

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARK ROADS	JASPER	66	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 46255		
P-30-001-12				

INDEX OF SHEETS

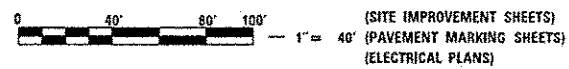
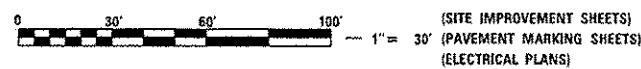
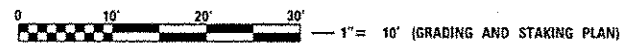
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STATE OF ILLINOIS 06-14-13 LETTING ITEM 239
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 IDOT / IDNR STATEWIDE
NEWTON LAKE STATE FISH AND WILDLIFE AREA
SITE IMPROVEMENTS
SECTION PARK ROADS
 JASPER COUNTY
 IDNR PROJECT NO. 5-13-002
 C-30-008-13



PROJECT DESCRIPTION

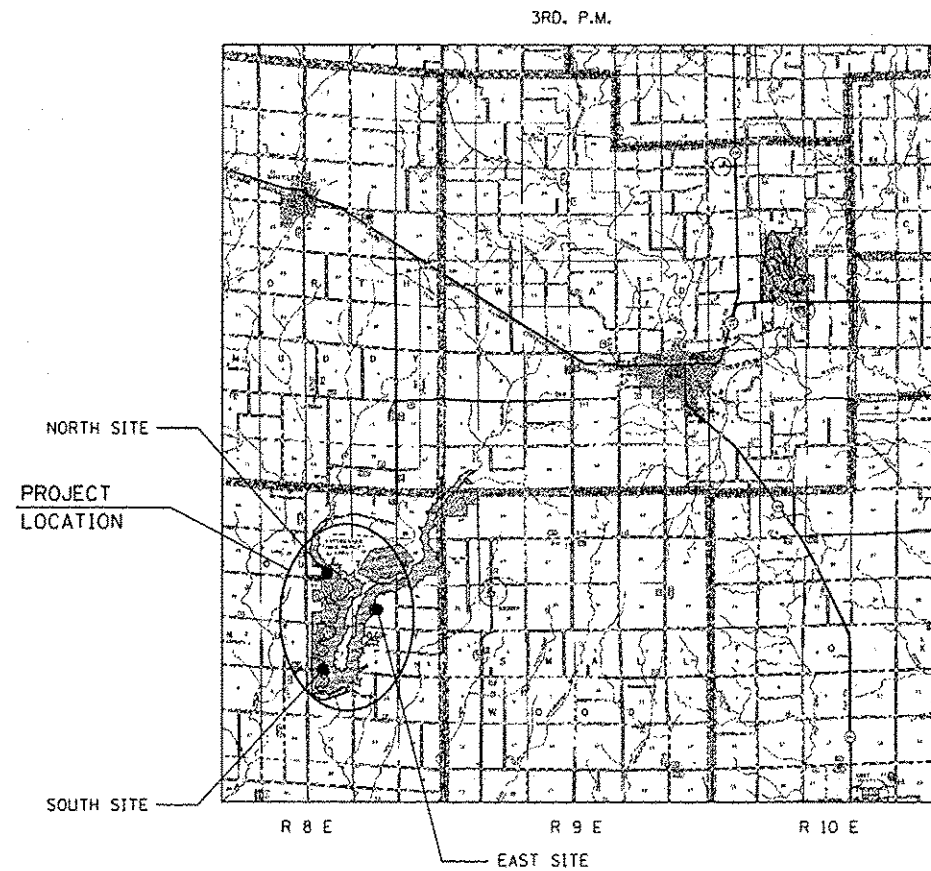
THE PROPOSED PROJECT CONSISTS OF PARKING LOT AND SITE IMPROVEMENTS AT THREE-INDIVIDUAL SITES AT NEWTON LAKE SFWA. THE IMPROVEMENTS CONSIST OF HMA PAVING, BITUMINOUS SURFACE TREATMENTS, ENTRANCE RECONSTRUCTION, WIDENING AND PARKING LOT EXPANSION, PAVEMENT MARKING AND SIGNING.



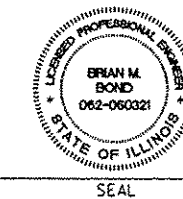
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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. 46255



LOCATION MAP



SIGNATURE: Brian M. Bond
 DATE SIGNED: 3/29/13
 LICENSE EXPIRATION DATE: 11/30/13

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

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

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

May 10 2013
Emet Oslam, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS**



HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
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
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS
BLR 18-5	TRAFFIC CONTROL DEVICES- DAY LABOR MAINTENANCE
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES:

- UNLESS MODIFIED BY THE PROJECT SPECIFICATIONS, ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON JAN. 1, 2012; THE LATEST ADDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JAN. 1, 2013.
- THE LOCATIONS, SIZE, MATERIAL, DESCRIPTION OR TYPE OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE APPROXIMATE LOCATIONS BASED ON IN PART, INFORMATION SUPPLIED BY OTHERS AND IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ARRANGE TO HAVE ALL UTILITIES INCLUDING WATER, GAS, ELECTRIC, STORM SEWER, SANITARY SEWER, TELEPHONE, AND CABLE T.V. LOCATED AND SUITABLY MARKED. SHOULD A UTILITY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED AT ONCE. THE CONTRACTOR SHALL AT MINIMUM CONTACT J.U.L.I.E. AT 1-800-892-0123 FOR UTILITY LOCATING.
- THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PROTECT PUBLIC AND PRIVATE PROPERTY. IF AT ANY TIME, HE/SHE DAMAGES OR DESTROYS PUBLIC OR PRIVATE PROPERTY, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE. PUBLIC ROADWAYS, PRIVATE ENTRANCES AND EMPLOYEE ENTRANCES SHALL REMAIN ACCESSIBLE AND FREE OF CONSTRUCTION DEBRIS. ANY MATERIAL TO BE STAGED OR STOCKPILED SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
- 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.
- THE CONTRACTOR SHALL REMOVE EXISTING MATERIAL BENEATH NEW PAVEMENT AND SIDEWALK PRIOR TO PREPARING SUBGRADE AND FILL TO REQUIRED SUBGRADE ELEVATION WITH SUITABLE COMPACTED SITE EXCAVATED MATERIAL.
- 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.
- 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. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CU. YD. FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL NOTIFY THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES SITE SUPERINTENDENT, TONY HOLTSCHLAG AT (309)256-6945 (CELL) (618) 783-3478 (OFFICE) TONY.HOLTSCHLAG@ILLINOIS.GOV (EMAIL) AT LEAST TWO WEEKS IN ADVANCE OF MOVING EQUIPMENT, MATERIALS, OR WORK FORCES TO THE SITE.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT-MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAW JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT TO BE CONSTRUCTED.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OF NATURAL RESOURCES.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ONE EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- ALL TREES SHALL BE PROTECTED BY THE CONTRACTOR FROM DAMAGE DUE TO HIS/HER OPERATIONS.
- 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 AS SHOWN OR AS DEFINED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTORS'S EXPENSE.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS / CU YD
BITUMINOUS SURFACE TREATMENTS:	
PARKING LOT SEAL COAT	0.15 GAL / 50 YD / COAT
HOT MIX ASPHALT PAVEMENT:	112 LBS/SY/IN
BITUMINOUS MATERIALS:	
PRIME COAT-ON PAVEMENT:	0.08 GAL/SY
PRIME COAT-ON AGGREGATE:	0.35 GAL/SY
PRIME COAT-ON BITUMINOUS:	0.25 GAL/SY
SURF. TREAT.	
- ALL EXISTING SIGN PANELS CALLED OUT FOR REMOVAL SHALL BE RETURNED TO IDNR AND DELIVERED TO A LOCATION ON-SITE AS DESIGNATED BY THE SITE SUPERINTENDENT.

MIXTURE REQUIREMENTS

LOCATION	ENTRANCE DRIVE AND PARKING LOTS			
	MIXTURE USE	LEVELING BINDER	BINDER	SURFACE
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	25	25	15	
DESIGN AIR VOIDS:	4.0% @ Ndesign = 50	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"	

SUMMARY OF QUANTITIES			CONSTRUCTION CODE 0005			
CODE NO.	ITEM DESCRIPTION	UNIT	100% STATE	NORTH SITE	SOUTH SITE	EAST SITE
			TOTAL QUANTITY			
20200100	EARTH EXCAVATION	CU YD	1,433	61	32	1,340
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	207	20	20	167
20800150	TRENCH BACKFILL	CU YD	27	8		19
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	7,519	681		6,838
21101805	COMPOST FURNISH AND PLACE, 2"	SO YD	4,184	4,184		
21400100	GRADING AND SHAPING DITCHES	FOOT	428	340	38	50
25000110	SEEDING, CLASS 1A	ACRE	3.00	1.25	0.25	1.50
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	270	113	23	135
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	270	113	23	135
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	270	113	23	135
25000700	AGRICULTURAL GROUND LIMESTONE	TON	6.0	2.5	0.5	3.0
25100115	MULCH, METHOD 2	ACRE	1.50	1.25	0.25	
25100630	EROSION CONTROL BLANKET	SO YD	6,838			6,838
28000305	TEMPORARY DITCH CHECKS	FOOT	144	24		120

SUMMARY OF QUANTITIES			CONSTRUCTION CODE 0005			
			100% STATE TOTAL QUANTITY	NORTH SITE	SOUTH SITE	EAST SITE
CODE NO.	ITEM DESCRIPTION	UNIT				
28000400	PERIMETER EROSION BARRIER	FOOT	1,575	879	696	
28000500	INLET AND PIPE PROTECTION	EACH	14	6	4	4
28100105	STONE RIPRAP, CLASS A3	SO YD	39	25		14
28200200	FILTER FABRIC	SO YD	306	25		281
35101400	AGGREGATE BASE COURSE, TYPE B	TON	2,109.3	91.3	47.3	1,970.7
35200300	PROCESSING SOIL-CEMENT BASE COURSE 8"	SO YD	6,662			6,662
35200500	CEMENT	100 WT	3,757			3,757
35800100	PREPARATION OF BASE	SO YD	6,662			6,662
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	478.2	478.2		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	6,038	714	102	5,222
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	133.1	133.1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	136	136		
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,776.2	20.5	10.7	1,745.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2,065.1	627.1	95.9	1,342.1

SUMMARY OF QUANTITIES			CONSTRUCTION CODE 0005			
CODE NO.	ITEM DESCRIPTION	UNIT	100% STATE	NORTH SITE	SOUTH SITE	EAST SITE
			TOTAL QUANTITY			
54215547	METAL END SECTIONS 12"	EACH	2			2
54215553	METAL END SECTIONS 18"	EACH	2	2		
60100080	FRENCH DRAINS	CU YD	54		54	
60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SO YD	132		132	
60900515	CONCRETE THRUST BLOCKS	EACH	1	1		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	9	3	3	3
67100100	MOBILIZATION	L SUM	1	0.34	0.33	0.33
* 72000100	SIGN PANEL - TYPE 1	SO FT	183	51	70	62
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	14	5	1	8
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	238	42	112	84
* 73000100	WOOD SIGN SUPPORT	FOOT	279.5	101.5	89.5	88.5
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	143			143
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	13,775	1,978	7,903	3,894
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1		

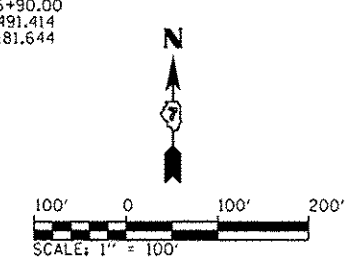
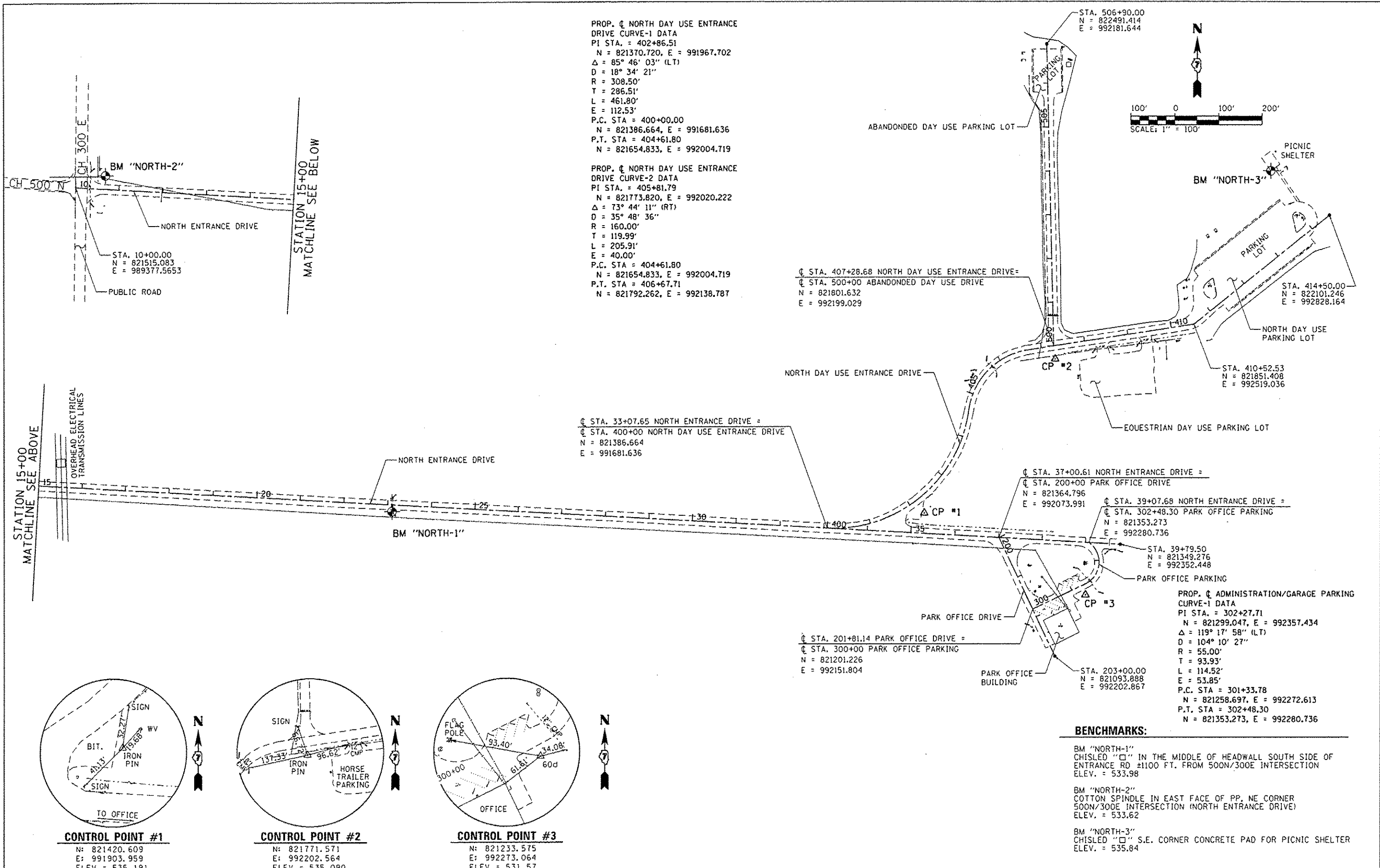
*Specialty Items

FILE NAME :	USER NAME : Brian Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES NEWTON LAKE STATE FISH AND WILDLIFE AREA		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Sheet 4	PLOT SCALE : 100.0000' / 1" =	CHECKED - JMM	REVISED -									
	PLOT DATE : 3/29/2013	DATE - 3/29/2013	REVISED -									
										CONTRACT NO. 46255		
ILLINOIS FED. AID PROJECT												

SUMMARY OF QUANTITIES			CONSTRUCTION CODE 0005			
CODE NO.	ITEM DESCRIPTION	UNIT	100% STATE	NORTH SITE	SOUTH SITE	EAST SITE
			TOTAL QUANTITY			
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	289	135	154	
* 81702110	ELECTRICAL CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,034	441	593	
* 83057012	LIGHT POLE, WOOD, 30 FOOT, CLASS 5	EACH	2	1	1	
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	14	2	4	8
* 89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1	1		
X0300019	REMOVE AND REINSTALL PARKING BLOCKS	EACH	41	24	17	
X0300249	REMOVE EXISTING GATE	EACH	4	3	1	
X0301339	REMOVE EXISTING PARKING BLOCKS	EACH	53	53		
X0323013	TUBULAR STEEL GATE	EACH	3	2	1	
X0323265	REMOVE EXISTING RIPRAP	SO YD	178			178
X0323407	FLAG POLES	EACH	1	1		
* X0324390	FLOOD LIGHTING UNIT	EACH	1		1	
X0324840	DISKING	ACRE	1.00	1.00		
X0325800	PARKING LOT SEAL COAT	SO YD	27,071	8,843	18,228	

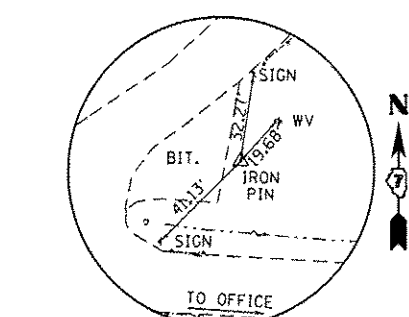
* Specialty Items

SUMMARY OF QUANTITIES			CONSTRUCTION CODE 0005			
			100% STATE TOTAL QUANTITY	NORTH SITE	SOUTH SITE	EAST SITE
CODE NO.	ITEM DESCRIPTION	UNIT				
X0326218	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	13,738	6,378	7,360	
X0326357	ROADWAY LIGHTING MODIFICATIONS	L SUM	1			1
X0326406	INFORMATION KIOSK COMPLETE	EACH	1	1		
X0329905	RELOCATE GATE POSTS AND GATE	EACH	1			1
X4421000	PARTIAL DEPTH PATCHING	TON	62	20	42	
X5420612	PIPE CULVERTS TO BE CLEANED 12"	FOOT	147	69	78	
X5420615	PIPE CULVERTS TO BE CLEANED 15"	FOOT	136		136	
X5420618	PIPE CULVERTS TO BE CLEANED 18"	FOOT	33	33		
X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	157	99		58
X5420636	PIPE CULVERTS TO BE CLEANED 36"	FOOT	78			78
X5610012	CAP EXISTING WATER MAIN	EACH	1	1		
X6350120	DELINEATOR REMOVAL	EACH	9			9
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.34	0.33	0.33
Z0004002	BOLLARDS	EACH	222	23	131	68

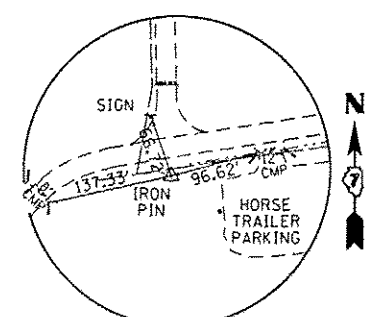


STATION 15+00
MATCHLINE SEE ABOVE

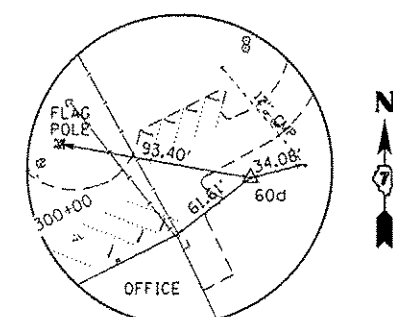
STATION 15+00
MATCHLINE SEE BELOW



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 E = 991903.959
 ELEV. = 535.191



CONTROL POINT #2
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 E = 992202.564
 ELEV. = 535.090



CONTROL POINT #3
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 E = 992273.064
 ELEV. = 531.57

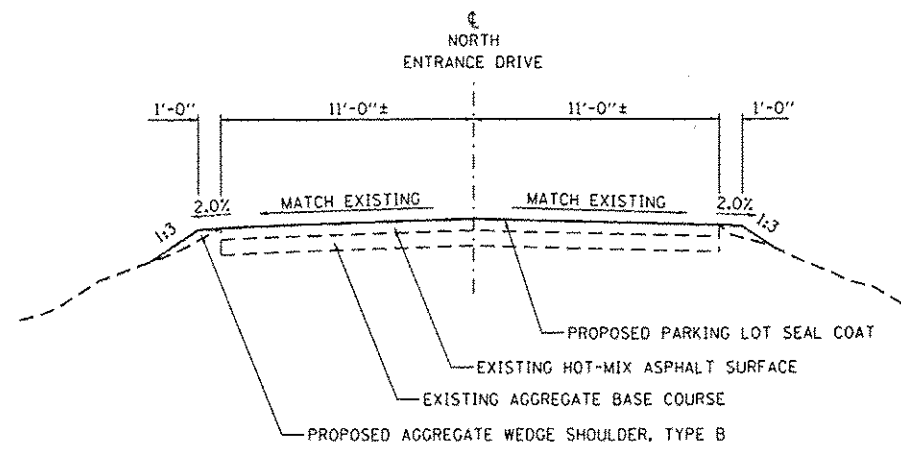
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		DRAWN - RAH	REVISED -
		CHECKED - JMM	REVISED -
		DATE - 3/29/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE PLAN - NORTH DAY USE AREA
NEWTON LAKE STATE FISH AND WILDLIFE AREA**

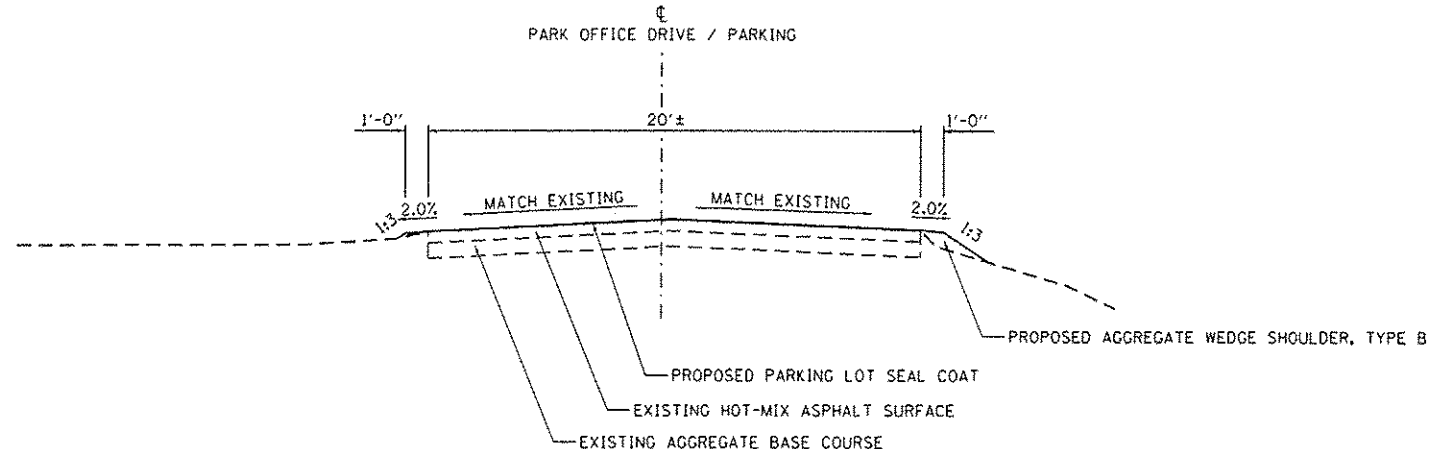
SCALE: AS NOTED SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	11
			CONTRACT NO. 46255	
ILLINOIS FED. AID PROJECT				



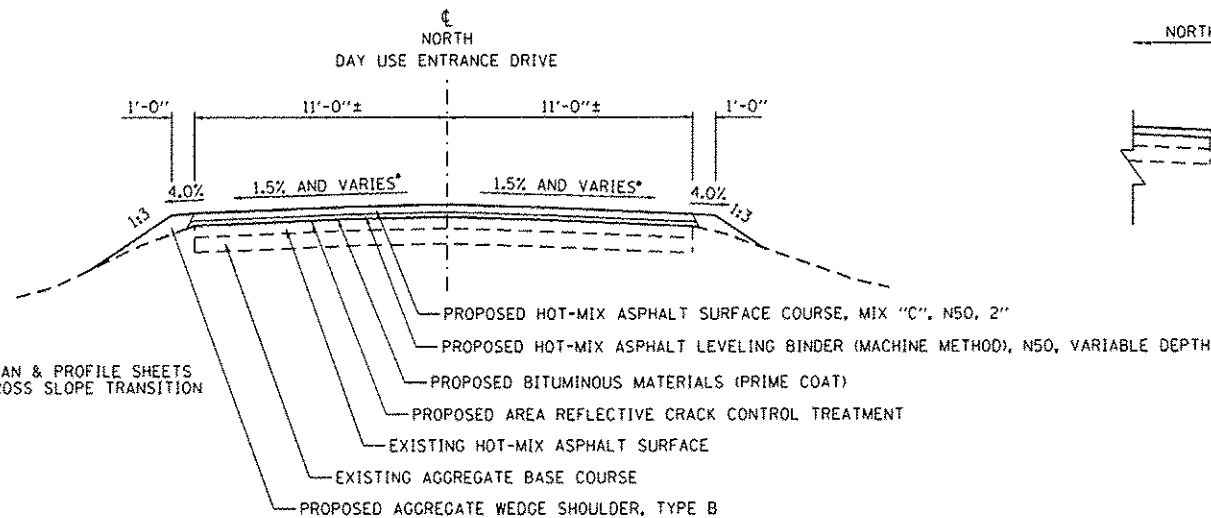
NORTH ENTRANCE DRIVE

STA. 10+27.48 TO STA. 39+54.30



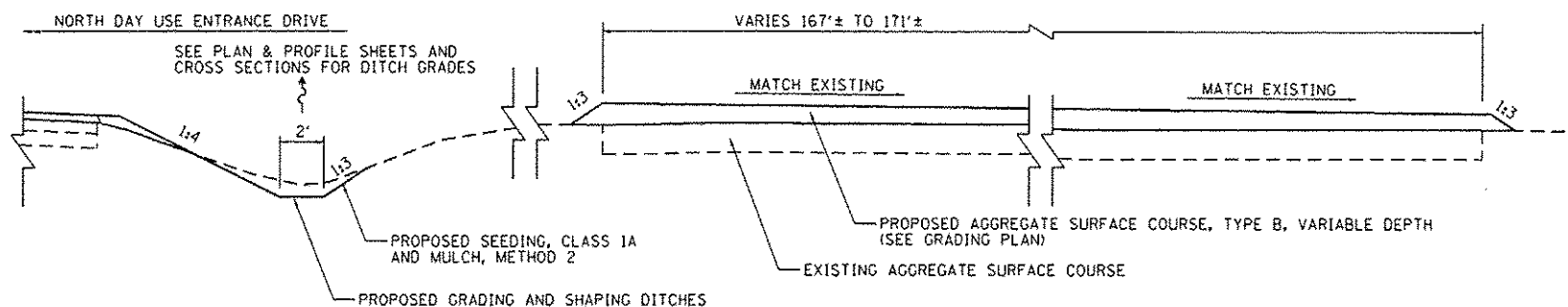
PARK OFFICE DRIVE / PARKING

STA. 200+00.00 TO STA. 202+74.64 (PARK OFFICE DRIVE)
STA. 300+00.00 TO STA. 302+48.30 (PARK OFFICE PARKING)



NORTH DAY USE ENTRANCE DRIVE

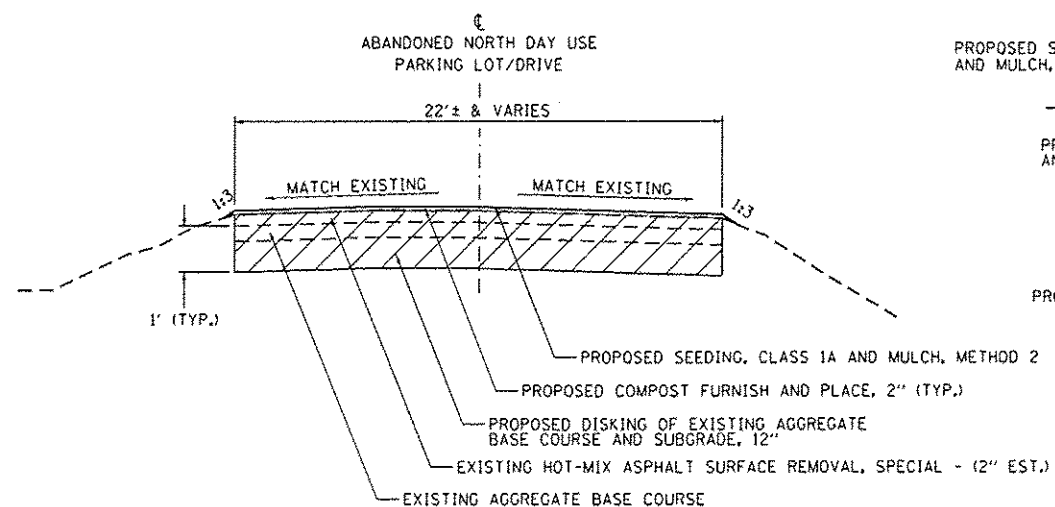
STA. 400+00.00 TO STA. 410+75.00



EQUESTRIAN DAY USE PARKING LOT

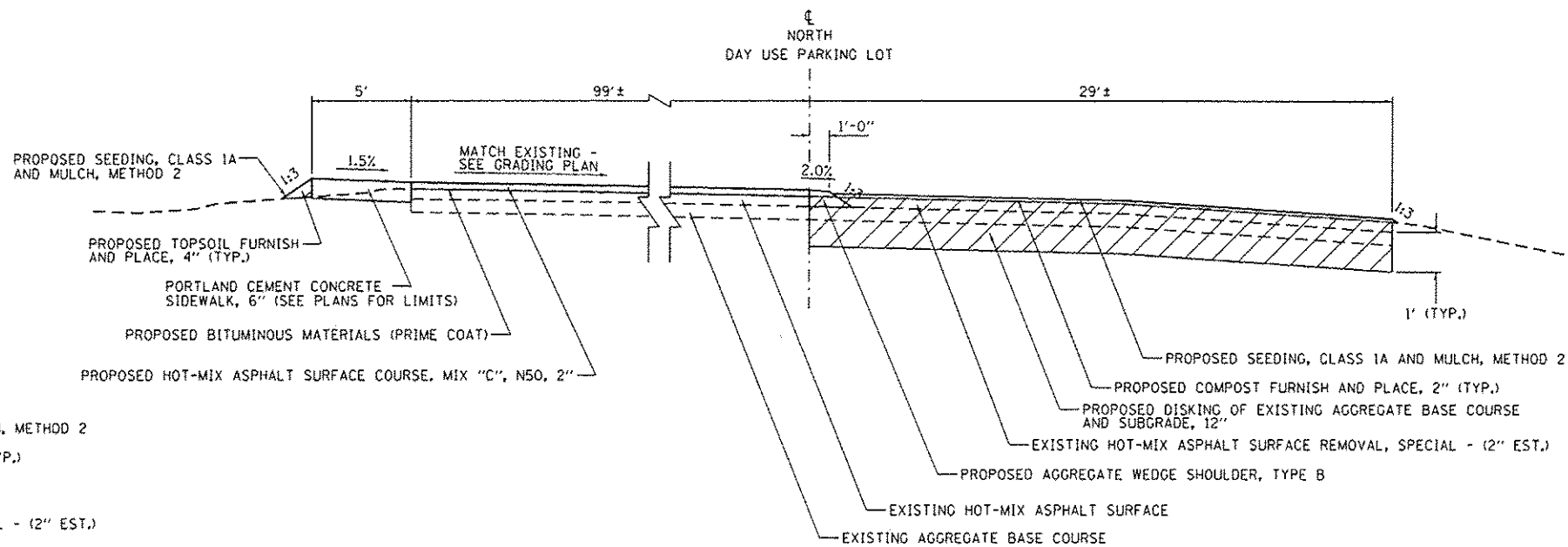
ALONG NORTH DAY USE ENTRANCE DRIVE
STA. 407+74.78 TO STA. 409+52.27

*SEE PLAN & PROFILE SHEETS FOR CROSS SLOPE TRANSITION



ABANDONED DAY USE DRIVE & PARKING LOT

STA. 500+11.09 TO STA. 506+78.06



NORTH DAY USE PARKING LOT

STA. 410+75.00 TO STA. 414+30.27

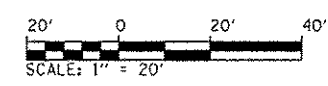
FILE NAME : L:\1007\118661\W0.13\0-a\1C400.Sheets\46255.Typical Section - North.dgn	USER NAME : Brian Bond	DESIGNED - BMB	REVISED -
		DRAWN - RAH	REVISED -
		CHECKED - JMM	REVISED -
		DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS - NORTH DAY USE AREA
NEWTON LAKE STATE FISH AND WILDLIFE AREA

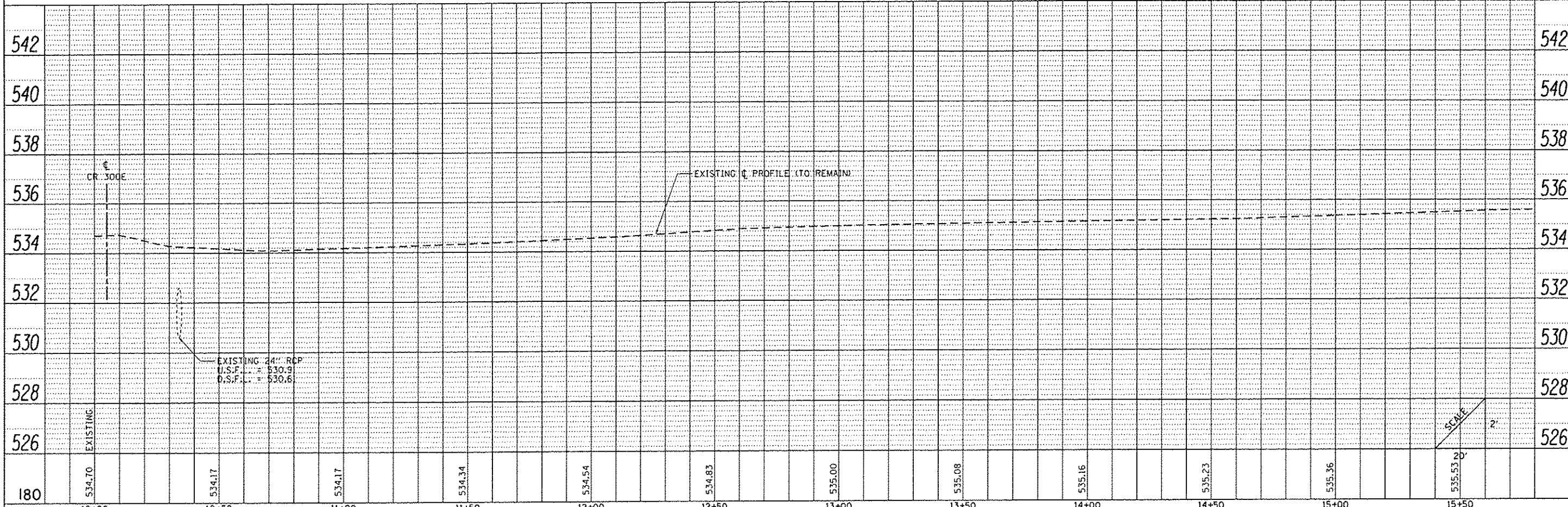
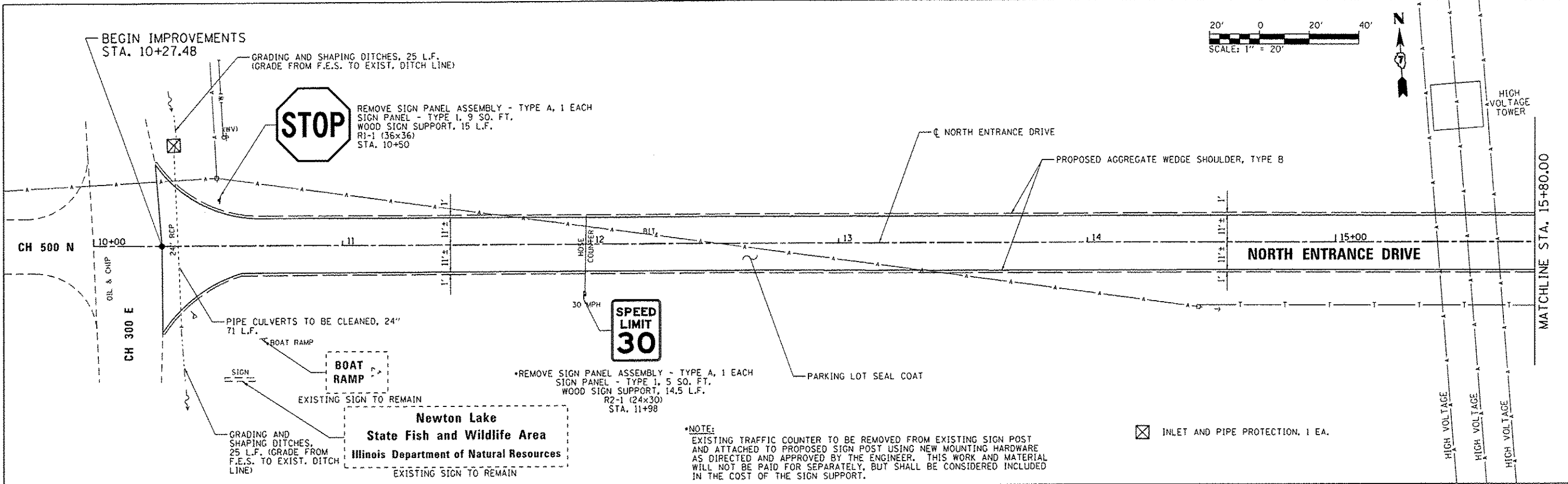
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	12
CONTRACT NO. 46255				
ILLINOIS FED. AID PROJECT				

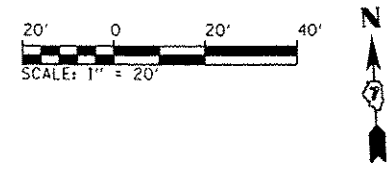


PLAN	DATE
DESIGNED	BY
CHECKED	BY
DATE	
NOTE BOOK	
NO.	

PROFILE	DATE
DESIGNED	BY
CHECKED	BY
DATE	
NOTE BOOK	
NO.	

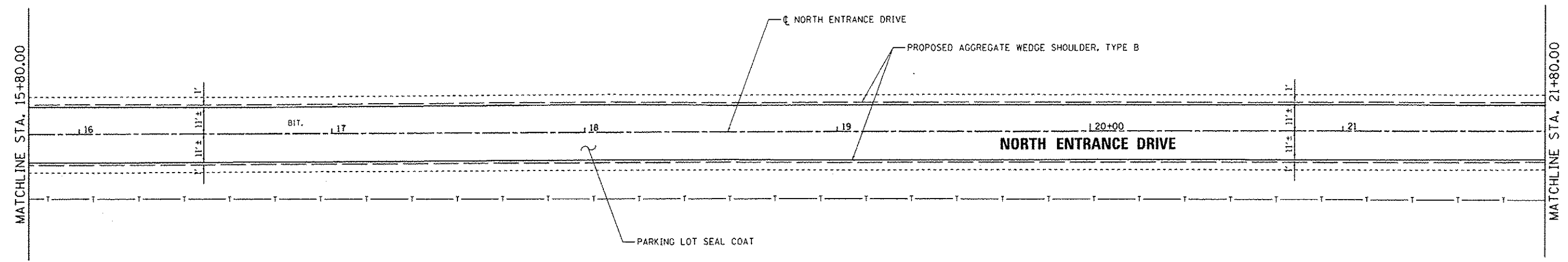


FILE NAME :	USER NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH ENTRANCE DRIVE - PLAN AND PROFILE SHEET NEWTON LAKE STATE FISH AND WILDLIFE AREA	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1001\1186618\W0.13\Dr-ar\CA00.Sheets\07	255_Php North-1 810.dgn	DRAWN -	REVISED -			N/A	PARKS ROADS	JASPER	66	13
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 46255				
	PLOT DATE = 3/29/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

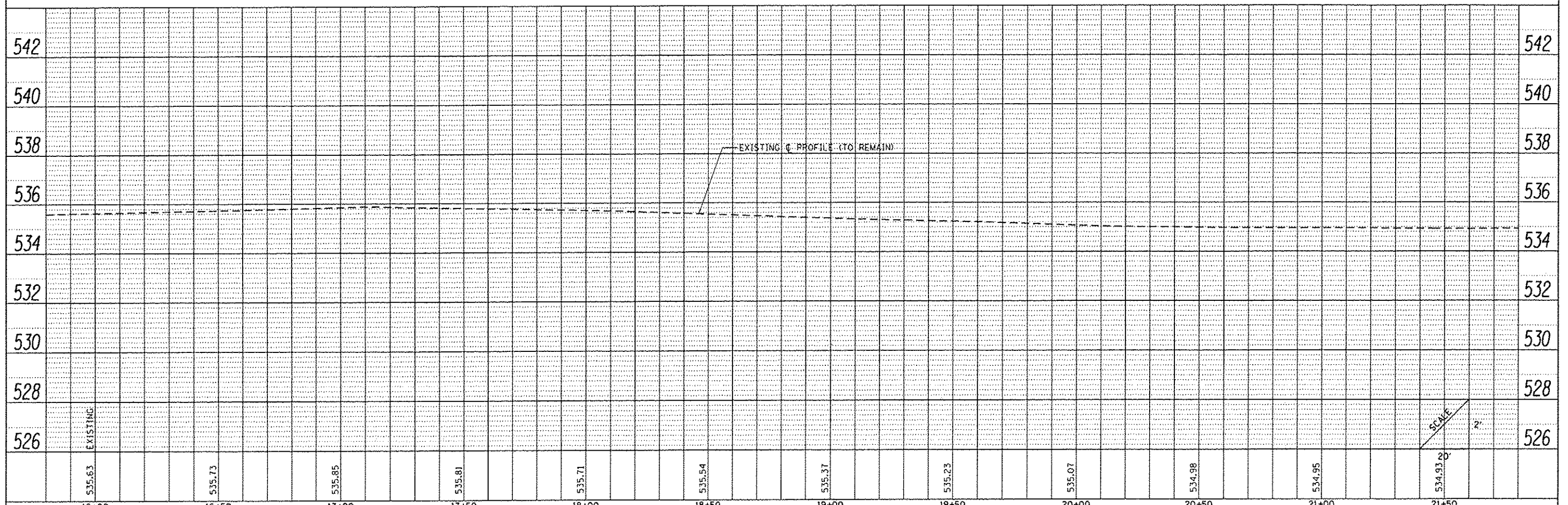


DATE	
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APPROVED	
IN CHARGE	
DATE CHECKED	
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NOTE BOOK NO.	
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IN CHARGE	
DATE CHECKED	
BY	
NOTE BOOK NO.	
FILE NAME	



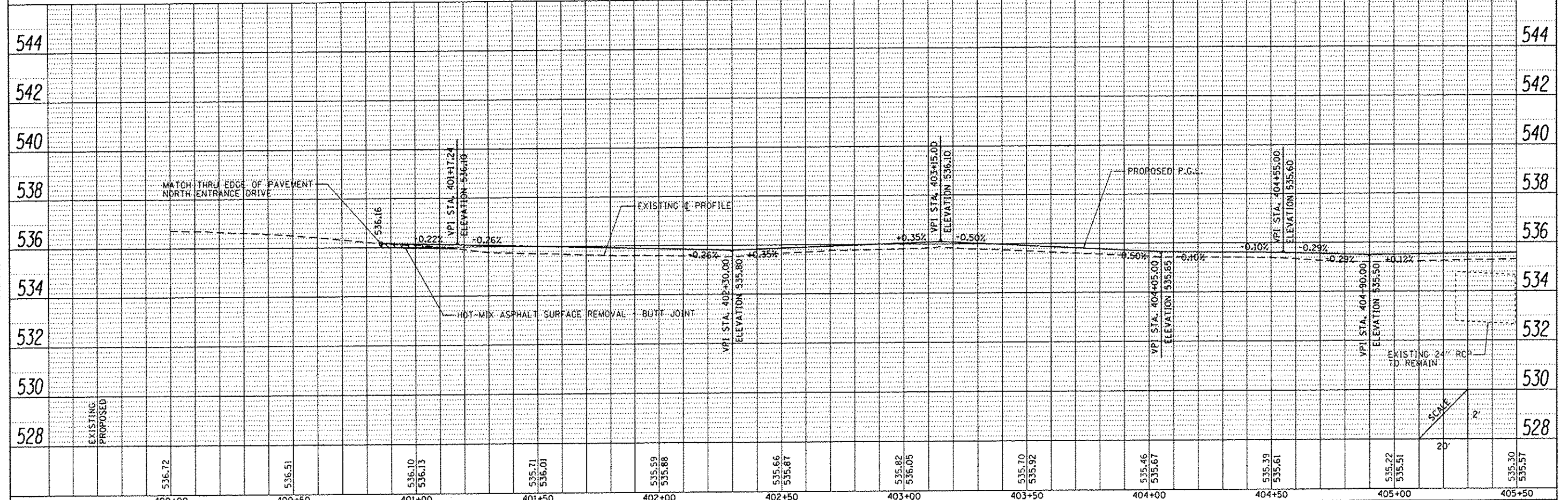
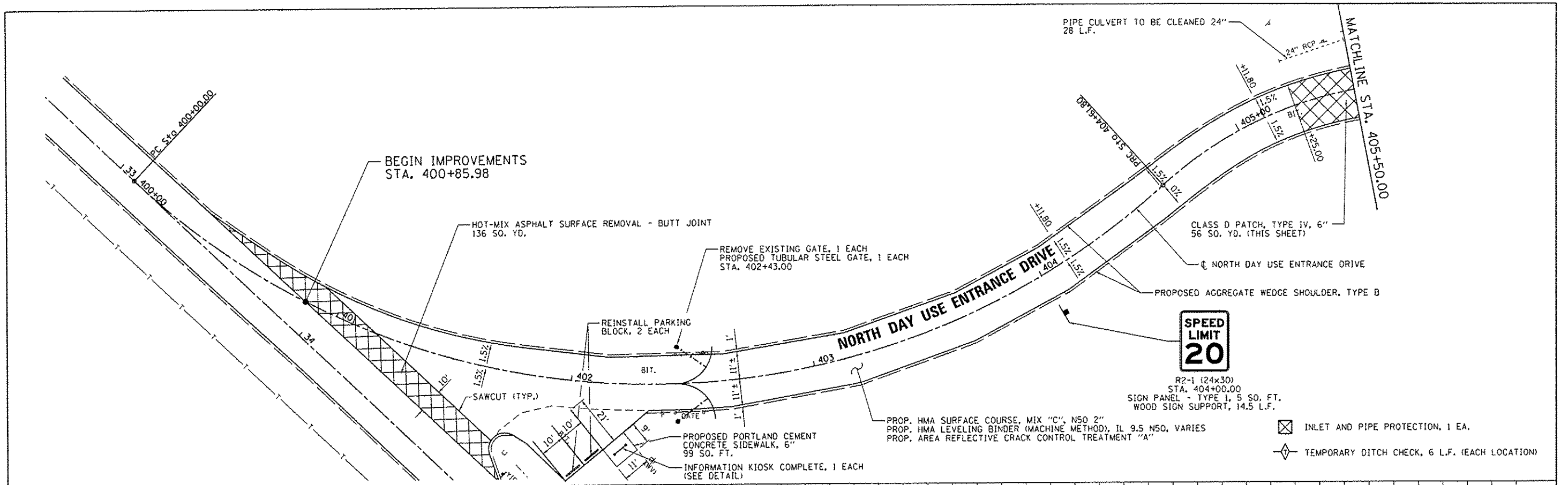
INLET AND PIPE PROTECTION, 1 EA.



FILE NAME : L:\1001\1186618\WD_13\0-a\1\CA00_9\sheet107	USER NAME : Brien Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH ENTRANCE DRIVE - PLAN AND PROFILE SHEET NEWTON LAKE STATE FISH AND WILDLIFE AREA	SCALE: 1"=20'	SHEET OF SHEETS	STA. 15+80 TO STA. 21+80	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN - RAH	REVISED -						N/A	PARKS ROADS	JASPER	66	14
	PLOT DATE = 3/29/2013	CHECKED - JMM	REVISED -						CONTRACT NO. 46255				
		DATE - 3/29/2013	REVISED -						ILLINOIS FED. AID PROJECT				

PLAN	REVISION	DATE
NO.		
1		
2		
3		
4		
5		
6		
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8		
9		
10		

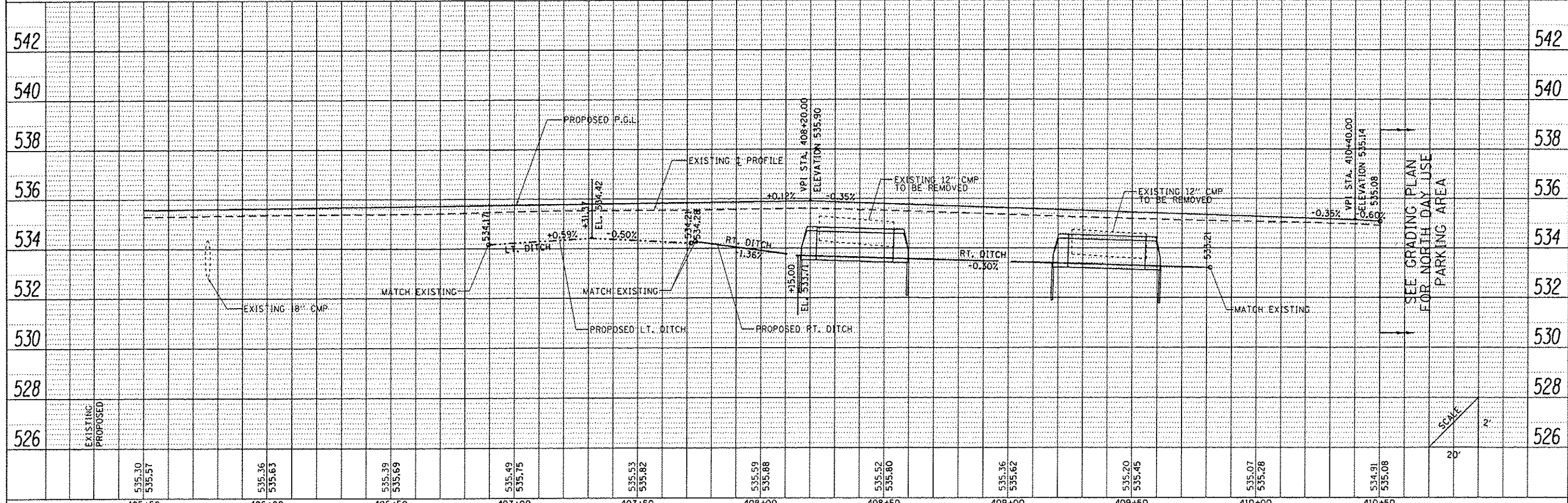
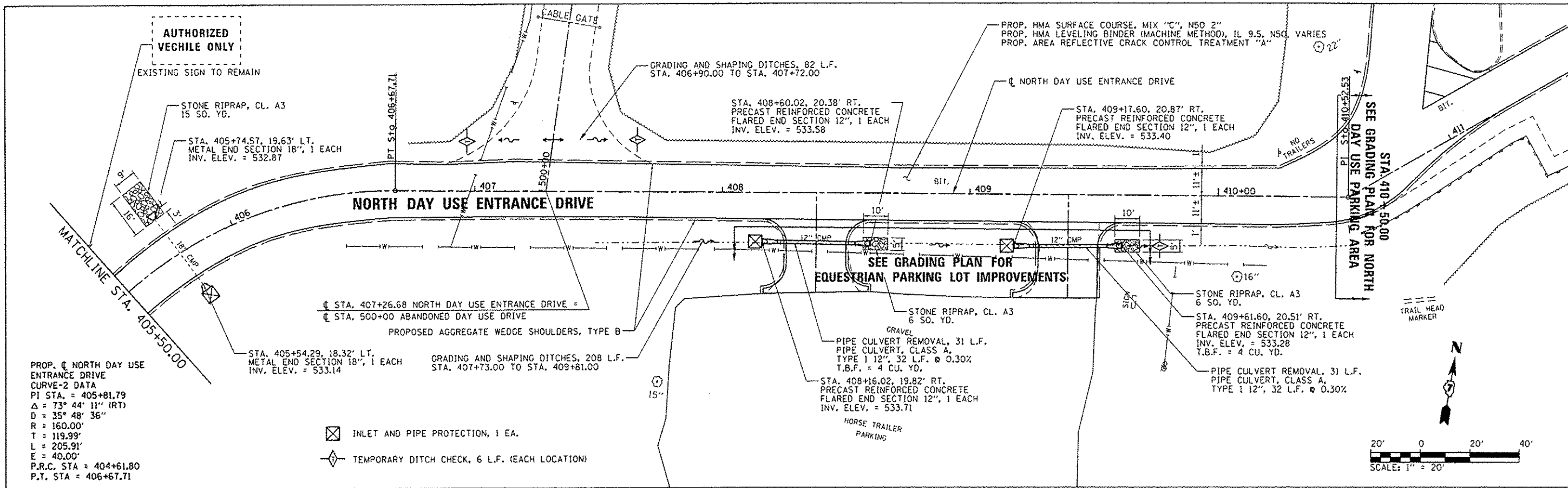
PROFILE	REVISION	DATE
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1		
2		
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9		
10		



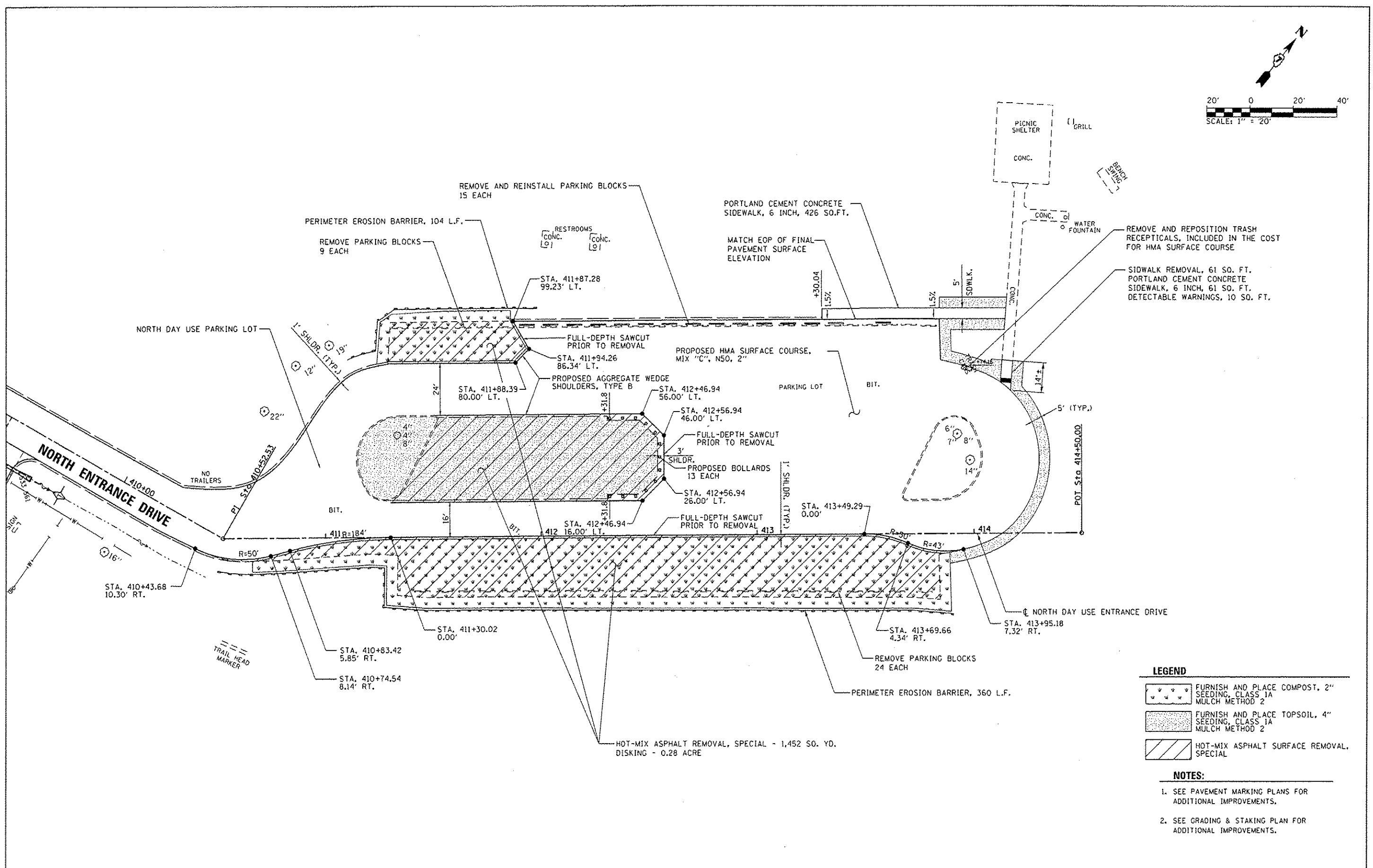
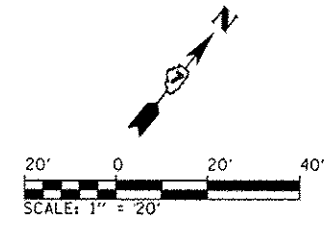
FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		NORTH DAY USE ENTRANCE DRIVE - PLAN AND PROFILE SHEET NEWTON LAKE STATE FISH AND WILDLIFE AREA		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1001\1126618\W0.13\0-a\1\CAD00_Sheets\07-4235_PWP_North-4_015.dgn	Brian Bond	RAH				SCALE: 1"=20'		N/A	PARKS ROADS	JASPER	66	18
Default	PLOT SCALE	CHECKED	REVISED			SHEET OF SHEETS STA. 400+00 TO STA. 405+50		CONTRACT NO. 46255				
	48.0000 1/8"	JMM						ILLINOIS FED. AID PROJECT				
	3/29/2013	3/29/2013										

DATE	
BY	
PROJECT	
PLANT	
NOTE BOOK	
NO.	
DATE	
BY	
PROJECT	
PLANT	
NOTE BOOK	
NO.	

DATE	
BY	
PROJECT	
PROFILE	
NOTE BOOK	
NO.	
DATE	
BY	
PROJECT	
PROFILE	
NOTE BOOK	
NO.	



FILE NAME	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH DAY USE ENTRANCE DRIVE - PLAN AND PROFILE SHEET NEWTON LAKE STATE FISH AND WILDLIFE AREA		F.A. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	6295_PMP North-4 016.dgn	DRAWN - RAH	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 40.0000' / in.	CHECKED - JMM	REVISED -									
	PLOT DATE = 3/29/2013	DATE - 3/29/2013	REVISED -									

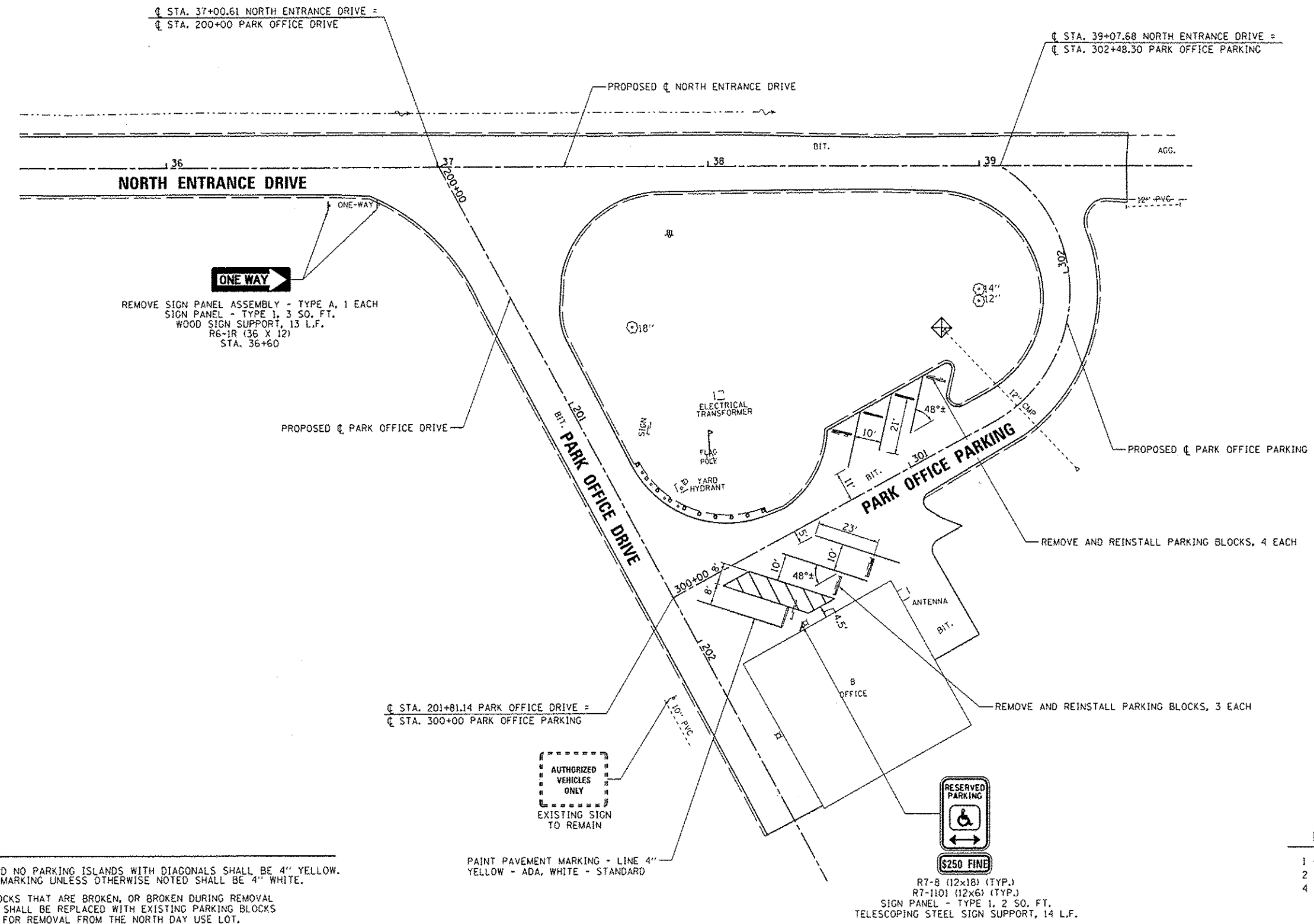
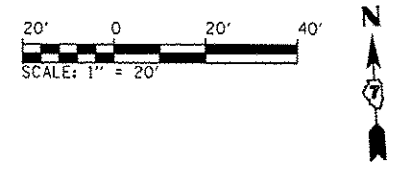


LEGEND

	FURNISH AND PLACE COMPOST, 2" SEEDING, CLASS 1A MULCH METHOD 2
	FURNISH AND PLACE TOPSOIL, 4" SEEDING, CLASS 1A MULCH METHOD 2
	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

- NOTES:**
1. SEE PAVEMENT MARKING PLANS FOR ADDITIONAL IMPROVEMENTS.
 2. SEE GRADING & STAKING PLAN FOR ADDITIONAL IMPROVEMENTS.

FILE NAME L:\1001\1186618\WD.13\Draw\CAD\00.Sheets\46255.Site Improvement Plan - North Day Use	USER NAME Brien Bond	DESIGNED BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE IMPROVEMENTS - NORTH DAY USE PARKING AREA NEWTON LAKE STATE FISH AND WILDLIFE AREA				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	46255.Site Improvement Plan - North Day Use	DRAWN RAH	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	JASPER	66	23
	PLOT SCALE = 48,0000 / 1 in.	CHECKED JMM	REVISED -		CONTRACT NO. 46255								
	PLOT DATE 3/29/2013	DATE 3/29/2013	REVISED -		ILLINOIS FED. AID PROJECT								



- NOTES:**
- ALL ADA AND NO PARKING ISLANDS WITH DIAGONALS SHALL BE 4" YELLOW. ALL OTHER MARKING UNLESS OTHERWISE NOTED SHALL BE 4" WHITE.
 - PARKING BLOCKS THAT ARE BROKEN, OR BROKEN DURING REMOVAL OPERATIONS SHALL BE REPLACED WITH EXISTING PARKING BLOCKS DESIGNATED FOR REMOVAL FROM THE NORTH DAY USE LOT.

FILE NAME :	USER NAME : Brian Bond	DESIGNED - BMB	REVISED -
L:\11001\1186618\NO.13\Draw\CADD_Sheets\46255.PVI MKK Plan - North Park Office.dgn		DRAWN - RAH	REVISED -
Default	PLOT SCALE = 48.0000' / 1" =	CHECKED - JMM	REVISED -
	PLOT DATE = 3/29/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

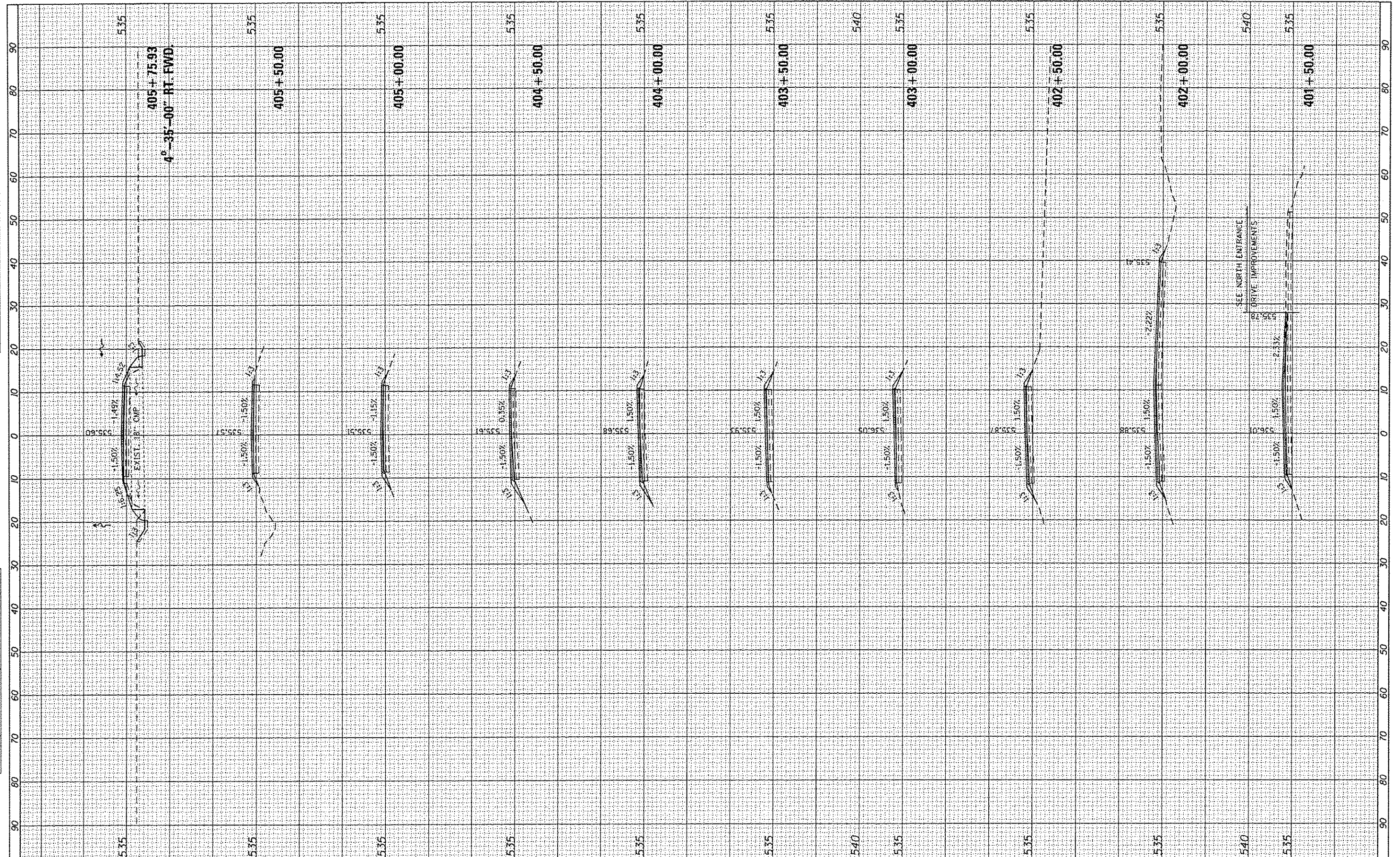
PAVEMENT MARKING & SIGNING PLAN - PARK OFFICE PARKING AREA
NEWTON LAKE STATE FISH AND WILDLIFE AREA

SCALE: 1"=20' SHEET OF SHEETS STA. 200+00 TO STA. 302+48.30

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	26
CONTRACT NO. 46255			ILLINOIS FED. AID PROJECT	

FINI	DATE
SURVEY	
NOTE BOOK	
AREAS CHECKED	

BY	DATE



FILE NAME: L:\100T\1106610\NO.13\Draw\CADD_Sheets\0746255

USER NAME: Brian Bond
 VSC: Nor-Udign
 PLOT SCALE: 20,0000 / in.
 PLOT DATE: 3/29/2013

DESIGNED - BMB
 DRAWN - BMB
 CHECKED - JMM
 DATE - 3/29/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

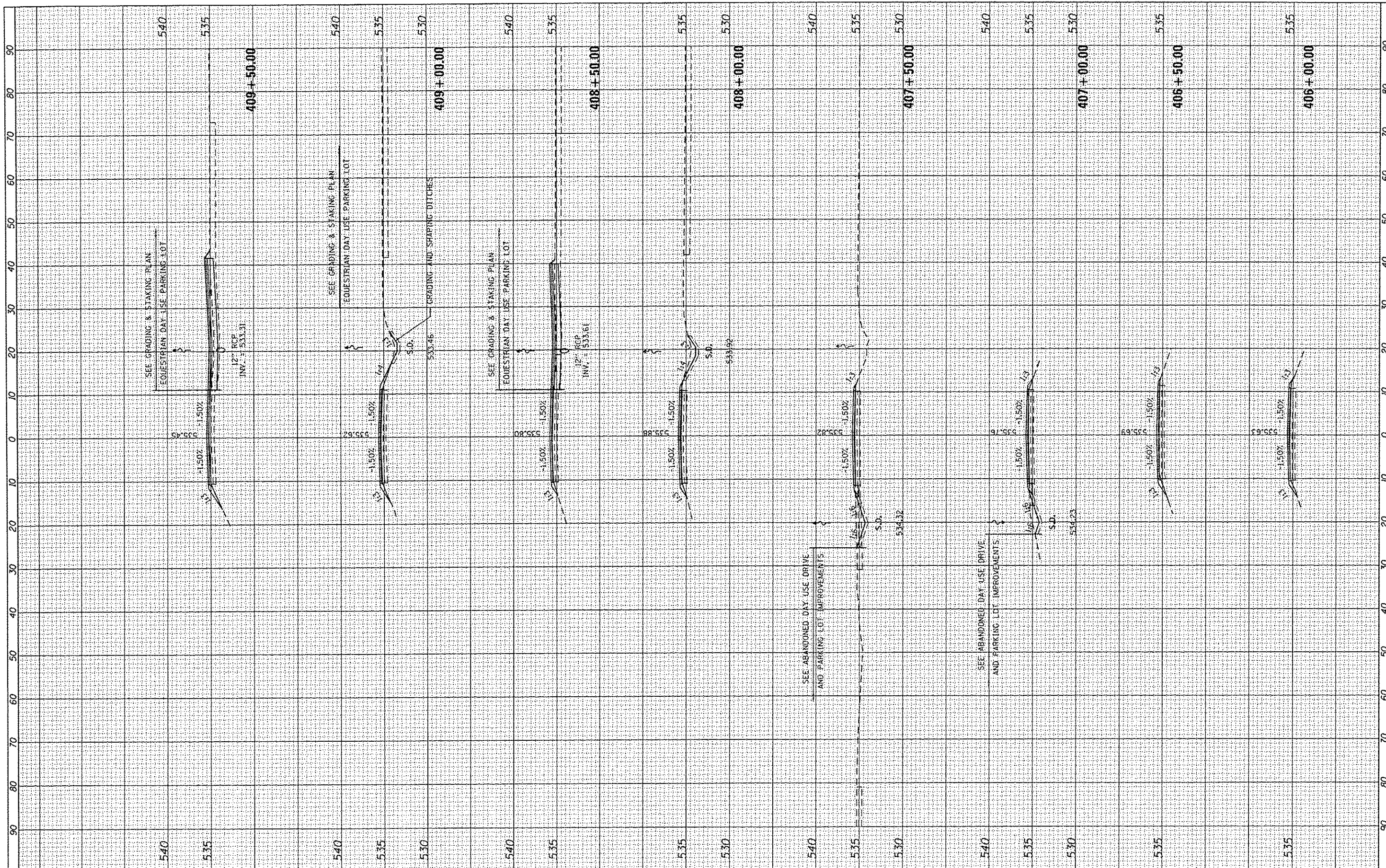
CROSS SECTIONS - NORTH DAY USE ENTRANCE DRIVE
 NEWTON LAKE STATE FISH AND WILDLIFE AREA

SCALE: SHEET OF SHEETS STA. 401+50.00 TO STA. 405+75.93

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARK ROADS	JASPER	66	29
CONTRACT NO. 46255				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____

ORIGINAL SURVEY	DATE
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____



FILE NAME : L:\1007\1186610\10_13\10-04\CA00_Sheets\0746255
 USER NAME : Brian Bond
 PLOT SCALE : 20.0000' / 1" = 100.0000'
 PLOT DATE : 3/29/2013

DESIGNED - BMB	REVISED -
DRAWN - BMB	REVISED -
CHECKED - JMM	REVISED -
DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

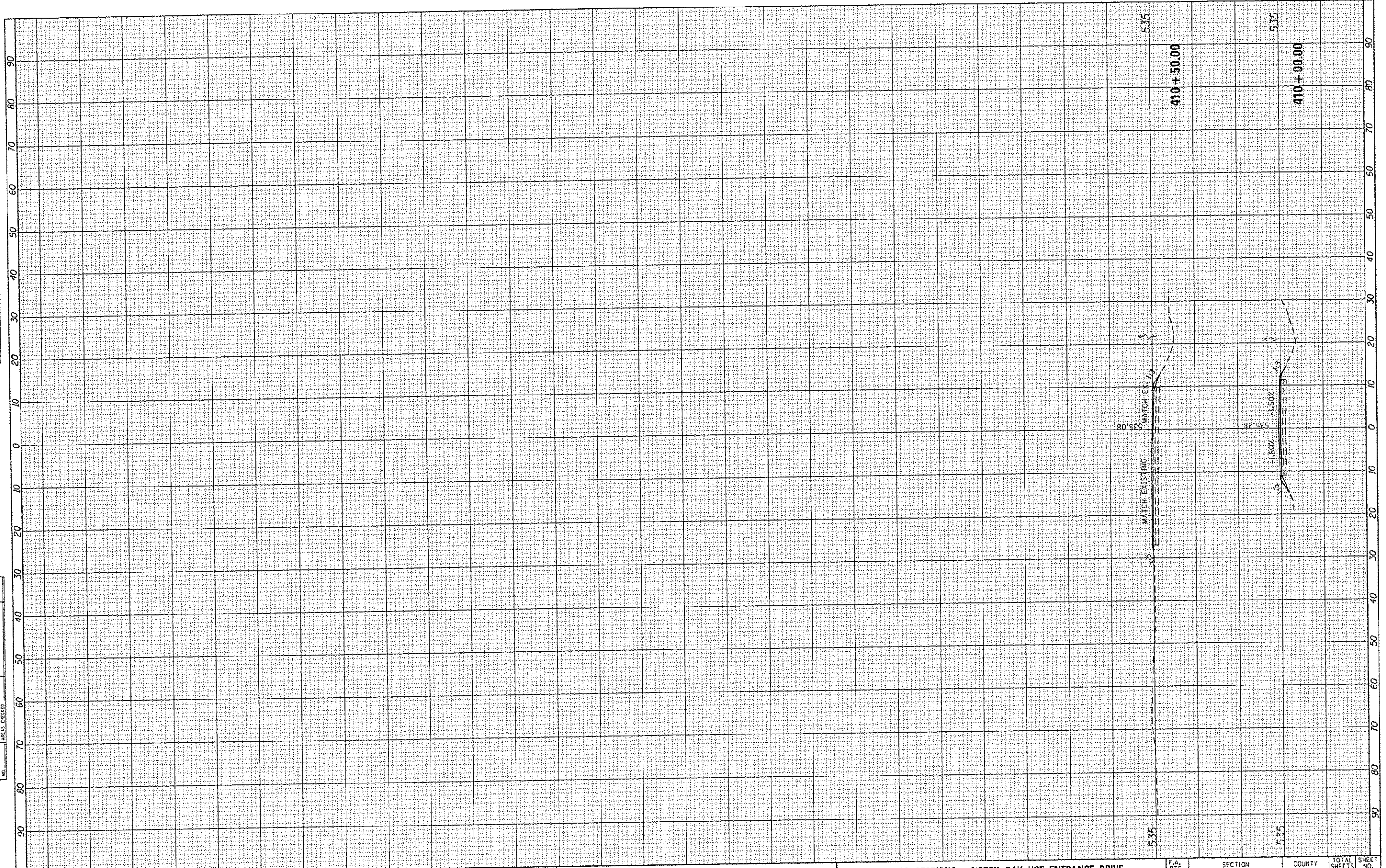
CROSS SECTIONS - NORTH DAY USE ENTRANCE DRIVE
 NEWTON LAKE STATE FISH AND WILDLIFE AREA

SCALE: SHEET OF SHEETS STA. 406+00.00 TO STA. 409+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARK ROADS	JASPER	66	30
				CONTRACT NO. 46255
ILLINOIS FED. AID PROJECT				

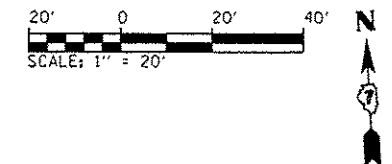
FINAL SURVEY	DATE
NO. _____	_____
DATE _____	_____
BY _____	_____
DESIGNED BY _____	_____
CHECKED BY _____	_____
DRAWN BY _____	_____
DATE _____	_____

ORIGINAL SURVEY	DATE
NO. _____	_____
DATE _____	_____
BY _____	_____
DESIGNED BY _____	_____
CHECKED BY _____	_____
DRAWN BY _____	_____
DATE _____	_____



FILE NAME =	USER NAME = Brion Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - NORTH DAY USE ENTRANCE DRIVE NEWTON LAKE STATE FISH AND WILDLIFE AREA	SCALE: SHEET OF SHEETS STA. 410+00.00 TO STA. 410+50.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\1007\1106610\W013\Draw\CADD_Sheets\0746255	XSC North.dgn	DRAWN - BMB	REVISED -				N/A	PARK ROADS	JASPER	66	31	
SHEET 3	PLOT SCALE = 20.0000" / 1"	CHECKED - JMM	REVISED -				CONTRACT NO. 46255					
	PLOT DATE = 3/29/2013	DATE - 3/29/2013	REVISED -				ILLINOIS FED. AID PROJECT					

BEGIN IMPROVEMENTS STA. 10+37.29



Newton Lake
State Fish and Wildlife Area
 Illinois Department of Natural Resources
 EXISTING SIGN TO REMAIN

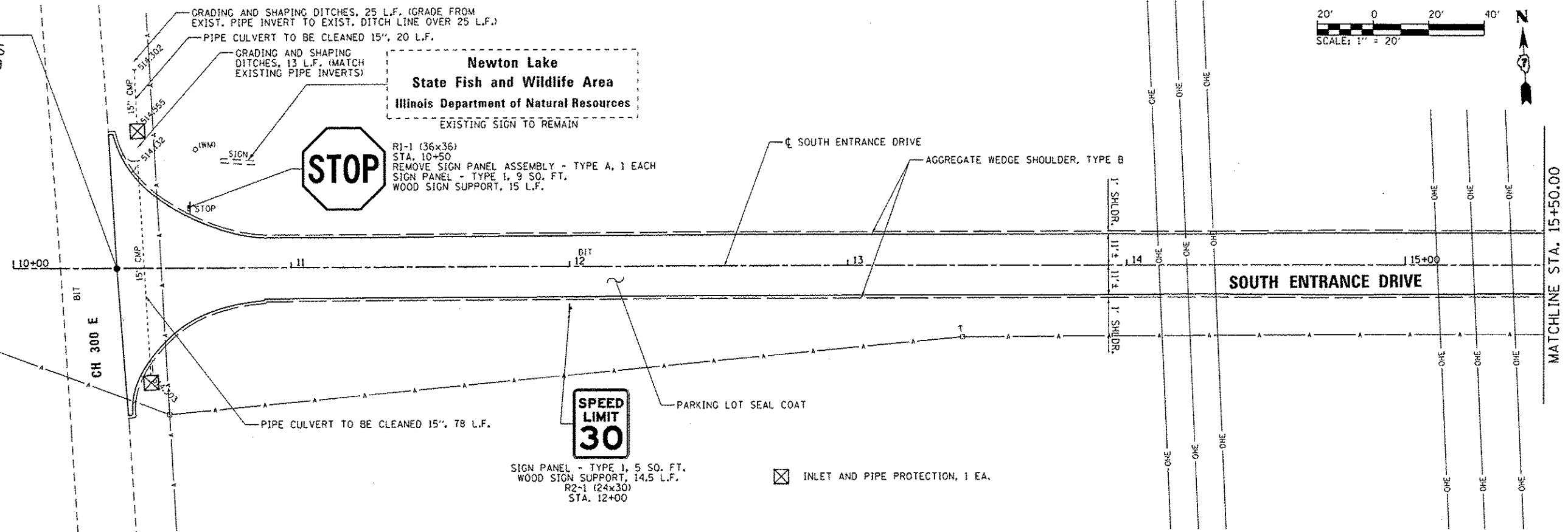


R1-1 (36x36)
 STA. 10+50
 REMOVE SIGN PANEL ASSEMBLY - TYPE A, 1 EACH
 SIGN PANEL - TYPE I, 9 SQ. FT.
 WOOD SIGN SUPPORT, 15 L.F.



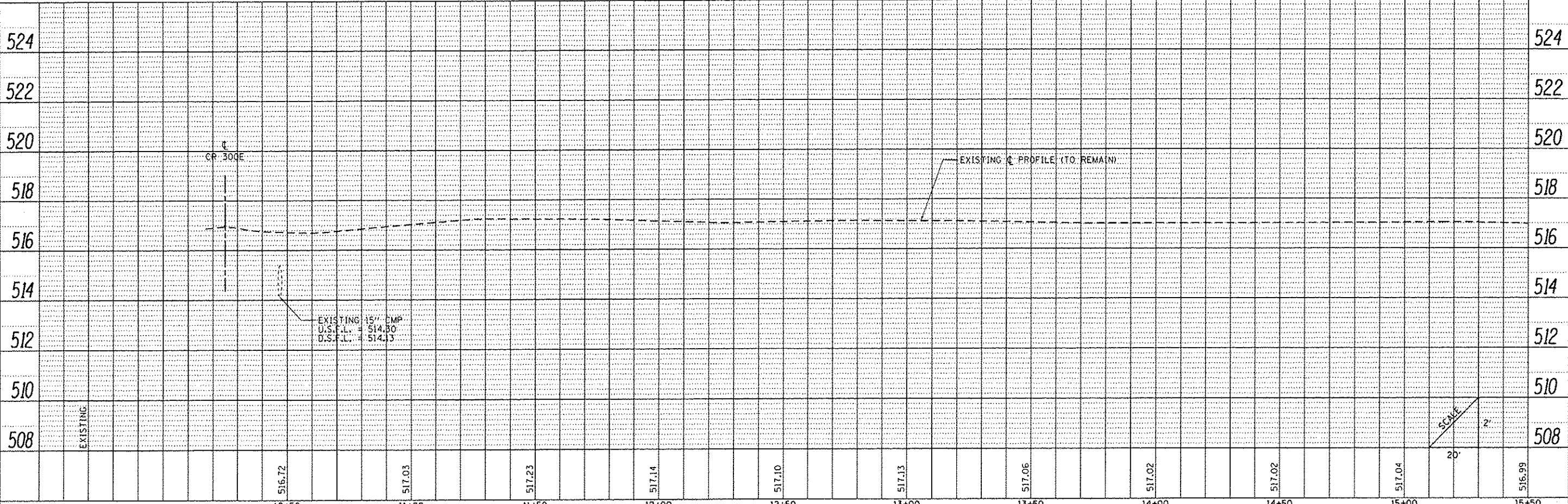
SIGN PANEL - TYPE I, 5 SQ. FT.
 WOOD SIGN SUPPORT, 14.5 L.F.
 R2-1 (24x30)
 STA. 12+00

⊗ INLET AND PIPE PROTECTION, 1 EA.

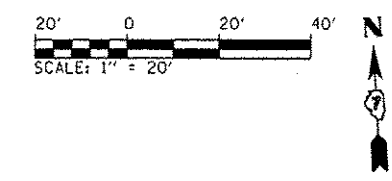


PLAN	REVISIONS	BY	DATE
NO. 1	DATE	BY	DATE
NO. 2	DATE	BY	DATE
NO. 3	DATE	BY	DATE
NO. 4	DATE	BY	DATE
NO. 5	DATE	BY	DATE
NO. 6	DATE	BY	DATE
NO. 7	DATE	BY	DATE
NO. 8	DATE	BY	DATE
NO. 9	DATE	BY	DATE
NO. 10	DATE	BY	DATE

PROFILE	REVISIONS	BY	DATE
NO. 1	DATE	BY	DATE
NO. 2	DATE	BY	DATE
NO. 3	DATE	BY	DATE
NO. 4	DATE	BY	DATE
NO. 5	DATE	BY	DATE
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NO. 9	DATE	BY	DATE
NO. 10	DATE	BY	DATE

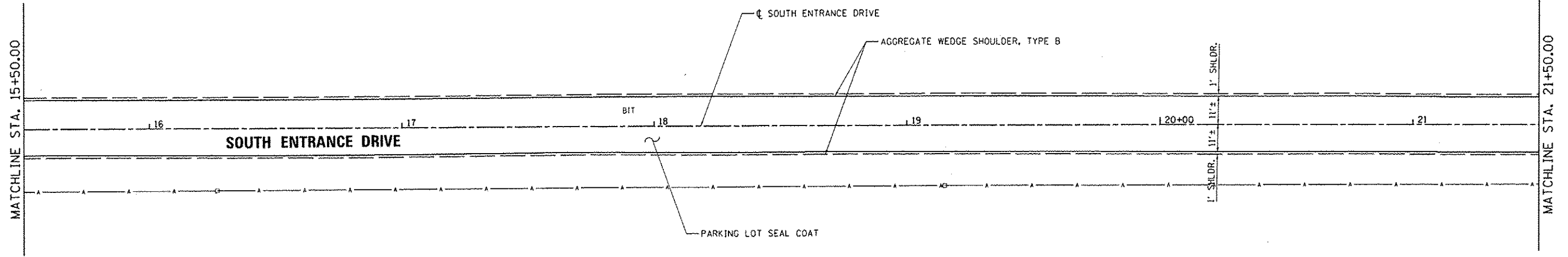


FILE NAME: L:\1001\1186610\10_13\10-cv\CADD_Sheets\07-255_PMP_South-1 019.dgn	USER NAME: <Brien Band	DESIGNED: BMB	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH ENTRANCE DRIVE - PLAN AND PROFILE SHEET NEWTON LAKE STATE FISH AND WILDLIFE AREA			F.A. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
Default	PLOT SCALE: 48.0000 / 1 in.	DRAWN: RAH	REVISED: -		N/A	PARKS ROADS	JASPER	66	34			
	PLOT DATE: 3/29/2013	CHECKED: JMM	REVISED: -		SCALE: 1"=20'	SHEET OF SHEETS	STA. 10+00 TO STA. 15+50	CONTRACT NO. 46255				
		DATE: 3/29/2013	REVISED: -		ILLINOIS FED. AID PROJECT							

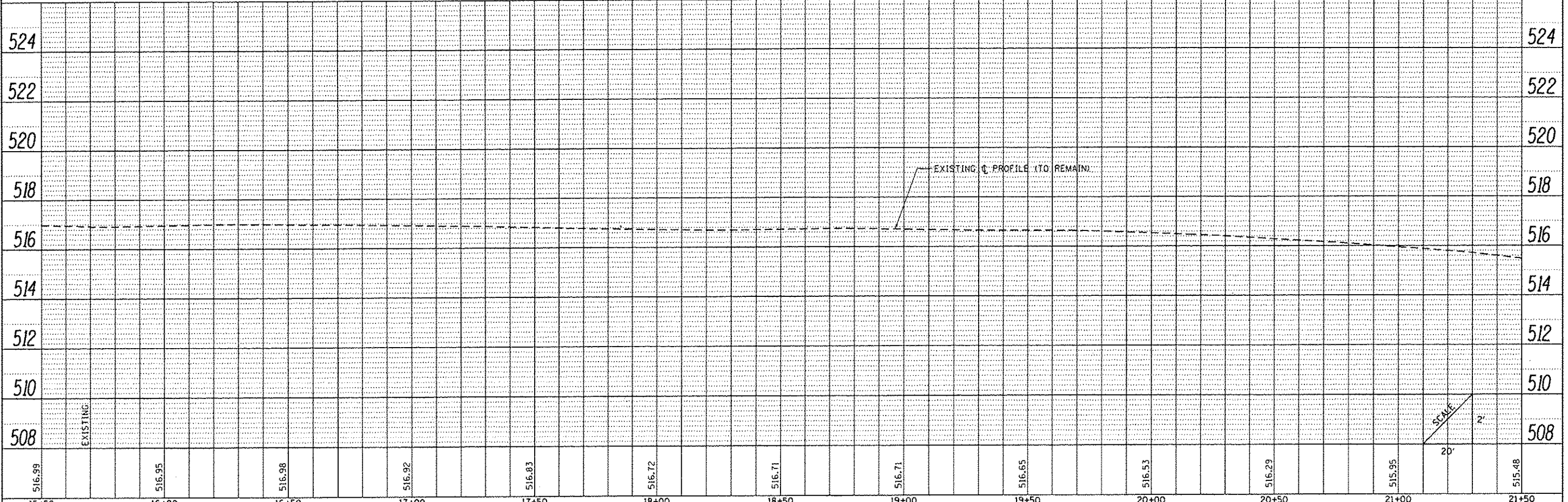


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DESIGNED	
DRAWN	
CHECKED	
NOTED	
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NO.	

PROFILE	DATE
DESIGNED	
DRAWN	
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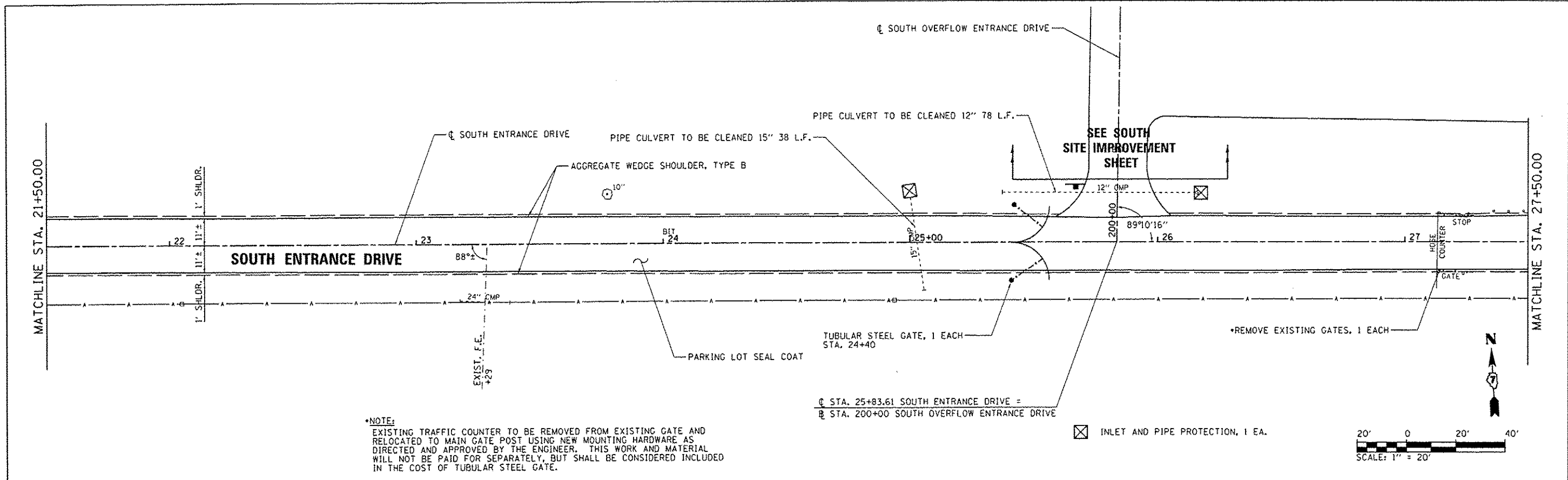
INLET AND PIPE PROTECTION, 1 EA.



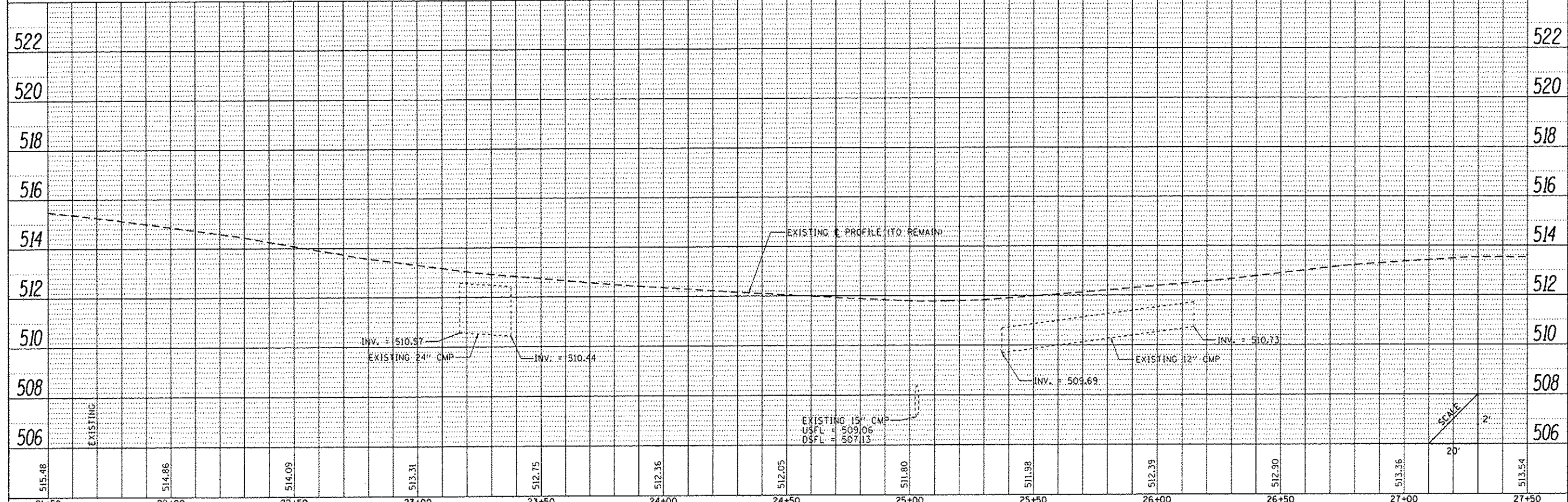
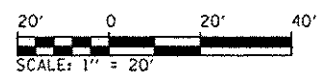
FILE NAME :	USER NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH ENTRANCE DRIVE - PLAN AND PROFILE SHEET NEWTON LAKE STATE FISH AND WILDLIFE AREA	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1001\1186618\1\13\Draw\CADD_Sheets\076255_PMP_South-1_020.dgn	Brian Bond	DRAWN -	REVISED -			N/A	PARKS ROADS	JASPER	66	35
Default		CHECKED -	REVISED -			CONTRACT NO. 46255		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE: 1"=20"	SHEET OF SHEETS	STA. 15+50 TO STA. 21+50		

PLAN	DESIGNED	DATE
	PLOTTED	
	NOTES CHECKED	
	BY	
	NO.	

PROFILE	DESIGNED	DATE
	PLOTTED	
	NOTES CHECKED	
	BY	
	NO.	

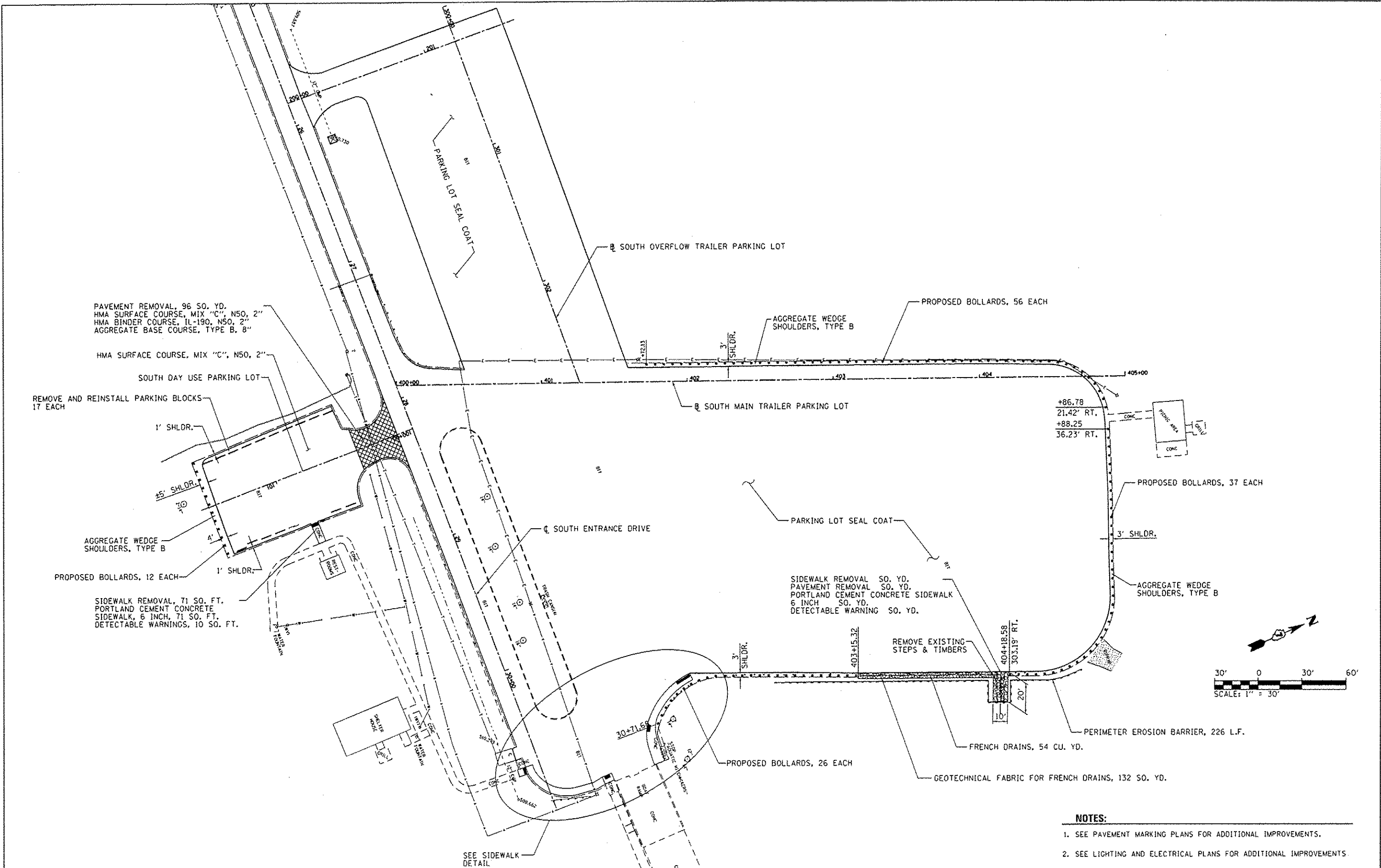


***NOTE:**
 EXISTING TRAFFIC COUNTER TO BE REMOVED FROM EXISTING GATE AND RELOCATED TO MAIN GATE POST USING NEW MOUNTING HARDWARE AS DIRECTED AND APPROVED BY THE ENGINEER. THIS WORK AND MATERIAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF TUBULAR STEEL GATE.



21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00	27+50
515.48	514.86	514.09	513.31	512.75	512.35	512.05	511.80	511.98	512.39	512.90	513.36	513.54

FILE NAME: L:\1007\1108610\W0_13\Draw\CADD_Sheets\07 USER NAME: Brian Bond PLOT SCALE: 40.0000' / in. PLOT DATE: 3/29/2013	DESIGNED - BMB DRAWN - RAH CHECKED - JMM DATE - 3/29/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH ENTRANCE DRIVE - PLAN AND PROFILE SHEET NEWTON LAKE STATE FISH AND WILDLIFE AREA SCALE: 1"=20' SHEET OF SHEETS STA. 21+50 TO STA. 27+50	F.A. RTE. N/A SECTION PARKS ROADS COUNTY JASPER TOTAL SHEETS 66 SHEETS NO. 36 CONTRACT NO. 46255 ILLINOIS FED. AID PROJECT
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PAVEMENT REMOVAL, 96 SQ. YD.
 HMA SURFACE COURSE, MIX "C", N50, 2"
 HMA BINDER COURSE, IL-190, N50, 2"
 AGGREGATE BASE COURSE, TYPE B, 8"

HMA SURFACE COURSE, MIX "C", N50, 2"

SOUTH DAY USE PARKING LOT

REMOVE AND REINSTALL PARKING BLOCKS
 17 EACH

1' SHLDR.

±5' SHLDR.

AGGREGATE WEDGE
 SHOULDERS, TYPE B

PROPOSED BOLLARDS, 12 EACH

SIDEWALK REMOVAL, 71 SQ. FT.
 PORTLAND CEMENT CONCRETE
 SIDEWALK, 6 INCH, 71 SQ. FT.
 DETECTABLE WARNINGS, 10 SQ. FT.

☐ SOUTH OVERFLOW TRAILER PARKING LOT

AGGREGATE WEDGE
 SHOULDERS, TYPE B

PROPOSED BOLLARDS, 56 EACH

☐ SOUTH MAIN TRAILER PARKING LOT

+86.78
 21.42' RT.
 +88.25
 36.23' RT.

PROPOSED BOLLARDS, 37 EACH

3' SHLDR.

AGGREGATE WEDGE
 SHOULDERS, TYPE B

☐ SOUTH ENTRANCE DRIVE

PARKING LOT SEAL COAT

SIDEWALK REMOVAL SQ. YD.
 PAVEMENT REMOVAL SQ. YD.
 PORTLAND CEMENT CONCRETE SIDEWALK
 6 INCH SQ. YD.
 DETECTABLE WARNING SQ. YD.

REMOVE EXISTING
 STEPS & TIMBERS

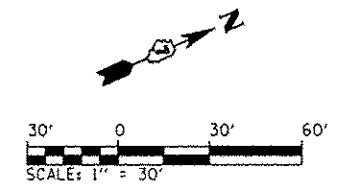
PERIMETER EROSION BARRIER, 226 L.F.

FRENCH DRAINS, 54 CU. YD.

GEOTECHNICAL FABRIC FOR FRENCH DRAINS, 132 SQ. YD.

PROPOSED BOLLARDS, 26 EACH

SEE SIDEWALK
 DETAIL



NOTES:

1. SEE PAVEMENT MARKING PLANS FOR ADDITIONAL IMPROVEMENTS.
2. SEE LIGHTING AND ELECTRICAL PLANS FOR ADDITIONAL IMPROVEMENTS.

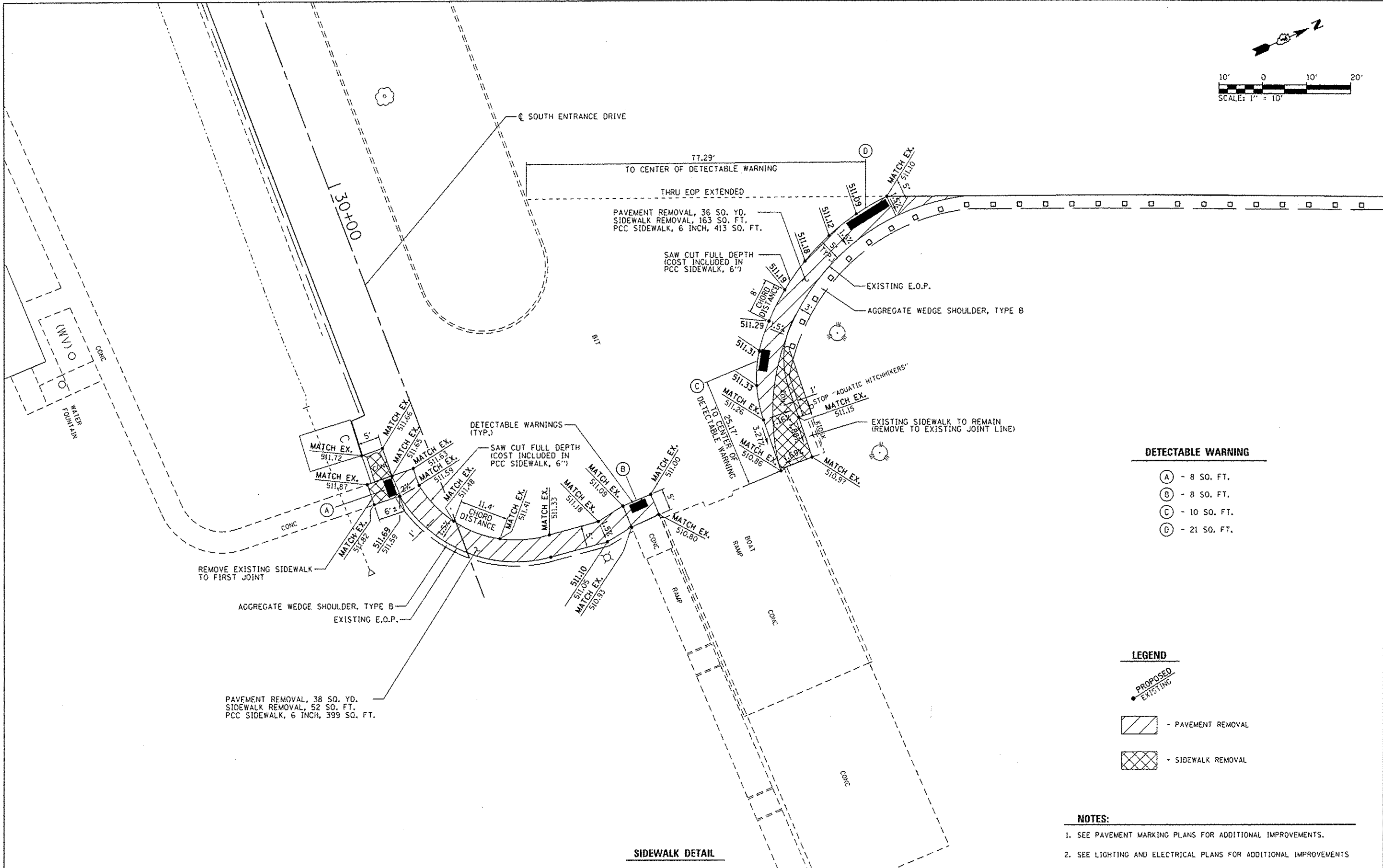
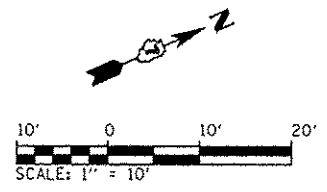
FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -
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Default	PLOT SCALE = 60.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 3/29/2013	DATE - 3/29/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITE IMPROVEMENTS - SOUTH DAY USE & BOAT ACCESS AREA
 NEWTON LAKE STATE FISH AND WILDLIFE AREA**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	38
CONTRACT NO. 46255			ILLINOIS FED. AID PROJECT	



- DETECTABLE WARNING**
- (A) - 8 SO. FT.
 - (B) - 8 SO. FT.
 - (C) - 10 SO. FT.
 - (D) - 21 SO. FT.

- LEGEND**
- PROPOSED
 - EXISTING
 - PAVEMENT REMOVAL
 - SIDEWALK REMOVAL

- NOTES:**
1. SEE PAVEMENT MARKING PLANS FOR ADDITIONAL IMPROVEMENTS.
 2. SEE LIGHTING AND ELECTRICAL PLANS FOR ADDITIONAL IMPROVEMENTS

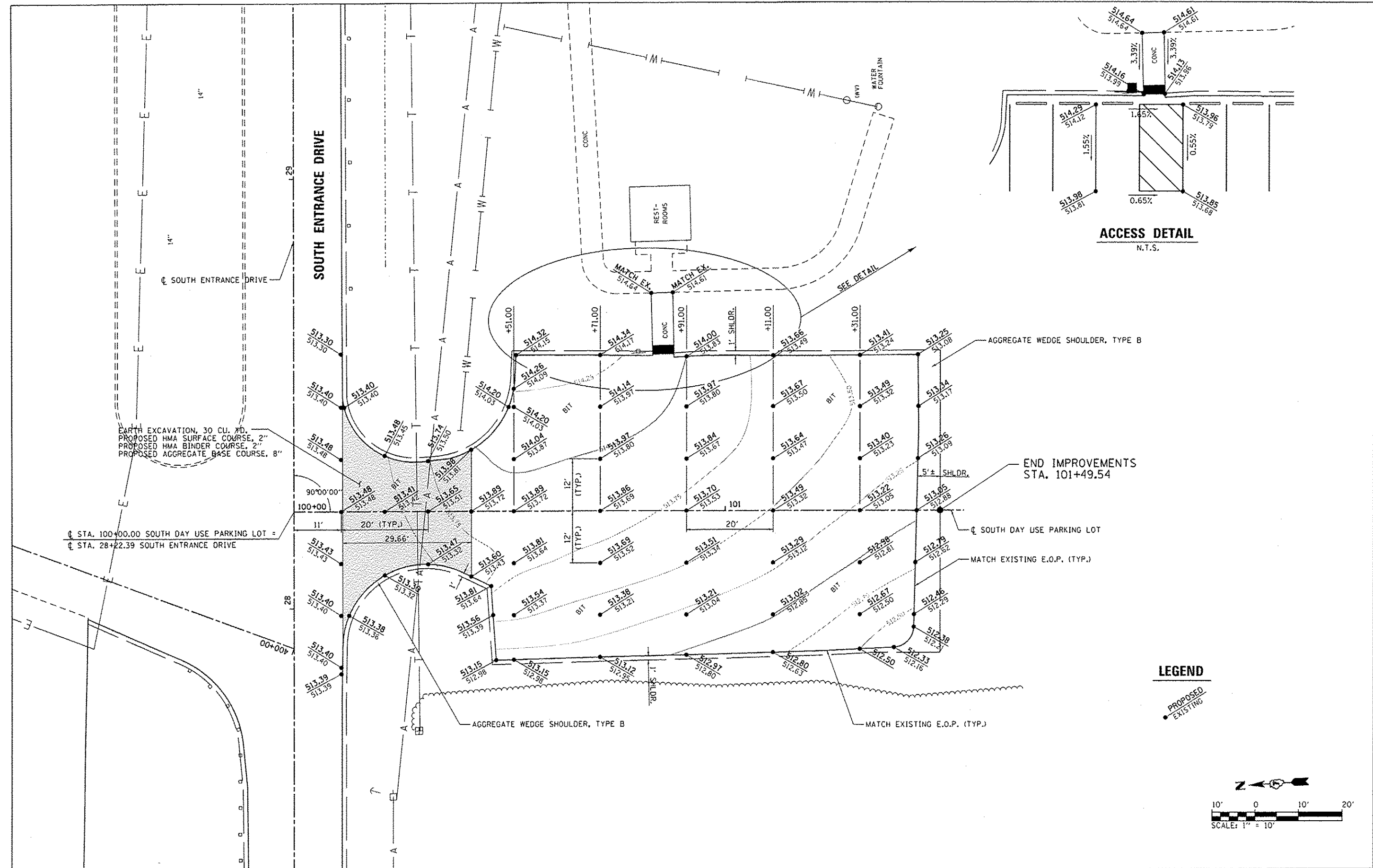
SIDEWALK DETAIL

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE IMPROVEMENT SIDEWALK DETAIL
SOUTH DAY USE & BOAT ACCESS AREA
NEWTON LAKE STATE FISH AND WILDLIFE AREA**

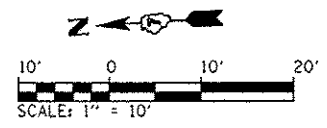
FILE NAME =	USER NAME = Brian Band	DESIGNED - BMB	REVISED -
L:\11007\1106618\40.13\Draw\CADD\Sheets\46255_Sidewalk_Detail - South.dgn		DRAWN - RAH	REVISED -
		CHECKED - JMM	REVISED -
		DATE - 3/29/2013	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	39
			CONTRACT NO. 46255	
ILLINOIS FED. AID PROJECT				

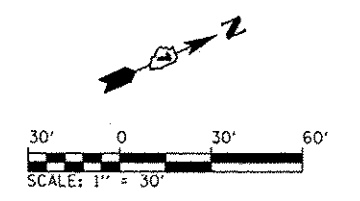


ACCESS DETAIL
N.T.S.

LEGEND



FILE NAME = L:\11001\1186618\W0.13\Draw\CADD_Sheets\10	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH DAY USE PARKING LOT - GRADING & STAKING NEWTON LAKE STATE FISH AND WILDLIFE AREA	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	46255_Grading Staking Plan-South Entrance Lot	DRAWN - RAH	REVISED -			N/A	PARKS ROADS	JASPER	66	40	
	PLOT SCALE = 20.0000' / 1"	CHECKED - JMM	REVISED -			CONTRACT NO. 46255					
	PLOT DATE = 3/29/2013	DATE = 3/29/2013	REVISED -			ILLINOIS FED. AID PROJECT					



R1-1 (36 X 36)
STA. 201+21.90
SIGN PANEL - TYPE 1, 9 SO. FT.
WOOD SIGN SUPPORT, 15 L.F.

☐ SOUTH ENTRANCE DRIVE

PARKING TOTALS - SOUTH DAY USE PARKING LOT

1 - ACCESSIBLE (20'x20')
16 - STANDARD (10'x20')



R1-1 (36 X 36)
STA. 100+21.35
SIGN PANEL - TYPE 1, 9 SO. FT.
WOOD SIGN SUPPORT, 15 L.F.

☐ SOUTH DAY USE PARKING LOT



R7-8 (12x18)
R7-1101 (12x6)
STA. 100+79.19
SIGN PANEL, TYPE 1, 2 SO. FT.
TELESCOPING STEEL POST, 14 L.F.

PARKING TOTALS - SOUTH OVERFLOW TRAILER PARKING LOT

22 - STANDARD (12'x50')



R1-1 (36 X 36)
STA. 400+16.29
SIGN PANEL - TYPE 1, 9 SO. FT.
WOOD SIGN SUPPORT, 15 L.F.

☐ SOUTH MAIN TRAILER PARKING LOT



R7-8 (12x18)
R7-1101 (12x6)
SIGN PANEL, TYPE 1, 2 SO. FT.
TELESCOPING STEEL POST, 14 L.F.
(TYP. OF 2)

PARKING TOTALS - SOUTH MAIN TRAILER PARKING LOT

3 - ACCESSIBLE (16'x51')
54 - STANDARD (10'x51')

NOTES:

1. ALL ADA AND NO PARKING ISLANDS WITH DIAGONALS SHALL BE 4" YELLOW. ALL OTHER MARKING UNLESS OTHERWISE NOTED SHALL BE 4" WHITE.
2. ALL STRIPING BUFFER AREAS SHALL BE STRIPED WITH 4" LINE @ 10' C-C WITH 45° ANGLE SHOWN.
3. PARKING BUMPERS TO BE REMOVED AND RE-USED IN NEW LOCATIONS.



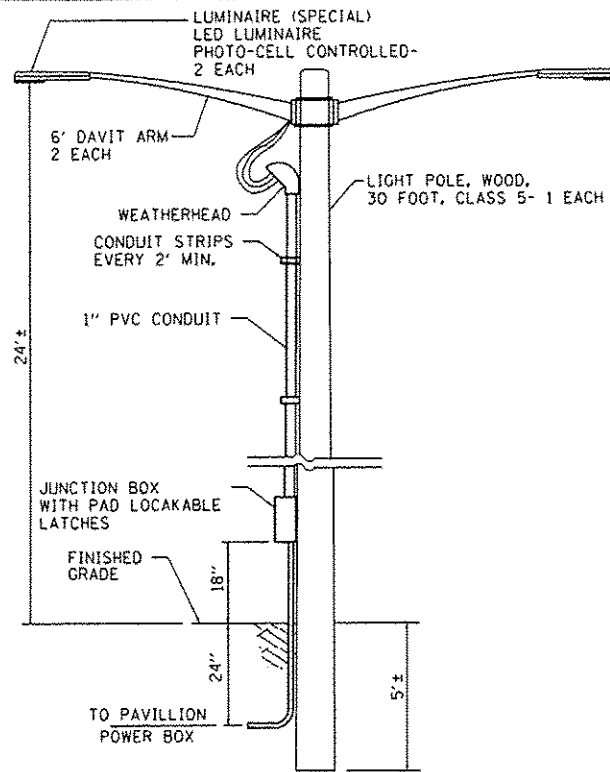
R7-8 (12x18)
R7-1101 (12x6)
SIGN PANEL, TYPE 1, 2 SO. FT.
TELESCOPING STEEL POST, 14 L.F.
(TYP. OF 3)



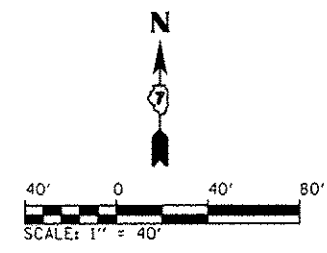
R8-3A (24x24)
SIGN PANEL - TYPE 1, 4 SO. FT.
TELESCOPING STEEL SIGN SUPPORT, 14 L.F.
(TYP. OF 2)

W14-XX (36 X 36)
STA. 30+98.81
SIGN PANEL - TYPE 1, 9 SO. FT.
WOOD SIGN SUPPORT, 15 L.F.

FILE NAME : L:\1007\11866\8\4\0\13\Draw\CADD\Sheets\046255.PVT MK Plan - South.dgn	USER NAME : Brian Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & SIGNING PLAN - SOUTH DAY USE & BOAT ACCESS AREA NEWTON LAKE STATE FISH AND WILDLIFE AREA	F.A. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE : 80.0000 / 1" = 80'	DATE : 3/29/2013	DRAWN - RAH	REVISED -			N/A	PARKS ROADS	JASPER	66	41	
PLOT DATE : 3/29/2013	DATE : 3/29/2013	CHECKED - JMM	REVISED -			CONTRACT NO. 46255					
Default						ILLINOIS FED. AID PROJECT					



ROADWAY FIXTURE DETAIL
N.T.S.

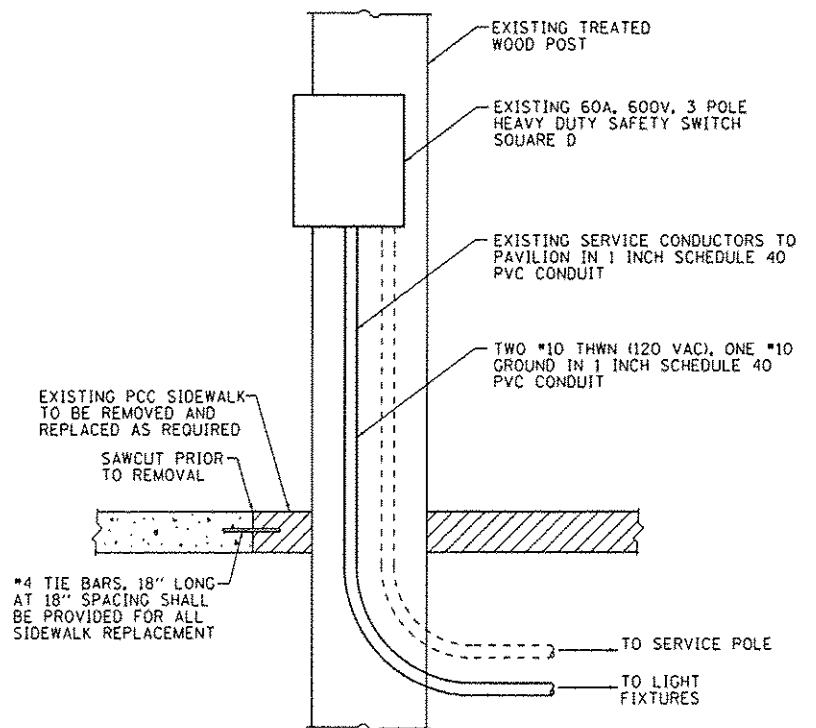
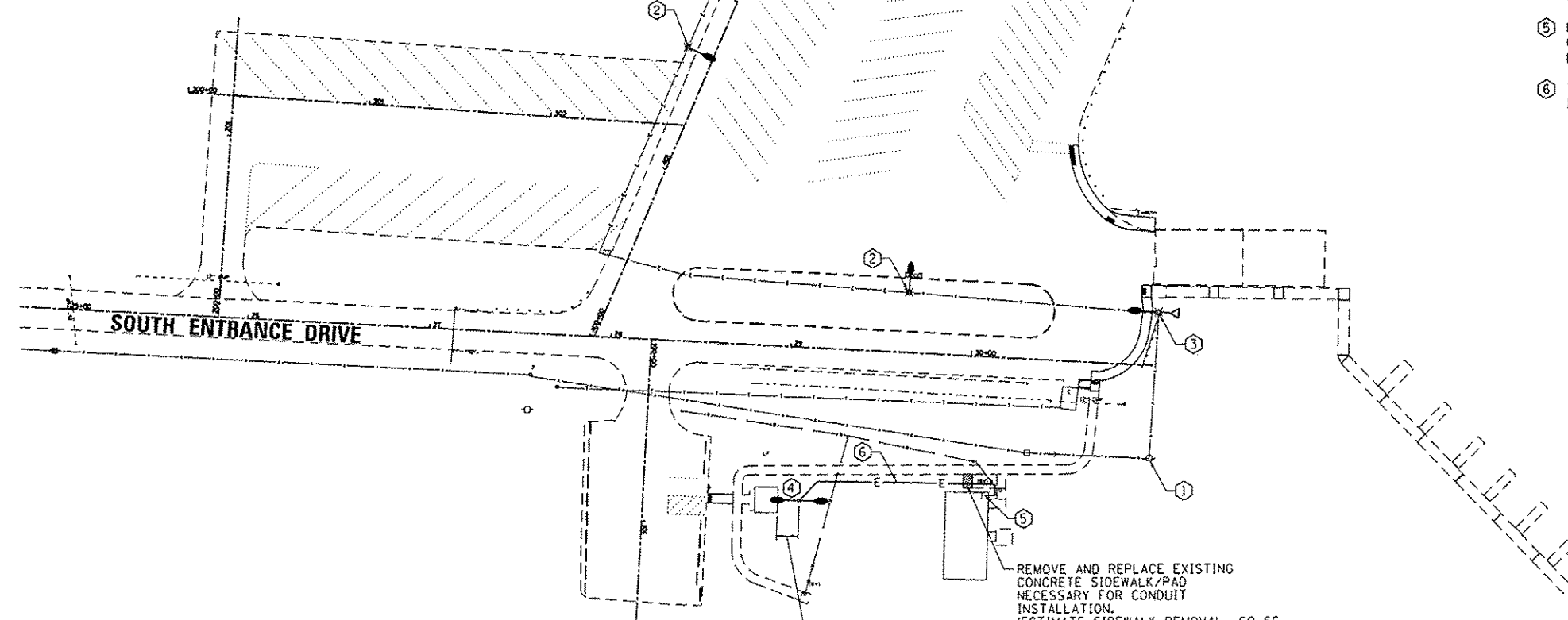


GENERAL NOTES:

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY ALL ELECTRICAL EQUIPMENT LOCATIONS AND DIMENSIONS PRIOR TO ORDERING AND INSTALLING.
2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA70 (NATIONAL ELECTRIC CODE, MOST CURRENT ISSUE), THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATION'S WHICH WOULD VOID THE U.L. LISTINGS (OR THIRD PARTY LISTINGS) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE WILL NOT BE PERMITTED.
3. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A ONETIME NIGHTTIME SIGHT VISIT TO RE-AIM AS MANY LIGHT FIXTURES AS DEEMED NECESSARY BY THE ENGINEER.
4. THE CONTRACTOR SHALL NOT REMOVE ANY OF THE EXISTING LIGHT FIXTURES UNTIL THE NEW UNITS ARE AVAILABLE. THE UNITS SHALL BE REPLACED IN SUCH A MANNER THAT ALL THE LIGHT FIXTURES (EXISTING AND NEW) ARE IN OPERATION DURING EACH NIGHT.

KEYED NOTES:

- ① EXISTING UTILITY SERVICE ENTRANCE, METER, AND DISCONNECT SWITCH TO REMAIN.
- ② EXISTING STREETLIGHT TYPE LIGHT FIXTURE TO BE REMOVED. EXISTING 30 FOOT CLASS 5 TREATED WOOD LIGHT POLE WITH 4 FOOT MOUNTING ARM TO REMAIN. PROVIDE LED LUMINAIRE, 8700 LUMEN, INDIVIDUAL PHOTO-CELL CONTROLLED AT 30 FEET ABOVE FINISHED GRADE WITH 24 INCH MOUNTING ARM AND ASSOCIATED HARDWARE. RECONNECT TO EXISTING CONDUCTORS. THIS WORK SHALL BE PAID FOR AS "LUMINAIRE (SPECIAL)" - EACH.
- EXISTING STREETLIGHT TYPE LIGHT FIXTURE WITH MOUNTING ARM AND FLOOD TYPE FIXTURE ON 30 FOOT CLASS 5 TREATED WOOD SERVICE POLE PHOTOCCELL CONTROLLED AND ASSOCIATED HARDWARE TO BE DEMOLISHED. ON PARKING LOT SIDE PROVIDE LED LUMINAIRE, 8700 LUMEN, INDIVIDUAL PHOTO-CELL CONTROLLED AT 30 FEET ABOVE FINISHED GRADE WITH 24 INCH MOUNTING ARM AND ASSOCIATED HARDWARE. ON LAKE SIDE OF POLE PROVIDE FLOODLIGHT 175 WATT METAL HALIDE, MULTITAP PULSE START BALLAST, PHOTO-CELL CONTROLLED, 6 BY 6 DISTRIBUTION AIMED TOWARDS DOCKS. RECONNECT TO EXISTING CONDUCTORS. THIS WORK SHALL BE PAID FOR AS "FLOOD LIGHTING UNIT" - EACH.
- ④ TWIN LED LUMINAIRE, 8700 LUMEN, PHOTO-CELL CONTROLLED FIXTURE MOUNTED ON 30 FOOT CLASS 5 TREATED WOOD LIGHT POLE. SEE ROADWAY FIXTURE FOR FURTHER DETAIL. JUNCTION BOX AND POLE MOUNTED CONDUIT AND FITTINGS SHALL BE MEASURED FOR PAYMENT AS "UNDERGROUND CONDUIT" OF THE TYPE AND DIAMETER SPECIFIED.
- ⑤ LIGHTING CONNECTION TO EXISTING PAVILLION POWER BOX. REMOVE AND REPLACE EXISTING CONCRETE SIDEWALK/PAD AS NECESSARY FOR CONDUIT INSTALLATION. CONNECTION TO EXISTING BOX INCLUDED IN THE COST FOR "UNDERGROUND CONDUIT"
- ⑥ TWO #10 THWN (240 VAC), ONE #10 GROUND IN 1 INCH SCHEDULE 40 PVC CONDUIT, BURIED 24 INCHES BELOW FINISHED GRADE.



PAVILLION POWER ELEVATION VIEW
N.T.S.

FILE NAME : L:\1001\1186618\WD\13\VD-a\CAD\Sheets\46255_ElectPlan - South.dgn	USER NAME : Brian Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING AND ELECTRICAL PLAN - SOUTH DAY USE & BOAT ACCESS AREA NEWTON LAKE STATE FISH AND WILDLIFE AREA		F.A. RTE. N/A	SECTION PARKS ROADS	COUNTY JASPER	TOTAL SHEETS 66	SHEET NO. 42			
Default	PLOT SCALE : 00.0000 / 1"	CHECKED - JMM	REVISED -				SCALE: 1" = 40'	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE : 3/29/2013	DATE - 3/29/2013	REVISED -				CONTRACT NO. 46255							

PROP. C EAST ENTRANCE DR.
 CURVE-1 DATA
 PI STA. = 10+92.49
 N = 816863.911, E = 999839.348
 $\Delta = 5^\circ 10' 24''$ (RT)
 D = 14' 19' 26"
 R = 400.00'
 T = 18.07'
 L = 36.12'
 E = 0.41'
 P.C. STA = 10+74.42
 N = 816864.222, E = 999857.416
 P.T. STA = 11+10.53
 N = 816865.231, E = 999821.326

PROP. C EAST ENTRANCE DR.
 CURVE-2 DATA
 PI STA. = 13+10.94
 N = 816879.071, E = 999621.458
 $\Delta = 7^\circ 39' 13''$ (LT)
 D = 14' 19' 26"
 R = 400.00'
 T = 26.76'
 L = 53.43'
 E = 0.89'
 P.C. STA = 12+84.18
 N = 816877.916, E = 999648.142
 P.T. STA = 13+37.61
 N = 816878.254, E = 999594.751

PROP. C EAST ENTRANCE DR.
 CURVE-3 DATA
 PI STA. = 16+38.99
 N = 816860.042, E = 999293.920
 $\Delta = 22^\circ 52' 06''$ (RT)
 D = 10' 25' 03"
 R = 550.00'
 T = 111.24'
 L = 219.52'
 E = 11.14'
 P.C. STA = 15+27.75
 N = 816866.764, E = 999404.957
 P.T. STA = 17+47.27
 N = 816896.999, E = 999188.998

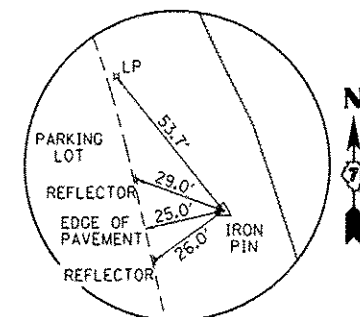
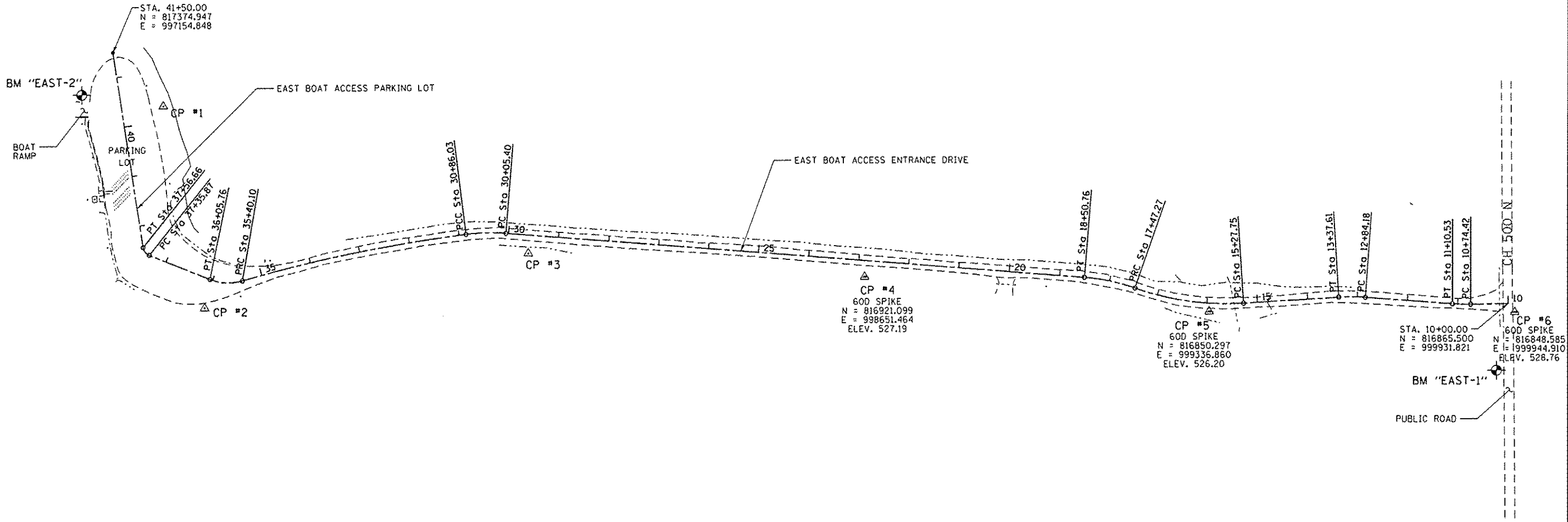
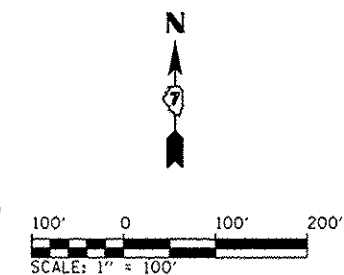
PROP. C EAST ENTRANCE DR.
 CURVE-4 DATA
 PI STA. = 17+99.30
 N = 816914.285, E = 999139.923
 $\Delta = 14^\circ 49' 22''$ (LT)
 D = 14' 19' 26"
 R = 400.00'
 T = 52.03'
 L = 103.48'
 E = 3.37'
 P.C. STA = 17+47.27
 N = 816896.999, E = 999188.998
 P.T. STA = 18+50.76
 N = 816918.441, E = 999088.056

PROP. C EAST ENTRANCE DR.
 CURVE-5 DATA
 PI STA. = 30+45.85
 N = 817014.173, E = 997893.323
 $\Delta = 11^\circ 33' 03''$ (LT)
 D = 14' 19' 26"
 R = 400.00'
 T = 40.46'
 L = 80.64'
 E = 2.04'
 P.C. STA = 30+05.40
 N = 817010.665, E = 997937.105
 P.T. STA = 30+86.03
 N = 817008.987, E = 997856.619

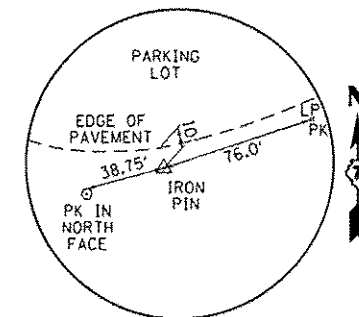
PROP. C EAST ENTRANCE DR.
 CURVE-6 DATA
 PI STA. = 33+13.53
 N = 816981.383, E = 997630.810
 $\Delta = 8^\circ 54' 57''$ (LT)
 D = 1' 57' 49"
 R = 2,918.00'
 T = 227.49'
 L = 454.07'
 E = 8.85'
 P.C. STA = 30+86.03
 N = 817008.987, E = 997856.619
 P.T. STA = 35+40.10
 N = 816919.115, E = 997412.002

PROP. C EAST ENTRANCE DR.
 CURVE-7 DATA
 PI STA. = 35+74.16
 N = 816909.793, E = 997379.241
 $\Delta = 37^\circ 37' 08''$ (RT)
 D = 57' 17' 45"
 R = 100.00'
 T = 34.06'
 L = 65.66'
 E = 5.64'
 P.C. STA = 35+40.10
 N = 816919.115, E = 997412.002
 P.T. STA = 36+05.76
 N = 816922.405, E = 997347.602

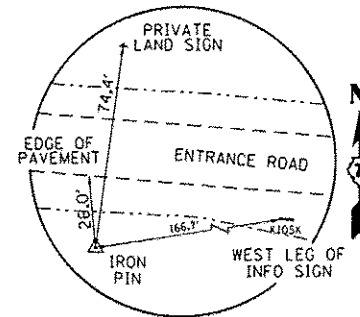
PROP. C EAST ENTRANCE DR.
 CURVE-8 DATA
 PI STA. = 37+47.31
 N = 816974.822, E = 997216.107
 $\Delta = 59^\circ 33' 42''$ (RT)
 D = 286' 28' 44"
 R = 20.00'
 T = 11.45'
 L = 20.79'
 E = 3.04'
 P.C. STA = 37+35.87
 N = 816970.582, E = 997226.743
 P.T. STA = 37+56.66
 N = 816986.134, E = 997214.379



CONTROL POINT #1
 N: 817267.548
 E: 997255.348
 ELEV. = 513.19



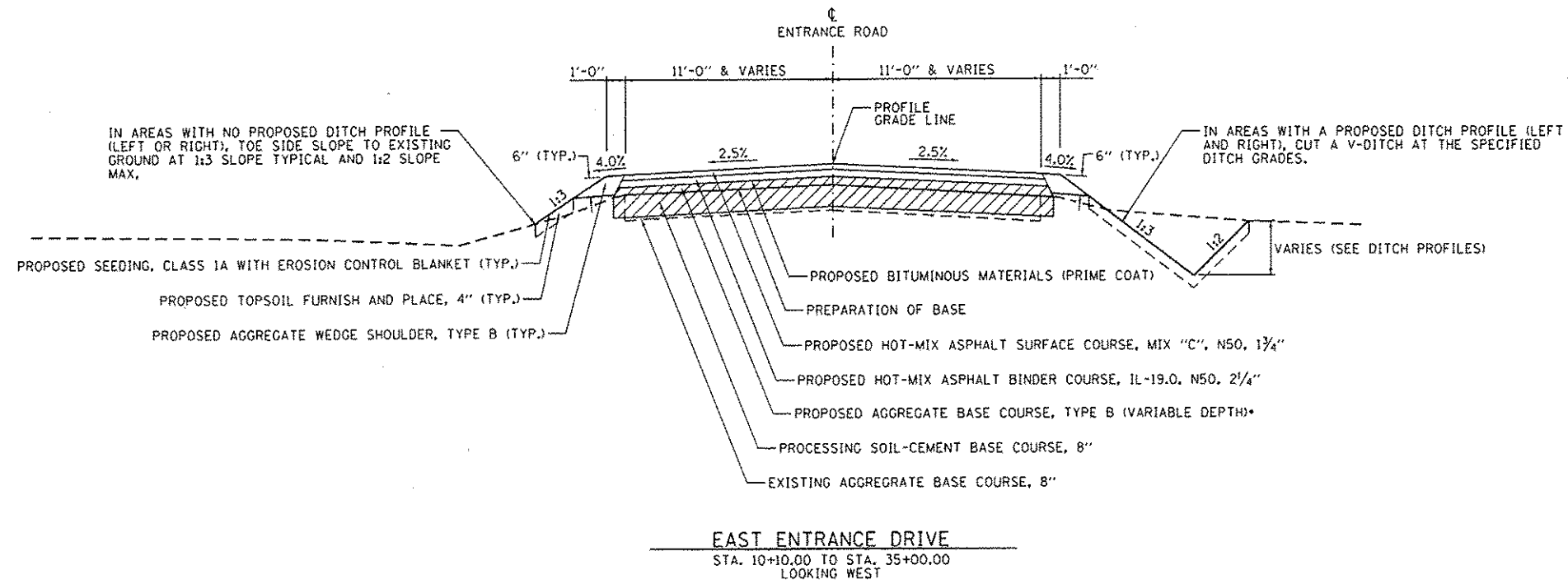
CONTROL POINT #2
 N: 816865.236
 E: 997336.530
 ELEV. = 522.31



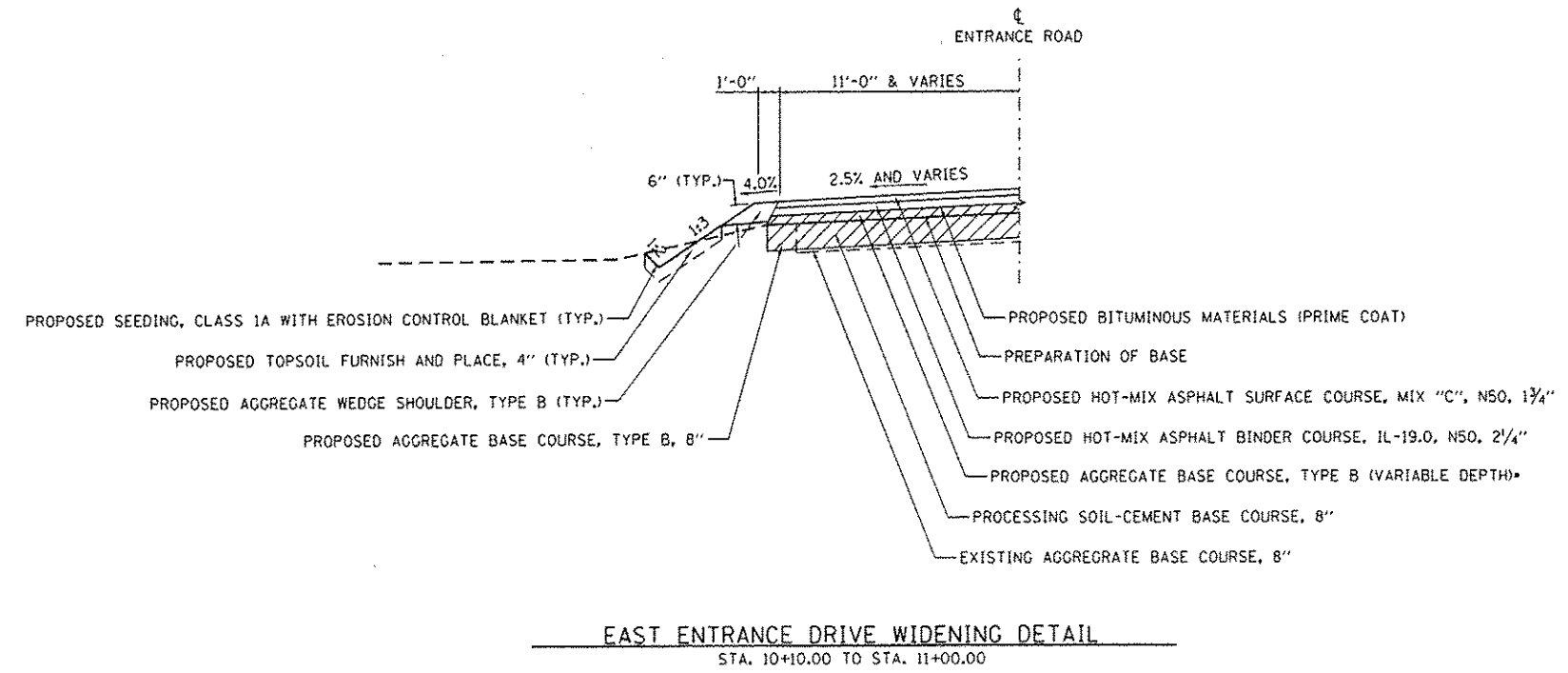
CONTROL POINT #3
 N: 816970.360
 E: 997981.686
 ELEV. = 527.19

BENCHMARKS:
 BM "EAST-1"
 COTTON SPINDLE EAST FACE PP,
 FIRST POLE SOUTH OF
 EAST SIDE ACCESS ENTRANCE
 ELEV. = 529.03
 BM "EAST-2"
 COTTON SPINDLE EAST FACE LP,
 LP JUST NORTH OF BOAT RAMP
 ELEV. = 513.19

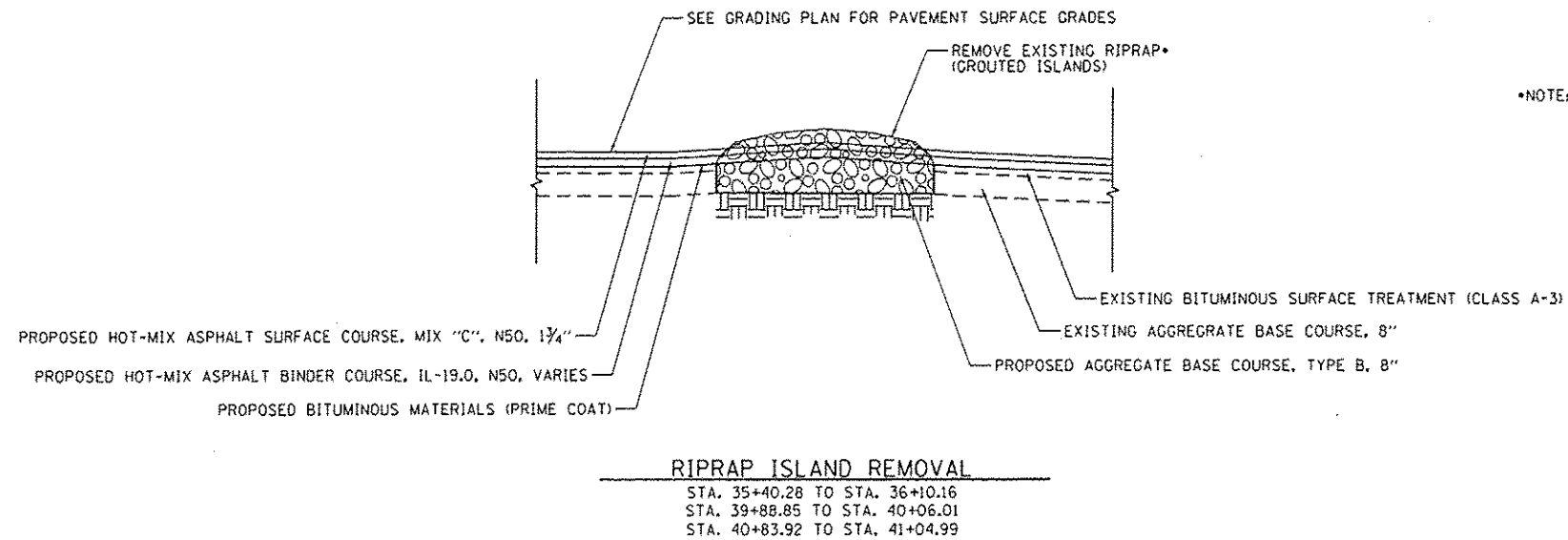
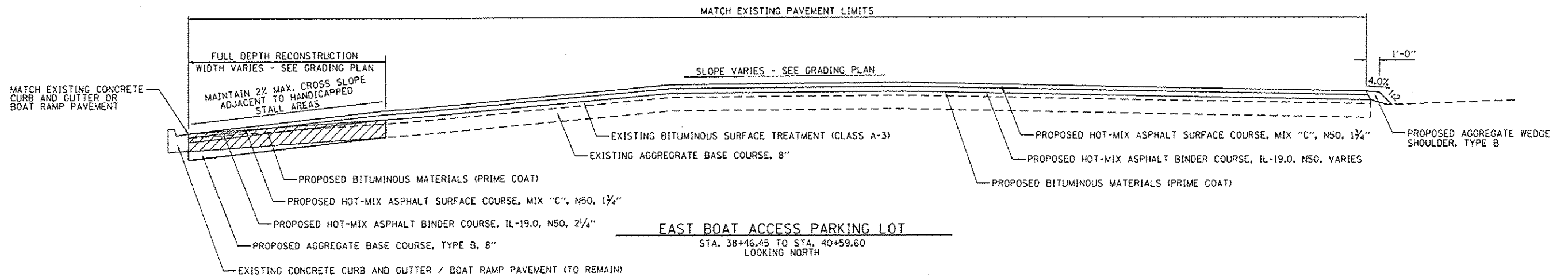
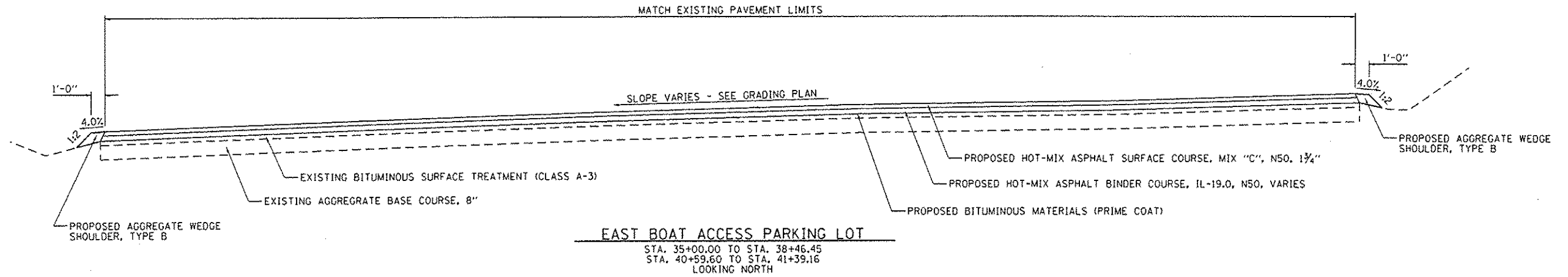
FILE NAME:	USER NAME: Brian Bond	DESIGNED: BMB	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN - EAST BOAT ACCESS AREA NEWTON LAKE STATE FISH AND WILDLIFE AREA				F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1001\1186618\10\13\00\1\CADD\Sheets\046255_SitePlan - Cost.dgn	46255_SitePlan - Cost.dgn	DRAWN: RAH	REVISED:		N/A	PARKS ROADS	JASPER	66	43				
Default	PLOT SCALE: 200.0000' / in.	CHECKED: JMM	REVISED:		SCALE: AS NOTED SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 46255				
	PLOT DATE: 3/29/2013	DATE: 3/29/2013	REVISED:		ILLINOIS FED. AID PROJECT								



*NOTE: AGGREGATE BASE COURSE, TYPE B WILL BE PLACED AT A THICKNESS OF 8" FROM STA. 10+10.00 TO STA. 11+00.00.



FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - EAST BOAT ACCESS AREA NEWTON LAKE STATE FISH AND WILDLIFE AREA			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Li:\DDT\1106610\W0.13\Draw\4400.Sheets\46255.Typical Section - East-1.dgn	46255.Typical Section - East-1.dgn	DRAWN - RAH	REVISED -		N/A	PARKS ROADS	JASPER	66	44			
Default	PLOT SCALE = 8.0000' / 1"	CHECKED - JMM	REVISED -		SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 46255				
	PLOT DATE = 3/29/2013	DATE - 3/29/2013	REVISED -		ILLINOIS FED. AID PROJECT							



*NOTE: DEPOSIT RIPRAP ALONG NORTH PARKING LOT SLOPE FOR LAKE BANK EROSION PROTECTION AS SHOWN ON THE PLANS. FILTER FABRIC TO BE PLACED ON BANK PRIOR TO DEPOSITING RIPRAP.

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - EAST BOAT ACCESS AREA NEWTON LAKE STATE FISH AND WILDLIFE AREA			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1007\1185618\10.13\0-a\10400.Sheets\046255.Typical Section - East-2.dgn	Brian Bond	RAH			N/A	PARKS ROADS	JASPER	66	45			
Default	PLOT SCALE :	CHECKED :	REVISED :		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 46255	
	PLOT DATE :	DATE :	REVISED :								ILLINOIS FED. AID PROJECT	

DATE	
BY	
PROJECT	
PLANT	
NOTE BOOK	
NO.	
FILE NAME	

DATE	
BY	
PROJECT	
PROFILE	
NOTE BOOK	
NO.	
FILE NAME	

GRADING AND SHAPING DITCHES, 25 L.F. (GRADE FROM PROPOSED F.E.S. TO EXIST. DITCH LINE)

STONE RIPRAP, CLASS A3
7 SO. YD.

PIPE CULVERT, CLASS A, TYPE 1 15"
68 L.F. @ 0.50%
T.B.F. = 10 CU. YD.

BEGIN IMPROVEMENTS
STA. 10+10.00

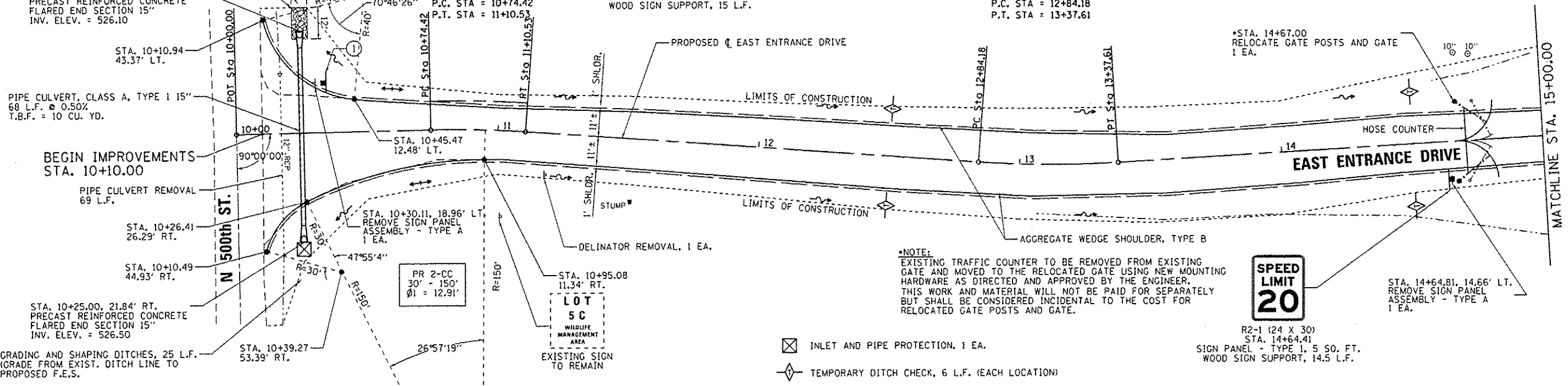
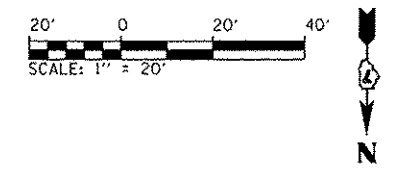
PIPE CULVERT REMOVAL
69 L.F.

GRADING AND SHAPING DITCHES, 25 L.F. (GRADE FROM EXIST. DITCH LINE TO PROPOSED F.E.S.)

PROP. CL EAST ENTRANCE ROAD
CURVE 1 DATA
PI STA. = 10+92.49
 $\Delta = 5^\circ 10' 24''$ (RT)
D = 14' 19' 26"
R = 400.00'
T = 18.07'
L = 36.12'
E = 0.41'
 $\theta =$ N.C.
P.C. STA = 10+74.42
P.T. STA = 11+10.53

STOP
R1-1 (36 X 36)
STA. 10+33.58
SIGN PANEL - TYPE 1, 9 SO. FT.
WOOD SIGN SUPPORT, 15 L.F.

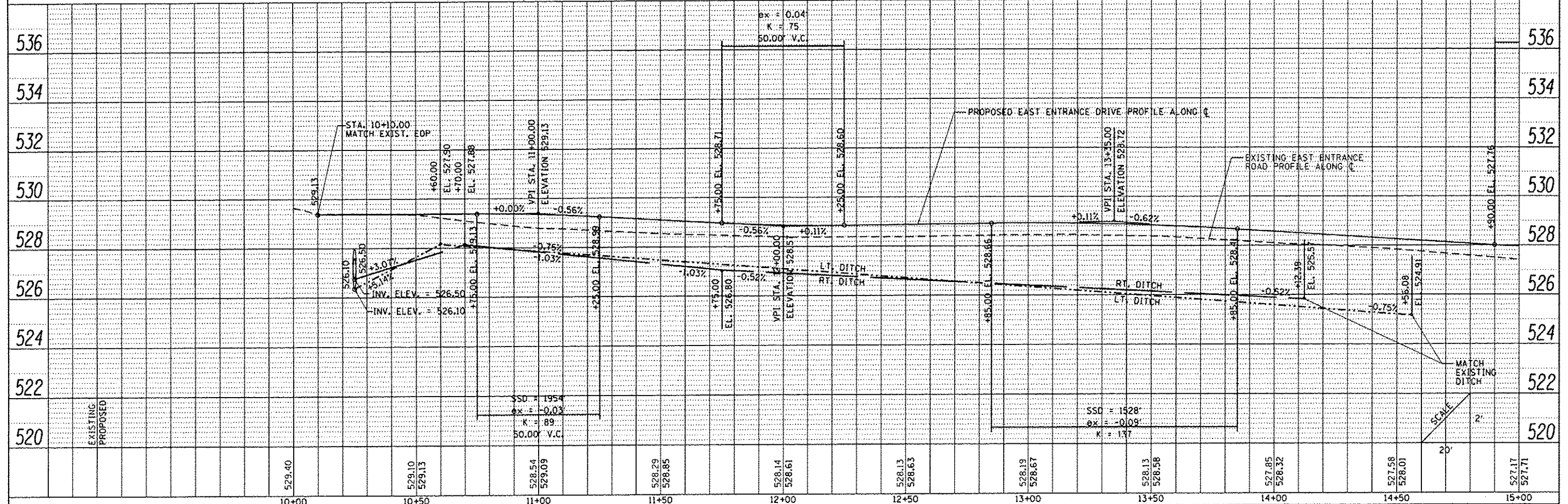
PROP. CL EAST ENTRANCE ROAD
CURVE 2 DATA
PI STA. = 13+10.94
 $\Delta = 7^\circ 39' 13''$ (LT)
D = 14' 19' 26"
R = 400.00'
T = 26.76'
L = 53.43'
E = 0.89'
 $\theta =$ N.C.
P.C. STA = 12+84.18
P.T. STA = 13+37.61



*NOTE:
EXISTING TRAFFIC COUNTER TO BE REMOVED FROM EXISTING GATE AND MOVED TO THE RELOCATED GATE USING NEW MOUNTING HARDWARE AS DIRECTED AND APPROVED BY THE ENGINEER. THIS WORK AND MATERIAL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE COST FOR RELOCATED GATE POSTS AND GATE.

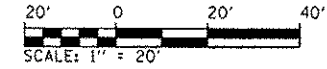
SPEED LIMIT 20

- ☒ INLET AND PIPE PROTECTION, 1 EA.
- ⬠ TEMPORARY DITCH CHECK, 6 L.F. (EACH LOCATION)



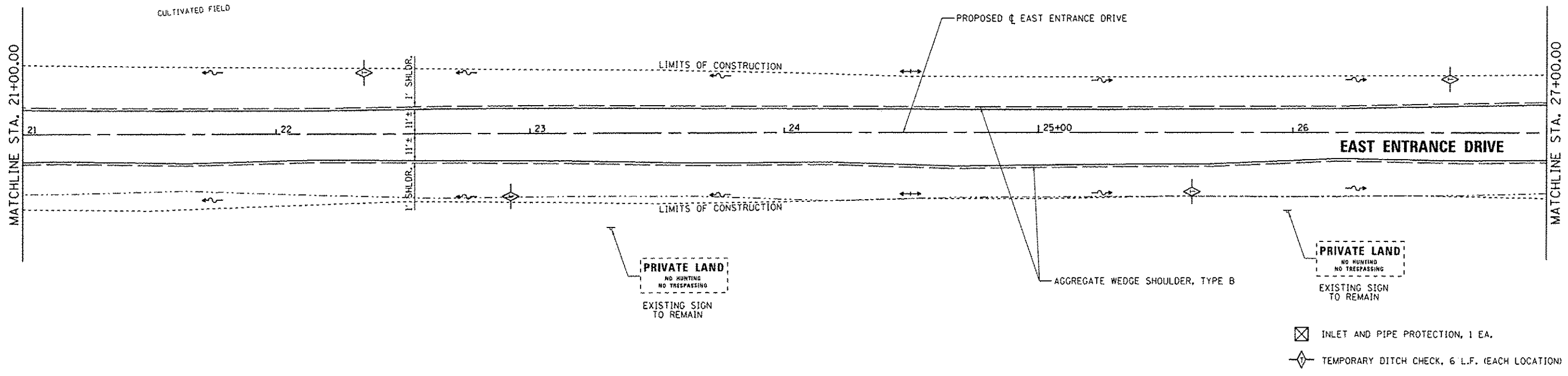
FILE NAME:	USER NAME: Brian Bond	DESIGNED: BMB	REVISED:	EAST ENTRANCE DRIVE - PLAN & PROFILE SHEET		F.A. RTE.:	SECTION:	COUNTY:	TOTAL SHEET NO.:
Default	2255_PMP_East_025.dgn	DRAWN: RAH	REVISED:	NEWTON LAKE STATE FISH AND WILDLIFE AREA		N/A	PARKS ROADS	JASPER	66 46
	PLOT SCALE: 48.0000' / in.	CHECKED: JMM	REVISED:	SCALE: AS NOTED SHEET 1 OF 5 SHEETS STA. 10+00 TO STA. 15+00					CONTRACT NO. 46255
	PLOT DATE: 3/29/2013	DATE: 3/29/2013	REVISED:						ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

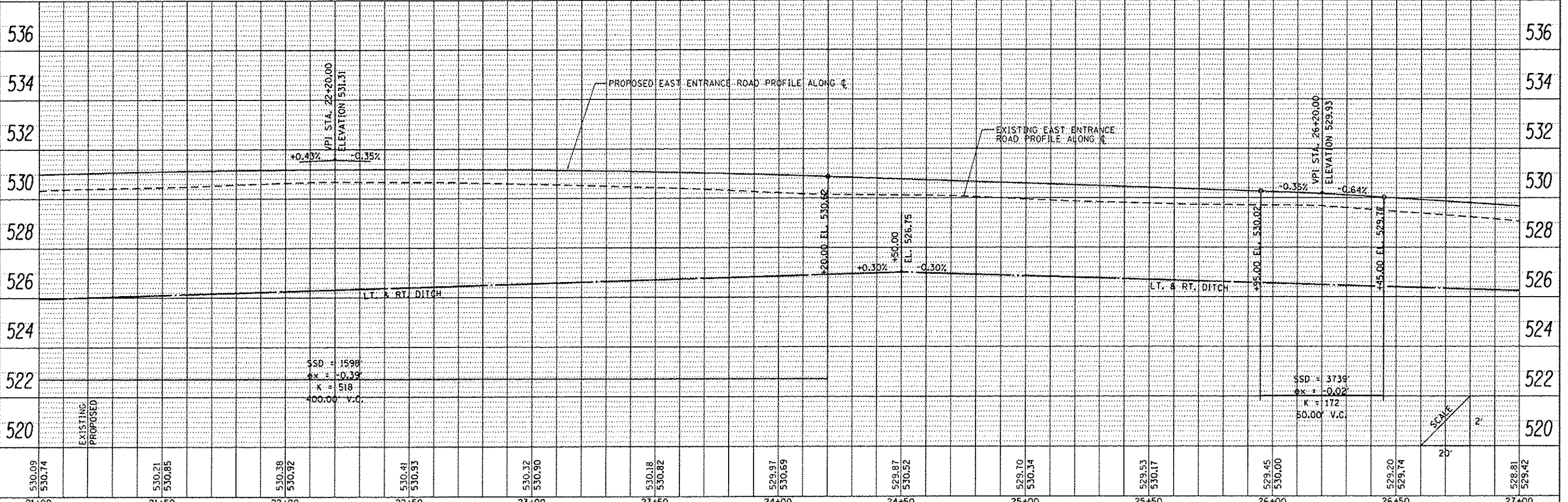


TALL PRAIRIE GRASS

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
PROJECT	
NO.	



DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
PROJECT	
NO.	



530.09 530.74	21+00	530.21 530.85	21+50	530.38 530.92	22+00	530.41 530.93	22+50	530.32 530.90	23+00	530.18 530.82	23+50	529.97 530.69	24+00	529.87 530.52	24+50	529.70 530.34	25+00	529.53 530.17	25+50	529.45 530.00	26+00	529.20 529.74	26+50	528.81 529.42	27+00
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FILE NAME =	USER NAME = Brian Band	DESIGNED -	BMB	REVISED -	
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		DATE -	3/29/2013	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

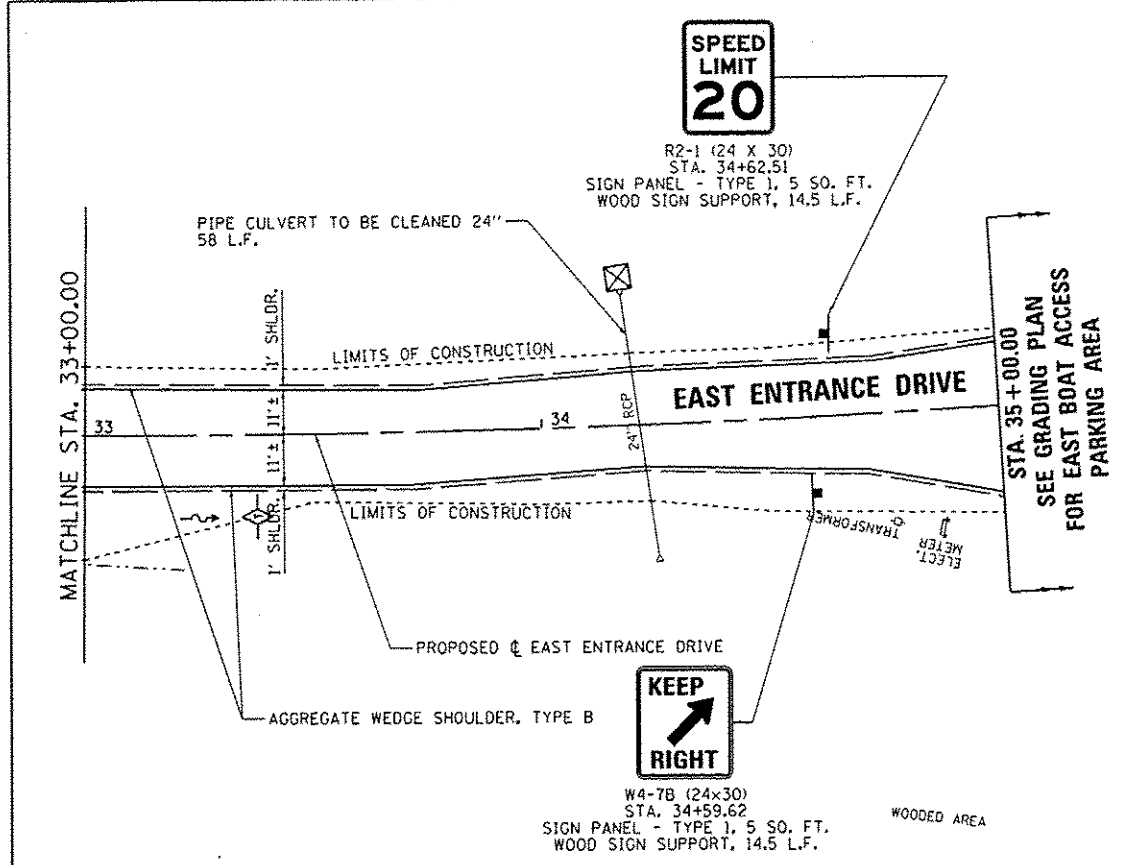
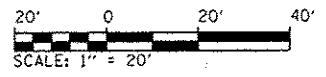
**EAST ENTRANCE DRIVE - PLAN & PROFILE SHEET
NEWTON LAKE STATE FISH AND WILDLIFE AREA**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	48
CONTRACT NO. 46255				
ILLINOIS FED. AID PROJECT				

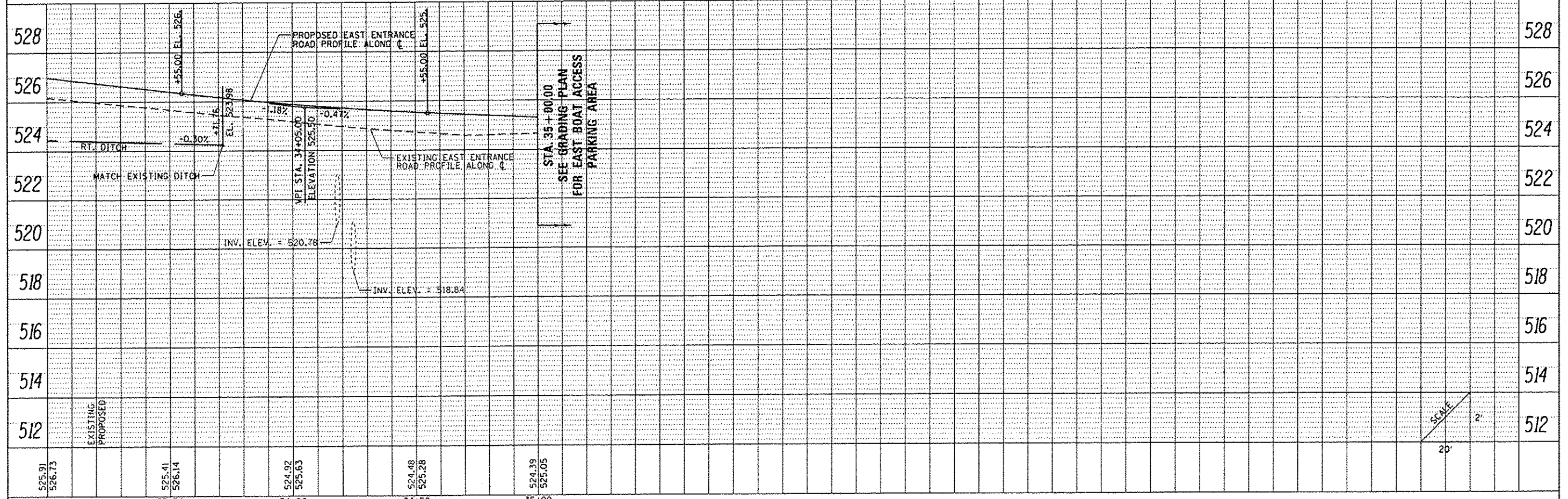
SCALE: SHEET OF SHEETS STA. TO STA.

PLAN	DATE
REVISED	
FILED	
CHECKED	
BY	
NO.	

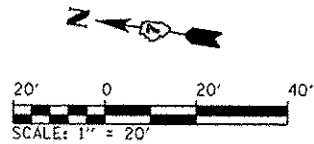
PROFILE	DATE
REVISED	
FILED	
CHECKED	
BY	
NO.	



- INLET AND PIPE PROTECTION, 1 EA.
- TEMPORARY DITCH CHECK, 6 L.F. (EACH LOCATION)



FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST ENTRANCE DRIVE - PLAN & PROFILE SHEET NEWTON LAKE STATE FISH AND WILDLIFE AREA	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\IDOT\1186618\WD-13\DR-00\CAD00.Sheets\07	6255_PMP East 00.dgn	DRAWN :	REVISED :			N/A	PARKS ROADS	JASPER	66	50	
Default	PLOT SCALE = 40.0000' / 1"	CHECKED :	REVISED :			CONTRACT NO. 46255					
	PLOT DATE = 3/29/2013	DATE :	REVISED :			ILLINOIS FED. AID PROJECT					



REMOVE SIGN PANEL ASSEMBLY - TYPE A
1 EACH

ELECT. METER
TRANSFORMER

PROP. & EAST ENT. ROAD
CURVE 7 DATA
PI STA. = 35+74.16
 $\Delta = 37^\circ 37' 08''$ (RT)
D = 57' 17' 45"
R = 100.00'
T = 34.06'
L = 65.66'
E = 5.64'
e = N.C.
P.C. STA = 35+40.10
P.T. STA = 36+05.76

REMOVE EXISTING RIPRAP
107 SQ. YD.
FILL EXCAVATION WITH AGGREGATE
BASE COURSE TYPE B, 8" PRIOR
TO HMA RESURFACING
(SEE TYPICAL DETAILS)

HMA SURFACE COURSE, MIX "C", NSO 1 3/4"
HMA BINDER COURSE, IL 19.0, NSO, VARIABLE DEPTH

PROPOSED AGGREGATE
SHOULDERS, TYPE B

REMOVE EXISTING DELINEATOR POSTS (TYP.)
8 EACH



REMOVE SIGN PANEL ASSEMBLY - TYPE A
1 EACH



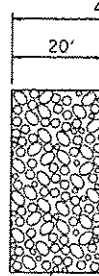
REMOVE SIGN PANEL ASSEMBLY - TYPE A
2 EACH

BEGIN BOLLARDS
STA. 38+65

PROPOSED BOLLARDS
68 EACH

3' SHLDR.
(TYP.)

NEWTON LAKE



P.O.T. Sta 41+50.00

STA. 40+11.99
50.17' LT.

STA. 40+55.49
41.33' LT.

STA. 40+75.00
56.83' LT.

END BOLLARDS
STA. 40+74

DEPOSIT RIPRAP FROM ISLAND
REMOVAL ALONG NORTH BANK.
EXACT LIMITS / LOCATION TO
BE DETERMINED BY THE ENGINEER.
FILTER FABRIC, 267 SQ. YD.

EXISTING RIPRAP
TO REMAIN

BOAT RAMP
CONC.

REMOVE EXISTING RIPRAP
71 SQ. YD.
FILL EXCAVATION WITH AGGREGATE
BASE COURSE TYPE B, 8" PRIOR
TO HMA RESURFACING
(SEE TYPICAL DETAILS)

EARTH EXCAVATION (REMOVAL
OF A3 SURFACE TREATMENT &
AGGREGATE BASE)
217 CU. YD.

STA. 39+14.00
40.38' LT.

STA. 38+50.00
9.00' LT.

STA. 38+75.00

PAVEMENT REMOVAL
252 SQ. YD.

STA. 38+22.06, 9.00' LT.

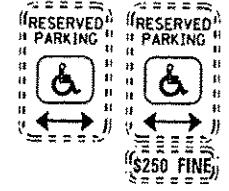
STA. 38+22.06, 59.29' LT.

FULL-DEPTH SAWCUT
PRIOR TO REMOVAL

P.T. Sta 37+56.66

1' SHLDR. (TYP.)

PROPOSED AGGREGATE
SHOULDERS, TYPE B



REMOVE SIGN PANEL ASSEMBLY - TYPE A
2 EACH

SIDEWALK REMOVAL 24 SQ. FT.
PORTLAND CEMENT CONCRETE
SIDEWALK, 6 INCH 24 SQ. FT.
DETECTABLE WARNINGS 10 SQ. FT.

FULL-DEPTH SAWCUT
PRIOR TO REMOVAL

PROP. & EAST ENTRANCE ROAD
CURVE B DATA
PI STA. = 37+47.31
 $\Delta = 59^\circ 33' 42''$ (RT)
D = 286' 28' 44"
R = 20.00'
T = 11.45'
L = 20.79'
E = 3.04'
e = N.C.
P.C. STA = 37+35.87
P.T. STA = 37+56.66

NOTES:

- SEE PAVEMENT MARKING PLANS FOR ADDITIONAL IMPROVEMENTS.
- SEE LIGHTING AND ELECTRICAL PLANS FOR ADDITIONAL IMPROVEMENTS

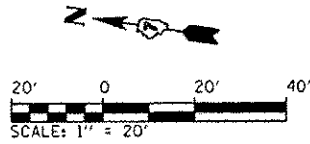
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Default	PLOT SCALE = 48.0000' / in.	DRAWN - RAH	REVISED -
	PLOT DATE = 3/29/2013	CHECKED - JMM	REVISED -
		DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITE IMPROVEMENTS PLAN - EAST BOAT ACCESS AREA
NEWTON LAKE STATE FISH AND WILDLIFE AREA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	51
			CONTRACT NO. 46255	
ILLINOIS FED. AID PROJECT				



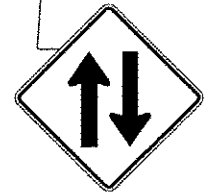
R4-7B (24x30)
STA. 34+59.62
SIGN PANEL - TYPE 1, 5 SQ. FT.
WOOD SIGN SUPPORT, 14.5 L.F.



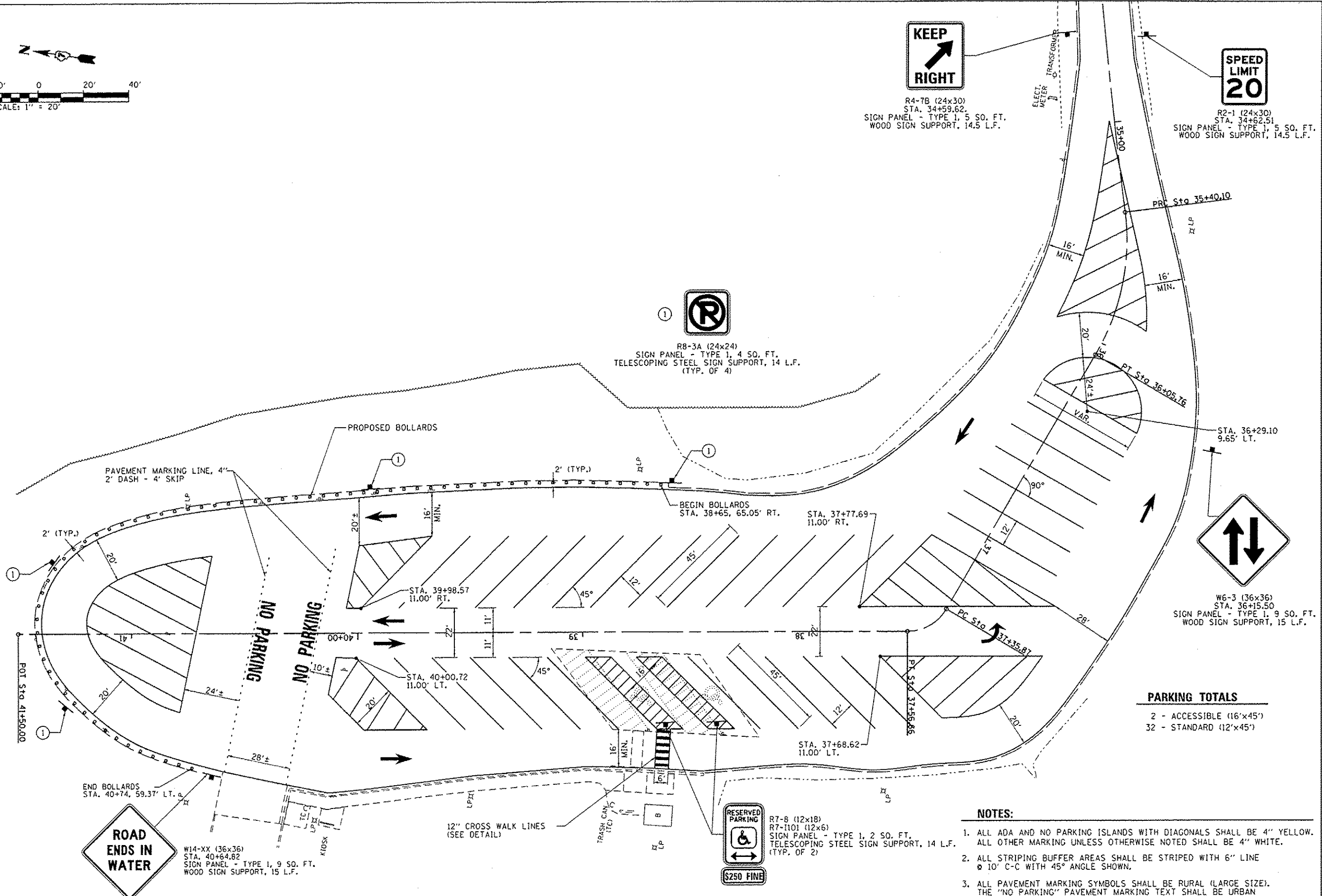
R2-1 (24x30)
STA. 34+62.51
SIGN PANEL - TYPE 1, 5 SQ. FT.
WOOD SIGN SUPPORT, 14.5 L.F.



R8-3A (24x24)
SIGN PANEL - TYPE 1, 4 SQ. FT.
TELESCOPING STEEL SIGN SUPPORT, 14 L.F.
(TYP. OF 4)



W6-3 (36x36)
STA. 36+15.50
SIGN PANEL - TYPE 1, 9 SQ. FT.
WOOD SIGN SUPPORT, 15 L.F.



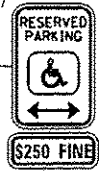
PARKING TOTALS

2 - ACCESSIBLE (16'x45')
32 - STANDARD (12'x45')

- NOTES:**
1. ALL ADA AND NO PARKING ISLANDS WITH DIAGONALS SHALL BE 4" YELLOW. ALL OTHER MARKING UNLESS OTHERWISE NOTED SHALL BE 4" WHITE.
 2. ALL STRIPING BUFFER AREAS SHALL BE STRIPED WITH 6" LINE @ 10' C-C WITH 45° ANGLE SHOWN.
 3. ALL PAVEMENT MARKING SYMBOLS SHALL BE RURAL (LARGE SIZE). THE "NO PARKING" PAVEMENT MARKING TEXT SHALL BE URBAN (SMALL SIZE).



W14-XX (36x36)
STA. 40+64.82
SIGN PANEL - TYPE 1, 9 SQ. FT.
WOOD SIGN SUPPORT, 15 L.F.



R7-8 (12x18)
R7-1101 (12x6)
SIGN PANEL - TYPE 1, 2 SQ. FT.
TELESCOPING STEEL SIGN SUPPORT, 14 L.F.
(TYP. OF 2)

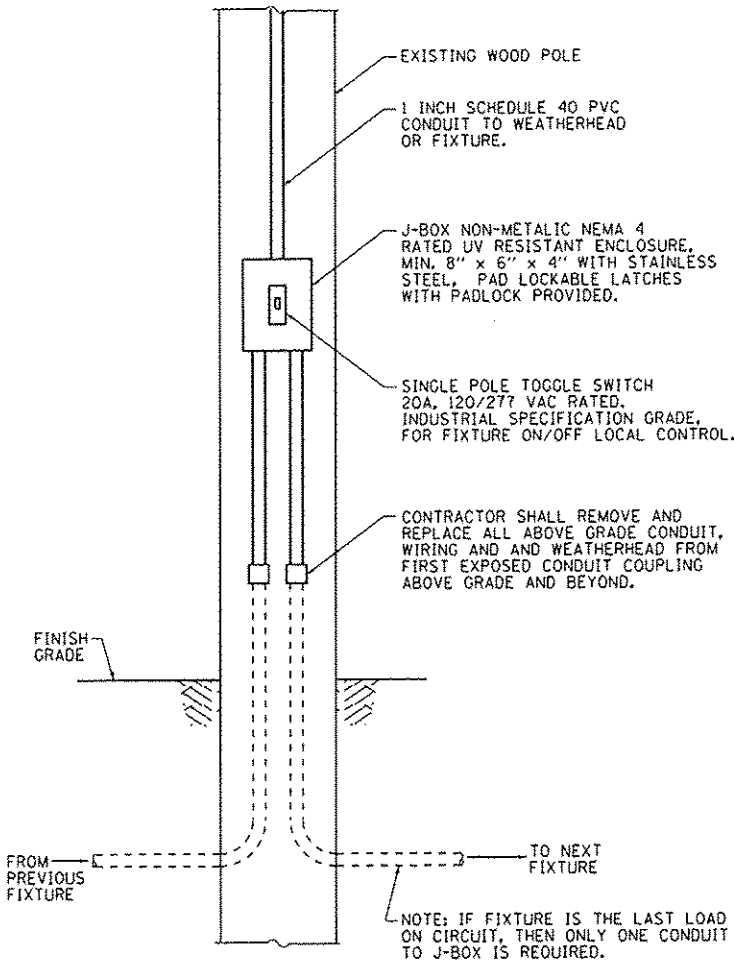
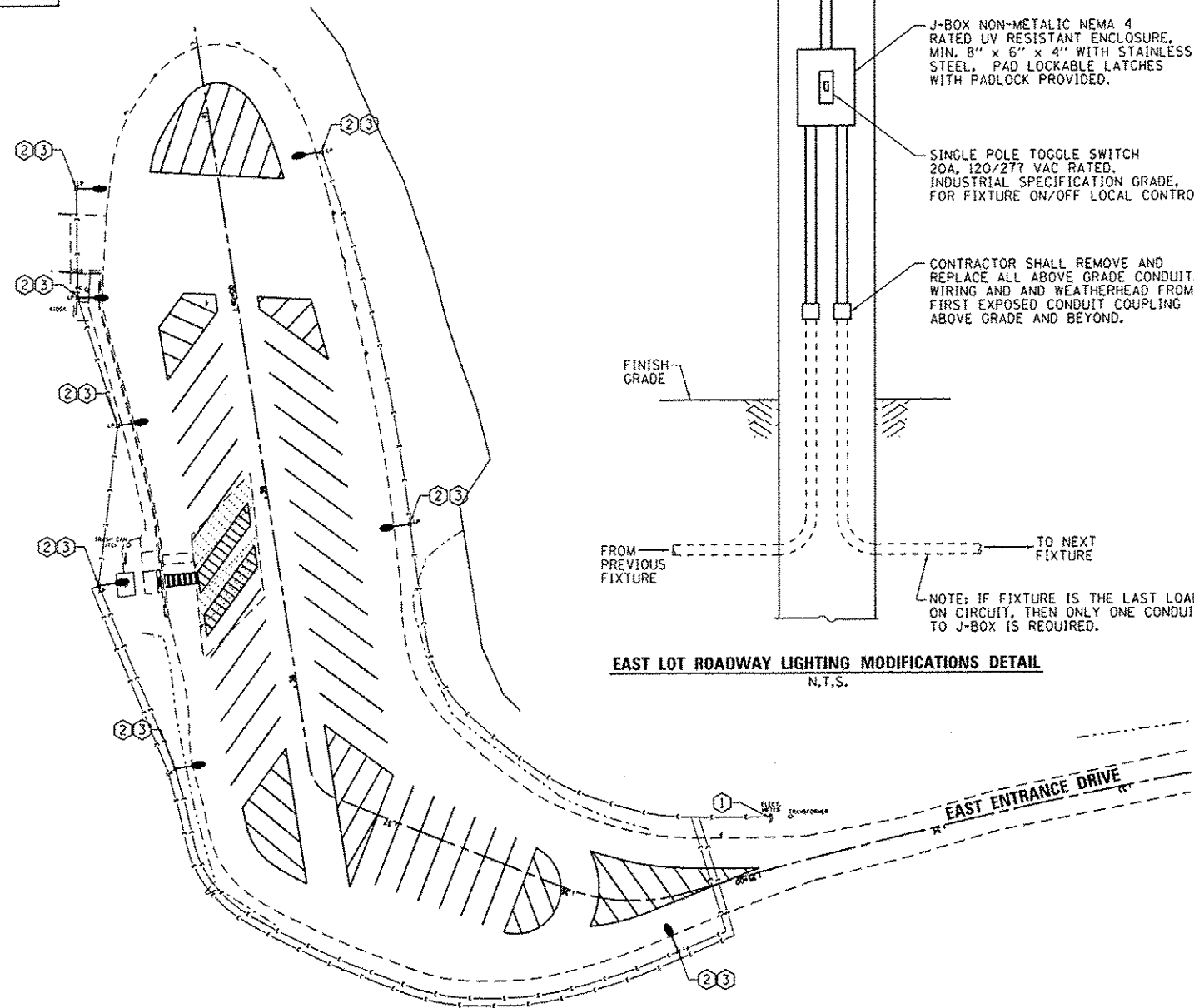
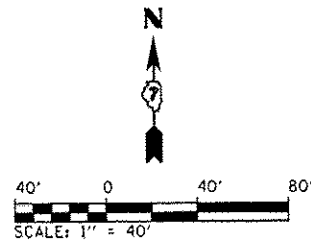
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L:\1007\1106610\VD\1310-CADD\Sheets\46255_PVT MK Plan - East.dgn	Brian Bond	BMB	
Default	PLT SCALE :	CHECKED -	REVISED -
	48.0000' / in.	JMM	
	PLT DATE :	DATE -	REVISED -
	3/29/2013	3/29/2013	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN - EAST BOAT ACCESS AREA
NEWTON LAKE STATE FISH AND WILDLIFE AREA

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	53
CONTRACT NO. 46255			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



EAST LOT ROADWAY LIGHTING MODIFICATIONS DETAIL
N.T.S.

GENERAL NOTES:

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY ALL ELECTRICAL EQUIPMENT LOCATIONS AND DIMENSIONS PRIOR TO ORDERING AND INSTALLING.
2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA70 (NATIONAL ELECTRIC CODE, MOST CURRENT ISSUE), THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATION'S WHICH WOULD VOID THE U.L. LISTINGS (OR THIRD PARTY LISTINGS) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE WILL NOT BE PERMITTED.
3. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A ONETIME NIGHTTIME SIGHT VISIT TO RE-AIM AS MANY LIGHT FIXTURES AS DEEMED NECESSARY BY THE ENGINEER.
4. THE CONTRACTOR SHALL NOT REMOVE ANY OF THE EXISTING LIGHT FIXTURES UNTIL THE NEW UNITS ARE AVAILABLE. THE UNITS SHALL BE REPLACED IN SUCH A MANNER THAT ALL THE LIGHT FIXTURES (EXISTING AND NEW) ARE IN OPERATION DURING EACH NIGHT.

KEYED NOTES:

- ① EXISTING UTILITY SERVICE ENTRANCE, METER, TWO EACH 30AMP DISCONNECT SWITCH FOR SITE LIGHTING AND 30AMP DISCONNECT SWITCH FOR SITE CONVENIENCE RECEPTACLE TO REMAIN.
- ② EXISTING 400W HPS 240VAC COBRAHEAD TYPE LIGHT FIXTURE TO BE REMOVED. EXISTING 30 FOOT CLASS S TREATED WOOD LIGHT POLE WITH 4 FOOT MOUNTING ARM TO REMAIN. PROVIDE LED LUMINAIRE, 8700 LUMEN, INDIVIDUAL PHOTO-CELL CONTROLLED AT 30 FEET ABOVE FINISHED GRADE ON EXISTING MOUNTING ARM WITH ASSOCIATED HARDWARE. RECONNECT TO EXISTING CONDUCTORS. THIS WORK SHALL BE MEASURED AND PAID FOR AS "LUMINAIRE (SPECIAL)"- EACH
- ③ INSTALL NEW CONDUIT, JUNCTION BOX, CONDUCTORS, AND LOCAL CONTROL SWITCH AT EACH LIGHT POLE. SEE "EAST LOT LIGHTING CONTROL DETAIL" PLAN FOR FURTHER INFORMATION. THIS WORK SHALL BE MEASURED AND PAID FOR AS "ROADWAY LIGHTING MODIFICATIONS"- LUMP SUM.

FILE NAME :	USER NAME : Brian Bond	DESIGNED - BMB	REVISED -
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	PLOT DATE = 3/29/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

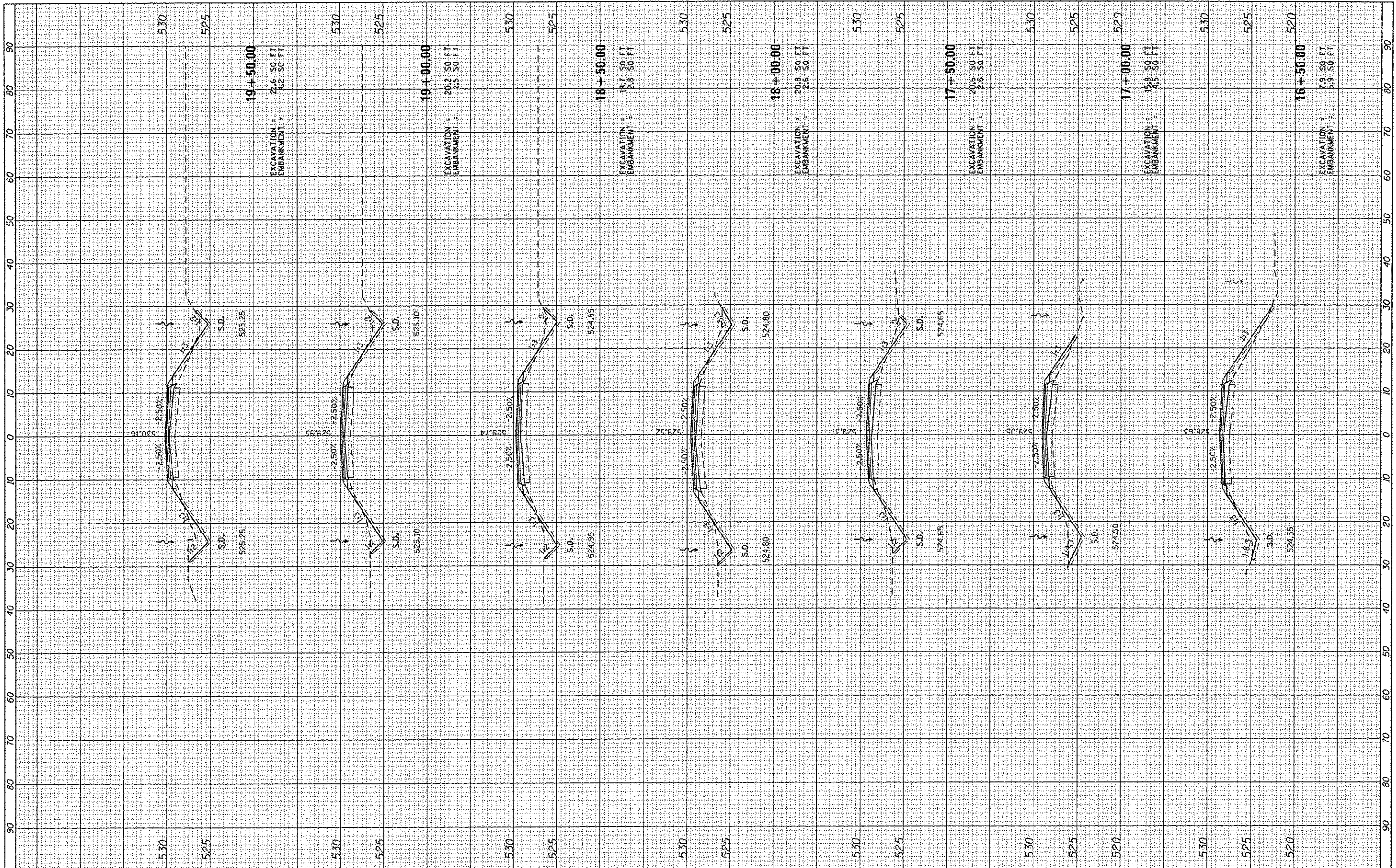
LIGHTING AND ELECTRICAL PLAN - EAST BOAT ACCESS AREA
NEWTON LAKE STATE FISH AND WILDLIFE AREA

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	54
			CONTRACT NO. 46255	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
NO. _____	BY _____
DATE _____	BY _____
NO. _____	BY _____
DATE _____	BY _____
NO. _____	BY _____
DATE _____	BY _____

ORIGINAL SURVEY	DATE
NO. _____	BY _____
DATE _____	BY _____
NO. _____	BY _____
DATE _____	BY _____
NO. _____	BY _____
DATE _____	BY _____



FILE NAME :	USER NAME : Brian Bond
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PLOT DATE : 3/29/2013	DATE : 3/29/2013

DESIGNED - BMB	REVISED -
DRAWN - BMB	REVISED -
CHECKED - JMM	REVISED -
DATE - 3/29/2013	REVISED -

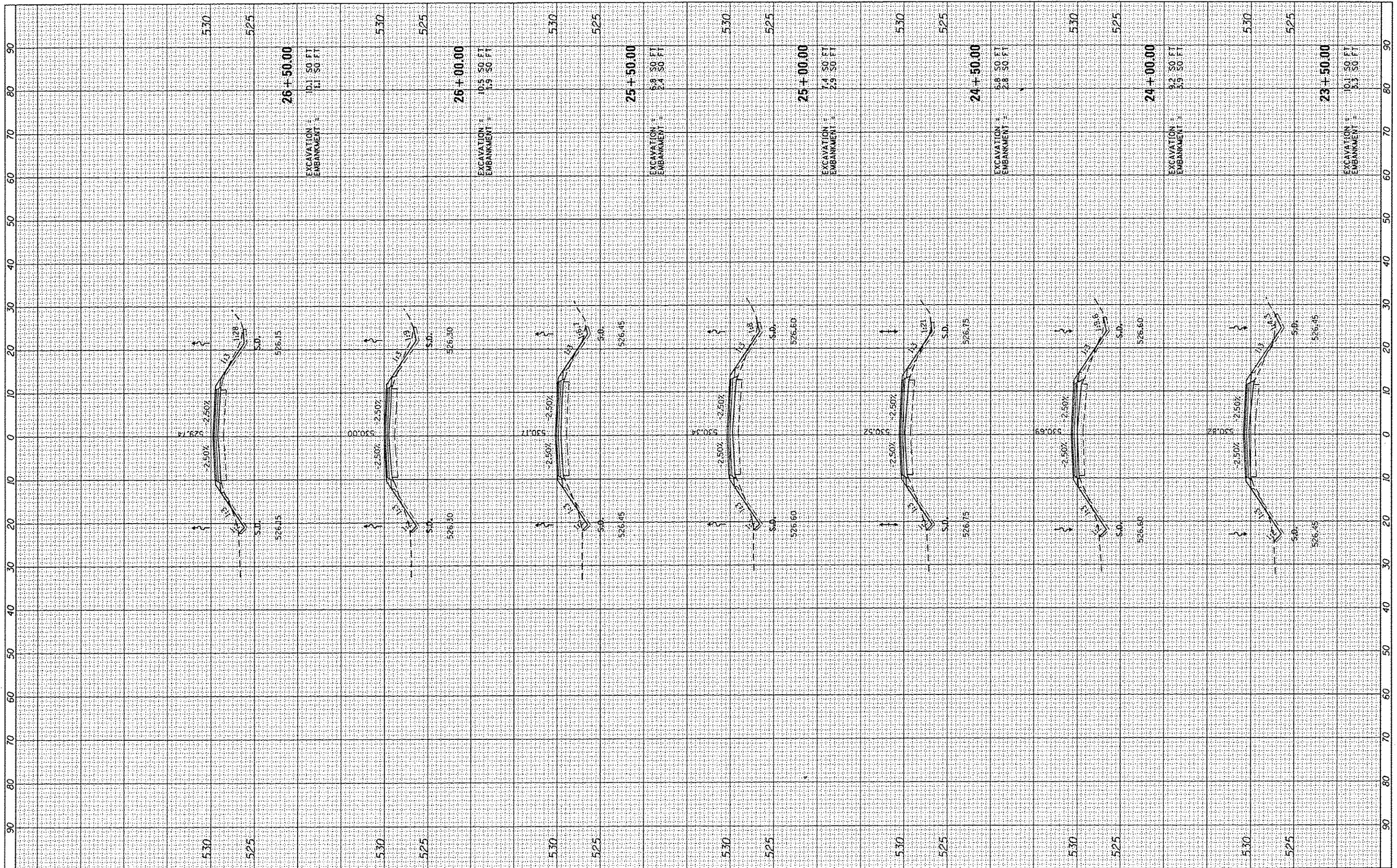
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

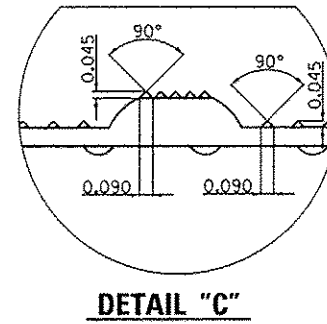
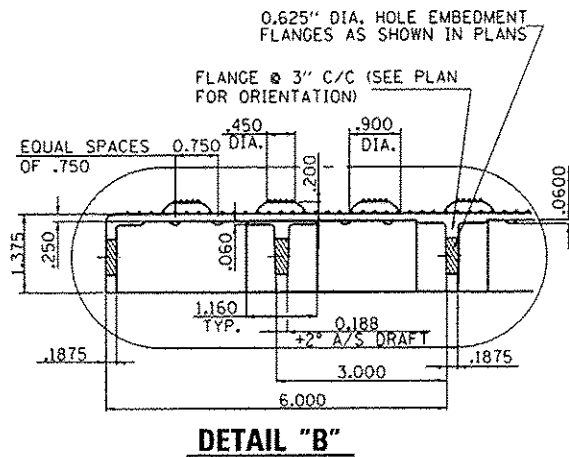
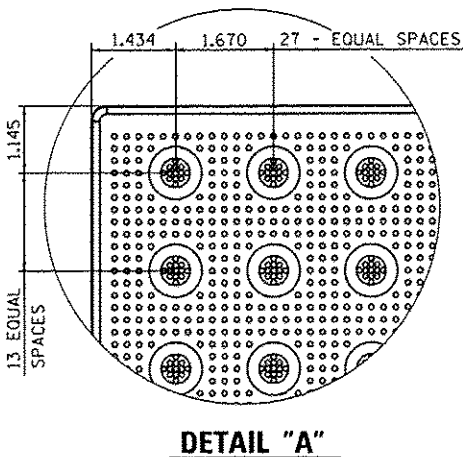
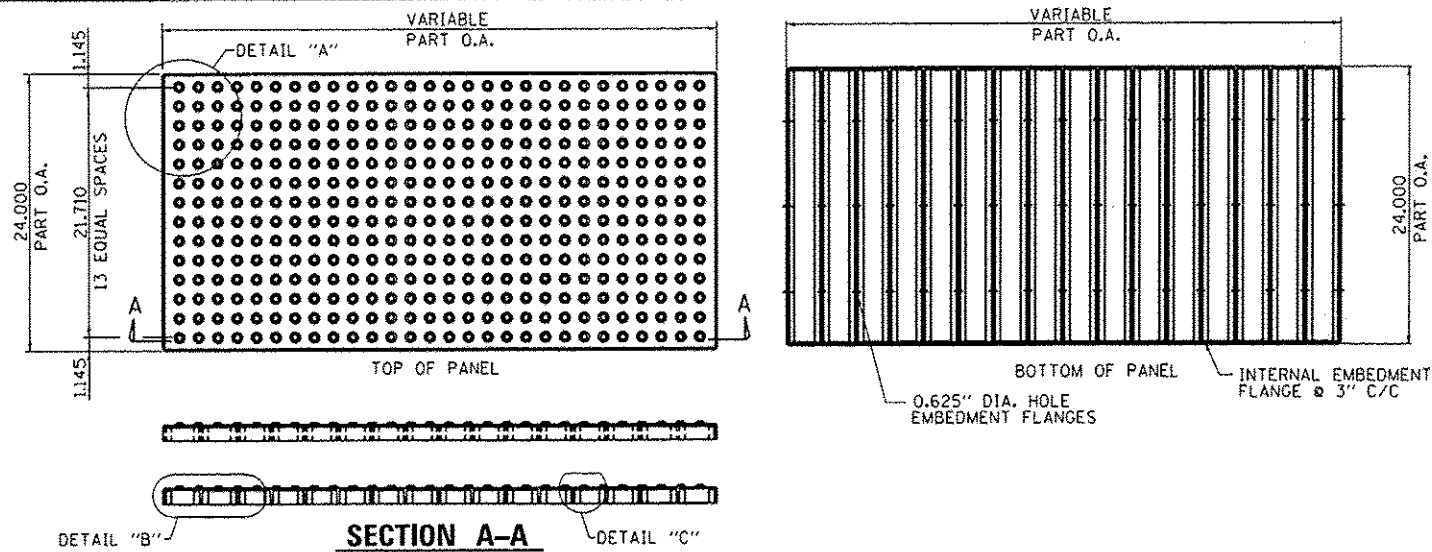
CROSS SECTIONS - EAST ENTRANCE DRIVE			
NEWTON LAKE STATE FISH AND WILDLIFE AREA			
SCALE:	SHEET	OF SHEETS	STA. 16+50.00 TO STA. 19+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARK ROADS	JASPER	56	57
				CONTRACT NO. 46255
ILLINOIS FED. AID PROJECT				

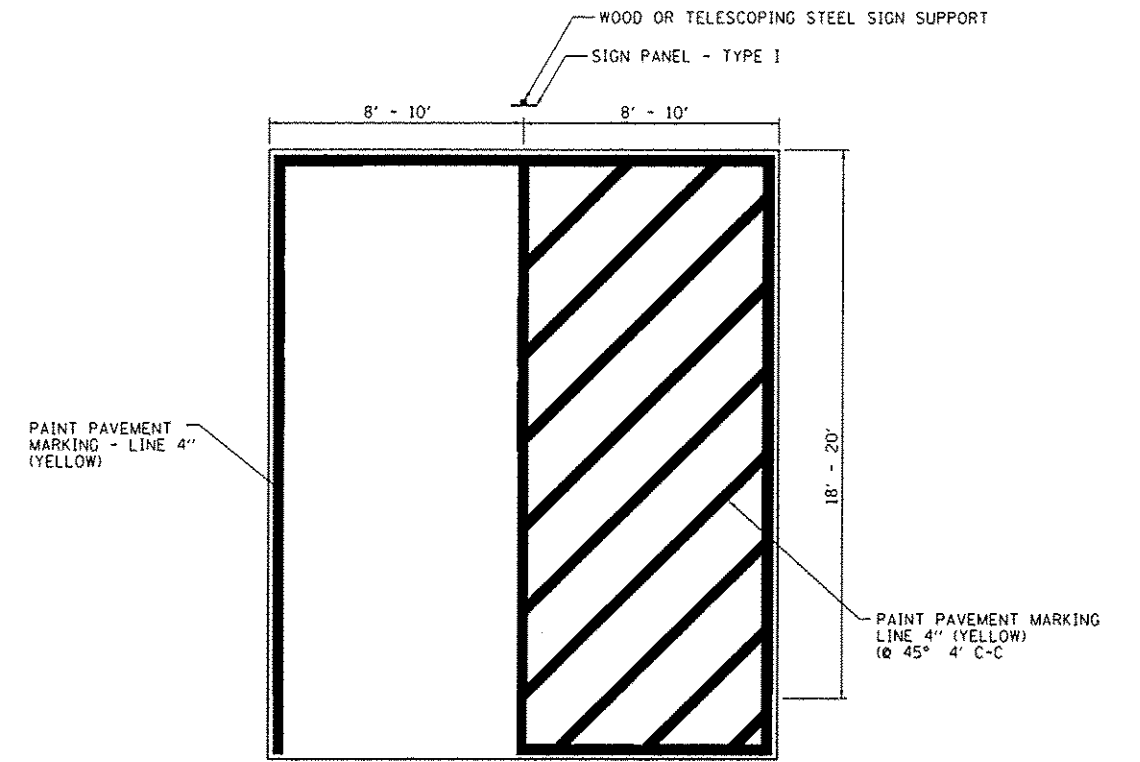
FINAL	DATE
SHEET	BY
NO.	
DATE	
BY	
NO.	
DATE	
BY	
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ORIGINAL	DATE
SHEET	BY
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DATE	
BY	
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DATE	
BY	
NO.	

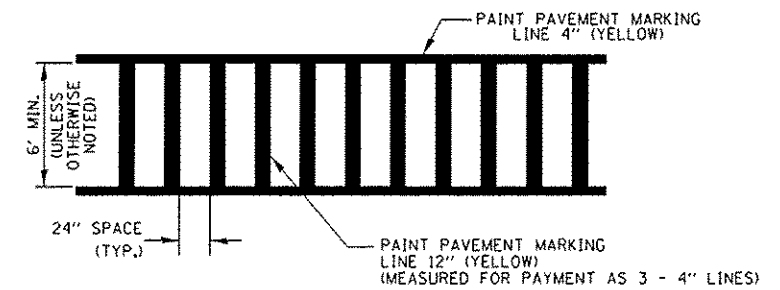




DETECTABLE WARNINGS

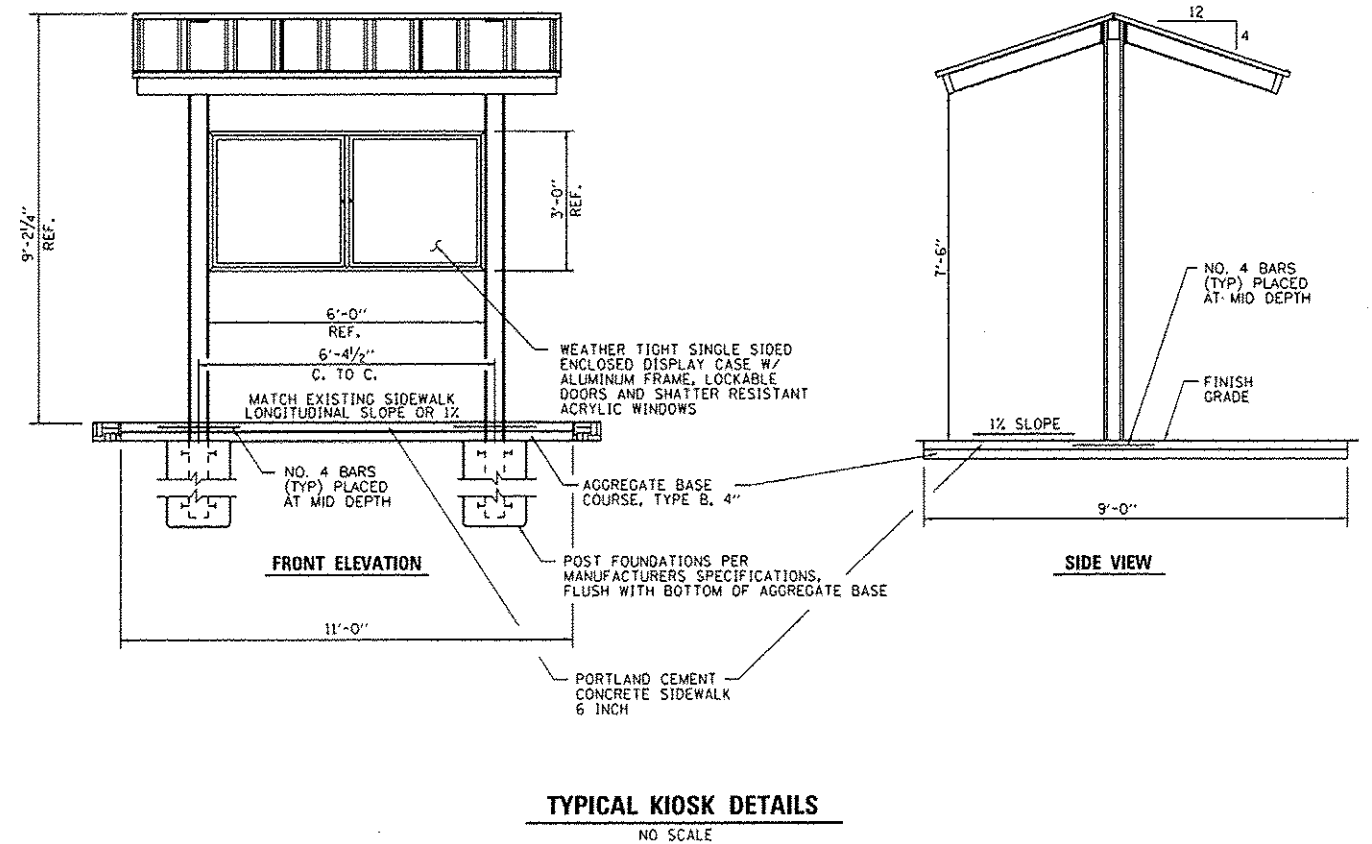
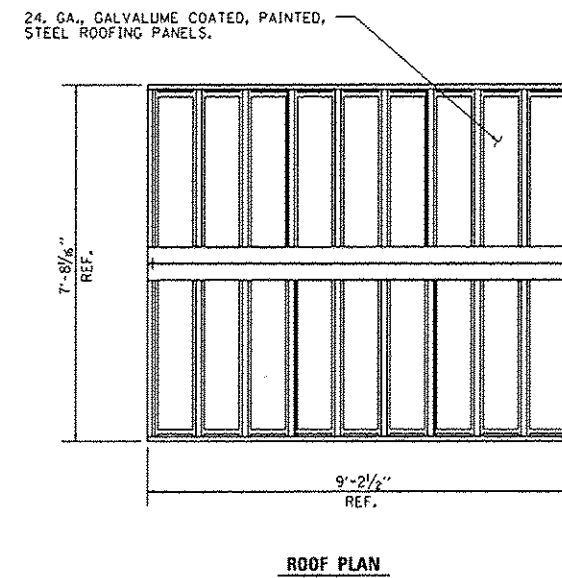
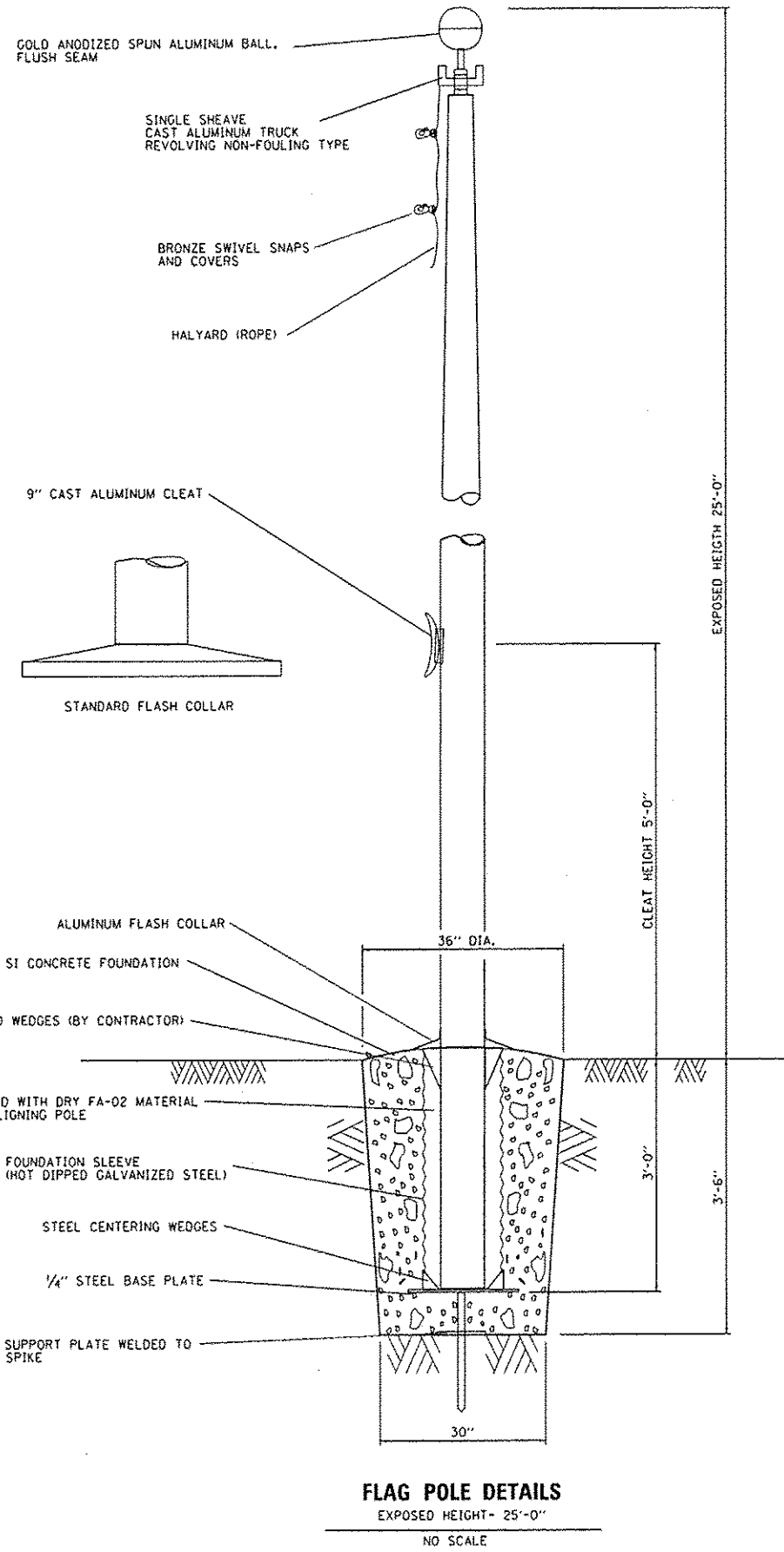


HANDICAP PARKING STRIPING



TYPICAL SPACING DETAIL FOR CROSSWALKS

FILE NAME : L:\1007\118CGIB\WD_13\1D-a\CA400_Sheets\46255_Details.dgn	USER NAME : Bryon Bond	DESIGNED - BMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAILS NEWTON LAKE STATE FISH AND WILDLIFE AREA				F.A. RTE. N/A	SECTION PARKS ROADS	COUNTY JASPER	TOTAL SHEETS 66	SHEET NO. 63
PLOT SCALE : 100.0000' / in.	CHECKED - JMM	REVISED -	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
PLOT DATE : 3/29/2013	DATE - 3/29/2013	REVISED -	REVISED -		CONTRACT NO. 46255								



- NOTES:
1. PROPOSED SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS (NO SLOPE SHALL EXCEED 2% IN ANY DIRECTION).
 2. EXPANSION JOINT MATERIAL AND REBAR SHALL BE PLACED AROUND THE KIOSK SUPPORTS WHERE THEY ARE ADJACENT TO THE PCC SIDEWALK (SEE DETAIL).
 3. ALL EXCAVATION, PCC SIDEWALK, AGGREGATE BASE COURSE, EXPANSION JOINT AND REBAR REQUIRED TO CONSTRUCT THE KIOSK, PCC SIDEWALK AND AGGREGATE BASE COURSE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE INFORMATION KIOSK COMPLETE.

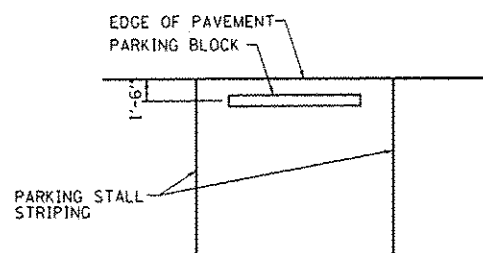
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

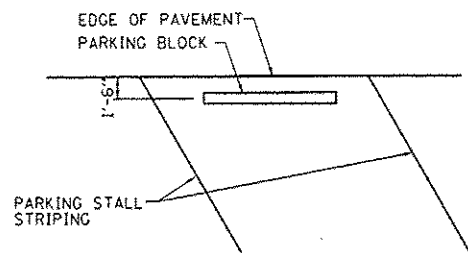
MISCELLANEOUS DETAILS
NEWTON LAKE STATE FISH AND WILDLIFE AREA

SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.
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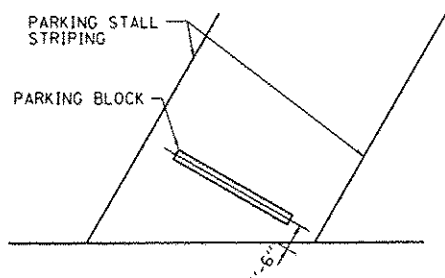
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	64
CONTRACT NO. 46255				
ILLINOIS FED. AID PROJECT				



ORIENTATION #1

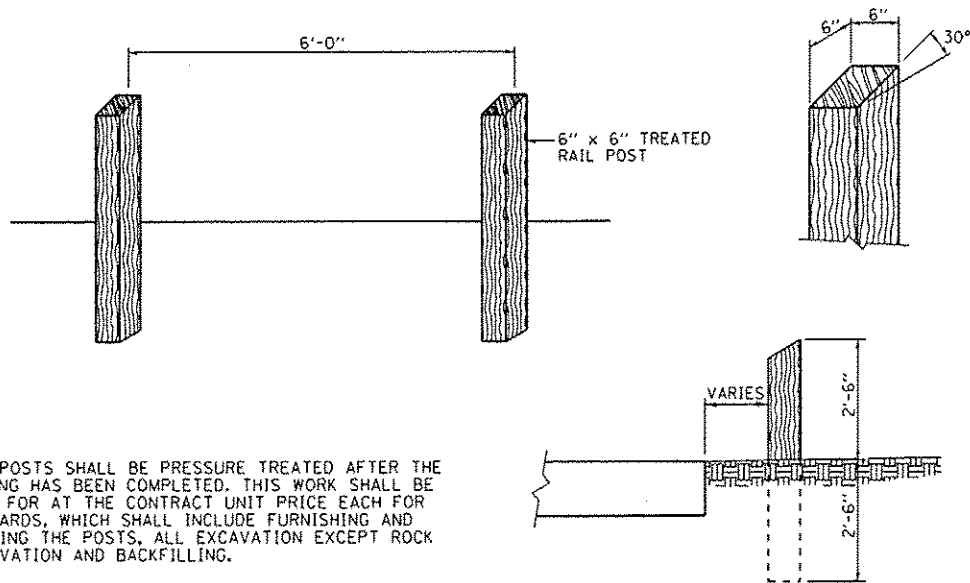
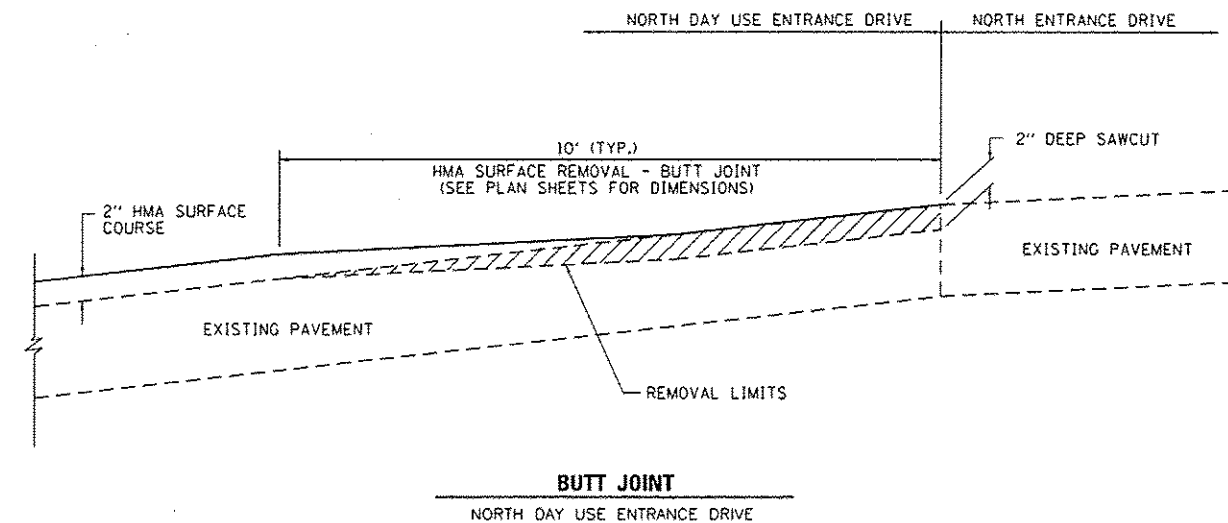


ORIENTATION #2



ORIENTATION #3

TYPICAL PARKING BLOCK PLACEMENT



THE POSTS SHALL BE PRESSURE TREATED AFTER THE SAWING HAS BEEN COMPLETED. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR BOLLARDS, WHICH SHALL INCLUDE FURNISHING AND SETTING THE POSTS, ALL EXCAVATION EXCEPT ROCK EXCAVATION AND BACKFILLING.

WOOD BOLLARDS

FILE NAME :	USER NAME :	DESIGNED -	REVISED -
L:\1007\H86018\WD.13\Draw\CA00.Sheets\046255.Details.dgn	Brian Bond	BMB	-
		DRAWN -	REVISED -
		RAH	-
		CHECKED -	REVISED -
		JMM	-
		DATE -	REVISED -
		3/29/2013	-
PLOT SCALE :	PLOT DATE :		
100.0000 1/ in.	3/29/2013		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
NEWTON LAKE STATE FISH AND WILDLIFE AREA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	66
CONTRACT NO. 46255				
ILLINOIS FED. AID PROJECT				

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