

SUMMARY OF QUANTITIES

CONTRACT NO. 76394				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ST. CLAIR	101	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• FAU 9251 / FAS 1848				
• 28-3BR-I, 28-4BR				

SUMMARY OF QUANTITIES			801.FED./201.STATE	BRS			RS			CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	28-3BR-I 1000-2A	28-3BR-I X071-2A	SFTY-3N	28-4BR 1000-2A	28-4BR X071-2A	SFTY-3N		
20200100	EARTH EXCAVATION	CU YD	170	45			125				
20300100	CHANNEL EXCAVATION	CU YD	2215		985			1230			
20400800	FURNISHED EXCAVATION	CU YD	1170	915			255				
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	211		121			90			
25000200	SEEDING, CLASS 2	ACRE	0.75	0.375			0.375				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68	34			34				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68	34			34				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68	34			34				
25100115	MULCH, METHOD 2	ACRE	0.75	0.375			0.375				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	230	115			115				
28000300	TEMPORARY DITCH CHECKS	EACH	5	5							
28000400	PERIMETER EROSION BARRIER	FOOT	2171	895			1276				
28100109	STONE RIPRAP, CLASS A5	SQ YD	3010		1585			1425			
28200200	FILTER FABRIC	SQ YD	3195		1585			1610			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2	1			1				
40600300	AGGREGATE (PRIME COAT)	TON	7	4			3				
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	660	405			255				
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	73	73							
40600990	TEMPORARY RAMP	SQ YD	325	140			185				
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	15	5			10				
42000100	PORTLAND CEMENT CONCRETE PAVEMENT 6"	SQ YD	89	89							
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	587		320			267			
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	118		64			54			
44000100	PAVEMENT REMOVAL	SQ YD	1032	1014			618				
44004000	PAVED DITCH REMOVAL	FOOT	70	70							
44004250	PAVED SHOULDER REMOVAL	SQ YD	936	470			466				
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	1001	413			588				
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	641	388			253				
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1						
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1					1			
50200100	STRUCTURE EXCAVATION	CU YD	594		330			264			
50300100	FLOOR DRAINS	EACH	18		18						
50300225	CONCRETE STRUCTURES	CU YD	299.7		164.9			134.8			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	380.8		227.8			153			

PLOT DATE = 3/9/2006
FILE NAME = c:\p\projects\76394\plan\p1085a.dgn
PLOT SCALE = 50.000' / IN.
REFERENCE = #REF*

4-20-06

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	28-3BR-1	ST. CLAIR	101	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE

LOCATION	CHANNEL EXCAVATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE (+) OR SHORTAGE (-)
STATION TO STATION	CU YD	CU YD	CU YD	CU YD	CU YD
SN 082-0398 CHANNEL					
STA 0+20.00 TO STA 1+90.00	985				
SN 082-0398 MAINLINE					
STA 242+00.00 TO STA 245+80.30		30.5	22.9	488.9	-466.0
STA 246+87.30 TO STA 251+00.00		14.5	10.9	459.9	-449.0
SUBTOTAL	985	45	33.8	948.8	-915

STAGING SCHEDULE

LOCATION	BITUMINOUS BASE COURSE SUPERPAVE, 9 1/2"	PAVEMENT REMOVAL	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE)	IMPACT ATTENUATOR, RELOCATE (NON-REDIRECTIVE)
STAGE I	SQ YD	SQ YD	FOOT	FOOT	FOOT	EACH	EACH
SN 082-0057 (E) SN 082-0398 (P)	204				512.5	2	
STAGE II	134	134	225	612.5			2
TOTAL	338	134 *	225	612.5	512.5	2	2

* NOT A TOTAL QUANTITY FOR THIS STRUCTURE. SEE RESURFACING SCHEDULE.

RESURFACING SCHEDULE

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE	BITUMINOUS SHOULDERS	AGGREGATE SHOULDERS, TYPE A, 6"	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	PORTLAND CEMENT CONCRETE PAVEMENT 6"
STATION TO STATION	TON	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
SECTION 28-3BR-1 SN 082-0398										
STA 242+00.00 TO STA 242+80.00	0.04	0.20	11.4	0.0	17.9	33.3		33.3	133.3	
STA 242+80.00 TO STA 243+00.00	0.04	0.21	12.0	0.0	12.0	39.9		50.0	133.3	
STA 243+00.00 TO STA 243+80.00	0.07	0.23	12.9	47.0	18.1	33.3		50.0		
STA 243+80.00 TO STA 244+00.00	0.07	0.25	13.9	68.9	15.8	33.3		33.3		
STA 244+00.00 TO STA 244+80.00	0.08	0.27	14.9	167.6	41.2	30.7		20.7		
STA 244+80.00 TO STA 245+00.00	0.08	0.28	15.9	167.3	46.2	16.7		16.7		
STA 245+00.00 TO STA 245+28.80	0.04	0.17	9.6	147.4	36.5	9.6		9.6		
STA 245+28.80 TO STA 246+14.00							383.4	31.4		
STA 246+14.00 TO STA 247+38.80							405.2	26.3		
STA 247+38.80 TO STA 247+50.00	0.02	0.07	3.8	107.0	34.1	3.7		3.7		
STA 247+50.00 TO STA 248+00.00	0.08	0.35	16.9	179.4	47.3	16.7		16.7		
STA 248+00.00 TO STA 248+50.00	0.08	0.35	16.9	201.3	42.0	29.3		20.0		
STA 248+50.00 TO STA 249+00.00	0.08	0.35	16.9	87.8	16.6	33.3		33.3		
STA 249+00.00 TO STA 249+50.00	0.08	0.35	16.9	79.1	13.7	33.3		16.7		
STA 249+50.00 TO STA 250+00.00	0.08	0.35	16.9	26.1	17.7	33.3	91.4	41.7		89
STA 250+00.00 TO STA 250+50.00	0.08	0.29	16.6	12.1	13.8	33.3		33.3		
STA 250+50.00 TO STA 251+00.00	0.08	0.28	15.5	0.0	15.1	33.3		33.3	138.4	
TOTAL	1	4	211	1291	388	413	880 *	470	405	89

* NOT A TOTAL QUANTITY FOR THIS STRUCTURE. SEE STAGING SCHEDULE.

EROSION CONTROL SCHEDULE

LOCATION	RIGHT OR LEFT	TEMPORARY DITCH CHECKS EACH	PERIMETER EROSION BARRIER FOOT
STA 245+00	RT	1	
STA 245+35	RT	1	
STA 245+70	RT	1	
STA 247+45	RT	1	
STA 247+90	RT	1	
STA 243+25 TO STA 245+00	RT		175
STA 243+25 TO STA 245+65	LT		240
STA 247+00 TO STA 249+30	LT		230
STA 248+50 TO STA 251+00	RT		250
TOTAL		5	895

TEMPORARY RAMP SCHEDULE

LOCATION	WIDTH FOOT	LENGTH FOOT	TEMPORARY RAMP SQ YD
STAGE II			
STA 244+46	30	18	60
STA 245+26	5	18	10
STA 247+36	5	18	10
STA 248+16	30	18	60
TOTAL			140

ALL QUANTITIES ON THIS SHEET ARE NOT TOTAL PROJECT QUANTITIES.
THE QUANTITIES ON THIS SHEET ARE THE TOTAL FOR SN 082-0398.

REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION

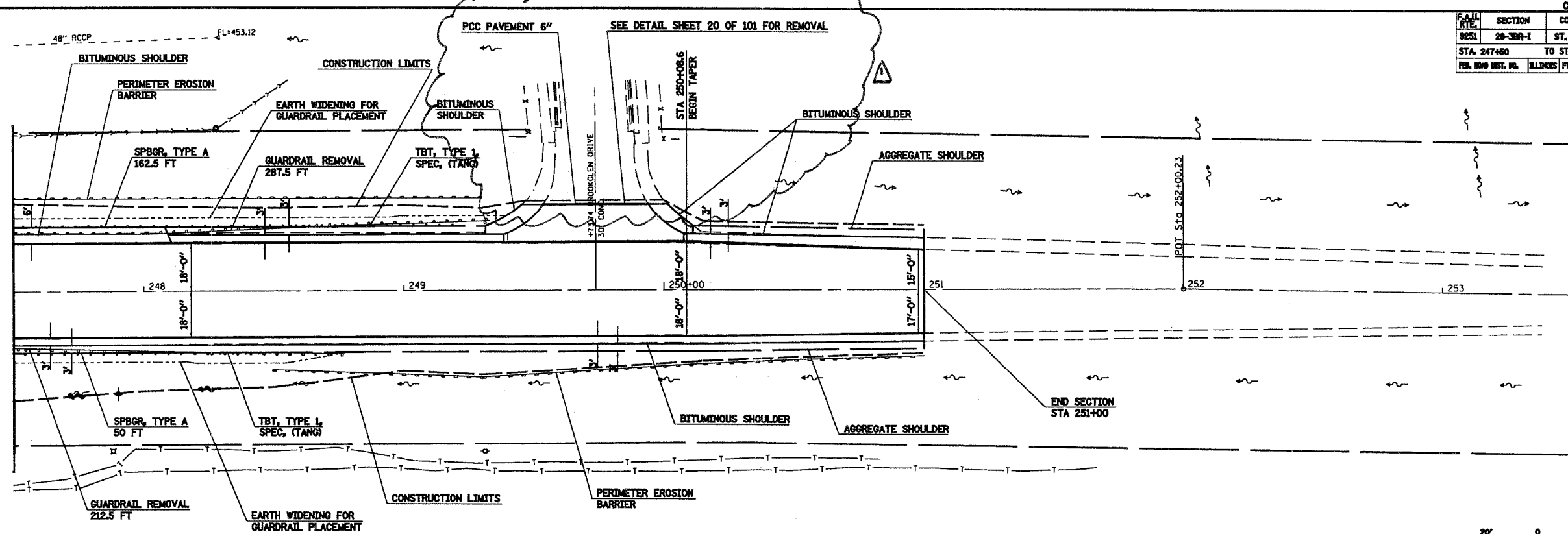
SCHEDULE OF QUANTITIES

FAU ROUTE 9251
SECTION 28-3BR-1
ST. CLAIR COUNTY
SN 082-0057(E) 0398(P)

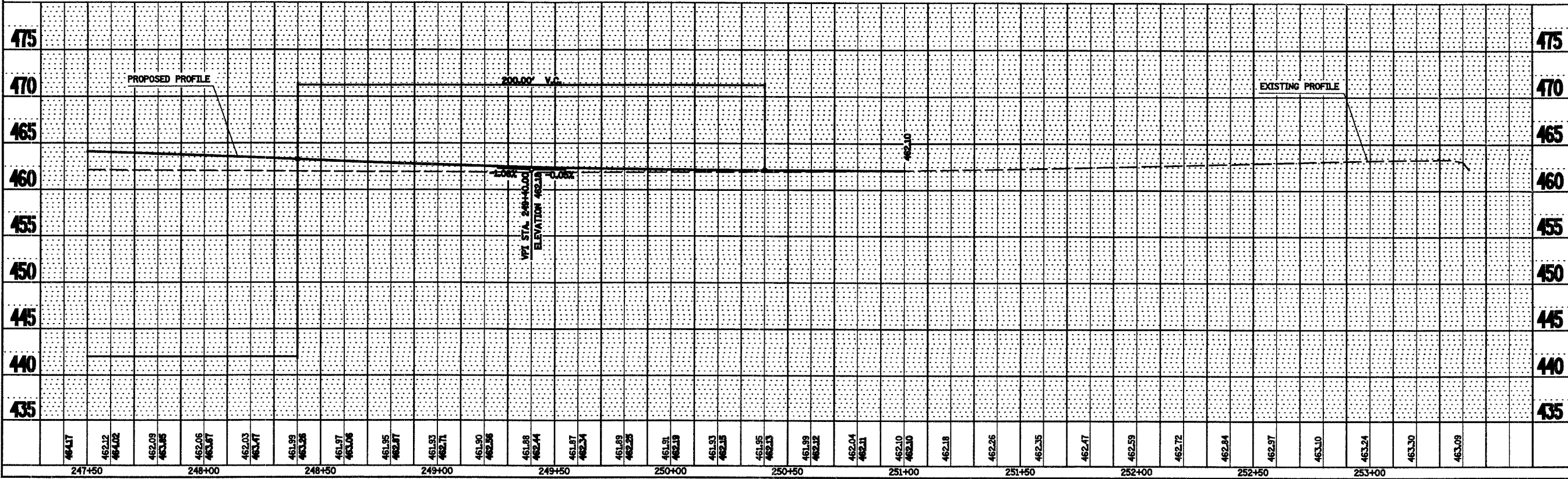
Rev. 4-21-06

CONTRACT NO. 76394				
F.A.D. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	28-38R-1	ST. CLAIR	101	13
STA. 247+80		TO STA. 253+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MATCHLINE 247+50



TEMPORARY DITCH CHECK



Rev. 4-21-06

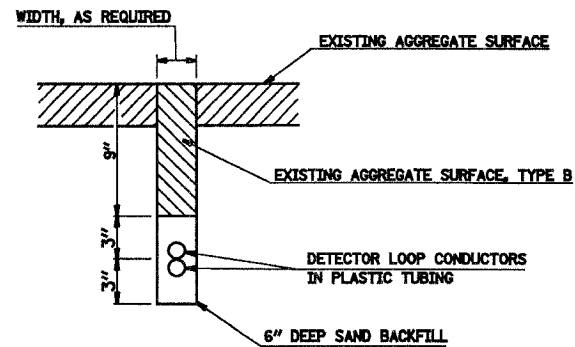
SN 082-0398 MAINLINE PLAN & PROFILE

PLAN	DATE
BY	
CHECKED	
NOTED	
FILED	

PROFILE	DATE
BY	
CHECKED	
NOTED	
FILED	

PLT DATE = 4/22/08
 FILE NAME = 082-0398-013.dwg
 PLT SCALE = 1" = 20' / 1" = 40'
 PLOT NAME = 082-0398-013.dwg

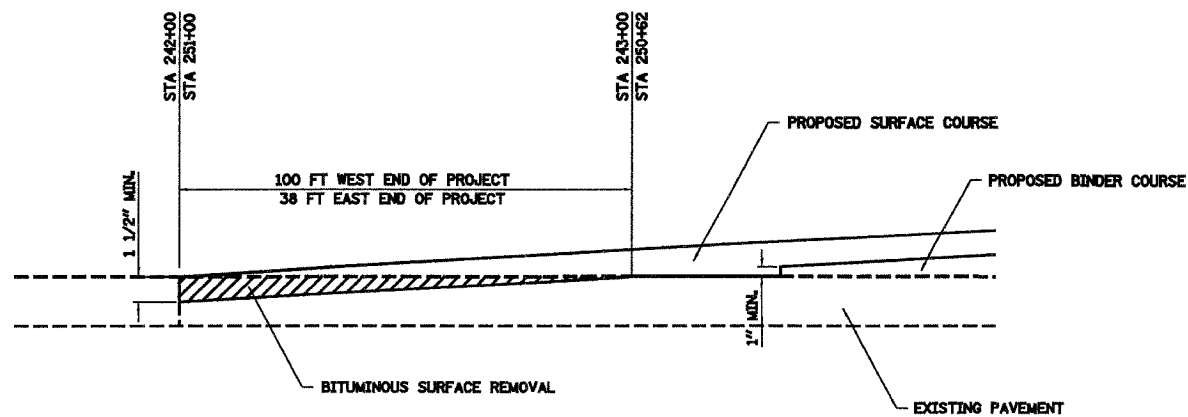
CONTRACT NO. 76394				
FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	28-3BR-I	ST. CLAIR	101	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



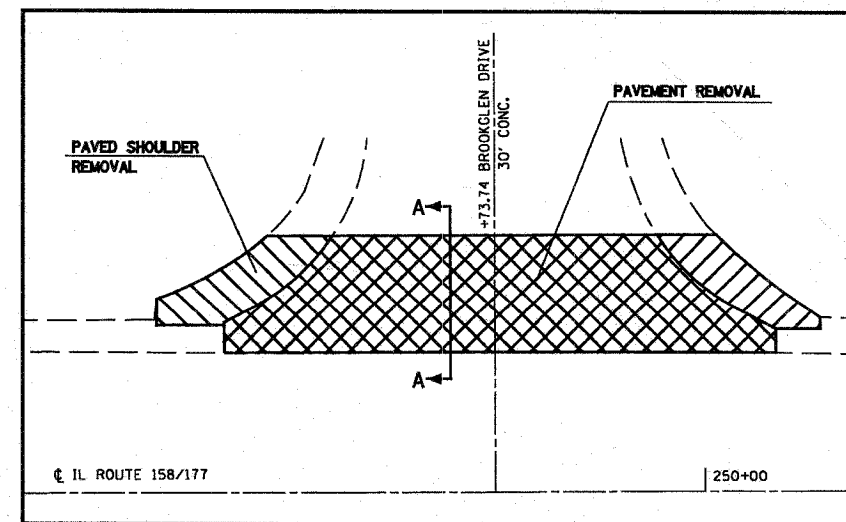
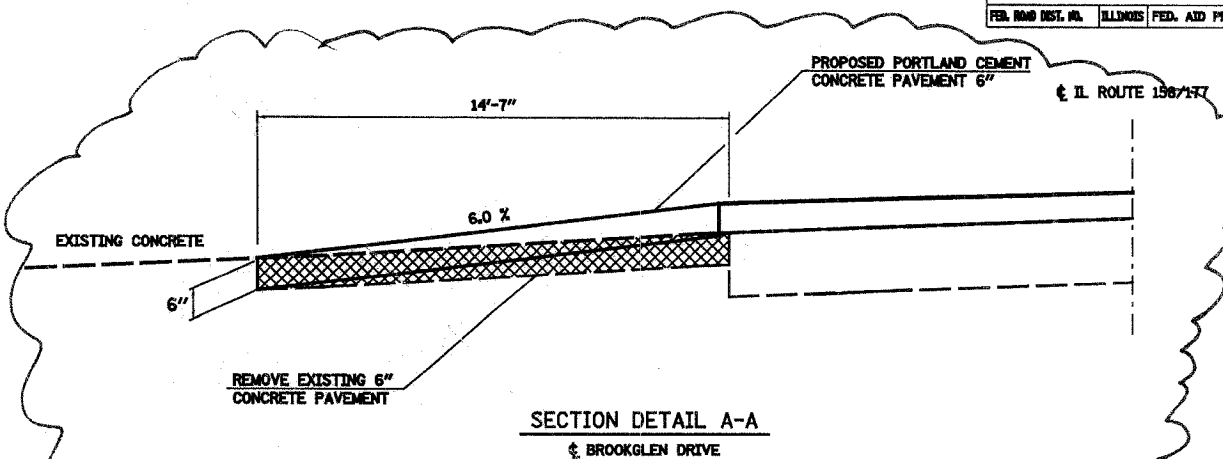
DETAIL
DETECTOR LOOP INSTALLED IN TRENCH

INSTALLATION IS TO BE DONE IN CONFORMANCE WITH THE REQUIREMENTS OF THE PLANS AND SECTION 886 OF THE STANDARD SPECIFICATIONS WITH THE FOLLOWING EXCEPTIONS:

1. SLOTS ARE TO BE TRENCHED INSTEAD OF SAWED.
2. THIS WORK SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF TEMPORARY BRIDGE TRAFFIC SIGNALS - 1 EACH.



BUTT JOINT DETAIL
SN 082-0057(E) 0398(P)



BROOKGLEN DRIVE REMOVAL DETAIL
PLAN VIEW

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

FAU ROUTE 9251
SECTION 28-3BR-I
ST. CLAIR COUNTY
SN 082-0057(E) 0398(P)

Rev. 4-21-06

FINAL
SURVEY
NOTE BOOK
NO.

DATE
BY

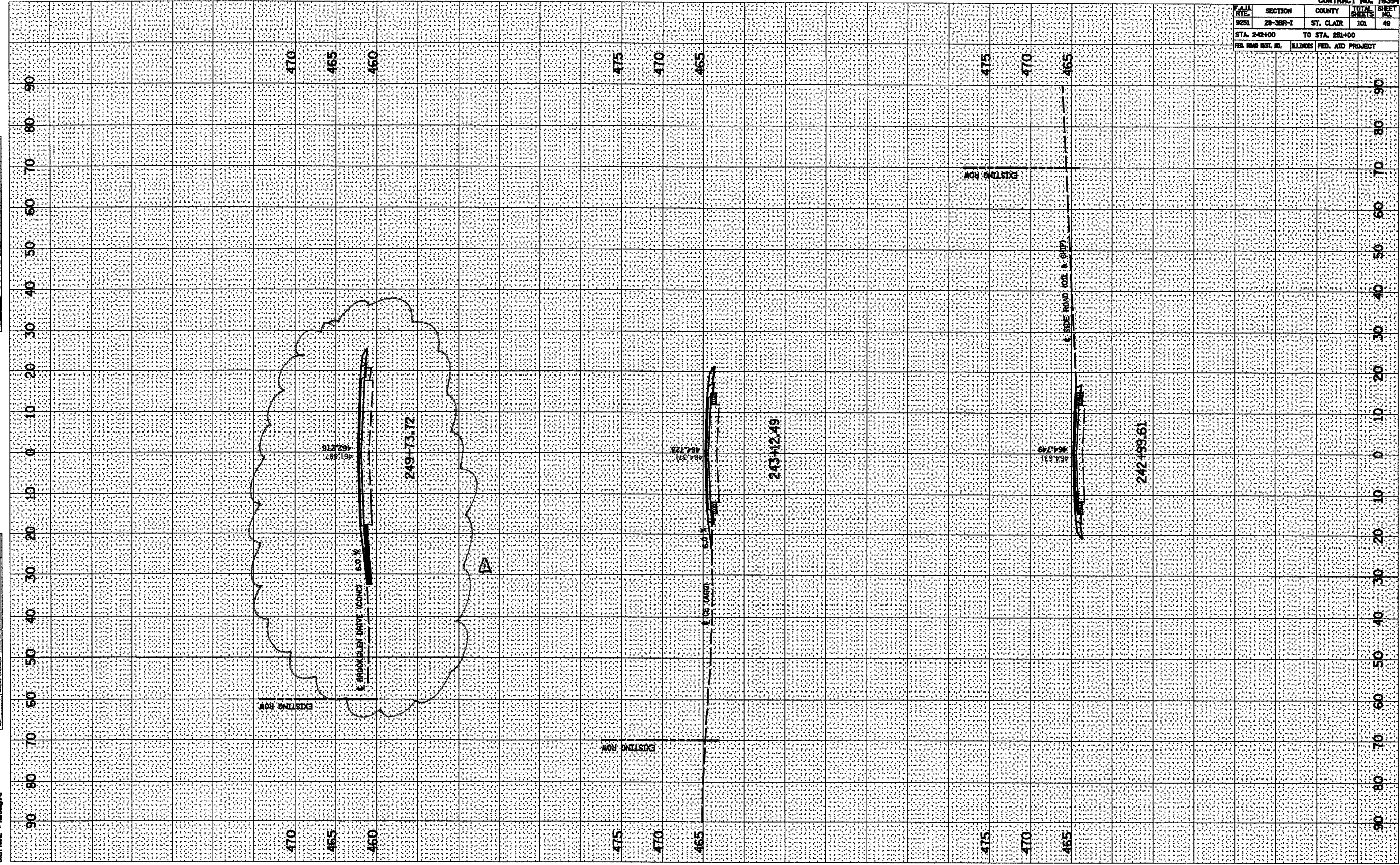
SURVEYED
PLOTTER
TEMPERATURE
WIND
HUMIDITY

ORIGINAL
SURVEY
NOTE BOOK
NO.

DATE
BY

SURVEYED
PLOTTER
TEMPERATURE
WIND
HUMIDITY

PLOT DATE: 4/2/2008
FILE NAME: SN 082-0398 ENTRANCES
PLOT SCALE: 1" = 40' / 1" = 160'
PLOT NAME: ENTRANCES



CONTRACT NO. 76394				
FILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	28-38R-1	ST. CLAIR	101	49
STA. 242+00		TO STA. 254+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Rev. 4-21-06

SN 082-0398 ENTRANCES