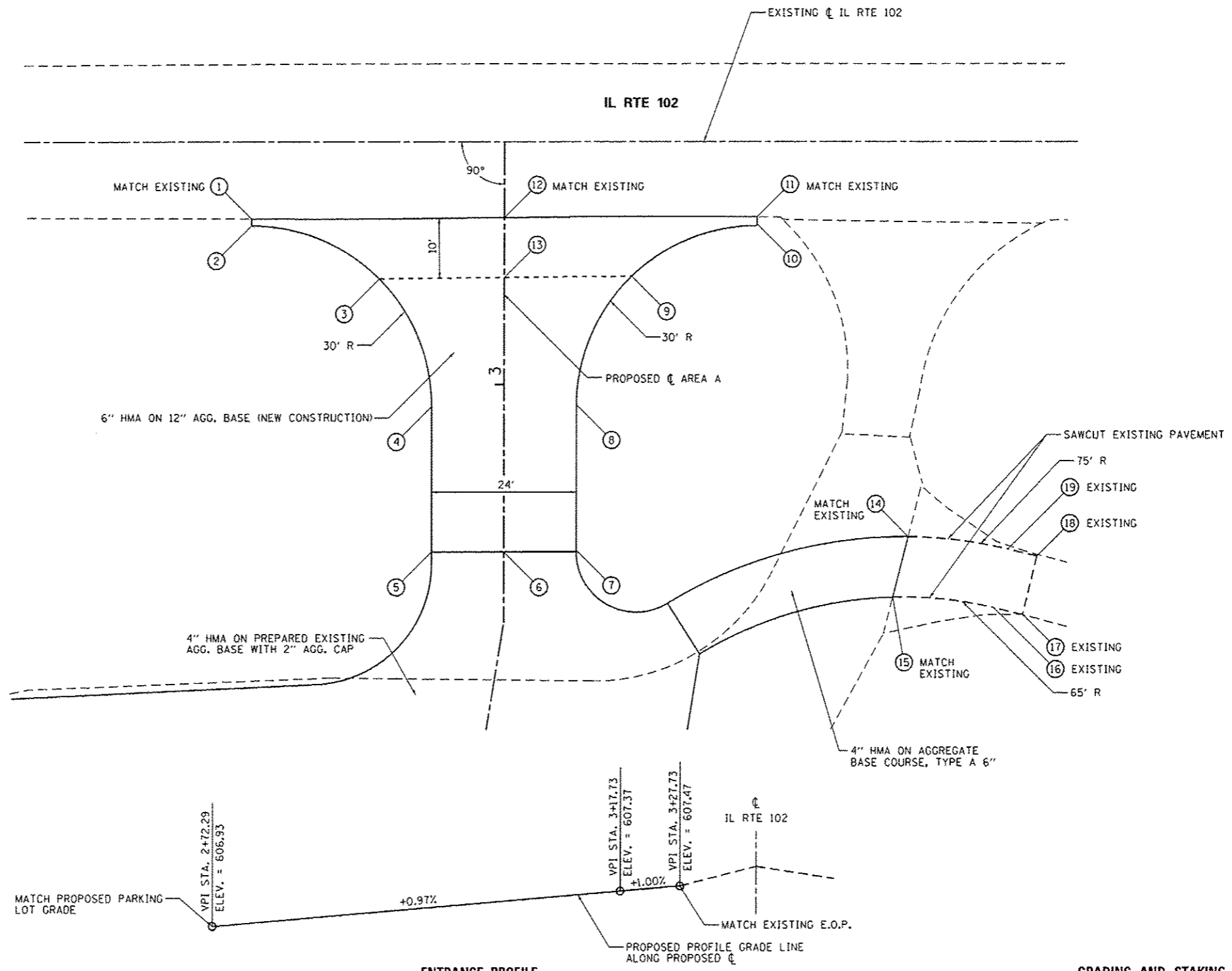
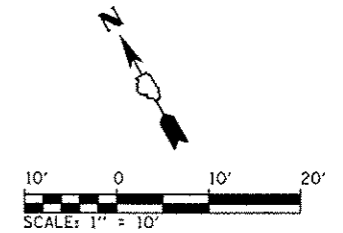
● 607.10	PROPOSED ELEVATION
○ 606.60	EXISTING ELEVATION



PARKING LOT LAYOUT POINTS

1 STA. 0+52.19, 25.42' LT.	15 STA. 0+81.88, 9.46' LT.	29 STA. 1+75.00, 33.00' RT.
2 STA. 0+52.84, 17.92' LT.	16 STA. 0+83.14, 170.96' LT.	30 STA. 1+75.00, 45.00' RT.
3 STA. 0+59.23, 60.42' LT.	17 STA. 0+88.39, 0.99' RT.	31 STA. 1+87.00, 33.00' RT.
4 STA. 0+59.23, 25.42' LT.	18 STA. 0+89.32, 104.00' LT.	32 STA. 1+87.00, 45.00' RT.
5 STA. 0+72.56, 6.24' LT.	19 STA. 0+95.23, 99.00' LT.	33 STA. 2+35.23, 99.00' LT.
6 STA. 0+76.49, 5.10' RT.	20 STA. 1+15.23, 13.00' RT.	34 STA. 2+35.23, 79.00' LT.
7 STA. 0+74.23, 104.00' LT.	21 STA. 1+29.23, 13.00' RT.	35 STA. 2+45.55, 29.08' LT.
8 STA. 0+74.23, 60.42' LT.	22 STA. 1+29.23, 33.00' RT.	36 STA. 2+60.50, 33.00' RT.
9 STA. 0+78.25, 169.88' LT.	23 STA. 1+29.23, 38.00' RT.	37 STA. 2+63.77, 27.22' RT.
10 STA. 0+79.23, 99.00' LT.	24 STA. 1+56.35, 38.00' RT.	38 STA. 2+64.78, 64.66' RT.
11 STA. 0+79.23, 60.42' LT.	25 STA. 1+56.35, 73.15' RT.	39 STA. 2+70.28, 12.00' LT.
12 STA. 0+79.23, 25.42' LT.	26 STA. 1+61.35, 33.00' RT.	40 STA. 2+72.29, 12.00' RT.
13 STA. 0+79.23, 23.00' LT.	27 STA. 1+61.35, 63.29' RT.	41 STA. 2+74.80, 67.23' RT.
14 STA. 0+79.59, 17.92' LT.	28 STA. 1+61.35, 73.15' RT.	42 STA. 0+74.23, 72.72' LT.

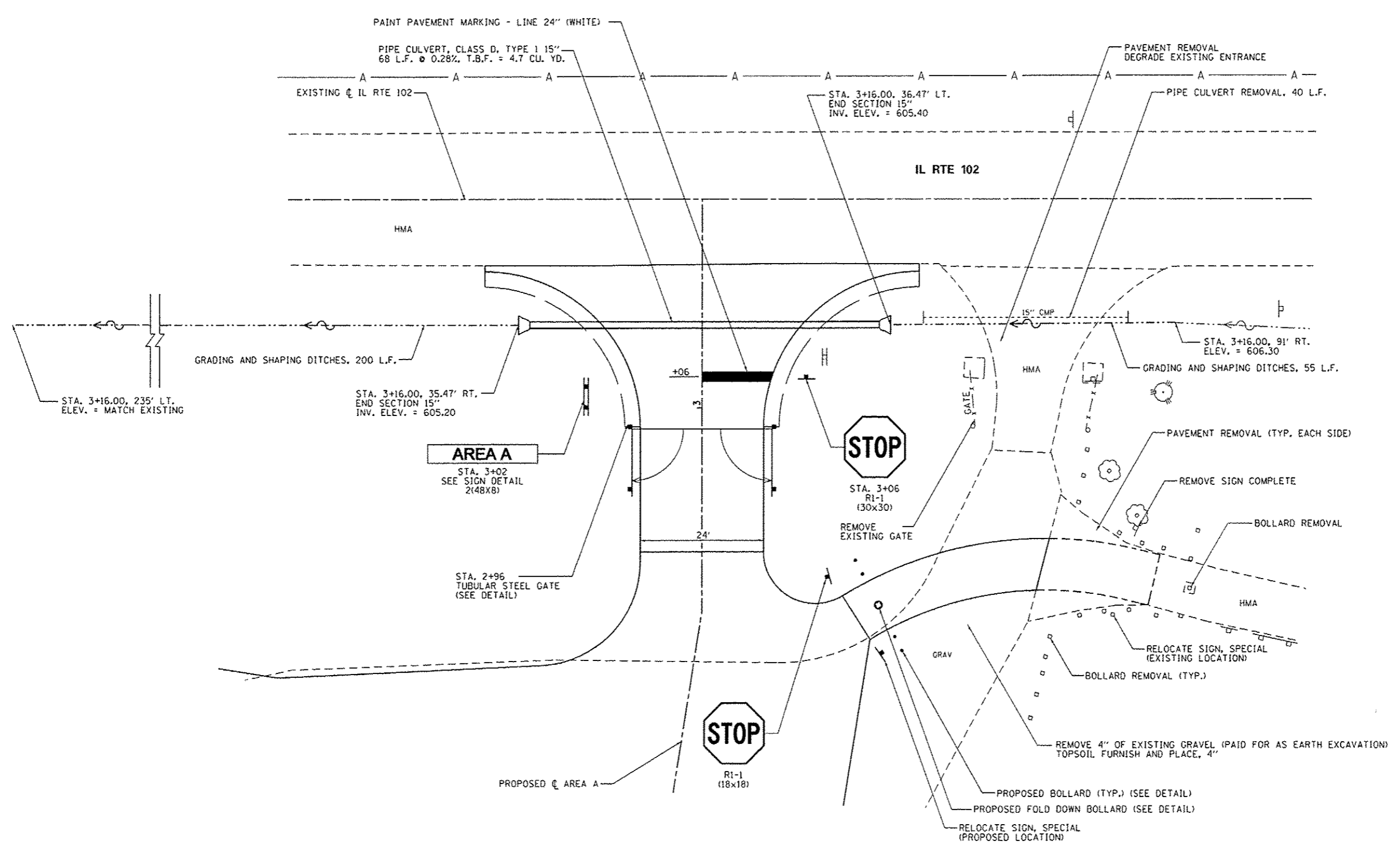
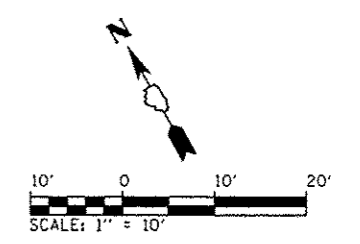
POINT NUMBER	STATION	OFFSET	ELEVATION
1	3+27.52	42.00' LT	607.24
2	3+26.36	42.00' LT	607.23
3	3+17.53	20.74' LT	607.22
4	2+96.36	12.00' LT	606.99
5	2+72.29	12.00' LT	606.75
6	2+72.29	0	606.93
7	2+72.29	12.00' RT	606.75
8	2+96.36	12.00' RT	607.13
9	3+17.94	21.16' RT	607.52
10	3+26.36	42.00' RT	607.72
11	3+27.81	42.00' RT	607.73
12	3+27.73	0	607.47
13	3+17.73	0	607.37
14	2+74.80	67.23' RT	607.15
15	2+64.78	64.66' RT	607.18
16	2+63.03	81.48' RT	607.74
17	2+61.88	86.27' RT	607.90
18	2+71.61	88.60' RT	607.78
19	2+72.75	83.80' RT	607.64



ENTRANCE PROFILE

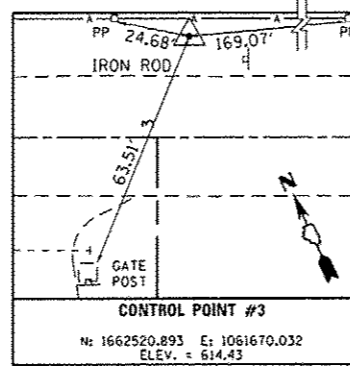
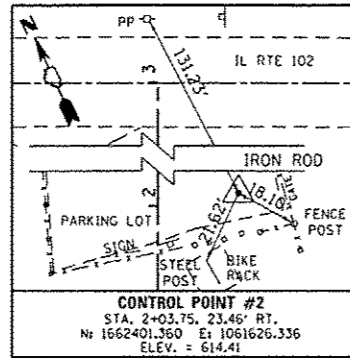
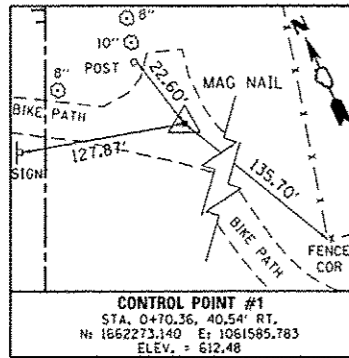
GRADING AND STAKING PLAN

FILE NAME: L:\1007\1106610\10.15\10\10\CADD_Sheets\46251-shl-AreaA-004-EntranceDetails001.dgn	USER NAME: Brad Do-nen	DESIGNED: MJO	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAILS - AREA A KANKAKEE RIVER STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE: 20.0000' / in.		DRAWN: RAH	REVISED:		SCALE: 1" = 10'	SHEET 4 OF 5 SHEETS	STA.	TO STA.	PARK ROADS	*	140	23
PLOT DATE: 4/6/2013		CHECKED: BJD	REVISED:					* WILL & KANKAKEE		CONTRACT NO. 46251		
		DATE: 3/29/2013	REVISED:					ILLINOIS FED. AID PROJECT				



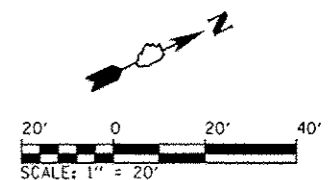
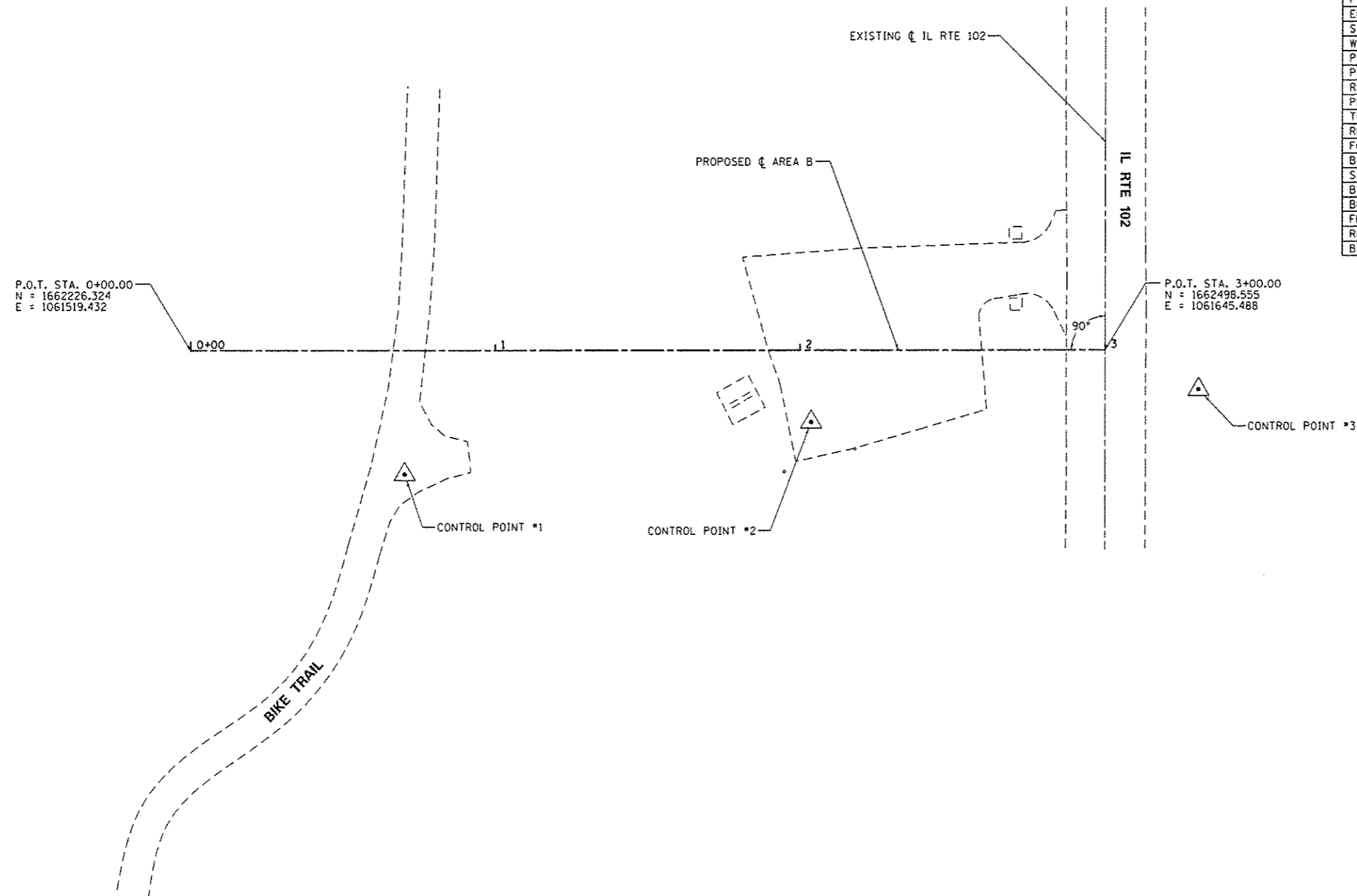
CONSTRUCTION DETAILS

FILE NAME : L:\100\1186618\1015\Draw\CADD_Sheets\046251-sh1-AreaA-20EntranceDetail1802.dgn Default	USER NAME : Brad Downan 46251-sh1-AreaA-20EntranceDetail1802.dgn	DESIGNED - MJO DRAWN - RAH	REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAILS - AREA A KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION PARK ROADS	COUNTY •	TOTAL SHEETS 140	SHEET NO. 24
	PLOT SCALE : 20.0000 ' / in.	CHECKED - BJD DATE - 3/29/2013	REVISED - REVISED -			SCALE: 1" = 10' SHEET 5 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 46251 ILLINOIS FED. AID PROJECT		
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -			TO STA.				

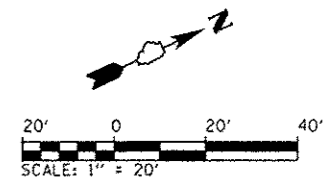
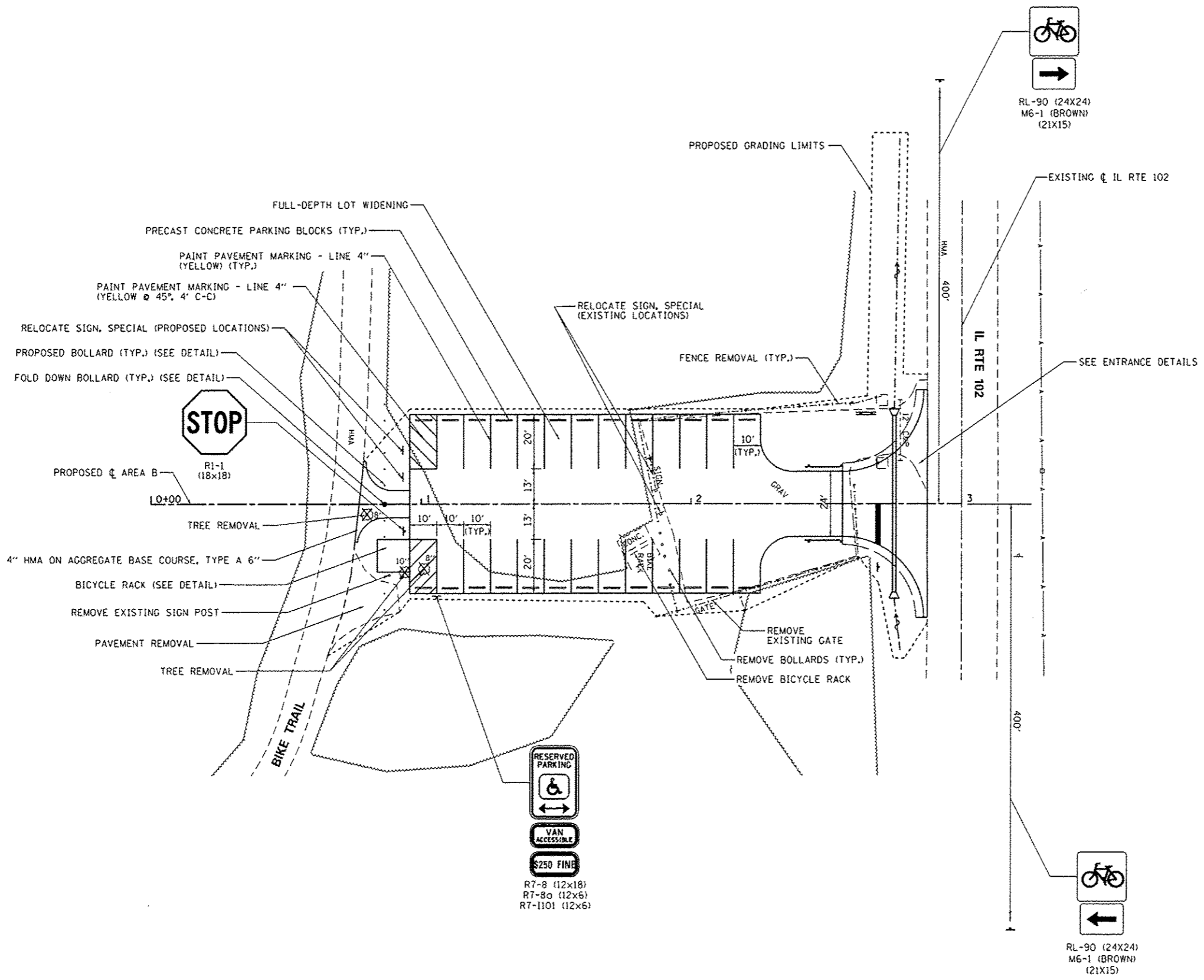


BILL OF MATERIALS - AREA B

ITEM	UNIT	TOTAL
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	131
TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	460
EARTH EXCAVATION	CU YD	300
FURNISHED EXCAVATION	CU YD	38
TRENCH BACKFILL	CU YD	4.6
TOPSOIL FURNISH AND PLACE, 4"	SO YD	365
GRADING AND SHAPING DITCHES	FOOT	120
AGGREGATE BASE COURSE, TYPE A 2"	SO YD	350
AGGREGATE BASE COURSE, TYPE A 6"	SO YD	32
AGGREGATE BASE COURSE, TYPE A 12"	SO YD	871
PREPARATION OF BASE	SO YD	346
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	170.2
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	120.2
PAVEMENT REMOVAL	SO YD	41
AGGREGATE WEDGE SHOULDER, TYPE B	TON	27.1
PIPE CULVERT REMOVAL	FOOT	23
PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	66
END SECTIONS 15"	EACH	2
SIGN PANEL - TYPE 1	SO FT	24
WOOD SIGN SUPPORT	FOOT	99
PAINT PAVEMENT MARKING - LINE 4"	FOOT	671
PAINT PAVEMENT MARKING - LINE 24"	FOOT	15
REMOVE EXISTING GATE	EACH	2
PRECAST CONCRETE PARKING BLOCK	EACH	26
TUBULAR STEEL GATE	EACH	1
RELOCATE SIGN, SPECIAL	EACH	2
FOLD DOWN BOLLARDS	EACH	1
BOLLARD REMOVAL	EACH	4
SIGN PANEL - TYPE 1 (SPECIAL)	SO FT	6
BICYCLE RACKS	EACH	1
BOLLARDS	EACH	11
FENCE REMOVAL	FOOT	195
REMOVE EXISTING SIGN POST	EACH	1
BITUMINOUS MATERIALS (PRIME COAT)	POUND	3,034



FILE NAME L:\1001\1186GIB\10.15\0-CA00-Sheets\0	USER NAME Brad Downen	DESIGNED - MJU	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT AND BILL OF MATERIALS - AREA B KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	46251-shr-draw-BB1Alignment.dgn	DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 4 SHEETS	STA.	TO STA.	PARK ROADS		140	25
	PLOT SCALE = 40.0000' / in.	CHECKED - BJD	REVISED -						• WILL & KANKAKEE	CONTRACT NO. 46251		
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -						ILLINOIS FED. AID PROJECT			



FILE NAME :	USER NAME : Brad Danner	DESIGNED - MJD	REVISED -
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	PLDT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

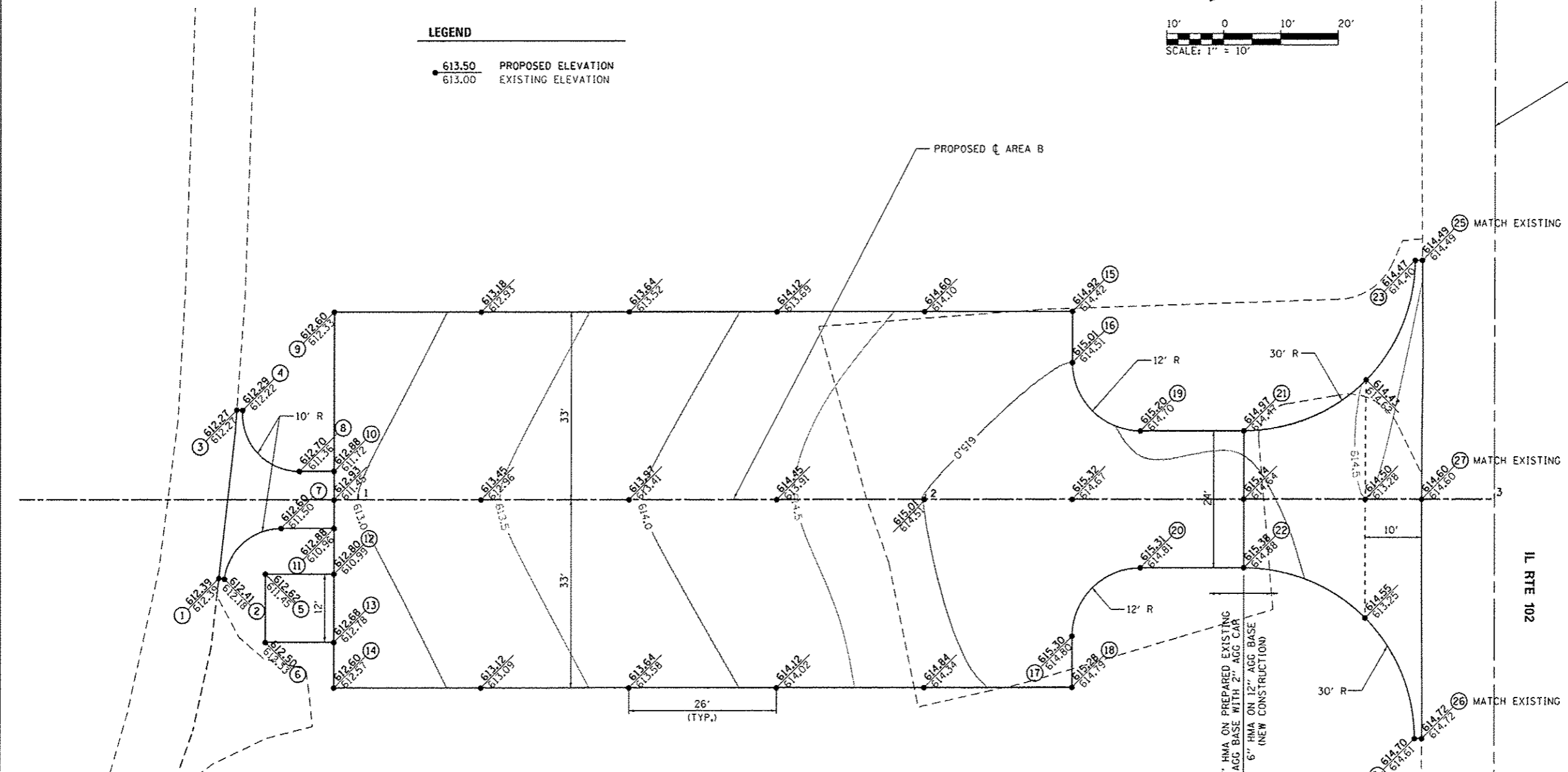
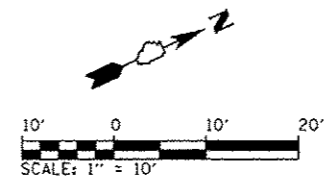
**SITE PLAN - AREA B
KANKAKEE RIVER STATE PARK**

SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. TO STA.

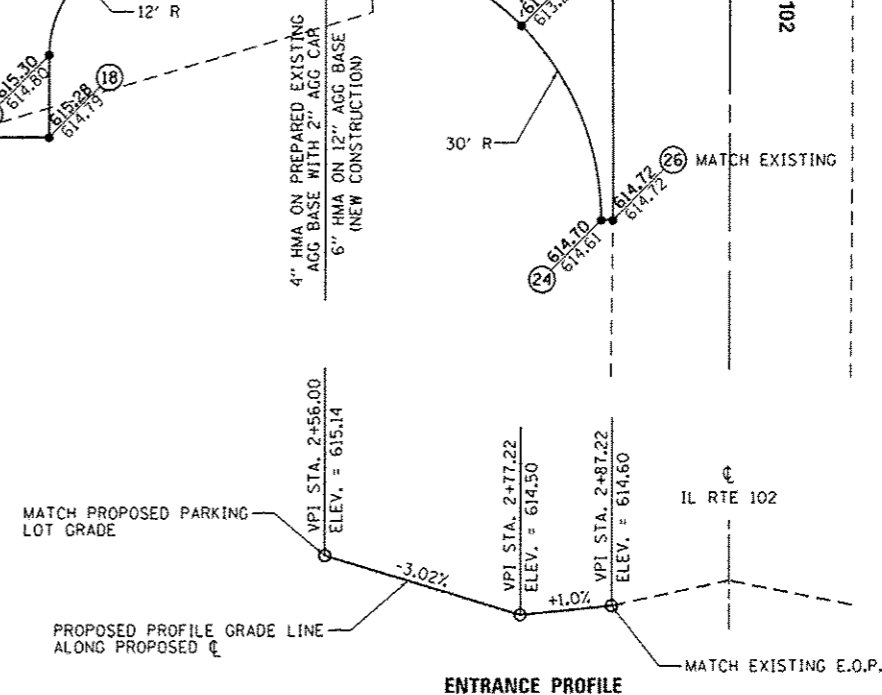
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	26
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				

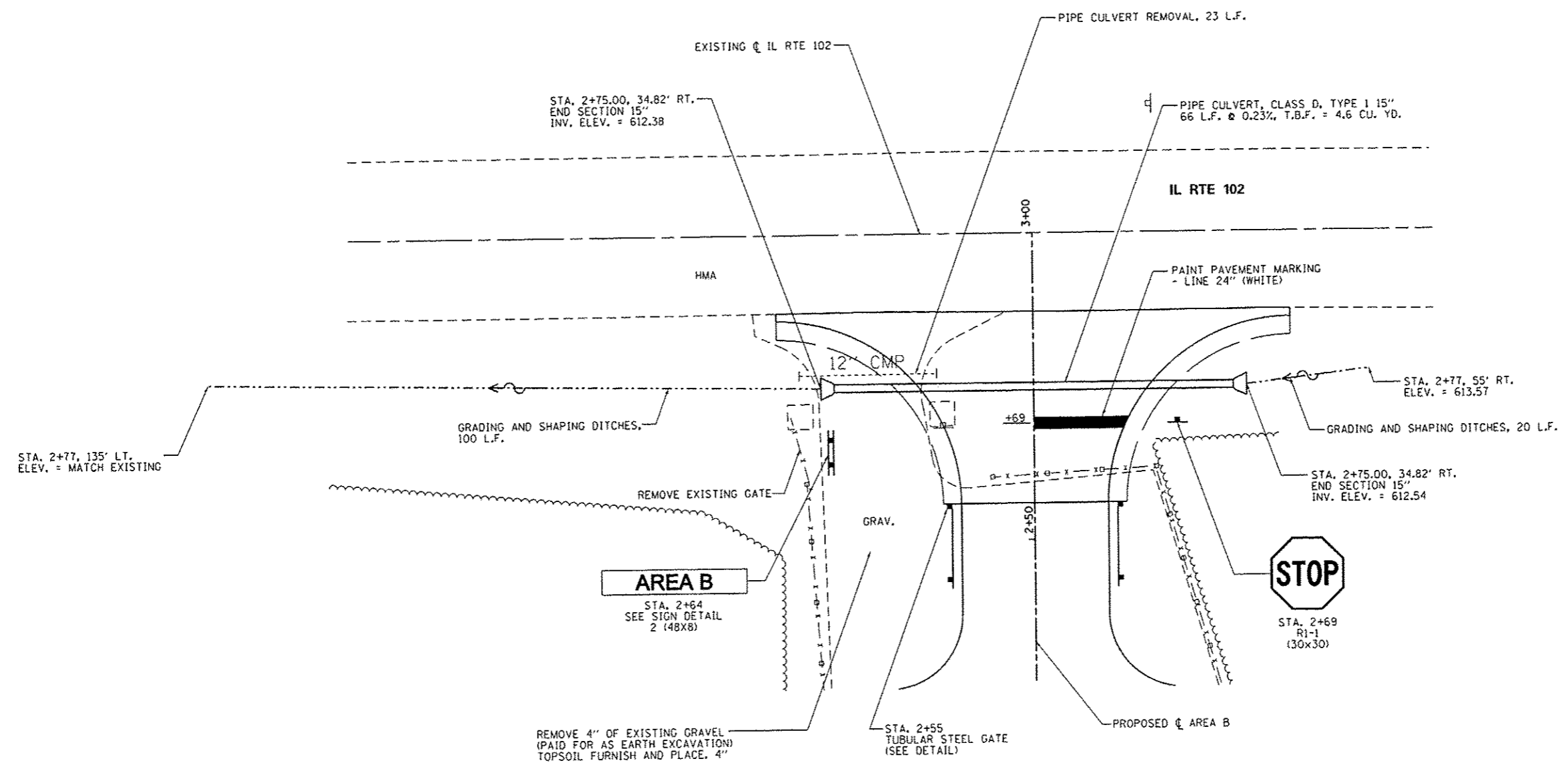
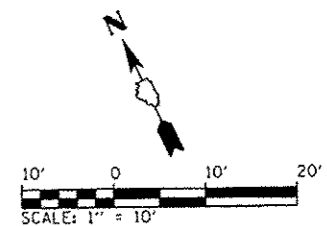
LEGEND

● 613.50 PROPOSED ELEVATION
 ○ 613.00 EXISTING ELEVATION



PARKING LOT LAYOUT POINTS		
① STA. 0+75.57, 13.77' RT.	⑩ STA. 0+95.78, 5.00' LT.	⑲ STA. 2+37.78, 12.00' LT.
② STA. 0+76.57, 13.89' RT.	⑪ STA. 0+95.78, 5.00' RT.	⑳ STA. 2+37.78, 12.00' RT.
③ STA. 0+78.73, 15.76' LT.	⑫ STA. 0+95.78, 13.00' RT.	㉑ STA. 2+56.00, 12.00' LT.
④ STA. 0+79.73, 15.69' LT.	⑬ STA. 0+95.78, 25.00' RT.	㉒ STA. 2+56.00, 12.00' RT.
⑤ STA. 0+83.78, 13.00' RT.	⑭ STA. 0+95.78, 33.00' RT.	㉓ STA. 2+86.00, 42.00' LT.
⑥ STA. 0+83.78, 25.00' RT.	⑮ STA. 2+25.78, 33.00' LT.	㉔ STA. 2+86.00, 42.00' RT.
⑦ STA. 0+86.50, 5.00' RT.	⑯ STA. 2+25.78, 24.00' LT.	㉕ STA. 2+87.28, 42.00' LT.
⑧ STA. 0+89.70, 5.00' LT.	⑰ STA. 2+25.78, 24.00' RT.	㉖ STA. 2+87.29, 42.00' RT.
⑨ STA. 0+95.78, 33.00' LT.	⑱ STA. 2+25.78, 33.00' RT.	㉗ STA. 2+87.22, CL





CONSTRUCTION DETAILS

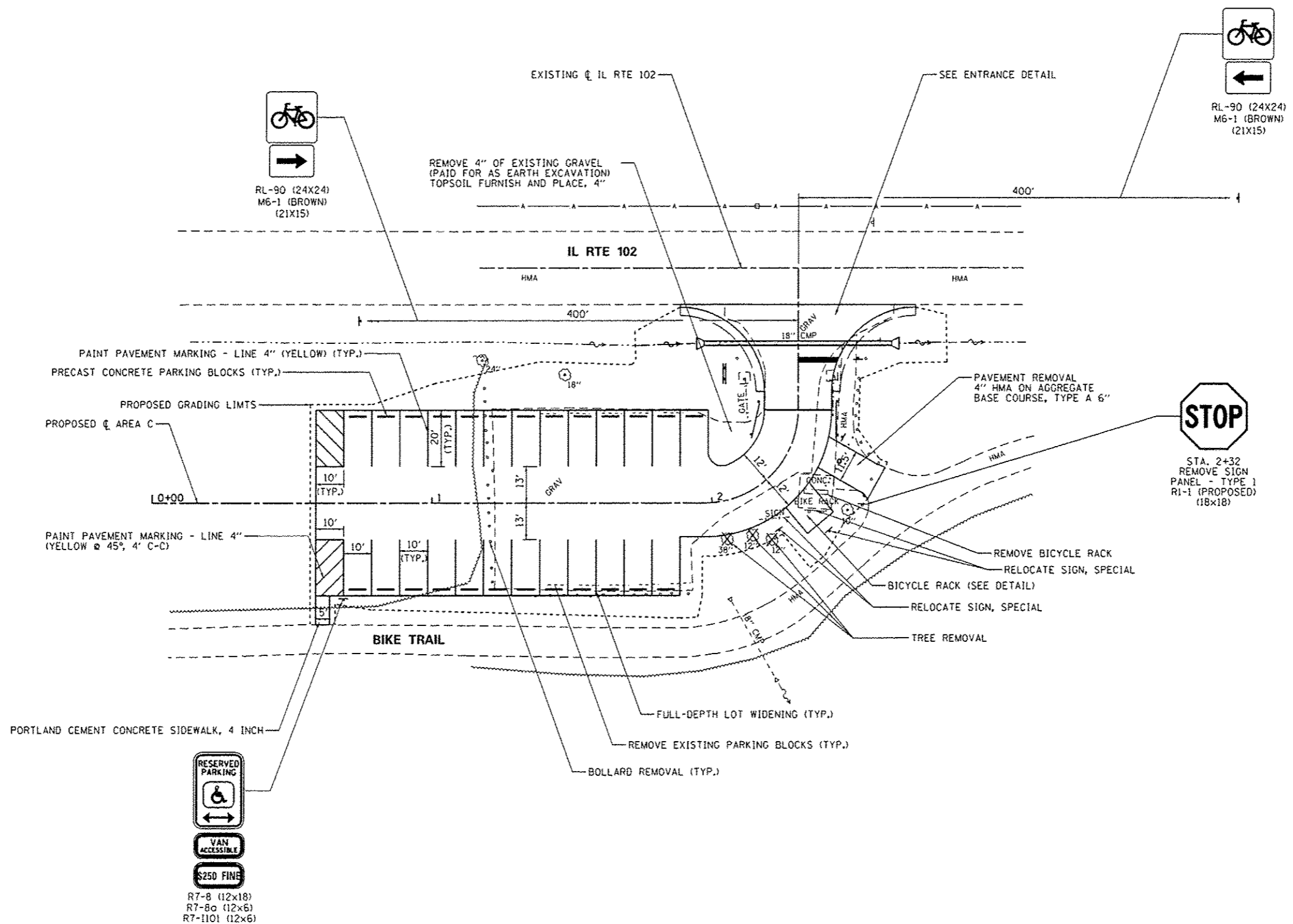
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Default	PLOT SCALE = 20.0000 / 1"	DATE - 3/29/2013	REVISED -
	PLOT DATE = 4/6/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

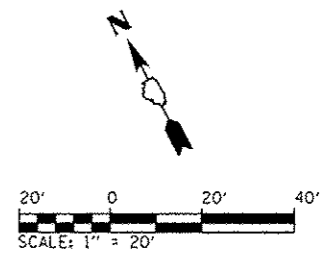
**ENTRANCE DETAILS - AREA B
KANKAKEE RIVER STATE PARK**

SCALE: 1" = 10' SHEET 4 OF 4 SHEETS STA. TO STA.

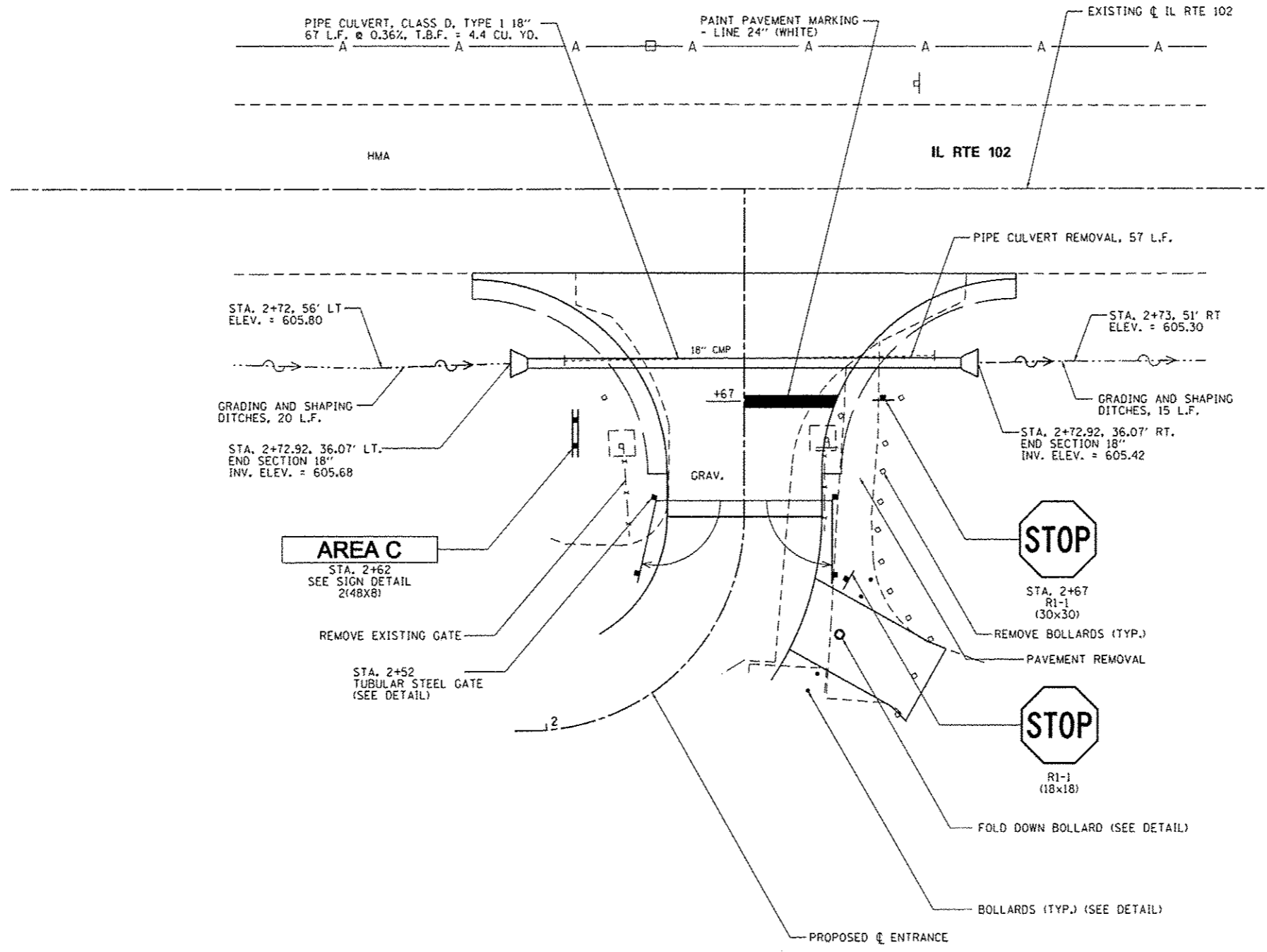
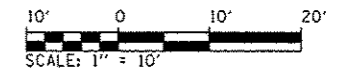
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	•	140	28
• WILL & KANKAKEE			CONTRACT NO. 46251	
[ILLINOIS] FED. AID PROJECT				



- R7-8 (12x18)
- R7-8a (12x6)
- R7-1101 (12x6)



FILE NAME : L:\1001\1106610\10_15\Draw\CADD_Sheets\	USER NAME : Brad Downen	DESIGNED - MJJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - AREA C KANKAKEE RIVER STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	46251-shr-AreaC-002SitePlan.dgn	DRAWN - BAH	REVISED -		PARK ROADS	• WILL & KANKAKEE	140	30				
	PLOT SCALE : 48.0000' / in.	CHECKED - BJD	REVISED -		CONTRACT NO. 46251							
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -		ILLINOIS FED. AID PROJECT							
Default					SCALE: 1" = 20'	SHEET 2 OF 4 SHEETS	STA.	TO STA.				



CONSTRUCTION DETAILS

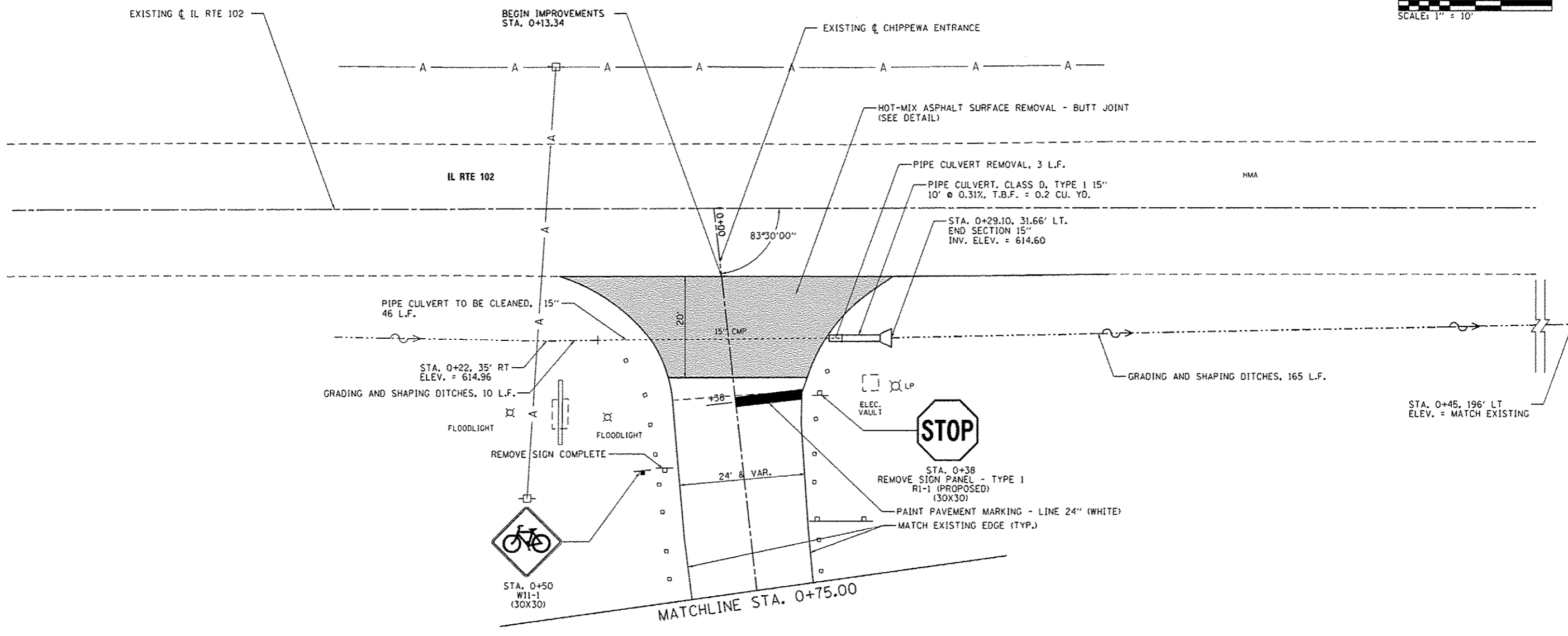
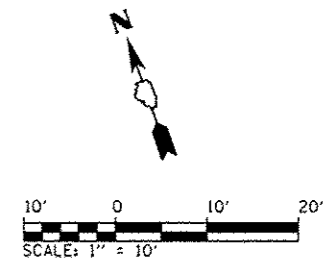
FILE NAME :	USER NAME : Brad Owenen	DESIGNED -	MJO	REVISED -	
L:\1007\1186618\W015\Draw\CADD\Sheets\46251-shl-AreaC-084EntranceDetail.dgn		DRAWN -	RAH	REVISED -	
Default	PLOT SCALE : 28.0000' / in.	CHECKED -	BJD	REVISED -	
	PLOT DATE : 4/6/2013	DATE -	3/29/2013	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRADING AND STAKING PLAN - AREA C
KANKAKEE RIVER STATE PARK**

SCALE: 1" = 10' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	32
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



FILE NAME :	USER NAME : Brad Downen	DESIGNED - MJD	REVISED -
L:\1007\118601\AWG_15\ND-a-VCADD_Sheets\046251-shl-ChippewaCampgrd-082EntranceDetail1	DRAWN - RAH	CHECKED - BJD	REVISED -
Default	PLOT SCALE : 20.0000' / 1"	DATE - 3/29/2013	REVISED -

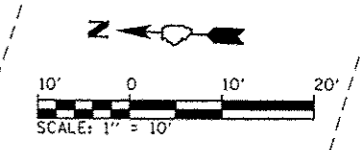
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE DETAILS - CHIPPEWA CAMPGROUND
KANKAKEE RIVER STATE PARK**

SCALE: 1" = 10' SHEET 2 OF 4 SHEETS STA. 0+13.34 TO STA. 0+75

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	34
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				

RESERVED PARKING
 VAN ACCESSIBLE
 \$250 FINE
 R7-8 (12x18)
 R7-8a (12x6)
 R7-1101 (12x6)

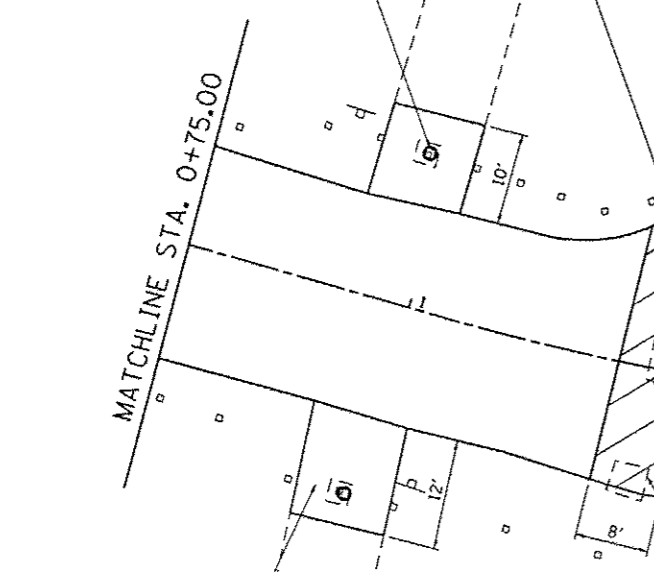
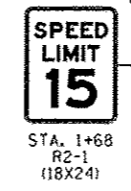
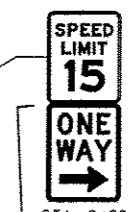
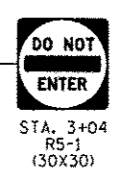
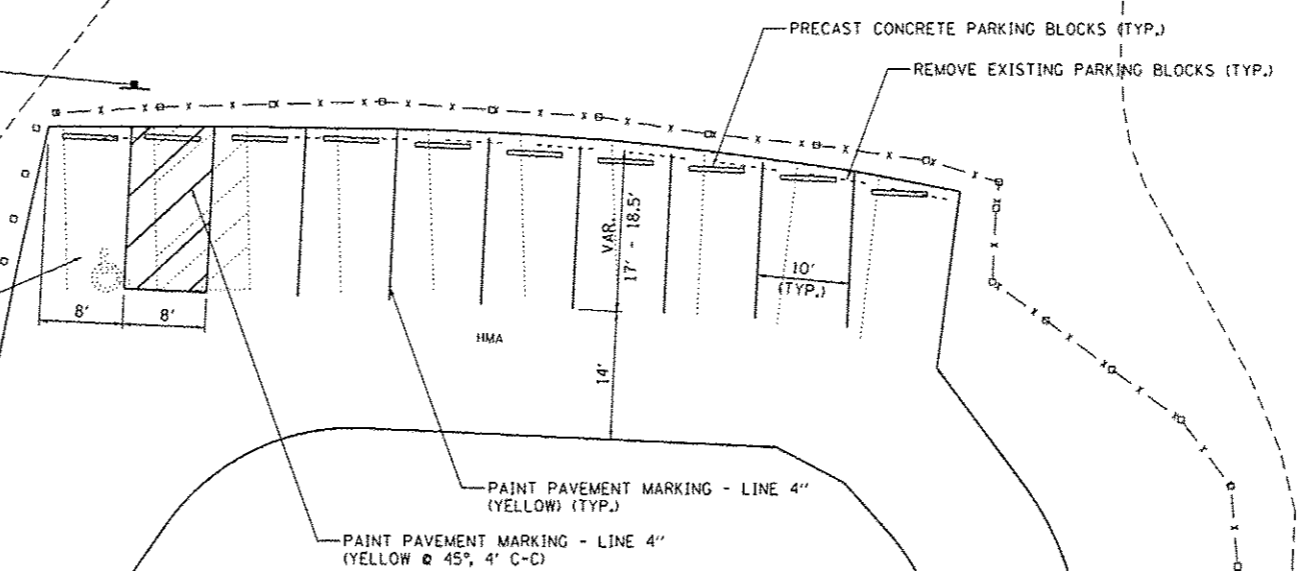


VARY DEPTH OF HMA SURFACE COURSE TO ACHIEVE 2% MAXIMUM SLOPE OVER THE TWO 8' ADA ACCESSIBLE STALLS.

EXISTING CHIPPEWA ENTRANCE
 CLASS D PATCHES, TYPE IV
 6 INCH, 31 SQ. YD.
 BOLLARD REMOVAL
 PROPOSED FOLD DOWN BOLLARD
 (TYP. EACH SIDE) (SEE DETAIL)

MATCHLINE STA. 0+75.00

PAVEMENT REMOVAL
 4" HMA ON AGGREGATE
 BASE COURSE, TYPE A 6"
 (TYP. EACH SIDE)



REMOVE SIGN COMPLETE
 CONCRETE REMOVAL (SPECIAL)

REMOVE EXISTING GATE
 STA. 1+75
 TUBULAR STEEL GATE
 (SEE DETAIL)

REMOVE SIGN COMPLETE

REMOVE SIGN COMPLETE

REMOVE SIGN COMPLETE

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SEE DETAIL)
 END IMPROVEMENTS STA. 2+65.82

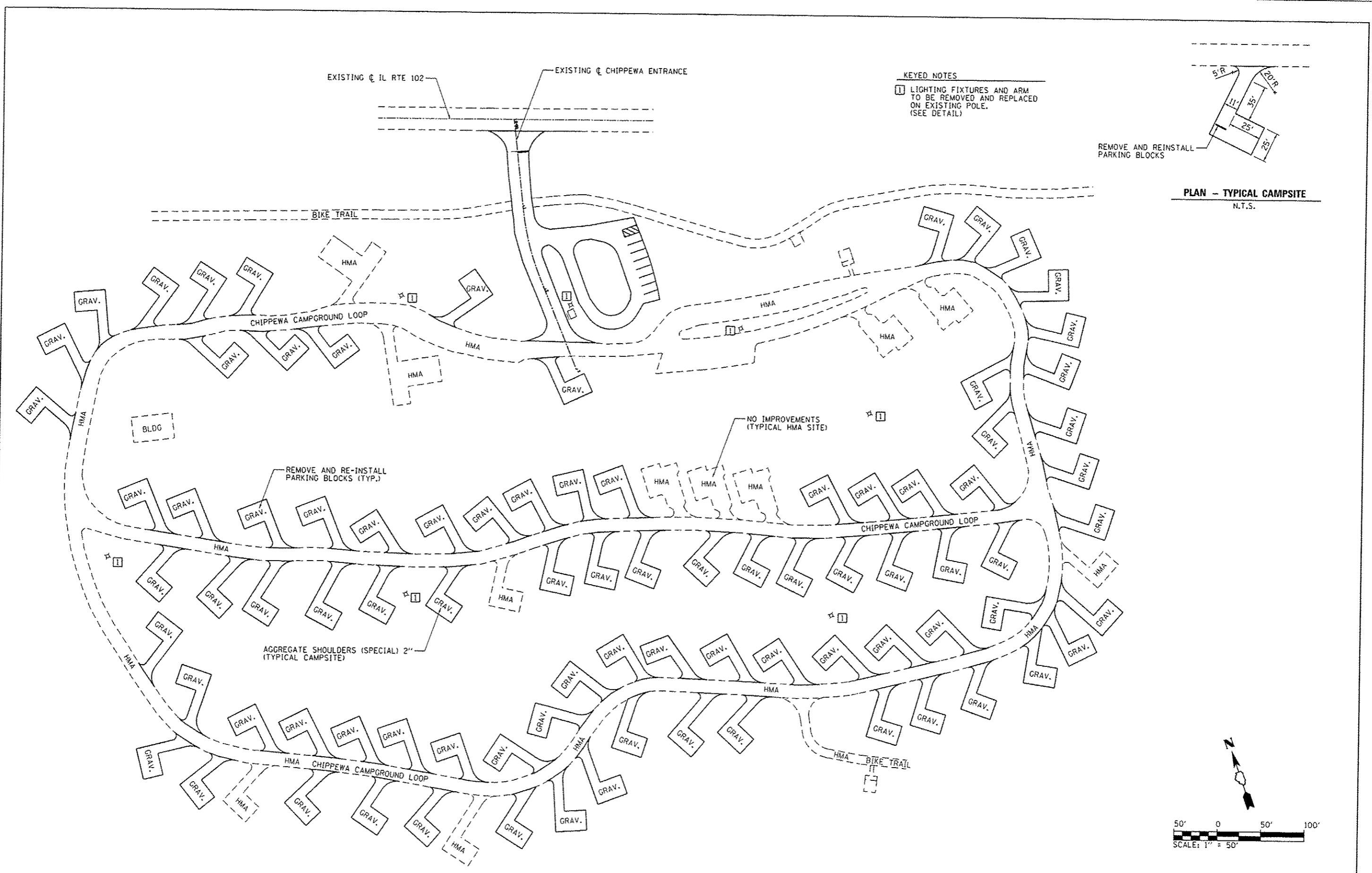
REMOVE SIGN COMPLETE

FILE NAME	USER NAME	DESIGNED	REVISED
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PLOT SCALE	CHECKED	REVISED	REVISED
1/8" = 1'-0"	BJD	-	-
PLOT DATE	DATE	REVISED	REVISED
4/6/2013	3/29/2013	-	-

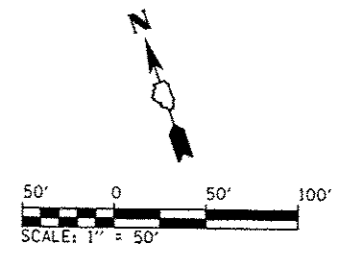
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

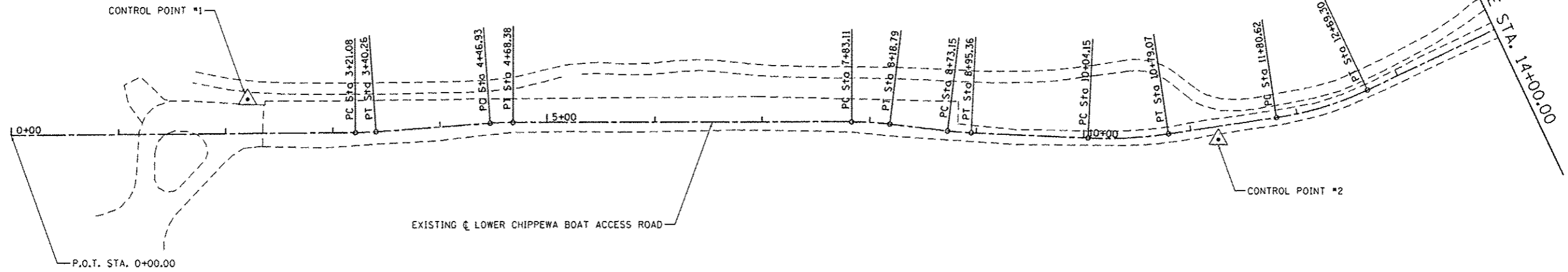
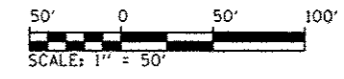
ENTRANCE & PARKING DETAILS - CHIPPEWA CAMPGROUND
 KANKAKEE RIVER STATE PARK
 SCALE: 1" = 10' SHEET 3 OF 4 SHEETS STA. 0+75 TO STA. 2+65.82

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	35
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



FILE NAME : L:\11DOT\1186618\10.15AD-a\CADD_Sheets\046251-ent-ChippewaCampground-004SitePlan-Loop.dwg	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - CHIPPEWA CAMPGROUND LOOP KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE : 100.0000 / in.	CHECKED - BJD	REVISED -		SCALE: 1" = 50'	SHEET 4 OF 4 SHEETS	STA.	PARK ROADS	*	140	36
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -				TO STA.	* WILL & KANKAKEE			
										CONTRACT NO. 46251	

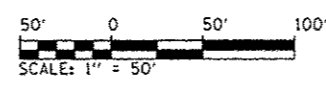
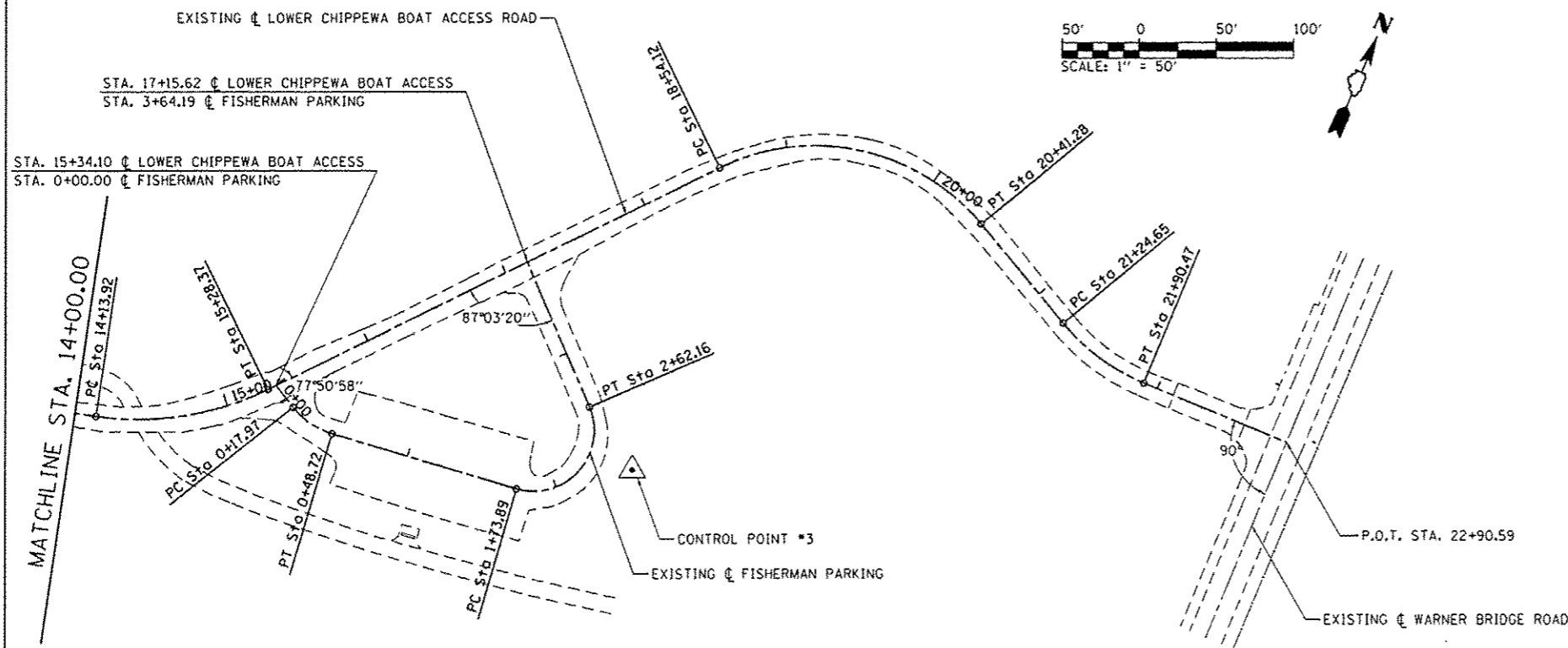




**BILL OF MATERIALS -
LOWER CHIPPEWA BOAT ACCESS ROAD**

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	161
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	475
FURNISHED EXCAVATION	CU YD	5
TRENCH BACKFILL	CU YD	14.9
TOPSOIL FURNISH AND PLACE, 4"	SO YD	1,594
GRADING AND SHAPING DITCHES	FOOT	2,062
STONE RIPRAP, CLASS A3	SO YD	45
FILTER FABRIC	SO YD	45
AGGREGATE BASE COURSE, TYPE A	TON	15.0
AGGREGATE BASE COURSE, TYPE A 2"	SO YD	5,821
AGGREGATE BASE COURSE, TYPE A 6"	SO YD	76
AGGREGATE BASE COURSE, TYPE A 12"	SO YD	137
AGGREGATE BASE COURSE, TYPE B	TON	975.0
LEVELING BINDER (MACHINE METHOD), N50	TON	2.7
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	46
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	782.9
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	600.1
PAVEMENT REMOVAL	SO YD	199
AGGREGATE WEDGE SHOULDER, TYPE B	TON	159.3
PIPE CULVERT REMOVAL	FOOT	86
PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	198
END SECTIONS 12"	EACH	10
SIGN PANEL - TYPE 1	SO FT	29
WOOD SIGN SUPPORT	FOOT	105
PAINT PAVEMENT MARKING - LINE 4"	FOOT	922
PAINT PAVEMENT MARKING - LINE 24"	FOOT	12
REMOVE EXISTING GATE	EACH	1
REMOVE EXISTING PARKING BLOCKS	EACH	89
PRECAST CONCRETE PARKING BLOCK	EACH	36
TUBULAR STEEL GATE	EACH	1
SCARIFY EXISTING SURFACE	SO YD	5,912
FOLD DOWN BOLLARDS	EACH	1
BOLLARD REMOVAL	EACH	1
PIPE CULVERTS TO BE CLEANED 15"	FOOT	41
PIPE CULVERTS TO BE CLEANED 18"	FOOT	59
REMOVE SIGN COMPLETE	EACH	6
CONCRETE REMOVAL (SPECIAL)	SO YD	2
BITUMINOUS MATERIALS (PRIME COAT)	POUND	14,967

* FULL-DEPTH BASE REPAIR QUANTITIES ARE ESTIMATED AND SHALL BE USED ONLY AT THE DISCRETION OF THE ENGINEER

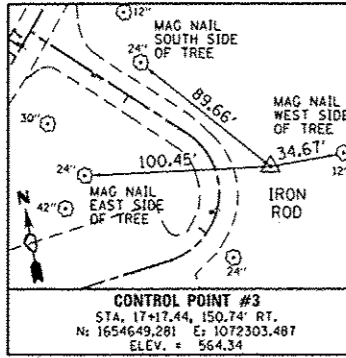
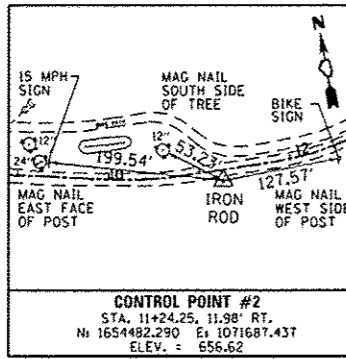
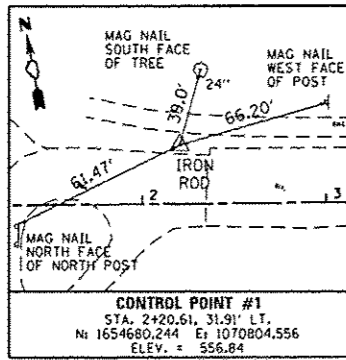


FILE NAME :	USER NAME : Brad Downen	DESIGNED - MJ0	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	DATE - 3/29/2013	REVISED -
	PLOT DATE = 4/6/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT AND BILL OF MATERIALS LOWER CHIPPEWA BOAT ACCESS ROAD KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			PARK ROADS	*	140	37
SCALE: 1" = 50'		SHEET 1 OF 7 SHEETS		STA.	TO STA.	
		* WILL & KANKAKEE		CONTRACT NO. 46251		
		ILLINOIS FED. AID PROJECT				

CONTROL POINTS



CURVE DATA

LOWER CHIPPEWA BOAT ACCESS

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-1 DATA
 PI STA. = 3+30.67
 Δ = 3° 39' 42" (LT)
 D = 19° 05' 55"
 R = 300.00'
 T = 9.59'
 L = 19.17'
 E = 0.15'
 P.C. STA. = 3+21.08
 P.T. STA. = 3+40.26

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-2 DATA
 PI STA. = 4+57.66
 Δ = 4° 05' 46" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 10.73'
 L = 21.44'
 E = 0.19'
 P.C. STA. = 4+46.93
 P.T. STA. = 4+68.38

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-3 DATA
 PI STA. = 8+00.97
 Δ = 6° 48' 52" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 17.86'
 L = 35.68'
 E = 0.53'
 P.C. STA. = 7+83.11
 P.T. STA. = 8+18.79

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-4 DATA
 PI STA. = 8+84.26
 Δ = 4° 14' 32" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 11.11'
 L = 22.21'
 E = 0.21'
 P.C. STA. = 8+73.15
 P.T. STA. = 8+95.36

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-5 DATA
 PI STA. = 10+41.73
 Δ = 11° 08' 56" (LT)
 D = 14° 52' 55"
 R = 385.00'
 T = 37.58'
 L = 74.92'
 E = 1.83'
 P.C. STA. = 10+04.15
 P.T. STA. = 10+79.07

FISHERMAN PARKING

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-6 DATA
 PI STA. = 12+25.29
 Δ = 16° 56' 11" (LT)
 D = 19° 05' 55"
 R = 300.00'
 T = 44.66'
 L = 88.68'
 E = 3.31'
 P.C. STA. = 11+80.62
 P.T. STA. = 12+69.30

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-7 DATA
 PI STA. = 14+72.94
 Δ = 34° 30' 40" (LT)
 D = 30° 09' 20"
 R = 190.00'
 T = 59.02'
 L = 114.44'
 E = 8.95'
 P.C. STA. = 14+13.92
 P.T. STA. = 15+28.37

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-8 DATA
 PI STA. = 19+64.68
 Δ = 76° 35' 41" (RT)
 D = 40° 55' 32"
 R = 140.00'
 T = 110.56'
 L = 187.16'
 E = 38.39'
 P.C. STA. = 18+54.12
 P.T. STA. = 20+41.28

EXISTING \odot LOWER CHIPPEWA BOAT ACCESS ROAD
CURVE-9 DATA
 PI STA. = 21+58.23
 Δ = 27° 56' 15" (LT)
 D = 42° 26' 29"
 R = 135.00'
 T = 33.58'
 L = 65.83'
 E = 4.11'
 P.C. STA. = 21+24.65
 P.T. STA. = 21+90.47

FISHERMAN PARKING

EXISTING \odot FISHERMAN PARKING
CURVE-1 DATA
 PI STA. = 0+33.85
 Δ = 35° 14' 05" (LT)
 D = 114° 35' 30"
 R = 50.00'
 T = 15.88'
 L = 30.75'
 E = 2.46'
 P.C. STA. = 0+17.97
 P.T. STA. = 0+48.72

EXISTING \odot FISHERMAN PARKING
CURVE-2 DATA
 PI STA. = 2+56.91
 Δ = 129° 40' 13" (LT)
 D = 146° 54' 44"
 R = 39.00'
 T = 83.01'
 L = 88.26'
 E = 52.72'
 P.C. STA. = 1+73.89
 P.T. STA. = 2+62.16

COORDINATE DATA

LOWER CHIPPEWA BOAT ACCESS

P.O.T. STA. 0+00.00
 N. : 1654686.213
 E. : 1070581.734

P.C. STA. 3+21.08
 N. : 1654631.748
 E. : 1070898.165

P.I. STA. 3+30.67
 N. : 1654630.122
 E. : 1070907.615

P.T. STA. 3+40.26
 N. : 1654629.102
 E. : 1070917.150

P.C. STA. 4+46.93
 N. : 1654617.758
 E. : 1071023.217

P.I. STA. 4+57.66
 N. : 1654616.617
 E. : 1071033.884

P.T. STA. 4+68.38
 N. : 1654614.717
 E. : 1071044.443

P.C. STA. 7+83.11
 N. : 1654558.979
 E. : 1071354.201

P.I. STA. 8+00.97
 N. : 1654555.816
 E. : 1071371.780

P.T. STA. 8+18.79
 N. : 1654550.589
 E. : 1071388.859

P.C. STA. 8+73.15
 N. : 1654534.681
 E. : 1071440.841

P.I. STA. 8+84.26
 N. : 1654531.430
 E. : 1071451.466

P.T. STA. 8+95.36
 N. : 1654528.973
 E. : 1071462.302

P.C. STA. 10+04.15
 N. : 1654504.922
 E. : 1071568.397

P.I. STA. 10+41.73
 N. : 1654496.614
 E. : 1071605.044

P.T. STA. 10+79.07
 N. : 1654495.549
 E. : 1071642.605

FISHERMAN PARKING

P.O.T. STA. 0+00.00
 N. : 1654606.449
 E. : 1072070.030

P.C. STA. 0+17.97
 N. : 1654598.006
 E. : 1072085.892

P.I. STA. 0+33.85
 N. : 1654590.545
 E. : 1072099.908

P.T. STA. 0+48.72
 N. : 1654592.538
 E. : 1072115.660

P.C. STA. 1+73.90
 N. : 1654608.246
 E. : 1072239.848

P.I. STA. 2+56.91
 N. : 1654618.663
 E. : 1072322.203

P.T. STA. 2+62.16
 N. : 1654675.404
 E. : 1072261.612

P.O.T. STA. 3+64.19
 N. : 1654745.145
 E. : 1072187.140

LOWER CHIPPEWA BOAT ACCESS

P.C. STA. 11+80.63
 N. : 1654492.671
 E. : 1071744.124

P.I. STA. 12+25.29
 N. : 1654491.405
 E. : 1071788.771

P.T. STA. 12+69.30
 N. : 1654503.200
 E. : 1071831.850

P.C. STA. 14+13.92
 N. : 1654541.392
 E. : 1071971.336

P.I. STA. 14+72.94
 N. : 1654556.977
 E. : 1072028.258

P.T. STA. 15+28.37
 N. : 1654602.069
 E. : 1072066.333

P.C. STA. 18+54.12
 N. : 1654850.966
 E. : 1072276.492

P.I. STA. 19+64.68
 N. : 1654935.436
 E. : 1072347.816

P.T. STA. 20+41.28
 N. : 1654895.639
 E. : 1072446.521

P.C. STA. 21+24.65
 N. : 1654848.087
 E. : 1072520.953

P.I. STA. 21+58.23
 N. : 1654832.961
 E. : 1072550.935

P.T. STA. 21+90.47
 N. : 1654833.644
 E. : 1072584.509

P.O.T. STA. 22+90.59
 N. : 1654835.681
 E. : 1072684.602

FISHERMAN PARKING

P.C. STA. 12+25.29
 N. : 1654491.405
 E. : 1071788.771

P.I. STA. 12+69.30
 N. : 1654503.200
 E. : 1071831.850

P.T. STA. 12+69.30
 N. : 1654503.200
 E. : 1071831.850

P.C. STA. 14+13.92
 N. : 1654541.392
 E. : 1071971.336

P.I. STA. 14+72.94
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 E. : 1072028.258

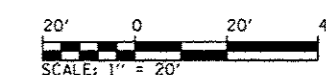
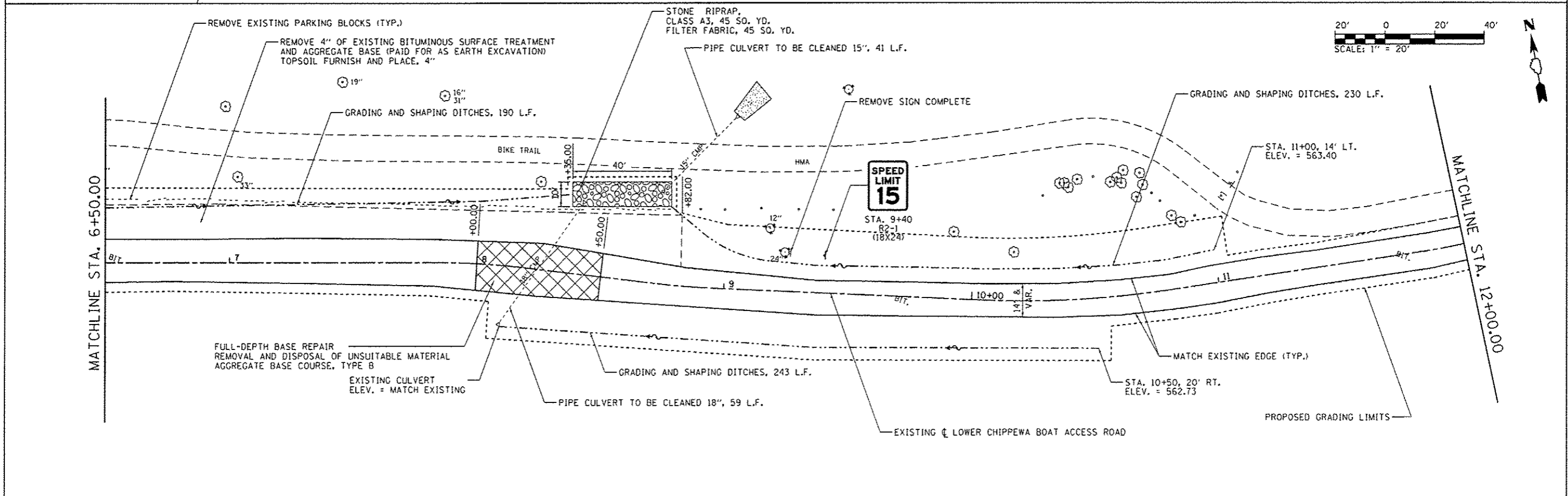
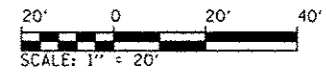
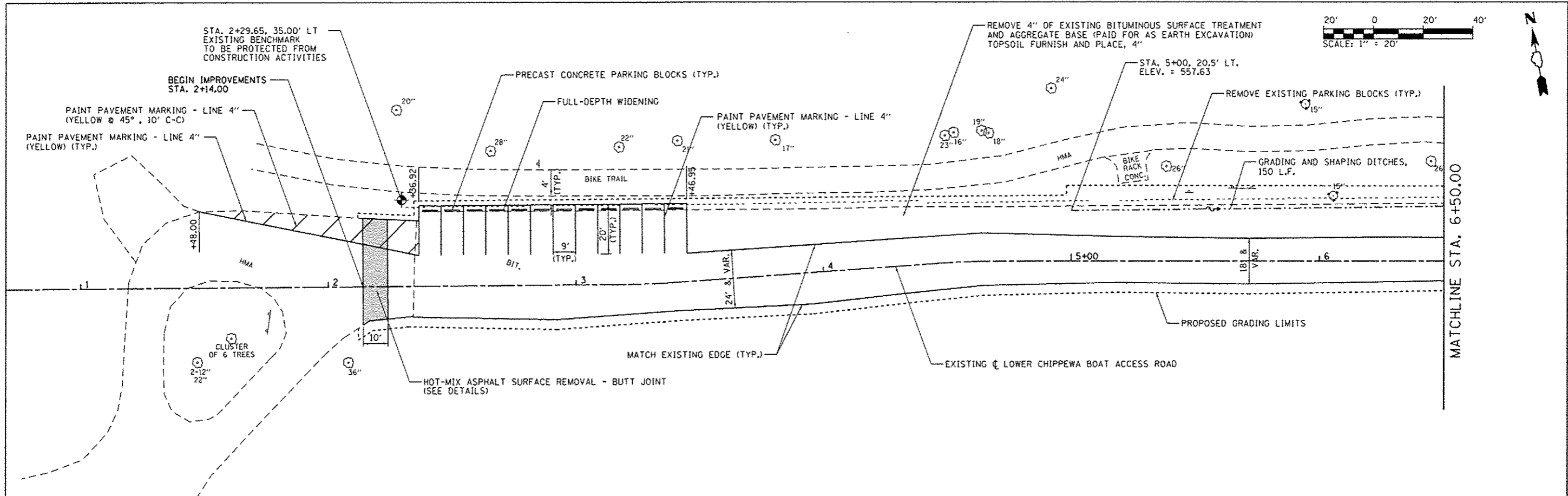
P.T. STA. 15+28.37
 N. : 1654602.069
 E. : 1072066.333

P.C. STA. 18+54.12
 N. : 1654850.966
 E. : 1072276.492

P.I. STA. 19+64.68
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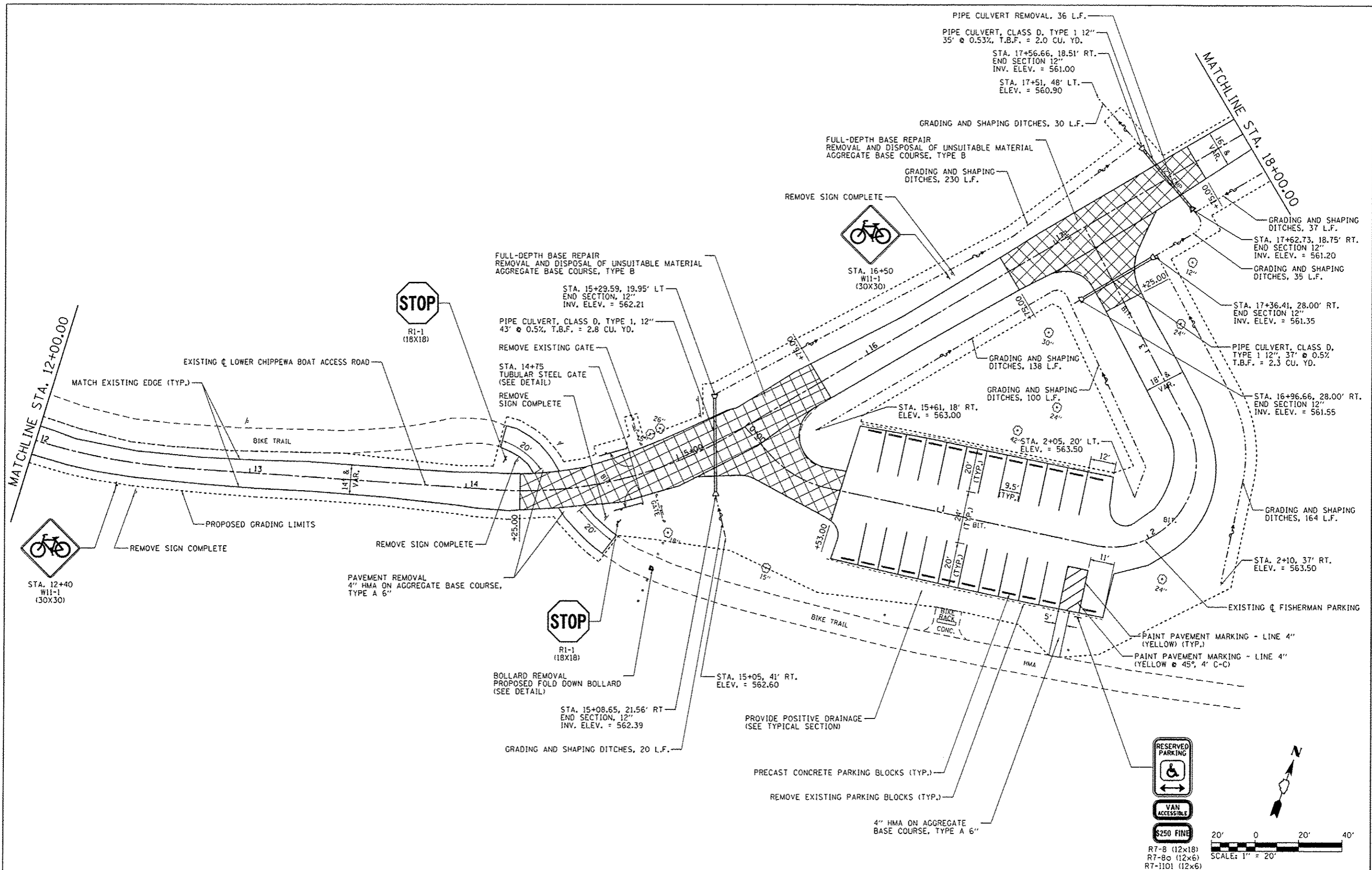
P.O.T. STA. 3+64.19
 N. : 1654745.145
 E. : 1072187.140

FILE NAME : L:\1007\100610\10015\Draw\CAADD_Sheets\46251-shr-Lower-Chippewa-882\Alignment.dgn	USER NAME : Brad Downan	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT LOWER CHIPPEWA BOAT ACCESS ROAD KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - RAH	REVISED -		SCALE: N.A.	SHEET 2 OF 7 SHEETS	STA.	TO STA.	* WILL & KANKAKEE	CONTRACT NO. 46251	140	38
		CHECKED - BJD	REVISED -						ILLINOIS FED. AID PROJECT			
		DATE - 3/29/2013	REVISED -									

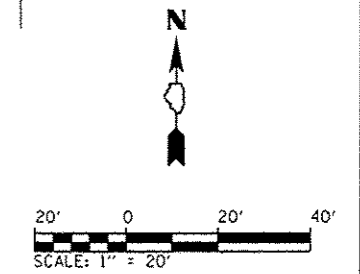
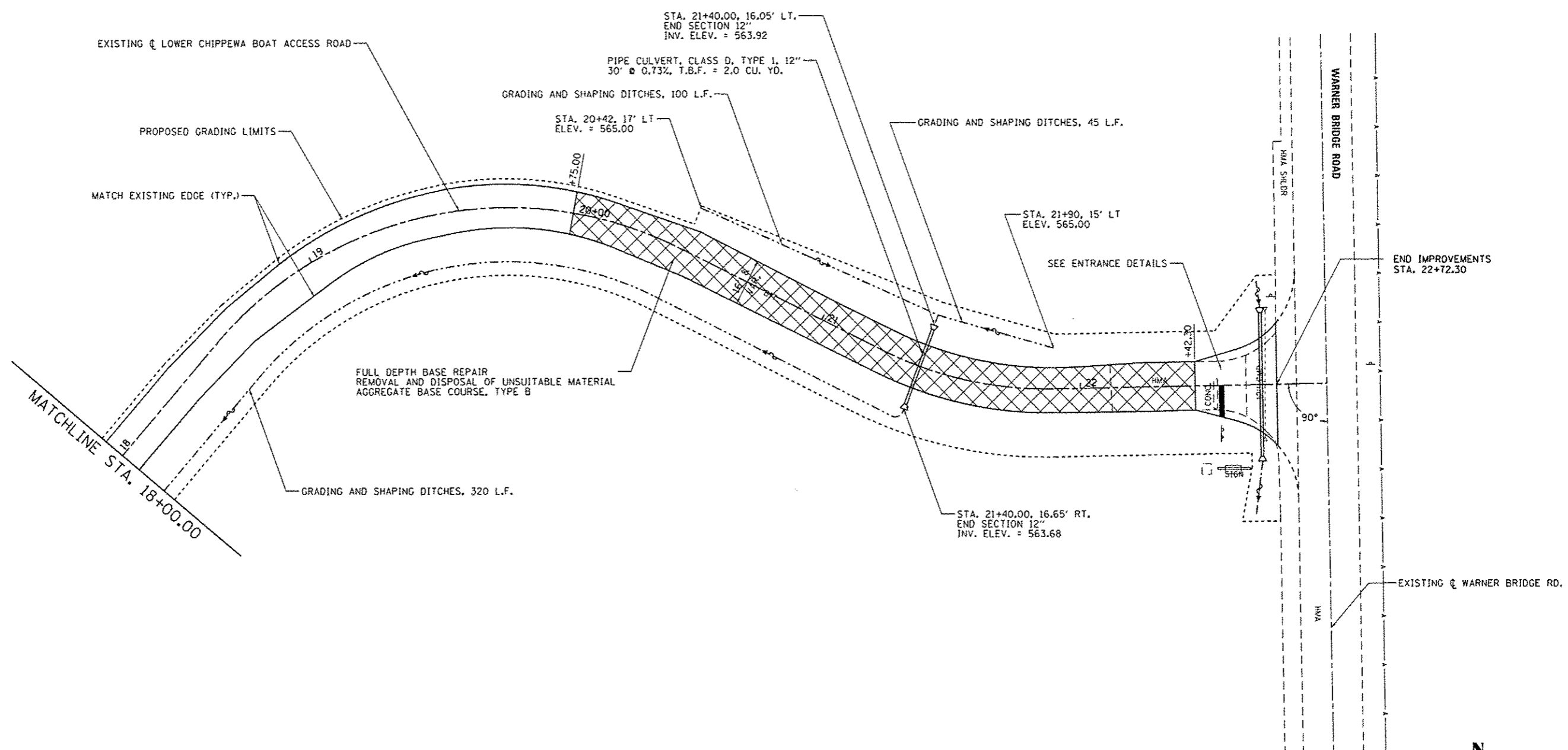


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	PLOT SCALE = 48.0000 / in.	CHECKED - BJD	REVISED -			PARK ROADS	140	39		
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -			WILL & KANKAKEE	CONTRACT NO. 46251			
							ILLINOIS FED. AID PROJECT			

SCALE: 1" = 20' SHEET 3 OF 7 SHEETS STA. 0+00 TO STA. 12+00

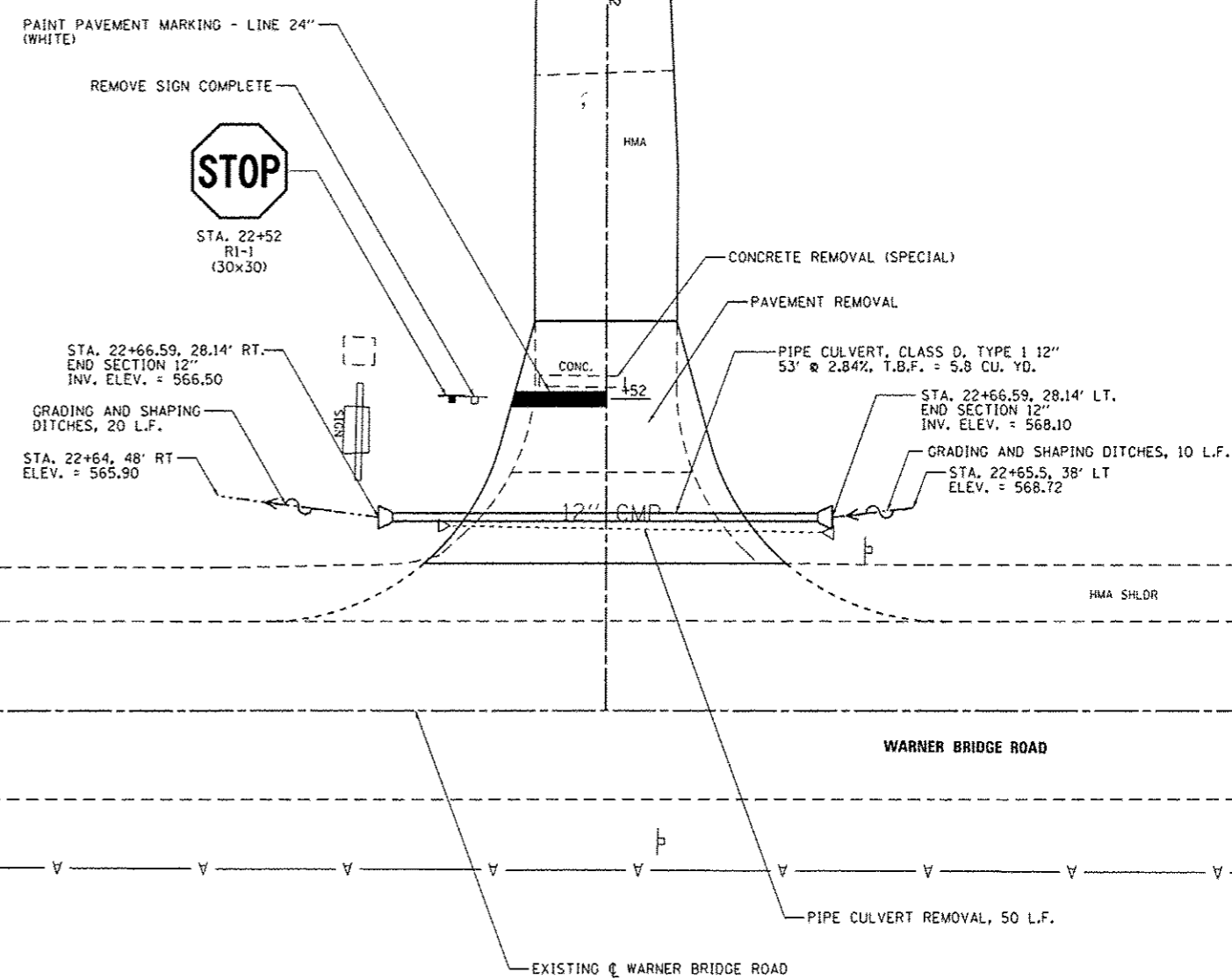
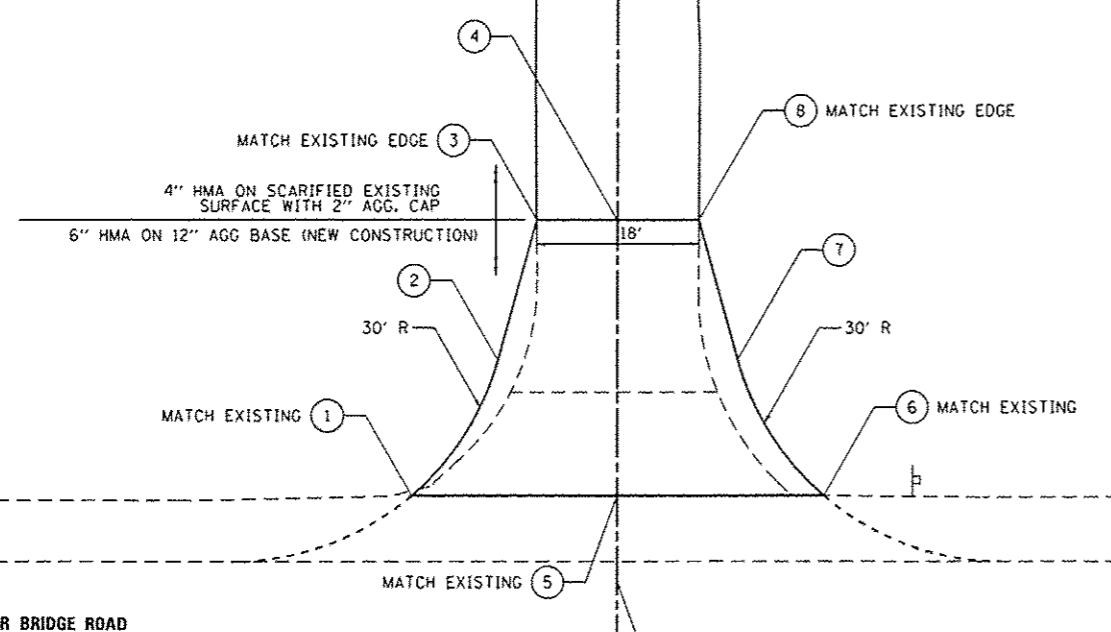
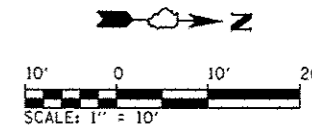
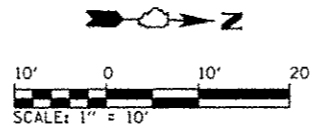


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Default	PLOT SCALE = 48.0000 / in.	DRAWN - RAH	REVISED -			R7-8 (12x18)	PARK ROADS	*	140	40
	PLOT DATE = 4/5/2013	CHECKED - BJD	REVISED -			R7-80 (12x6)	* WILL & KANKAKEE			
		DATE - 3/29/2013	REVISED -			R7-1101 (12x6)				CONTRACT NO. 46251
					SCALE: 1" = 20'	SHEET 4 OF 7 SHEETS	STA. 12+00	TO STA. 18+00		ILLINOIS FED. AID PROJECT



FILE NAME : L:\1001\1186618\15\Draw\CADD\Sheets\146251-sh1-LowerChippewa-085SitePlan003.dgn Default	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - LOWER CHIPPEWA BOAT ACCESS ROAD KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : 40.0000 / in.	CHECKED - BJO	REVISED -			PARK ROADS	140	41		
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -			WILL & KANKAKEE	CONTRACT NO. 46251			
	SCALE: 1" = 20' SHEET 5 OF 7 SHEETS STA. 18+00 TO STA. 22+90.59						ILLINOIS FED. AID PROJECT			

POINT NUMBER	STATION	OFFSET	ELEVATION
1	22+72.30	22.49' RT	569.05
2	22+57.60	13.11' RT	568.47
3	22+42.30	8.82' RT	567.95
4	22+42.30	€	568.21
5	22+72.30	€	569.77
6	22+72.30	22.49' LT	570.50
7	22+57.51	13.09' LT	569.18
8	22+42.30	8.88' LT	568.01



WARNER BRIDGE ROAD

WARNER BRIDGE ROAD

GRADING AND STAKING PLAN

CONSTRUCTION DETAILS

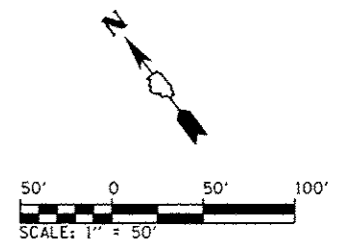
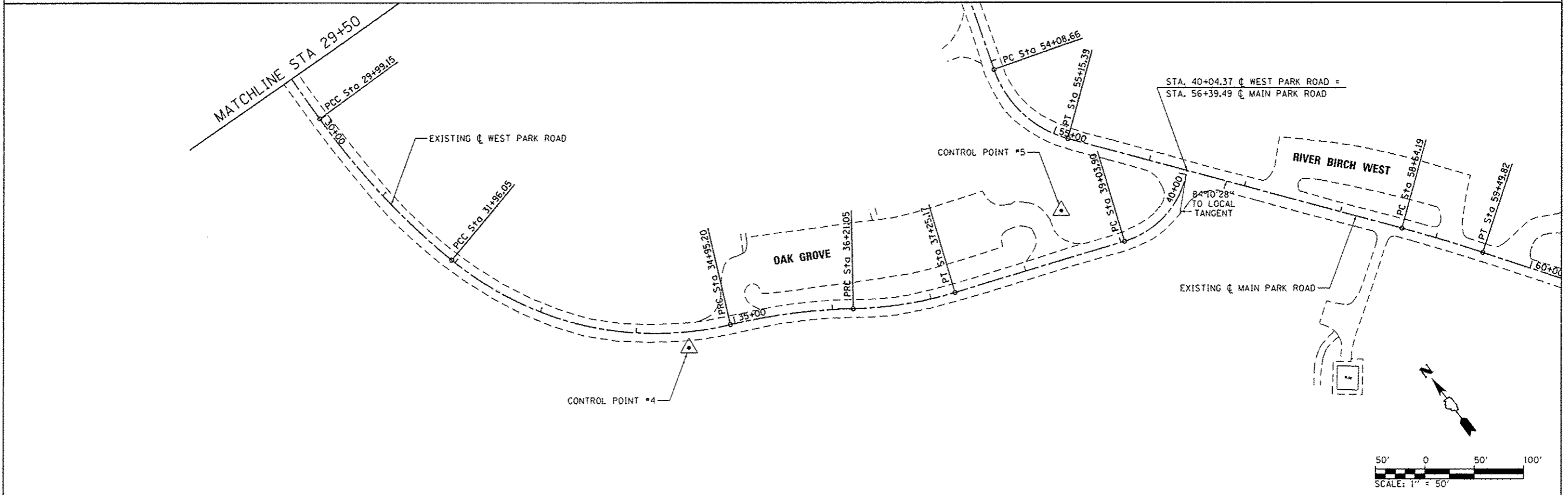
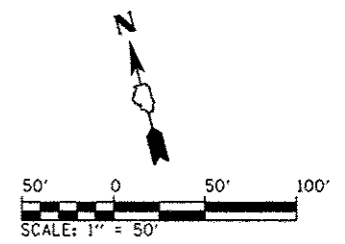
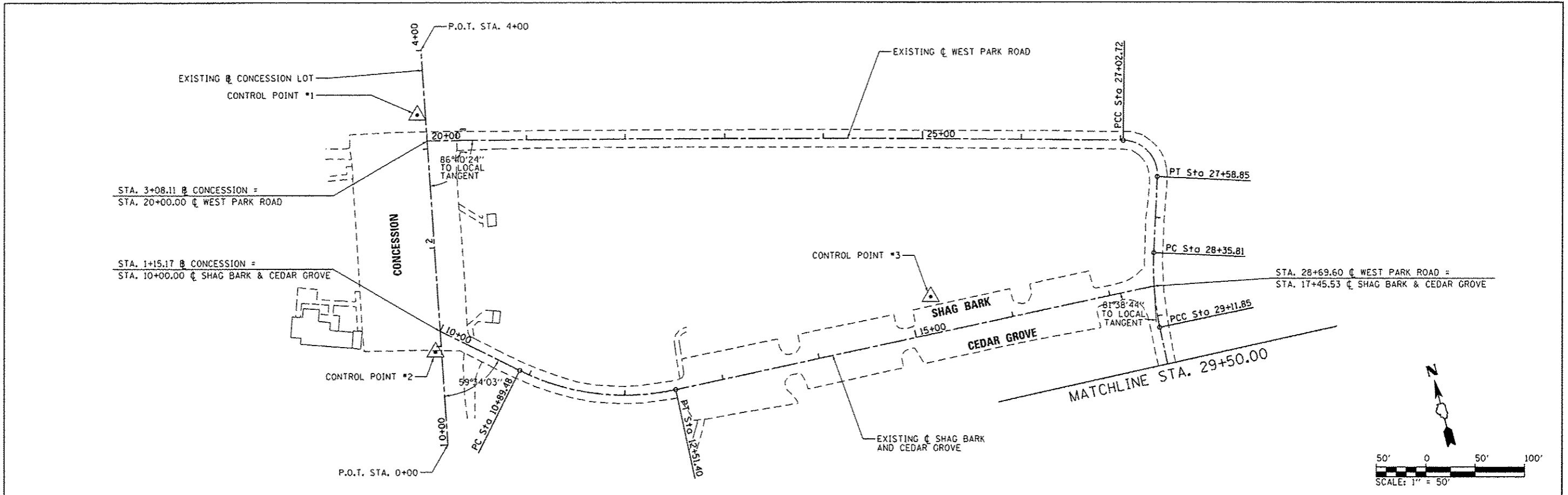
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		DRAWN -	REVISED -
		RAH	
		CHECKED -	REVISED -
		BJD	
		DATE -	REVISED -
		3/29/2013	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAILS - LOWER CHIPPEWA BOAT ACCESS ROAD
KANKAKEE RIVER STATE PARK

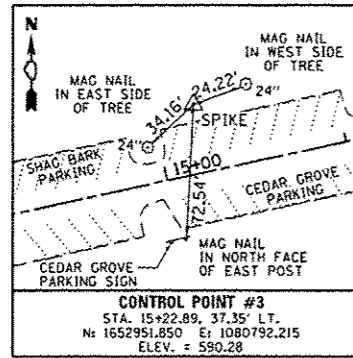
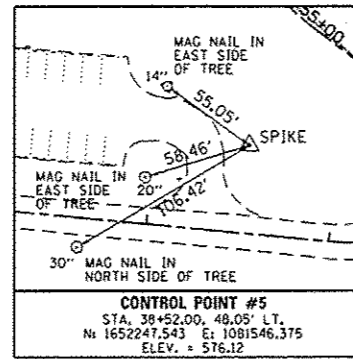
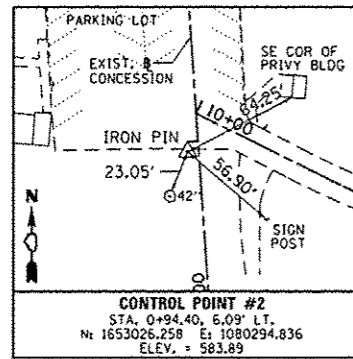
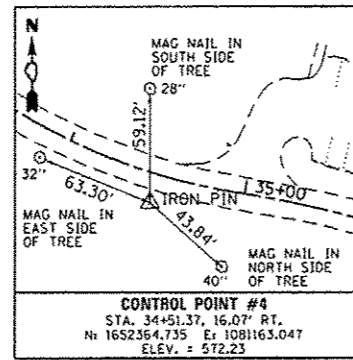
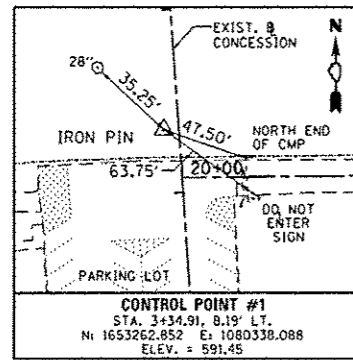
SCALE: 1" = 10' SHEET 7 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	43
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



FILE NAME :	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS CONCESSION, SHAG BARK, CEDAR GROVE AND WEST PARK ROAD KANKAKEE RIVER STATE PARK		F.A. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE : 100.0000 ' / in.	DATE - 3/29/2013	REVISED -						* WILL & KANKAKEE	CONTRACT NO. 46251		
	PLOT DATE : 4/6/2013								[ILLINOIS] FED. AID PROJECT			

CONTROL POINTS



CURVE DATA

SHAG BARK & CEDAR GROVE

EXIST. ϕ SHAG BARK AND CEDAR GROVE
 CURVE-1 DATA
 PI STA. = 11+73.66
 Δ = 38° 39' 23" (LT)
 D = 23° 52' 24"
 R = 240.00'
 T = 84.18'
 L = 161.92'
 E = 14.33'
 P.C. STA. = 10+89.48
 P.T. STA. = 12+51.40

WEST PARK ROAD

EXIST. ϕ WEST PARK ROAD CURVE-1 DATA PI STA. = 23+51.38 Δ = 1° 21' 51" (RT) D = 0° 11' 39" R = 29,515.00' T = 351.38' L = 702.72' E = 2.09' P.C. STA. = 20+00.00 P.C.C. STA. = 27+02.72	EXIST. ϕ WEST PARK ROAD CURVE-6 DATA PI STA. = 33+57.17 Δ = 52° 44' 18" (LT) D = 17° 37' 46" R = 325.00' T = 161.11' L = 299.15' E = 37.74' P.C.C. STA. = 31+96.05 P.R.C. STA. = 34+95.20
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EXIST. ϕ WEST PARK ROAD CURVE-2 DATA PI STA. = 27+38.89 Δ = 91° 53' 31" (RT) D = 163° 42' 08" R = 35.00' T = 36.18' L = 56.13' E = 15.34' P.C.C. STA. = 27+02.72 P.T. STA. = 27+58.85	EXIST. ϕ WEST PARK ROAD CURVE-7 DATA PI STA. = 35+58.36 Δ = 12° 01' 04" (RT) D = 9° 32' 57" R = 600.00' T = 63.16' L = 125.85' E = 3.31' P.R.C. STA. = 34+95.20 P.R.C. STA. = 36+21.05
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EXIST. ϕ WEST PARK ROAD CURVE-3 DATA PI STA. = 28+74.04 Δ = 14° 31' 22" (LT) D = 19° 05' 55" R = 300.00' T = 38.23' L = 76.04' E = 2.43' P.C. STA. = 28+35.81 P.C.C. STA. = 29+11.85	EXIST. ϕ WEST PARK ROAD CURVE-8 DATA PI STA. = 36+73.43 Δ = 15° 29' 43" (LT) D = 14° 52' 55" R = 385.00' T = 52.38' L = 104.12' E = 3.55' P.R.C. STA. = 36+21.05 P.T. STA. = 37+25.17
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EXIST. ϕ WEST PARK ROAD CURVE-4 DATA PI STA. = 29+55.51 Δ = 1° 41' 34" (LT) D = 1° 56' 20" R = 2,955.00' T = 43.65' L = 87.30' E = 0.32' P.C.C. STA. = 29+11.85 P.C.C. STA. = 29+99.15	EXIST. ϕ WEST PARK ROAD CURVE-9 DATA PI STA. = 39+60.10 Δ = 63° 57' 39" (LT) D = 63° 39' 43" R = 90.00' T = 56.20' L = 100.47' E = 16.10' P.C. STA. = 39+03.90 P.T. STA. = 40+04.37
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EXIST. ϕ WEST PARK ROAD
CURVE-5 DATA
PI STA. = 30+98.14
 Δ = 14° 39' 04" (LT)
D = 7° 26' 28"
R = 770.00'
T = 98.99'
L = 196.90'
E = 6.34'
P.C.C. STA. = 29+99.15
P.C.C. STA. = 31+96.05

COORDINATE DATA

CONCESSION

P.O.T. STA. 0+00.00
 N. : 1652932.402
 E. : 1080283.026
 P.O.T. STA. 4+00.00
 N. : 1653325.236
 E. : 1080358.400

SHAG BARK & CEDAR GROVE

P.O.T. STA. 10+00.00
 N. : 1653045.510
 E. : 1080304.728
 P.C. STA. 10+89.48
 N. : 1652986.460
 E. : 1080371.957

P.I. STA. 11+73.66
 N. : 1652930.908
 E. : 1080435.203

P.T. STA. 12+51.40
 N. : 1652927.035
 E. : 1080519.294

P.O.T. STA. 17+45.53
 N. : 1652904.295
 E. : 1081012.893

WEST PARK ROAD

P.C. STA. 20+00.00 N. : 1653234.995 E. : 1080341.085	P.C.C. STA. 31+96.05 N. : 1652579.892 E. : 1081025.472
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P.I. STA. 23+51.38 N. : 1653148.870 E. : 1080681.742	P.I. STA. 33+57.17 N. : 1652423.179 E. : 1081062.870
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P.C.C. STA. 27+02.72 N. : 1653054.659 E. : 1081020.252	P.R.C. STA. 34+95.20 N. : 1652358.061 E. : 1081210.238
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P.I. STA. 27+38.89 N. : 1653044.959 E. : 1081055.103	P.I. STA. 35+58.36 N. : 1652332.534 E. : 1081268.007
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P.T. STA. 27+58.85 N. : 1653010.448 E. : 1081044.258	P.R.C. STA. 36+21.05 N. : 1652295.538 E. : 1081319.195
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P.C. STA. 28+35.81 N. : 1652937.027 E. : 1081021.187	P.I. STA. 36+73.43 N. : 1652264.856 E. : 1081361.648
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P.I. STA. 28+74.04 N. : 1652900.560 E. : 1081009.728	P.T. STA. 37+25.17 N. : 1652246.630 E. : 1081410.754
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P.C.C. STA. 29+11.85 N. : 1652862.384 E. : 1081007.779	P.C. STA. 39+03.90 N. : 1652184.441 E. : 1081578.315
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P.I. STA. 29+55.51 N. : 1652818.787 E. : 1081005.554	P.I. STA. 39+60.10 N. : 1652164.888 E. : 1081630.999
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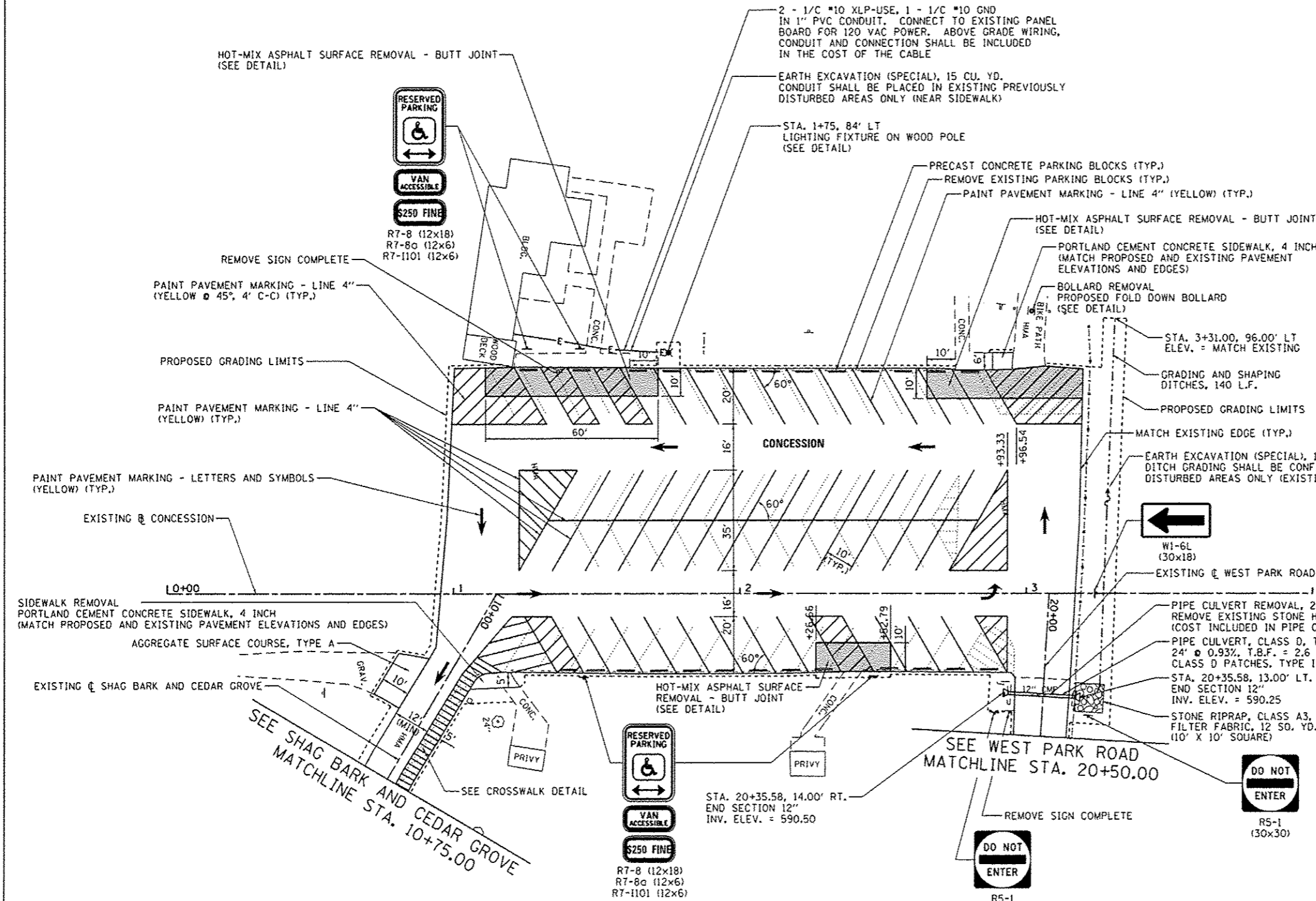
P.C.C. STA. 29+99.16 N. : 1652775.143 E. : 1081004.618	P.T. STA. 40+04.37 N. : 1652203.640 E. : 1081671.695
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P.I. STA. 30+98.14
 N. : 1652676.177
 E. : 1081002.494

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Default	PLOT SCALE : 100.0000' / in.	DRAWN - RAH	REVISED -			140	45			
	PLOT DATE : 4/6/2013	CHECKED - BJO	REVISED -			CONTRACT NO. 46251				
		DATE - 3/29/2013	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.	SHEET 2 OF 2 SHEETS	STA.	TO STA.			

BILL OF MATERIALS - CONCESSION

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	1
TRENCH BACKFILL	CU YD	2.6
TOPSOIL FURNISH AND PLACE, 4"	SO YD	27
GRADING AND SHAPING DITCHES	FOOT	140
STONE RIPRAP, CLASS A3	SO YD	12
FILTER FABRIC	SO YD	12
AGGREGATE SURFACE COURSE, TYPE A	TON	1.2
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	160
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	306.9
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	115
SIDEWALK REMOVAL	SO FT	74
CLASS D PATCHES, TYPE II, 6 INCH	SO YD	12
AGGREGATE WEDGE SHOULDER, TYPE B	TON	6.9
PIPE CULVERT REMOVAL	FOOT	24
PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	24
END SECTIONS 12"	EACH	2
SIGN PANEL - TYPE 1	SO FT	27
WOOD SIGN SUPPORT	FOOT	103
PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	97
PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,443
PAINT PAVEMENT MARKING - LINE 6"	FOOT	53
PAINT PAVEMENT MARKING - LINE 12"	FOOT	90
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	65
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	210
LIGHT POLE, WOOD, 30 FOOT, CLASS 5	EACH	1
REMOVE EXISTING PARKING BLOCKS	EACH	24
PRECAST CONCRETE PARKING BLOCK	EACH	26
FOLD DOWN BOLLARDS	EACH	1
BOLLARD REMOVAL	EACH	1
EARTH EXCAVATION (SPECIAL)	CU YD	115
REMOVE SIGN COMPLETE	EACH	2
LUMINAIRE (SPECIAL)	EACH	1
BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,233



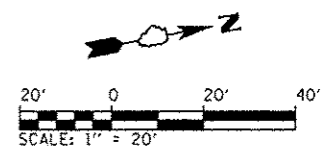
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Default	PLOT SCALE : 40.0000' / in.	DATE - 3/29/2013	REVISED -
	PLOT DATE : 4/5/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE PLAN - CONCESSION
KANKAKEE RIVER STATE PARK**

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

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	46
WILL & KANKAKEE			CONTRACT NO. 4625	
ILLINOIS FED. AID PROJECT				

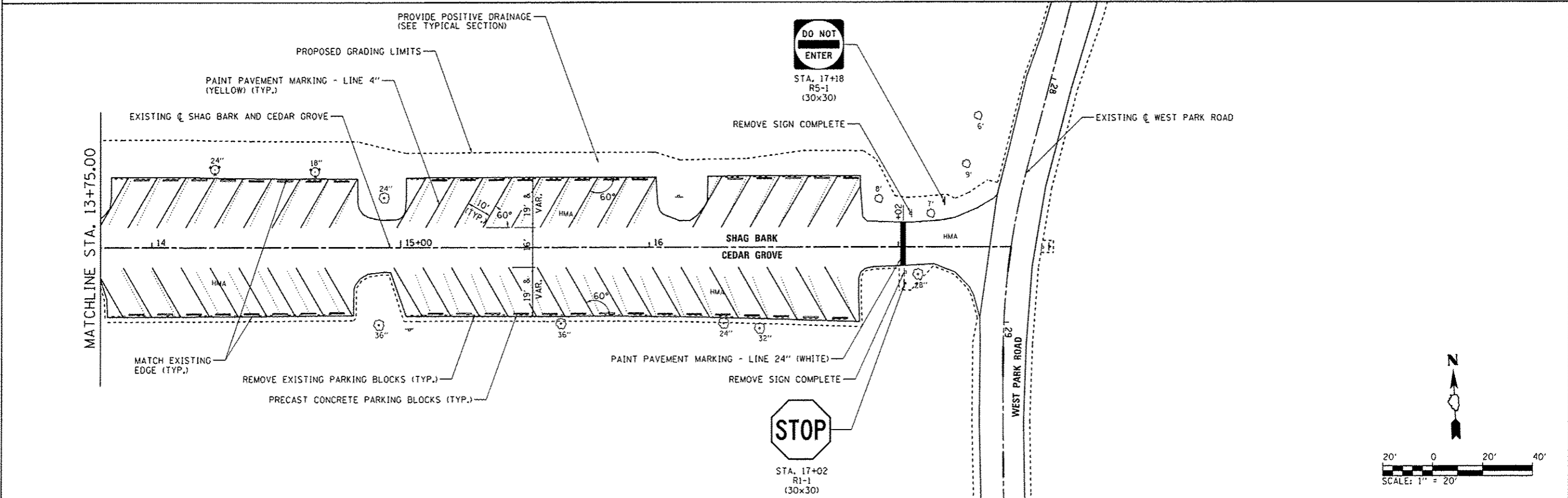
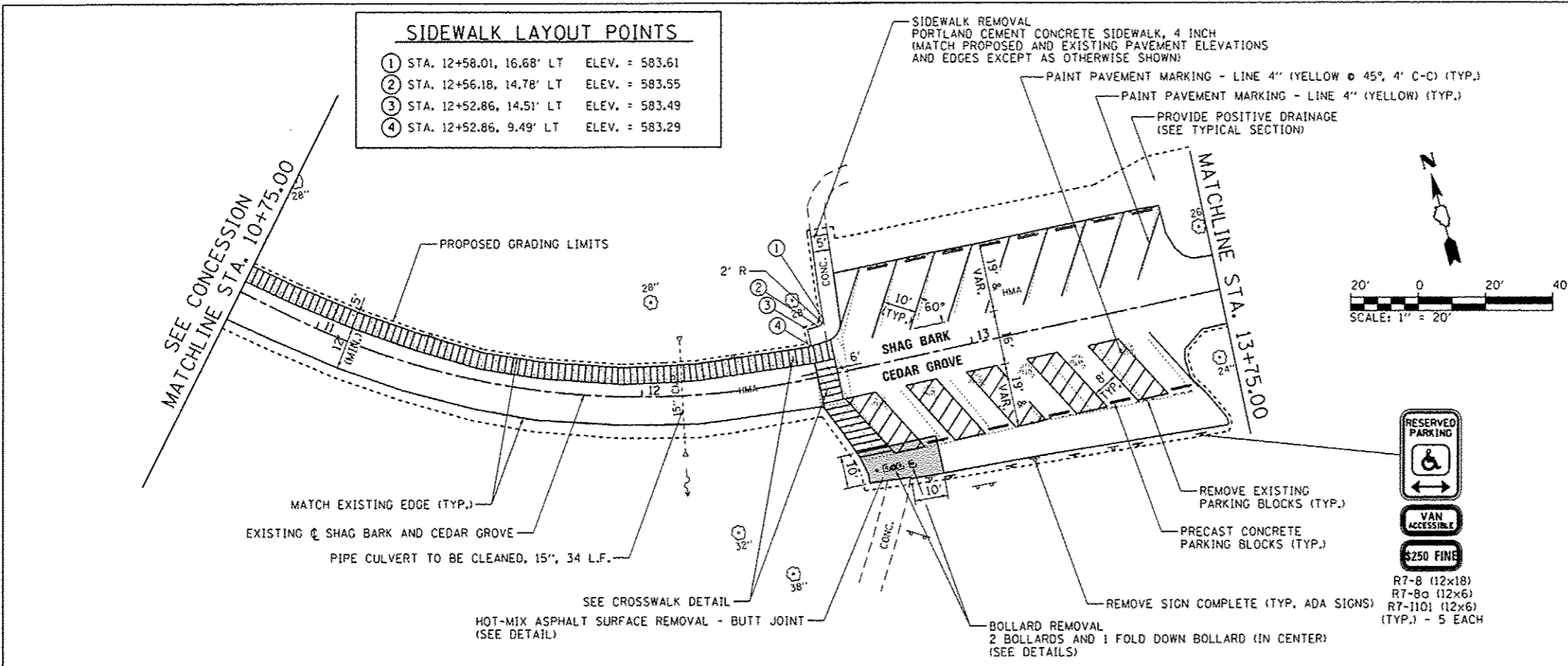


SIDEWALK LAYOUT POINTS

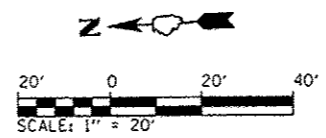
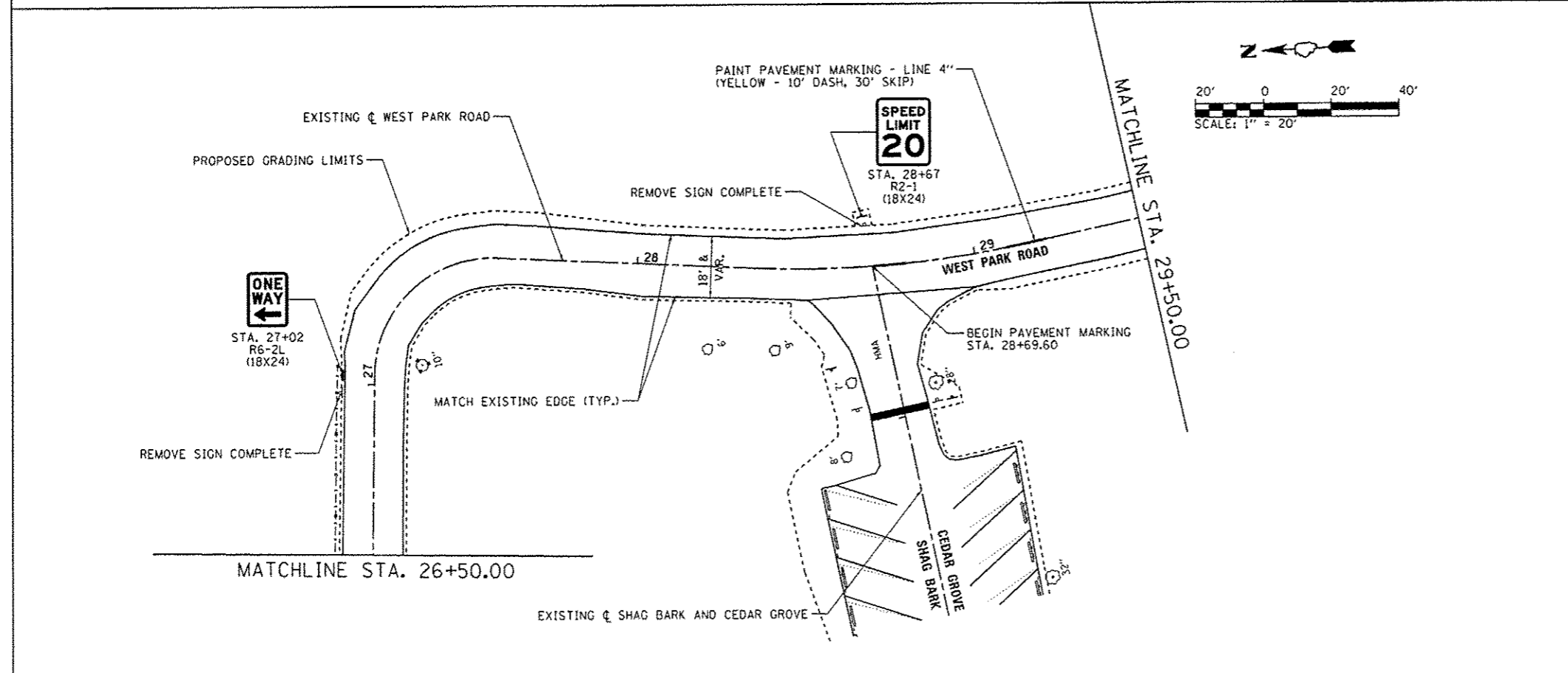
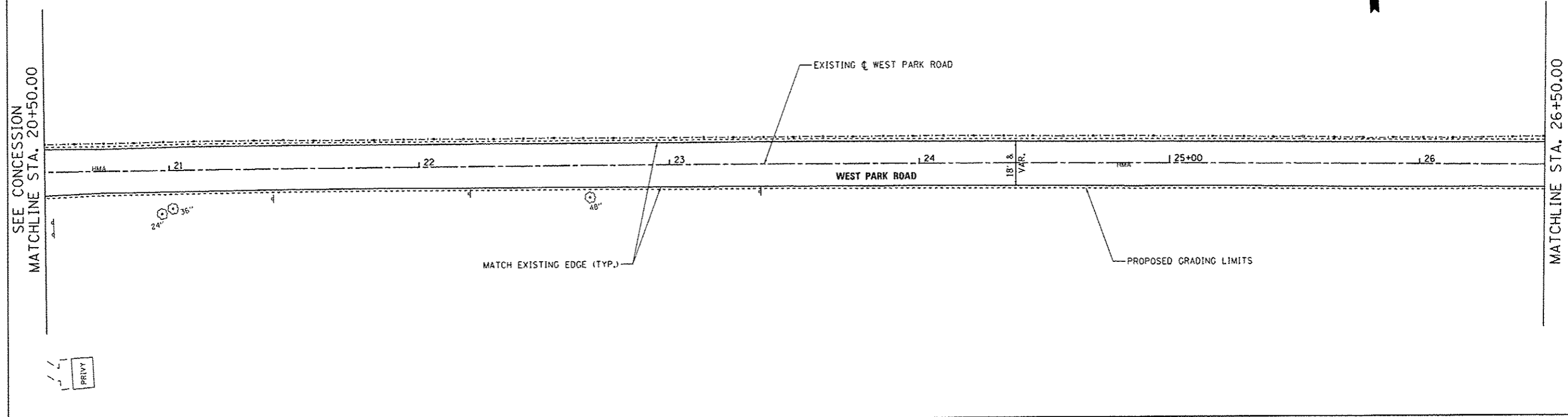
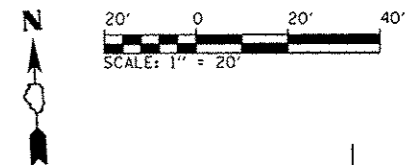
- ① STA. 12+58.01, 16.68' LT ELEV. = 583.61
- ② STA. 12+56.18, 14.78' LT ELEV. = 583.55
- ③ STA. 12+52.86, 14.51' LT ELEV. = 583.49
- ④ STA. 12+52.86, 9.49' LT ELEV. = 583.29

BILL OF MATERIALS - SHAG BARK & CEDAR GROVE

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	1
TOPSOIL FURNISH AND PLACE, 4"	SO YD	651
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	27
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	344.6
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	177
SIDEWALK REMOVAL	SO FT	152
AGGREGATE WEDGE SHOULDER, TYPE B	TON	21.2
SIGN PANEL - TYPE 1	SO FT	26
WOOD SIGN SUPPORT	FOOT	105
PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,896
PAINT PAVEMENT MARKING - LINE 6"	FOOT	208
PAINT PAVEMENT MARKING - LINE 12"	FOOT	378
PAINT PAVEMENT MARKING - LINE 24"	FOOT	18
REMOVE EXISTING PARKING BLOCKS	EACH	61
PRECAST CONCRETE PARKING BLOCK	EACH	57
FOLD DOWN BOLLARDS	EACH	1
BOLLARD REMOVAL	EACH	3
PIPE CULVERTS TO BE CLEANED 15"	FOOT	34
REMOVE SIGN COMPLETE	EACH	5
BOLLARDS	EACH	2
BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,385



FILE NAME : L:\100T\1186618\W0.15\Draw\CADD_Sheets\046251\shg&cedar\WestParkRoad-0055\toplan.dgn	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - SHAG BARK AND CEDAR GROVE KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLLOT SCALE : 40.0000' / in.	DRAWN - RAH	REVISED -			WEST PARK ROAD	*	ILLINOIS	140	47	
Default	PLLOT DATE : 4/6/2013	CHECKED - BJD	REVISED -			SCALE: 1" = 20'		SHEET 1 OF 1 SHEETS		STA. 10+75 TO STA. 17+45.53	
	DATE - 3/29/2013	DATE - 3/29/2013	REVISED -			* WILL & KANKAKEE		CONTRACT NO. 46251		ILLINOIS FED. AID PROJECT	

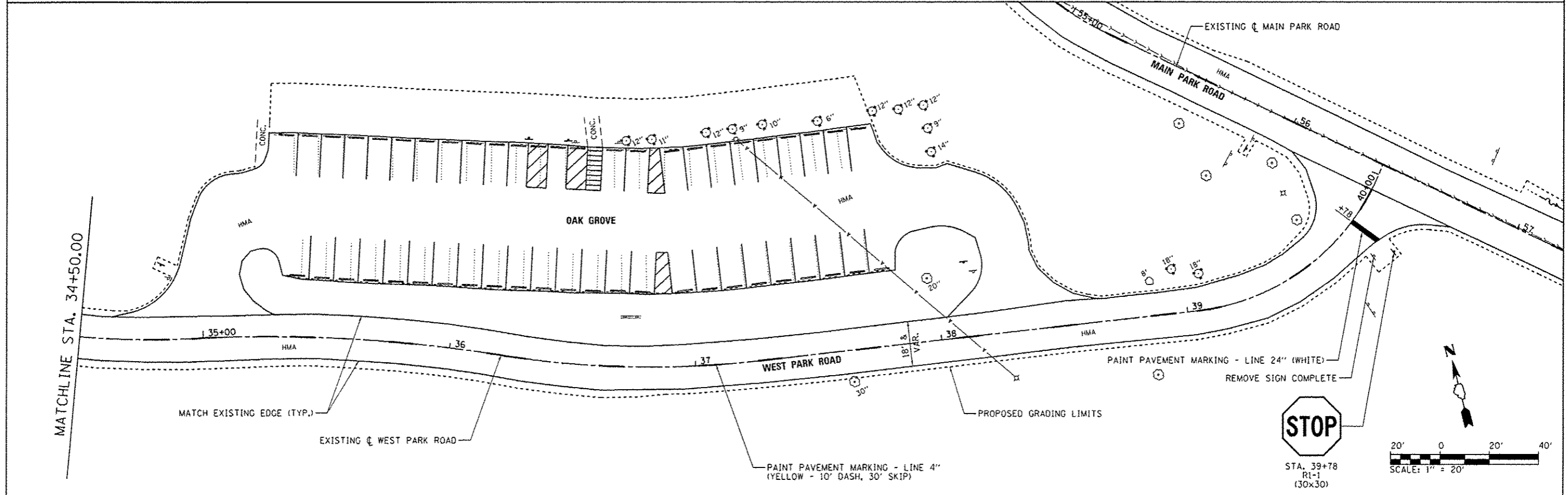
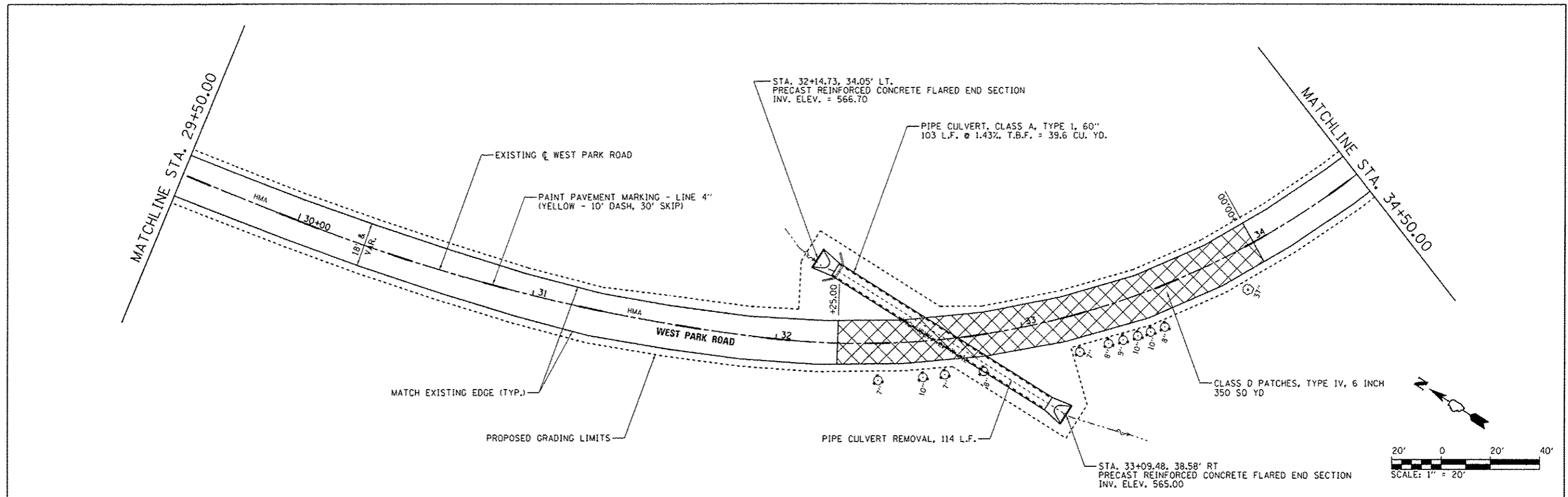


BILL OF MATERIALS - WEST PARK ROAD

ITEM	UNIT	TOTAL
TRENCH BACKFILL	CU YD	39.6
TOPSOIL FURNISH AND PLACE, 4"	SO YD	220
LEVELING BINDER (MACHINE METHOD), N50	TON	59.5
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	445.7
CLASS D PATCHES, TYPE IV, 6 INCH	SO YD	350
AGGREGATE WEDGE SHOULDER, TYPE B	TON	48.7
PIPE CULVERTS REMOVAL	FOOT	114
PIPE CULVERTS, CLASS A, TYPE 1 60"	FOOT	103
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	2
SIGN PANEL - TYPE 1	SO FT	13
WOOD SIGN SUPPORT	FOOT	44
PAINT PAVEMENT MARKING - LINE 4"	FOOT	280
PAINT PAVEMENT MARKING - LINE 24"	FOOT	14
REMOVE SIGN COMPLETE	EACH	3
BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,356

• PATCHING QUANTITIES ARE ESTIMATED AND SHALL ONLY BE USED AT THE DISCRETION OF THE ENGINEER.

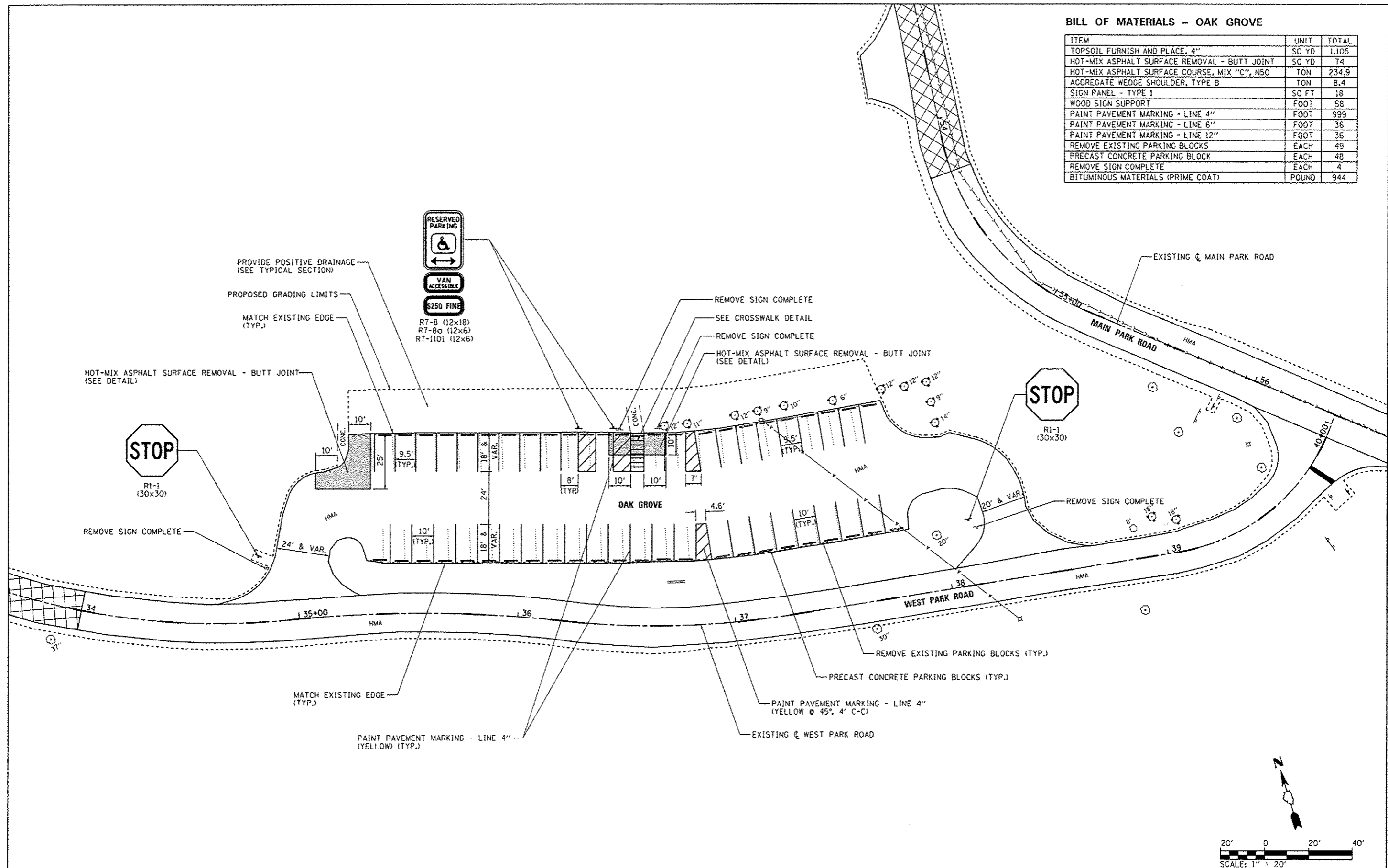
FILE NAME :	USER NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - WEST PARK ROAD KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1007\1186610\10.15\00\CA00.Sheets\0146251-site-WestParkRoad-B065SitePlan.dgn	Brad Dornen	MJO				PARK ROADS			140	48
PLOT SCALE :	CHECKED -	REVISED -				• WILL & KANKAKEE	CONTRACT NO. 46251			
10.0000 1/4" = 1'	BJD					ILLINOIS FED. AID PROJECT				
PLOT DATE :	DATE -	REVISED -				SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS	STA. 20+50 TO STA. 29+50		
4/6/2013	3/29/2013									



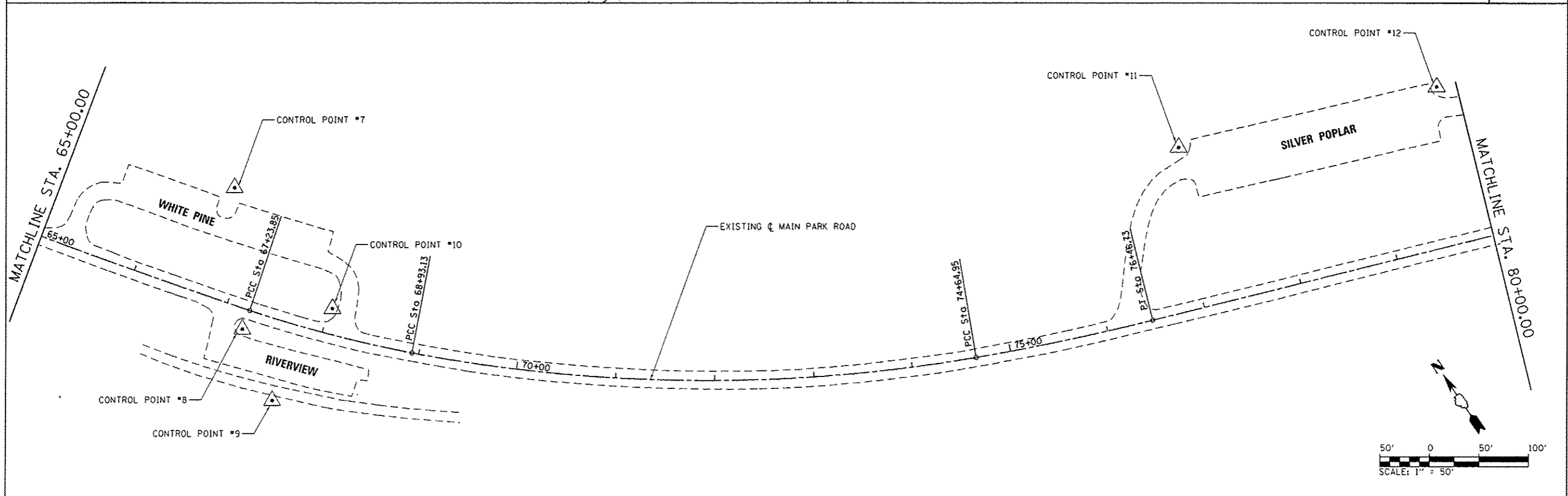
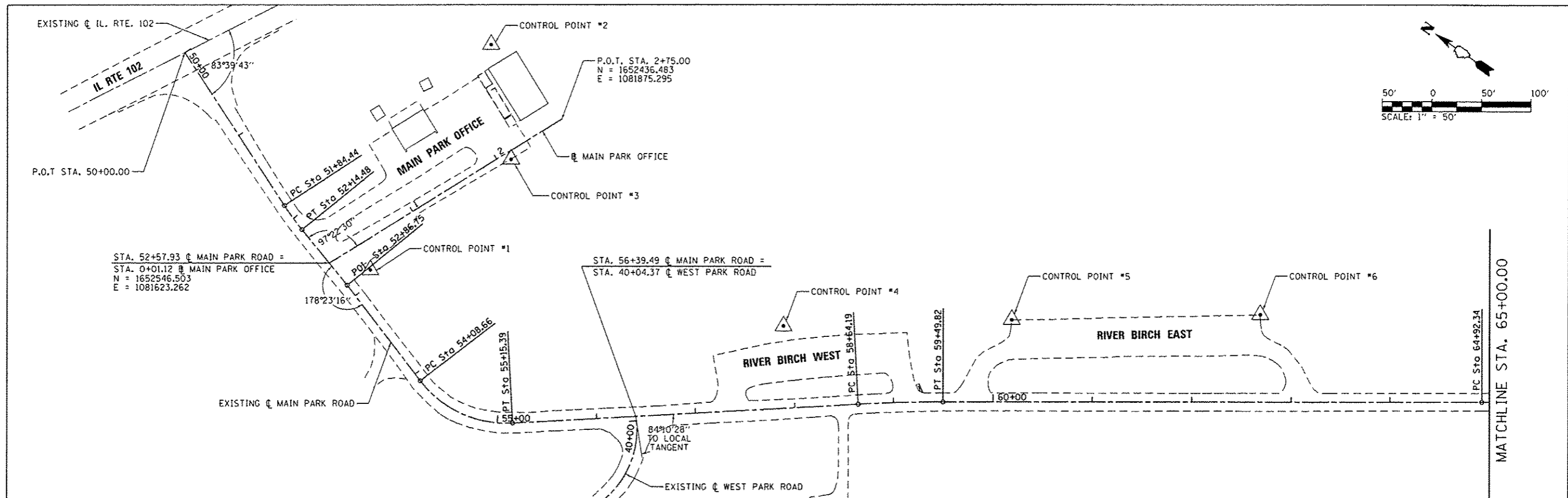
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L:\1001\3106618\W0.15\NO-CONCADD_Sheets\046251-sh-WestParkRoad-887SitePlan.dgn	Brod Downen	MJO				PARK ROADS		140	49	
Default	PLOT SCALE :	CHECKED :	REVISED :			* WILL & KANKAKEE	CONTRACT NO. 46251	ILLINOIS FED. AID PROJECT		
	40.0000' / in.	BJD								
	PLOT DATE :	DATE :	REVISED :	SCALE: 1" = 20'	SHEET 2 OF 2 SHEETS	STA. 29+50 TO STA. 40+04.37				
	4/6/2013	3/29/2013								

BILL OF MATERIALS - OAK GROVE

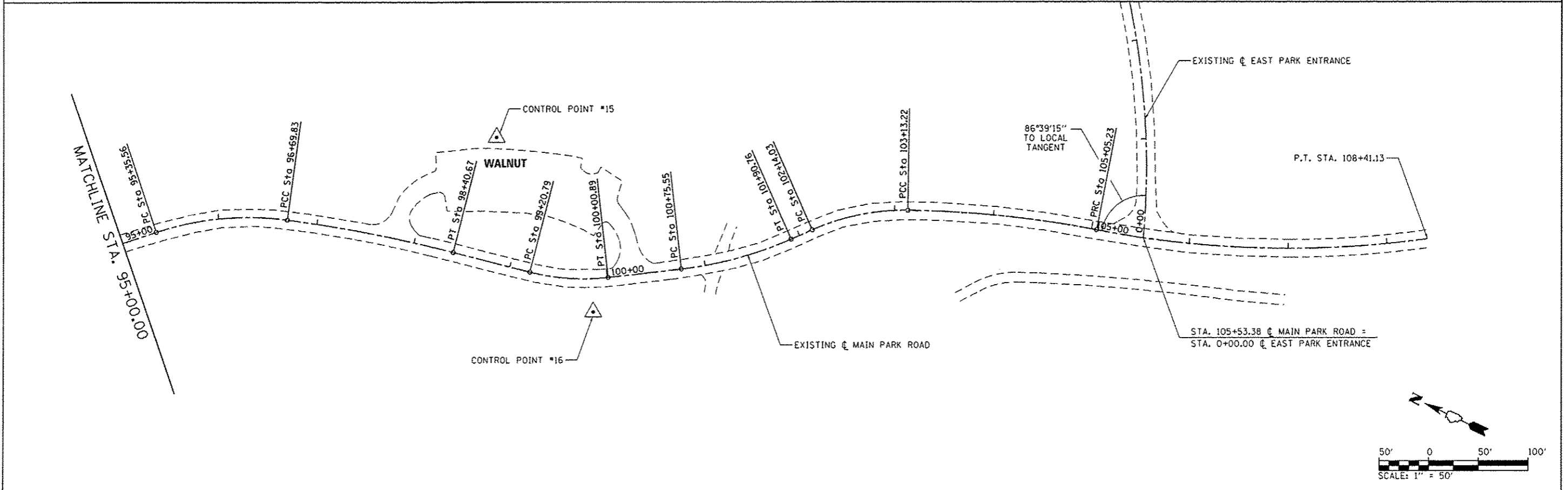
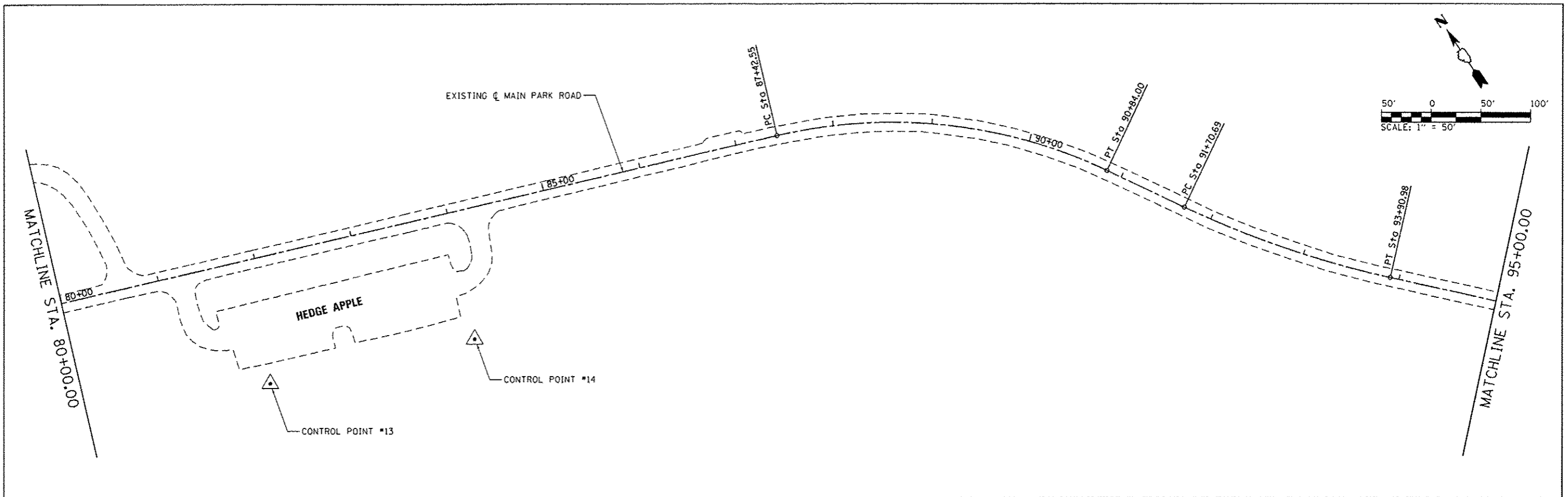
ITEM	UNIT	TOTAL
TOPSOIL FURNISH AND PLACE, 4"	SO YD	1,105
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	74
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	234.9
AGGREGATE WEDGE SHOULDER, TYPE B	TON	8.4
SIGN PANEL - TYPE 1	SO FT	18
WOOD SIGN SUPPORT	FOOT	58
PAINT PAVEMENT MARKING - LINE 4"	FOOT	999
PAINT PAVEMENT MARKING - LINE 6"	FOOT	36
PAINT PAVEMENT MARKING - LINE 12"	FOOT	36
REMOVE EXISTING PARKING BLOCKS	EACH	49
PRECAST CONCRETE PARKING BLOCK	EACH	48
REMOVE SIGN COMPLETE	EACH	4
BITUMINOUS MATERIALS (PRIME COAT)	POUND	944



FILE NAME :	USER NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - OAK GROVE KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1007\1106610\W9.15\Draw\CADD\Sheets\106251\Site\WestParkRoad-0005SitePlan.dgn	Brad Downen	MJD				PARK ROADS			140	50
Default		RAH				• WILL & KANKAKEE		CONTRACT NO. 46251		
		BJD				ILLINOIS FED. AID PROJECT				
	PLOT SCALE : 48.0000 1/1 in.	CHECKED -	REVISED -	SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.			
	PLOT DATE : 4/6/2013	DATE -	REVISED -							

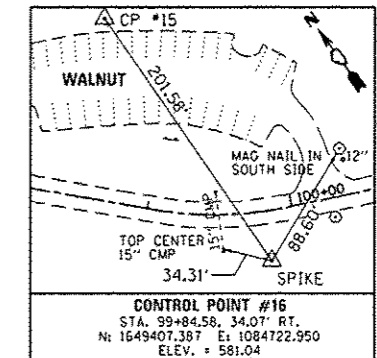
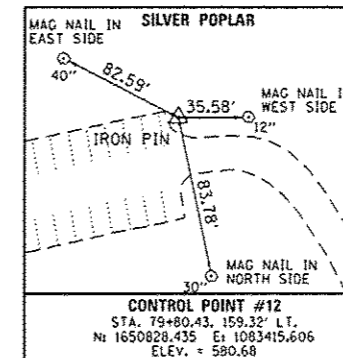
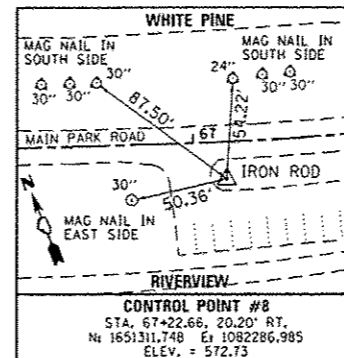
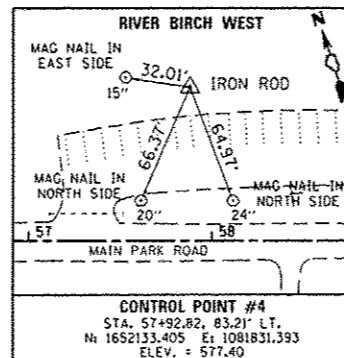
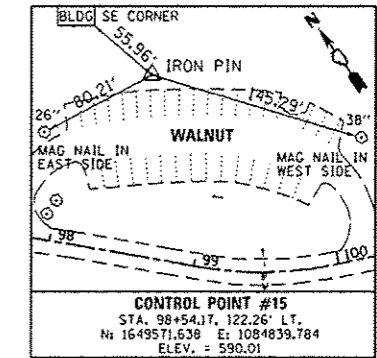
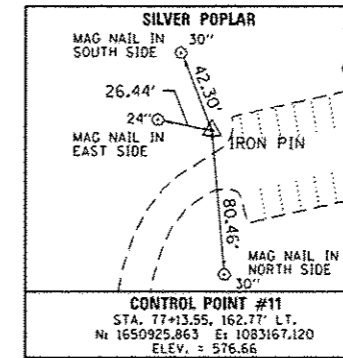
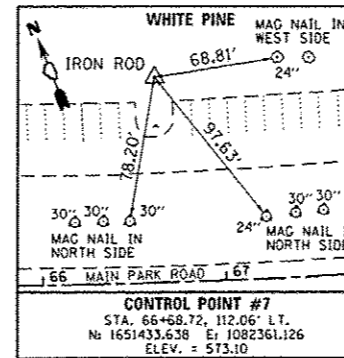
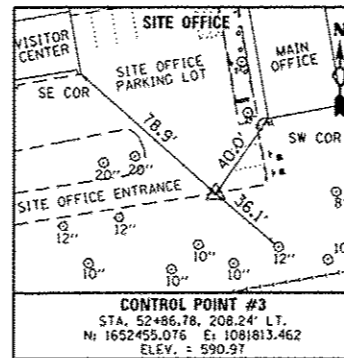
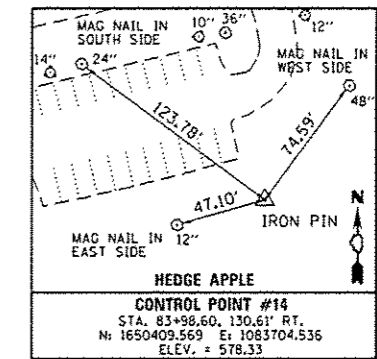
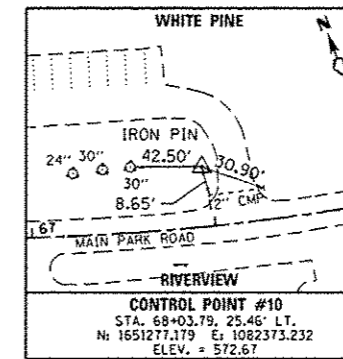
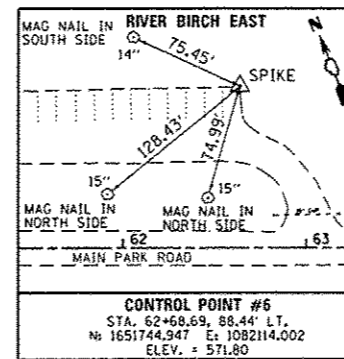
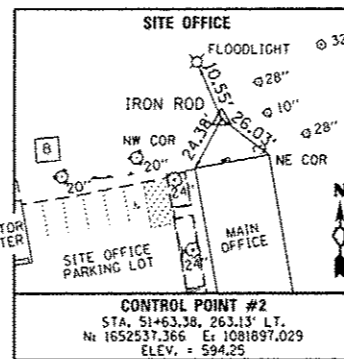
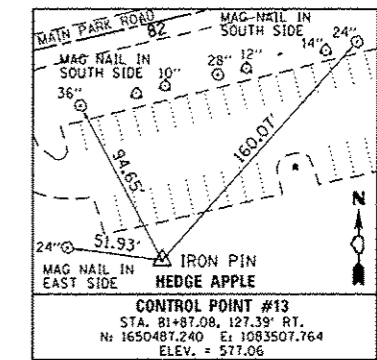
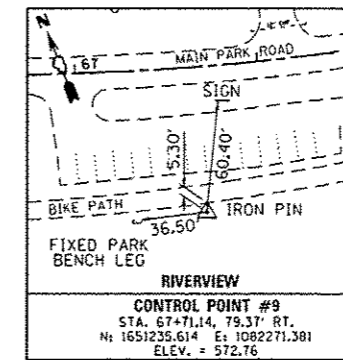
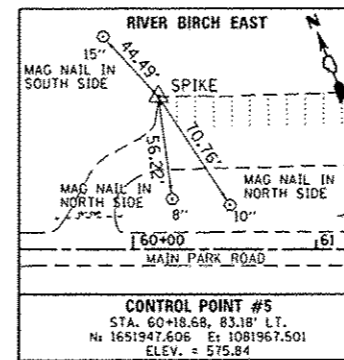
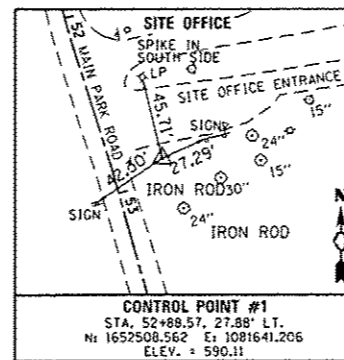


FILE NAME =	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT - MAIN PARK ROAD KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\100T\1100G18\W0.15\VD-00\VCADD\Sheets\1100G18\46251\shc>MainPark-08\Alignment.dgn	DRAWN - RAH	CHECKED - BJD	DATE - 3/29/2013			PARK ROADS			140	51
Default	PLOT SCALE = 100.0000 / in.					WILL & KANKAKEE		CONTRACT NO. 46251		
	PLOT DATE = 4/6/2013					ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 50'	SHEET 1 OF 4 SHEETS	STA. 50+00	TO STA. 80+00		



FILE NAME : L:\100\1186618\15\0-CAADD_Sheets\46251-shc-MainPark+002A\alignment.dgn Default	USER NAME : Brad Downen 46251-shc-MainPark+002A\alignment.dgn	DESIGNED - MJJ DRAWN - RAH	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT - MAIN PARK ROAD KANKAKEE RIVER STATE PARK	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	COUNTY TOTAL SHEETS SHEET NO.	CONTRACT NO. 46251 ILLINOIS/FED. AID PROJECT
	PLOT SCALE : 100.0000' / 1"	CHECKED - BJD DATE - 3/29/2013	SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. 80+00 TO STA. 108+38.29			COUNTY TOTAL SHEETS SHEET NO.		
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	STA. 80+00 TO STA. 108+38.29			COUNTY TOTAL SHEETS SHEET NO.		
	DATE - 3/29/2013	DATE - 3/29/2013	STA. 80+00 TO STA. 108+38.29			COUNTY TOTAL SHEETS SHEET NO.		

CONTROL POINTS



FILE NAME =	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -
L:\1001\1186618\VD-15\0-a\CADD_Sheets\1046251-shs-MainPark-083\Alignment.dgn		DRAWN - RAH	REVISED -
Default	PLOT SCALE = 100.0000' / 1"	CHECKED - BJD	REVISED -
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT - MAIN PARK ROAD
 KANKAKEE RIVER STATE PARK

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	53
• WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				

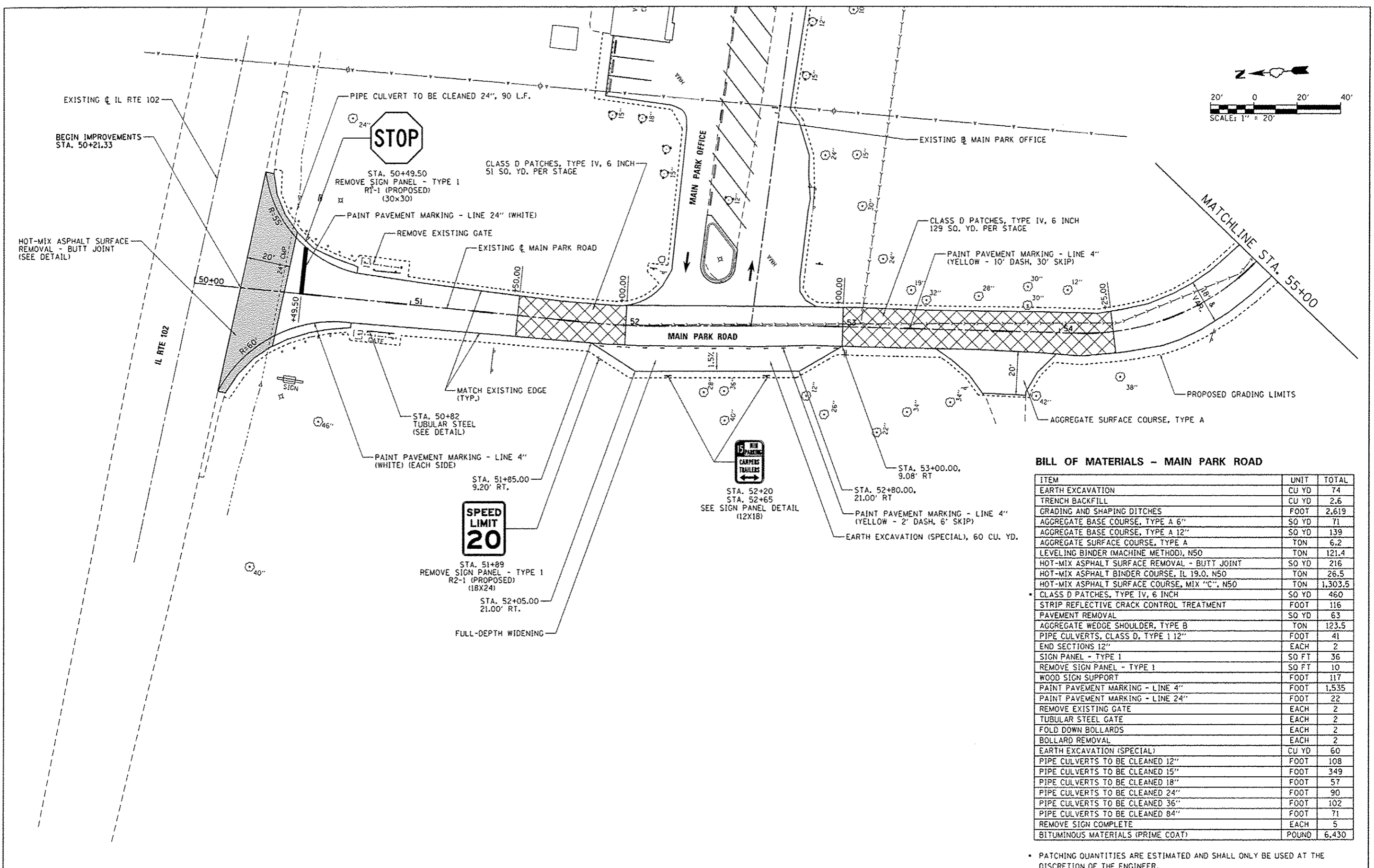
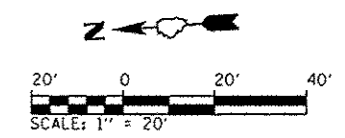
CURVE DATA

<p>EXIST. ϕ MAIN PARK ROAD CURVE-1 DATA PI STA. = 51+99.47 Δ = 5° 50' 07" (LT) D = 19° 25' 20" R = 295.00' T = 15.03' L = 30.04' E = 0.38' P.C. STA = 51+84.44 P.T. STA = 52+14.48</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-7 DATA PI STA. = 75+55.88 Δ = 4° 17' 10" (LT) D = 2° 21' 28" R = 2,430.00' T = 90.93' L = 181.78' E = 1.70' P.C.C. STA = 74+64.95 P.T. STA = 76+46.73</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-13 DATA PI STA. = 101+33.60 Δ = 17° 22' 13" (LT) D = 15° 04' 40" R = 380.00' T = 58.05' L = 115.20' E = 4.41' P.C. STA = 100+75.55 P.T. STA = 101+90.76</p>
<p>EXIST. ϕ MAIN PARK ROAD CURVE-2 DATA PI STA. = 54+66.65 Δ = 55° 35' 36" (LT) D = 52° 05' 13" R = 110.00' T = 57.99' L = 106.73' E = 14.35' P.C. STA = 54+08.66 P.T. STA = 55+15.39</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-8 DATA PI STA. = 89+19.95 Δ = 38° 21' 36" (RT) D = 11° 14' 04" R = 510.00' T = 177.40' L = 341.45' E = 29.97' P.C. STA = 87+42.55 P.T. STA = 90+84.00</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-14 DATA PI STA. = 102+64.41 Δ = 24° 42' 39" (RT) D = 24° 54' 40" R = 230.00' T = 50.38' L = 99.20' E = 5.45' P.C. STA = 102+14.03 P.C.C. STA = 103+13.22</p>
<p>EXIST. ϕ MAIN PARK ROAD CURVE-3 DATA PI STA. = 59+07.02 Δ = 3° 06' 55" (RT) D = 3° 38' 16" R = 1,575.00' T = 42.83' L = 85.63' E = 0.58' P.C. STA = 58+64.19 P.T. STA = 59+49.82</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-9 DATA PI STA. = 92+81.29 Δ = 12° 41' 06" (LT) D = 5° 45' 30" R = 995.00' T = 110.60' L = 220.29' E = 6.13' P.C. STA = 91+70.69 P.T. STA = 93+90.98</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-15 DATA PI STA. = 104+09.47 Δ = 10° 05' 33" (RT) D = 5° 15' 23" R = 1,090.00' T = 96.25' L = 192.00' E = 4.24' P.C.C. STA = 103+13.22 P.R.C. STA = 105+05.23</p>
<p>EXIST. ϕ MAIN PARK ROAD CURVE-4 DATA PI STA. = 66+08.11 Δ = 2° 16' 45" (LT) D = 0° 59' 04" R = 5,820.00' T = 115.77' L = 231.51' E = 1.15' P.C. STA = 64+92.34 P.C.C. STA = 67+23.85</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-10 DATA PI STA. = 96+03.88 Δ = 26° 04' 41" (RT) D = 19° 25' 20" R = 295.00' T = 68.32' L = 134.27' E = 7.81' P.C. STA = 95+35.56 P.C.C. STA = 96+69.83</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-16 DATA PI STA. = 106+74.71 Δ = 18° 52' 06" (LT) D = 5° 37' 02" R = 1,020.00' T = 169.48' L = 335.90' E = 13.99' P.R.C. STA = 105+05.23 P.T. STA = 108+41.13</p>
<p>EXIST. ϕ MAIN PARK ROAD CURVE-5 DATA PI STA. = 68+08.62 Δ = 7° 45' 34" (LT) D = 4° 35' 01" R = 1,250.00' T = 84.77' L = 169.28' E = 2.87' P.C.C. STA = 67+23.85 P.C.C. STA = 68+93.13</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-11 DATA PI STA. = 97+55.35 Δ = 6° 42' 16" (RT) D = 3° 55' 28" R = 1,460.00' T = 85.52' L = 170.84' E = 2.50' P.C.C. STA = 96+69.83 P.T. STA = 98+40.67</p>	
<p>EXIST. ϕ MAIN PARK ROAD CURVE-6 DATA PI STA. = 71+82.08 Δ = 20° 20' 59" (LT) D = 3° 33' 31" R = 1,610.00' T = 288.95' L = 571.82' E = 25.72' P.C.C. STA = 68+93.13 P.C.C. STA = 74+64.95</p>	<p>EXIST. ϕ MAIN PARK ROAD CURVE-12 DATA PI STA. = 99+61.29 Δ = 20° 51' 40" (LT) D = 26° 02' 37" R = 220.00' T = 40.50' L = 80.10' E = 3.70' P.C. STA = 99+20.79 P.T. STA = 100+00.89</p>	

COORDINATE DATA

<p>P.O.T. STA. 50+00.00 N. : 1652787.557 E. : 1081714.450</p>	<p>P.I. STA. 71+82.08 N. : 1650989.516 E. : 1082617.646</p>	<p>P.C. STA. 99+20.79 N. : 1649483.145 E. : 1084732.291</p>
<p>P.C. STA. 51+84.44 N. : 1652616.603 E. : 1081645.231</p>	<p>P.C.C. STA. 74+64.95 N. : 1650867.609 E. : 1082879.625</p>	<p>P.I. STA. 99+61.29 N. : 1649443.374 E. : 1084739.932</p>
<p>P.I. STA. 51+99.47 N. : 1652602.667 E. : 1081639.588</p>	<p>P.I. STA. 75+55.88 N. : 1650829.246 E. : 1082962.069</p>	<p>P.T. STA. 100+00.89 N. : 1649408.930 E. : 1084761.235</p>
<p>P.T. STA. 52+14.48 N. : 1652588.229 E. : 1081635.391</p>	<p>P.T. STA. 76+46.73 N. : 1650797.151 E. : 1083047.150</p>	<p>P.C. STA. 100+75.55 N. : 1649345.434 E. : 1084800.506</p>
<p>P.O.I. STA. 52+86.75 N. : 1652518.833 E. : 1081615.219</p>	<p>P.C. STA. 87+42.55 N. : 1650410.381 E. : 1084072.449</p>	<p>P.I. STA. 101+33.60 N. : 1649296.065 E. : 1084831.040</p>
<p>P.C. STA. 54+08.66 N. : 1652402.769 E. : 1081577.911</p>	<p>P.I. STA. 89+19.95 N. : 1650347.767 E. : 1084238.433</p>	<p>P.T. STA. 101+90.76 N. : 1649258.064 E. : 1084874.919</p>
<p>P.I. STA. 54+66.65 N. : 1652347.563 E. : 1081560.164</p>	<p>P.T. STA. 90+84.00 N. : 1650195.661 E. : 1084329.728</p>	<p>P.C. STA. 102+14.03 N. : 1649242.829 E. : 1084892.511</p>
<p>P.T. STA. 55+15.39 N. : 1652301.727 E. : 1081595.684</p>	<p>P.C. STA. 91+70.69 N. : 1650121.328 E. : 1084374.342</p>	<p>P.I. STA. 102+64.41 N. : 1649209.847 E. : 1084930.596</p>
<p>P.C. STA. 58+64.19 N. : 1652026.026 E. : 1081809.334</p>	<p>P.I. STA. 92+81.29 N. : 1650026.501 E. : 1084431.258</p>	<p>P.C.C. STA. 103+13.22 N. : 1649163.963 E. : 1084951.405</p>
<p>P.I. STA. 59+07.02 N. : 1651992.173 E. : 1081835.568</p>	<p>P.T. STA. 93+90.98 N. : 1649946.486 E. : 1084507.607</p>	<p>P.I. STA. 104+09.47 N. : 1649076.307 E. : 1084991.159</p>
<p>P.T. STA. 59+49.82 N. : 1651956.945 E. : 1081859.923</p>	<p>P.C. STA. 95+35.56 N. : 1649841.886 E. : 1084607.416</p>	<p>P.R.C. STA. 105+05.23 N. : 1648983.041 E. : 1085014.938</p>
<p>P.C. STA. 64+92.34 N. : 1651510.693 E. : 1082168.439</p>	<p>P.I. STA. 96+03.88 N. : 1649792.459 E. : 1084654.579</p>	<p>P.I. STA. 106+74.71 N. : 1648818.810 E. : 1085056.809</p>
<p>P.I. STA. 66+08.11 N. : 1651415.466 E. : 1082234.274</p>	<p>P.C.C. STA. 96+69.83 N. : 1649727.332 E. : 1084675.213</p>	<p>P.T. STA. 108+41.13 N. : 1648676.945 E. : 1085149.542</p>
<p>P.C.C. STA. 67+23.85 N. : 1651322.932 E. : 1082303.845</p>	<p>P.I. STA. 97+55.35 N. : 1649645.809 E. : 1084701.041</p>	
<p>P.I. STA. 68+08.62 N. : 1651255.175 E. : 1082354.787</p>	<p>P.T. STA. 98+40.67 N. : 1649561.828 E. : 1084717.175</p>	
<p>P.C.C. STA. 68+93.13 N. : 1651194.916 E. : 1082414.410</p>		

FILE NAME :	USER NAME : Brad Downen	DESIGNED - MJJ	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>ALIGNMENT - MAIN PARK ROAD KANKAKEE RIVER STATE PARK</p>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\DOT\1186618\W015\Drawn\CA00_Sheets\46251-shr-MainPark-68\Alignment.dgn	DRAWN - RAH	CHECKED - BJD	REVISED -						140	54	
Default	PLOT SCALE = 100.0000' / 1" in.	DATE - 3/29/2013	REVISED -			SCALE: N.T.S.	SHEET 4 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 46251	
	PLOT DATE = 4/6/2013									ILLINOIS FED. AID PROJECT	



BILL OF MATERIALS - MAIN PARK ROAD

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	74
TRENCH BACKFILL	CU YD	2.6
GRADING AND SHAPING DITCHES	FOOT	2,619
AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	71
AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	139
AGGREGATE SURFACE COURSE, TYPE A	TON	6.2
LEVELING BINDER (MACHINE METHOD), N50	TON	121.4
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	216
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	26.5
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,303.5
CLASS D PATCHES, TYPE IV, 6 INCH	SO YD	460
STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	116
PAVEMENT REMOVAL	SO YD	63
AGGREGATE WEDGE SHOULDER, TYPE B	TON	123.5
PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	41
END SECTIONS 12"	EACH	2
SIGN PANEL - TYPE 1	SO FT	36
REMOVE SIGN PANEL - TYPE 1	SO FT	10
WOOD SIGN SUPPORT	FOOT	117
PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,535
PAINT PAVEMENT MARKING - LINE 24"	FOOT	22
REMOVE EXISTING GATE	EACH	2
TUBULAR STEEL GATE	EACH	2
FOLD DOWN BOLLARDS	EACH	2
BOLLARD REMOVAL	EACH	2
EARTH EXCAVATION (SPECIAL)	CU YD	60
PIPE CULVERTS TO BE CLEANED 12"	FOOT	108
PIPE CULVERTS TO BE CLEANED 15"	FOOT	349
PIPE CULVERTS TO BE CLEANED 18"	FOOT	57
PIPE CULVERTS TO BE CLEANED 24"	FOOT	90
PIPE CULVERTS TO BE CLEANED 36"	FOOT	102
PIPE CULVERTS TO BE CLEANED 84"	FOOT	71
REMOVE SIGN COMPLETE	EACH	5
BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,430

* PATCHING QUANTITIES ARE ESTIMATED AND SHALL ONLY BE USED AT THE DISCRETION OF THE ENGINEER.

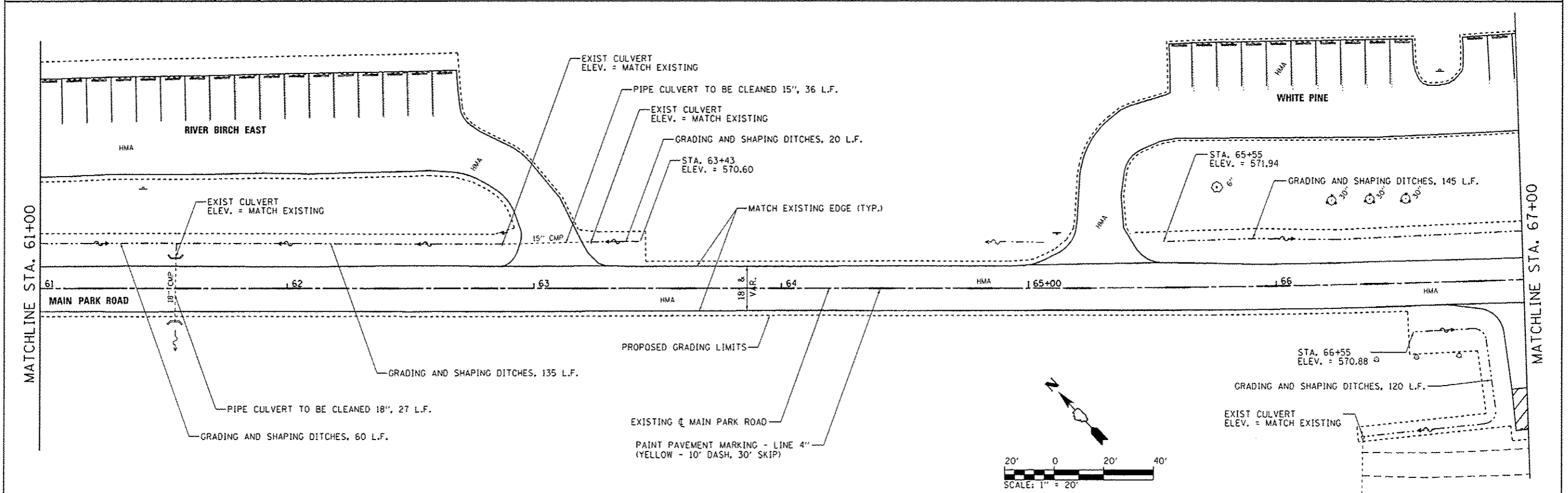
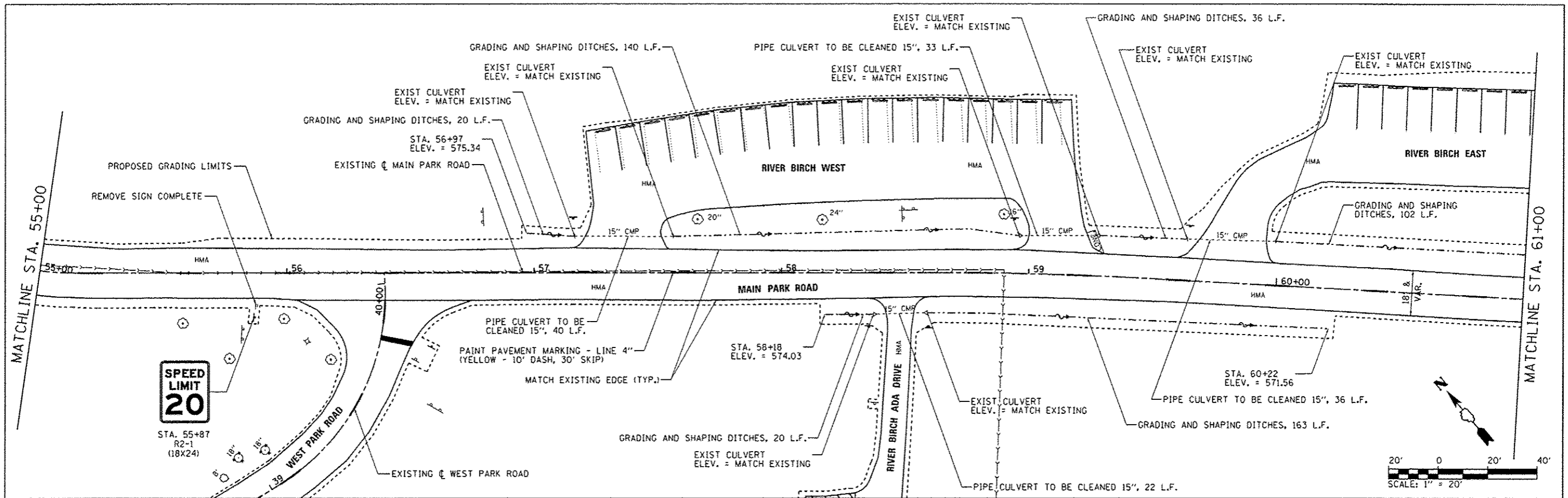
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L:\1007\1106251\1007\1510\01\CADD\Sheets\46251-sht-MainPark-0175\SitePlan01.dgn	Brad Downen	MJD	-
		DRAWN :	REVISED :
		RAH	-
		CHECKED :	REVISED :
		BJD	-
		DATE :	REVISED :
		3/29/2013	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

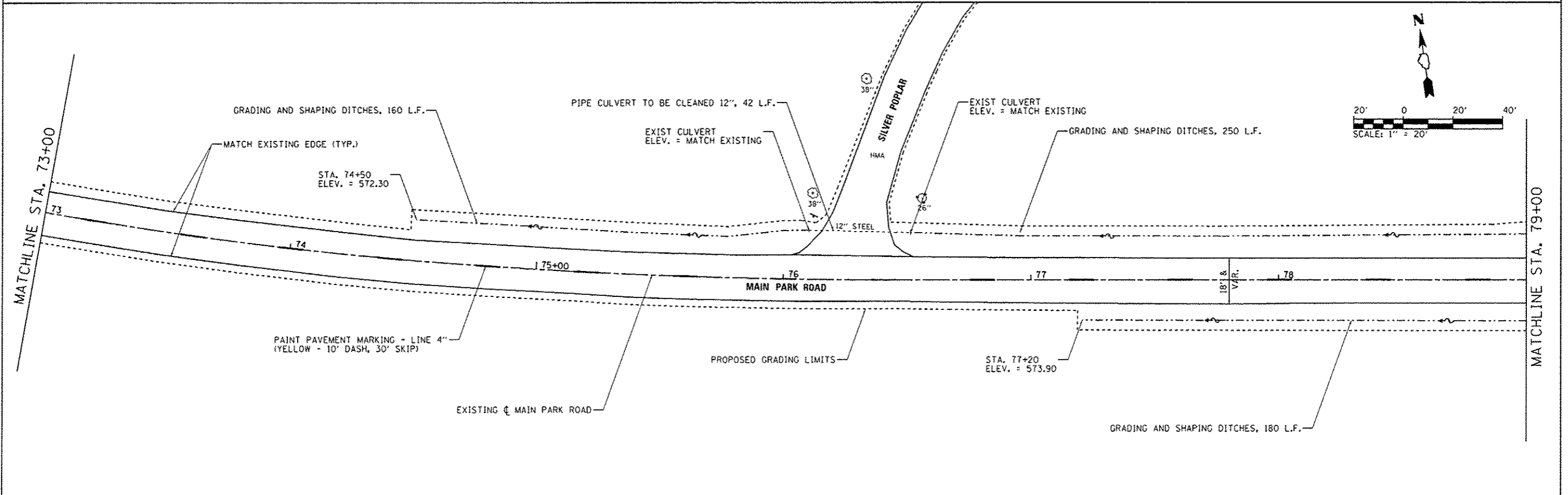
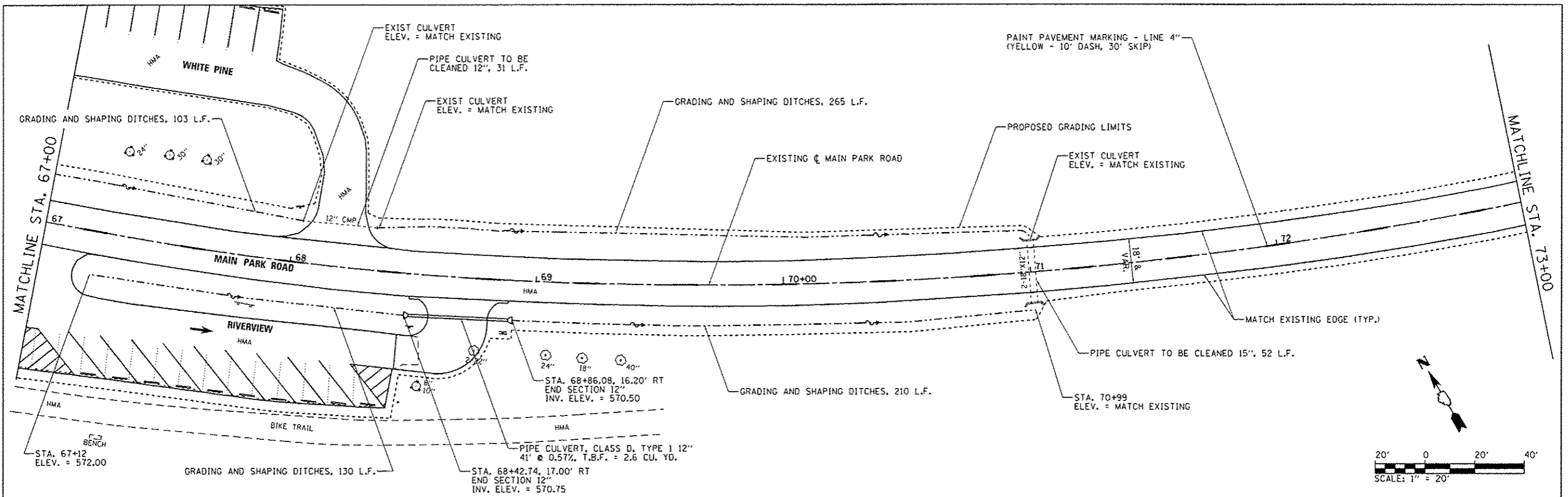
**SITE PLAN - MAIN PARK ROAD
KANKAKEE RIVER STATE PARK**

SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 50+00 TO STA. 55+00

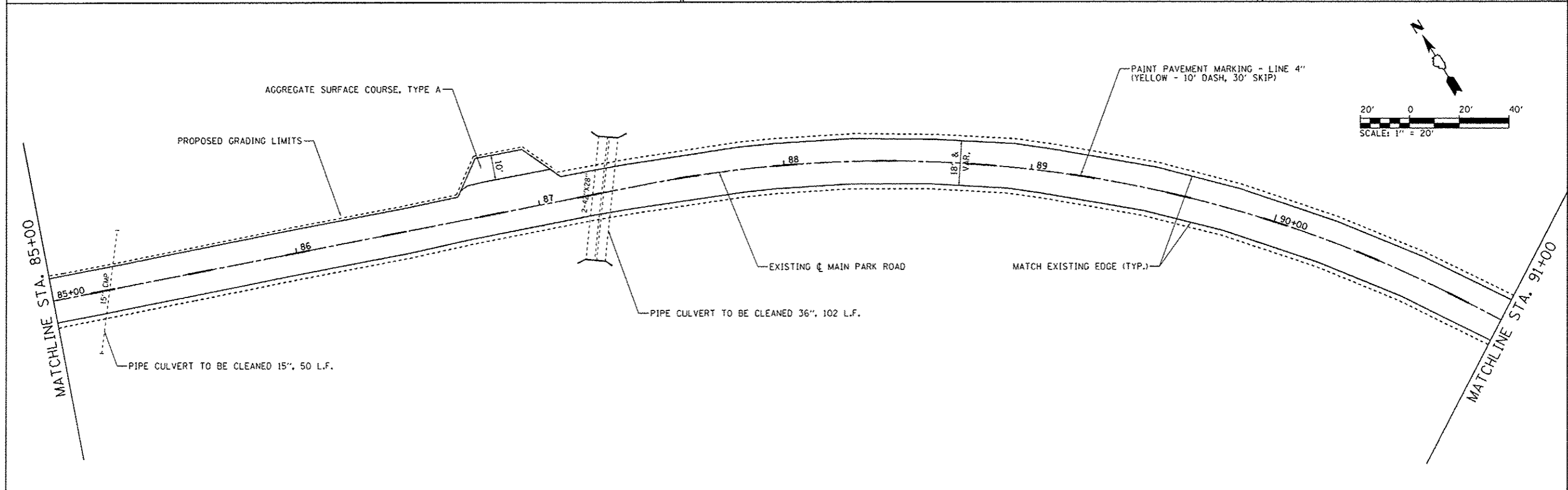
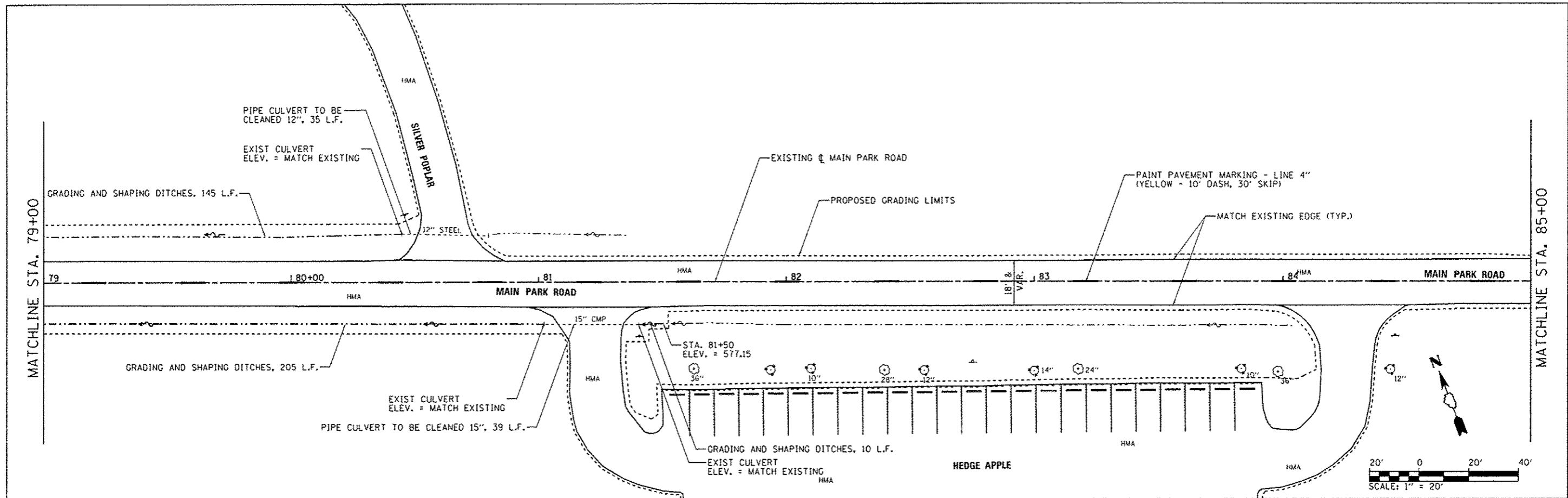
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	55
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



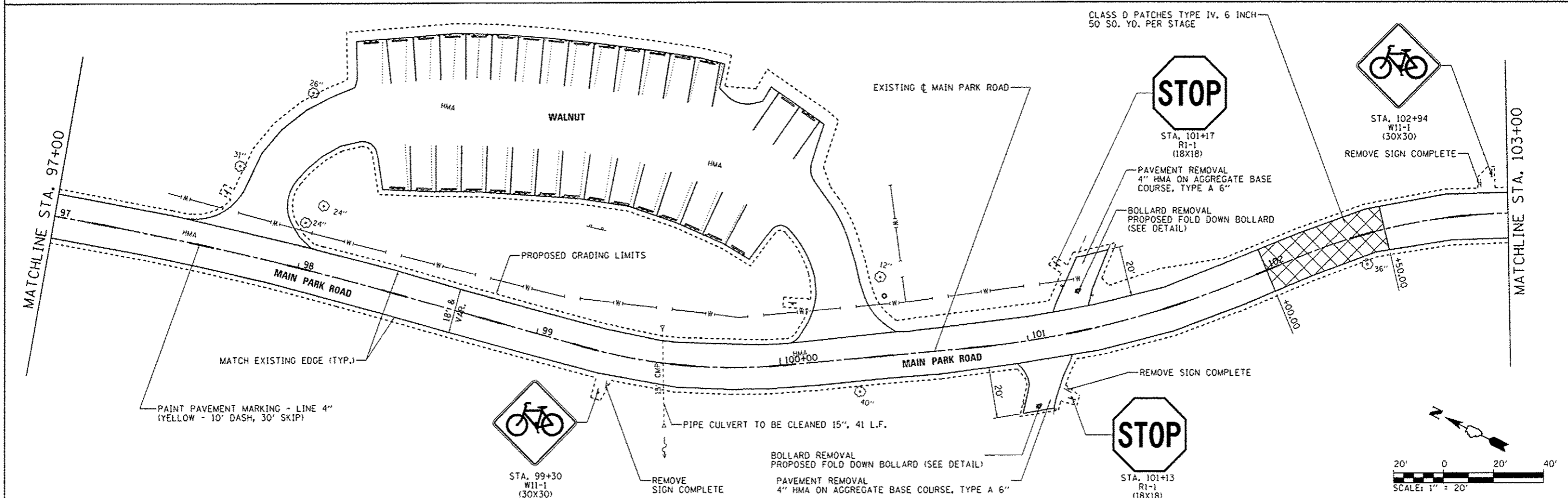
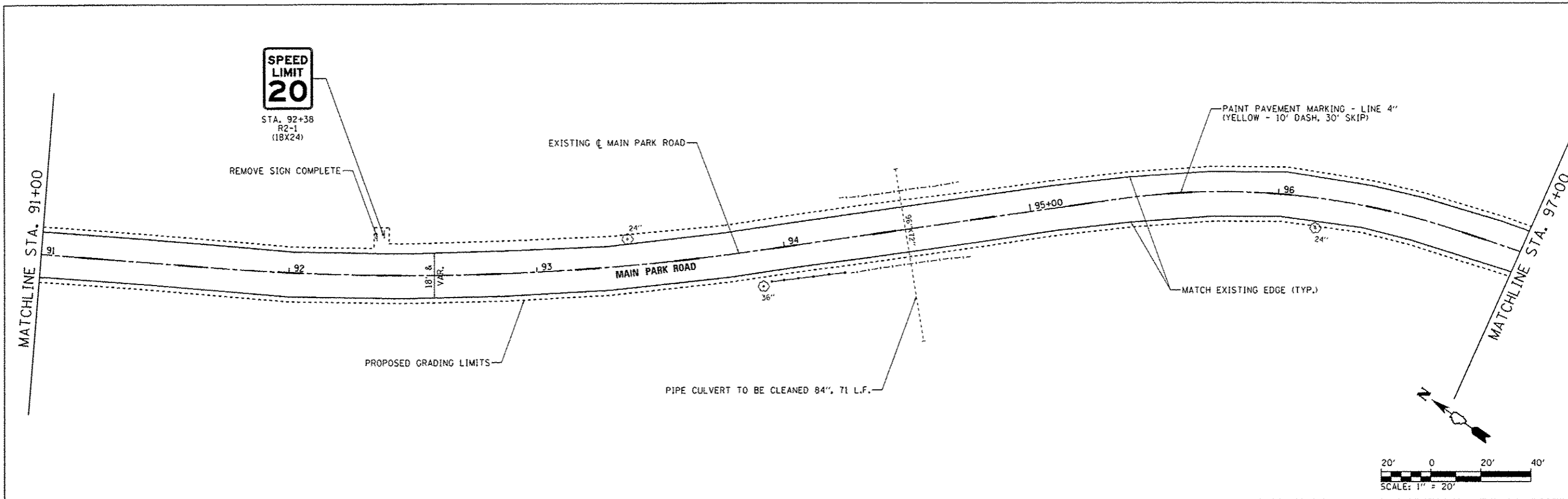
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Default	PLOT SCALE : 40.0000 / in.	CHECKED - BJD	REVISED -		SCALE: 1" = 20'	SHEET 2 OF 6 SHEETS	STA. 55+00 TO STA. 67+00	PARK ROADS	*	140	56
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -				* WILL & KANKAKEE		CONTRACT NO. 46251		
							ILLINOIS FED. AID PROJECT				



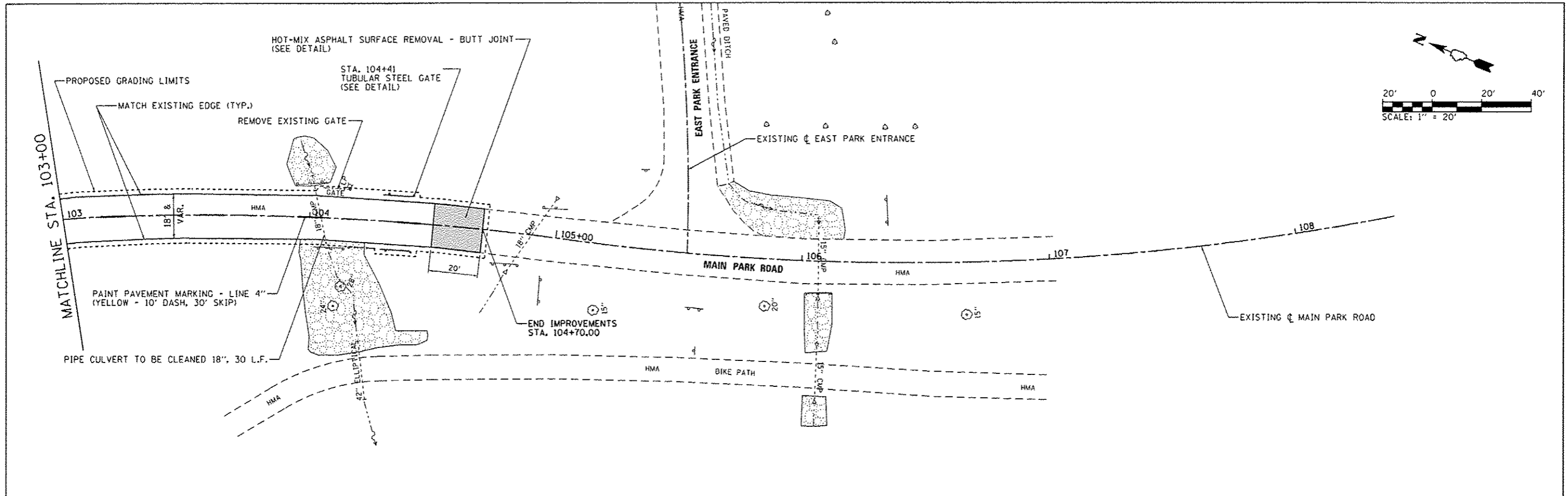
FILE NAME :	USER NAME : Brad Downen	DESIGNED ~ MJO	REVISED ~	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - MAIN PARK ROAD KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1007\1186618\1510-raw\CADD\Sheets\046251-shl-MainPark-019SitePlan03.dgn		DRAWN ~ RAN	REVISED ~			PARK ROADS	*	140	57	
Default	PLOT SCALE : 40.0000' / in.	CHECKED ~ BJD	REVISED ~			* WILL & KANKAKEE		CONTRACT NO. 46251		
	PLOT DATE : 4/6/2013	DATE ~ 3/29/2013	REVISED ~			ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'	SHEET 3 OF 6 SHEETS	STA. 67+00	TO STA. 79+00	



FILE NAME =	USER NAME = Brad Downen	DESIGNED - WJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - MAIN PARK ROAD KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1007\1106610\1510-00\1000_Sheets\046251-sht-MainPark-0205-sitePlan04.dgn	DRAWN - RAH	CHECKED - BJD	REVISED -			PARK ROADS	•	140	58	
Default	PLOT SCALE = 40.0000 1/16 in.	DATE - 3/29/2013	REVISED -			WILL & KANKAKEE	CONTRACT NO. 46251	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 4/6/2013							SCALE: 1" = 20'	SHEET 4 OF 6 SHEETS	STA. 79+00 TO STA. 91+00



FILE NAME : L:\1007\1186618\W0_15\CD-CADD_Sheets\046251-sht-MainPark-B2ISitePlan05.dgn	USER NAME : Brad Downen	DESIGNED - MJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - MAIN PARK ROAD KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION PARK ROADS	COUNTY *	TOTAL SHEETS 140	SHEET NO. 59		
Default	PLOT SCALE : 40.0000 / 1 in.	CHECKED - BJD	REVISED -			SCALE: 1" = 20'	SHEET 5 OF 6 SHEETS	STA. 91+00	TO STA. 103+00	CONTRACT NO. 46251		
	PLOT DATE : 4/5/2013	DATE - 3/29/2013	REVISED -			ILLINOIS FED. AID PROJECT						



FILE NAME =	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -
L:\1001\1186618\10-15\Draw\ACADD_Sheets\046251-shc-MainPark-022SitePlan86.dgn		DRAWN - RAH	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - BJD	REVISED -
Default	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

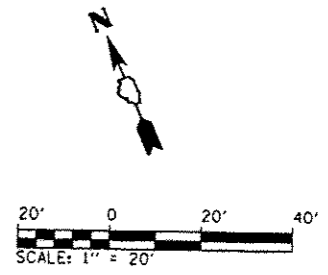
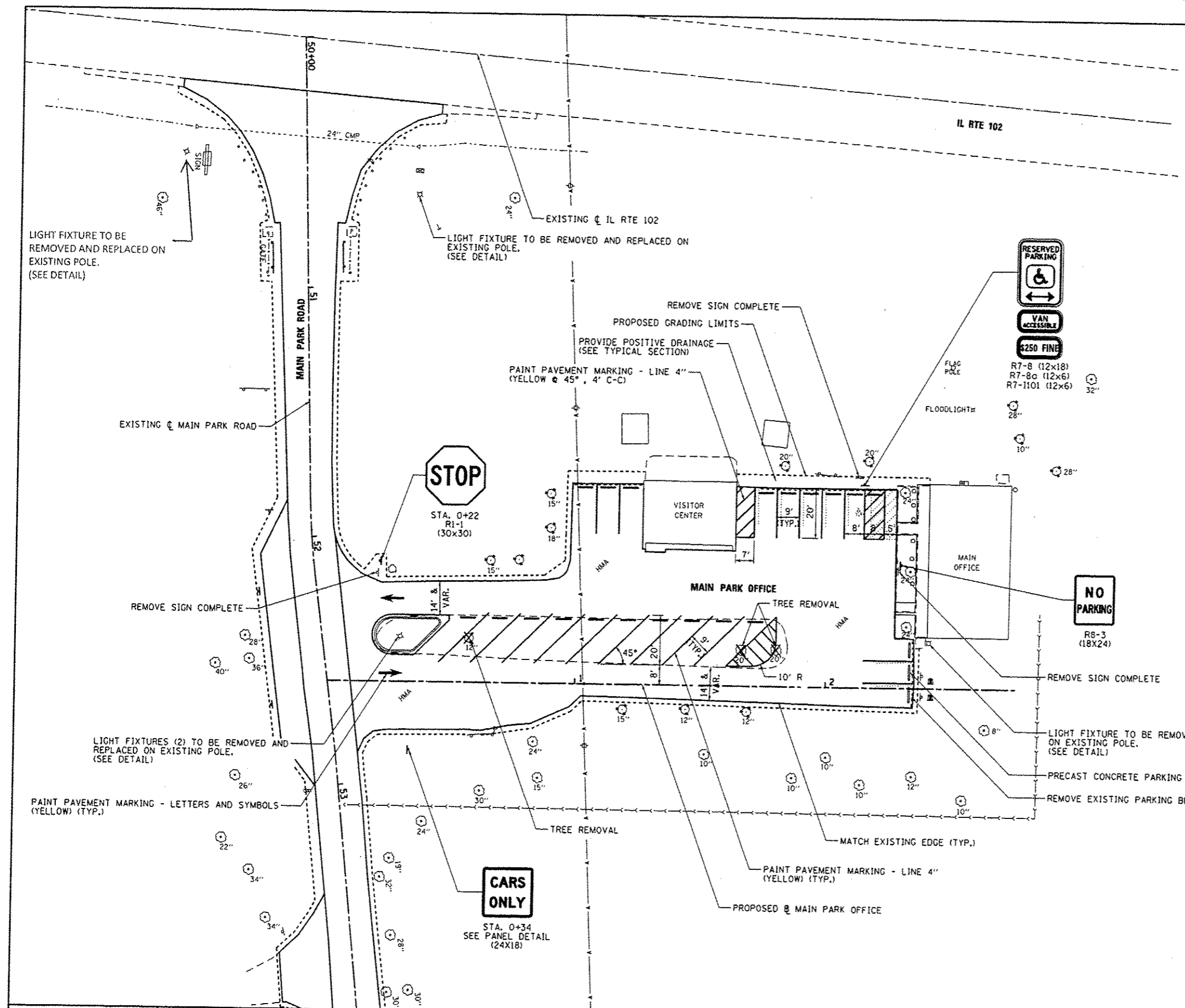
SITE PLAN - MAIN PARK ROAD
KANKAKEE RIVER STATE PARK

SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. 103+00 TO STA. 108+41.13

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	60
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS - MAIN PARK OFFICE

ITEM	UNIT	TOTAL
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12
TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	40
EARTH EXCAVATION	CU YD	472
TOPSOIL FURNISH AND PLACE, 4"	SQ YD	50
AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	802
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	98.2
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	192.1
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	389
PAVEMENT REMOVAL	SQ YD	502
SIDEWALK REMOVAL	SQ FT	318
STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	505
AGGREGATE WEDGE SHOULDER, TYPE B	TON	7.4
COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	66
SIGN PANEL - TYPE 1	SQ FT	15
WOOD SIGN SUPPORT	FOOT	58
PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	23
PAINT PAVEMENT MARKING - LINE 4"	FOOT	678
REMOVE EXISTING MARKING - LINE 4"	EACH	12
PRECAST CONCRETE PARKING BLOCK	EACH	22
LANDSCAPING GRAVEL	SQ YD	74
EARTH EXCAVATION (SPECIAL)	CU YD	105
REMOVE SIGN COMPLETE	EACH	3
LUMINAIRE (SPECIAL)	EACH	4
BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,349



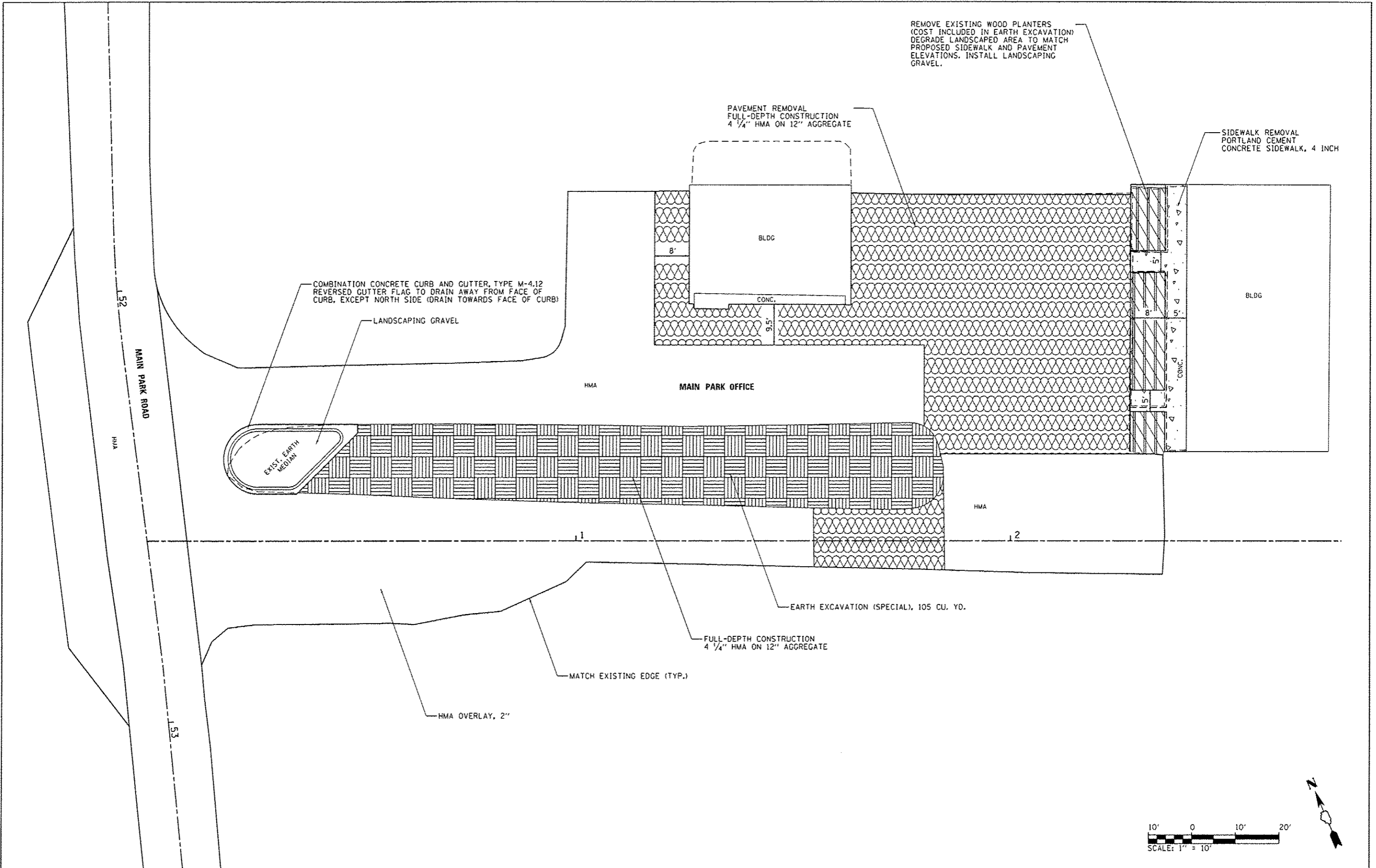
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Default		DRAWN	REVISED
		RAH	-
		CHECKED	REVISED
		BJD	-
		DATE	REVISED
		3/29/2013	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE PLAN - MAIN PARK OFFICE
KANKAKEE RIVER STATE PARK**

SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	61
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



REMOVE EXISTING WOOD PLANTERS
(COST INCLUDED IN EARTH EXCAVATION)
DEGRADE LANDSCAPED AREA TO MATCH
PROPOSED SIDEWALK AND PAVEMENT
ELEVATIONS. INSTALL LANDSCAPING
GRAVEL.

PAVEMENT REMOVAL
FULL-DEPTH CONSTRUCTION
4 1/4" HMA ON 12" AGGREGATE

SIDEWALK REMOVAL
PORTLAND CEMENT
CONCRETE SIDEWALK, 4 INCH

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
REVERSED GUTTER FLAG TO DRAIN AWAY FROM FACE OF
CURB, EXCEPT NORTH SIDE (DRAIN TOWARDS FACE OF CURB)

LANDSCAPING GRAVEL

EXIST. EARTH
MEDIAN

BLDG

CONC.

BLDG

HMA

MAIN PARK OFFICE

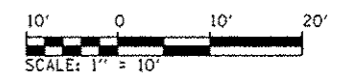
HMA

EARTH EXCAVATION (SPECIAL), 105 CU. YD.

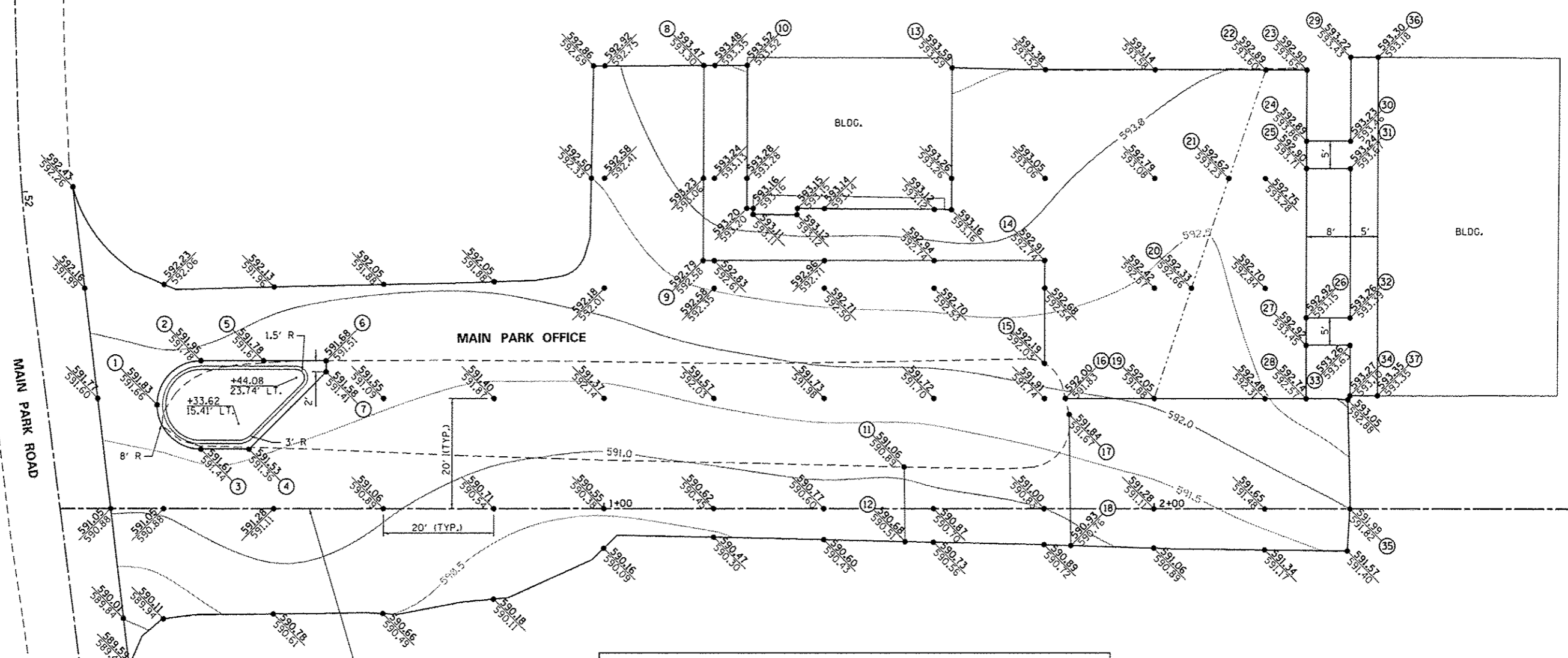
FULL-DEPTH CONSTRUCTION
4 1/4" HMA ON 12" AGGREGATE

MATCH EXISTING EDGE (TYP.)

HMA OVERLAY, 2"



FILE NAME :	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS - MAIN PARK OFFICE KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\DOT\1186618\1510-00\CADD_Sheets\046251-sht-MainPark-BBCCConstructionDetail.dwg		DRAWN - RAH	REVISED -		SCALE: 1" = 10'	SHEET 2 OF 3 SHEETS	STA.	TO STA.	PARK ROADS	*	140	62
Default	PLOT SCALE = 28.0000' / in.	CHECKED - BJD	REVISED -						* WILL & KANKAKEE	CONTRACT NO. 46251		
	PLOT DATE = 4/8/2013	DATE - 3/29/2013	REVISED -						ILLINOIS FED. AID PROJECT			

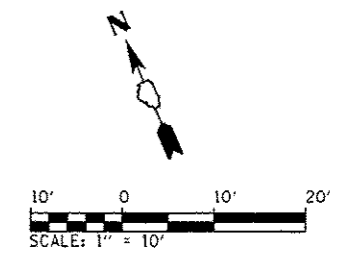


PARKING LOT LAYOUT POINTS

① STA. 0+18.76, 18.83' LT.	⑬ STA. 1+63.16, 80.14' LT.	⑳ STA. 2+27.46, 61.84' LT.
② STA. 0+26.76, 26.83' LT.	⑭ STA. 1+80.00, 45.00' LT.	㉑ STA. 2+27.46, 34.65' LT.
③ STA. 0+26.76, 10.83' LT.	⑮ STA. 1+80.00, 26.34' LT.	㉒ STA. 2+27.46, 29.65' LT.
④ STA. 0+35.52, 10.83' LT.	⑯ STA. 1+83.79, 20.00' LT.	㉓ STA. 2+27.46, 20.00' LT.
⑤ STA. 0+38.14, 26.83' LT.	⑰ STA. 1+84.50, 17.10' LT.	㉔ STA. 2+35.46, 82.14' LT.
⑥ STA. 0+49.52, 26.83' LT.	⑱ STA. 1+84.87, 6.70' RT.	㉕ STA. 2+35.46, 66.84' LT.
⑦ STA. 0+49.52, 24.83' LT.	⑲ STA. 2+00.00, 20.00' LT.	㉖ STA. 2+35.46, 61.84' LT.
⑧ STA. 1+18.00, 80.56' LT.	⑳ STA. 2+06.69, 40.00' LT.	㉗ STA. 2+35.46, 34.65' LT.
⑨ STA. 1+18.00, 45.00' LT.	㉑ STA. 2+13.37, 60.00' LT.	㉘ STA. 2+35.46, 29.65' LT.
⑩ STA. 1+25.90, 80.60' LT.	㉒ STA. 2+20.00, 79.82' LT.	㉙ STA. 2+35.46, 20.52' LT.
⑪ STA. 1+54.64, 7.58' LT.	㉓ STA. 2+27.46, 79.82' LT.	㉚ STA. 2+35.49, 0' LT.
⑫ STA. 1+54.85, 5.99' RT.	㉔ STA. 2+27.46, 66.84' LT.	㉛ STA. 2+40.46, 82.14' LT.
		㉜ STA. 2+40.46, 20.52' LT.

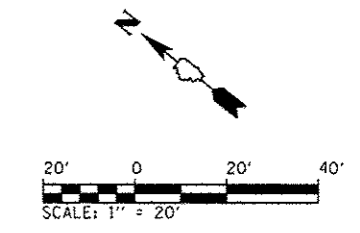
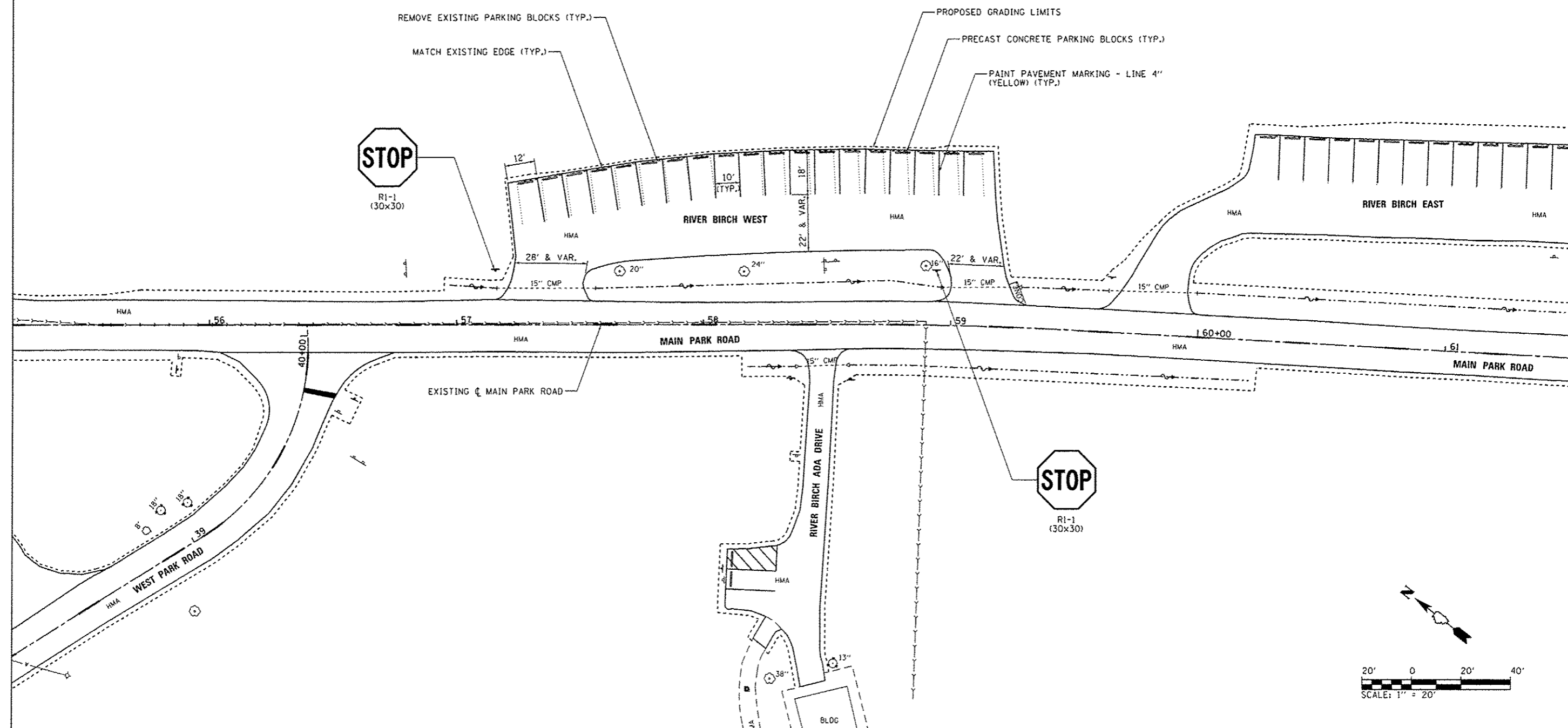
LEGEND

● 658.85 PROPOSED ELEVATION
○ 658.85 EXISTING ELEVATION



BILL OF MATERIALS - RIVER BIRCH WEST

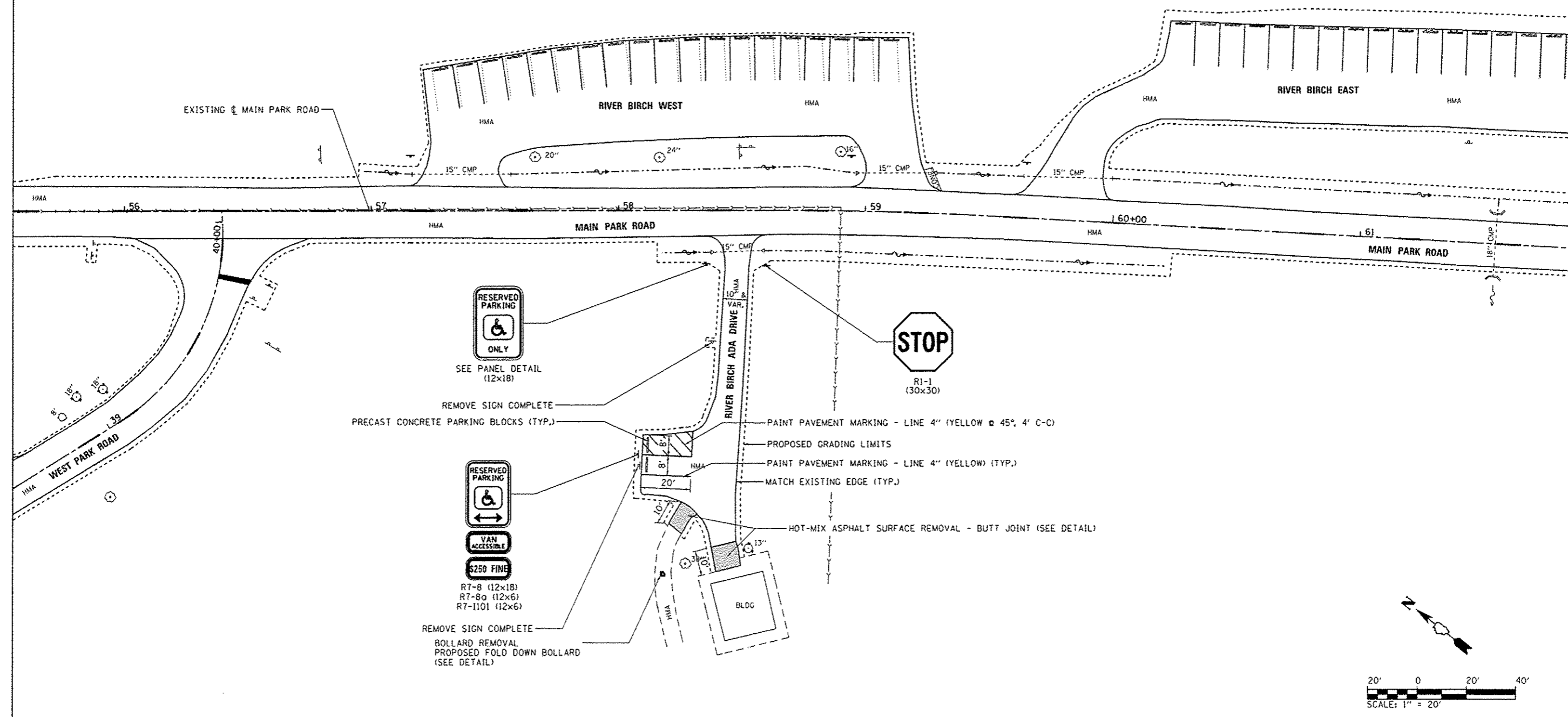
ITEM	UNIT	TOTAL
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	109.0
AGGREGATE WEDGE SHOULDER, TYPE B	TON	4.1
SIGN PANEL - TYPE 1	SO FT	13
WOOD SIGN SUPPORT	FOOT	29
PAINT PAVEMENT MARKING - LINE 4"	FOOT	324
REMOVE EXISTING PARKING BLOCKS	EACH	19
PRECAST CONCRETE PARKING BLOCK	EACH	19
BITUMINOUS MATERIALS (PRIME COAT)	POUND	438



FILE NAME : L:\11001\1106610\VDL15\Draw\CADD_Sheets\046251-sht-MainPark-0885SitePlan-RBW.dgn	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - RIVER BIRCH WEST KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40.0000' / in.	DRAWN - RAH	REVISED -				PARK ROADS	*	140	64	
	PLOT DATE = 4/6/2013	CHECKED - BJD	REVISED -			SCALE: 1" = 20'		SHEET 1 OF 1 SHEETS		STA. TO STA.	
		DATE - 3/29/2013	REVISED -			ILLINOIS FED. AID PROJECT		CONTRACT NO. 46251			

BILL OF MATERIALS - RIVER BIRCH ADA DRIVE

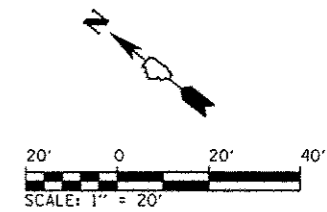
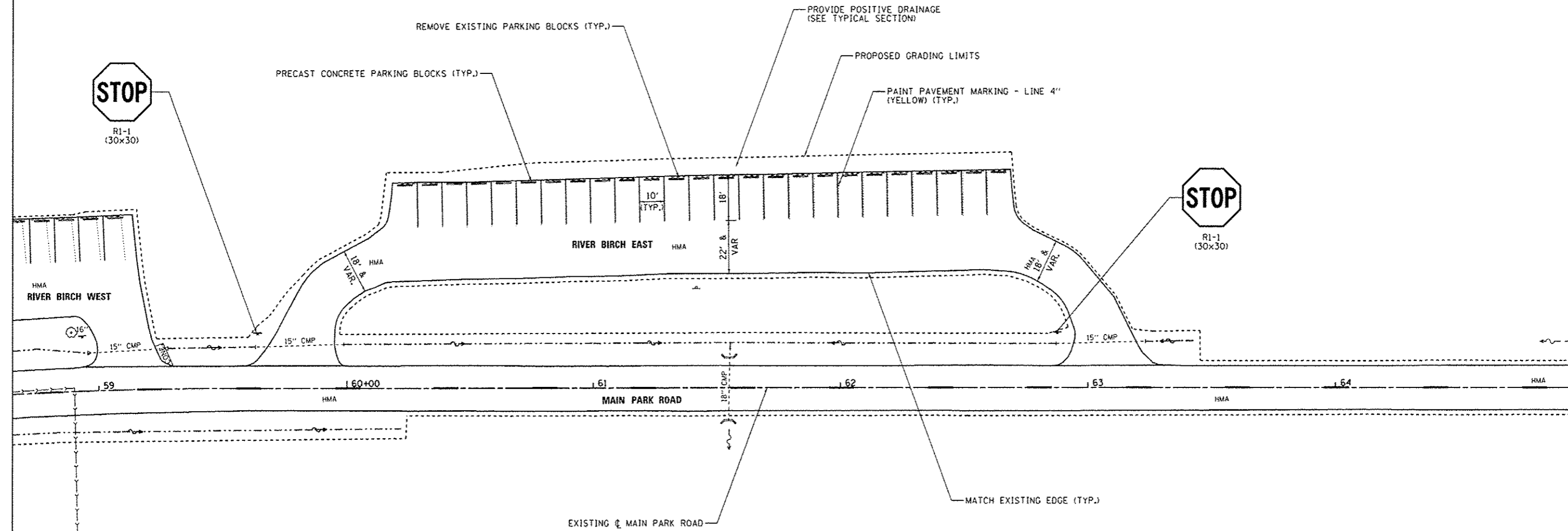
ITEM	UNIT	TOTAL
LEVELING BINDER (MACHINE METHOD), N50	TON	3.7
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	50 YD	20
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	28.9
AGGREGATE WEDGE SHOULDER, TYPE B	TON	3.6
SIGN PANEL - TYPE 1	50 FT	11
WOOD SIGN SUPPORT	FOOT	44
PAINT PAVEMENT MARKING - LINE 4"	FOOT	95
PRECAST CONCRETE PARKING BLOCK	EACH	2
FOLD DOWN BOLLARDS	EACH	1
BOLLARD REMOVAL	EACH	1
REMOVE SIGN COMPLETE	EACH	2
BITUMINOUS MATERIALS (PRIME COAT)	POUND	175



FILE NAME : L:\1007\1180GIB\W0.15\Draw\CA00.Sheets\46251-sht-MainPark-09\SitePlan-ROADA.dgn	USER NAME : Brad Downen	DESIGNED - MJJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - RIVER BIRCH ADA DRIVE KANKAKEE RIVER STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 48.0000' / in.	DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.	* WILL & KANKAKEE	CONTRACT NO. 46251	140	65
	PLOT DATE = 4/6/2013	CHECKED - BJD	REVISED -						ILLINOIS FED. AID PROJECT			
		DATE - 3/29/2013	REVISED -									

BILL OF MATERIALS - RIVER BIRCH EAST

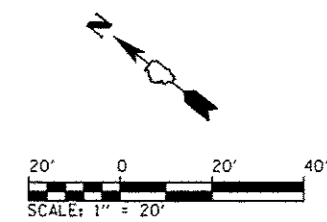
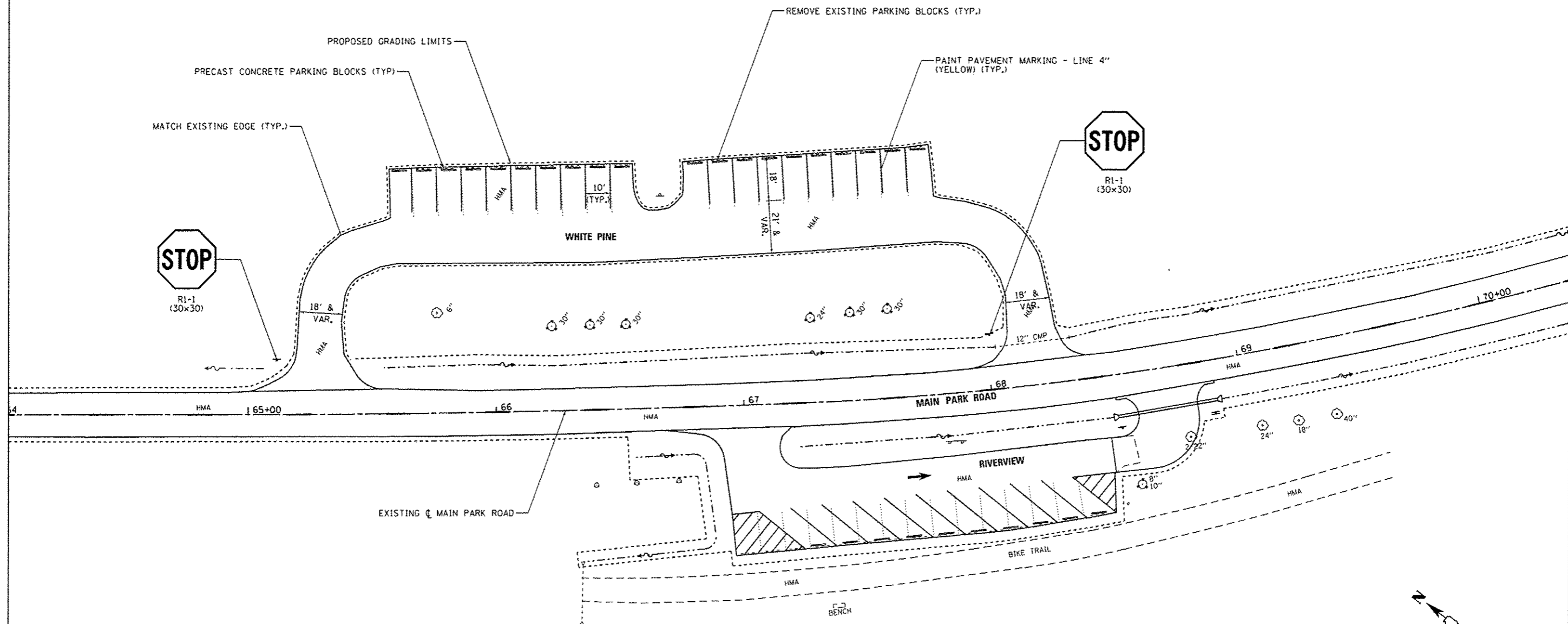
ITEM	UNIT	TOTAL
TOPSOIL FURNISH AND PLACE, 4"	SO YD	175
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	158.5
AGGREGATE WEDGE SHOULDER, TYPE B	TON	7.1
SIGN PANEL - TYPE 1	SQ FT	13
WOOD SIGN SUPPORT	FOOT	30
PAINT PAVEMENT MARKING - LINE 4"	FOOT	432
REMOVE EXISTING PARKING BLOCKS	EACH	25
PRECAST CONCRETE PARKING BLOCK	EACH	25
BITUMINOUS MATERIALS (PRIME COAT)	POUND	637



FILE NAME : L:\1001\118618\40.15\Draw\CADD_Sheets\046251\shl-MainPark-018SitePlan-RBE.dgn	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - RIVER BIRCH EAST KANKAKEE RIVER STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE : 40.0000' / 1"	CHECKED - BJD	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.	PARK ROADS		140	66
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -						WILL & KANKAKEE		CONTRACT NO. 46251	
									ILLINOIS FED. AID PROJECT			

BILL OF MATERIALS - WHITE PINE

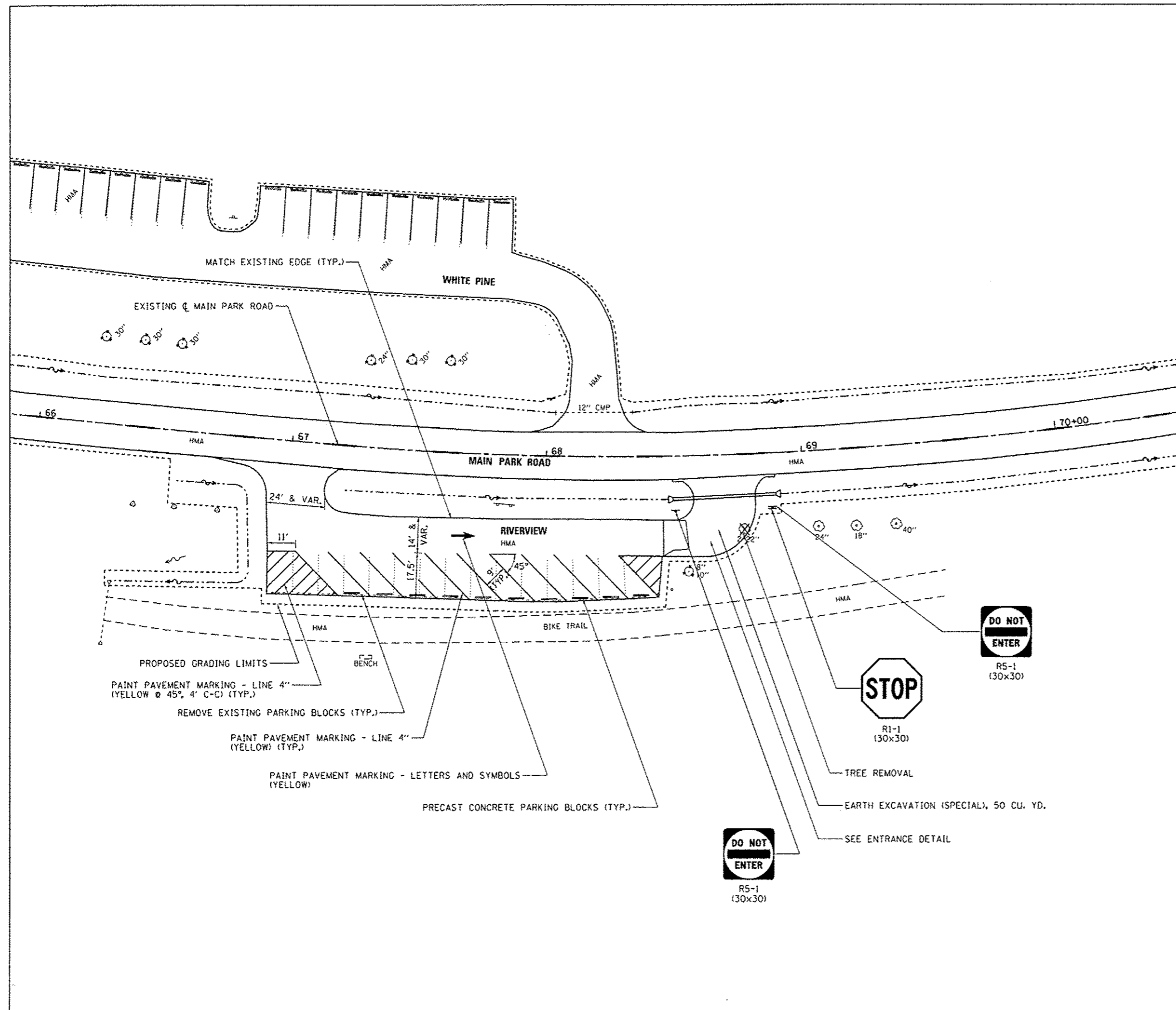
ITEM	UNIT	TOTAL
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NSO	TON	139.6
AGGREGATE WEDGE SHOULDER, TYPE B	TON	5.8
SIGN PANEL - TYPE 1	SQ FT	13
WOOD SIGN SUPPORT	FOOT	31
PAINT PAVEMENT MARKING - LINE 4" (YELLOW) (TYP.)	FOOT	324
REMOVE EXISTING PARKING BLOCKS	EACH	20
PRECAST CONCRETE PARKING BLOCK	EACH	20
BITUMINOUS MATERIALS (PRIME COAT)	POUND	561



FILE NAME : L:\1001\1186610\140\15\Draw\CA00_Sheets\046251-sht-MainPark-011SitePlan-WhitePine.dgn Default	USER NAME : Brad Gowen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - WHITE PINE KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - RAH	CHECKED - BJD	DATE - 3/29/2013		SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.	* WILL & KANKAKEE	CONTRACT NO. 46251	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 48,0000 1/1 in.	PLOT DATE = 4/8/2013	DATE		REVISED -	TO STA.					
	PLOT DATE = 4/8/2013	DATE	REVISED -		TO STA.						

BILL OF MATERIALS - RIVERVIEW

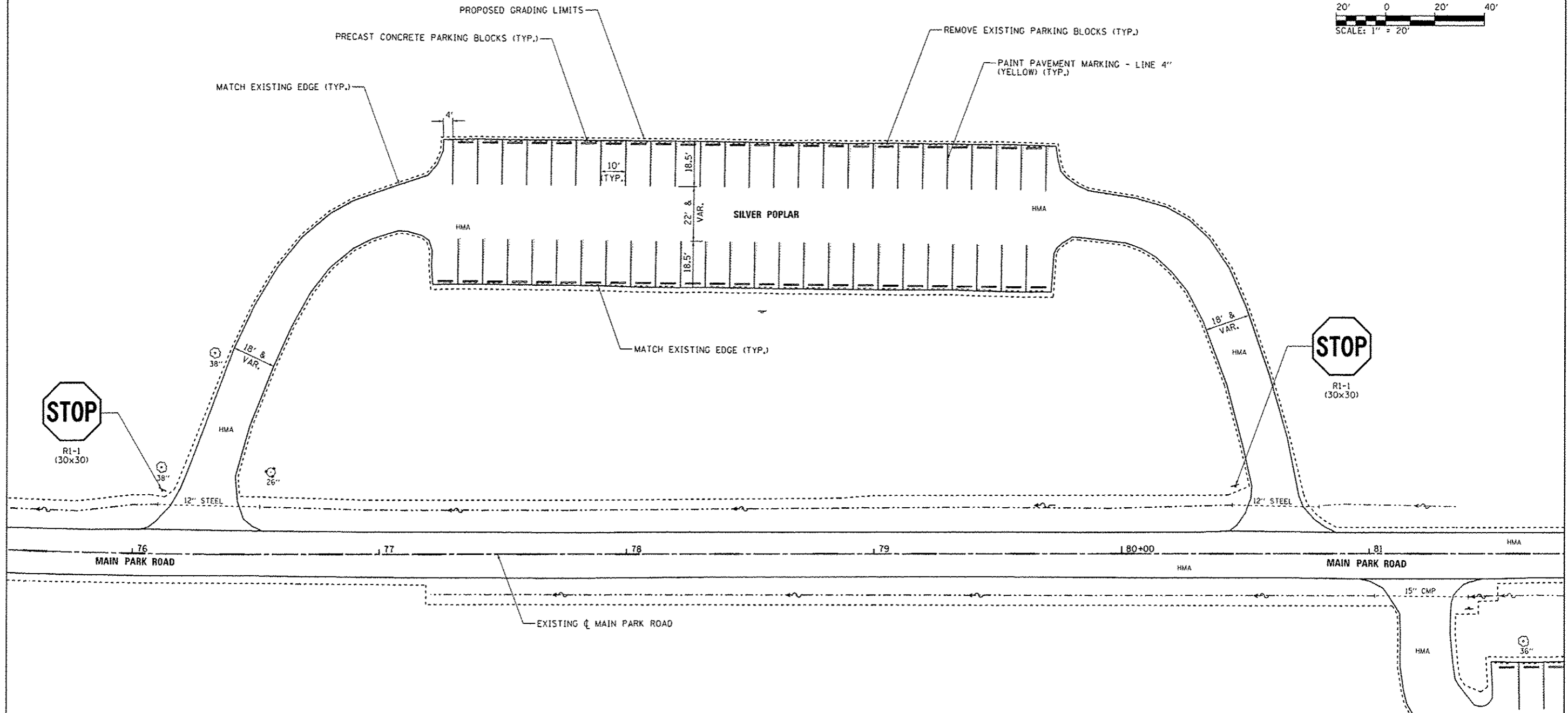
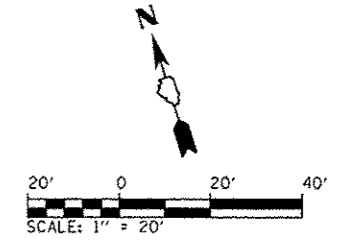
ITEM	UNIT	TOTAL
TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	44
EARTH EXCAVATION	CU YD	50
TOPSOIL FURNISH AND PLACE, 4"	SQ YD	25
AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	109
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	24.6
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	79.5
PAVEMENT REMOVAL	SQ YD	13
STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	15
AGGREGATE WEDGE SHOULDER, TYPE B	TON	11.2
SIGN PANEL - TYPE 1	SQ FT	19
WOOD SIGN SUPPORT	FOOT	30
PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	12
PAINT PAVEMENT MARKING - LINE 4"	FOOT	418
REMOVE EXISTING PARKING BLOCKS	EACH	15
PRECAST CONCRETE PARKING BLOCK	EACH	10
EARTH EXCAVATION (SPECIAL)	CU YD	50
BITUMINOUS MATERIALS (PRIME COAT)	POUND	530



FILE NAME = L:\1007\1186616\40.15\Drawings\CADD_Sheets\46251-shc*MainPark*0125SitePlan-Riverview.dgn	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - RIVERVIEW KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40,0000' / in.	CHECKED - BJD	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS	STA.	TO STA.	PARK ROADS	*	140	68
	PLOT DATE = 4/2/2013	DATE - 3/29/2013	REVISED -						* WILL & KANKAKEE		CONTRACT NO. 46251	
											ILLINOIS FED. AID PROJECT	

BILL OF MATERIALS - SILVER POPLAR

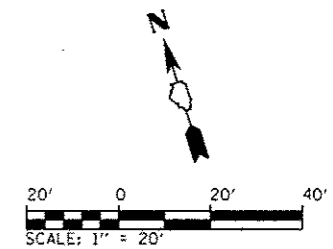
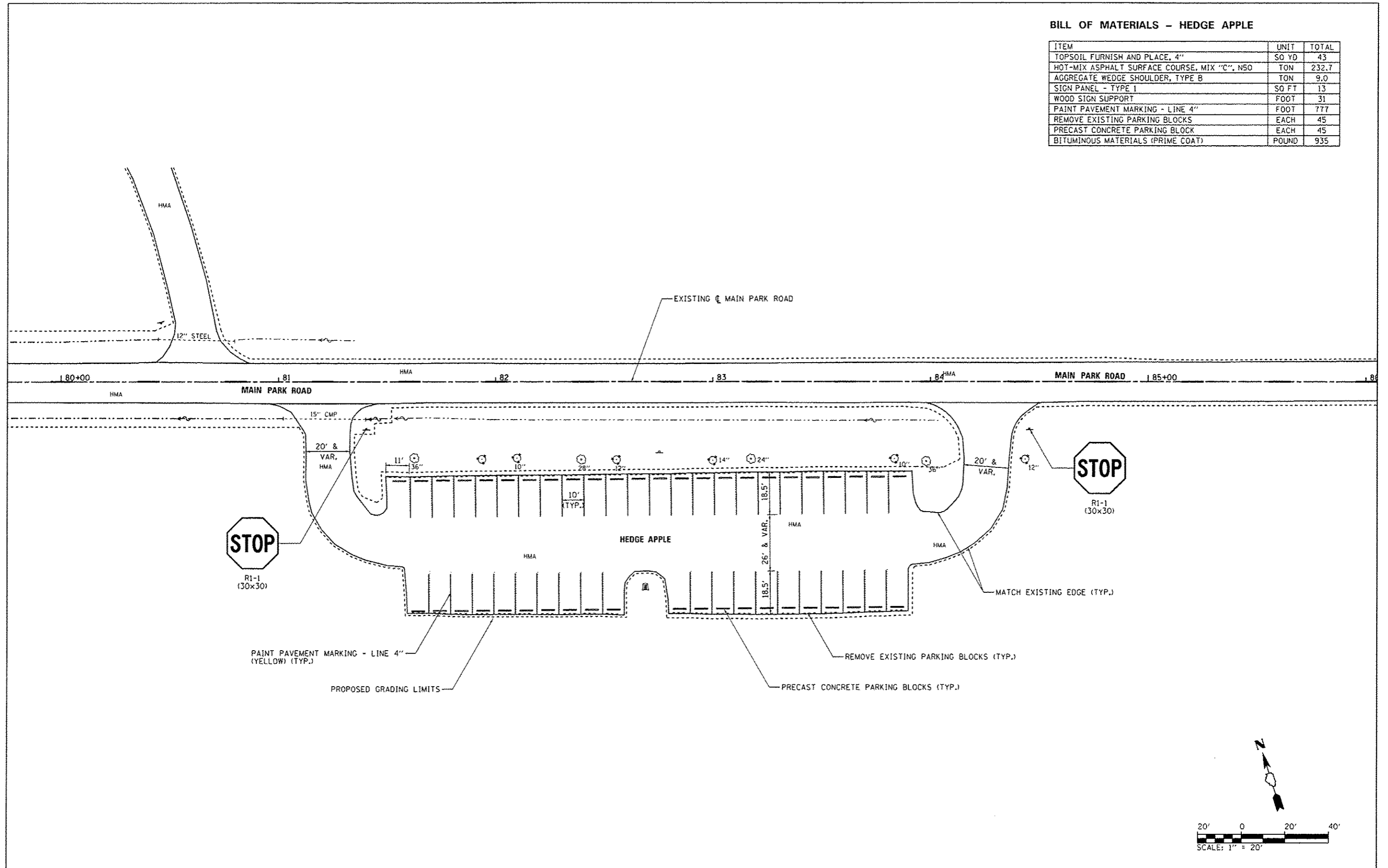
ITEM	UNIT	TOTAL
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	268.6
AGGREGATE WEDGE SHOULDER, TYPE B	TON	8.7
SIGN PANEL - TYPE I	SQ FT	13
WOOD SIGN SUPPORT	FOOT	30
PAINT PAVEMENT MARKING - LINE 4"	FOOT	907
REMOVE EXISTING PARKING BLOCKS	EACH	49
PRECAST CONCRETE PARKING BLOCK	EACH	49
BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,080



FILE NAME	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - SILVER POPLAR KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 48.0000 / in.	CHECKED - BJD	REVISED -								
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -								

BILL OF MATERIALS - HEDGE APPLE

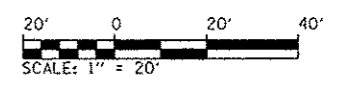
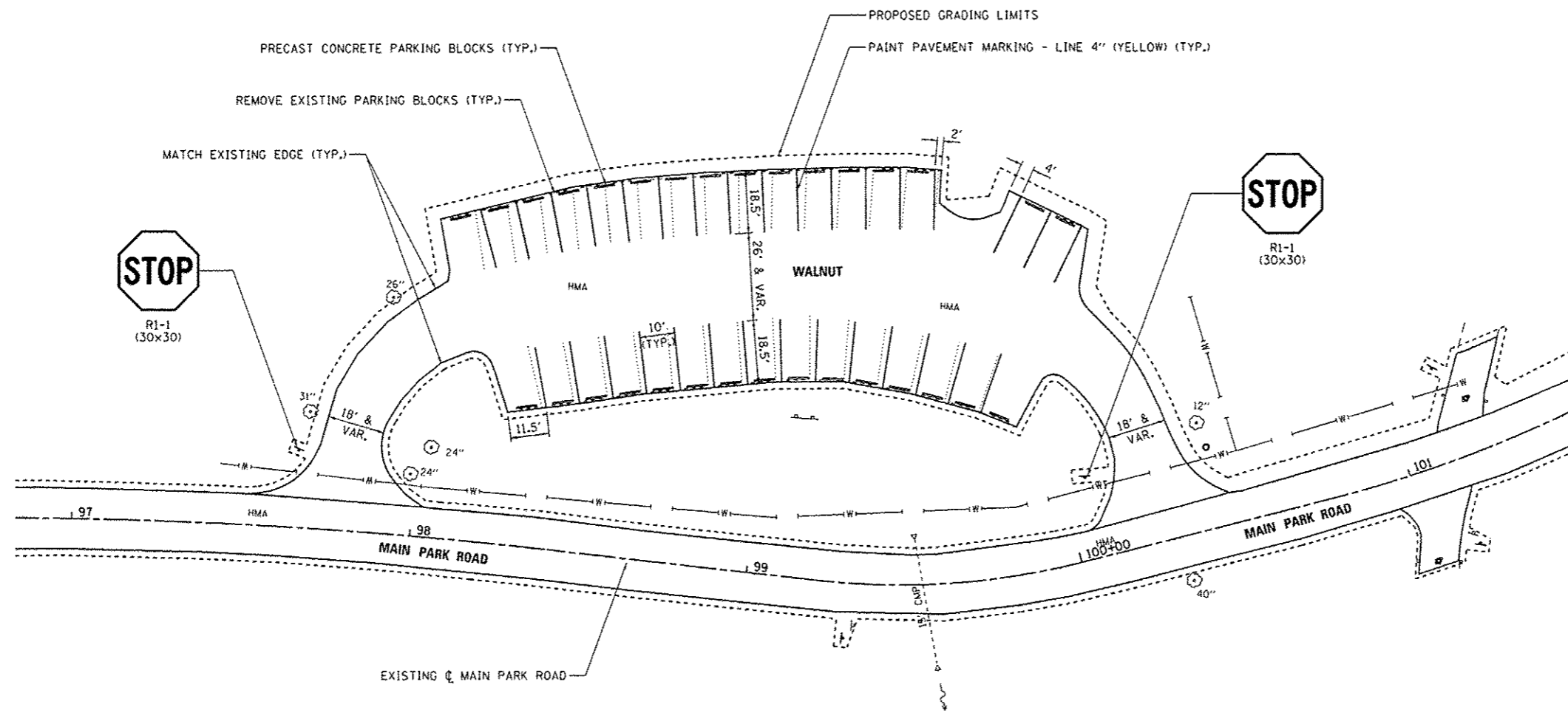
ITEM	UNIT	TOTAL
TOPSOIL FURNISH AND PLACE, 4"	SO YD	43
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NSO	TON	232.7
AGGREGATE WEDGE SHOULDER, TYPE B	TON	9.0
SIGN PANEL - TYPE 1	SQ FT	13
WOOD SIGN SUPPORT	FOOT	31
PAINT PAVEMENT MARKING - LINE 4"	FOOT	777
REMOVE EXISTING PARKING BLOCKS	EACH	45
PRECAST CONCRETE PARKING BLOCK	EACH	45
BITUMINOUS MATERIALS (PRIME COAT)	POUND	935



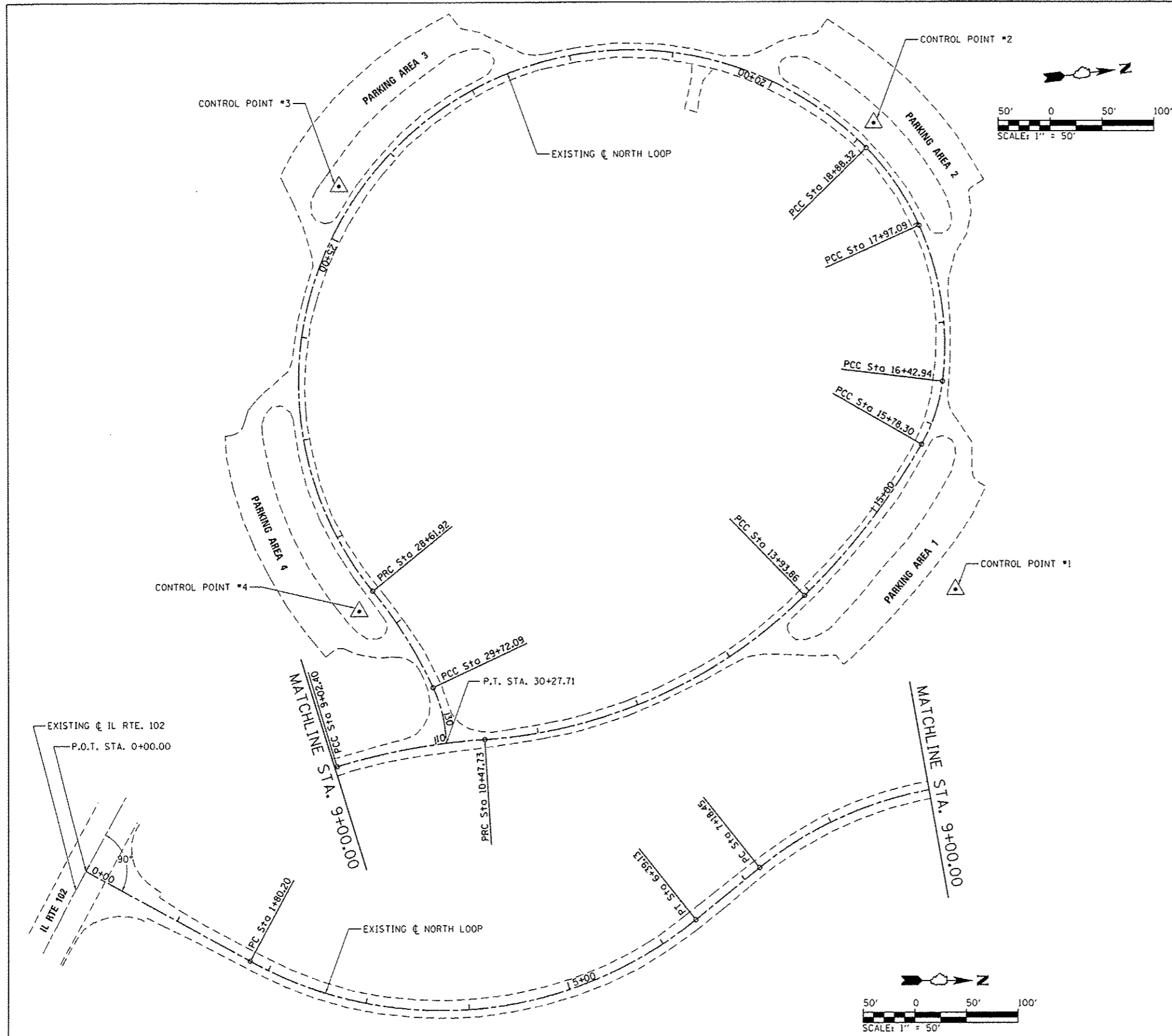
FILE NAME : L:\VDO\1\186618\WG.15\Draw\CADD_Sheets\046251\shs>MainPark-0155\toPlan\HedgeApple.dwg	USER NAME : Brad Downen	DESIGNED - MJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - HEDGE APPLE KANKAKEE RIVER STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE : 48.0000' / in.	CHECKED - BJD	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.	PARK ROADS	ILLINOIS	140	71	
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -						* WILL & KANKAKEE		CONTRACT NO, 46251		
											ILLINOIS FED. AID PROJECT		

BILL OF MATERIALS - WALNUT

ITEM	UNIT	TOTAL
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	172.3
AGGREGATE WEDGE SHOULDER, TYPE B	TON	10.1
SIGN PANEL - TYPE 1	SQ FT	13
WOOD SIGN SUPPORT	FOOT	29
PAINT PAVEMENT MARKING - LINE 4"	FOOT	574
REMOVE EXISTING PARKING BLOCKS	EACH	32
PRECAST CONCRETE PARKING BLOCK	EACH	31
BITUMINOUS MATERIALS (PRIME COAT)	POUND	693



FILE NAME *	USER NAME * Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - WALNUT KANKAKEE RIVER STATE PARK			P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1007\1106018\10-15-10-CAADG-Sheets\046251-shr-MainPark-01651-site-plan-Walnut.dgn	DRAWN - RAH	CHECKED - BJD	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.	PARK ROADS	*	140	72
Default	PLOT SCALE * 40.0000 / / in.	DATE - 3/29/2013	REVISED -		* WILL & KANKAKEE CONTRACT NO. 46251							
	PLOT DATE * 4/6/2013				[ILLINOIS] FED. AID PROJECT							



BILL OF MATERIALS - NORTH LOOP

ITEM	UNIT	TOTAL
LEVELING BINDER (MACHINE METHOD), N50	TON	46.5
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	232
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,140.2
HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	105
AGGREGATE WEDGE SHOULDER, TYPE B	TON	98.0
SIGN PANEL - TYPE 1	SO FT	10
REMOVE SIGN PANEL - TYPE 1	SO FT	3
WOOD SIGN SUPPORT	FOOT	15
PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,742
PAINT PAVEMENT MARKING - LINE 24"	FOOT	20
REMOVE EXISTING GATE	EACH	1
REMOVE EXISTING PARKING BLOCKS	EACH	91
PRECAST CONCRETE PARKING BLOCK	EACH	91
TUBULAR STEEL GATE	EACH	1
ENTRANCE SIGN	L SUM	1
REMOVE SIGN (SPECIAL)	EACH	1
AGGREGATE SHOULDERS (SPECIAL)	TON	2.5
PIPE CULVERTS TO BE CLEANED 12"	FOOT	113
PIPE CULVERTS TO BE CLEANED 15"	FOOT	34
PIPE CULVERTS TO BE CLEANED 24"	FOOT	72
PIPE CULVERTS TO BE CLEANED 36"	FOOT	99
REMOVE SIGN COMPLETE	EACH	1
BITUMINOUS MATERIALS (PRIME COAT)	POUND	4,773

FILE NAME :	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -
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Default	PLOT SCALE = 100.0000 1 / in.	CHECKED - BJO	REVISED -
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -

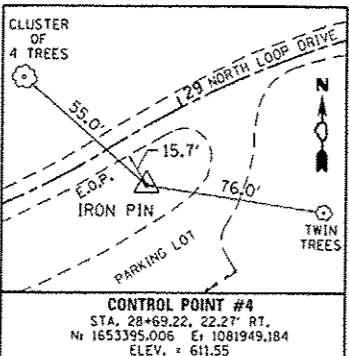
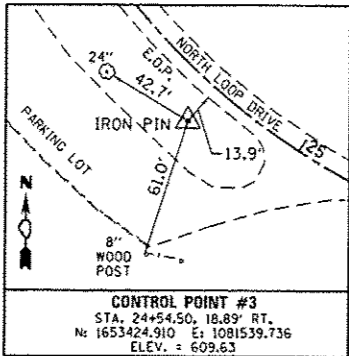
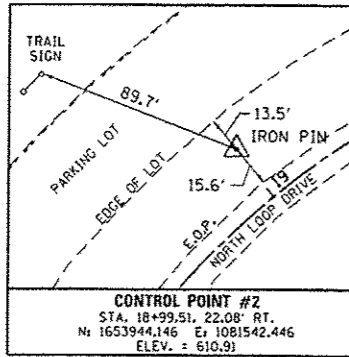
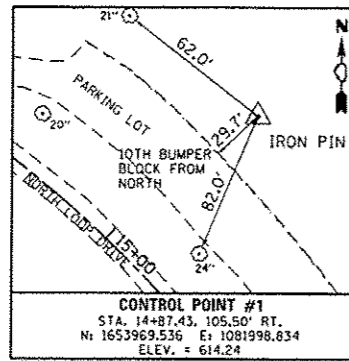
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT AND BILL OF MATERIALS - NORTH LOOP
KANKAKEE RIVER STATE PARK**

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	73
* WILL & KANKAKEE			CONTRACT NO. 46251	
[ILLINOIS] FED. AID PROJECT				

CONTROL POINTS



CURVE DATA

EXIST. ϕ NORTH LOOP
 CURVE-1 DATA
 PI STA. = 4+40.41
 $\Delta = 67^\circ 25' 22''$ (LT)
 D = 14° 41' 28"
 R = 390.00'
 T = 260.21'
 L = 458.93'
 E = 78.84'
 P.C. STA. = 1+80.20
 P.T. STA. = 6+39.13

EXIST. ϕ NORTH LOOP
 CURVE-7 DATA
 PI STA. = 17+21.95
 $\Delta = 30^\circ 59' 24''$ (LT)
 D = 20° 06' 14"
 R = 285.00'
 T = 79.01'
 L = 154.15'
 E = 10.75'
 P.C.C. STA. = 16+42.94
 P.C.C. STA. = 17+97.09

EXIST. ϕ NORTH LOOP
 CURVE-2 DATA
 PI STA. = 8+12.42
 $\Delta = 28^\circ 52' 30''$ (RT)
 D = 15° 41' 51"
 R = 365.00'
 T = 93.97'
 L = 183.95'
 E = 11.90'
 P.C. STA. = 7+18.45
 P.C.C. STA. = 9+02.40

EXIST. ϕ NORTH LOOP
 CURVE-8 DATA
 PI STA. = 18+43.20
 $\Delta = 20^\circ 29' 49''$ (LT)
 D = 22° 28' 08"
 R = 255.00'
 T = 46.10'
 L = 91.22'
 E = 4.13'
 P.C.C. STA. = 17+97.09
 P.C.C. STA. = 18+88.32

EXIST. ϕ NORTH LOOP
 CURVE-3 DATA
 PI STA. = 9+75.39
 $\Delta = 13^\circ 19' 25''$ (RT)
 D = 9° 10' 02"
 R = 625.00'
 T = 73.00'
 L = 145.34'
 E = 4.25'
 P.C.C. STA. = 9+02.40
 P.R.C. STA. = 10+47.73

EXIST. ϕ NORTH LOOP
 CURVE-9 DATA
 PI STA. = 83+42.00
 $\Delta = 174^\circ 19' 22''$ (LT)
 D = 17° 54' 18"
 R = 320.00'
 T = 6,453.68'
 L = 973.60'
 E = 6,141.61'
 P.C.C. STA. = 18+88.32
 P.R.C. STA. = 28+61.92

EXIST. ϕ NORTH LOOP
 CURVE-4 DATA
 PI STA. = 12+28.54
 $\Delta = 40^\circ 53' 24''$ (LT)
 D = 11° 48' 49"
 R = 485.00'
 T = 180.80'
 L = 346.13'
 E = 32.61'
 P.R.C. STA. = 10+47.73
 P.C.C. STA. = 13+93.86

EXIST. ϕ NORTH LOOP
 CURVE-10 DATA
 PI STA. = 29+17.28
 $\Delta = 14^\circ 01' 41''$ (RT)
 D = 12° 43' 57"
 R = 450.00'
 T = 55.36'
 L = 110.18'
 E = 3.39'
 P.R.C. STA. = 28+61.92
 P.C.C. STA. = 29+72.09

EXIST. ϕ NORTH LOOP
 CURVE-5 DATA
 PI STA. = 14+86.65
 $\Delta = 15^\circ 32' 27''$ (LT)
 D = 8° 25' 33"
 R = 680.00'
 T = 92.79'
 L = 184.44'
 E = 6.30'
 P.C.C. STA. = 13+93.86
 P.C.C. STA. = 15+78.30

EXIST. ϕ NORTH LOOP
 CURVE-11 DATA
 PI STA. = 30+00.30
 $\Delta = 23^\circ 36' 15''$ (RT)
 D = 42° 26' 29"
 R = 135.00'
 T = 28.21'
 L = 55.62'
 E = 2.92'
 P.C.C. STA. = 29+72.09
 P.T. STA. = 30+27.71

EXIST. ϕ NORTH LOOP
 CURVE-6 DATA
 PI STA. = 16+11.07
 $\Delta = 23^\circ 08' 53''$ (LT)
 D = 35° 48' 36"
 R = 160.00'
 T = 32.77'
 L = 64.64'
 E = 3.32'
 P.C.C. STA. = 15+78.30
 P.C.C. STA. = 16+42.94

COORDINATE DATA

P.O.T. STA. 0+00.00
 N: 1652539.001
 E: 1082173.964

P.I. STA. 16+11.07
 N: 1653973.142
 E: 1081829.796

P.C. STA. 1+80.20
 N: 1652697.354
 E: 1082259.962

P.C.C. STA. 16+42.94
 N: 1653980.903
 E: 1081797.961

P.I. STA. 4+40.41
 N: 1652926.019
 E: 1082384.145

P.I. STA. 17+21.96
 N: 1653999.619
 E: 1081721.199

P.T. STA. 6+39.13
 N: 1653128.476
 E: 1082220.682

P.C.C. STA. 17+97.09
 N: 1653976.140
 E: 1081645.758

P.C. STA. 7+18.45
 N: 1653190.189
 E: 1082170.855

P.I. STA. 18+43.20
 N: 1653934.191
 E: 1081601.736

P.I. STA. 8+12.42
 N: 1653263.304
 E: 1082111.822

P.C.C. STA. 18+88.32
 N: 1653934.191
 E: 1081565.299

P.C.C. STA. 9+02.40
 N: 1653355.835
 E: 1082095.436

P.I. STA. 83+42.00
 N: 1649980.061
 E: 1076464.824

P.I. STA. 9+75.39
 N: 1653427.714
 E: 1082082.707

P.R.C. STA. 28+61.92
 N: 1653410.231
 E: 1081931.443

P.R.C. STA. 10+47.73
 N: 1653500.593
 E: 1082086.885

P.I. STA. 29+17.28
 N: 1653439.658
 E: 1081978.340

P.I. STA. 12+28.54
 N: 1653681.100
 E: 1082097.234

P.C.C. STA. 29+72.09
 N: 1653456.839
 E: 1082030.971

P.C.C. STA. 13+93.86
 N: 1653824.332
 E: 1081986.896

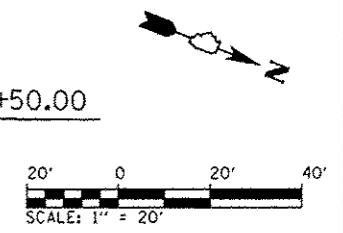
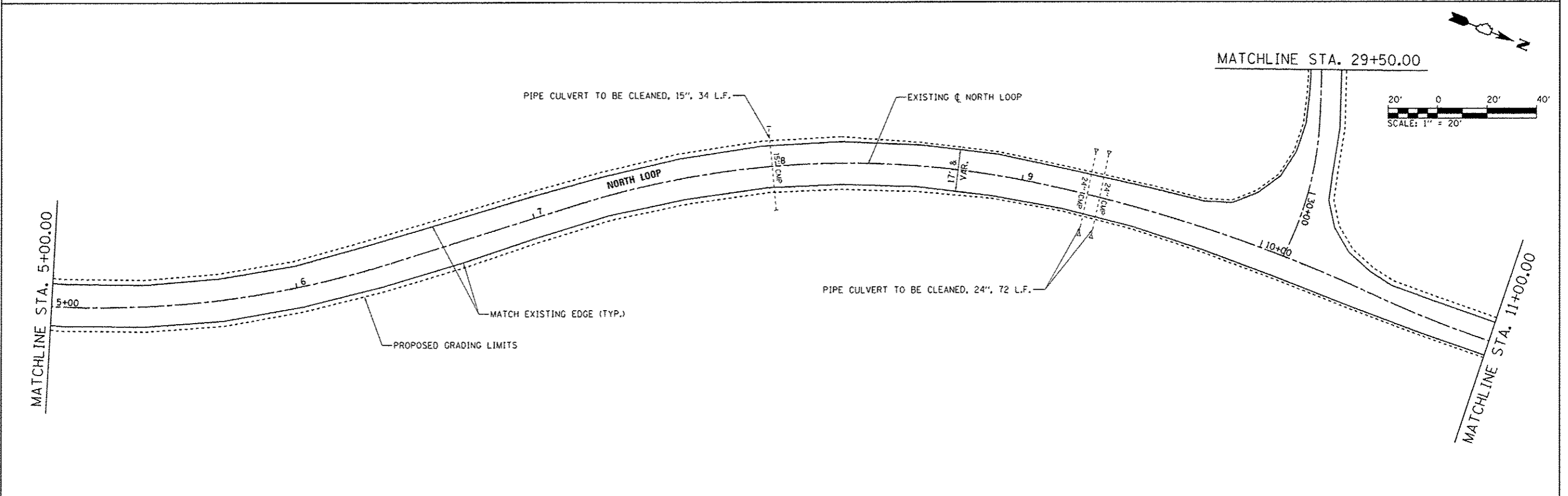
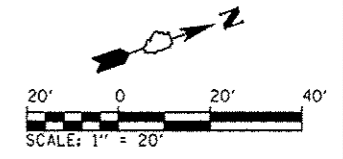
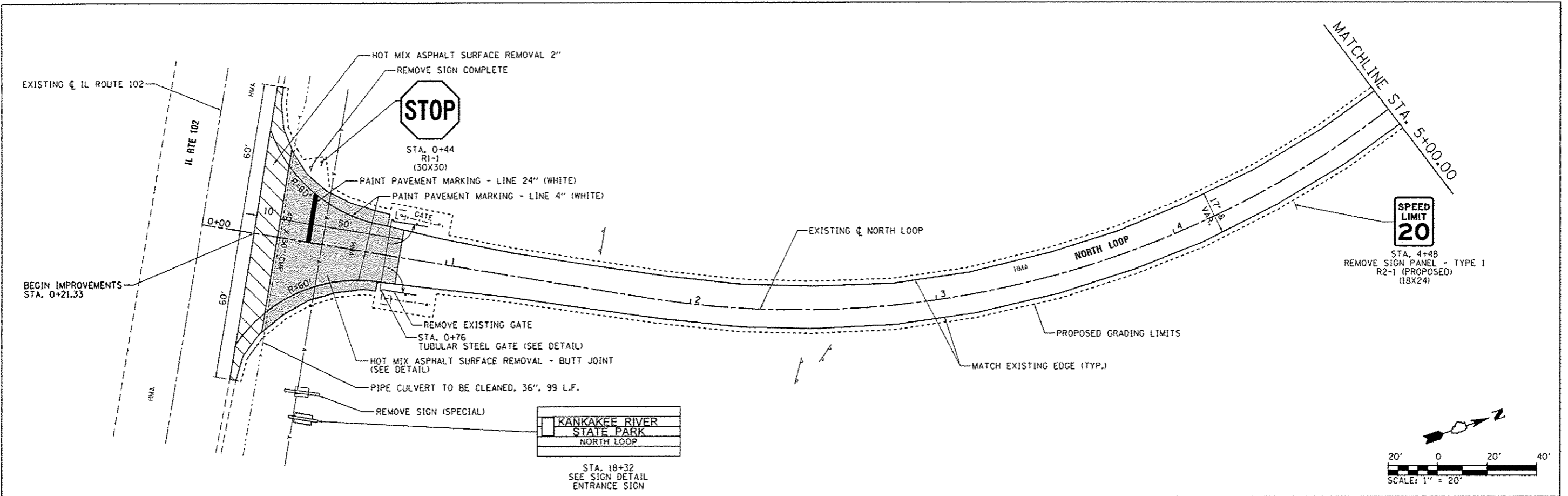
P.I. STA. 30+00.30
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P.I. STA. 14+86.65
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 E: 1081930.269

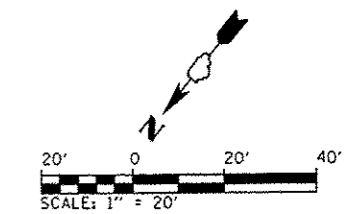
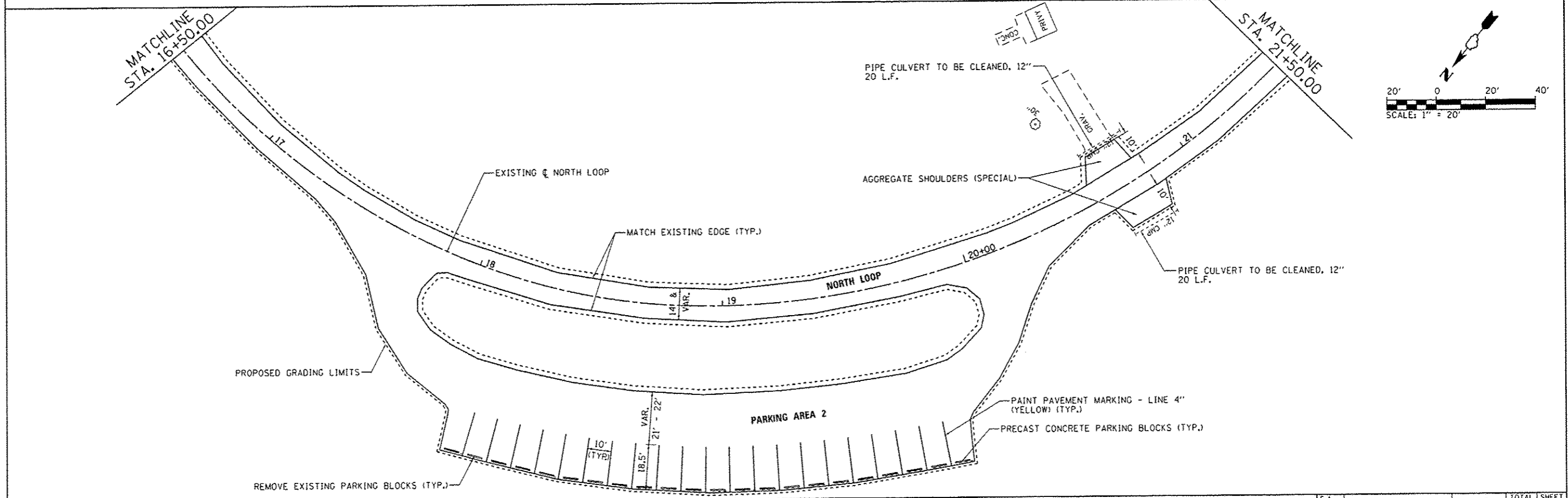
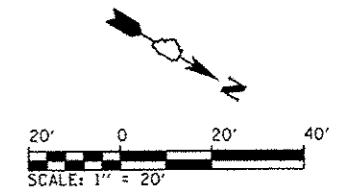
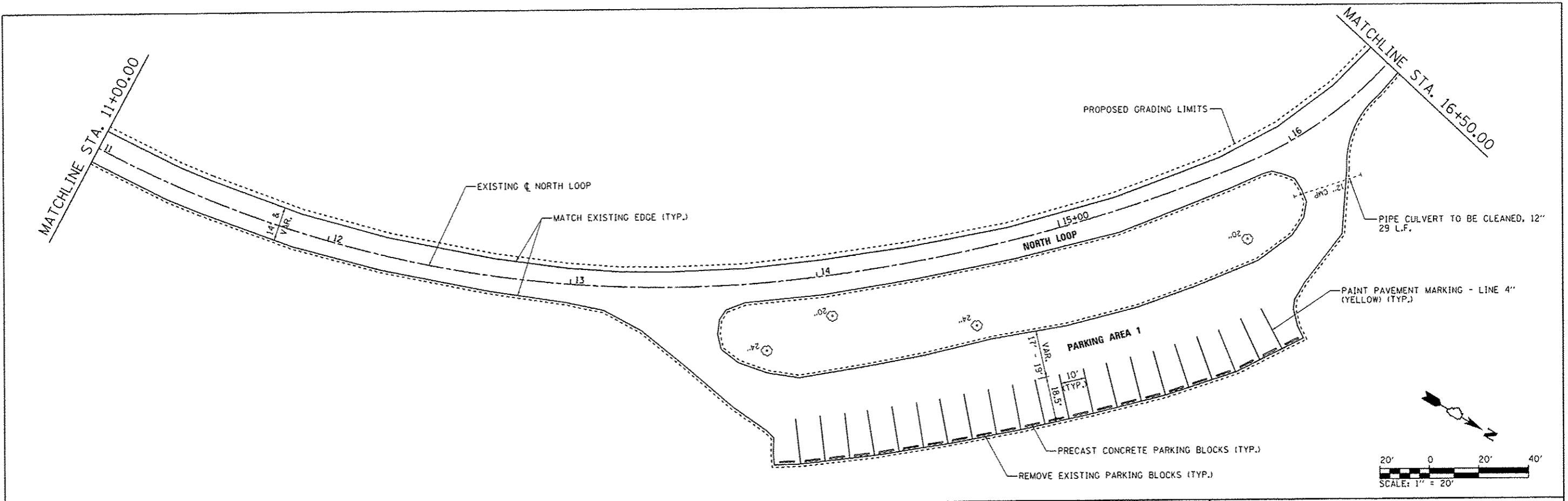
P.O.T. STA. 30+27.71
 N: 1653462.877
 E: 1082085.864

P.C.C. STA. 15+78.30
 N: 1653953.490
 E: 1081856.017

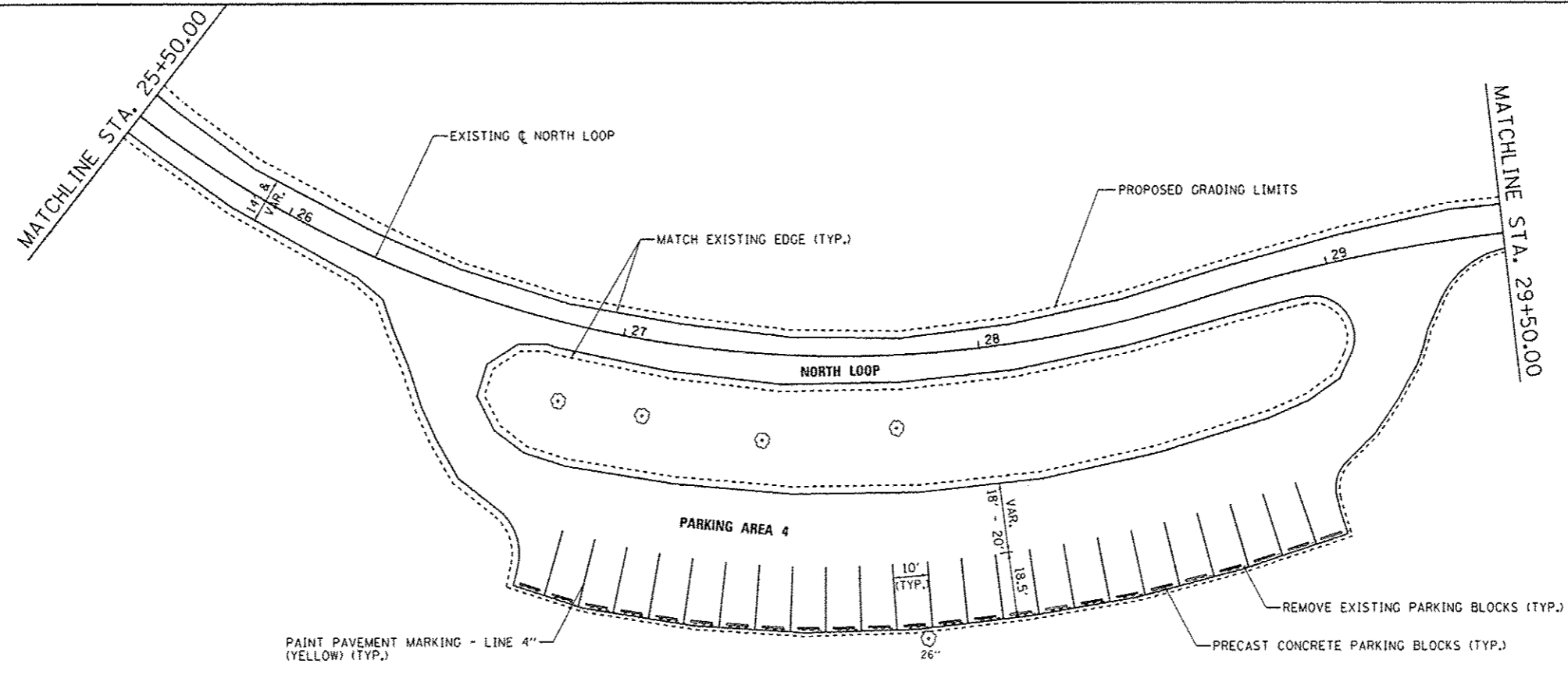
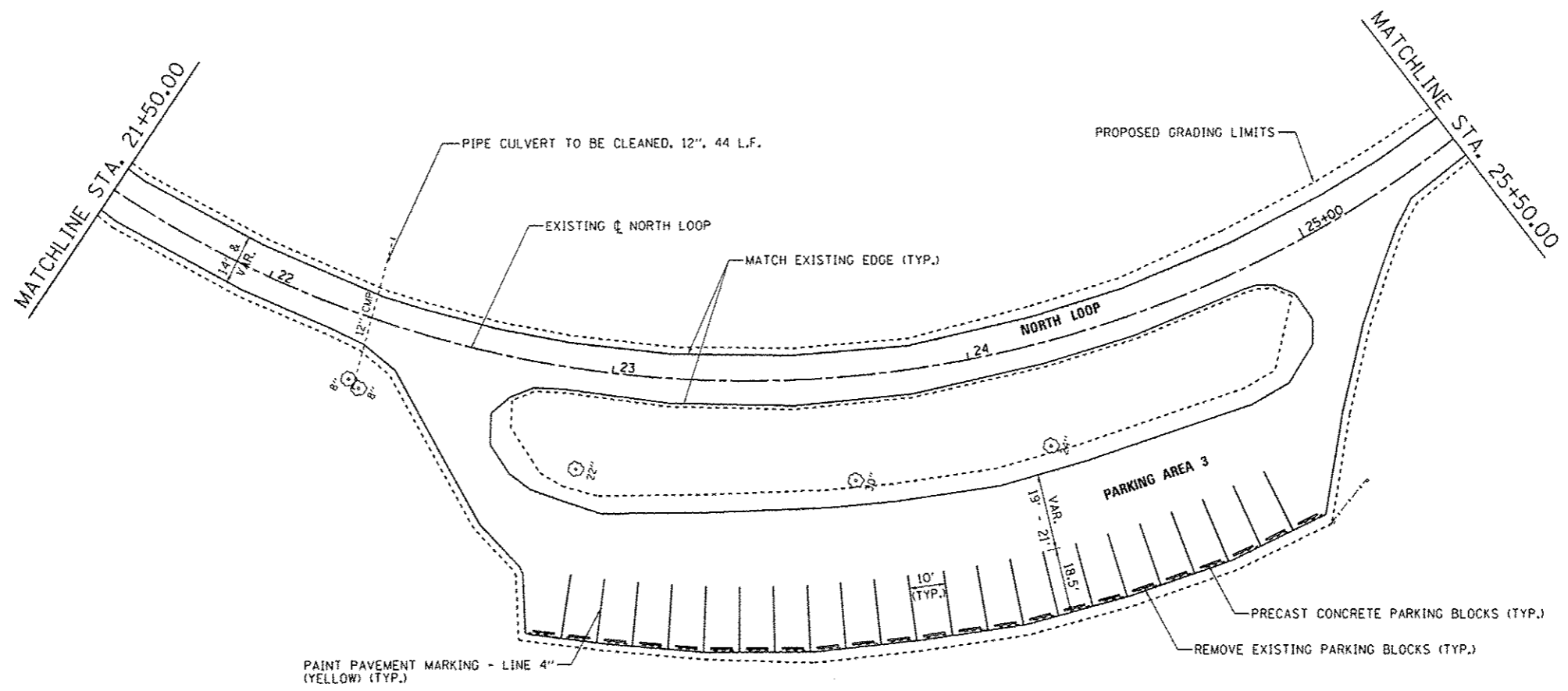
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Default	PLT SCALE: 1/8" = 100.0000' / in	CHECKED: BJD	REVISED:		SCALE: N.T.S.	SHEET 2 OF 5 SHEETS	STA.	TO STA.	PARK ROADS	*	140	74
	PLT DATE: 4/6/2013	DATE: 3/29/2013	REVISED:						* WILL & KANKAKEE			CONTRACT NO. 46251
												ILLINOIS FED. AID PROJECT



FILE NAME : L:\DOT\1186610\1510-av\CAD\Sheets\046251\shl-NorthLoop-003\SitePlan.dgn	USER NAME : Brad Downen	DESIGNED - MJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - NORTH LOOP KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : 40.0000 1/4" = 1'	CHECKED - BJD	REVISED -			1186610	PARK ROADS	*	140	75
Default	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -	SCALE: 1" = 20' SHEET 3 OF 5 SHEETS STA. 0+00 TO STA. 11+00		* WILL & KANKAKEE		CONTRACT NO. 46251		
						ILLINOIS FED. AID PROJECT				

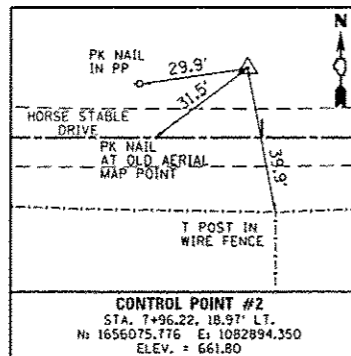
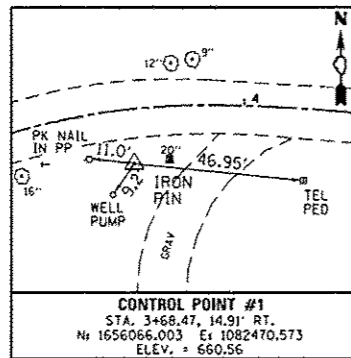


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	PLOT SCALE : 48.0000 1" = 48'	CHECKED - BJD	REVISED -		SCALE: 1" = 20'	SHEET 4 OF 5 SHEETS	STA. 11+00 TO STA. 21+50	PARK ROADS			140
Default	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -				• WILL & KANKAKEE		CONTRACT NO. 46251		
							ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - NORTH LOOP KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1001\1186610\15\Draw\CAD\00_Sheets\046251-ah1-NorthLoop-08551-1a1-Plan.dgn		DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 5 OF 5 SHEETS	STA. 21+50 TO STA. 29+50	PARK ROADS	*	140	77
Default	PLOT SCALE = 48.0000 1/ in.	CHECKED - BJD	REVISED -					* WILL & KANKAKEE		CONTRACT NO. 46251	
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -					ILLINOIS FED. AID PROJECT			

CONTROL POINTS



CURVE DATA

EXIST. ϕ HORSE STABLE
 CURVE-1 DATA
 PI STA. = 2+28.33
 Δ = 24° 06' 51" (LT)
 D = 57' 17" 45"
 R = 100.00'
 T = 21.36'
 L = 42.09'
 E = 2.26'
 P.C. STA. = 2+06.97
 P.T. STA. = 2+49.06

EXIST. ϕ HORSE STABLE
 CURVE-3 DATA
 PI STA. = 4+40.01
 Δ = 10° 31' 00" (RT)
 D = 11° 27' 33"
 R = 500.00'
 T = 46.02'
 L = 91.78'
 E = 2.11'
 P.C. STA. = 3+93.99
 P.R.C. STA. = 4+85.76

EXIST. ϕ HORSE STABLE
 CURVE-2 DATA
 PI STA. = 3+49.29
 Δ = 27° 29' 45" (RT)
 D = 30° 09' 20"
 R = 190.00'
 T = 46.49'
 L = 91.18'
 E = 5.60'
 P.C. STA. = 3+02.81
 P.C.C. STA. = 3+93.99

EXIST. ϕ HORSE STABLE
 CURVE-4 DATA
 PI STA. = 5+88.70
 Δ = 11° 45' 17" (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 102.94'
 L = 205.16'
 E = 5.28'
 P.R.C. STA. = 4+85.76
 P.T. STA. = 6+90.92

COORDINATE DATA

P.O.T. STA. 0+00.00
 N. : 1656015.429
 E. : 1082111.372

P.C. STA. 2+06.97
 N. : 1656026.175
 E. : 1082318.065

P.I. STA. 2+28.33
 N. : 1656027.284
 E. : 1082339.396

P.T. STA. 2+49.06
 N. : 1656037.011
 E. : 1082358.412

P.C. STA. 3+02.81
 N. : 1656061.488
 E. : 1082406.265

P.I. STA. 3+49.29
 N. : 1656082.657
 E. : 1082447.650

P.C.C. STA. 3+93.99
 N. : 1656082.328
 E. : 1082494.134

P.I. STA. 4+40.01
 N. : 1656082.003
 E. : 1082540.150

P.R.C. STA. 4+85.76
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 E. : 1082585.333

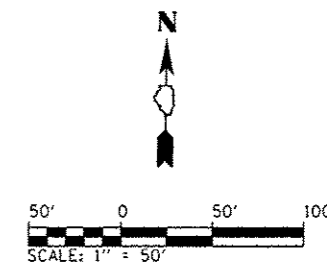
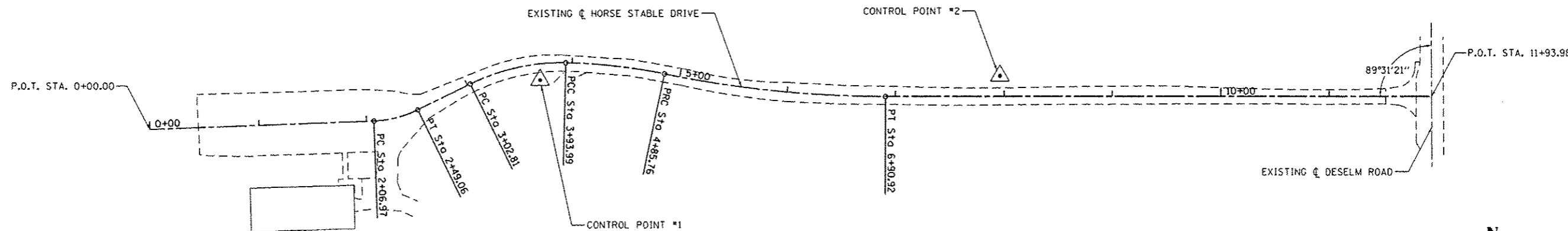
P.I. STA. 5+88.71
 N. : 1656053.779
 E. : 1082686.410

P.T. STA. 6+90.92
 N. : 1656055.275
 E. : 1082789.341

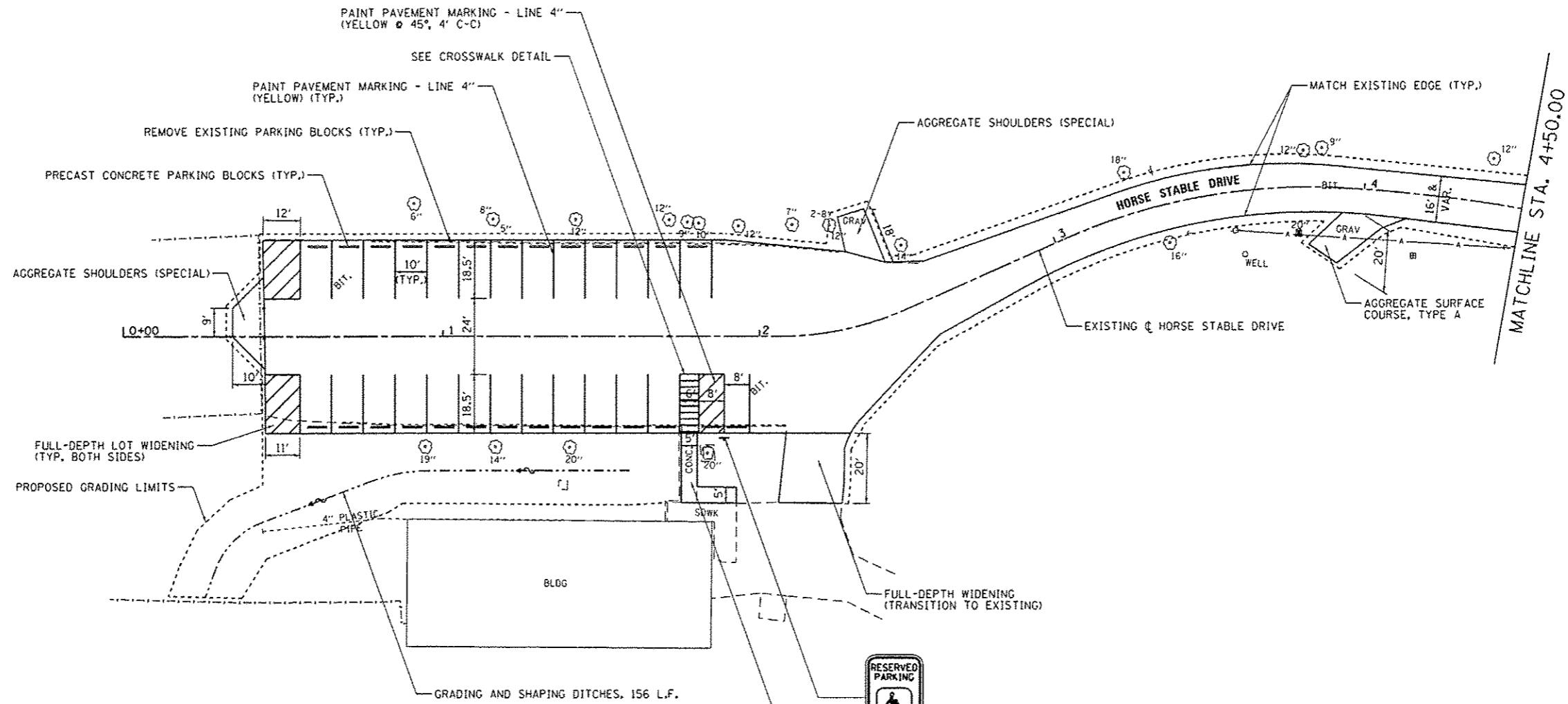
P.O.T. STA. 11+93.98
 N. : 1656062.586
 E. : 1083292.342

BILL OF MATERIALS - HORSE STABLE

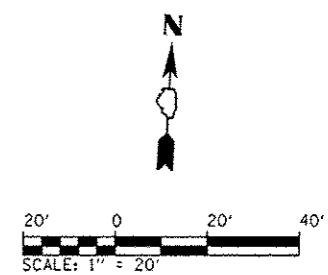
ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	43
FURNISHED EXCAVATION	CU YD	3
TOPSOIL FURNISH AND PLACE, 4"	SO YD	295
GRADING AND SHAPING DITCHES	FOOT	156
AGGREGATE BASE COURSE, TYPE A 2"	SO YD	2,789
AGGREGATE BASE COURSE, TYPE A 12"	SO YD	285
AGGREGATE SURFACE COURSE, TYPE A	TON	4.2
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	394.9
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	309.3
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	172
PAVEMENT REMOVAL	SO YD	44
HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	57
SIDEWALK REMOVAL	SO FT	117
AGGREGATE WEDGE SHOULDER, TYPE B	TON	146.0
SIGN PANEL - TYPE 1	SO FT	24
REMOVE SIGN PANEL - TYPE 1	SO FT	9
WOOD SIGN SUPPORT	FOOT	59
PAINT PAVEMENT MARKING - LINE 4"	FOOT	692
PAINT PAVEMENT MARKING - LINE 6"	FOOT	37
PAINT PAVEMENT MARKING - LINE 12"	FOOT	42
PAINT PAVEMENT MARKING - LINE 24"	FOOT	9
REMOVE EXISTING GATE	EACH	1
REMOVE EXISTING PARKING BLOCKS	EACH	31
PRECAST CONCRETE PARKING BLOCK	EACH	27
TUBULAR STEEL GATE	EACH	1
SCARIFY EXISTING SURFACE	SO YD	2,879
AGGREGATE SHOULDERS (SPECIAL)	TON	6.4
PIPE CULVERTS TO BE CLEANED 12"	FOOT	35
PIPE CULVERTS TO BE CLEANED 15"	FOOT	48
REMOVE SIGN COMPLETE	EACH	3
BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,791



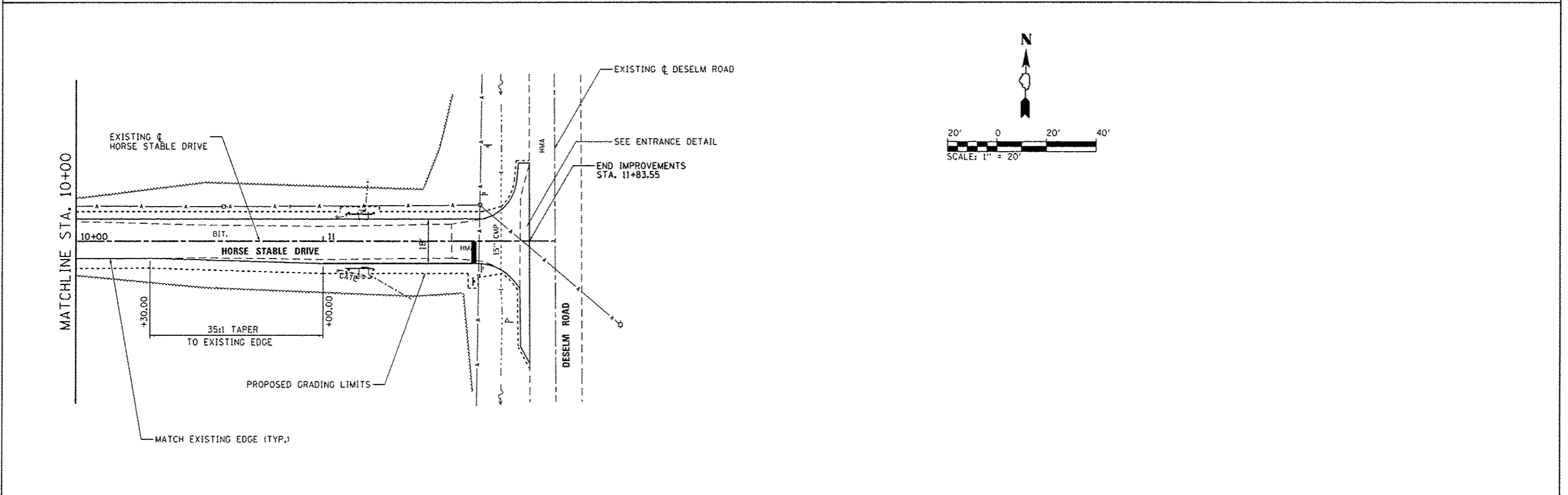
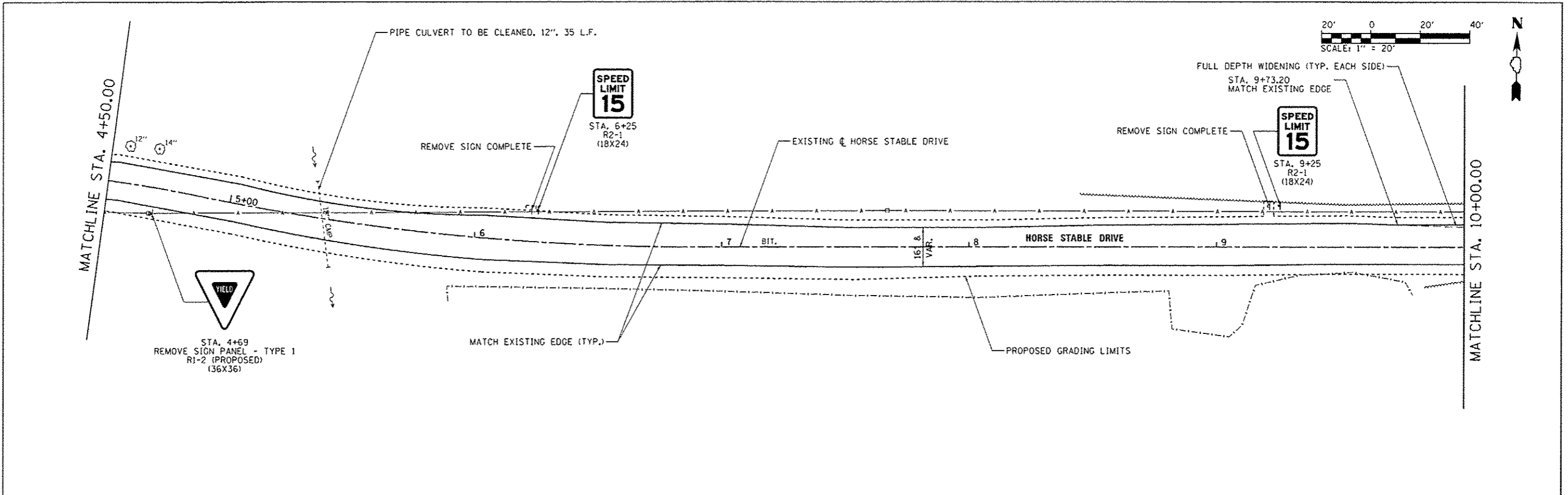
FILE NAME : L:\IDOT\1106G10\W015\Draw\CADD_Sheets\046251-sht-HorseStable-2011\Alignment.dgn	USER NAME : Brad Danner	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT AND BILL OF MATERIALS - HORSE STABLE KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Default	DRAWN - RAH	REVISED -		SCALE: 1" = 50'	SHEET 1 OF 5 SHEETS	STA.	TO STA.	WILL & KANKAKEE	140	78	
		CHECKED - BJO	REVISED -									
		DATE - 3/29/2013	REVISED -									
								CONTRACT NO. 46251		ILLINOIS FED. AID PROJECT		



- RESERVED PARKING
- VAN ACCESSIBLE
- \$250 FINE
- R7-8 (12x18)
- R7-8c (12x6)
- R7-1101 (12x6)
- SIDEWALK REMOVAL
- PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH



FILE NAME = L:\1001\1186610\15\Draw\CA00_Sheets\46251-sht-HorseStable-80251tePlan.dgn	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - HORSE STABLE KANKAKEE RIVER STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 2 OF 5 SHEETS	STA. 0+00 TO STA. 4+50	PARK ROADS	*	140	79	
	PLOT DATE = 4/6/2013	CHECKED - BJD	REVISED -					* WILL & KANKAKEE		CONTRACT NO. 46251		
		DATE - 3/29/2013	REVISED -					ILLINOIS FED. AID PROJECT				



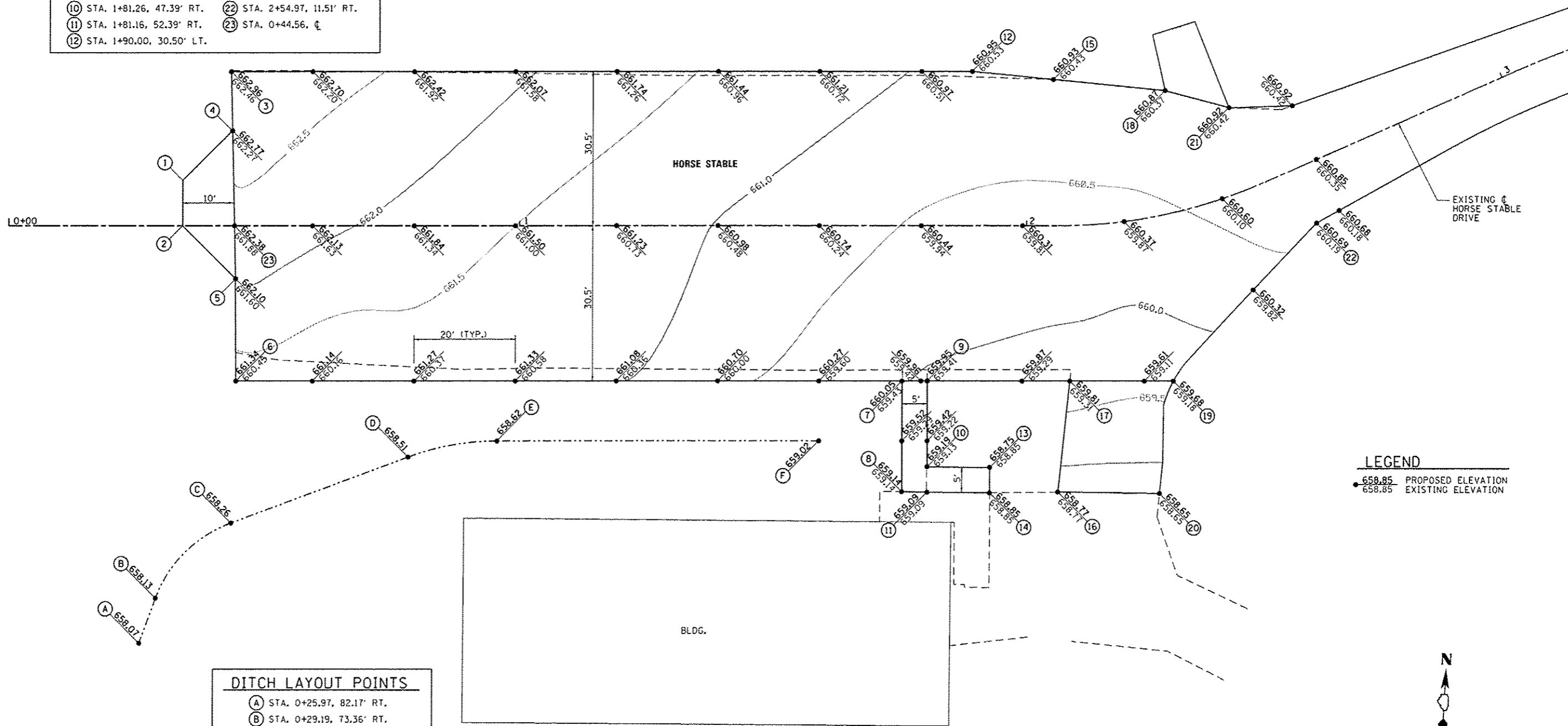
FILE NAME: L:\1007\1186618\15\Draw\CA00_Sheets\046251-sht-HorseStable-8035SitePlan.dgn	USER NAME: Brad Downen	DESIGNED: MJO	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - HORSE STABLE KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLT SCALE: 1/8" = 1' / in.	CHECKED: BJD	REVISED: -		SCALE: 1" = 20'	SHEET 3 OF 5 SHEETS	STA. 4+50	TO STA. 11+93.98	PARK ROADS	*	140	80
	PLT DATE: 4/6/2013	DATE: 3/29/2013	REVISED: -						* WELL & KANKAKEE	CONTRACT NO. 46251		
								ILLINOIS FED. AID PROJECT				

PARKING LOT LAYOUT POINTS

- | | |
|----------------------------|----------------------------|
| ① STA. 0+34.36, 9.00' LT. | ⑬ STA. 1+93.66, 47.53' RT. |
| ② STA. 0+34.36, 0 | ⑭ STA. 1+93.64, 52.53' RT. |
| ③ STA. 0+43.89, 30.50' LT. | ⑮ STA. 2+05.98, 28.94' LT. |
| ④ STA. 0+44.15, 18.79' LT. | ⑯ STA. 2+07.06, 52.35' RT. |
| ⑤ STA. 0+44.79, 10.43' RT. | ⑰ STA. 2+08.83, 30.52' RT. |
| ⑥ STA. 0+44.86, 30.50' RT. | ⑱ STA. 2+34.95, 23.84' LT. |
| ⑦ STA. 1+76.26, 30.50' RT. | ⑲ STA. 2+24.30, 32.48' RT. |
| ⑧ STA. 1+76.26, 52.31' RT. | ⑳ STA. 2+20.10, 53.95' RT. |
| ⑨ STA. 1+81.26, 30.50' RT. | ㉑ STA. 2+48.44, 16.37' LT. |
| ⑩ STA. 1+81.26, 47.39' RT. | ㉒ STA. 2+54.97, 11.51' RT. |
| ⑪ STA. 1+81.16, 52.39' RT. | ㉓ STA. 0+44.56, 0 |
| ⑫ STA. 1+90.00, 30.50' LT. | |

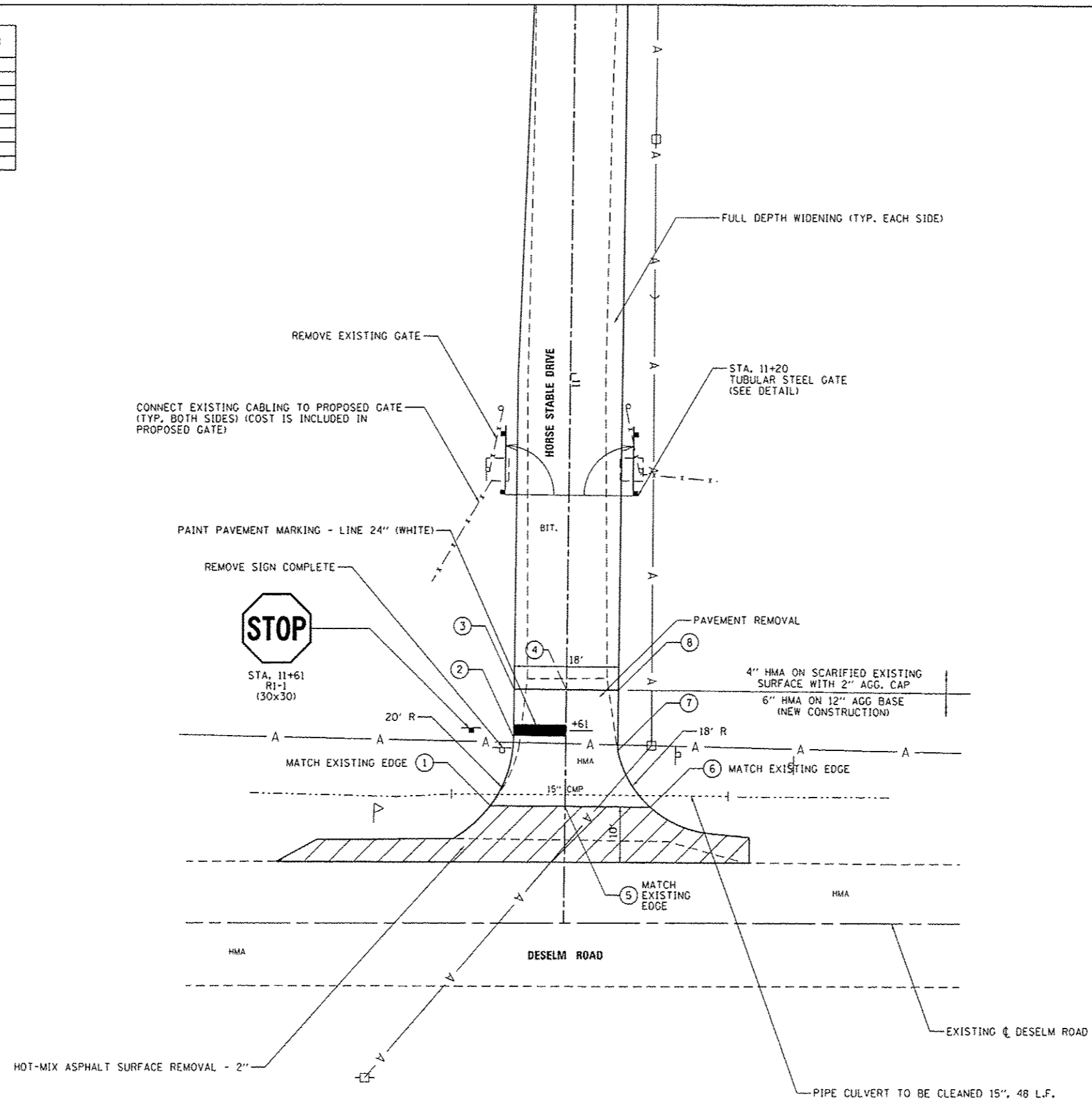
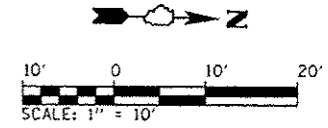
DITCH LAYOUT POINTS

- | |
|----------------------------|
| Ⓐ STA. 0+25.97, 82.17' RT. |
| Ⓑ STA. 0+29.19, 73.36' RT. |
| Ⓒ STA. 0+43.92, 58.51' RT. |
| Ⓓ STA. 0+78.85, 45.45' RT. |
| Ⓔ STA. 0+96.36, 42.29' RT. |
| Ⓕ STA. 1+60.00, 42.29' RT. |



FILE NAME =	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRADING AND STAKING PLAN - HORSE STABLE KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\DOT\1106610\W015\VD-a\CADD\Sheets\1106610\1106610-HorseStable-024GradingStakingPlan.dwg	1106610-HorseStable-024GradingStakingPlan	DRAWN - RAH	REVISED -			PARK ROADS			140	81	
Default	PLOT SCALE = 20.0000 "/ in.	CHECKED - BJD	REVISED -			* WILL & KANKAKEE		CONTRACT NO. 46251			
	PLOT DATE = 4/6/2013	DATE = 3/29/2013	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1" = 10'	SHEET 4 OF 5 SHEETS	STA.	TO STA.			

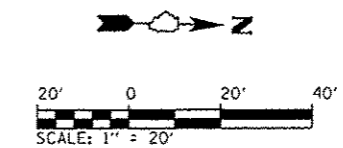
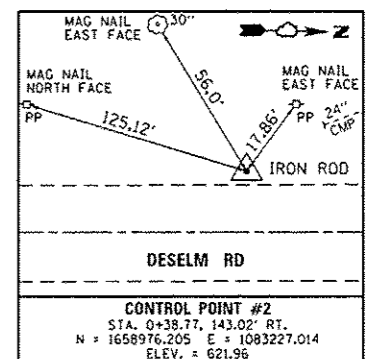
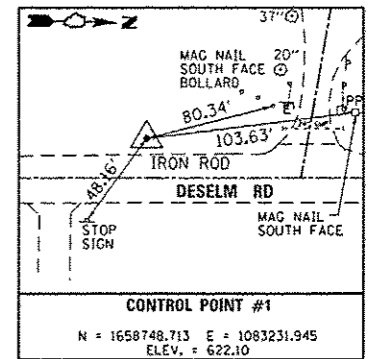
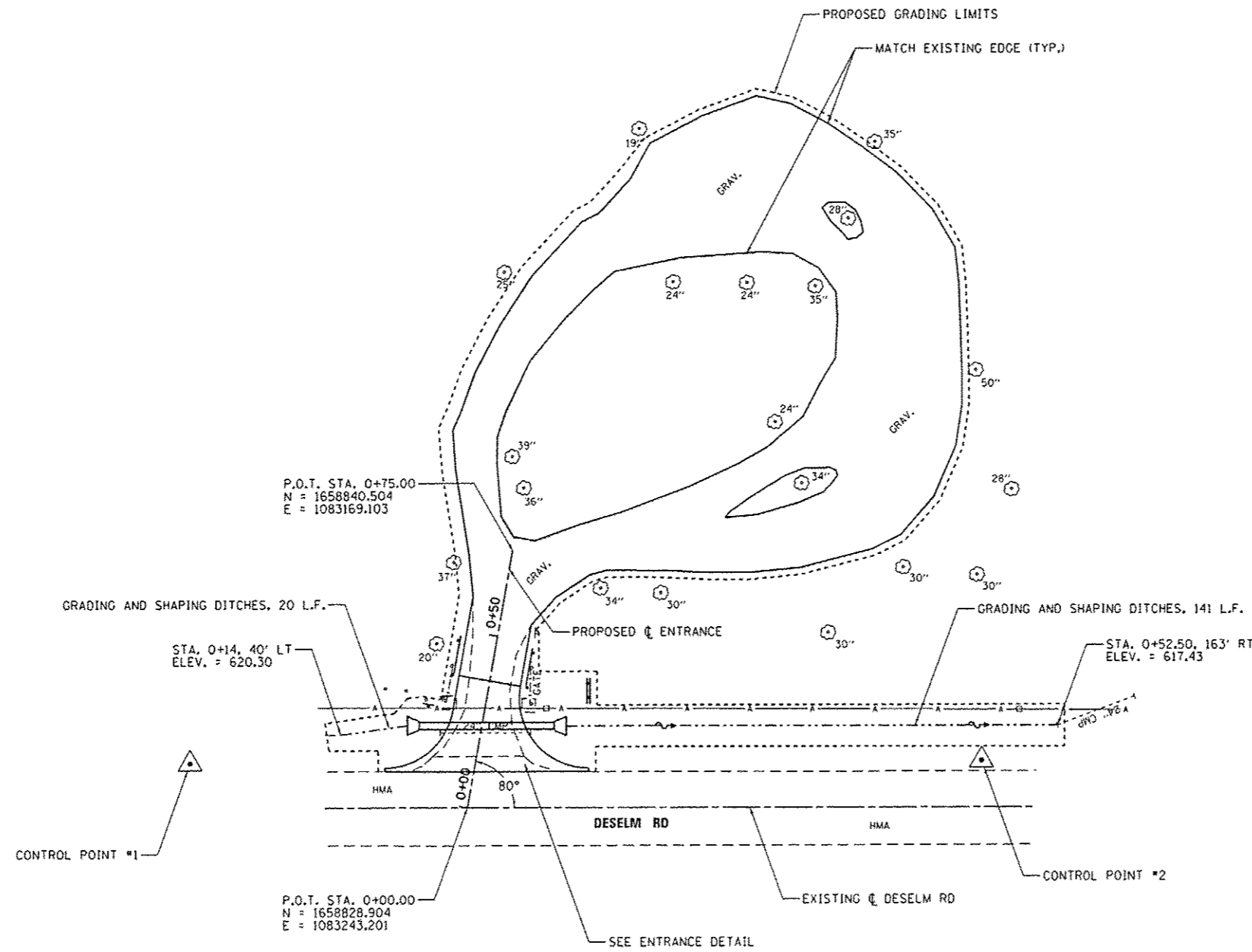
POINT NUMBER	STATION	OFFSET	ELEVATION
1	11+74.00	12.83' RT	657.33
2	11+62.23	9.00' RT	658.16
3	11+54.00	9.00' RT	658.79
4	11+54.00	0	659.06
5	11+74.00	0	657.90
6	11+74.00	14.66' LT	658.05
7	11+64.36	9.00' LT	658.51
8	11+54.00	9.00' LT	658.92



FILE NAME =	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAIL - HORSE STABLE KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1001\1106610\10.15\Draw-CADD_Sheets\46251\shs-HorseStable-005EntranceDetail.dgn	PLDT SCALE = 20.0000 1/1 in.	DRAWN - RAH	REVISED -			PARK ROADS	*	140	82	
Defaults	PLDT DATE = 4/6/2013	CHECKED - BJD	REVISED -			* WILL & KANKAKEE			CONTRACT NO. 46251	
		DATE - 3/29/2013	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 10'	SHEET 5 OF 5 SHEETS	STA.	TO STA.		

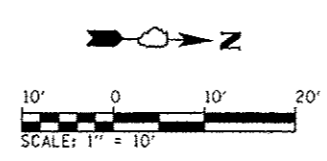
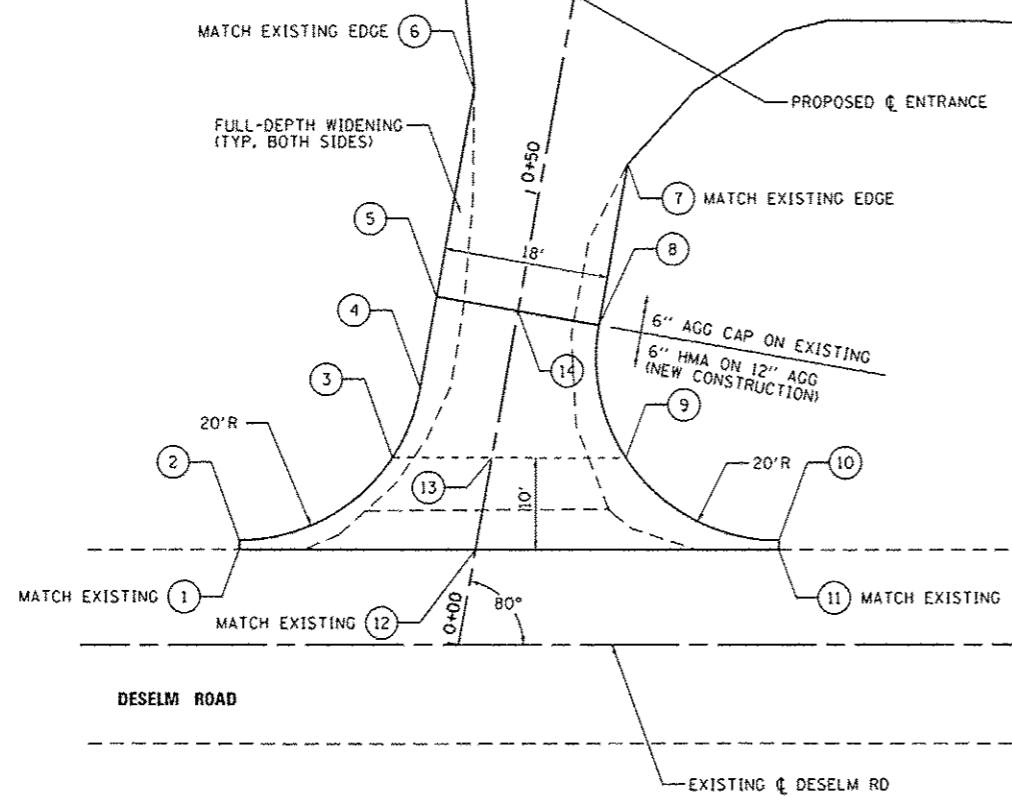
BILL OF MATERIALS - ROCK CREEK

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	29
FURNISHED EXCAVATION	CU YD	4
TRENCH BACKFILL	CU YD	7.7
TOPSOIL FURNISH AND PLACE, 4"	SO YD	79
GRADING AND SHAPING DITCHES	FOOT	161
AGGREGATE BASE COURSE, TYPE A 8"	SO YD	13
AGGREGATE BASE COURSE, TYPE A 12"	SO YD	87
PREPARATION OF BASE	SO YD	1,127
AGGREGATE SURFACE COURSE, TYPE A 6"	SO YD	1,138
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	19.5
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	8.1
PAVEMENT REMOVAL	SO YD	16
AGGREGATE WEDGE SHOULDER, TYPE B	TON	0.8
PIPE CULVERT REMOVAL	FOOT	27
PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	40
END SECTIONS 24"	EACH	2
SIGN PANEL - TYPE 1	SO FT	7
WOOD SIGN SUPPORT	FOOT	40
PAINT PAVEMENT MARKING - LINE 24"	FOOT	9
REMOVE EXISTING GATE	EACH	1
TUBULAR STEEL GATE	EACH	1
SIGN PANEL - TYPE 1 (SPECIAL)	SO FT	8
BITUMINOUS MATERIALS (PRIME COAT)	POUND	203

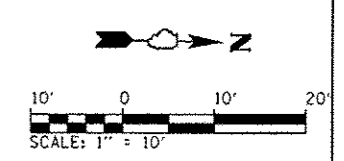
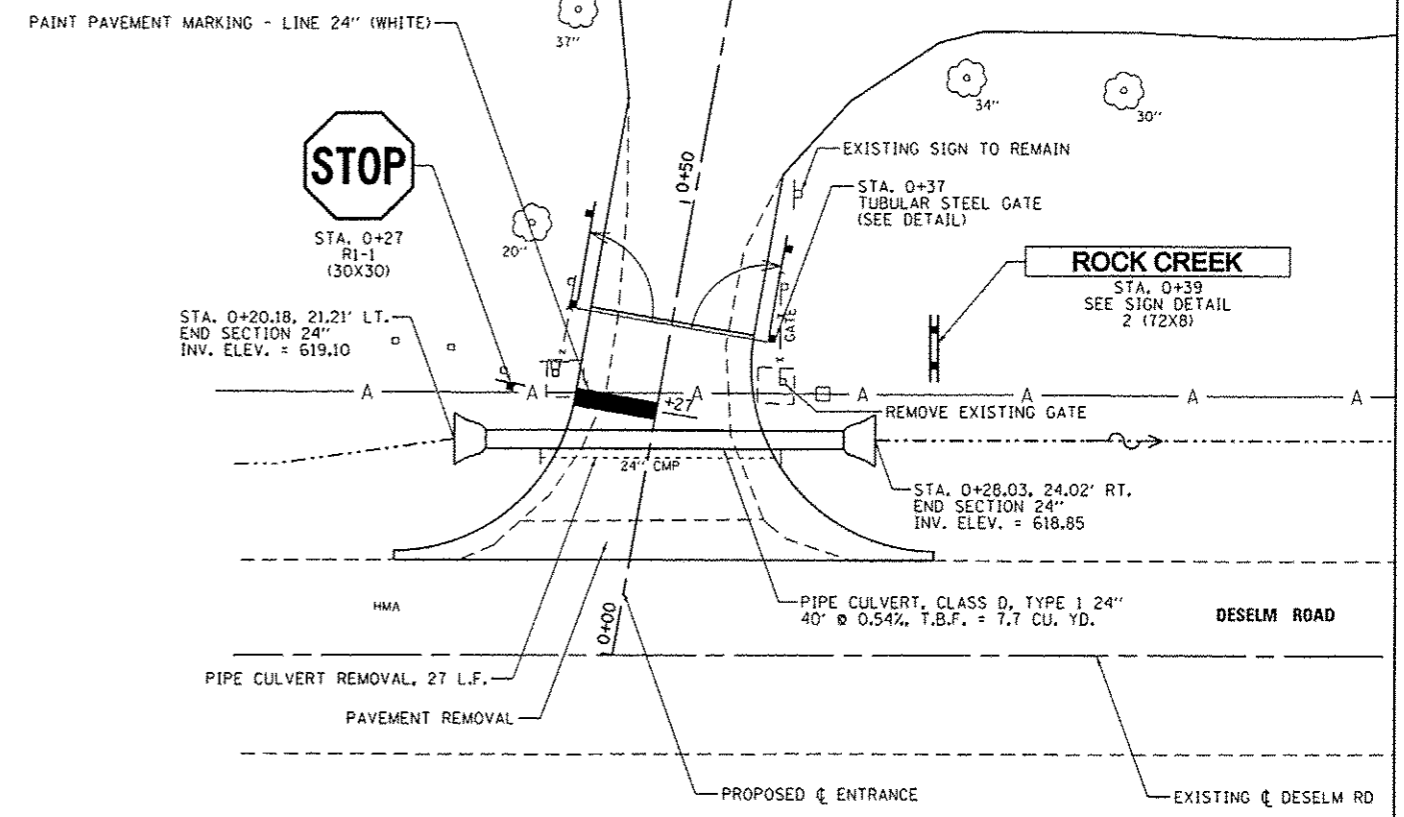


FILE NAME : L:\1007\1106610\W0.15\Draw\CADD_Sheets\46251-shl-RockCreek-01SitePlan.dgn	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - ROCK CREEK KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40.0000 / 1 in.	CHECKED - BJO	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS	STA.	TO STA.	PARK ROADS	*	140	83
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -						* WILL & KANKAKEE		CONTRACT NO. 46251	
											ILLINOIS FED. AID PROJECT	

POINT NUMBER	STATION	OFFSET	ELEVATION
1	0+06.10	25.37' LT	622.15
2	0+07.09	25.55' LT	622.13
3	0+18.83	10.65' LT	621.94
4	0+26.79	9.00' LT	622.08
5	0+36.96	9.00' LT	622.26
6	0+59.95	9.00' LT	622.31
7	0+54.85	9.00' RT	622.28
8	0+36.96	9.00' RT	622.26
9	0+23.23	14.45' RT	621.93
10	0+17.26	32.45' RT	622.10
11	0+16.26	32.63' RT	622.12
12	0+10.55	CL	622.14
13	0+24.70	CL	622.03
14	0+36.96	CL	622.40



GRADING & STAKING PLAN



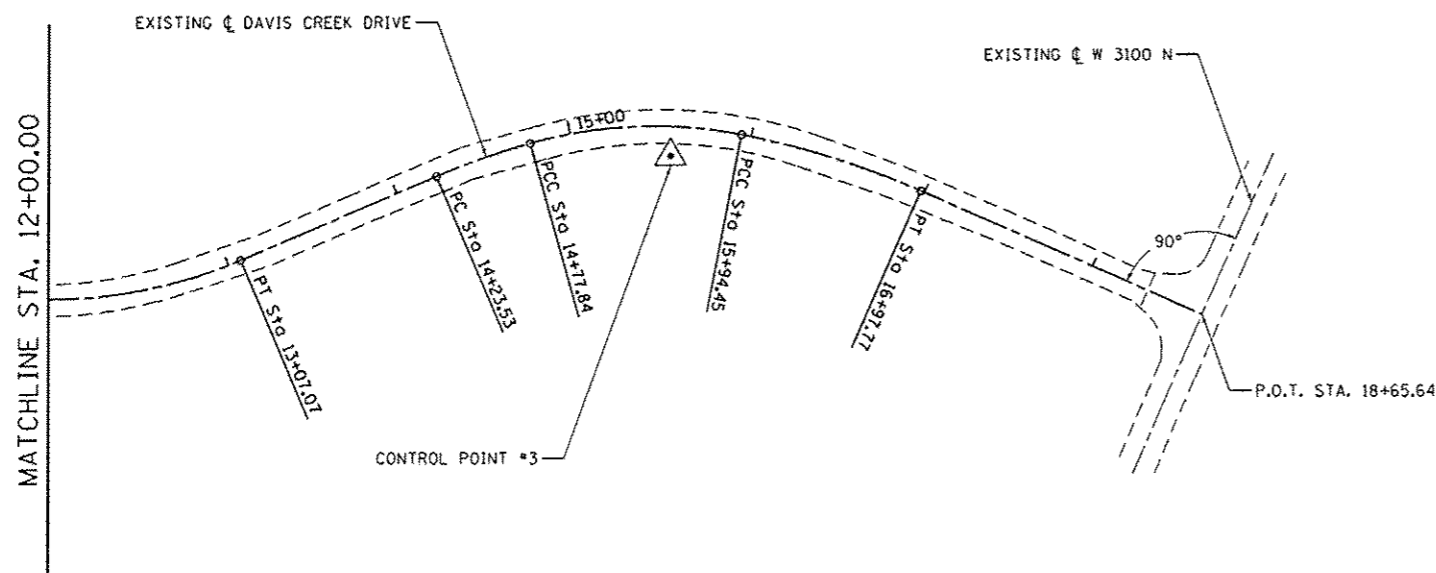
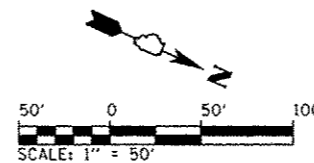
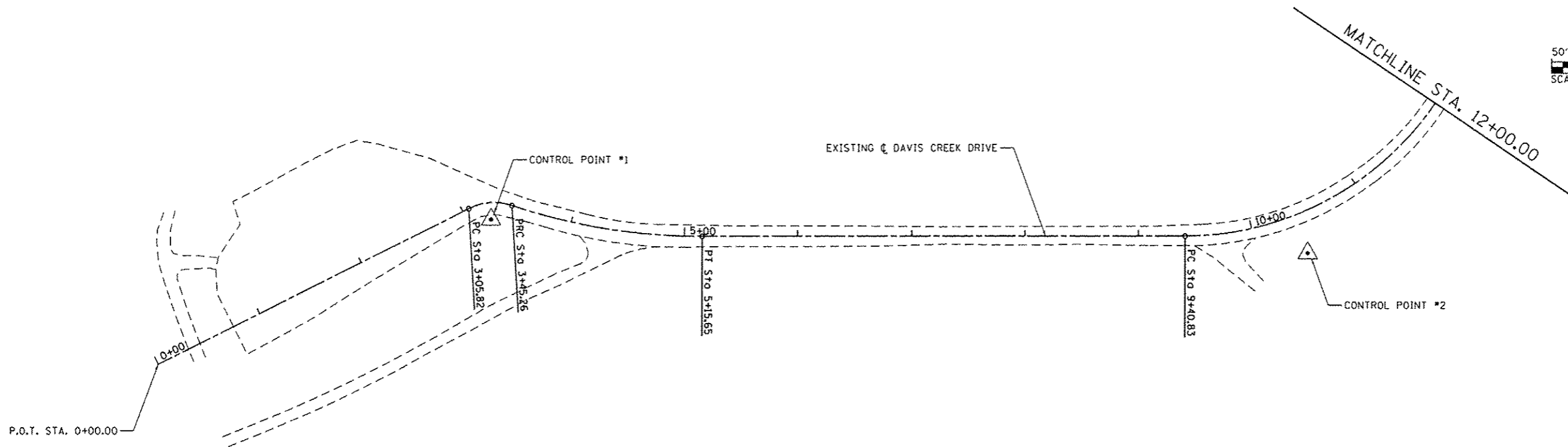
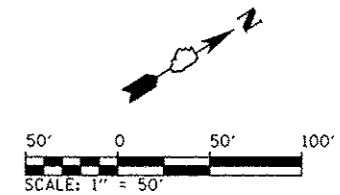
CONSTRUCTION DETAILS

FILE NAME = L:\1001\1106610\WD_15\0-CADD_Sheets\046251-sh1-RockCreek-082EntranceDetails.dgn	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -
		DRAWN - RAH	REVISED -
		CHECKED - BJD	REVISED -
		DATE - 3/29/2013	REVISED -
Default	PLOT SCALE = 20.0000' / 1" /		
	PLOT DATE = 4/6/2013		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAILS - ROCK CREEK			
KANKAKEE RIVER STATE PARK			
SCALE: 1" = 10'	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	84
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS - DAVIS CREEK CAMPGROUND

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	342
FURNISHED EXCAVATION	CU YD	10
TRENCH BACKFILL	CU YD	6.5
TOPSOIL FURNISH AND PLACE, 4"	SO YD	198
GRADING AND SHAPING DITCHES	FOOT	140
AGGREGATE BASE COURSE, TYPE A	TON	498.2
AGGREGATE BASE COURSE, TYPE A 2"	SO YD	5,682
AGGREGATE BASE COURSE, TYPE A 12"	SO YD	736
AGGREGATE SURFACE COURSE, TYPE A	TON	25.0
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	825.5
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	625.1
PAVEMENT REMOVAL	SO YD	80
AGGREGATE WEDGE SHOULDER, TYPE B	TON	152.2
PIPE CULVERT REMOVAL	FOOT	40
PIPE CULVERTS, CLASS D, TYPE I 15"	FOOT	55
END SECTIONS 15"	EACH	2
SIGN PANEL - TYPE 1	SO FT	20
REMOVE SIGN PANEL - TYPE 1	SO FT	3
WOOD SIGN SUPPORT	FOOT	92
PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,280
PAINT PAVEMENT MARKING - LINE 24"	FOOT	15
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	2,140
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	6,450
LIGHT POLE, WOOD, 30 FOOT, CLASS 5	EACH	1
REMOVE EXISTING GATE	EACH	1
REMOVE EXISTING PARKING BLOCKS	EACH	45
PRECAST CONCRETE PARKING BLOCK	EACH	47
TUBULAR STEEL GATE	EACH	1
SCARIFY EXISTING SURFACE	SO YD	5,682
AGGREGATE SHOULDERS (SPECIAL)	TON	4.3
PIPE CULVERTS TO BE CLEANED 24"	FOOT	55
SIGN PANEL - TYPE 1 (SPECIAL)	SO FT	34
REMOVE SIGN COMPLETE	EACH	1
LUMINAIRE (SPECIAL)	EACH	1
BITUMINOUS MATERIALS (PRIME COAT)	POUND	15,786

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
L:\IDOT\1186610\W0.15\DWG\CADD_Sheets\46251-sht-DavisCreek-00[Alignment].dgn	Brad Downen	MJO	-
PLOT SCALE :	CHECKED :	DATE :	REVISED :
1/8" = 1'-0"	BJD	3/29/2013	-
PLOT DATE :	DATE :	REVISED :	-
4/6/2013	3/29/2013	-	-

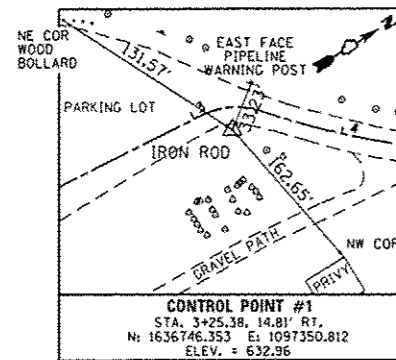
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT AND BILL OF MATERIALS - DAVIS CREEK CAMPGROUND
KANKAKEE RIVER STATE PARK

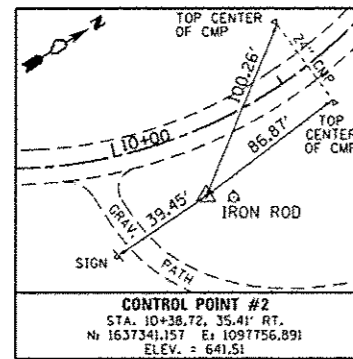
SCALE: 1" = 50' SHEET 1 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	85
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				

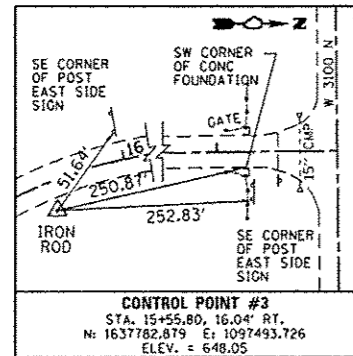
CONTROL POINTS



CONTROL POINT #1
 STA. 3+25.38, 14.81' RT.
 N: 1636746.353 E: 1097350.812
 ELEV. = 632.96



CONTROL POINT #2
 STA. 10+38.72, 35.41' RT.
 N: 1637341.157 E: 1097756.891
 ELEV. = 641.51



CONTROL POINT #3
 STA. 15+55.80, 16.04' RT.
 N: 1637782.879 E: 1097493.726
 ELEV. = 648.05

CURVE DATA

EXIST. ϕ DAVIS CREEK CURVE-1 DATA
 PI STA. = 3+26.63
 $\Delta = 45^\circ 12' 06''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 20.81'$
 $L = 39.45'$
 $E = 4.16'$
 P.C. STA. = 3+05.82
 P.R.C. STA. = 3+45.26

EXIST. ϕ DAVIS CREEK CURVE-2 DATA
 PI STA. = 4+31.21
 $\Delta = 18^\circ 35' 41''$ (LT)
 $D = 10^\circ 54' 49''$
 $R = 525.00'$
 $T = 85.95'$
 $L = 170.38'$
 $E = 6.99'$
 P.R.C. STA. = 3+45.26
 P.T. STA. = 5+15.65

EXIST. ϕ DAVIS CREEK CURVE-3 DATA
 PI STA. = 11+60.00
 $\Delta = 79^\circ 11' 03''$ (LT)
 $D = 21^\circ 37' 16''$
 $R = 265.00'$
 $T = 219.17'$
 $L = 366.24'$
 $E = 78.89'$
 P.C. STA. = 9+40.83
 P.T. STA. = 13+07.07

EXIST. ϕ DAVIS CREEK CURVE-4 DATA
 PI STA. = 14+50.72
 $\Delta = 7^\circ 29' 53''$ (RT)
 $D = 13^\circ 48' 22''$
 $R = 415.00'$
 $T = 27.19'$
 $L = 54.31'$
 $E = 0.89'$
 P.C. STA. = 14+23.53
 P.C.C. STA. = 14+77.84

EXIST. ϕ DAVIS CREEK CURVE-5 DATA
 PI STA. = 15+37.22
 $\Delta = 26^\circ 43' 37''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 59.39'$
 $L = 116.62'$
 $E = 6.96'$
 P.C.C. STA. = 14+77.84
 P.C.C. STA. = 15+94.45

EXIST. ϕ DAVIS CREEK CURVE-6 DATA
 PI STA. = 16+46.32
 $\Delta = 12^\circ 35' 42''$ (RT)
 $D = 12^\circ 11' 26''$
 $R = 470.00'$
 $T = 51.87'$
 $L = 103.32'$
 $E = 2.85'$
 P.C.C. STA. = 15+94.45
 P.T. STA. = 16+97.77

COORDINATE DATA

P.O.T. STA. 0+00.00
 N. : 1636430.098
 E. : 1097303.891

P.C. STA. 3+05.82
 N. : 1636734.604
 E. : 1097332.175

P.I. STA. 3+26.63
 N. : 1636755.329
 E. : 1097334.100

P.R.C. STA. 3+45.26
 N. : 1636768.566
 E. : 1097350.163

P.I. STA. 4+31.21
 N. : 1636823.225
 E. : 1097416.489

P.T. STA. 5+15.65
 N. : 1636896.180
 E. : 1097461.924

P.C. STA. 9+40.83
 N. : 1637257.098
 E. : 1097686.695

P.I. STA. 11+60.00
 N. : 1637443.136
 E. : 1097802.556

P.T. STA. 13+07.07
 N. : 1637591.848
 E. : 1097641.564

P.C. STA. 14+23.53
 N. : 1637670.868
 E. : 1097556.019

P.I. STA. 14+50.72
 N. : 1637689.320
 E. : 1097536.043

P.C.C. STA. 14+77.84
 N. : 1637710.221
 E. : 1097518.646

P.I. STA. 15+37.22
 N. : 1637755.867
 E. : 1097480.652

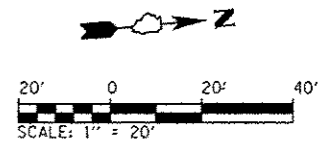
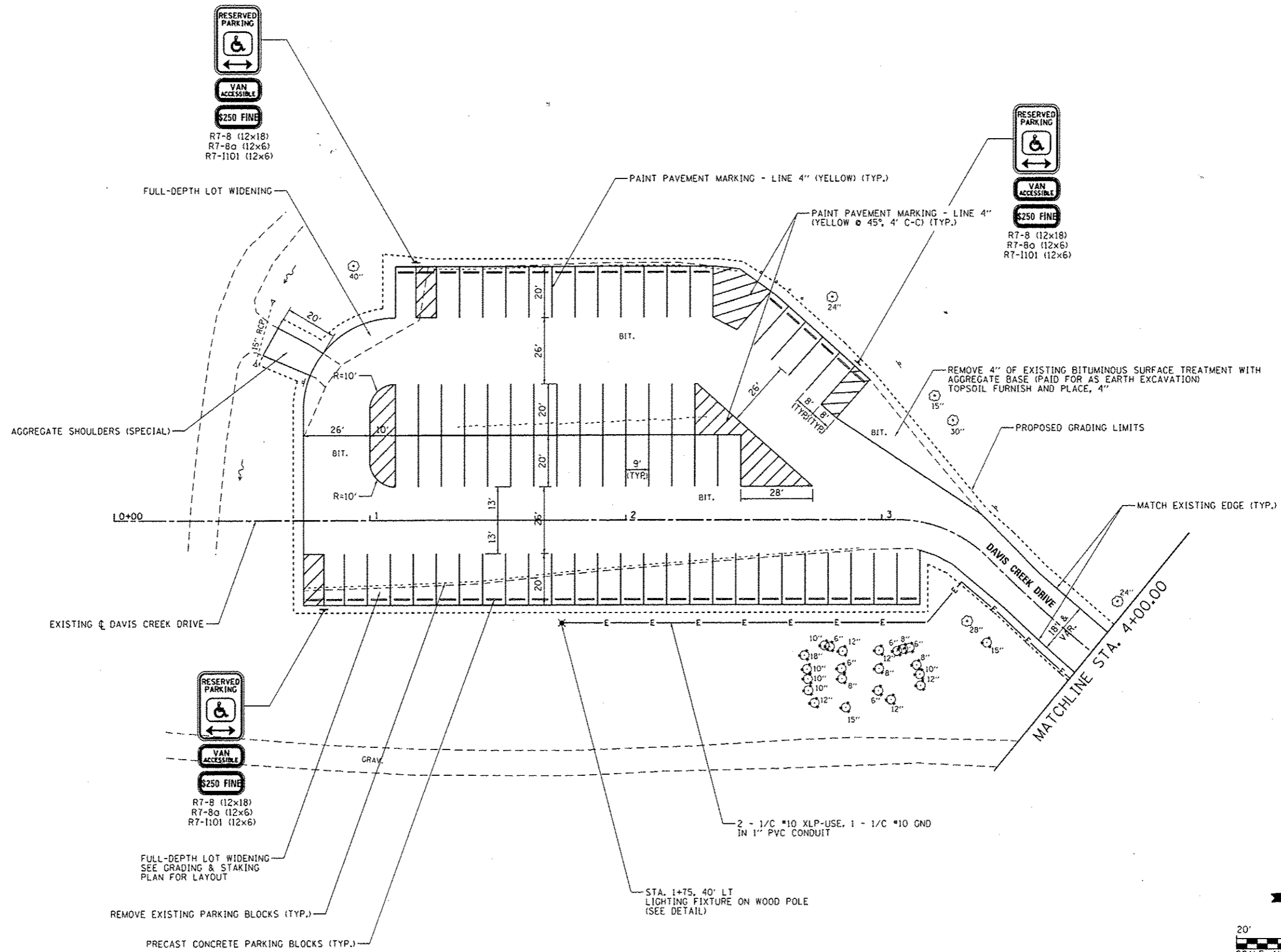
P.C.C. STA. 15+94.45
 N. : 1637813.724
 E. : 1097467.247

P.I. STA. 16+46.32
 N. : 1637864.253
 E. : 1097455.539

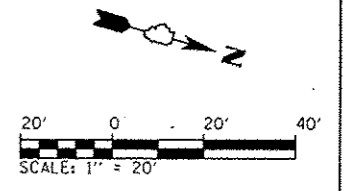
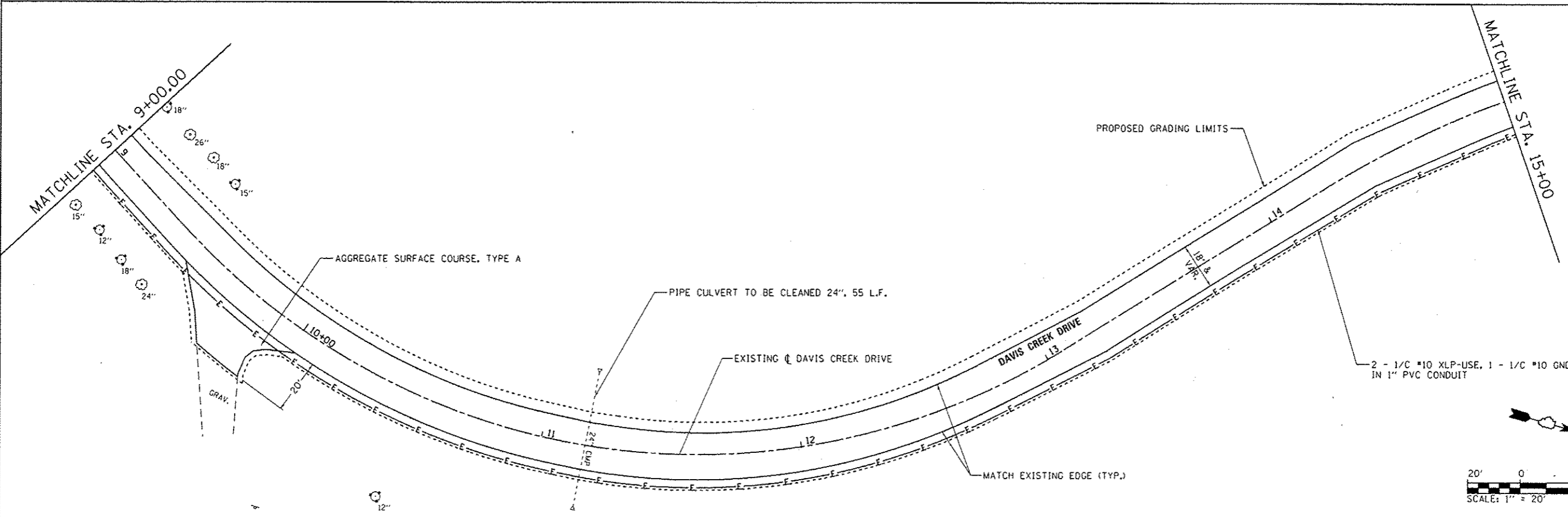
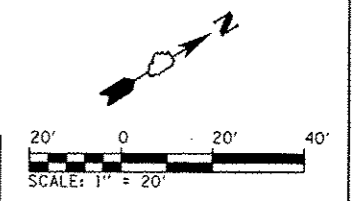
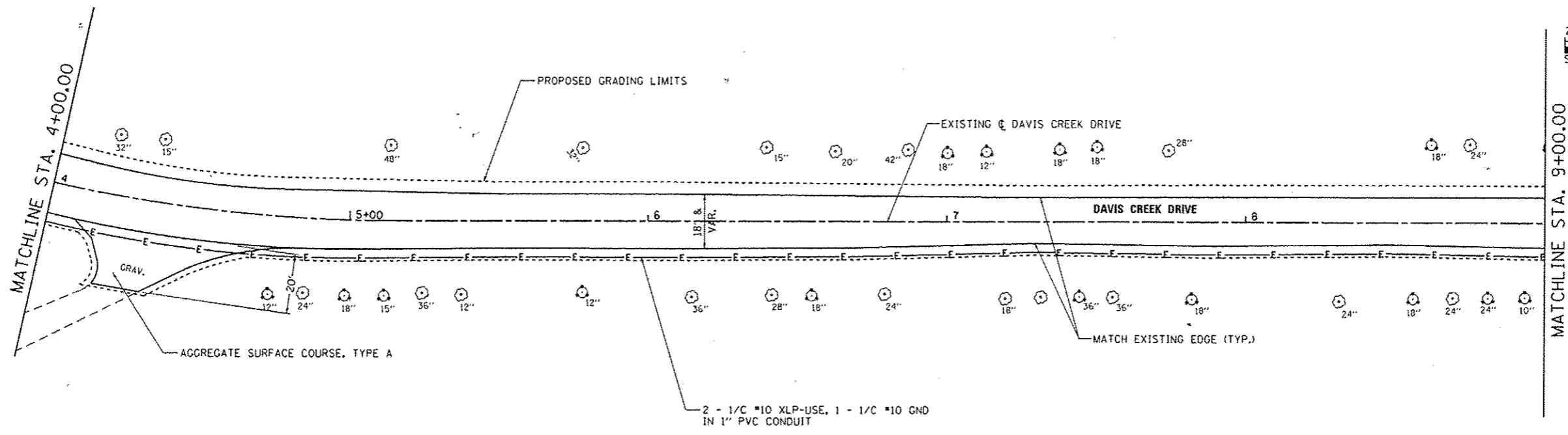
P.T. STA. 16+97.77
 N. : 1637916.119
 E. : 1097455.131

P.O.T. STA. 18+65.64
 N. : 1638083.983
 E. : 1097453.811

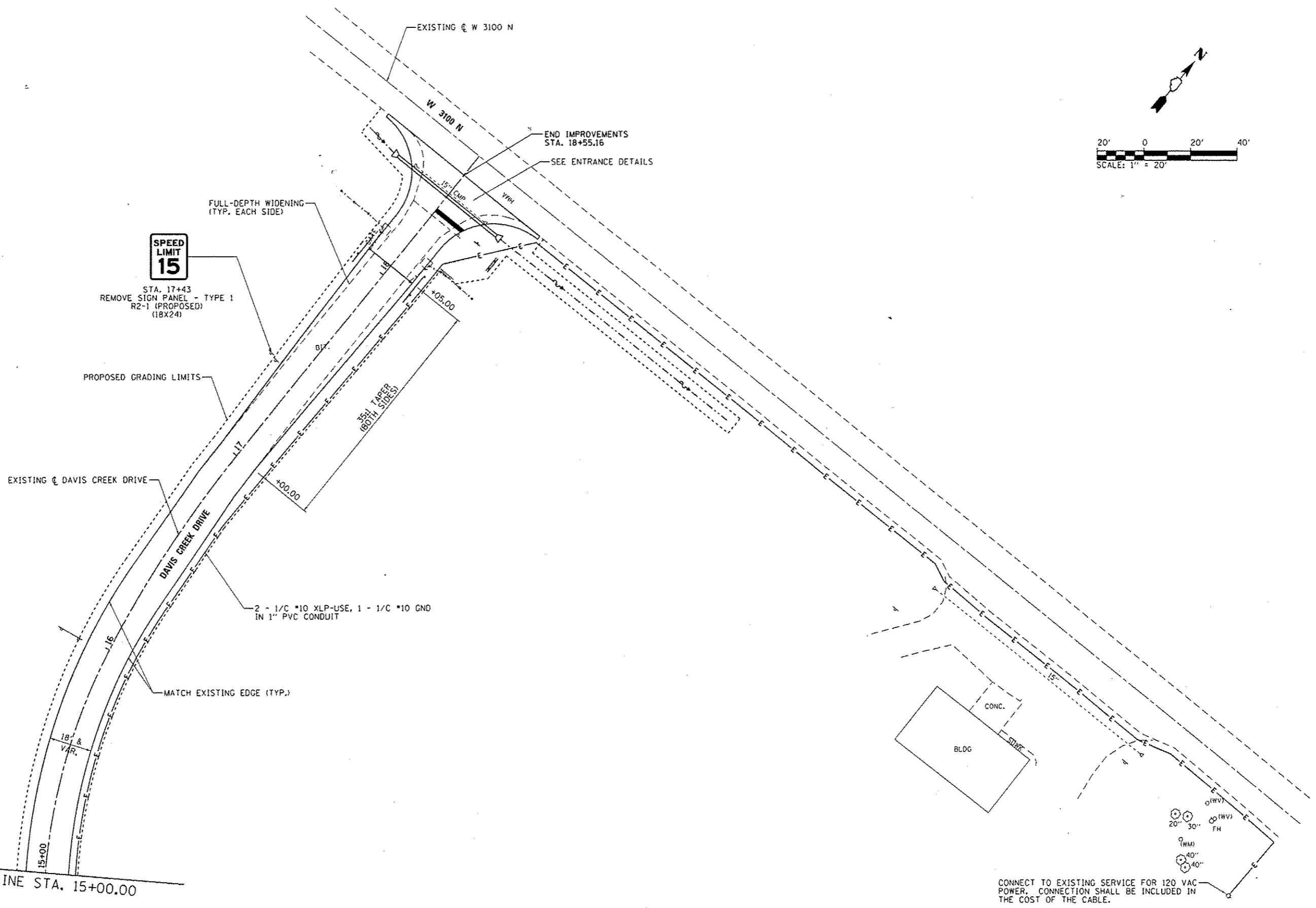
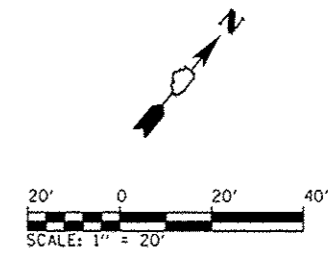
FILE NAME : L:\ID01\1186G18\W0_15\Drawings\CADD_Sheets\046251-sht-DavisCreek-882\Alignment.dgn	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT - DAVIS CREEK CAMPGROUND KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE : 100.0000 / 1 in.	CHECKED - BJD	REVISED -			SCALE: N.T.S.	SHEET 2 OF 7 SHEETS	STA.	TO STA.	140	86
	PLOT DATE : 4/6/2013	DATE - 3/29/2013	REVISED -					* WILL & KANKAKEE		CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT											



FILE NAME L:\1001\1186618\40.15\Draw\CADD_Sheets\046251-sht-DavisCreek-003SitePlan.dgn	USER NAME = Brad Downen	DESIGNED - MJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - DAVIS CREEK CAMPGROUND KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 40,0000' / 1" = 40000'	CHECKED - BJD	REVISED -		SCALE: 1" = 20'	SHEET 3 OF 7 SHEETS	STA. 0+00 TO STA. 4+00	PARK ROADS	*	140	87	
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -					* WILL & KANKAKEE		CONTRACT NO. 46251		
								ILLINOIS FED. AID PROJECT				



FILE NAME: L:\DOT\118618\RD_15\0-a\NCADD_Sheets\046251\rd-DavisCreek-004SitePlan.dgn	USER NAME: Brad Doenen	DESIGNED: MJO	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - DAVIS CREEK CAMPGROUND KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE: 40.00000 / in.	CHECKED: BJD	REVISED:			* WILL & KANKAKEE	CONTRACT NO. 46251			
Default	PLOT DATE: 4/6/2013	DATE: 3/29/2013	REVISED:	SCALE: 1" = 20'	SHEET 4 OF 7 SHEETS	STA. 4+00	TO STA. 15+00	ILLINOIS FED. AID PROJECT		



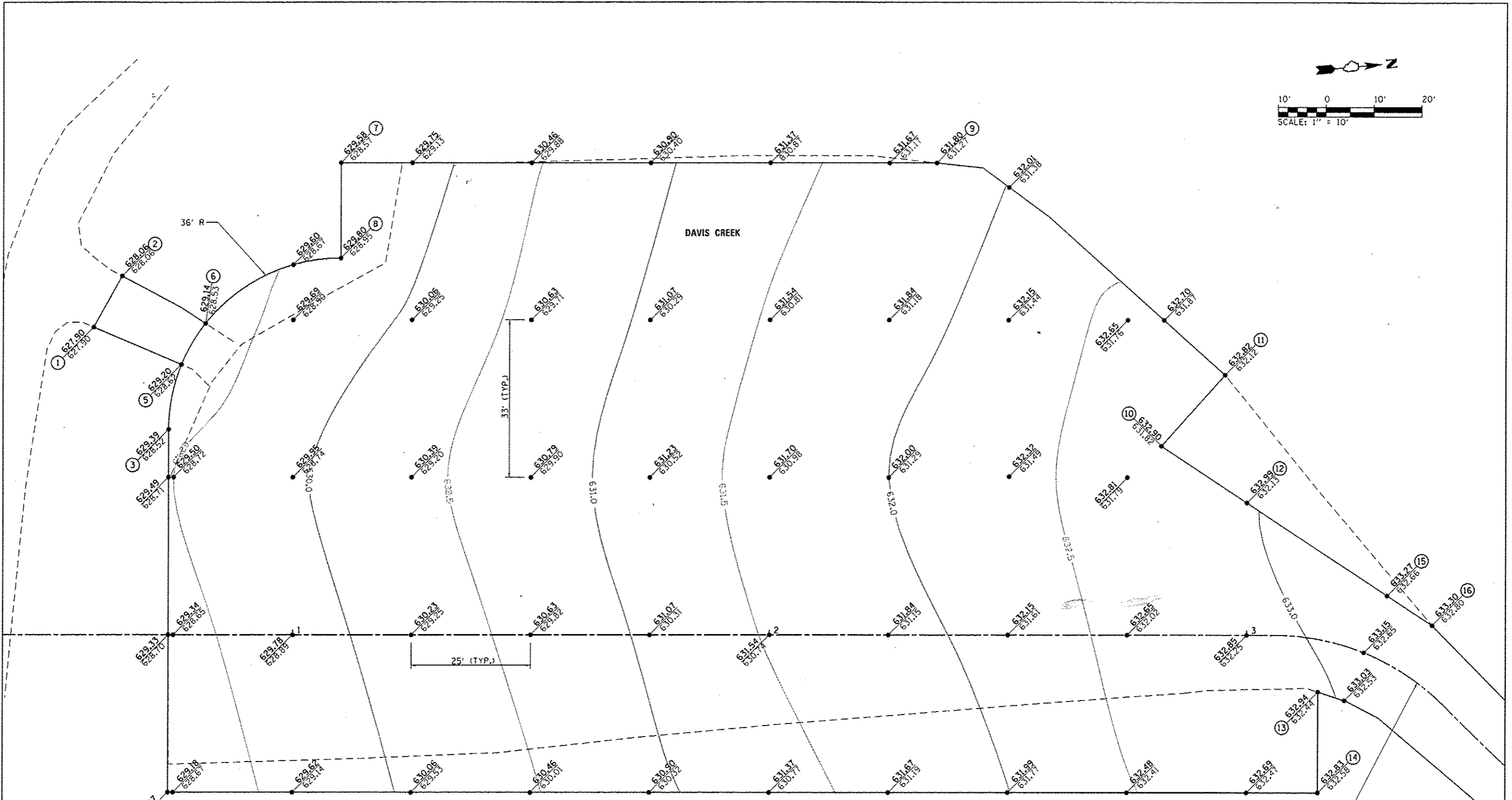
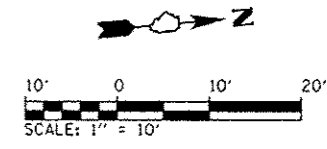
CONNECT TO EXISTING SERVICE FOR 120 VAC POWER. CONNECTION SHALL BE INCLUDED IN THE COST OF THE CABLE.

FILE NAME: L:\1007\1106610\10.15\AD\CAADD_Sheets\046251-sht-DavisCreek-095SitePlan.dgn	USER NAME: Brad Downen	DESIGNED: MJD	REVISED:
		DRAWN: RAH	REVISED:
		CHECKED: BJD	REVISED:
		DATE: 3/29/2013	REVISED:
Default	PLOT DATE: 4/6/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SITE PLAN - DAVIS CREEK CAMPGROUND			
KANKAKEE RIVER STATE PARK			
SCALE: 1" = 20'	SHEET 5 OF 7 SHEETS	STA. 15+00 TO STA. 18+65.64	

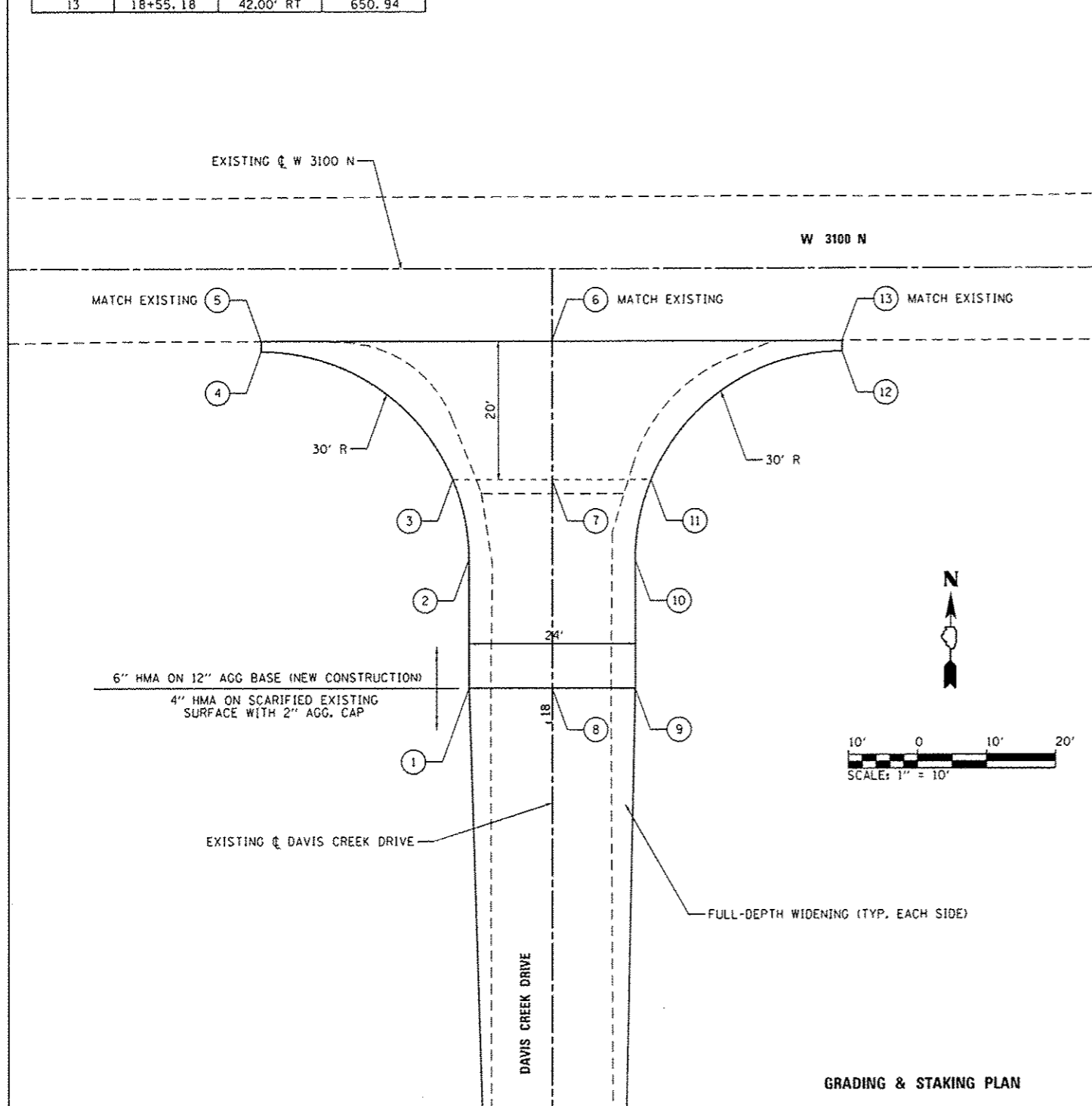
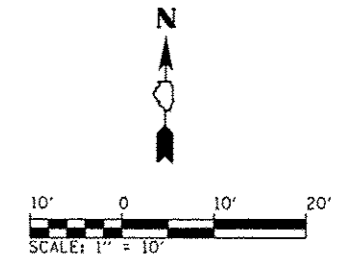
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	89
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				



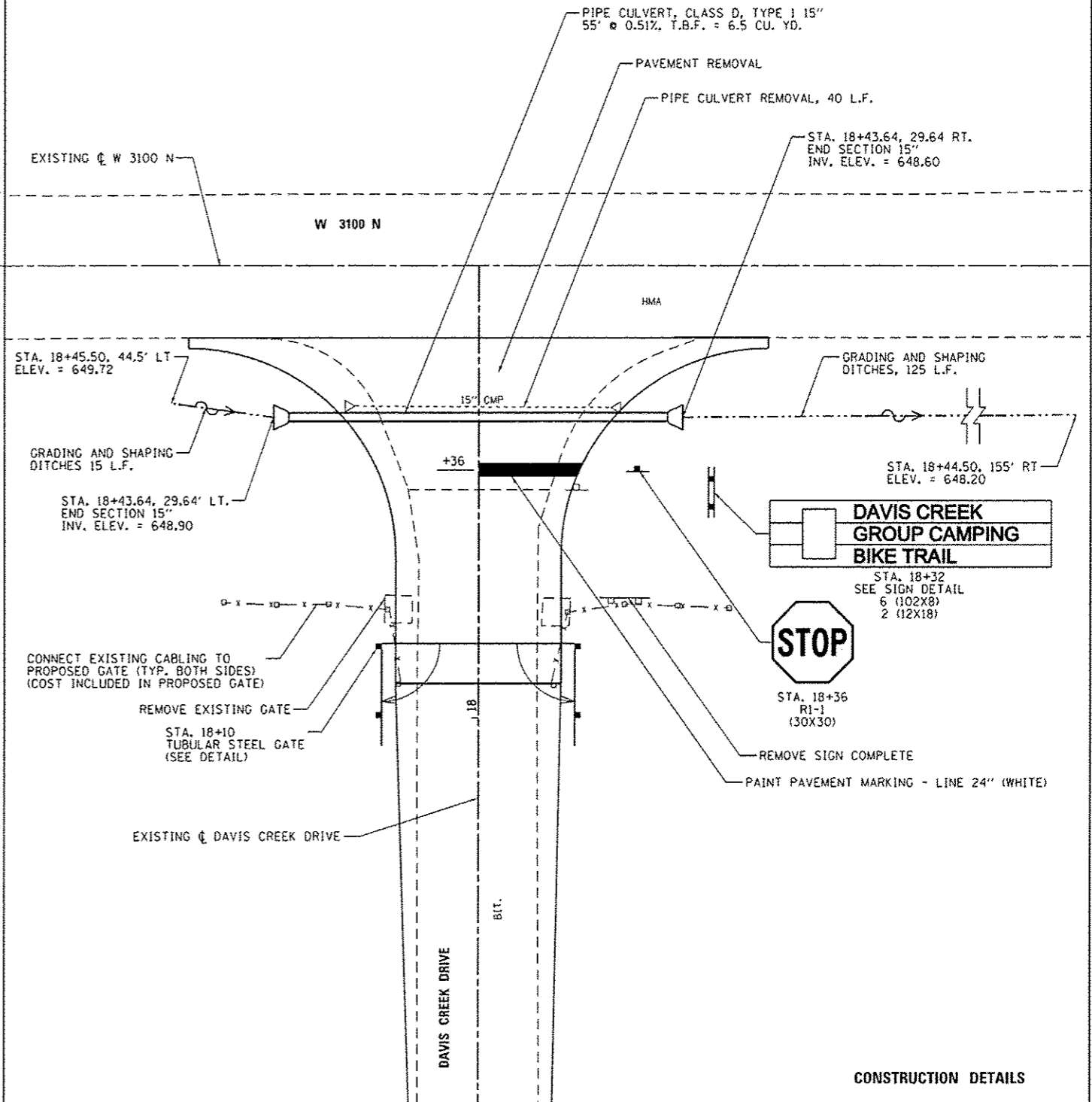
PARKING LOT LAYOUT POINTS		
① STA. 0+58.22, 64.44' LT.	⑦ STA. 1+09.95, 99.00' LT.	⑬ STA. 3+17.58, 10.82' RT.
② STA. 0+64.13, 75.20' LT.	⑧ STA. 1+09.95, 79.00' LT.	⑭ STA. 3+30.47, 30.70' RT.
③ STA. 0+73.95, 43.00' LT.	⑨ STA. 2+34.88, 99.00' LT.	⑮ STA. 3+25.00, 12.91' LT.
④ STA. 0+73.95, 33.00' RT.	⑩ STA. 2+82.10, 39.60' LT.	⑯ STA. 3+34.03, 11.66' RT.
⑤ STA. 0+76.62, 56.61' LT.	⑪ STA. 2+95.37, 54.50' LT.	
⑥ STA. 0+81.66, 65.26' LT.	⑫ STA. 3+00.00, 27.76' LT.	

LEGEND
 • 658.85 PROPOSED ELEVATION
 • 658.85 EXISTING ELEVATION

POINT NUMBER	STATION	OFFSET	ELEVATION
1	18+05.00	12.00' LT	651.60
2	18+23.64	12.00' LT	651.23
3	18+35.16	14.30' LT	650.91
4	18+53.64	42.00' LT	652.06
5	18+55.15	42.00' LT	652.09
6	18+55.16	¢	651.52
7	18+35.16	¢	651.12
8	18+05.00	¢	651.78
9	18+05.00	12.00' RT	651.60
10	18+23.64	12.00' RT	651.23
11	18+35.16	14.30' RT	650.91
12	18+53.64	42.00' RT	650.91
13	18+55.18	42.00' RT	650.94



GRADING & STAKING PLAN



CONSTRUCTION DETAILS

FILE NAME : L:\1007\1186618\WD_15\0-aw\CA00_Sheets\046251-ent-DavisCreek-087EntranceDetail.dgn	USER NAME : Brod Gowen	DESIGNED - MJO	REVISED -
		DRAWN - RAH	REVISED -
		CHECKED - BJO	REVISED -
		DATE - 3/29/2013	REVISED -

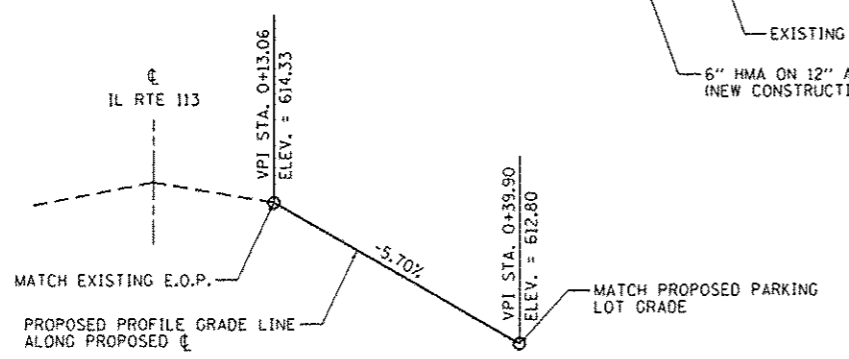
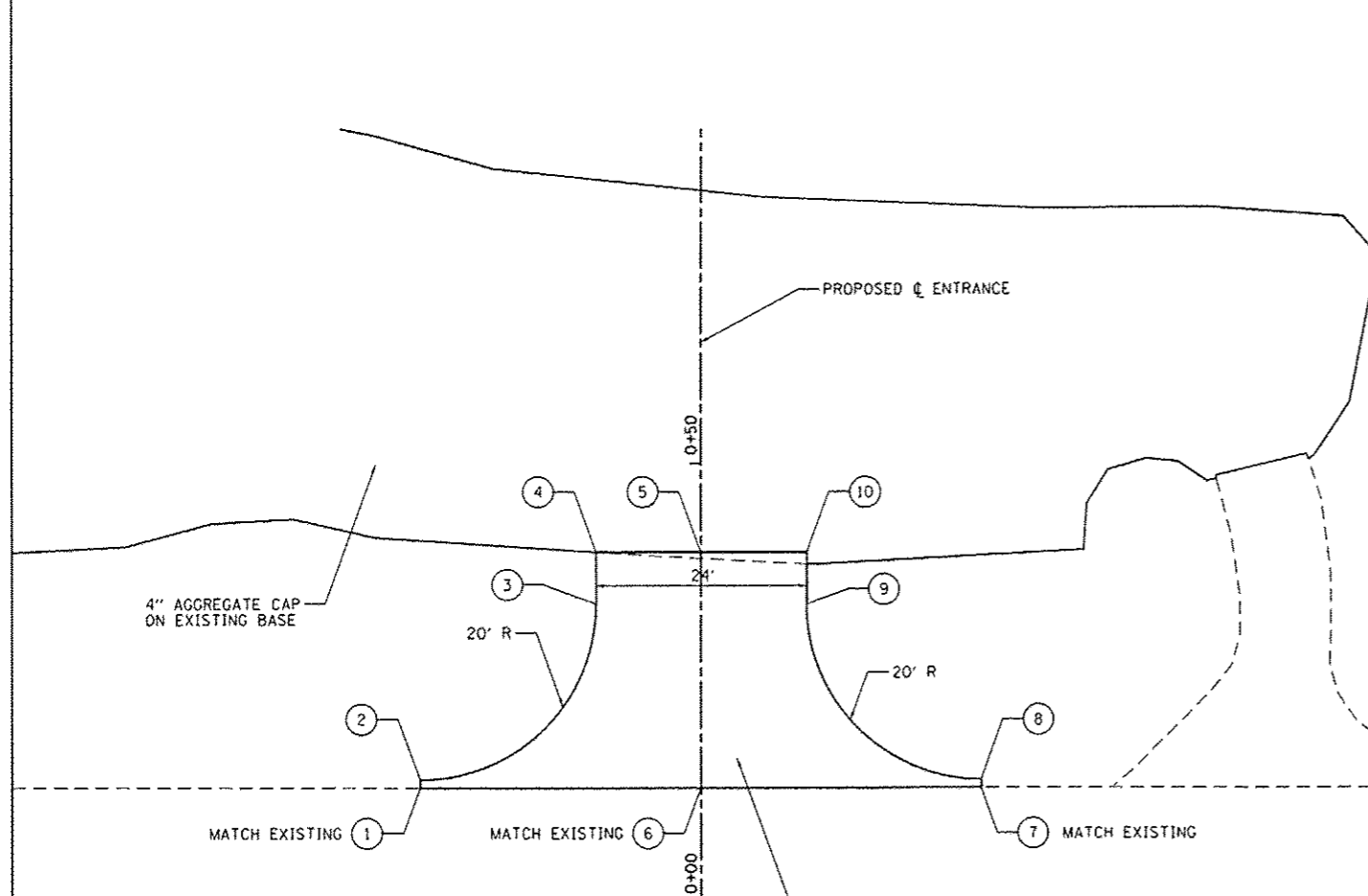
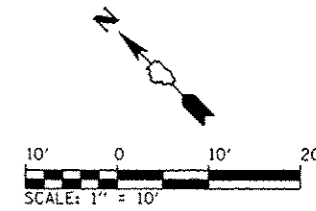
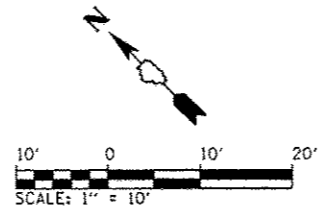
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAIL - DAVIS CREEK CAMPGROUND
KANKAKEE RIVER STATE PARK

SCALE: 1" = 10' SHEET 7 OF 7 SHEETS STA. TO STA.

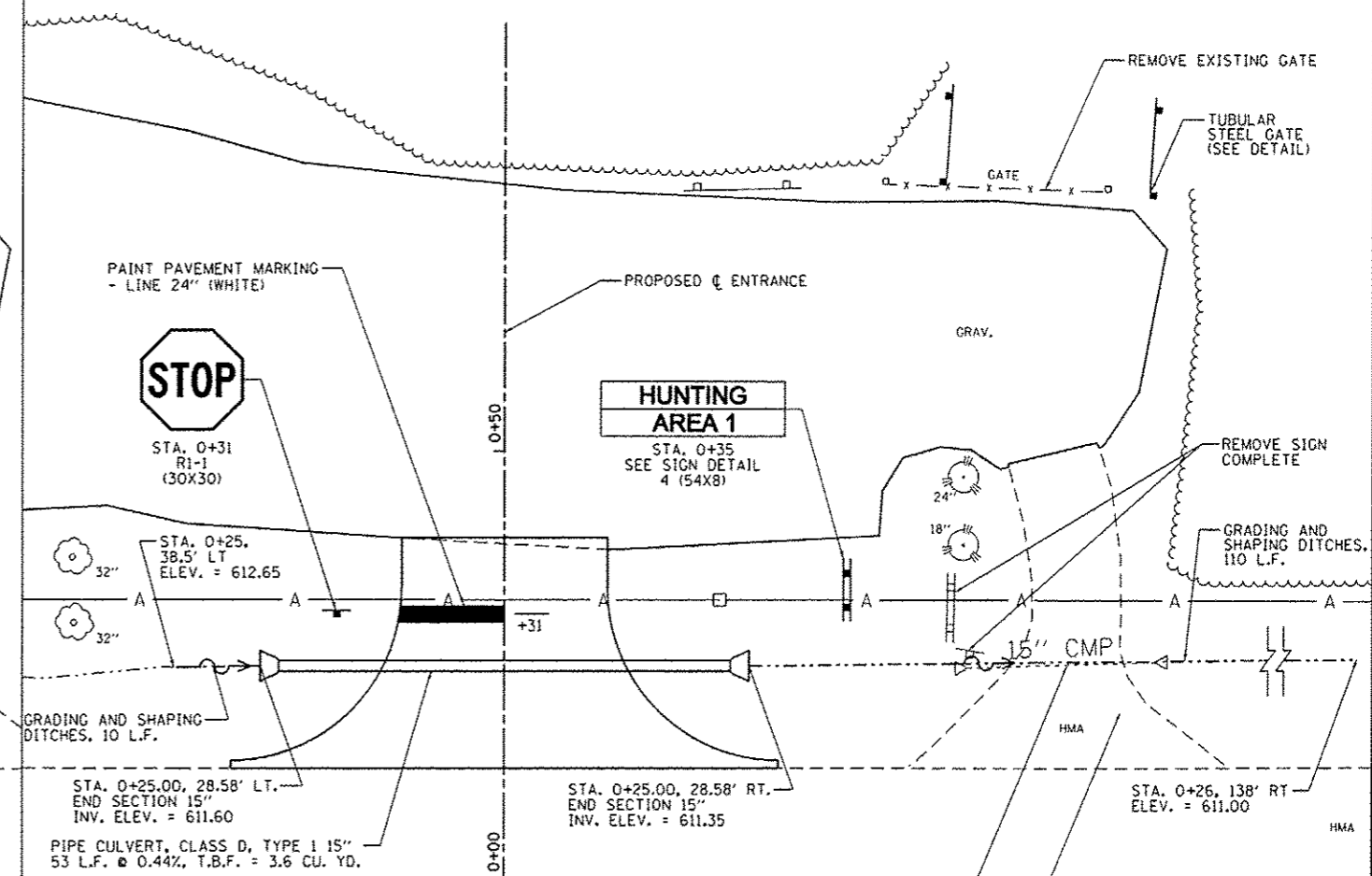
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	91
WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				

POINT NUMBER	STATION	OFFSET	ELEVATION
1	0+13.06	32.00' LT	614.55
2	0+14.00	32.00' LT	614.49
3	0+34.00	12.00' LT	613.12
4	0+39.90	12.00' LT	612.81
5	0+39.90	CL	612.80
6	0+13.06	CL	614.33
7	0+13.06	32.00' RT	614.10
8	0+14.00	32.00' RT	614.04
9	0+34.00	12.00' RT	612.99
10	0+39.90	12.00' RT	612.75



ENTRANCE PROFILE

GRADING & STAKING PLAN



PIPE CULVERT REMOVAL, 25 L.F.
PAVEMENT REMOVAL DEGRADE EXISTING ENTRANCE

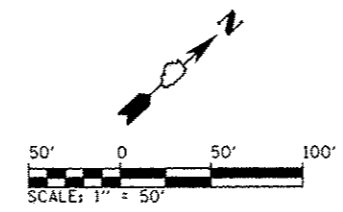
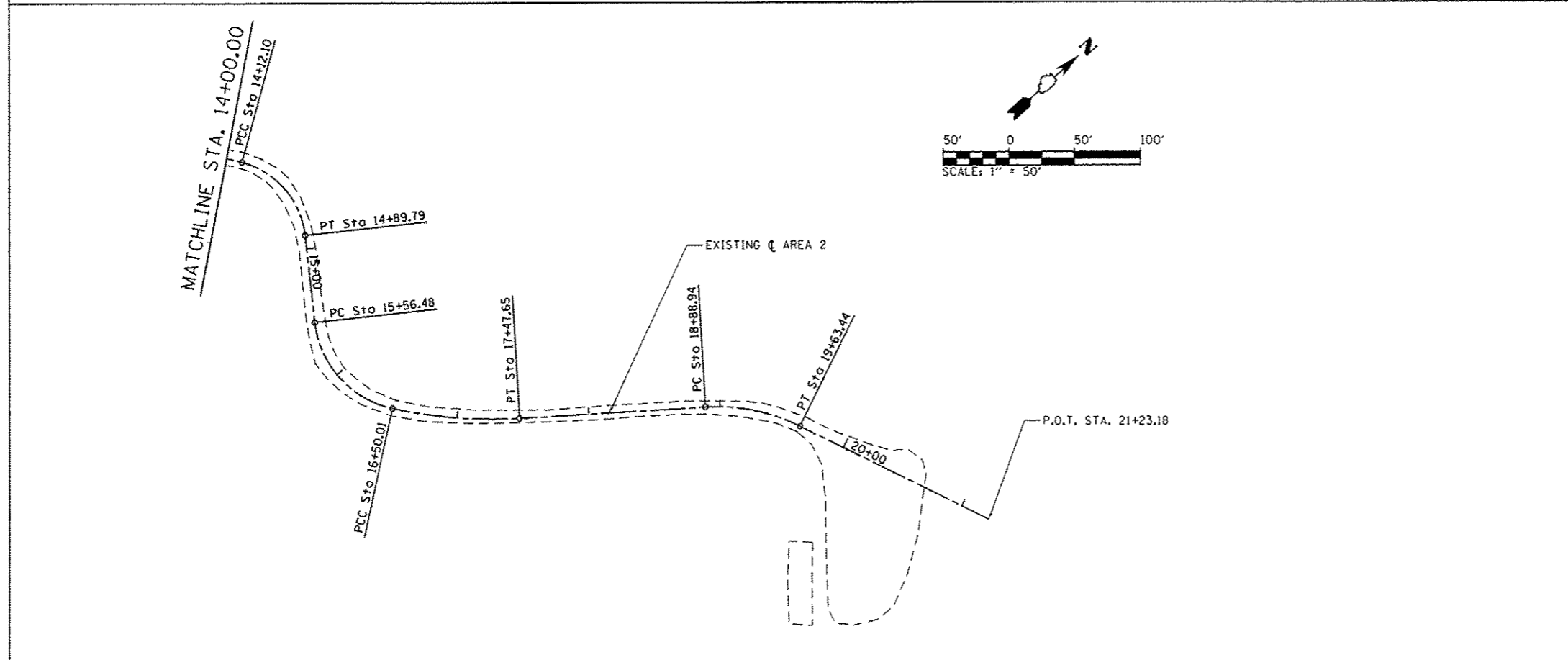
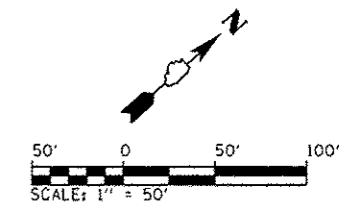
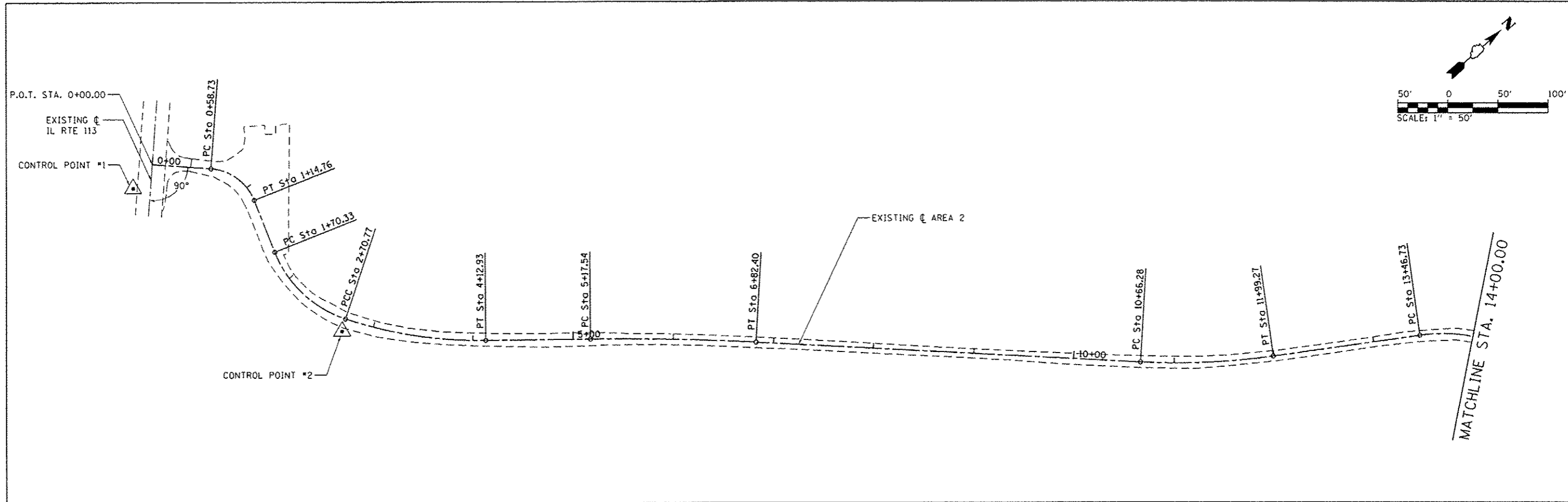
CONSTRUCTION DETAILS

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		DRAWN - RAH	REVISED -
		CHECKED - BJD	REVISED -
		DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAILS - AREA 1
KANKAKEE RIVER STATE PARK
SCALE: 1" = 10' SHEET 2 OF 2 SHEETS STA. TO STA.

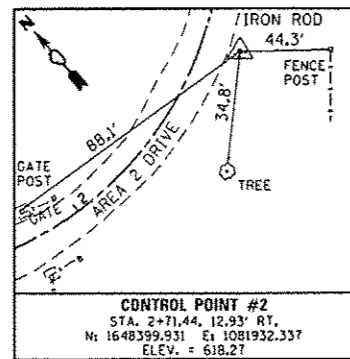
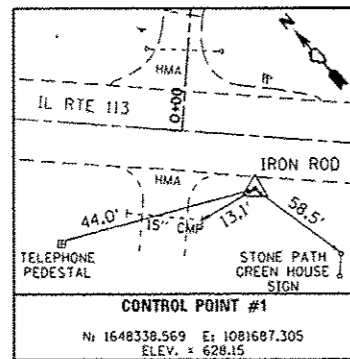
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS		140	93
WILL & KANKAKEE		CONTRACT NO. 46251		
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS - AREA 2

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	54
FURNISHED EXCAVATION	CU YD	8
TRENCH BACKFILL	CU YD	3.5
TOPSOIL FURNISH AND PLACE, 4"	SO YD	62
GRADING AND SHAPING DITCHES	FOOT	60
AGGREGATE BASE COURSE, TYPE A 8"	SO YD	31
AGGREGATE BASE COURSE, TYPE A 12"	SO YD	113
PREPARATION OF BASE	SO YD	4.041
AGGREGATE SURFACE COURSE, TYPE A 4"	SO YD	4.717
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	25.7
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	10.6
PAVEMENT REMOVAL	SO YD	61
AGGREGATE WEDGE SHOULDER, TYPE B	TON	11.4
PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	54
END SECTIONS 15"	EACH	2
SIGN PANEL - TYPE 1	SO FT	19
WOOD SIGN SUPPORT	FOOT	74
PAINT PAVEMENT MARKING - LINE 24"	FOOT	12
REMOVE EXISTING GATE	EACH	2
TUBULAR STEEL GATE	EACH	2
PIPE CULVERTS TO BE CLEANED 18"	FOOT	26
PIPE CULVERTS TO BE CLEANED 24"	FOOT	30
SIGN PANEL - TYPE 1 (SPECIAL)	SO FT	12
REMOVE SIGN COMPLETE	EACH	1
BITUMINOUS MATERIALS (PRIME COAT)	POUND	267

CONTROL POINTS



CURVE DATA

EXIST. \dot{C} AREA 2 CURVE-1 DATA
 PI STA. = 0+90.10
 Δ = 64° 12' 25" (RT)
 D = 114° 35' 30"
 R = 50.00'
 T = 31.37'
 L = 56.03'
 E = 9.03'
 P.C. STA. = 0+58.73
 P.T. STA. = 1+14.76

EXIST. \dot{C} AREA 2 CURVE-6 DATA
 PI STA. = 13+79.88
 Δ = 23° 24' 36" (RT)
 D = 35° 48' 36"
 R = 160.00'
 T = 33.15'
 L = 65.37'
 E = 3.40'
 P.C. STA. = 13+46.73
 P.C.C. STA. = 14+12.10

EXIST. \dot{C} AREA 2 CURVE-2 DATA
 PI STA. = 2+24.01
 Δ = 50° 02' 32" (LT)
 D = 49° 49' 21"
 R = 115.00'
 T = 53.68'
 L = 100.44'
 E = 11.91'
 P.C. STA. = 1+70.33
 P.C.C. STA. = 2+70.77

EXIST. \dot{C} AREA 2 CURVE-7 DATA
 PI STA. = 14+56.34
 Δ = 68° 28' 50" (RT)
 D = 88° 08' 50"
 R = 65.00'
 T = 44.24'
 L = 77.69'
 E = 13.63'
 P.C. STA. = 14+12.10
 P.T. STA. = 14+89.79

EXIST. \dot{C} AREA 2 CURVE-3 DATA
 PI STA. = 3+42.51
 Δ = 18° 56' 34" (LT)
 D = 13° 19' 29"
 R = 430.00'
 T = 71.74'
 L = 142.16'
 E = 5.94'
 P.C. STA. = 2+70.77
 P.T. STA. = 4+12.93

EXIST. \dot{C} AREA 2 CURVE-8 DATA
 PI STA. = 16+10.42
 Δ = 71° 26' 53" (LT)
 D = 76° 23' 40"
 R = 75.00'
 T = 53.94'
 L = 93.53'
 E = 17.38'
 P.C. STA. = 15+56.48
 P.C.C. STA. = 16+50.01

EXIST. \dot{C} AREA 2 CURVE-4 DATA
 PI STA. = 6+00.00
 Δ = 3° 35' 54" (RT)
 D = 2° 10' 58"
 R = 2,625.00'
 T = 82.46'
 L = 164.86'
 E = 1.29'
 P.C. STA. = 5+17.54
 P.T. STA. = 6+82.40

EXIST. \dot{C} AREA 2 CURVE-9 DATA
 PI STA. = 16+99.13
 Δ = 15° 32' 25" (LT)
 D = 15° 54' 56"
 R = 360.00'
 T = 49.12'
 L = 97.64'
 E = 3.34'
 P.C. STA. = 16+50.01
 P.T. STA. = 17+47.65

EXIST. \dot{C} AREA 2 CURVE-5 DATA
 PI STA. = 11+32.99
 Δ = 11° 12' 22" (LT)
 D = 8° 25' 33"
 R = 680.00'
 T = 66.71'
 L = 133.00'
 E = 3.26'
 P.C. STA. = 10+66.28
 P.T. STA. = 11+99.27

EXIST. \dot{C} AREA 2 CURVE-10 DATA
 PI STA. = 19+27.03
 Δ = 29° 26' 20" (RT)
 D = 39° 30' 52"
 R = 145.00'
 T = 38.09'
 L = 74.50'
 E = 4.92'
 P.C. STA. = 18+88.94
 P.T. STA. = 19+63.44

COORDINATE DATA

P.O.T. STA. 0+00.00
 N. : 1648368.875
 E. : 1081682.116

P.C. STA. 13+46.73
 N. : 1649201.053
 E. : 1082648.529

P.C. STA. 0+58.73
 N. : 1648409.874
 E. : 1081724.166

P.I. STA. 13+79.88
 N. : 1649228.747
 E. : 1082666.747

P.I. STA. 0+90.10
 N. : 1648431.773
 E. : 1081746.626

P.C.C. STA. 14+12.10
 N. : 1649246.923
 E. : 1082694.469

P.T. STA. 1+14.76
 N. : 1648421.079
 E. : 1081776.116

P.I. STA. 14+56.34
 N. : 1649271.180
 E. : 1082731.467

P.C. STA. 1+70.33
 N. : 1648402.136
 E. : 1081828.356

P.T. STA. 14+89.79
 N. : 1649245.660
 E. : 1082767.605

P.I. STA. 2+24.01
 N. : 1648383.838
 E. : 1081878.817

P.C. STA. 15+56.48
 N. : 1649207.189
 E. : 1082822.082

P.C.C. STA. 2+70.77
 N. : 1648410.766
 E. : 1081925.251

P.I. STA. 16+10.42
 N. : 1649176.073
 E. : 1082866.143

P.I. STA. 3+42.51
 N. : 1648446.754
 E. : 1081987.308

P.C.C. STA. 16+50.01
 N. : 1649207.945
 E. : 1082909.661

P.T. STA. 4+12.93
 N. : 1648500.939
 E. : 1082034.321

P.I. STA. 16+99.13
 N. : 1649236.970
 E. : 1082949.292

P.C. STA. 5+17.54
 N. : 1648579.950
 E. : 1082102.875

P.T. STA. 17+47.65
 N. : 1649275.552
 E. : 1082979.697

P.I. STA. 6+00.00
 N. : 1648642.232
 E. : 1082156.914

P.C. STA. 18+88.94
 N. : 1649386.520
 E. : 1083067.150

P.T. STA. 6+82.40
 N. : 1648701.000
 E. : 1082214.756

P.I. STA. 19+27.03
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 E. : 1083090.728

P.C. STA. 10+66.28
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 E. : 1082484.031

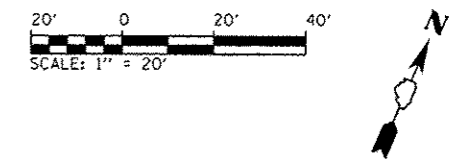
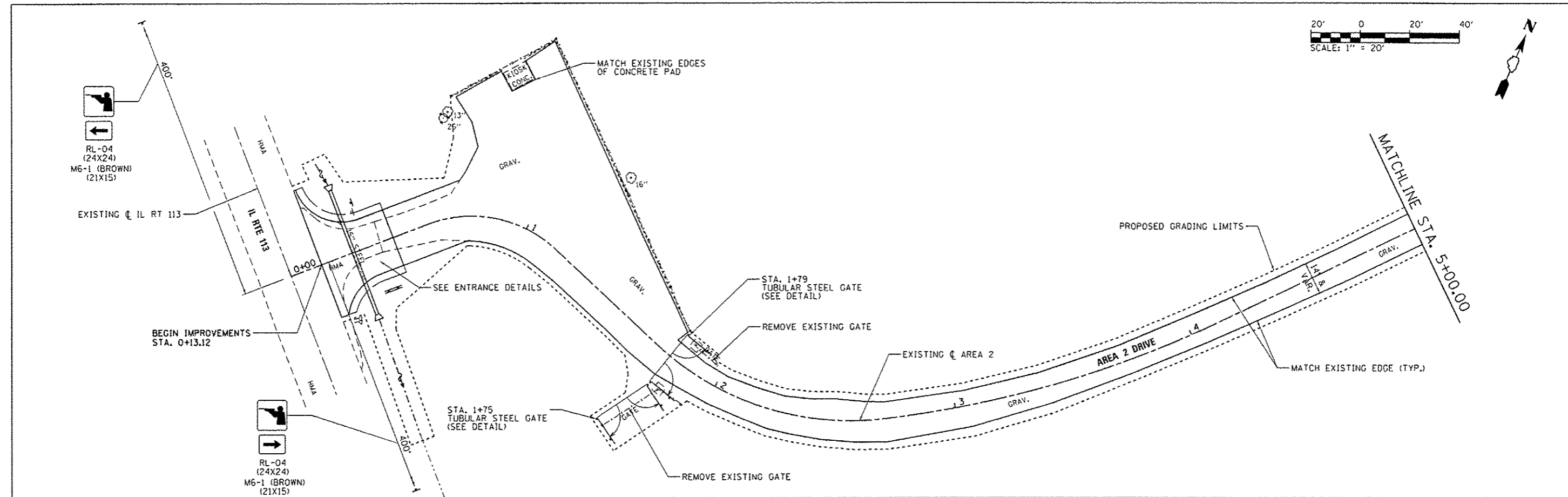
P.T. STA. 19+63.44
 N. : 1649430.906
 E. : 1083125.967

P.I. STA. 11+32.99
 N. : 1649022.132
 E. : 1082530.827

P.O.T. STA. 21+23.18
 N. : 1649491.573
 E. : 1083273.740

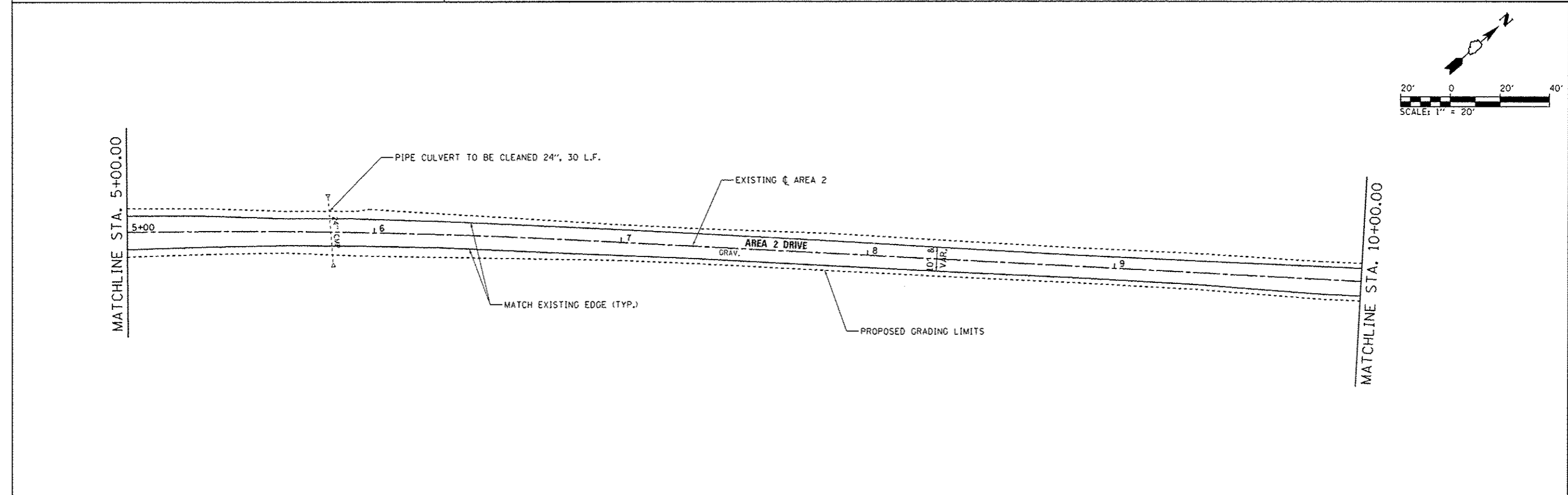
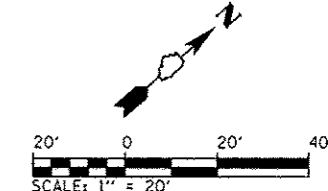
P.T. STA. 11+99.27
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		DRAWN - RAH	REVISED -		SCALE: N.T.S.	SHEET 2 OF 5 SHEETS	STA.			140	95
		CHECKED - BJD	REVISED -				TO STA.	* WILL & KANKAKEE		CONTRACT NO. 46251	
		DATE - 3/29/2013	REVISED -						ILLINOIS FED. AID PROJECT		

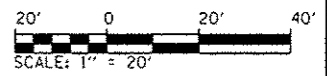
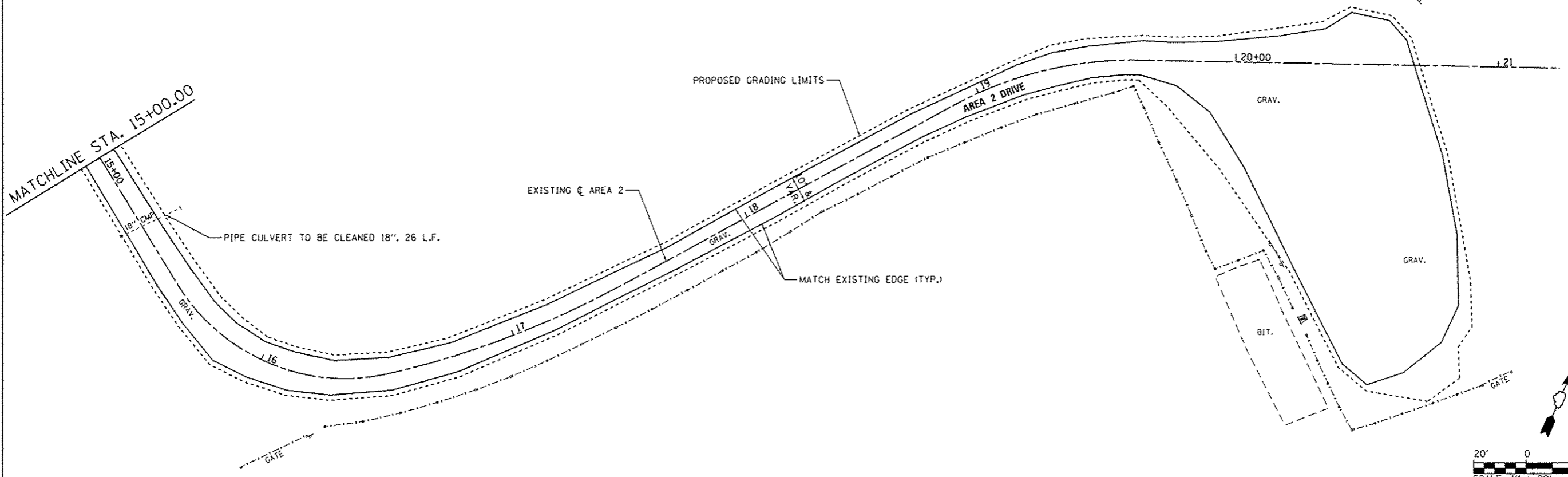
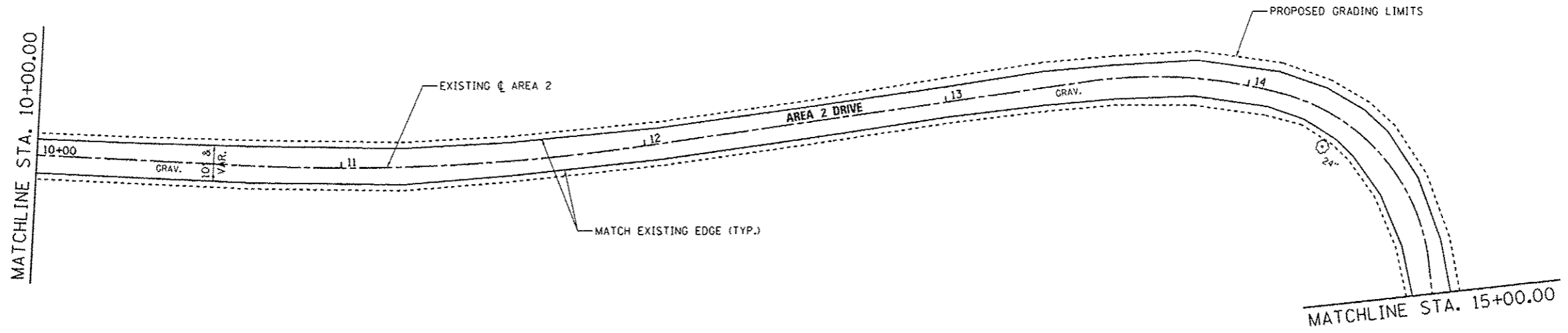
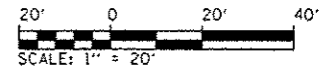


RL-04
(24X24)
M6-1 (BROWN)
(21X15)

RL-04
(24X24)
M6-1 (BROWN)
(21X15)



FILE NAME : L:\1007\1186618\10_15\Draw\CADD_Sheets\10_15\46251-sht-Area2-0035-SitePlan.dgn	USER NAME : Brad Downen	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - AREA 2 KANKAKEE RIVER STATE PARK			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 48,0000' / in.	CHECKED - BJO	REVISED -		SCALE: 1" = 20'	SHEET 3 OF 5 SHEETS	STA. 0+00 TO STA. 10+00	PARK ROADS	*	140	96	
	PLOT DATE = 4/6/2013	DATE - 3/29/2013	REVISED -					* WILL & KANKAKEE		CONTRACT NO. 46251		
								ILLINOIS FED. AID PROJECT				



FILE NAME :	USER NAME :	DESIGNED -	REVISED -
L:\IDOT\1186618\W0.15\Draw\CADD_Sheets\046251-shs-aree2-0045-sitePlan.dgn	Brad Davnen	MJD	
		DRAWN -	REVISED -
		RAH	
		CHECKED -	REVISED -
		BJD	
		DATE -	REVISED -
		3/29/2013	

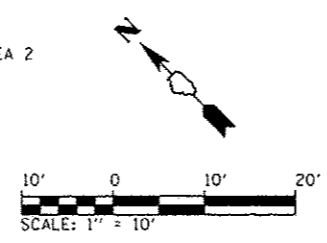
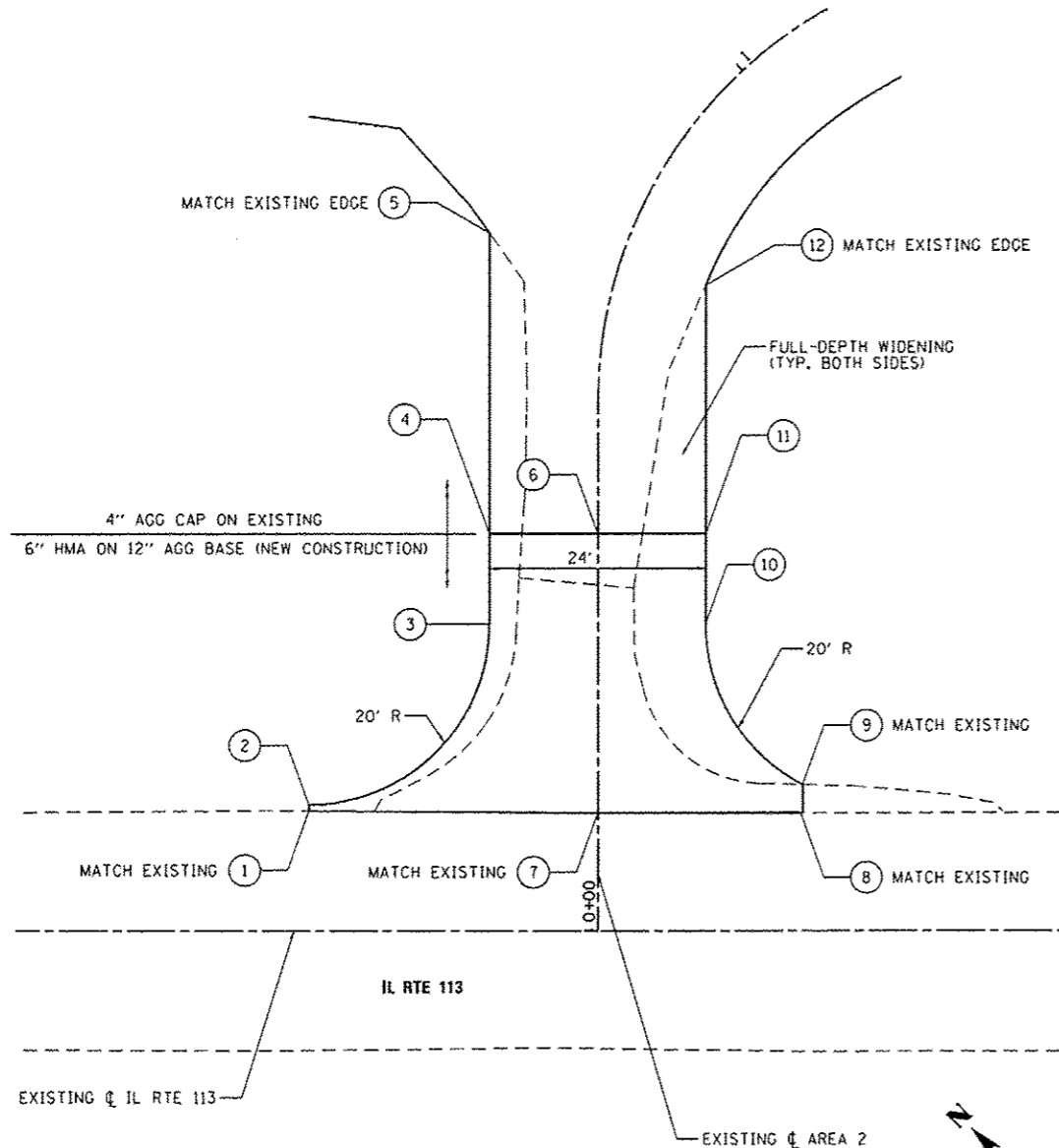
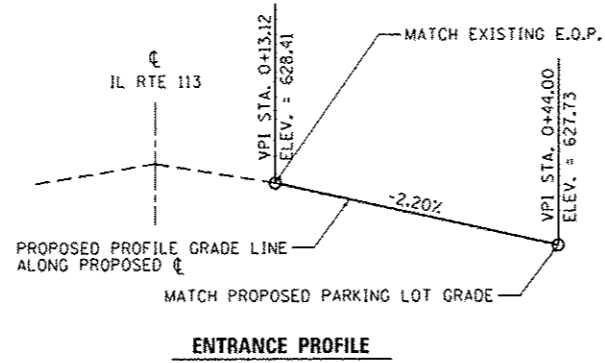
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE PLAN - AREA 2
KANKAKEE RIVER STATE PARK**

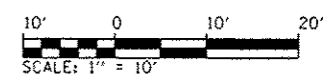
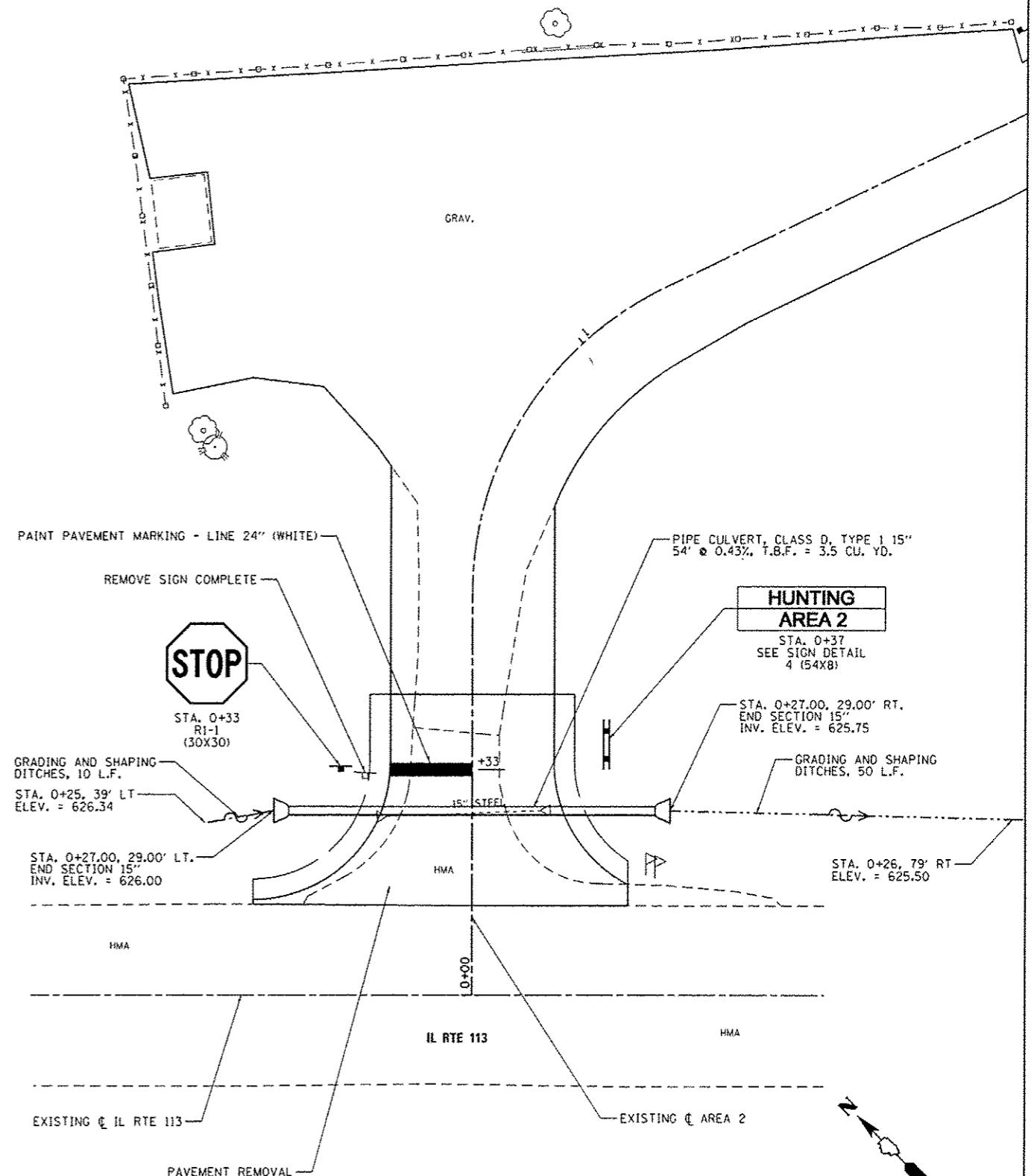
SCALE: 1" = 20' SHEET 4 OF 5 SHEETS STA. 10+00 TO STA. 21+23.18

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	97
* WILL & KANKAKEE			CONTRACT NO. 46251	
ILLINOIS FED. AID PROJECT				

POINT NUMBER	STATION	OFFSET	ELEVATION
1	0+13.30	32.00' LT	628.55
2	0+14.00	32.00' LT	628.53
3	0+34.00	12.00' LT	627.83
4	0+44.00	12.00' LT	627.61
5	0+73.39	14.76' LT	626.03
6	0+44.00	0	627.73
7	0+13.12	0	628.41
8	0+13.08	22.83' RT	628.27
9	0+16.29	22.83' RT	628.08
10	0+34.00	12.00' RT	627.68
11	0+44.00	12.00' RT	627.49
12	0+75.07	9.88' RT	626.18



GRADING & STAKING PLAN

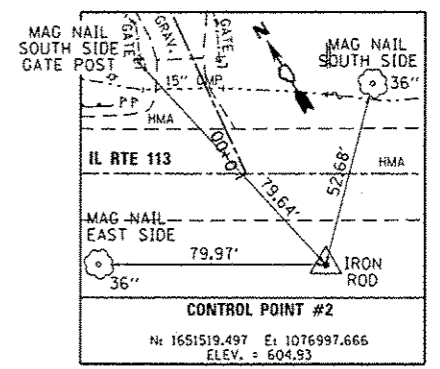
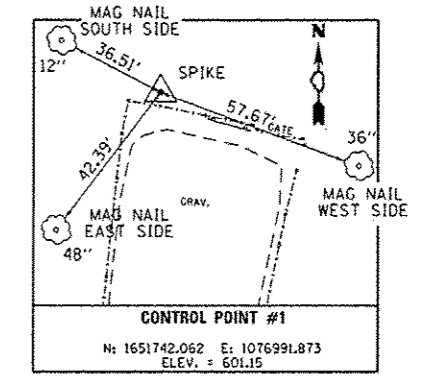
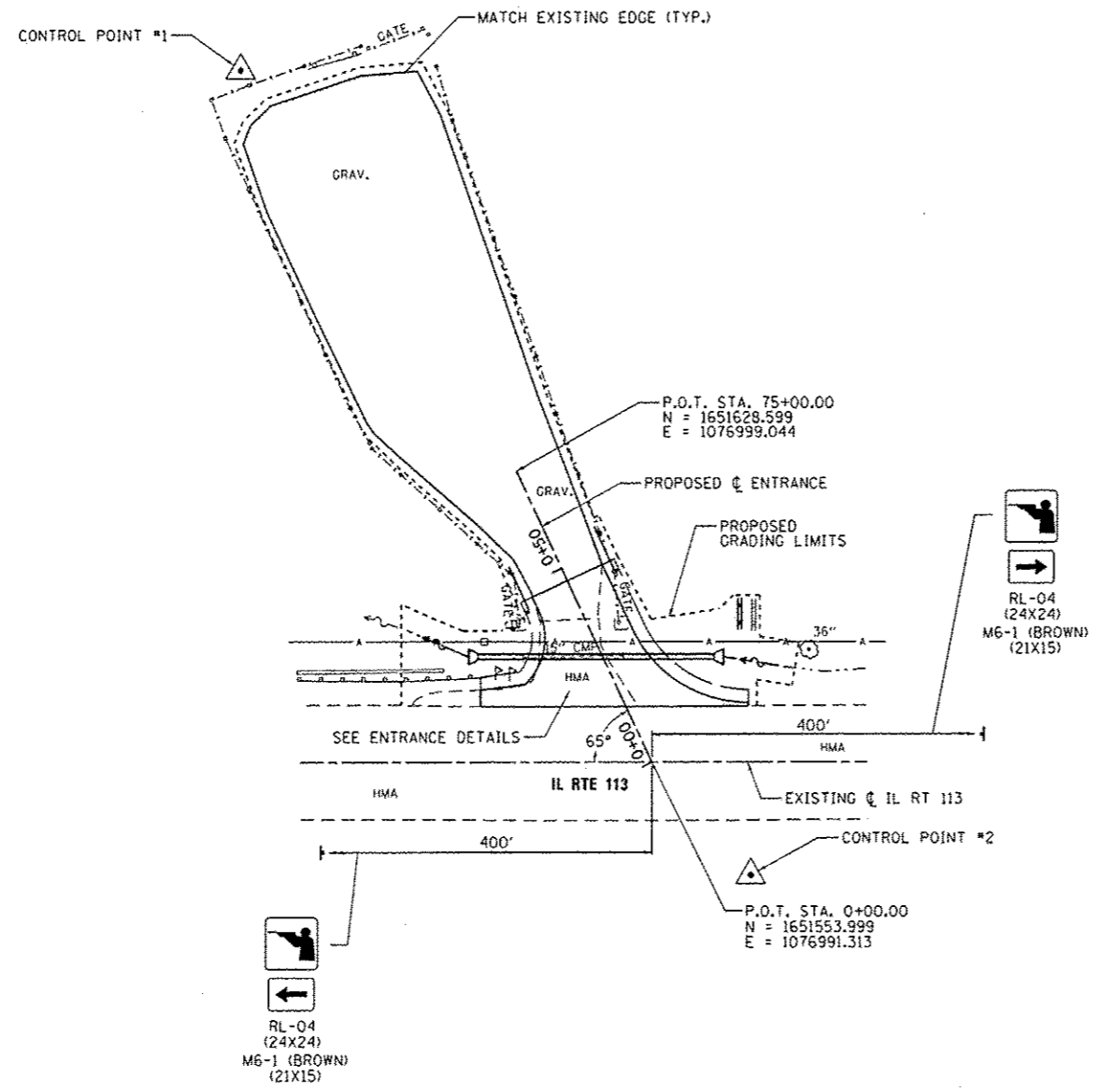
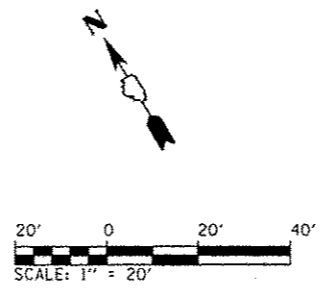


CONSTRUCTION DETAILS

FILE NAME: L:\1007\118661\118661\15\10\CA00\Sheet046251-shs\Area2-005EntranceDetail.dgn	USER NAME: Brad Downen	DESIGNED: MJO	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAILS - AREA 2 KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE: 28.0000' / 1"	CHECKED: BJD	REVISED:		SCALE: 1" = 10'	SHEET 5 OF 5 SHEETS	STA. TO STA.	* WILL & KANKAKEE	CONTRACT NO. 46251	140	98
	PLOT DATE: 4/6/2013	DATE: 3/29/2013	REVISED:						ILLINOIS FED. AID PROJECT		

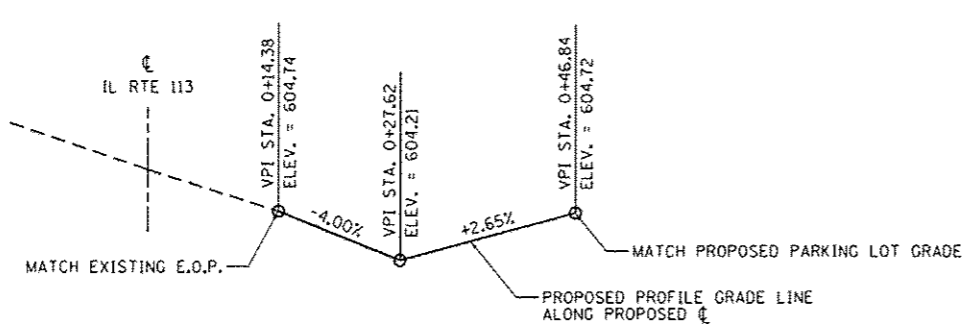
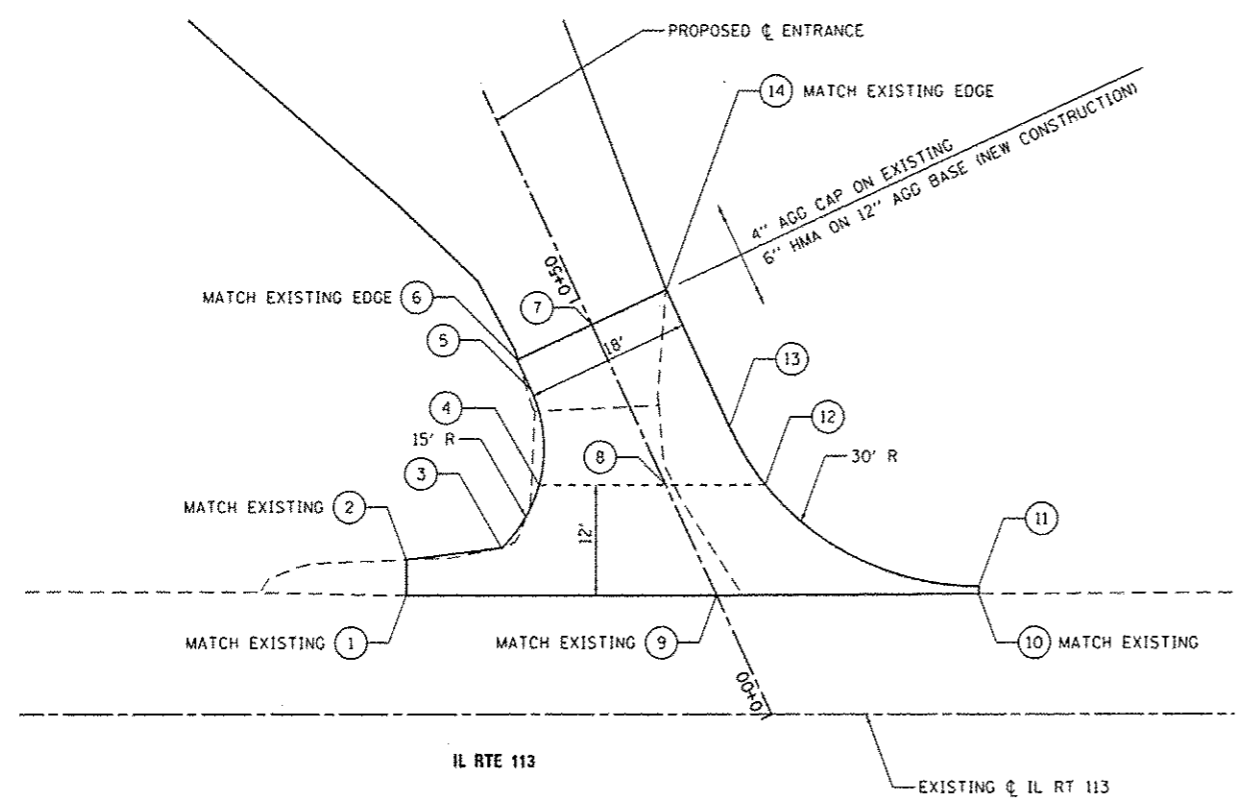
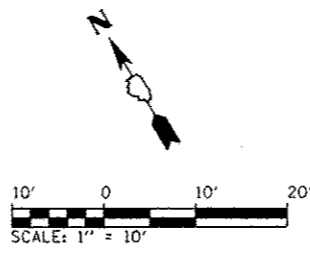
BILL OF MATERIALS - AREA 3

ITEM	UNIT	TOTAL
TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	36
EARTH EXCAVATION	CU YD	36
FURNISHED EXCAVATION	CU YD	12
TRENCH BACKFILL	CU YD	3.4
TOPSOIL FURNISH AND PLACE, 4"	SQ YD	56
GRADING AND SHAPING DITCHES	FOOT	30
AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	103
PREPARATION OF BASE	SQ YD	523
AGGREGATE SURFACE COURSE, TYPE A 4"	SQ YD	567
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	23.4
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	9.6
PAVEMENT REMOVAL	SQ YD	47
AGGREGATE WEDGE SHOULDER, TYPE B	TON	13.2
PIPE CULVERT REMOVAL	FOOT	24
PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	56
END SECTIONS 15"	EACH	2
SIGN PANEL - TYPE 1	SQ FT	19
WOOD SIGN SUPPORT	FOOT	74
PAINT PAVEMENT MARKING - LINE 24"	FOOT	10
REMOVE EXISTING GATE	EACH	1
TUBULAR STEEL GATE	EACH	1
SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	12
REMOVE SIGN COMPLETE	EACH	1
BITUMINOUS MATERIALS (PRIME COAT)	POUND	243

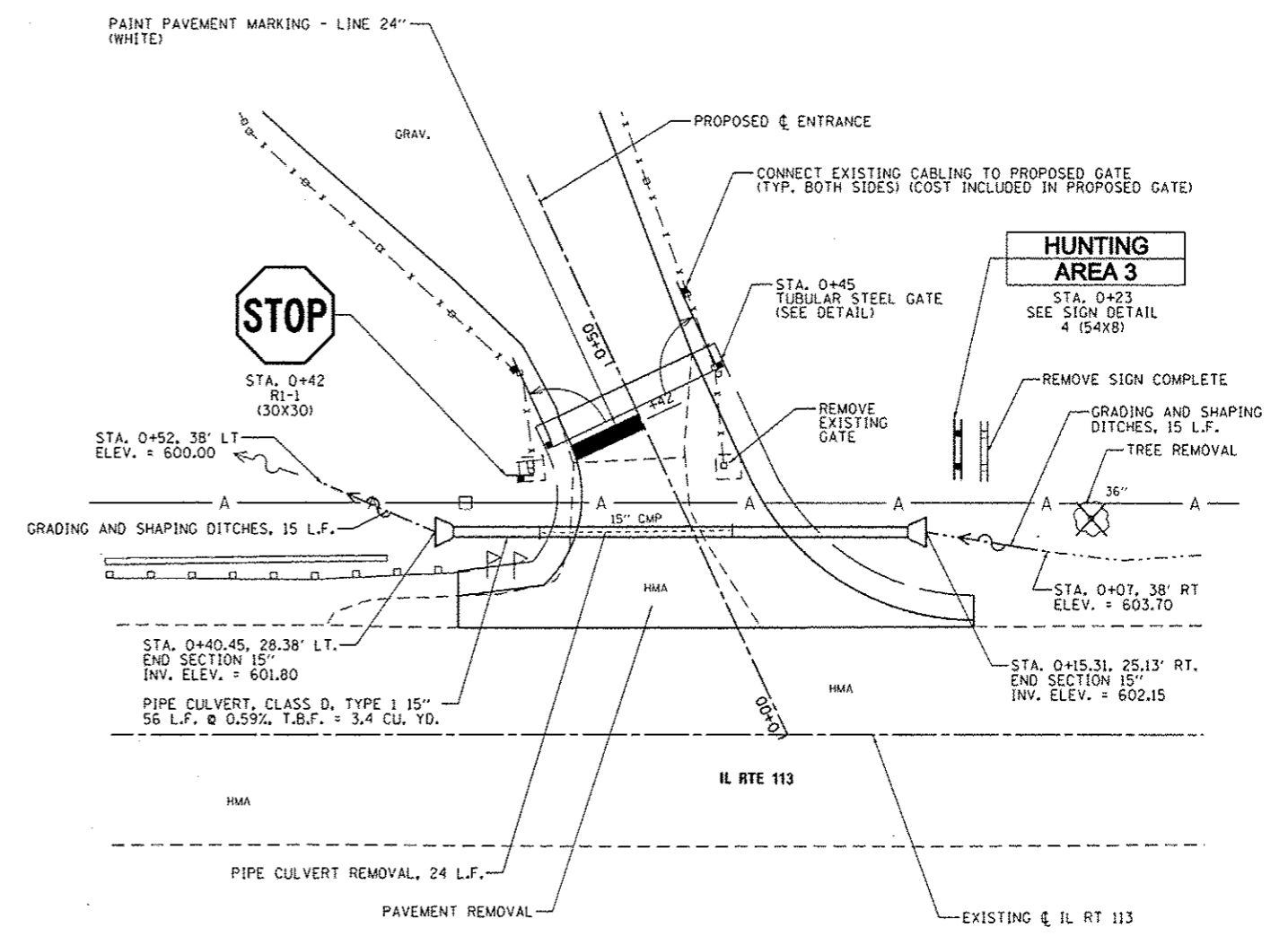
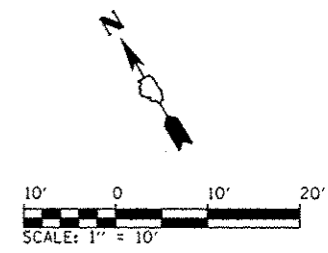


FILE NAME: L:\1001\1106610\W0.15\0-a\CA00_Sheets\046251-shc-Area3-R01SitePlan.dgn	USER NAME: Brad Downen	DESIGNED: MJJ	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - AREA 3 KANKAKEE RIVER STATE PARK		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE: 48.0000' / in.	CHECKED: BJD	REVISED: -		SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS	STA.	TO STA.	WILL & KANKAKEE	140	99
	PLOT DATE: 4/6/2013	DATE: 3/29/2013	REVISED: -						CONTRACT NO. 46251		
									ILLINOIS FED. AID PROJECT		

POINT NUMBER	STATION	OFFSET	ELEVATION
1	0+28.70	30.76' LT	604.46
2	0+32.23	29.11' LT	604.31
3	0+29.00	19.15' LT	604.34
4	0+33.47	12.56' LT	604.10
5	0+43.19	9.00' LT	604.48
6	0+46.84	9.00' LT	604.61
7	0+46.84	0	604.72
8	0+27.62	0	604.21
9	0+14.38	0	604.74
10	0+02.44	25.98' RT	604.80
11	0+03.17	26.32' RT	604.76
12	0+19.85	9.91' RT	604.31
13	0+30.36	9.00' RT	604.47
14	0+46.84	9.00' RT	604.84



ENTRANCE PROFILE **GRADING & STAKING PLAN**



CONSTRUCTION DETAILS

FILE NAME : L:\11001\110608\W0.15\0-CAAD_Sheets\046251-sht-Area3-EntranceDetail.dgn	USER NAME : Brad Danner	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAILS - AREA 3 KANKAKEE RIVER STATE PARK	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Default	Plot Scale = 20.0000' / in.	CHECKED - BJD	REVISED -			WILL & KANKAKEE	PARK ROADS	*	140	100		
	Plot Date = 4/6/2013	DATE - 3/29/2013	REVISED -			CONTRACT NO. 46251						
						ILLINOIS FED. AID PROJECT						
						SCALE: 1" = 10' SHEET 2 OF 2 SHEETS STA. TO STA.						