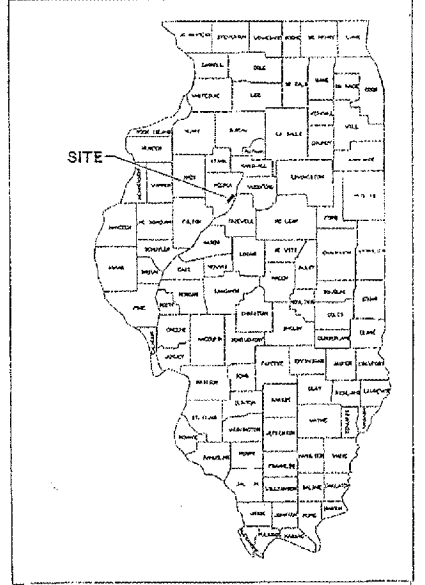


CONSTRUCTION PLANS FOR THE SPRINGDALE CEMETERY ROADWAYS IMPROVEMENT

CITY OF PEORIA, IL

SECTION: 06-00314-00-RS
PROJECT: HD-5093(133)
PEORIA COUNTY
C-94-013-07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



INDEX OF SHEETS

- 1 COVER SHEET - LIST OF STANDARDS
- 2 GENERAL NOTES
- 3 TYPICAL SECTIONS
- 4 SUMMARY OF QUANTITIES
- 5-6 SCHEDULE OF QUANTITIES
- 7 KEY SHEET
- 8-13 PLAN AND PROFILE SHEETS
- 14-19 CROSS SECTIONS

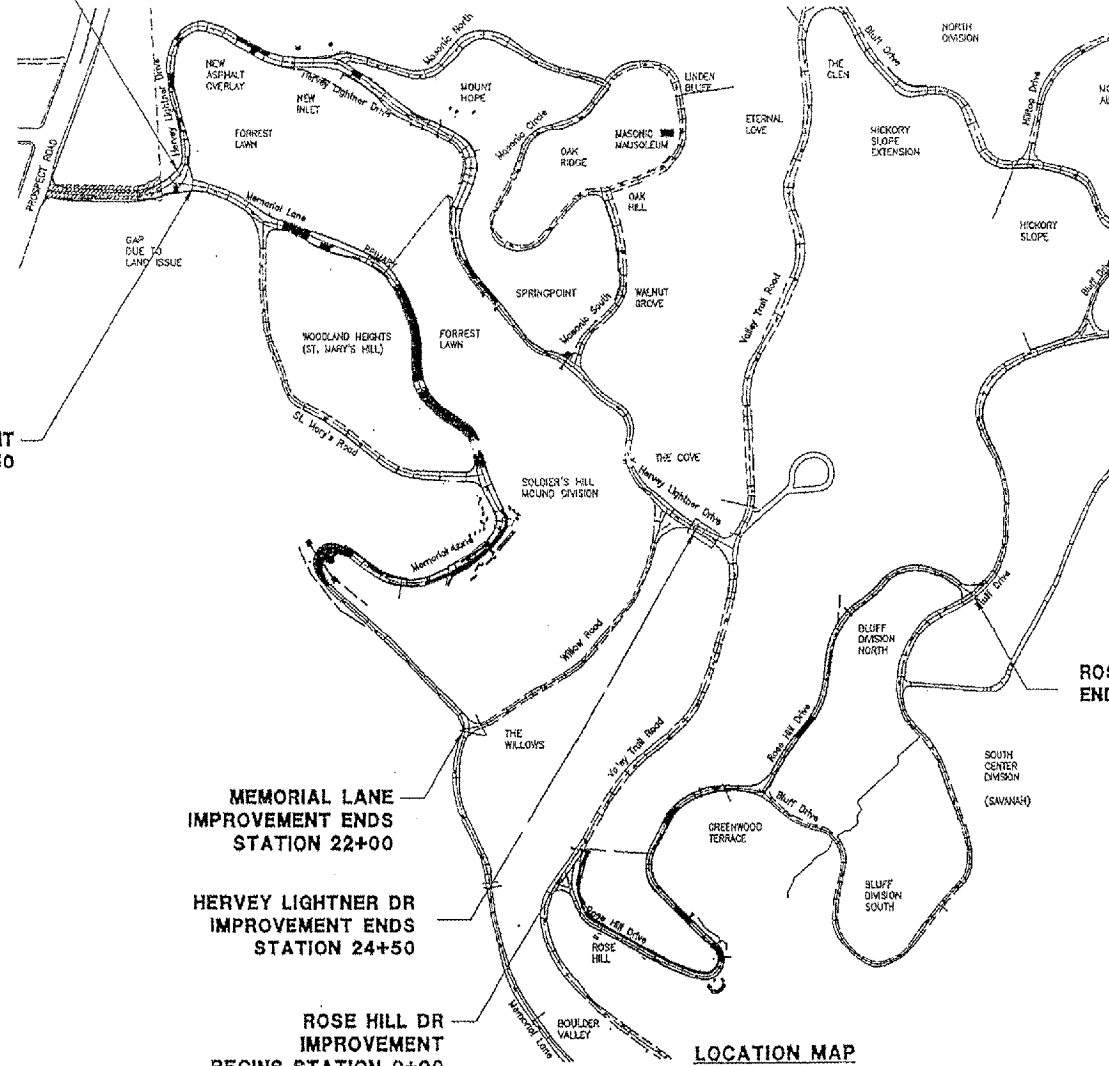
HIGHWAY STANDARDS

- 000001-05 - STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 280001-04 - TEMPORARY EROSION CONTROL SYSTEMS
- 542301-01 - PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542401 - METAL END SECTION FOR PIPE CULVERTS
- 602301-01 - INLET TYPE A
- 602401-01 - MANHOLE TYPE A
- 602701-01 - CAST IRON STEPS
- 604045-01 - FRAME AND GRATE TYPE 10
- 606001-03 - CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606101-03 - TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
- 606201-01 - TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
- 606301-03 - PCC ISLANDS AND MEDIANS
- 701501-04 - URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901 - TRAFFIC CONTROL DEVICES

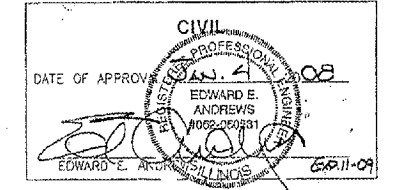
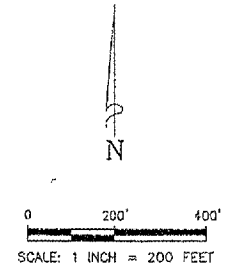
HERVEY LIGHTNER DR IMPROVEMENT
BEGINS STATION 3+00

MEMORIAL LANE IMPROVEMENT
BEGINS STATION 0+50

ROSE HILL DR IMPROVEMENT
ENDS STATION 18+90



LOCATION MAP



AGENCY RESPONSIBLE FOR LETTING

APPROVED 1-4 2008
Joe Hain
City of Peoria, City Engineer

PASSED 1-7 2008
Del C. Paul
District 4 Engineer of Local Roads & Streets

RELEASING FOR BID
BASED ON LIMITED
REVIEW Jan 7 2008
Joseph E. Crowley
Gen'l. Director of Highways, Region 3 Engineer
State of Illinois
Department of Transportation

CONTRACT NO. 89455

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED AJS
DRAWN AJS, KSD, JLA
CHECKED FEA
DATE 01/04/08

MACTEC
ENGINEERING & CONSULTING, INC.
IL PROFESSIONAL DESIGN FIRM #184001943
8901 NORTH INDUSTRIAL RD.
PEORIA, ILLINOIS 61615
PH (309) 692-4422 FX (309) 692-9364

ROSE HILL DRIVE, 0+00 TO 8+90 = 1830 ft = 0.36 miles
MEMORIAL LANE, 0+50 TO 22+00 = 2150 ft = 0.41 miles
HERVEY LIGHTNER DRIVE, 3+00 TO 24+50 = 2150 ft = 0.41 miles
NET LENGTH = 6190 ft = 1.18 miles

COVER SHEET

**SPRINGDALE
CEMETERY**
3014 N. PROSPECT RD.
PEORIA, ILLINOIS
FOUNDED 1854
REBORN 2003

P:\3160070016\DWG\Final Set\COVER_SHEET_SPRINGDALE.dwg, 1/4/2008 1:28:05 PM, \peoria-m\peoria-95

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	2
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		

GENERAL NOTES

ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2007 EDITION AND ALL APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2008 (HEREAFTER REFERRED TO JOINTLY AS IDOT STANDARD SPECIFICATIONS).

CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING MATERIALS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, RIGHT OF WAY MARKERS SHALL BE INSTALLED AS A FIRST ITEM OF CONSTRUCTION ON THIS CONTRACT.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATIONS OF PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS/CU YD
BITUMINOUS MATERIALS PRIME COAT	0.075 GAL/SQ YD
AGGREGATE PRIME COAT	0.002 TONS/SQ YD
BITUMINOUS CONCRETE SURFACE COARSE	112 LBS/SQ YD INCH
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
SHORT TERM PAVEMENT MARKING	10 FT/100 FT OF APP
MIXTURE FOR CRACKS, JOINTS & FLANGWAYS	0.0003 TONS/SQ YD
LEVEL BINDER (HAND METHOD)	0.005 TONS/SQ YD
MULCH, METHOD 2	2 TONS/ACRE
EMULSIFIED ASPHALT	100 GAL/TON OF MULCH
SUPPLEMENTAL WATERING	3 GAL/SY/APP

THE PROPOSED IMPROVEMENTS SHALL MATCH THE EXISTING CORNER RADII. DO NOT DISTURB BEYOND THE EXISTING EDGE OF PAVEMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF IDOT STANDARD SPECIFICATIONS. ANY UTILITIES THAT ARE DISTURBED DURING CONSTRUCTION WILL BE REPAIRED AND/OR RELOCATED AT NO COST TO THE OWNER. A MINIMUM OF FORTY-EIGHT (48) HOURS NOTICE IS REQUIRED.

ALL LOCATIONS OF UTILITIES ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS WITH UTILITIES WITH THE RESPECTIVE UTILITY OWNERS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATION TO VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES. ANY AND ALL UTILITY COORDINATION AND RELATED EXPLORATORY WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2 INCHES FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2 INCHES FROM THE EDGE OF LINE PAVEMENT. SEE SECTION T502 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL ITEMS.

THE PAVEMENT AND STRUCTURES ON OR ADJACENT TO THE WORK SHALL BE PROTECTED FROM DAMAGE BY EQUIPMENT. ANY DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE. CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALKS AND DRIVEWAYS PARTIALLY DAMAGED DURING CONSTRUCTION WITH FULL SECTIONS (FROM JOINT TO JOINT).

EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

STORM SEWER WATER MAINS ARE TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 1.5 FEET ABOVE THE STORM SEWER CROWN.

STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FEET ABOVE THE TOP OF THE SEWER.

UNLESS OTHERWISE INDICATED, EXISTING SURFACE TOPOGRAPHY AND DRAINAGE SHALL NOT BE ALTERED BY CONSTRUCTION. CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION AND DRAINAGE FEATURE DISTURBED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE CONTRACT.

ALL DRAINAGE STRUCTURES AND SYSTEMS INSTALLED DURING CONSTRUCTION SHALL BE PROTECTED BY STANDARD EROSION CONTROL ITEMS AS DETAILED ON THE EROSION CONTROL STANDARDS.

WORK DONE DURING THIS PROJECT SHALL INCLUDE, BUT NOT BE LIMITED TO, EMBANKMENT, EARTH EXCAVATION, TREE REMOVAL, EXISTING FACILITIES ADJUSTMENT, AND STORM SEWER INSTALLATION. THE PROPOSED GRADING WILL BE COMPLETED SUCH THAT PROPOSED ROADWAY FEATURES CAN BE INSTALLED WHEN SUBSEQUENT PHASES BEGIN. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT POSITIVE DRAINAGE BE MAINTAINED THROUGHOUT CONSTRUCTION.

ALL STORM SEWER INSTALLED ON THE PROPOSED ROADWAY SHALL BE INSTALLED AT THE SPECIFIED DEPTH. ALL STRUCTURES SHALL BE SET AT THE SPECIFIED RIM ELEVATIONS, BUT THE FINAL RING SHALL NOT BE MORTARED AND SET. DURING SUBSEQUENT CONSTRUCTION, EACH OF THESE STRUCTURES WILL BE ADJUSTED TO ACCOUNT FOR EMBANKMENT SETTLEMENT.

IF THE CONTRACTOR ELECTS TO USE PRECAST MANHOLES, THE PRECASTER SHALL MAKE AN ALLOWANCE FOR AN ADJUSTMENT COURSE OF MANHOLE BRICK/BLOCK, AS REQUIRED, TO INSURE THAT THE PRECAST PORTION OF THE STRUCTURE IS BELOW THE BOTTOM SURFACE OF THE PAVEMENT.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

ALL EROSION CONTROL MEASURES WILL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE IDOT STANDARD SPECIFICATIONS AND THE IEPA/USDA NRCS ILLINOIS URBAN MANUAL, 1995 (FROM THE ILLINOIS DEPARTMENT OF AG. SOIL CONSERVATION SERVICE).

CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED.

ALL EARTHWORK OPERATIONS SHALL BE CONDUCTED SO THAT POSITIVE DRAINAGE IS PROVIDED AT ALL TIMES. DITCHES AND WATERWAYS SHALL BE CONSTRUCTED AND MAINTAINED TO THE LINES, GRADES, AND CROSS SECTIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL ALSO EXCAVATE A DITCH AT THE TOW OF THE SLOPE OF FILLS AND AT THE TOE OF SLOPE OF CUTS AT LOCATIONS DESIGNATED BY THE OWNER OR HIS REPRESENTATIVE AT THE EARLIEST OPPORTUNITY DURING CONSTRUCTION TO CONTROL RUNOFF FROM THE EMBANKMENT OR CUT SECTION. EXCAVATED MATERIAL FROM DITCHES AT THE TOP OF SLOPE CUTS SHALL BE PLACED IN A WINDROW BETWEEN THE DITCH AND TOE OF SLOPE.

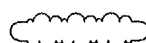
SEDIMENT TRAPS, SILT FENCES, AND OTHER EROSION CONTROL ITEMS WILL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.

PERMANENT SEEDING SHALL BE ESTABLISHED AT THE EARLIEST POSSIBLE TIME USING THE PREVIOUSLY MENTIONED APPLICATIONS RATES.

MULCH, METHOD 2 WILL BE APPLIED TO ALL SEEDED AREAS IN ACCORDANCE WITH SECTION 251 OF THE STANDARD SPECIFICATIONS.

LEGEND

➤ GUY ANCHOR	-----	EX RIGHT OF WAY
⊕ WATER VALVE	-----	PROPOSED RIGHT OF WAY
⊕ GAS VALVE	-----	PROPERTY LINE
⊕ EXISTING POWER POLE	-----	EXISTING EASEMENT
⊕ EXISTING POWER POLE WITH TRANSFORMER	-----	PROPOSED TEMPORARY EASEMENT
⊕ EXISTING POWER POLE WITH LIGHT	-----	PROPOSED DRAINAGE EASEMENT
⊕ EXISTING SIGN		TREELINE
⊕ TELEPHONE PEDESTAL	-----	UNDERGROUND ELECTRIC
⊕ FIRE HYDRANT	-----	OVERHEAD ELECTRIC
⊕ WATER VALVE	-----	CABLE TV
⊕ MANHOLE	-----	TELEPHONE
⊕ GPSD MANHOLE	-----	UNDERGROUND GAS
⊕ ELECTRIC MANHOLE	-----	WATERMAIN
⊕ CONIFEROUS TREE	-----	EXISTING SHOULDER
⊕ DECIDUOUS TREE	-----	EXISTING EDGE OF PAVEMENT
⊕ ROW MARKER -- METHOD B	-----	EXISTING DITCH FLOWLINE
⊕ DRAINAGE MARKER	-----	EXISTING SANITARY SEWER
⊕ PERMANENT SURVEY MARKER	-----	PROPOSED DITCH FLOWLINE
⊕ PERMANENT SURVEY MARKER	-----	PROPOSED EDGE OF PAVEMENT
	-----	PROPOSED CURBLINE

REVISIONS

NO.	DATE	DESCRIPTION	APPROVED

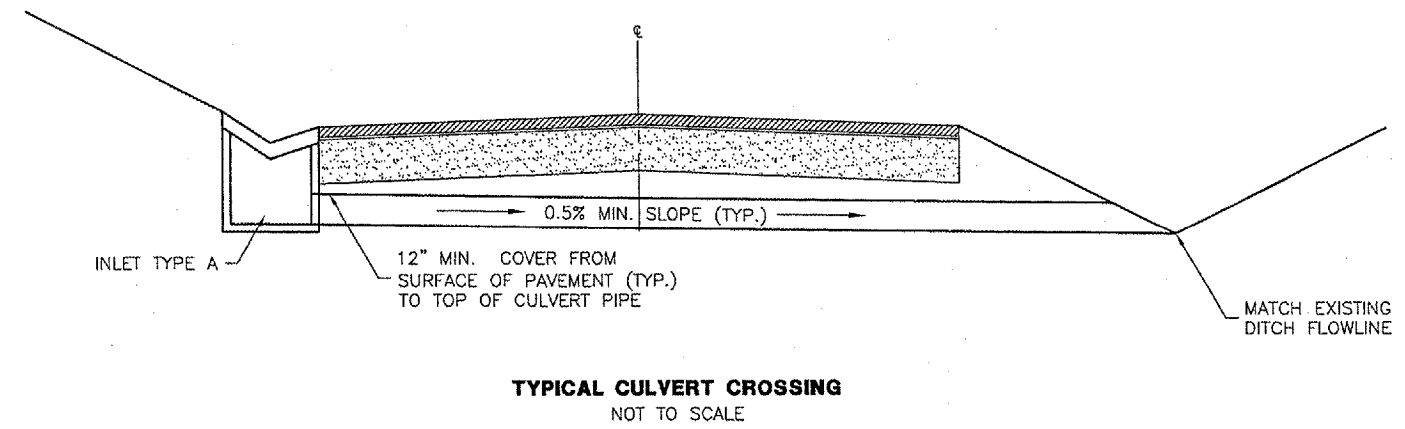
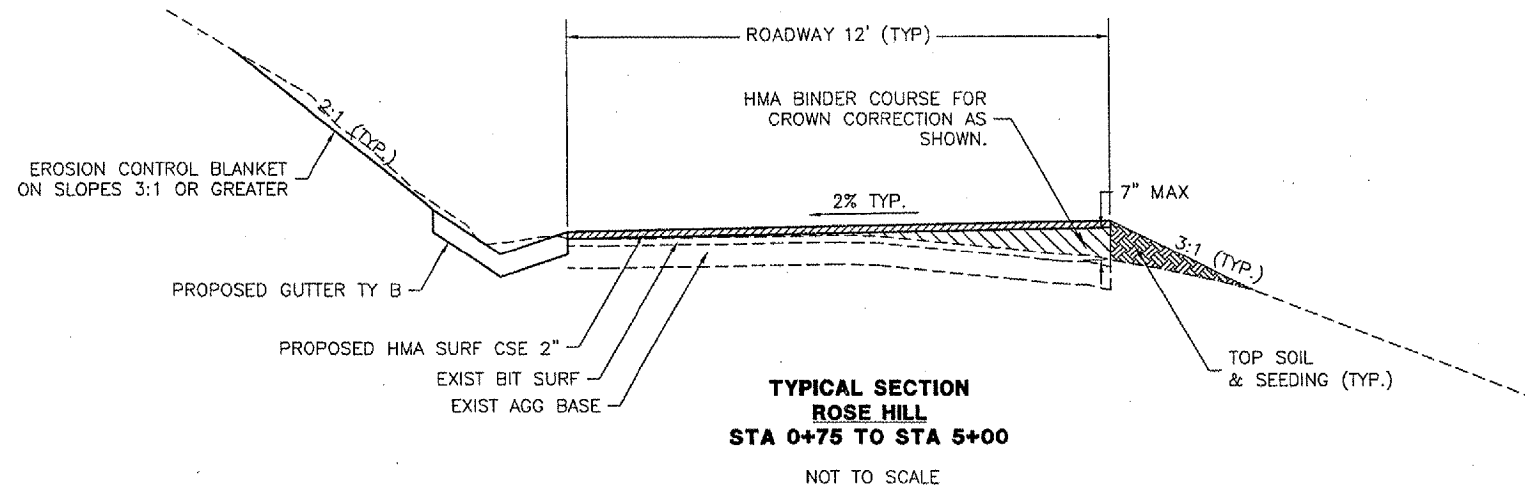
DESIGNED AJS
DRAWN AJS, KSB, JLA
CHECKED FEA
DATE 01/04/03



GENERAL NOTES



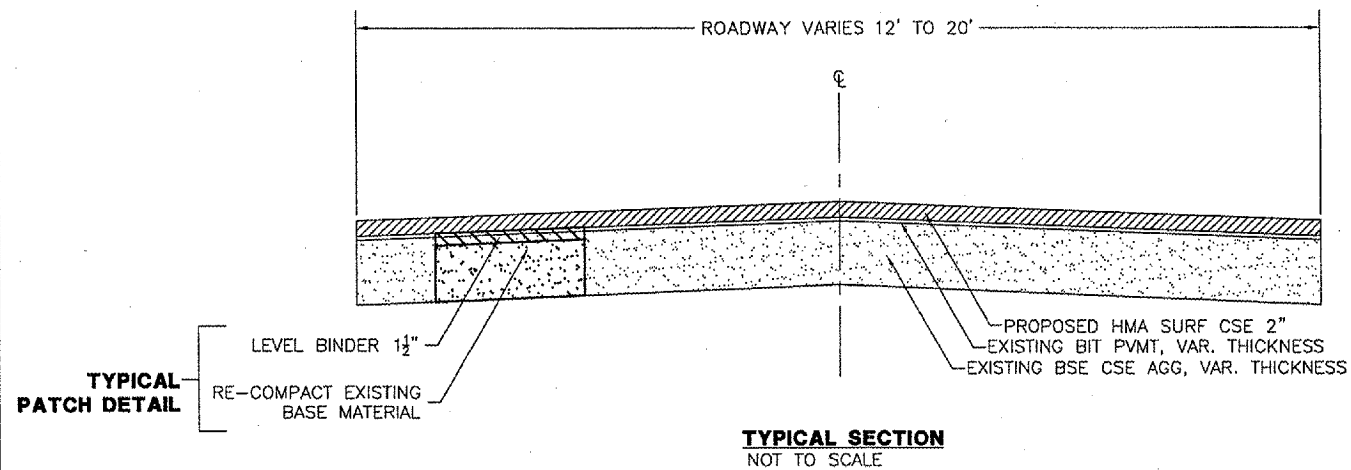
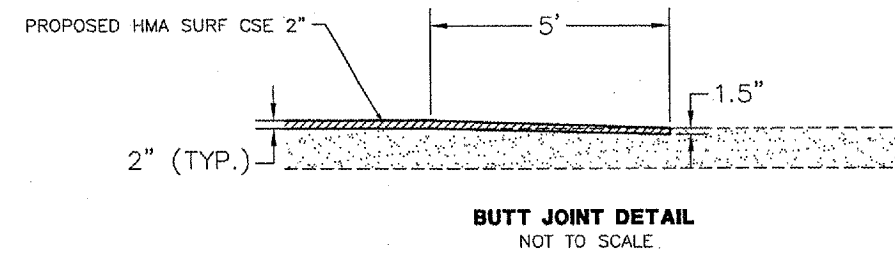
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	3
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



NOTE:

PROPOSED GUTTER TO MATCH PROPOSED EDGE OF PAVEMENT. ANY LOCALIZED DEPRESSIONS IN THE ROADWAY SHALL BE FILLED AND LEVELED CONCURRENT WITH GUTTER CONSTRUCTION. COST WILL BE PAID FOR AS LEVEL BINDER HM N30.

EXISTING AGGREGATE SHOULDER / GROUTED COBBLES SHALL BE REMOVED TO ALLOW FOR STANDARD PLACEMENT OF THE GUTTER TYPE B. ADDITIONAL EXCAVATION, HAND TRIMMING OF THE CUT, ETC. SHALL BE INCLUDED IN THE COST OF SHOULDER REMOVAL.



ROSE HILL STA 0+00 TO 0+75
STA 5+00 TO 18+90

HERVEY LIGHTNER STA 3+00 TO 24+50

MEMORIAL LANE STA 0+50 TO 22+00

PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.): YEAR 2027; (ALL STREETS) P.C. 114
CLASS IV ROAD (OR STREET) S.U. 2
M.U. 0

MINIMUM SOIL SUPPORT: IBR = 2.0

FROM IDOT FIGURE 54-5M, PAGE 54-5 (19) OF THE BUREAU OF DESIGN AND ENVIRONMENT MANUAL, THE REQUIRED STRUCTURAL NUMBER IS 1.5. THIS REQUIREMENT IS SATISFIED BY THE FOLLOWING:

BIT. SURF. CSE. : T1 = 2.0"
A1 = 0.40

AGG. BASE CSE. : T4 = 8"
A4 = 0.10

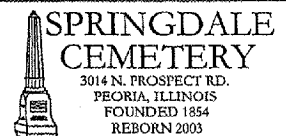
STRUCTURAL NO. PROVIDED = T1 * A1 + T2 * A2
= 1.6 > 1.5 (REQ.)

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED: AJS
DRAWN: AJS, KSB, JLA
CHECKED: EEA
DATE: 01/04/08



TYPICAL SECTIONS



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	4
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		

Item Number	Items	Unit	Quantity
21400100*	GRADING AND SHAPING DITCHES	LF	56
25000300	SEEDING CLASS 3	ACRE	0.37
25000400	NITROGEN FERT NUTR	POUND	33.7
25000500	PHOSPHORUS FERT NUTR	POUND	33.7
25000600	POTASSIUM FERT NUTR	POUND	33.7
25100115	MULCH METHOD 2	ACRE	0.37
25100630	EROSION CONTROL BLANKET	SQ YD	189
28000500	INLET & PIPE PROTECTION	EACH	14
28100500	BROKEN CONC RIPRAP	SQ YD	84
35100100	AGG BASE CSE A	TON	114.3
35800100	PREPARATION OF BASE	SQ YD	1338
35800200	AGGREGATE BASE REPAIR	TON	305
40600100	BIT MATLS PR CT	GAL	1327
40600400	MIX CR JTS FLANGWAYS	TON	3.2
40600515	LEV BIND HM N30	TON	20
40600615	LEV BIND MM N30	TON	89
40600982	HMA SURF REM BUTT JT	SQ YD	117
40603080	HMA BC IL-19.0 N50	TON	230
40603305	HMA SC "C" N30	TON	1265
44000085*	HMA SUR REMOVAL (CM) SPL	SQ YD	2432
44000500	COMB CURB GUTTER REM	LF	893
542C0217	PIPE CULVERTS, CL C 1 12	LF	42
54213663	PRC FLAR END SEC 18"	EACH	6
54213675	PRC FLAR END SEC 30"	EACH	2
54213867	STEEL END SECTION 12"	EACH	2
550A0040	STORM SEW CL A 1 10"	LF	12
550A0090	STORM SEW CL A 1 18"	LF	395
60218400	MANHOLE TA 4 DIA T1F CL	EACH	1
60236700	INLETS TA T10 F&G	EACH	17
60602500	CONCRETE GUTTER TYPE A	LF	523
60602800	CONCRETE GUTTER TYPE B	LF	1170
60603300*	GUTTER OUTLET	EACH	6
60623714*	CONCRETE MEDIAN (SPECIAL)	SQ FT	12
67100100*	MOBILIZATION	L SUM	1
70102620	TR CONT & PROT 701501	L SUM	1
X0301245*	SHOULDER REMOVAL	SQ YD	117
X2113010*	FURNISHING & PLACING TOP SOIL	CU YD	200
Z0013798*	CONSTRUCTION LAYOUT	L SUM	1

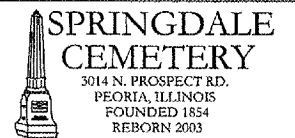
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REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED AJS
 DRAWN AJS, KSB, JLA
 CHECKED EEA
 DATE 01/04/08



SUMMARY OF QUANTITIES



REMOVAL ITEMS												
LOCATION (STA TO STA)	LENGTH (FT)	WIDTH (FT)	SHOULDER REMOVAL (SY)	SURF REM BUTT JT (SY)	HMA SUR RM (CM)SPL*	COMB CURB GUTTER REM (LF)	GRADING & SHP DITCH (LF)					
ROSE HILL DR	0+00 TO 0+10	10	25					27.8				
	0+00 TO 4+83	523	2					116.2				
	18+80 TO 18+90	10	12									
ROSE HILL SUBTOTALS								116.2	41.1	0.0	0.0	0.0
MEMORIAL LANE	0+50 TO 0+60	10	16					17.8				
	5+75 TO 10+50	475	17.5						923.6			
	10+25 RT	8							8			
	10+40 RT	8							8			
	10+50 RT	8							8			
	10+55 RT	8							8			
	10+70 RT	8							8			
	10+75 RT	8							8			
	11+90 TO 13+40 LT	160							160			
	14+50 TO 16+15 RT	165							165			
	21+90 TO 22+00	10	16					17.8				
MEMORIAL SUBTOTALS								0.0	35.6	923.6	373.0	0.0
HERVEY LIGHTNER DR	3+00 TO 3+10	10	18					20.0				
	6+10 LT	10							10			
	8+75 RT	10							10			
	9+05 RT	10							10			
	11+60 TO 16+50 LT	490							490			
	11+60 TO 19+30 LT	770	2						171.1			
	16+25 TO 17+00									56		
	24+40 TO 24+50	10	18					20				
HERVEY LIGHTNER SUBTOTALS								0.0	40.0	171.1	520.0	56.0
DEMOLITION TOTALS								116.2	116.7	1094.7	893.0	56.0

*NOTE: SEE PATCHING SCHEDULE FOR ADDITIONAL BIT. SURFACE REMOVAL IN THE PATCHING AREAS.

PATCHING SCHEDULE									
LOCATION (STATION)	LENGTH (FT)	WIDTH (FT)	HMA SUR RM (CM) SPL (SY)	PREPARATION OF BASE (SY)	AGG BASE REPAIR (TON)	BIT MATLS PR CT APPRATE=0.3 GAL/SY (GAL)	HMA BC IL-19.0 N50 (TON)		
ROSE HILL DR	3+05 RT	10	5	5.6	5.6	1.3	1.7	0.5	
	4+60	55	12	73.3	73.3	16.7	22.0	6.3	
	5+10 LT	30	3	10.0	10.0	2.3	3.0	0.9	
	5+85	50	12	66.7	66.7	15.2	20.0	5.8	
	7+92 RT	8	5	4.4	4.4	1.0	1.3	0.4	
	8+10 RT	20	5	11.1	11.1	2.5	3.3	1.0	
	8+55	45	12	60.0	60.0	13.7	18.0	5.2	
	9+90 LT	20	3	6.7	6.7	1.5	2.0	0.6	
	11+55 RT	10	3	3.3	3.3	0.8	1.0	0.3	
	12+50	60	12	80.0	80.0	18.2	24.0	6.9	
	14+10	50	5	27.8	27.8	6.3	8.3	2.4	
	14+75 RT	15	3	5.0	5.0	1.1	1.5	0.4	
	ROSE HILL SUBTOTALS			353.9	353.9	80.6	106.2	30.5	
	MEMORIAL LANE	0+00 RT	39.5	3.5	15.4	15.4	3.5	4.6	1.3
0+05 RT		16.5	10	18.3	18.3	4.2	5.5	1.6	
0+35 LT		19.5	3.5	7.6	7.6	1.7	2.3	0.7	
3+00		65.5	16.5	120.1	120.1	27.4	36.0	10.4	
3+90 RT		28	13	40.4	40.4	9.2	12.1	3.5	
4+60 RT		16.5	3.5	6.4	6.4	1.5	1.9	0.6	
5+00 LT		26.5	5	14.7	14.7	3.4	4.4	1.3	
5+10 RT		49	3.5	19.1	19.1	4.3	5.7	1.6	
5+65 LT		6.5	3.5	2.5	2.5	0.6	0.8	0.2	
11+50 LT		255	8	226.7	226.7	51.6	68.0	19.6	
12+30 RT		75	5	41.7	41.7	9.5	12.5	3.6	
13+60 RT		102	2.5	28.3	28.3	6.5	8.5	2.4	
14+15 LT		75	5	41.7	41.7	9.5	12.5	3.6	
14+95 RT		15	3.5	5.8	5.8	1.3	1.8	0.5	
15+20 RT		40	5	22.2	22.2	5.1	6.7	1.9	
MEMORIAL LANE SUBTOTALS			610.9	610.9	139.2	183.3	52.7		
HERVEY LIGHTNER DR	4+00	50	4	22.2	22.2	5.1	6.7	1.9	
	5+00	35	18	70.0	70.0	15.9	21.0	6.0	
	6+00 LT	20	6	13.3	13.3	3.0	4.0	1.2	
	6+00 RT	30	4	13.3	13.3	3.0	4.0	1.2	
	7+75	40	8	35.6	35.6	8.1	10.7	3.1	
	8+00	15	18	30.0	30.0	6.8	9.0	2.6	
	8+25	30	8	26.7	26.7	6.1	8.0	2.3	
	10+50	25	15	41.7	41.7	9.5	12.5	3.6	
	12+00	42	4	18.7	18.7	4.3	5.6	1.6	
	16+25	50	8	44.4	44.4	10.1	13.3	3.8	
	17+00	60	8	53.3	53.3	12.1	16.0	4.6	
	19+00	10	3	3.3	3.3	0.8	1.0	0.3	
HERVEY LIGHTNER SUBTOTALS			372.6	372.6	84.9	111.8	32.1		
PATCHING TOTALS			1337.4	1337.4	304.6	401.2	115.3		

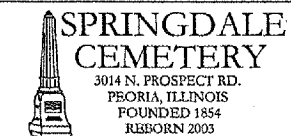
PAVING SCHEDULE											
LOCATION (STA TO STA)	LENGTH (FT)	WIDTH (FT)	AGG BSE CSE A, 8" THICK (TON)	BIT MATLS PR CT APP RATE = 0.08 GAL/SY (GAL)	MIX CR JTS FLANGES (TON)	LEV BIND HM N30 (TON)	LEV BIND MM N30 (TON)	HMA BC IL- 19.0 N50 (TON)	HMA SC "C" N30 (TON)	COMMENTS	
ROSE HILL DR	0+00 TO 18+90	1890	12	201.6	0.8				289.8		
	0+10 TO 0+35	60	25	76.3							
	0+50 TO 4+83	433	VAR				75				CROWN CORRECTION WEDGE
	4+25 TO 5+15	90	12				13.8				
ROSE HILL SUBTOTALS			76.3	201.6	0.8	0.0	88.8	0.0	289.8		
MEMORIAL LANE	0+50 TO 22+00	2150	16	305.8	1.1				480.8		
	5+75 TO 10+50	475	17.5	73.9				79.7			
	10+25 TO 16+15	373	2	37.9							
	15+95 TO 17+50	155	17.5					34.7			
MEMORIAL SUBTOTALS			37.9	379.7	1.1	0.0	0.0	114.3	480.8		
HERVEY LIGHTNER DR	3+00 TO 24+50	2150	18	344	1.3				494.5		
	11+60 TO 19+30 LT	770	2			19.7					
HERVEY LIGHTNER SUBTOTALS			0.0	344.0	1.3	19.7	0.0	0.0	494.5		
PAVEMENT TOTALS			114.3	925.3	3.2	19.7	88.8	114.3	1265.1		

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED: AJS
DRAWN: AJS, KSB, JLA
CHECKED: EEA
DATE: 01/04/08



SCHEDULES-PAVEMENT & DEMO



DRAINAGE SCHEDULE																			
LOCATION (STA TO STA)	LENGTH (FT)	WIDTH (FT)	PIPE CULVERT CL C1 12" (LF)	PRECAST FLAR END SEC 18" (EA)	PRECAST FLAR END SEC 30" (EA)	STEEL END SECTION 12" (EA)	STORM SEWER CL A TY 1 10" (LF)	STORM SEWER CL A TY 1 18" (LF)	MANHOLE TY A 4' DIA T 1 C.L. (EA)	INLETS TA T10 F&G (EA)	CONC MEDIAN SPL (SF)	CONC GUTTER TA (LF)	CONC GUTTER TB (LF)	GUTTER OUTLET (EA)	INLET & PIPE PROTECT (EA)	BROKEN CONC RIPRAP (SY)			
ROSE HILL DR	0+00	LT						85						1					
	0+00	TO	0+50	LT	83														
	0+00	TO	4+83	LT	523							523			1				
	0+50	TO	1+20	LT	62			74		1									
	1+20	TO	2+00	LT	72			80	1										
	2+00	TO	3+50	LT	145			156		1					1				
	3+50	TO	9+50	RT	20	5										11.1			
	10+88	TO	11+12	RT	20								20						
	11+00	TO	11+40	RT	20					1					1				
	11+15	TO	11+27	RT						1					1				
	15+80	TO	15+70	LT						1									
	15+70	TO																	
ROSE HILL SUBTOTALS					0	2	0	0	0	395	1	5	0	523	40	1	5	11.1	
MEMORIAL LANE	10+35	TO	10+55	RT						1						1			
	10+55	TO	10+70	RT						1						1			
	11+90	TO	13+60	LT	180					1			180						
	13+45	TO	13+80	LT						1					1				
	14+50	TO	16+15	RT	165					1			165			1			
	14+80	TO	15+95	TO	16+10	LT	15						15						
	16+30	TO	16+50	LT										1					
	16+60	TO	16+70	LT	18	10											20		
	16+80	TO	17+40	RT	10	10											11.1		
	17+40	TO	17+50	LT	10	10				1							11.1		
MEMORIAL SUBTOTALS					0	2	0	0	0	0	0	0	360	3	5		42.2		
HERVEY LIGHTNER DR	6+10	TO	8+75	RT						1									
	8+75	TO	9+05	RT						1									
	11+60	TO	11+60	LT						1									
	11+60	TO	19+30	LT	770								770		1				
	12+80	TO	12+80	LT	20														
	12+80	TO	12+80	RT				12		1							1		
	13+75	TO	14+80	RT						1							1		
	15+00	TO	15+00	RT	5	5					12						2.8		
	15+50	TO	15+50	LT						1							1		
	17+00	TO	17+00	RT	5	5											2.8		
	17+25	TO	17+25	LT						1							1		
	17+33	TO	17+45	RT	22	4	4										1.8		
	17+45	TO	19+16	LT					1										
	19+16	TO	19+70	LT													20.5		
	19+70	TO	19+70	RT	5	5											2.8		
HERVEY LIGHTNER SUBTOTALS					42	2	2	2	12	0	0	7	12	0	770	2	4	30.6	
DRAINAGE TOTALS					42	6	2	2	12	395	1	17	12	0	523	1170	6	14	83.9

SEEDING SCHEDULE											
LOCATION (STA TO STA)	LENGTH (FT)	WIDTH (FT)	SEEDING CLASS 3 (ACRE)	NITROGEN FERT NUTR (LBS)	PHOPHOROUS FERT NUTR (LBS)	POTASSIUM FERT NUTR (LBS)	MULCH METHOD 2 (ACRE)	EROSION CONTR BLANKET (SY)	F & P TOP SOIL (CY)		
ROSE HILL DR	0+00 TO 18+90	1890	5	0.2	19.5	19.5	19.5	0.2	189.0	115.5	
MEMORIAL LANE	12+00 TO 18+00	600	5	0.1	6.2	6.2	6.2	0.1		36.7	
HERVEY LIGHTNER DR	11+60 TO 19+30	770	5	0.1	8.0	8.0	8.0	0.1		47.1	
SEEDING TOTALS			0.4	33.7	33.7	33.7	0.4	189.0	199.2		

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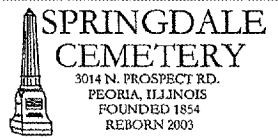
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NO.	DATE	DESCRIPTION	APPROVED

DESIGNED AJS
DRAWN AJS, KSB, JLA
CHECKED EEA
DATE 01/04/03



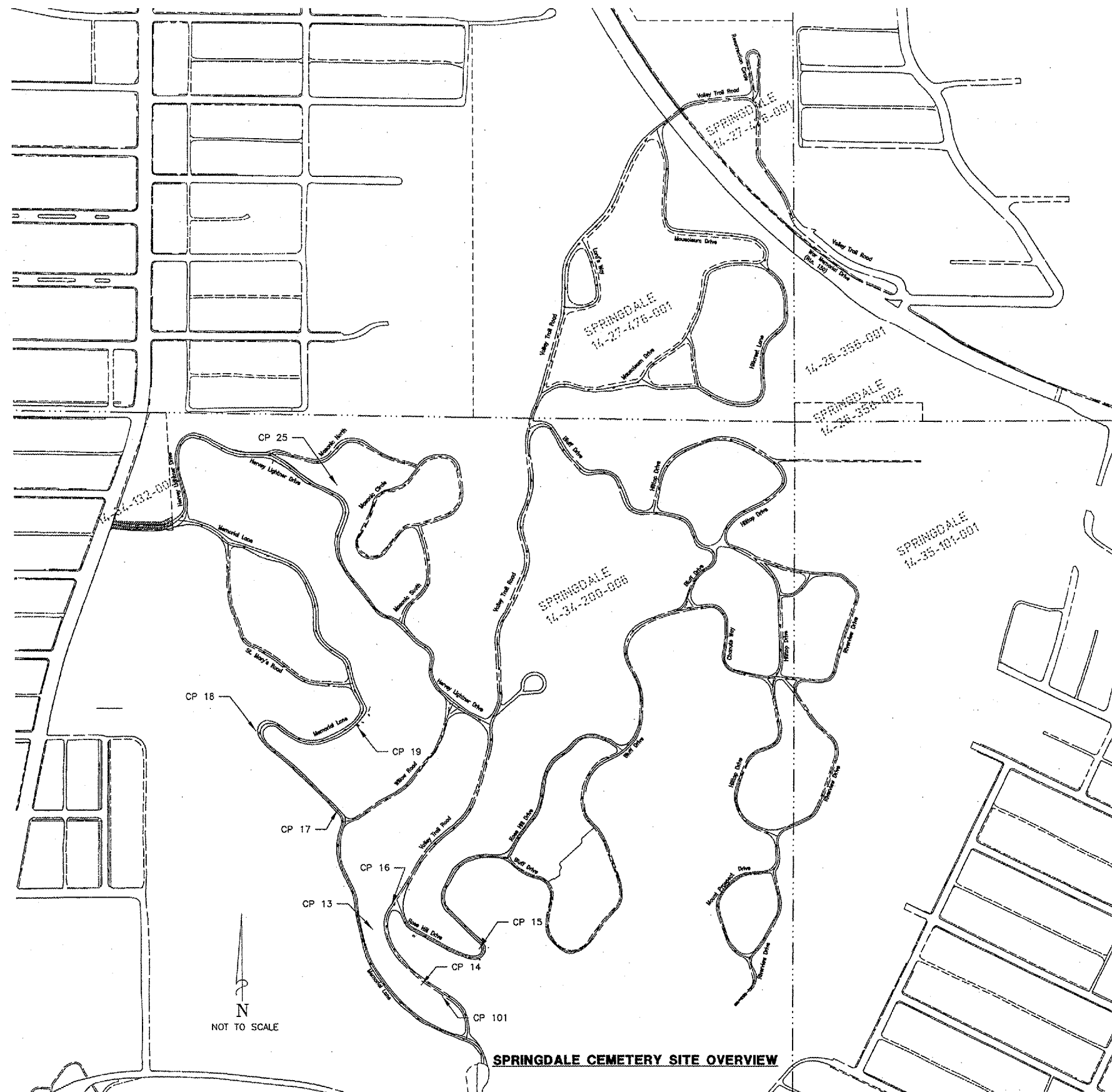
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-001138

SCHEDULES-DRAINAGE & SEEDING



3014 N. PROSPECT RD.
PEORIA, ILLINOIS
FOUNDED 1854
REBORN 2003

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	7
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



NORTHING	EASTING	ELEVATION	CONTROL POINT NO.	DESCRIPTION
1476301.76	2461641.83	535.72	13	5/8" x 30" REBAR
1476074.19	2461839.89	533.84	14	POLE BARN NAIL
1476223.79	2462077.02	586.43	15	POLE BARN NAIL
1476402.78	2461718.74	542.37	16	MAG NAIL
1476788.45	2461504.16	554.23	17	MAG NAIL
1477112.62	2461175.22	574.06	18	5/8" x 30" REBAR
1477125.86	2461586.71	617.47	19	POLE BARN NAIL
1478111.34	2461508.86	615.78	25	5/8" x 30" REBAR
1476025.71	2461923.49	532.68	101	5/8" x 30" REBAR - STATIC PT.

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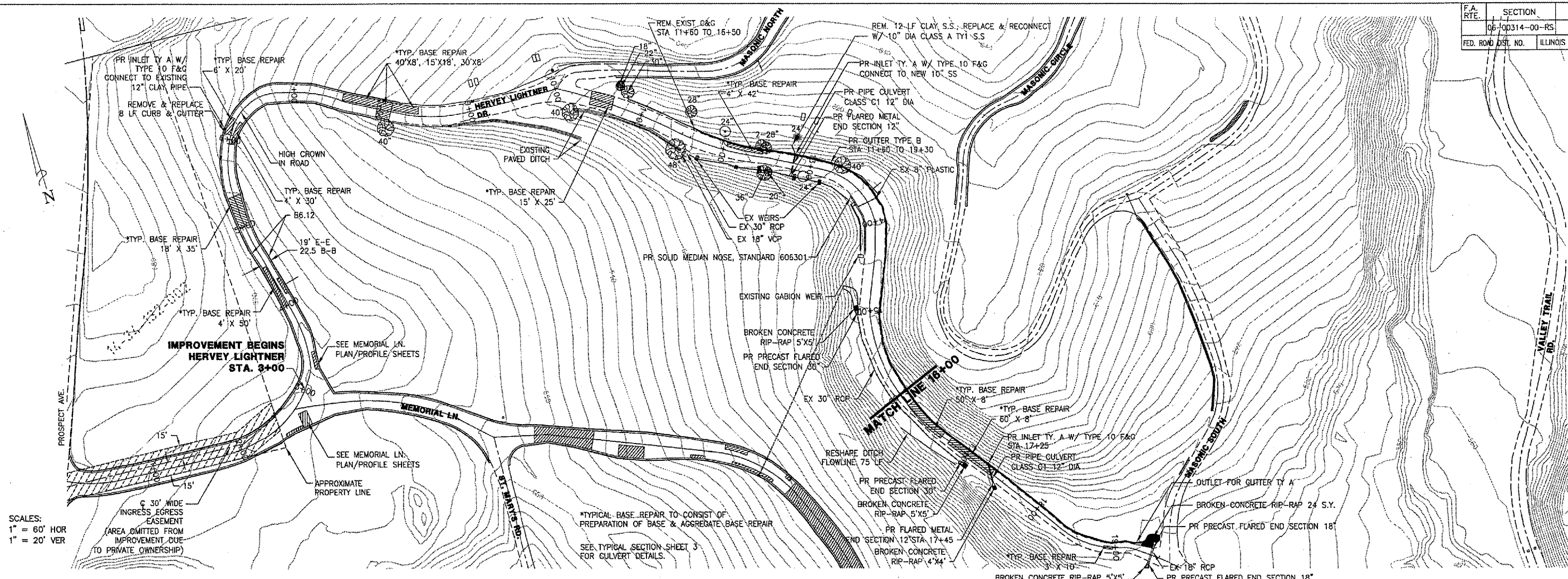
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NO.	DATE	DESCRIPTION	APPROVED
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DESIGNED AIS
 DRAWN AJS, KSB, JLA
 CHECKED EFA
 DATE 01/04/08

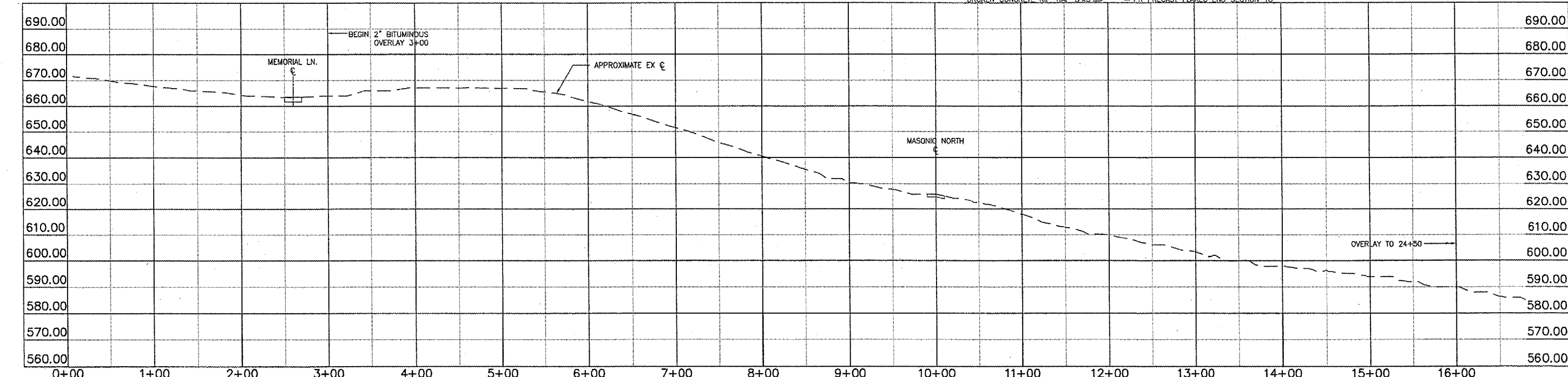
MACTEC
 ENGINEERING & CONSULTING, INC.
 IL PROFESSIONAL DESIGN FIRM #184001945
 8901 NORTH INDUSTRIAL RD.
 PEORIA, ILLINOIS 61615
 PH (309) 692-4422 FX (309) 692-9364

KEY SHEET
SPRINGDALE CEMETERY
 3014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06	00314-00-RS	PEORIA	19	8
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



SCALES:
 1" = 60' HOR
 1" = 20' VER



REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

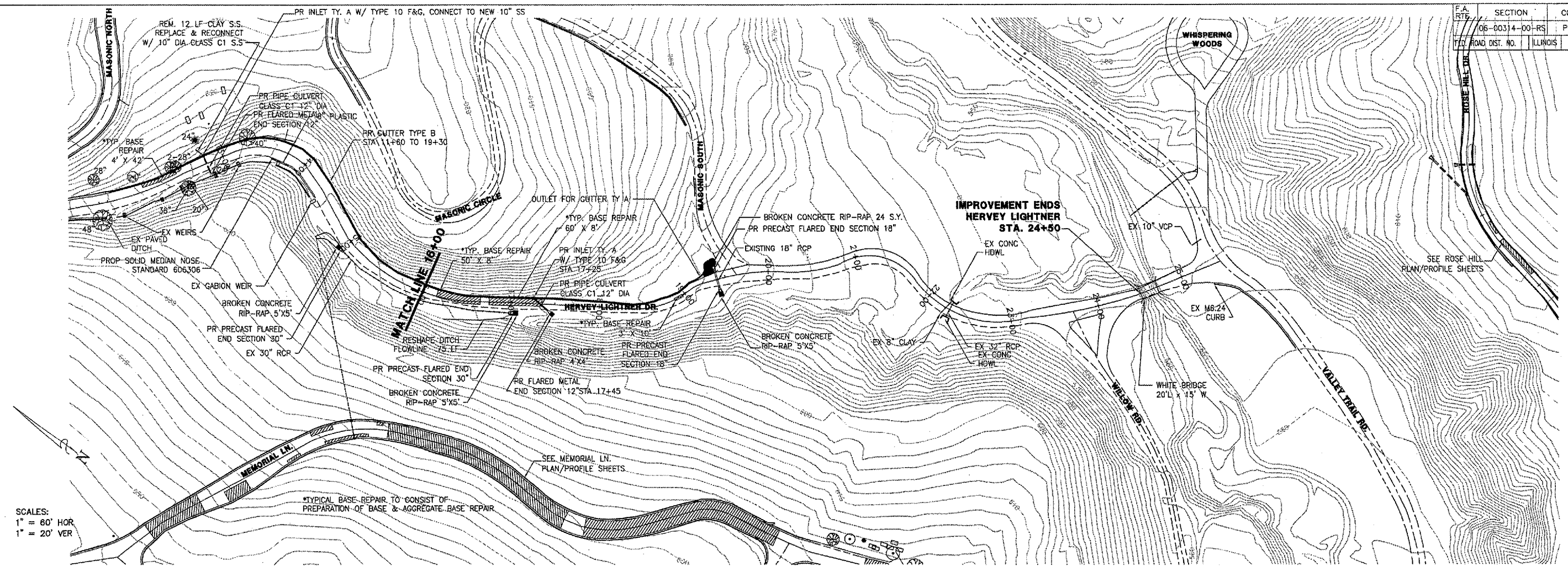
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 DATE 01/04/03



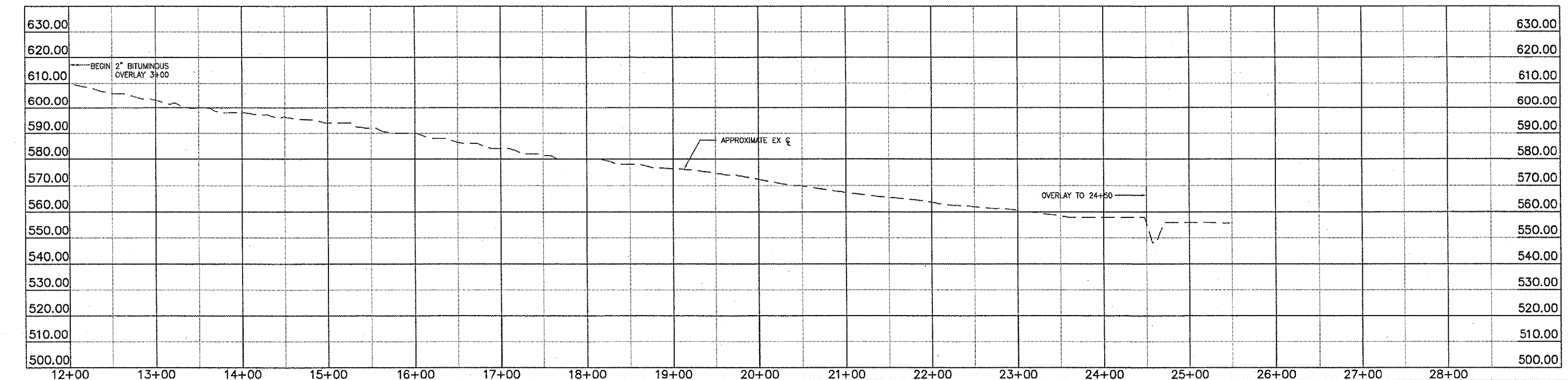
PLAN/PROFILE-HERVEY LIGHTNER

SPRINGDALE CEMETERY
 3014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

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SCALES:
 1" = 60' HOR
 1" = 20' VER



REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED AJS
 DRAWN AJS, KSB, JLA
 CHECKED EEA
 DATE 01/04/03



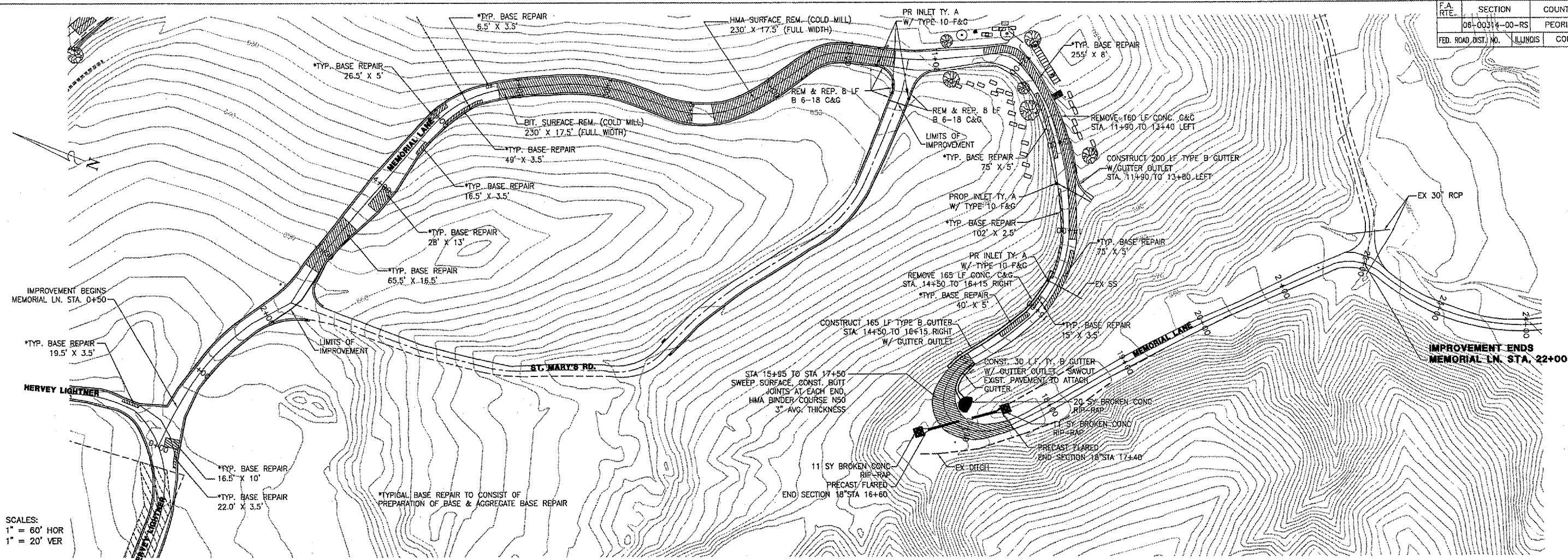
ILLINOIS PROFESSIONAL DESIGN FIRM LS/PE/SE, LICENSE #184-001138

PLAN/PROFILE-HERVEY LIGHTNER

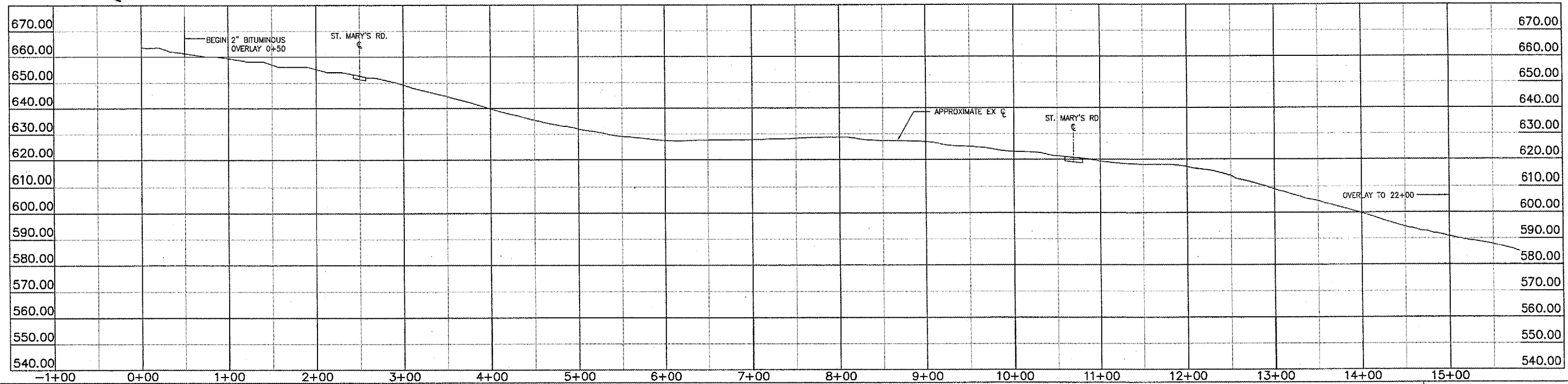


SPRINGDALE CEMETERY
 3014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

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SCALES:
 1" = 60' HOR
 1" = 20' VER

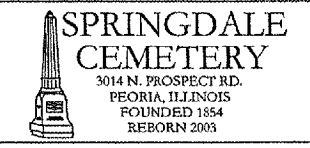


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NO.	DATE	DESCRIPTION	APPROVED

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 CHECKED EEA
 DATE 01/04/03

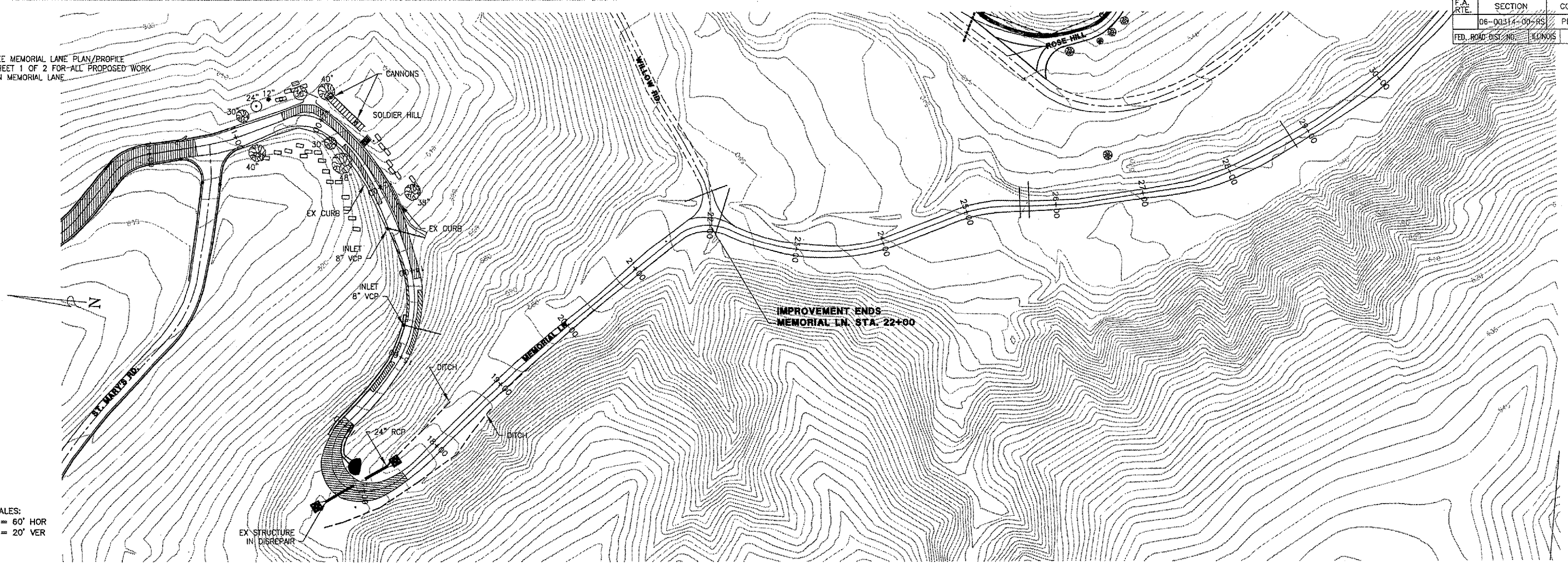


PLAN/PROFILE-MEMORIAL LANE

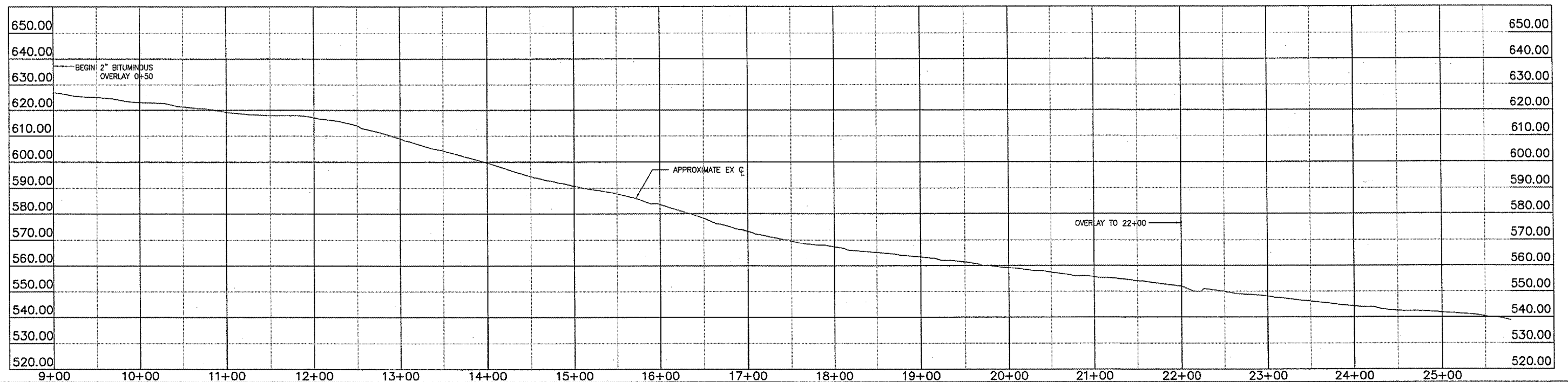


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SEE MEMORIAL LANE PLAN/PROFILE SHEET 1 OF 2 FOR ALL PROPOSED WORK ON MEMORIAL LANE.



SCALES:
1" = 60' HOR
1" = 20' VER



REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

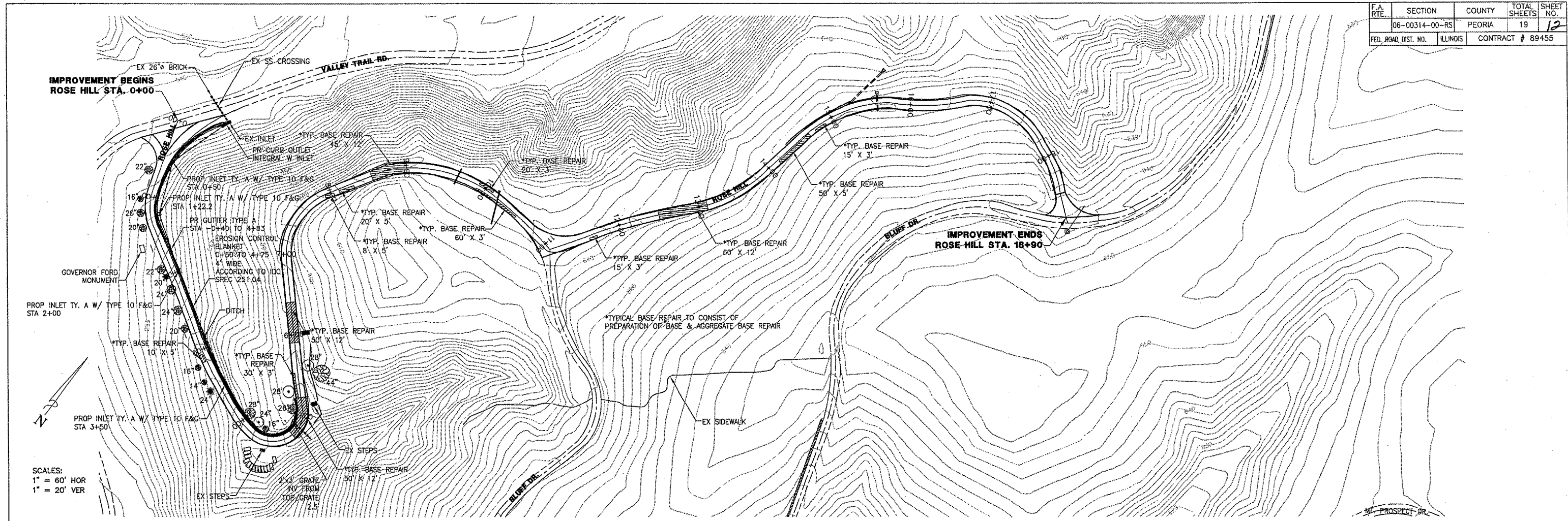
DESIGNED AJS
DRAWN AJS, KSB, JLA
CHECKED EEA
DATE 01/04/03

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ENGINEERING AND CONSULTING, INC.
ILLINOIS PROFESSIONAL DESIGN FIRM L/S/P/E/S/E, LICENSE #184-001138

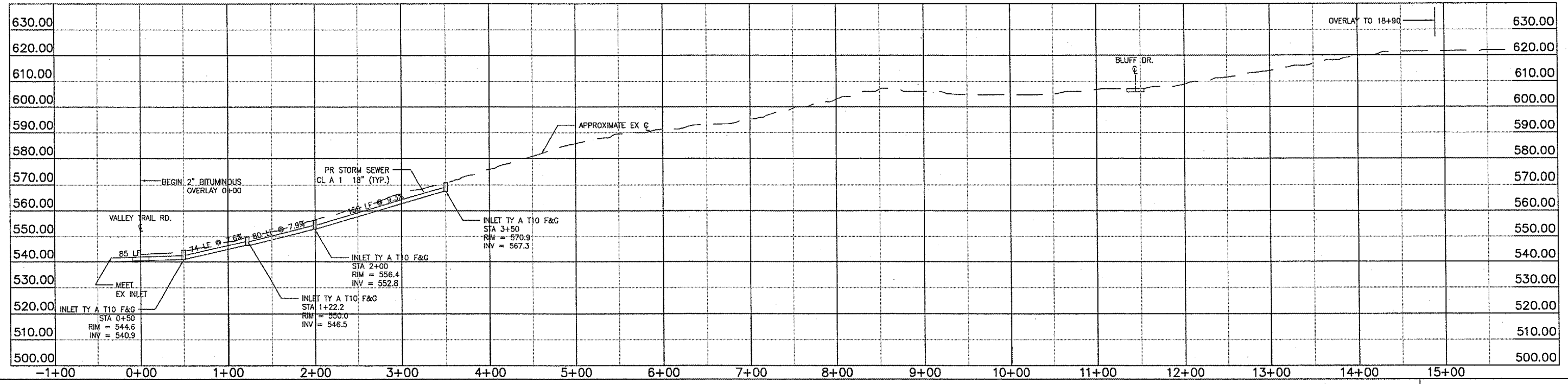
PLAN/PROFILE-MEMORIAL LANE

SPRINGDALE CEMETERY
3014 N. PROSPECT RD.
PEORIA, ILLINOIS
FOUNDED 1854
REBORN 2003

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SCALES:
1" = 60' HOR
1" = 20' VER



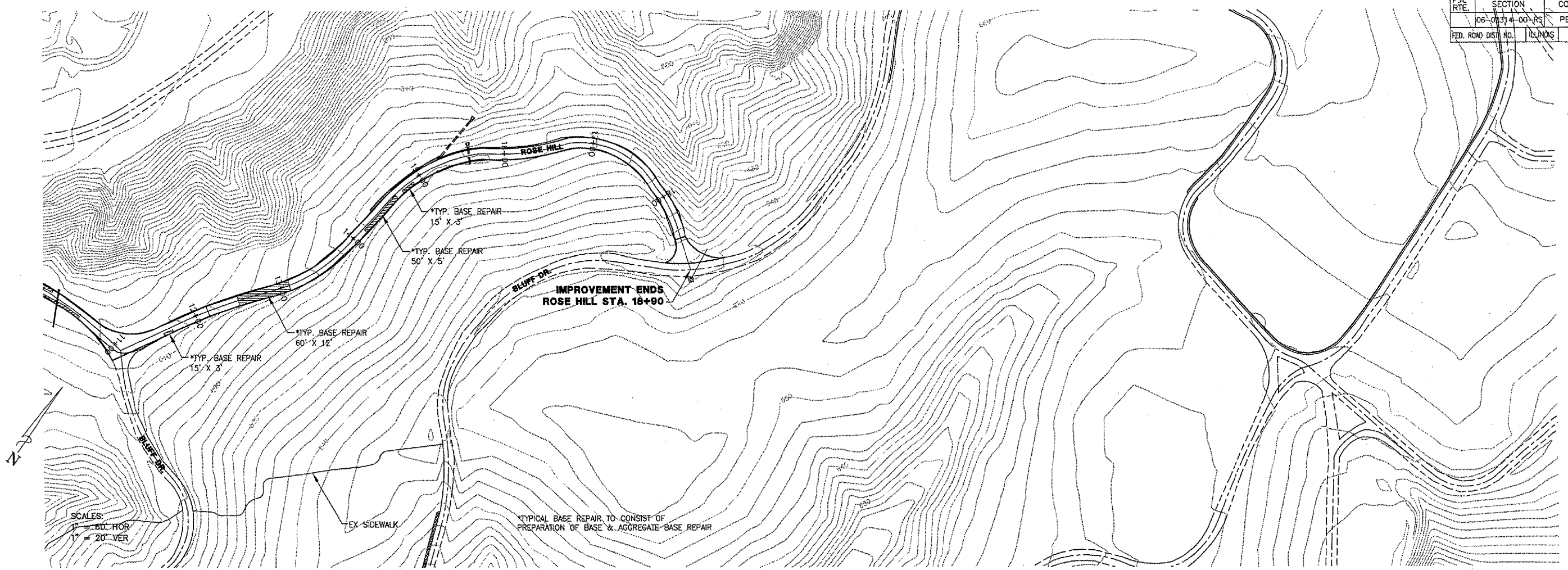
PLAN/PROFILE-ROSE HILL DR

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED AJS
DRAWN AJS, KSB, JLA
CHECKED EEA
DATE 01/04/03

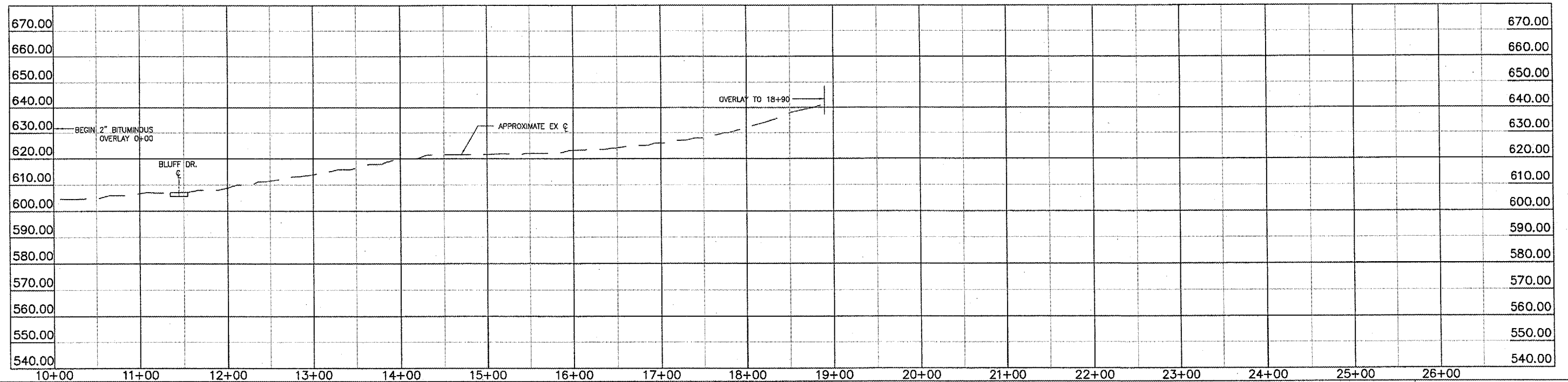


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SCALES:
 1" = 60' HOR
 1" = 20' VER

TYPICAL BASE REPAIR TO CONSIST OF
 PREPARATION OF BASE & AGGREGATE-BASE REPAIR



REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED AJS
 DRAWN AJS, KSB, JLA
 CHECKED EEA
 DATE 01/04/03

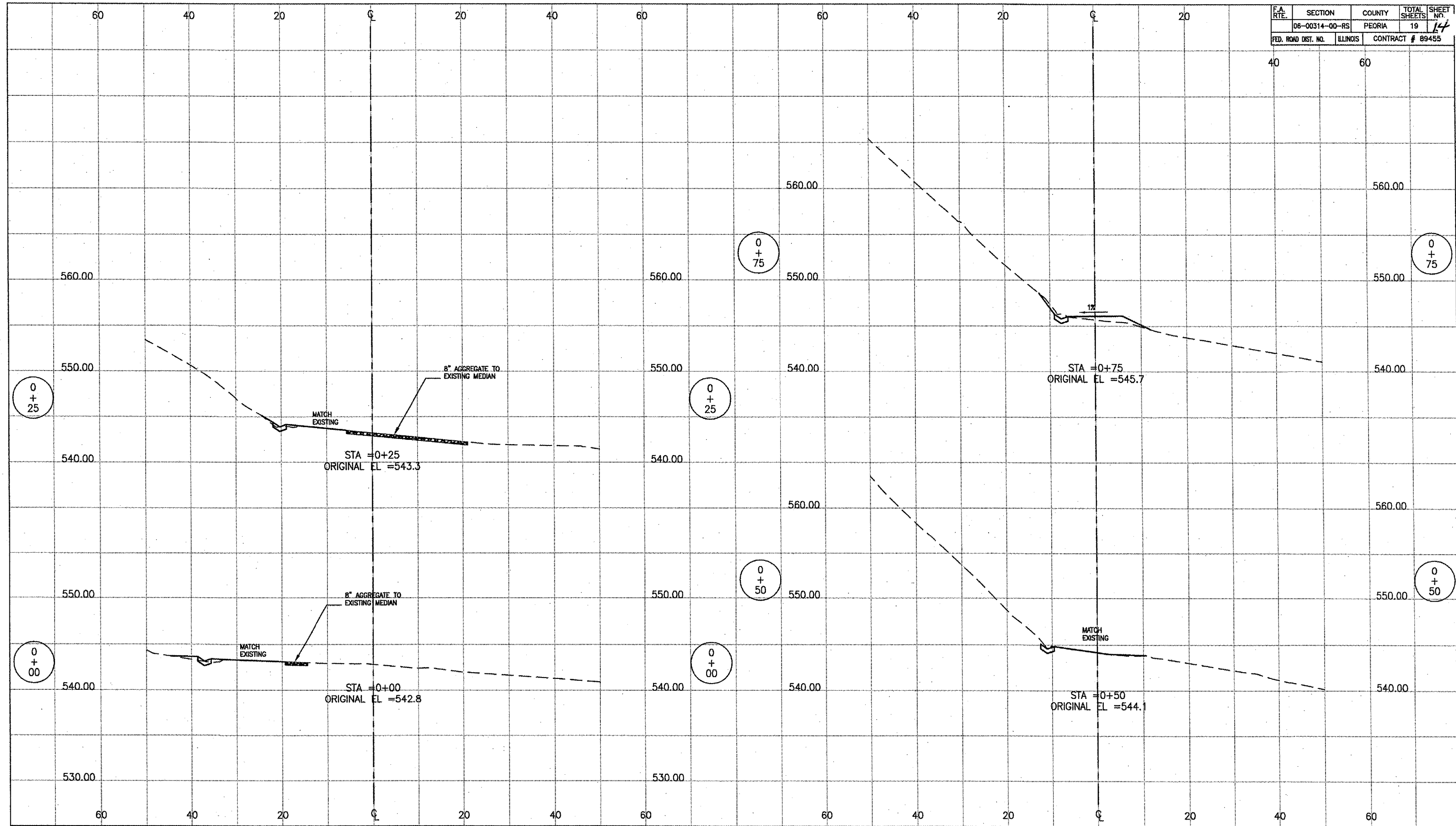


PLAN/PROFILE-ROSE HILL DR



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	14
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



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REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

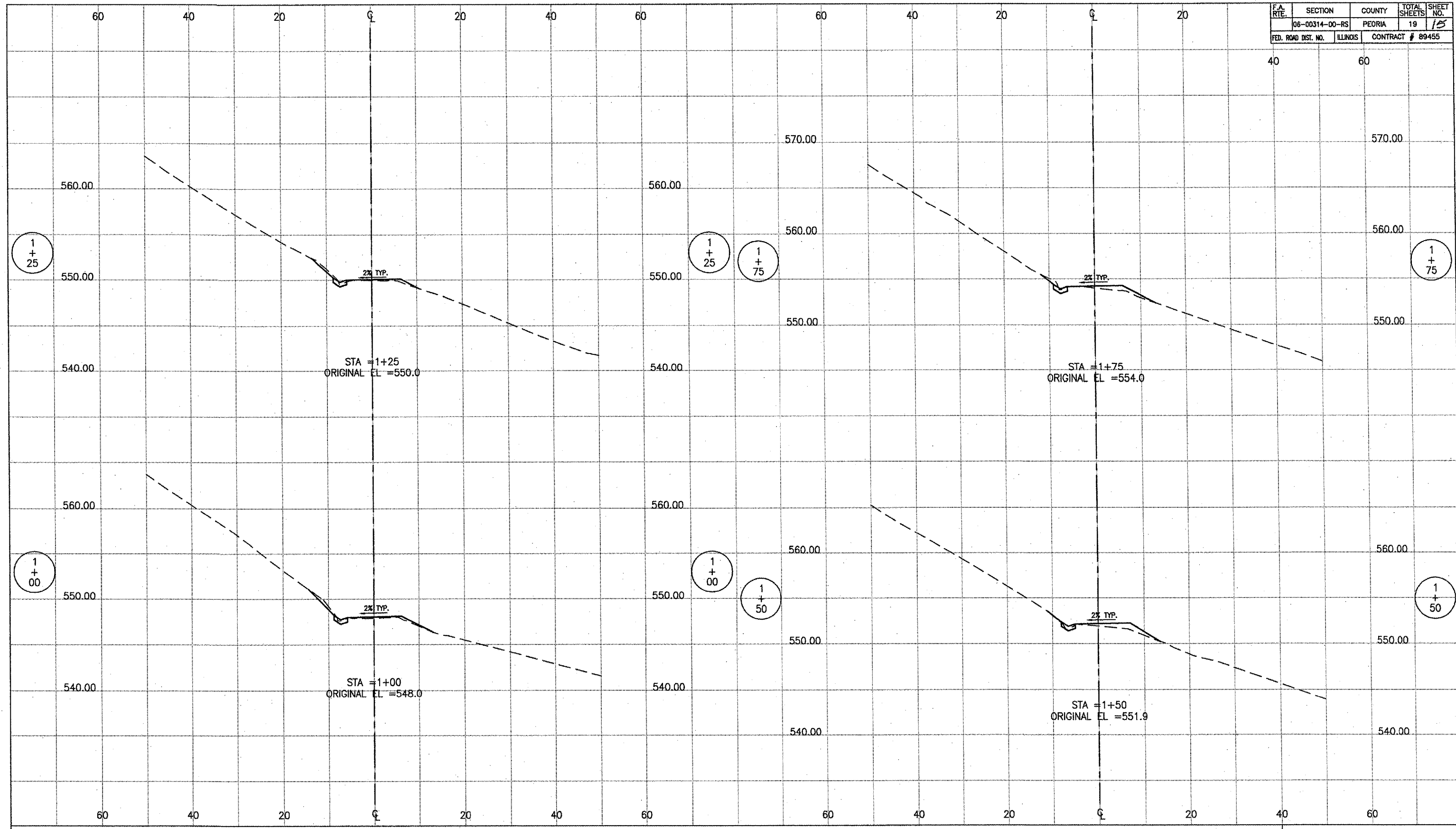
DESIGNED AJS
 DRAWN AJS, KSB, JLA
 CHECKED EEA
 DATE 01/04/07

MACTEC
 ENGINEERING AND CONSULTING, INC.
ILLINOIS PROFESSIONAL DESIGN FIRM LSP/PE, LICENSE #184-001138

CROSS SECTIONS-ROSE HILL DR

SPRINGDALE CEMETERY
3014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	15
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



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REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED: AIS
 DRAWN: A.S. KSB, JLA
 CHECKED: FFA
 DATE: 01/04/07

MACTEC
 ENGINEERING AND CONSULTING, INC.
 ILLINOIS PROFESSIONAL DESIGN FIRM LS/PE/SE, LICENSE #164-001138

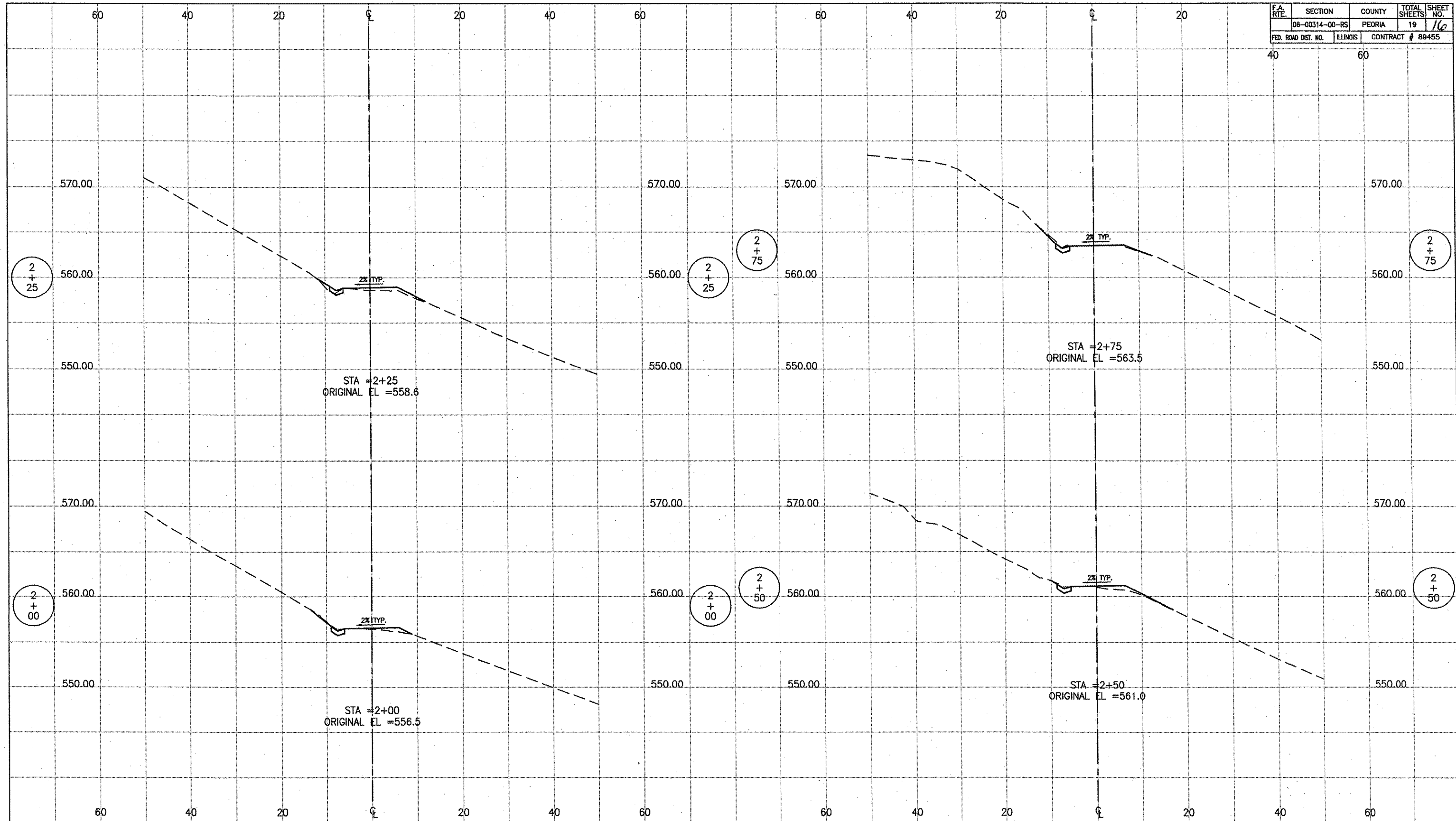
CROSS SECTIONS-ROSE HILL DR

SPRINGDALE CEMETERY
 3014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

STA. 1+00 TO STA. 1+75

SHEET 15 OF 19

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00314-00-RS	PEORIA	19	16	
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



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REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED AJS
 DRAWN AJS, KSB, JLA
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 DATE 01/04/07



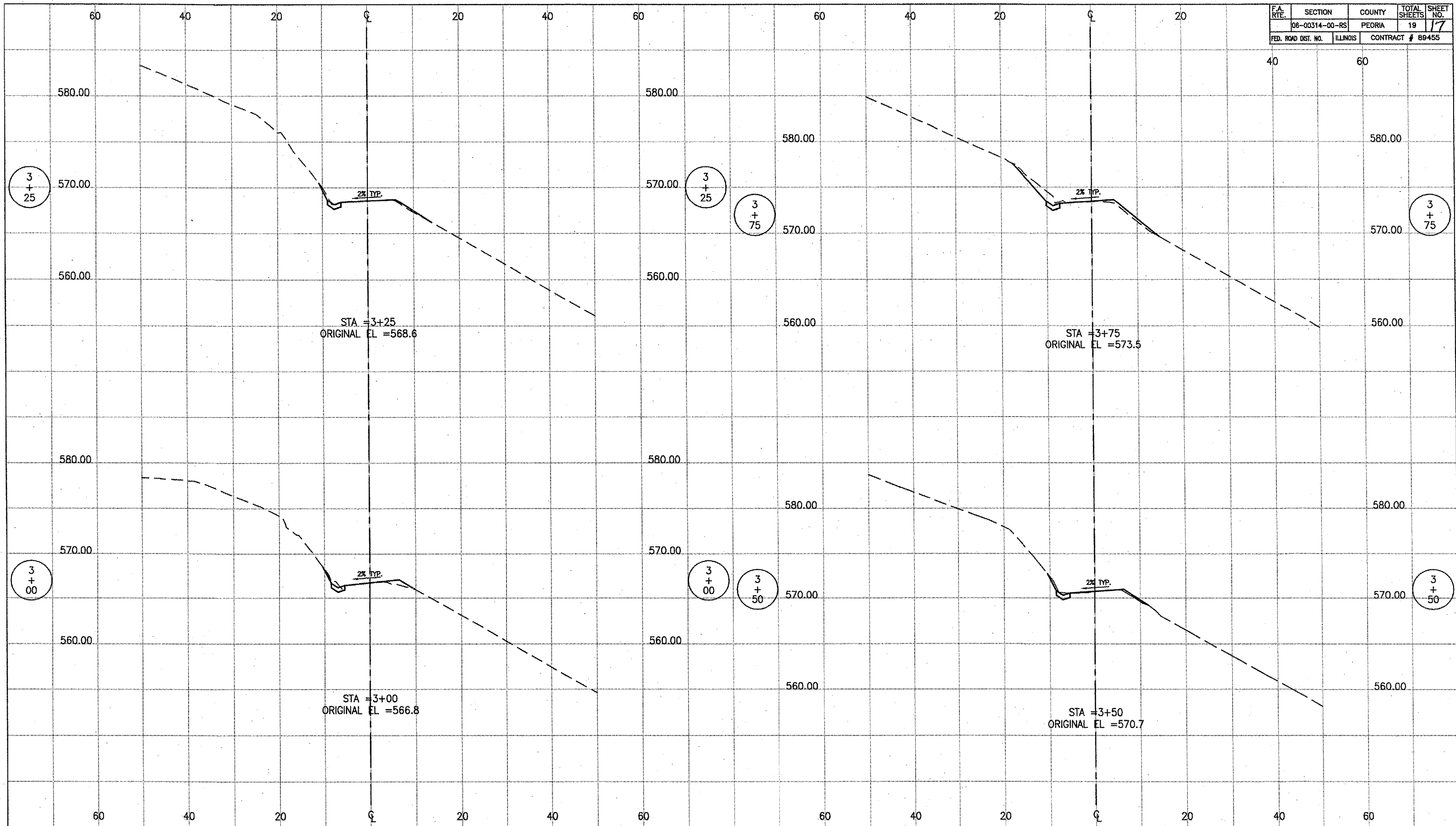
ILLINOIS PROFESSIONAL DESIGN FIRM LS/PESE, LICENSE #184-001138

CROSS SECTIONS-ROSE HILL DR



SPRINGDALE CEMETERY
 3014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	17
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



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REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

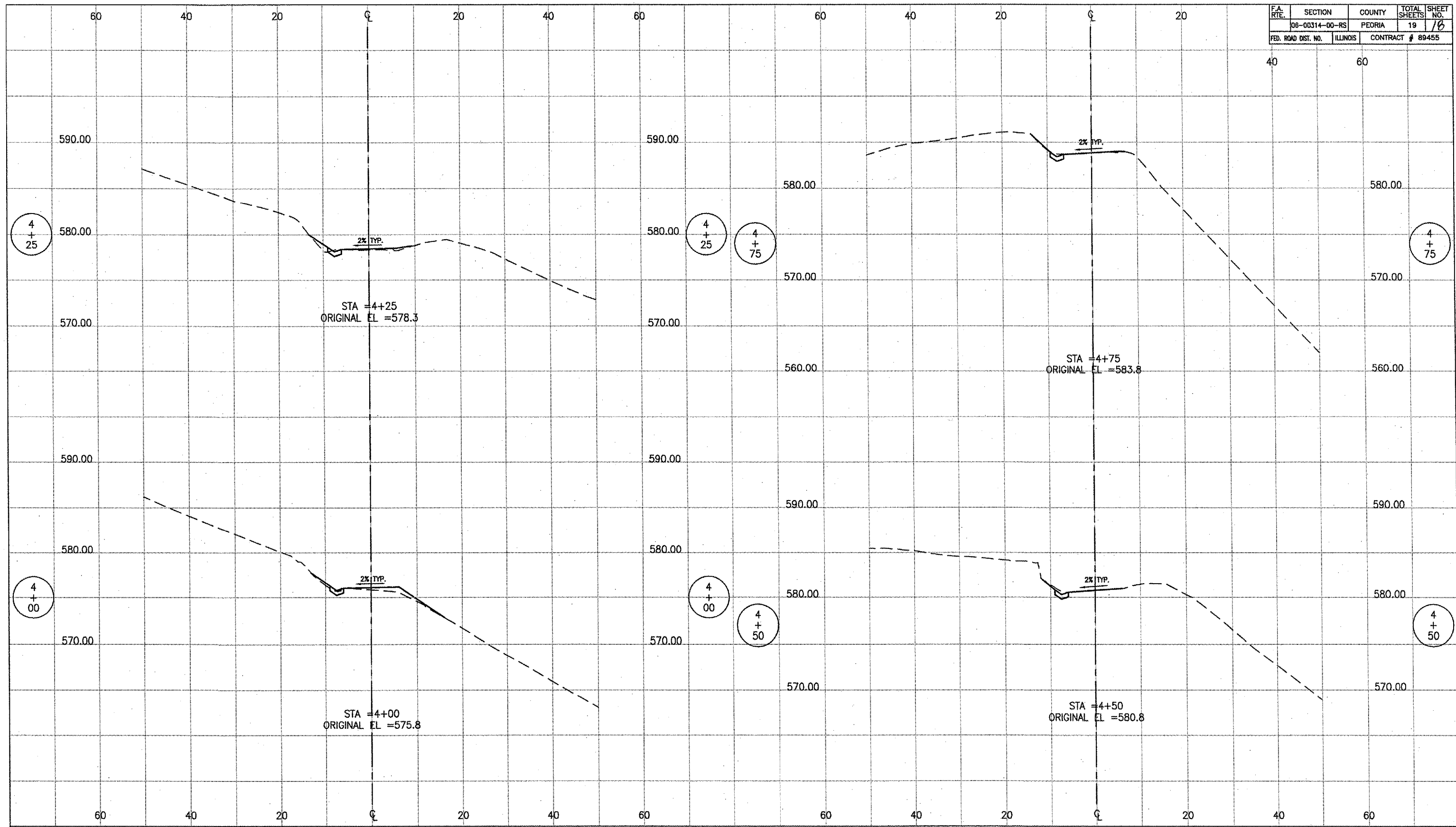
DESIGNED AJS
 DRAWN AJS, KSR, JLA
 CHECKED EEA
 DATE 01/04/07

MACTEC
 ENGINEERING AND CONSULTING, INC.
ILLINOIS PROFESSIONAL DESIGN FIRM L&P/E/S/E, LICENSE #184-00138

CROSS SECTIONS-ROSE HILL DR

SPRINGDALE CEMETERY
3014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00314-00-RS		PEORIA	19	18
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		



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REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

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 CHECKED EEA
 DATE 01/04/07

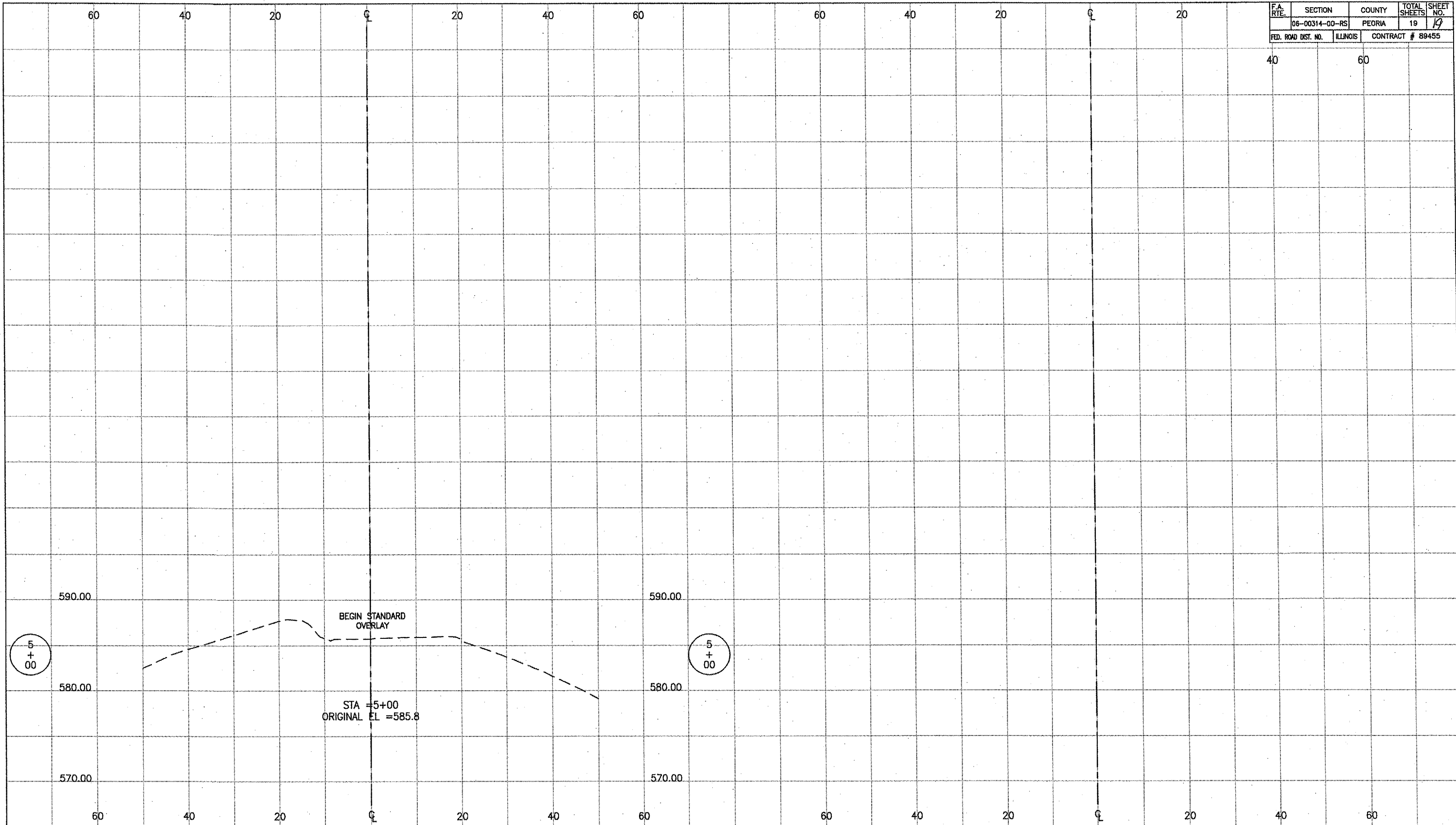
MACTEC
 ENGINEERING AND CONSULTING, INC.
ILLINOIS PROFESSIONAL DESIGN FIRM L9/PE/SE, LICENSE #184-001138

CROSS SECTIONS-ROSE HILL DR

SPRINGDALE CEMETERY
 2014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00314-00-RS	PEORIA	19	19
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT # 89455		

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REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED AJS
 DRAWN AJS, KSB, JLA
 CHECKED EEA
 DATE 01/04/07

MACTEC
 ENGINEERING AND CONSULTING, INC.
 ILLINOIS PROFESSIONAL DESIGN FIRM LS/PE/SE, LICENSE #134-001133

CROSS SECTIONS-ROSE HILL DR

SPRINGDALE CEMETERY
 3014 N. PROSPECT RD.
 PEORIA, ILLINOIS
 FOUNDED 1854
 REBORN 2003

STA. 5+00 TO STA. 5+00

SHEET 19 OF 19