

INDEX OF SHEETS

1	TITLE SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	TYPICAL SECTIONS AND HOT-MIX ASPHALT REQUIREMENTS
6-8	EARTHWORK SCHEDULE
9-15	ALIGNMENT, BENCHMARKS & TIES
16	LOCATION DRAWING
17-21	PLAN & PROFILE - CRABTREE TRAIL
22-39	PLAN & PROFILE - PAUL DOUGLAS TRAIL
40	PARKING LOT PLAN
41	STRUCTURAL NOTES
42	WETFOOT DAM RETAINING WALL PLANS
43	CONCRETE BLOCK WALL DETAIL
44	WINGWALL EXTENSION DETAILS
45	BICYCLE RAILING DETAILS
46	SHEET PILING DETAILS
47	ILL. RTE. 62 & ROSELLE RD. - TRAFFIC SIGNAL MODIFICATION PLAN
48	ILL. RTE. 62 & ROSELLE RD. - SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM
49-55	EROSION CONTROL PLAN
56-62	PAVEMENT MARKING & SIGNING PLAN
63	FOREST PRESERVE CONSTRUCTION DETAILS
64	DETAIL OF PRIVATE DRIVE AND SUMMARY OF DRIVEWAY PAVEMENT
65	TRAIL HEAD SIGN DETAILS
66	DISTRICT ONE CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
67	BENCHING DETAIL FOR EMBANKMENT WIDENING
68	DROP MANHOLE DETAILS
69	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
70-73	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
74-80	CRABTREE TRAIL - CROSS-SECTIONS
81-105	PAUL DOUGLAS TRAIL - CROSS-SECTIONS
106-107	EXISTING TRAFFIC SIGNAL PLAN
STANDARDS	
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
424001-04	SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-01	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542401	METAL END SECTION FOR PIPE CULVERTS
604001-02	FRAME AND LIDS TYPE 1
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001-01	CHAIN LINK FENCE
701001-01	OFF-RD OPERATIONS, 2L, 2W, 4.5m (15') AWAY FOR SPEEDS ≥ 45 MPH
701006-02	OFF-RD OPERATIONS, 2L, 2W, 4.5m (15') TO PAVEMENT EDGE FOR SPEEDS ≥ 45 MPH
701101-01	OFF-RD OPERATIONS, MULTILANE, LESS THAN 4.5m (15') AWAY FOR SPEEDS ≥ 45 MPH
701106-01	OFF-RD OPERATIONS, MULTILANE, MORE THAN 4.5m (15') AWAY FOR SPEEDS ≥ 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-04	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
702001-06	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001	APPLICATIONS FOR TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

GENERAL NOTES

- ALL EXCESS MATERIAL SHALL BE WASTED OUTSIDE THE LIMITS OF THE COOK COUNTY FOREST PRESERVE DISTRICT UNLESS OTHERWISE SPECIFIED OR AS DIRECTED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES, OBTAIN PERMISSION TO USE SUCH DUMP SITES, AND UPON THE COMPLETION OF THE WORK, SUBMIT RELEASE FROM THE RESPECTIVE OWNERS OF THESE DUMP SITES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS OWN EXPENSE.
- FINISHED GRADE: THE ELEVATION SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED TRAIL AND GROUND SURFACE UNLESS OTHERWISE INDICATED ON THE PLANS. THE PLACEMENT OF PIPE CULVERTS AND BLIND CONNECTIONS SHALL BE DETERMINED BY THE ENGINEER, IN THE FIELD, IN ORDER TO ACHIEVE POSITIVE DRAINAGE.
- THE EFFECTED FOREST PRESERVE DISTRICT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY TREE REMOVAL AFTER ALL TREES TO BE REMOVED HAVE BEEN MARKED.
- MINIMAL GRADING IS TO BE PERMITTED WITHIN AN APPROXIMATE RADIUS OF SIX FEET OF ALL TREES NOT TO BE REMOVED AND AS DETERMINED BY THE ENGINEER.
- ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT ORANGE VESTS MEETING ANSI CLASS II REQUIREMENTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES, INCLUDING ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- UNLESS OTHERWISE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL TRAFFIC SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- QUANTITIES SHOWN ON THE PLANS ARE BASED ON THE FIELD INSPECTION AT THE TIME OF PLAN PREPARATION AND ARE TO BE USED FOR PREPARATION PROPOSALS. HOWEVER, AS DETERMINED BY THE ENGINEER, QUANTITIES MAY CHANGE BASED UPON CONDITIONS UNCOVERED AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON FOREST PRESERVE DISTRICT PROPERTY WITHOUT WRITTEN PERMISSION FROM THE FOREST PRESERVE DISTRICT OF COOK COUNTY.
- WETLANDS HAVE BEEN IDENTIFIED ON THIS PROJECT AND IMPACTS TO THEM SHALL BE AVOIDED. THE CONTRACTOR SHALL LIMIT EQUIPMENT AND VEHICLES TO THE AREAS DEFINED BY THE TEMPORARY FENCING AND ALLOWED TURNAROUND AREAS SPECIFIED BY THE ENGINEER. THE LIMITS OF EROSION CONTROL INSTALLATION SHALL BE VERIFIED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND ALL LOCAL AGENCIES.
- TEMPORARY EROSION CONTROL SHALL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ADOPTED JANUARY 1, 2007), SECTION 280.
- ALL EMBANKMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ADOPTED JANUARY 1, 2007), SECTION 205. BENCHING SHALL BE INCLUDED IN THE UNIT PRICE OF EARTH EXCAVATION.

- ANY EXISTING BITUMINOUS SURFACE TO BE REMOVED ON STOVER ROAD SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION.

- LOCAL AGENCIES
VILLAGE OF HOFFMAN ESTATES
1900 HASSELL ROAD
HOFFMAN ESTATES, IL 60195
(847) 882-9100
VILLAGE OF SOUTH BARRINGTON
30 SOUTH BARRINGTON ROAD
SOUTH BARRINGTON, IL 60010
(847) 381-7510
COOK COUNTY HIGHWAY DEPARTMENT
69 W. WASHINGTON STREET, ROOM 2300
CHICAGO, IL 60602
(312) 603-1600

Revised 2/23/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG
INDEX OF SHEETS, STANDARDS
AND GENERAL NOTES

SCALE NONE
DATE 3/27/06
DRAWN BY RTA
CHECKED BY SMH

EXP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94-F3000-06-BT	COOK	105	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	83709	STPE-0001(479)	

SUMMARY OF QUANTITIES

EXP. DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94-F3000-06-BT	COOK	105	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	83709	STPE-0001(479)

CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	BIKE PATH Y052-TEA	SIGNING Y002-1C	SIGNAL Y031-1F		
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	2,506	2,506				
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	266	266				
20101000	TEMPORARY FENCE	FOOT	27,215	27,215				
20200100	EARTH EXCAVATION	CU YD	6,885	6,885				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	439	439				
20400800	FURNISHED EXCAVATION	CU YD	4,726	4,726				
20700220	POROUS GRANULAR EMBANKMENT	CU YD	107	107				
20800150	TRENCH BACKFILL	CU YD	86	86				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	860	860				
* 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	7,745	7,745				
25000312	SEEDING, CLASS 4A	ACRE	5.50	5.50				
* 25000314	SEEDING, CLASS 4B	ACRE	0.30	0.30				
* 25000400	NITROGEN FERTILIZER NUTRIENT	LB	640	640				
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	LB	640	640				
25000600	POTASSIUM FERTILIZER NUTRIENT	LB	640	640				
* 25001800	SEEDING, CLASS 4 (MODIFIED)	ACRE	1.30	1.30				
* 25002300	TEMPORARY SEEDING	ACRE	4.00	4.00				
* 25100630	EROSION CONTROL BLANKET	SQ YD	1,500	1,500				
* 28000300	TEMPORARY DITCH CHECKS	EACH	3	3				
28000400	PERIMETER EROSION BARRIER	FOOT	48,800	48,800				
28000500	INLET AND PIPE PROTECTION	EACH	32	32				
* 28000720	MULCH, METHOD 2	ACRE	7.10	7.10				
28100107	STONE RIPRAP, CLASS A4	SQ YD	33	33				
28200200	FILTER FABRIC	SQ YD	33	33				
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	34,150	34,150				
40600100	BITUMINOUS MATERIAL, PRIME COAT	GALLON	3,640	3,640				
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	120	120				
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3,956	3,956				
42001300	PROTECTIVE COAT	SQ YD	313	313				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	790	790				
42400800	DETECTABLE WARNINGS	SQ FT	150	150				
44000100	PAVEMENT REMOVAL	SQ YD	366	366				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	111	111				
44000600	SIDEWALK REMOVAL	SQ FT	100	100				
50102400	CONCRETE REMOVAL	CU YD	0.8	0.8				
* 50105220	PIPE CULVERT REMOVAL	FOOT	36	36				
50200100	STRUCTURE EXCAVATION	CU YD	67	67				
50300225	CONCRETE STRUCTURES	CU YD	4.0	4.0				
50800205	REINFORCEMENT BARS, EPOXY COATED	LB	260	260				
50800515	BAR SPlicERS	EACH	25	25				
* 50901725	BICYCLE RAILING, SPECIAL	FOOT	170	170				
54001000	BOX CULVERT END SECTIONS	EACH	2	2				
54010803	PRECAST CONCRETE BOX CULVERT 8' X 3'	FOOT	50	50				
54010804	PRECAST CONCRETE BOX CULVERT 8' X 4'	FOOT	39	39				
54200427	PIPE CULVERTS, TYPE 1 RCCP 12"	FOOT	146	146				
54200430	PIPE CULVERTS, TYPE 1 RCCP 15"	FOOT	101	101				
54200439	PIPE CULVERTS, TYPE 1 RCCP 24"	FOOT	204	204				
54207159	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE-ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	FOOT	36	36				
54207165	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE-ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	FOOT	38	38				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	EACH	8	8				
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTION 15"	EACH	6	6				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	EACH	14	14				
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	2	2				
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	4	4				
* 60109582	PIPE UNDERDRAINS FOR STRUCTURES, 6"	FOOT	228	228				
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	4				

CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	BIKE PATH Y052-TEA	SIGNING Y002-1C	SIGNAL Y031-1F		
* 60226400	MANHOLES, DROP TYPE, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
60603800	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	FOOT	28	28				
60605000	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	FOOT	807	807				
63200310	GUARDRAIL REMOVAL	FOOT	200	200				
63301990	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	1	1				
* 66410410	CHAIN LINK FENCE TO BE RELOCATED	FOOT	400	400				
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6	6				
* 67100100	MOBILIZATION	L SUM	1	1				
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1				
* 72000100	SIGN PANEL TYPE 1	SQ FT	292		292			
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	6		6			
72900100	METAL POST - TYPE A	FOOT	844		844			
* 78001100	PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	173	173				
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	31,573	31,573				
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	31	31				
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	841	841				
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	1,400	1,400				
* 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	25	25				
78300100	PAVEMENT MARKING REMOVAL	SQ FT	50	50				
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	6			6		
* 81900205	TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL)	FOOT	6			6		
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2		
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	345			345		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	357			357		
* 87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	1			1		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4			4		
* 87900200	DRILL EXISTING HANDHOLE	EACH	1			1		
* 88100200	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED	EACH	3			3		
* 88100600	PEDESTRIAN SIGNAL HEAD, 3-FACE, BRACKET MOUNTED	EACH	1			1		
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	5			5		
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2			2		
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1			1		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1		
* A2002716	TREE, CARYA OVATA (SHAGBARK HICKORY), 2" CALIPER, BALLED AND BURLAPED	EACH	73	73				
* A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPED	EACH	73	73				
* A2006708	TREE, QUERCUS MACROCARPA (BUR OAK), 1" CALIPER, BALLED AND BURLAPED	EACH	73	73				
* A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPED	EACH	73	73				
* D2002996	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 10' HEIGHT, BALLED AND BURLAPED	EACH	13	13				
* X0301059	BLOCK RETAINING WALL	SQ FT	460	460				
* X0321322	DROP GATE	EACH	8	8				
* X5121800	PERMANENT STEEL SHEET PILING	SQ FT	2,660	2,660				
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	20	20				
* XX000882	WOOD FENCE	FOOT	1014	1014				
* XX003437	REMOVE AND REINSTALL EXISTING PRECAST REINFORCED CONCRETE FLARED END SECTION	EACH	2	2				
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
* Z0062300	SAWING ASPHALT SURFACE	FOOT	30	30				
* XY006822	TRAIL HEAD MAP	EACH	1	1				
* XY006823	CONCRETE BARRIERS	EACH	15	15				
* X0696100	PARKING BLOCKS	EACH	22	22				

* DENOTES SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

SUMMARY OF QUANTITIES

SCALE NONE
DATE 3/31/06
DRAWN BY RTA
CHECKED BY SMH

revised 2/23/07

BICYCLE RAILING (SPECIAL)

10'

2' 5' 5' 2'

4% 2.0% 2" 4%

3:1 2:1

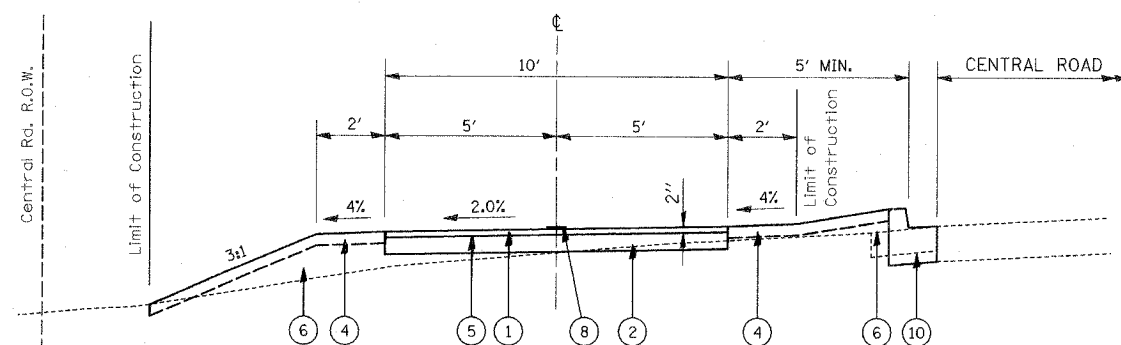
Limit of Construction

EXISTING BOX CULVERT

PROPOSED TRAIL SECTION OVER BOX CULVERT

Plan view of a 10' wide concrete curb and gutter section. The curb is 2' high and 2' wide. The gutter is 5' wide and 2' deep. The section is shown with a 4% slope on the left and a 2.0% slope on the right. The curb is labeled 'Limit of Construction' and 'Central Rd. R.O.W.'. The gutter is labeled 'Limit of Construction' and 'CENTRAL ROAD'. The section is numbered 1 through 8.

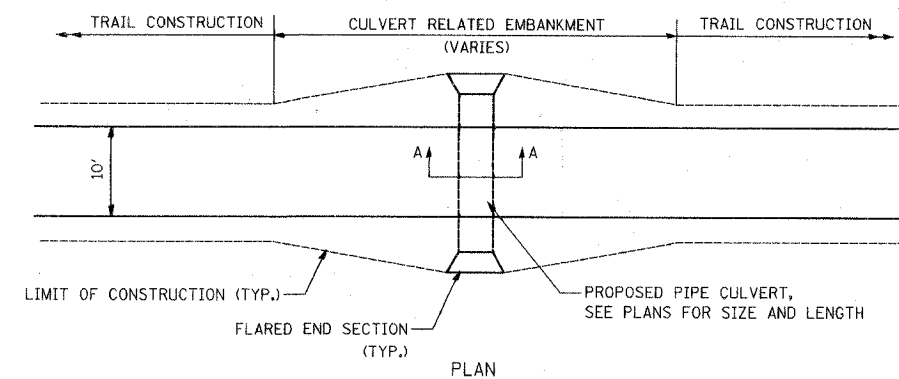
* ALSO APPLIES AT ROSELLE ROAD
PAUL DOUGLAS STA. 337+50 TO STA. 340+50



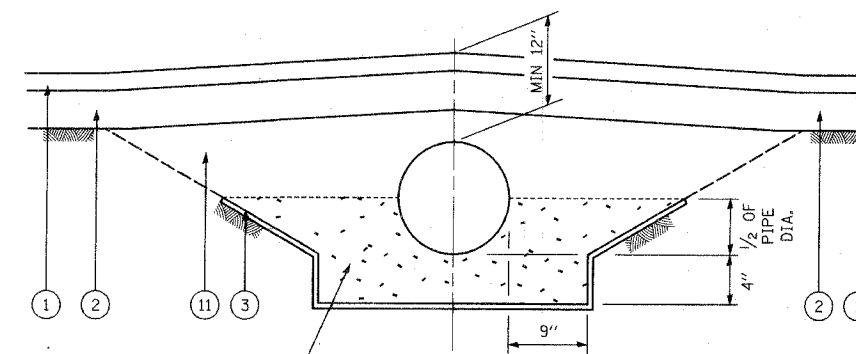
Hot-Mix Asphalt Mixture Requirements			
CODE NUMBER	MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19, N50	PG 64-22/58-22*	4% @ 50 Gyr.
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 Gyr.

The diagram illustrates a drainage system layout. It shows a horizontal pipe with a 1.5% slope (MIN.) and a 4% slope. A vertical line indicates the 'Limit of Construction'. Dimensions include 2" and 2 1/4" for vertical offsets, and 2' for a horizontal distance. Callouts 1, 9, 2, and 4 are present at various points along the pipe.

CRABTREE STA. 0+00 TO STA. 1+05



PLAN



FINE AGGREGATE — (SEE NOTE 2)

SECTION A-A

TYPICAL CULVERT INSTALLATION

- (A) EXISTING DETERIORATED BITUMINOUS SURFACE
- (B) EXISTING ROADWAY AGGREGATE BASE COURSE
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- (2) AGGREGATE BASE COURSE, TYPE B 6"
- (3) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (4) TOPSOIL, 4" (PAID UNDER TOPSOIL EXCAVATION AND PLACEMENT)
- (5) BITUMINOUS MATERIAL, PRIME COAT
- (6) EMBANKMENT (PAID UNDER EARTH EXCAVATION)
- (7) POROUS GRANULAR EMBANKMENT, 6"
- (8) PAINT PAVEMENT MARKING - LINE 4"
- (9) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
- (10) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24
- (11) TRENCH BACKFILL

1. ADDITIONAL EMBANKMENT AND GRADING NECESSARY FOR THE CULVERT INSTALLATION SHALL BE INCIDENTAL TO THE PROPOSED DRAINAGE PIPE.
2. WITHIN WETLANDS LIMITS UNDERCUT AND BACKFILL SHALL PRECEDE BEDDING CONSTRUCTION.
3. PAYMENT FOR FINE AGGREGATE AS PIPE BEDDING SHALL BE INCIDENTAL TO THE PAYMENT OF PROPOSED PIPE CULVERTS.

TYPICAL SECTIONS AND MIX SELECTION

SCALE N.T.S. DRAWN BY MJM
DATE 3/27/06 CHECKED BY SMH

revised 2/23/07

SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94-F3000-06-BT	COOK		105	6
STA.		TO STA.		
FED. ROAD DIST. NO.		DISTRICT	83709	STPE-D001(479)

EARTHWORK SCHEDULE

FROM STATION	TO STATION	{SUITABLE} EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 15% SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL PLACED (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
CRABTREE TRAIL									
0+00	0+74	31		26	0	26	24	3	21
0+74	1+00	5		4	0	4	4	0	4
1+00	2+00	2		2	1	1	3	3	0
2+00	3+00	3		3	4	-1	7	8	-1
3+00	4+00	1		1	5	-4	3	9	-1
4+00	5+00	1		1	2	-1	8	9	-1
5+00	6+00	2		2	3	-1	6	7	-1
6+00	7+00	1		1	4	-3	6	7	-1
7+00	8+00	3		3	2	1	7	8	-1
8+00	9+00	2		2	7	-5	8	9	-1
9+00	10+00	6		5	6	-1	8	8	0
10+00	11+00	13		11	0	11	7	7	0
11+00	12+00	9		8	1	7	6	7	-1
12+00	13+00	26		22	1	21	14	8	6
13+00	14+00	24		20	18	2	21	10	11
14+00	15+00	3		3	19	-16	20	9	11
15+00	16+00	8		7	2	5	18	7	11
16+00	17+00	7		6	5	1	20	8	12
17+00	18+00	6		5	7	-2	20	9	11
18+00	19+00	15		13	3	10	21	9	12
19+00	20+00	15		13	6	7	21	10	11
20+00	21+00	14		12	7	5	22	10	12
21+00	22+00	19		16	2	14	21	13	8
22+00	23+00	9		8	68	-60	27	16	11
23+00	23+49	0	25	0	90	-90	16	12	4
23+49	24+00	0	27	0	106	-106	18	11	7
24+00	25+00	0	16	0	97	-97	30	22	8
25+00	26+00	10		9	7	2	19	16	3
26+00	27+00	22		19	0	19	19	10	9
27+00	28+00	20		17	1	16	20	8	12
28+00	29+00	17		14	1	13	19	7	12
29+00	30+00	24		20	0	20	18	7	11
30+00	31+00	15		13	10	3	20	9	11
31+00	32+00	22		19	10	9	21	10	11
32+00	33+00	48		41	0	41	23	12	12
33+00	34+00	35		30	1	29	22	10	12
34+00	35+00	12		10	3	7	20	8	12
35+00	36+00	10		9	2	7	18	7	11
36+00	37+00	18		15	0	15	18	7	11
37+00	38+00	14		12	2	10	19	7	12
38+00	39+00	7		6	2	4	19	7	12
39+00	40+00	25		21	1	20	20	8	12
40+00	41+00	28		24	0	24	20	8	12
41+00	42+00	7		6	4	2	19	8	11
42+00	43+00	3		3	5	-2	20	8	12
43+00	44+00	19		16	2	14	20	8	12
44+00	45+00	16		14	3	11	20	8	12
45+00	46+00	4		3	5	-2	20	8	12
46+00	47+00	3	21	3	8	-5	19	8	11
47+00	48+00	1	11	1	9	-8	21	9	12
48+00	49+00	9		8	3	5	18	8	10
49+00	50+00	13		11	3	8	19	8	11
50+00	51+00	14		12	2	10	19	8	11
51+00	52+00	24		20	0	20	19	8	11
52+00	53+00	25		21	0	21	19	8	11
53+00	54+00	22		19	0	19	19	7	12
54+00	55+00	21		18	0	18	18	7	11
55+00	56+00	13		11	1	10	18	7	11
56+00	57+00	13		11	1	10	18	7	11
57+00	58+00	10		9	2	7	18	7	11
58+00	59+00	9		8	3	5	19	8	11
59+00	60+00	8		7	77	-70	30	20	10
60+00	61+00	7		6	101	-95	40	31	9
61+00	61+90	12		10	22	-12	27	18	9
SUB-TOTAL		805	100	684	757	-73	1146	592	554

FROM STATION	TO STATION	{SUITABLE} EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 15% SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL PLACED (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
PAUL DOUGLAS TRAIL									
100+00	100+13	7		6	0	6		1	6
100+13	101+00	75		64	3	61	46	9	37
101+00	102+00	57		48	0	48	23	13	10
102+00	103+00	7		6	6	0	20	8	12
103+00	104+00	5		4	10	-6	21	10	11
104+00	105+00	7		6	7	-1	20	9	11
105+00	106+00	8		7	2	5	19	7	12
106+00	107+00	14		12	1	11	19	7	12
107+00	108+00	15		13	1	12	18	7	11
108+00	109+00	7		6	8	-2	20	8	12
109+00	110+00	3		3	8	-5	18	8	10
110+00	111+00	11		9	1	8	18	7	11
111+00	112+00	19		16	1	15	19	8	11
112+00	113+00	17		14	5	9	21	10	11
113+00	114+00	15		13	5	8	21	10	11
114+00	115+00	18		15	2	13	20	9	11
115+00	116+00	20		17	0	17	19	8	11
116+00	117+00	12		10	12	-2	21	9	12
117+00	118+00	5		4	15	-11	21	10	11
118+00	119+00	17		14	9	5	23	14	9
119+00	120+00	25		21	10	11	26	16	10
120+00	121+00	12	8	10	165	-155	35	29	6
121+00	121+34	0	16	0	64	-64	15	28	-13
121+34	122+00	0	30	0	125	-125	17	13	4
122+00	123+00	26		22	28	-6	23	9	14
123+00	124+00	26		22	3	19	21	12	10
124+00	125+00	10		9	3	6	19	8	11
125+00	126+00	13		11	2	9	19	7	12
126+00	127+00	2		2	6	-4	19	8	11
127+00	128+00	0		0	10	-10	20	9	11
128+00	129+00	22		19	6	13	21	10	11
129+00	130+00	34		29	0	29	20	9	11
130+00	131+00	20		17	2	15	21	9	12
131+00	132+00	8		7	22	-15	23	12	12
132+00	133+00	8		7	23	-16	23	10	13
133+00	134+00	6	5	5	22	-17	21	9	12
134+00	135+00	6	54	5	6	-1	19	7	12
135+00	136+00	6	16	5	6	-1	19	6	13
136+00	137+00	6		5	3	2	18	6	12
137+00	138+00	0		0	14	-14	22	10	12
138+00	139+00	2		2	15	-13	23	10	13
139+00	140+00	87		74	3	71	27	14	13
140+00	141+00	44		37	7	30	23	13	10
141+00	142+00	14		12	7	5	20	9	11
142+00	143+00	19		16	1	15	19	8	11
143+00	144+00	12		10	1	9	18	7	11
144+00	145+00	22		19	0	19	18	7	11
145+00	146+00	15		13	4	9	19	8	11
146+00	147+00	2		2	6	-4	19	8	11
147+00	148+00	17		14	2	12	19	8	11
148+00	149+00	22		19	0	19	19	8	11
149+00	150+00	10		9	2	7	19	7	12
150+00	151+00	7		6	2	4	18	7	11
151+00	152+00	7		6	2	4	17	7	10
152+00	153+00	4		3	3	0	18	7	11
153+00	154+00	14		12	2	10	19	8	11
154+00	155+00	62		53	0	53	23	13	10
155+00	156+00	62		53	0	53	23	12	12
156+00	157+00	13		11	67	-56	26	16	10

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

EARTHWORK SCHEDULE

SCALE NONE
DATE 3/29/06

DRAWN BY RTA
CHECKED BY SMH

Revised 2/23/07

EARTHWORK SCHEDULE

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94-F3000-06-BT	COOK	105	7
STA.	TO STA.		
VDL ROAD DIST. NO.	ILLINOIS	83709	STPE-D001(479)

FROM STATION	TO STATION	{SUITABLE} EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 15% SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL PLACED (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
PAUL DOUGLAS TRAIL (Continued)									
157+00	158+00	2		2	70	-68	26	16	10
158+00	159+00	11		9	3	6	20	8	12
159+00	160+00	9		8	20	-12	21	9	12
160+00	161+00	53		45	20	25	25	15	10
161+00	161+73	39		33	2	31	17	9	8
161+73	162+00	0		0	13	-13	6	3	3
162+00	163+00	0		0	197	-197	35	26	9
163+00	164+00	10		9	193	-185	45	38	7
164+00	165+00	18		15	74	-59	42	35	8
165+00	166+00	14		12	35	-23	29	20	9
166+00	167+00	26		22	4	18	22	12	11
167+00	168+00	27		23	2	21	22	10	12
168+00	169+00	23		20	10	10	25	15	10
169+00	170+00	53		45	41	4	42	35	8
170+00	171+00	62		53	51	2	47	39	8
171+00	172+00	43		37	34	3	38	29	9
172+00	173+00	38		32	21	11	34	24	10
173+00	174+00	57		48	10	38	31	22	9
174+00	174+94	77		65	8	57	33	21	12
174+94	175+00	3		3	0	3	1	1	0
175+00	176+00	18		15	77	-62	29	20	9
176+00	177+00	18		15	97	-82	32	19	13
177+00	178+00	0		0	158	-158	35	23	12
178+00	179+00	6		5	62	-57	26	14	12
179+00	180+00	6		5	56	-51	24	12	12
180+00	181+00	1		1	173	-172	32	21	11
181+00	182+00	1		1	162	-161	31	21	10
182+00	183+00	5		4	46	-42	23	11	12
183+00	184+00	8		7	3	4	19	8	11
184+00	185+00	8		7	14	-7	21	9	12
185+00	186+00	18		15	13	2	22	10	12
186+00	187+00	21		18	1	17	19	8	11
187+00	188+00	3		3	12	-9	20	9	11
188+00	189+00	5		4	11	-7	20	8	12
189+00	190+00	14		12	0	12	18	6	12
190+00	191+00	13		11	2	9	18	8	10
191+00	192+00	5		4	8	-4	20	9	11
192+00	193+00	12		10	6	4	20	8	12
193+00	194+00	17		14	1	13	19	7	12
194+00	195+00	8		7	5	2	20	8	12
195+00	196+00	11		9	6	3	20	9	11
196+00	197+00	36		31	1	30	21	10	11
197+00	198+00	46		39	0	39	22	10	12
198+00	199+00	27		23	0	23	20	8	12
199+00	200+00	18		15	0	15	18	7	11
200+00	201+00	16		14	0	14	17	7	10
201+00	202+00	8		7	6	1	19	8	11
202+00	203+00	9		8	6	2	20	8	12
203+00	204+00	9		8	13	-5	20	9	11
204+00	205+00	8		7	13	-6	19	8	11
205+00	206+00	17		14	0	14	17	7	10
206+00	206+25	3		3	0	3	4	2	2
206+25	207+00	6		5	3	2	15	6	9
207+00	208+00	17		14	3	11	21	9	12
208+00	209+00	19		16	2	14	20	9	11
209+00	210+00	14		12	2	10	20	8	12
210+00	211+00	7		6	18	-12	21	10	11
211+00	212+00	2		2	18	-16	21	9	12
212+00	213+00	8		7	2	5	18	7	11
213+00	214+00	16		14	2	12	19	8	11
214+00	215+00	15		13	2	11	19	7	12
215+00	216+00	65		55	1	54	24	12	13
216+00	216+20	12		10	3	7	5	3	2
216+20	216+40	0		0	28	-28	6	4	2
216+40	216+60	0		0	44	-44	7	4	3
216+60	216+80	8		7	25	-18	6	4	2

FROM STATION	TO STATION	{SUITABLE} EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 15% SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL PLACED (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
PAUL DOUGLAS TRAIL (Continued)									
216+80	217+00	25		21	5	16	6	4	2
217+00	217+04	8		7	0	7	1	1	0
217+04	217+20	28		24	0	24	5	3	2
217+20	217+40	25		21	11	10	7	5	2
217+40	217+60	8		7	27	-20	6	3	3
217+60	217+80	0		0	31	-31	5	3	2
217+80	218+00	0		0	18	-18	5	3	2
218+00	219+00	0		0	77	-77	27	15	12
219+00	220+00	0		0	79	-79	26	14	12
220+00	221+00	19		16	17	-1	22	10	12
221+00	222+00	76		65	0	65	26	15	11
222+00	223+00	60		51	2	49	24	14	10
223+00	223+56	2		2	13	-11	11	6	5
223+56	224+00	13		11	9	2	10	6	4
224+00	225+00	41		35	0	35	21	9	12
225+00	226+00	37		31	0	31	21	9	12
226+00	227+00	51		43	0	43	24	13	11
227+00	228+00	34		29	0	29	22	10	12
228+00	229+00	27		23	0	23	20	8	12
229+00	230+00	244		207	0	207	35	26	9
230+00	231+00	282		240	0	240	39	31	8
231+00	232+00	58		49	368	-319	45	38	7
232+00	233+00	0		0	397	-397	43	35	9
233+00	234+00	16		14	31	-17	25	14	11
234+00	235+00	33		28	9	19	27	17	10
235+00	236+00	42		36	9	27	28	18	10
236+00	237+00	25		21	13	8	24	14	10
237+00	238+00	7		6	12	-6	21	9	12
238+00	239+00	28		24	1	23	20	9	11
239+00	240+00	32		27	0	27	20	9	11
240+00	241+00	32		27	0	27	20	9	11
241+00	242+00	20		17	22	-5	23	12	12
242+00	243+00	28		24	22	2	24	13	11
243+00	244+00	50		43	0	43	22	10	12
244+00	245+00	21		18	370	-352	43	36	7
245+00	246+00	0		0	572	-572	57	52	5
246+00	247+00	12		10	201	-191	34	25	9
247+00	248+00	14		12	13	-1	22	12	11
248+00	249+00	2		2	56	-54	26	16	10
249+00	250+00	0		0	50	-50	24	14	10
250+00	251+00	128		109	7	102	29	20	9
251+00	252+00	259		220	0	220	38	30	8
252+00	253+00	139		118	0	118	29	18	11
253+00	254+00	9		8	23	-15	21	10	11
254+00	255+00	29		25	23	2	23	13	10
255+00	256+00	29		25	22	3	23	13	10
256+00	257+00	16		14	22	-8	22	12	11
257+00	258+00	40		34	0	34	21	9	12
258+00	259+00	24		20	5	15	21	9	12
259+00	260+00	0		0	94	-94	28	17	11
260+00	261+00	0	34	0	233	-233	37	22	15
261+00	261+50	0		0	103	-103	17	9	8
261+50	262+00	0		0	52	-52	14	8	6
262+00	262+50	1		1	40	-39	13	7	6
262+50	263+00	0		0	47	-47	15	8	7
263+00	263+50	0		0	63	-63	16	10	6
263+50	264+00	0		0	83	-83	17	12	6
264+00	264+50	0		0	83	-83	17	9	8
264+50	265+00	0		0	84	-84	17	10	7

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

EARTHWORK
SCHEDULE

SCALE NONE
DATE 3/29/06
DRAWN BY RTA
CHECKED BY SMH

revised 2/23/07

EARTHWORK SCHEDULE

F&P NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94-F3000-06-BT	COOK	105	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	83709	STPE-D001(479)	

FROM STATION	TO STATION	{SUITABLE} EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 15% SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL PLACED (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
PAUL DOUGLAS TRAIL (Continued)									
265+00	265+50	0		0	102	-102	19	14	5
265+50	266+00	0		0	112	-112	20	15	5
266+00	266+50	0		0	119	-119	20	15	5
266+50	267+00	0		0	126	-126	20	15	5
267+00	267+50	0		0	149	-149	21	17	4
267+50	268+00	0		0	199	-199	25	21	4
268+00	268+50	0		0	215	-215	26	24	2
268+50	269+00	0		0	169	-169	22	23	-1
269+00	270+00	7		6	112	-112	29	20	9
270+00	271+00	8		7	16	-9	22	10	12
271+00	272+00	0		0	91	-91	32	22	10
272+00	272+70	2		2	101	-99	22	14	8
272+70	273+00	1		1	32	-31	7	3	4
273+00	274+00	5		4	8	-4	20	8	12
274+00	275+00	2		2	27	-25	23	11	12
275+00	276+00	0		0	40	-40	24	12	12
276+00	277+00	1		1	23	-22	23	10	13
277+00	278+00	6		5	6	-1	20	8	12
278+00	279+00	11		9	2	7	18	6	12
279+00	280+00	9		8	3	5	19	7	12
280+00	281+00	8		7	7	0	22	10	12
281+00	282+00	27		23	5	18	26	14	12
282+00	283+00	108		92	0	92	30	18	12
283+00	284+00	90		77	0	77	26	14	12
284+00	285+00	8		7	2	5	19	7	12
285+00	286+00	2		2	19	-17	20	8	12
286+00	287+00	1		1	20	-19	21	10	11
287+00	288+00	10		9	3	6	20	8	12
288+00	289+00	35		30	0	30	21	9	12
289+00	290+00	36		31	0	31	21	9	12
290+00	291+00	10		9	12	-4	20	9	11
291+00	292+00	33		28	12	16	22	12	11
292+00	293+00	36		31	1	30	20	10	10
293+00	294+00	8		7	2	5	18	7	11
294+00	295+00	5		4	37	-33	23	12	12
295+00	296+00	3		3	38	-35	22	12	11
296+00	297+00	8		7	2	5	19	7	12
297+00	298+00	5		4	39	-35	23	12	12
298+00	299+00	0		0	108	-108	29	20	9
299+00	300+00	57		48	70	-22	31	18	13
300+00	301+00	96		82	0	82	26	14	12
301+00	302+00	39		33	92	-59	30	17	13
302+00	303+00	18		15	92	-77	30	18	12
303+00	304+00	29		25	1	24	22	10	12
304+00	305+00	12		10	8	2	21	10	11
305+00	306+00	19		16	7	9	21	10	11
306+00	307+00	20		17	3	14	20	9	11
307+00	308+00	16		14	4	10	21	10	11
308+00	309+00	17	8	14	3	11	21	10	11
309+00	310+00	3		3	12	-9	21	9	12
310+00	311+00	5		4	13	-9	22	10	12
311+00	312+00	17		14	4	10	22	10	12
312+00	313+00	13		11	8	3	21	10	11
313+00	314+00	10		9	8	1	20	9	11
314+00	315+00	11		9	9	0	21	10	11
315+00	316+00	1		1	31	-30	23	12	12
316+00	317+00	1		1	27	-26	23	12	12
317+00	318+00	1		1	23	-22	22	12	11
318+00	319+00	0		0	138	-138	31	22	9
319+00	320+00	2		2	122	-120	29	20	9
320+00	321+00	2		2	9	-7	20	9	11
321+00	322+00	0		0	54	-54	25	15	10
322+00	323+00	0	18	0	57	-57	24	15	9
323+00	324+00	10		9	9	-1	18	8	10
324+00	325+00	10		9	23	-15	21	10	11
325+00	326+00	0		0	104	-104	29	20	9

FROM STATION	TO STATION	{SUITABLE} EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 15% SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL PLACED (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
PAUL DOUGLAS TRAIL (Continued)									
326+00	327+00	14		12	80	-68	26	17	9
327+00	327+68	17		14	0	14	13	6	7
327+68	328+00	8		7	0	7	6	2	4
328+00	329+00	21		18	0	18	19	7	12
329+00	330+00	9		8	2	6	18	7	11
330+00	331+00	11		9	2	7	19	7	12
331+00	332+00	15		13	0	13	18	7	11
332+00	333+00	15		13	0	13	19	7	12
333+00	334+00	22		19	0	19	19	7	12
334+00	335+00	20		17	0	17	18	7	11
335+00	336+00	8		7	21	-14	20	9	11
336+00	337+00	0		0	64	-64	24	13	11
337+00	339+00	1		1	173	-172	57	37	20
339+00	340+00	4		3	65	-62	26	15	11
340+00	341+00	3		3	104	-101	29	17	12
341+00	342+00	0		0	181	-181	34	25	9
342+00	343+00	0		0	118	-118	30	20	10
343+00	344+00	6		5	21	-16	22	12	11
344+00	345+00	13		11	11	0	23	12	12
345+00	346+00	11		9	10	-1	22	12	11
346+00	346+09	1		1	0	1	1	1	0
346+09	347+00	9		8	1	7	17	7	10
347+00	348+00	11		9	0	9	17	7	10
348+00	348+61	4		3	0	3	6	2	4
TOTAL		5344	189	4542	9821	-5279	6011	3298	2713

EARTHWORK SUMMARY

LOCATION	{SUITABLE} EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 15% SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL PLACED (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
PAY ITEM	20200100	20201200				21101505		
CRABTREE	805	100	684	757	-73	1146	592	554
PARKING LOT	444	0	377	0	377	296	50	246
STOVER BUFFER RESTORATION	96	0	82	0	82	96	48	48
PAUL DOUGLAS	5344	189	4542	9821	-5279	6011	3298	2713
GRAVEL LOT RESTORATION	196	0	167	0	167	196	98	98
* ANTICIPATED COMPENSATORY STORAGE	-	150	-	-	-	-	-	-
GRAND TOTAL	6885	439	5852	10,578	-4726	7745	4086	3659

* LOCATIONS TO BE DETERMINED IN THE FIELD

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

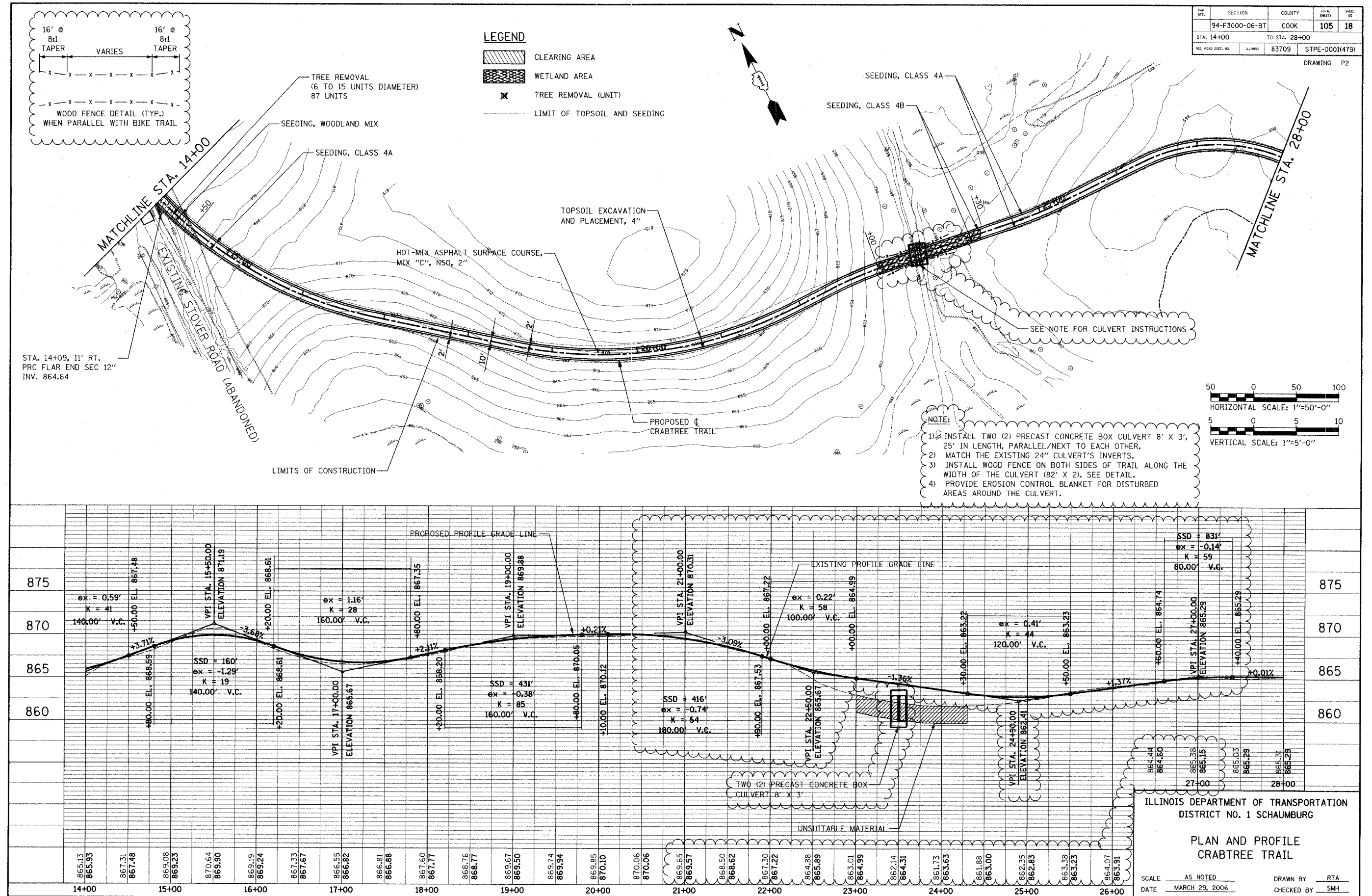
EARTHWORK
SCHEDULE

SCALE NONE
DATE 3/29/06
DRAWN BY RTA
CHECKED BY SMH

revised 2/23/07

PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

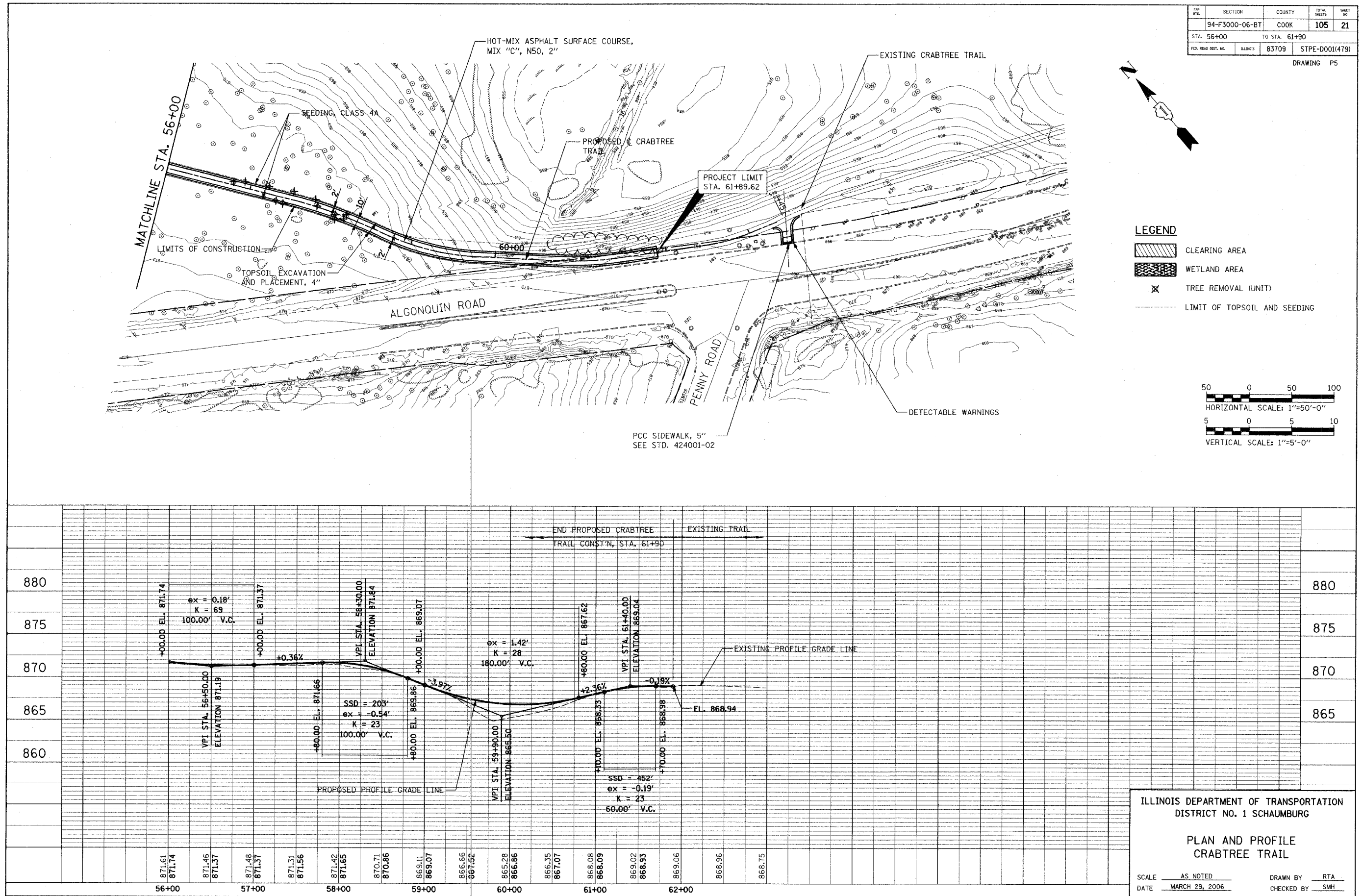
PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		



Revised 2/23/06

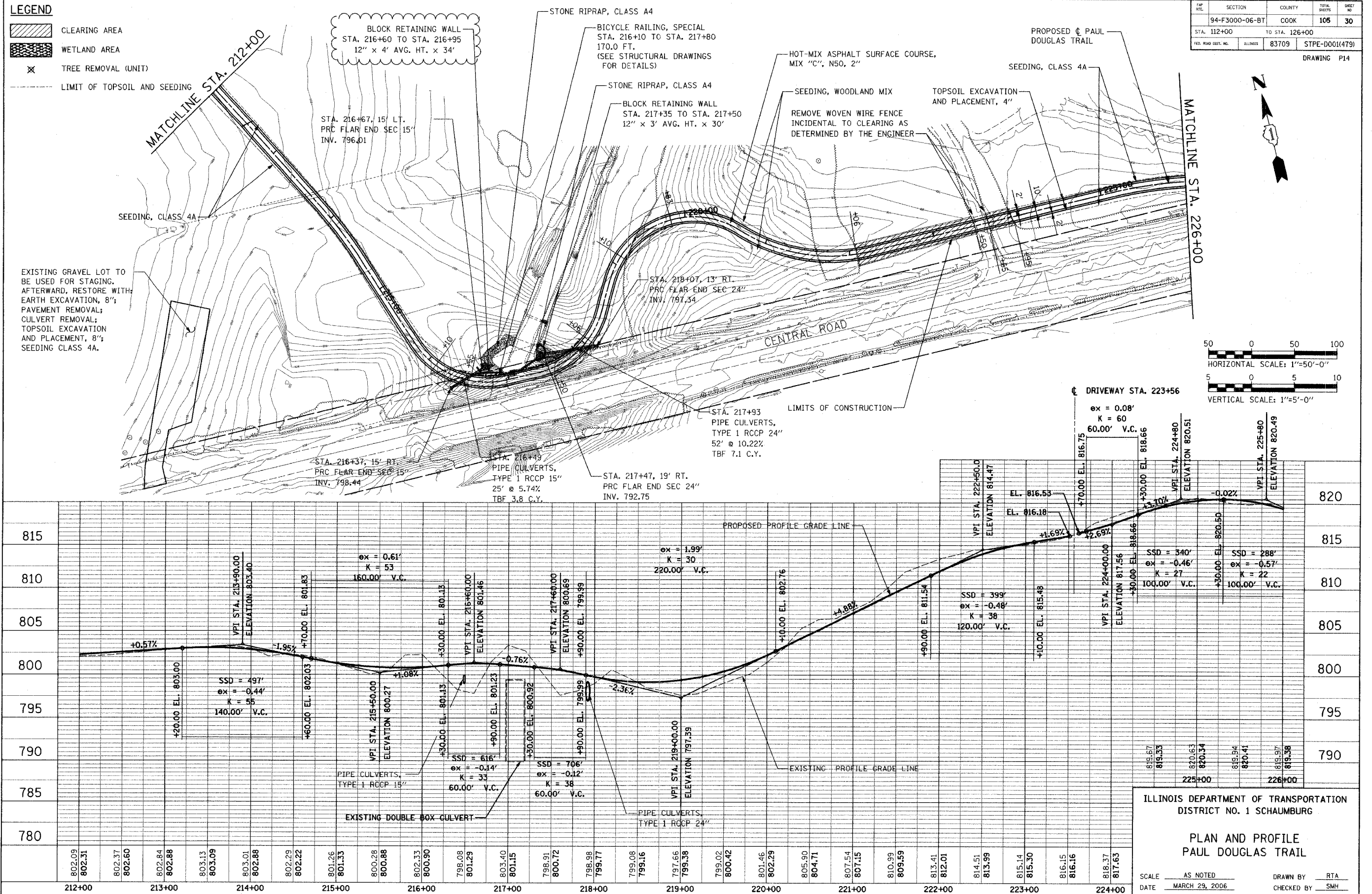
PLAN	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STATIONING ADJUSTED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STATIONING ADJUSTED		
	FILE NAME		



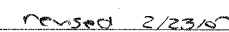
LEGEND

- CLEARING AREA
- WETLAND AREA
- TREE REMOVAL (UNIT)
- LIMIT OF TOPSOIL AND SEEDING



revised 2/23/07

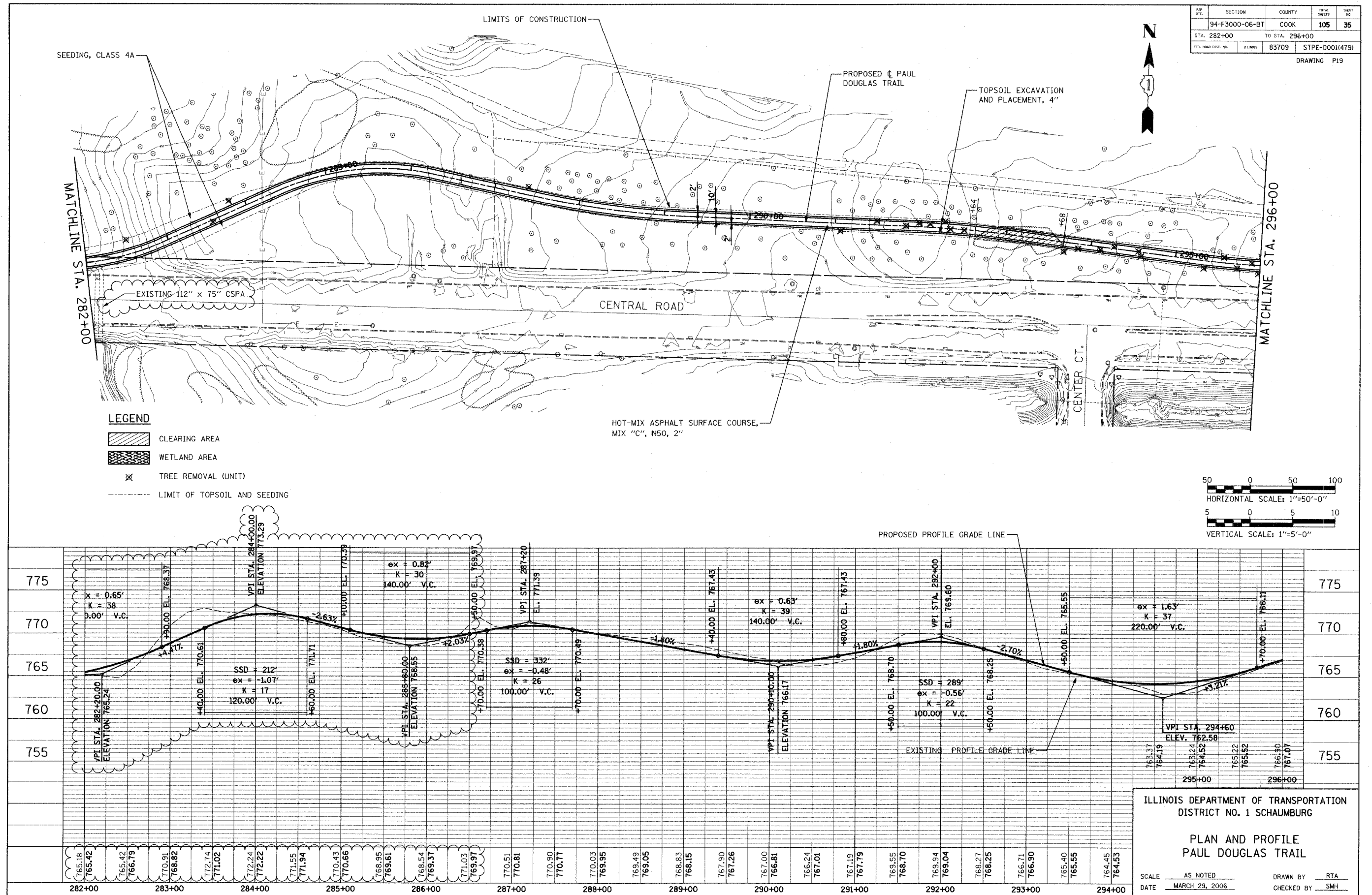
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PIOTTED		
	GRADES CHECKED		
NO.	BLM. NOTED		
	STRUCTURE NOTATION CRD		



revised 2/23/07

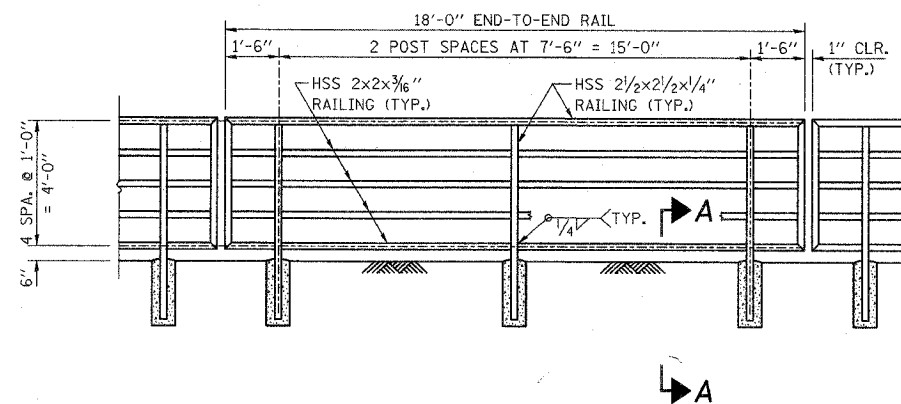
PLAN	SURVEYED	DATE
NO. _____	BY _____	
NOTE BOOK _____	PLANNED _____	
NO. _____	FILED _____	

PROFILE	SURVEYED	DATE
NO. _____	BY _____	
NOTE BOOK _____	PLANNED _____	
NO. _____	FILED _____	

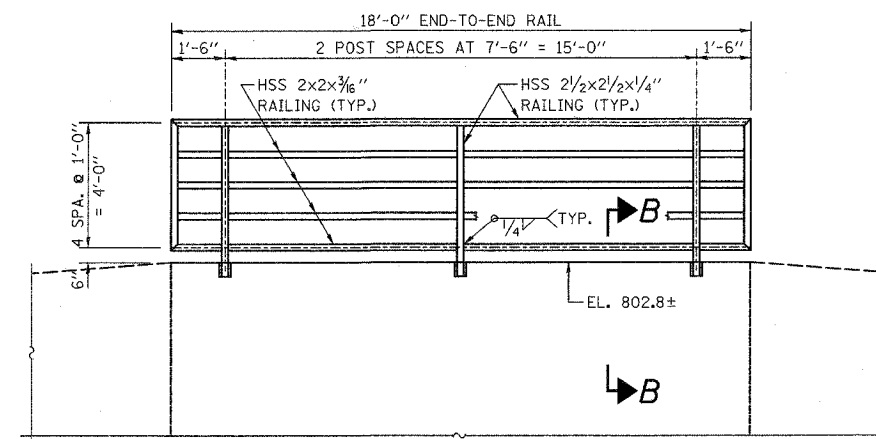


Revised 2/23/07

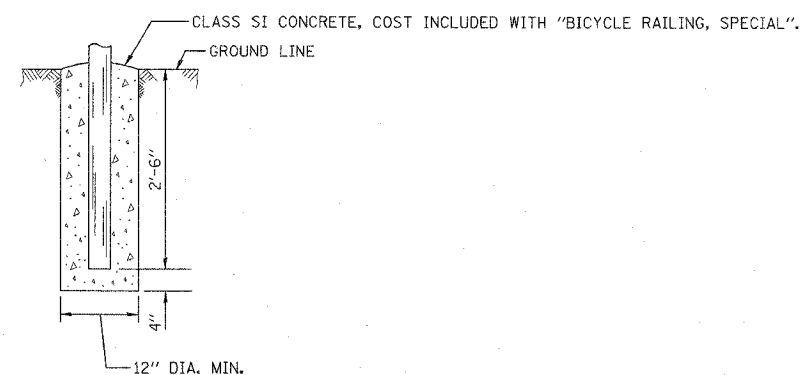
TYP. RAIL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94-F3000-06-BT	COOK	105	45
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	83709	STPE-D001(479)	



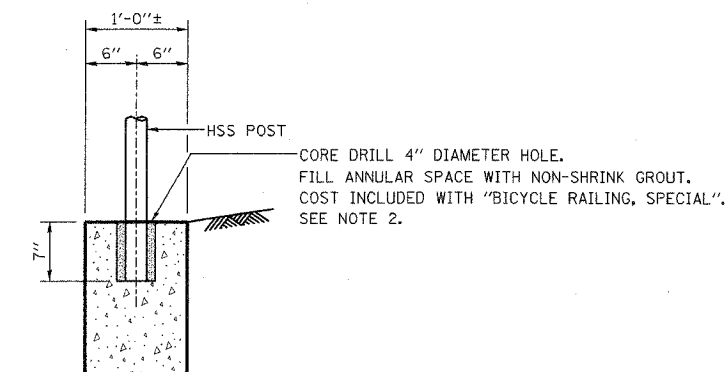
TYPICAL ELEVATION



ELEVATION AT EXIST. HEADWALL



SECTION A-A



SECTION B-B

NOTES:

- HOLLOW STRUCTURAL STEEL TUBE SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION A 500, GRADE B.
- NON-SHRINK GROUT SHALL BE IN ACCORDANCE WITH SECTION 1024 OF THE STANDARD SPECIFICATIONS.
- SEE PLAN & PROFILE DWGS. FOR LIMITS OF BICYCLE RAILING, SPECIAL.

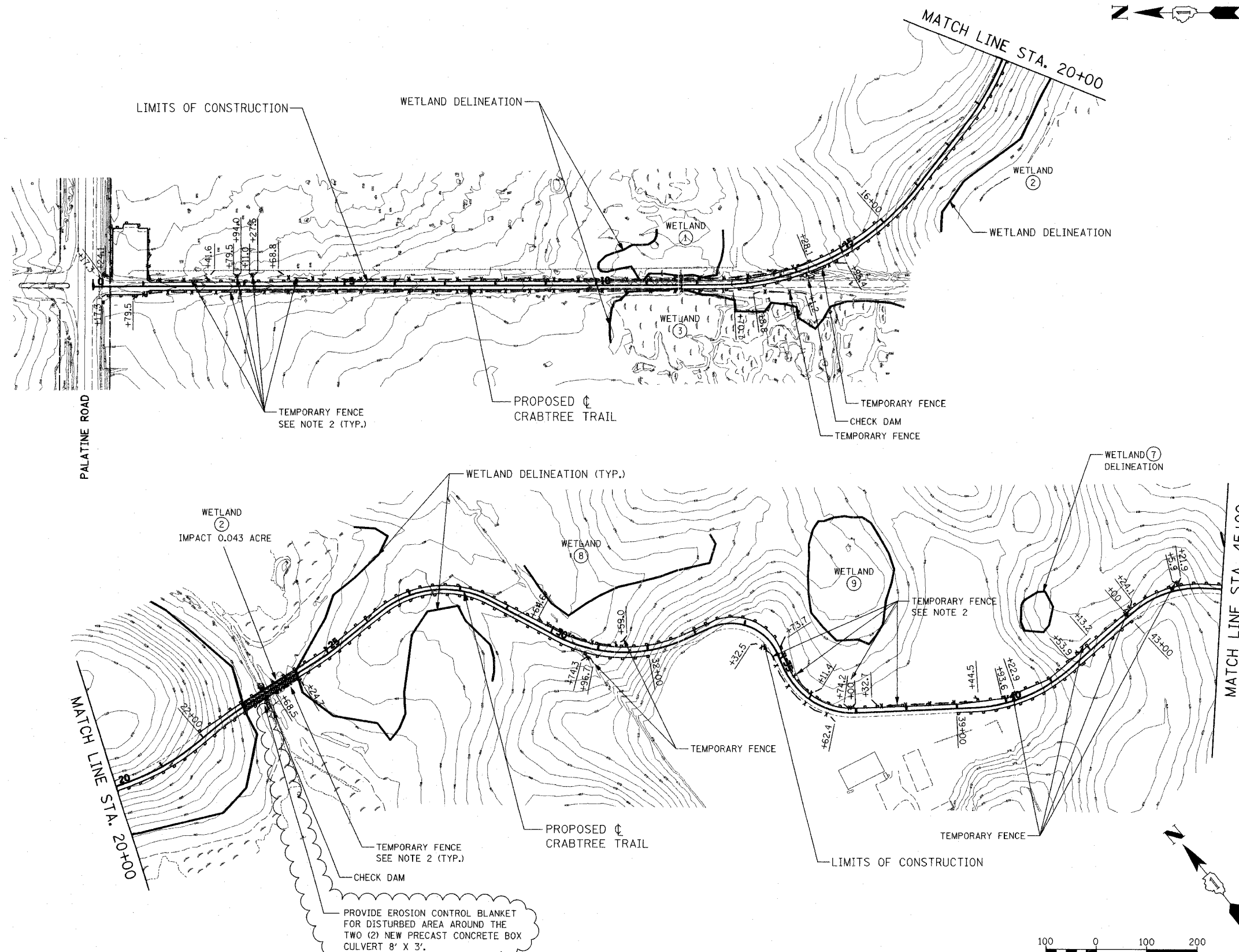
Revised
2-23-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

BICYCLE RAILING DETAILS

SCALE NONE
DATE 3/31/06
DRAWN BY ERG
CHECKED BY JD

PROJECT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94-F3000-06-BT		COOK	105	49
STA. 0+00	TO STA. 45+00			
FED. ROAD DIST. NO.	ILLINOIS	83709	STPE-0001(479)	



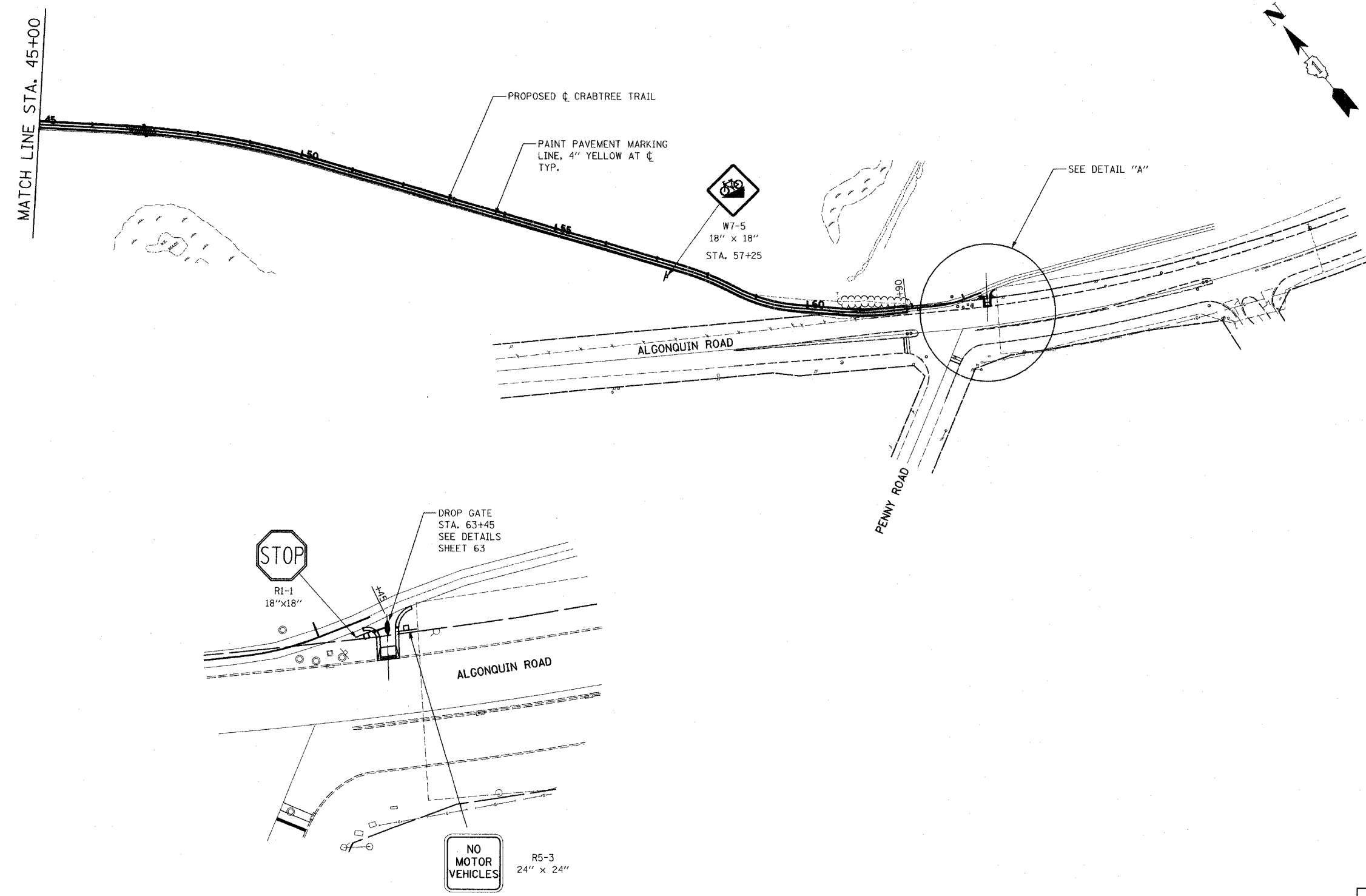
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

EROSION CONTROL PLAN

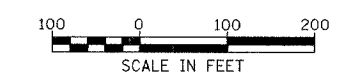
SCALE AS NOTED
DATE MARCH 24, 2006
DRAWN BY REW
CHECKED BY SMH

Revised 2/23/07

F&P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94-F3000-06-BT	COOK	105	57
STA. 45+00		TO STA. 61+90		
FED. ROAD DIST. NO.	ILLINOIS	83709	STPE-D001(479)	



DETAIL "A"



ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

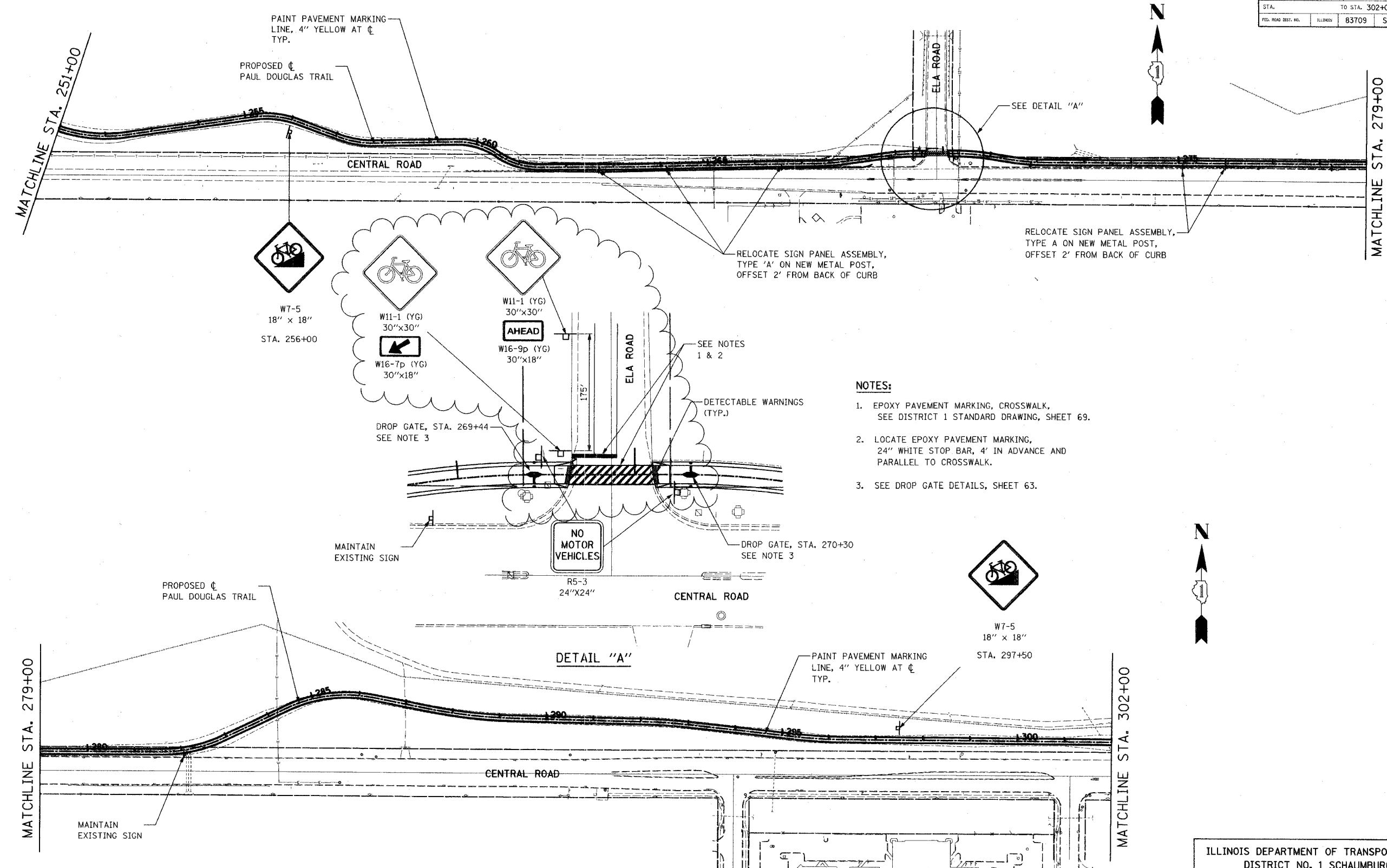
PAVEMENT MARKING AND
SIGNING PLAN

SCALE AS NOTED
DATE 3/23/06

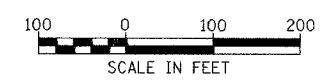
DRAWN BY BSB
CHECKED BY SMH

revised 2/23/07

SECTION	251+00	COUNTY	COOK	TOTAL SHEETS	105	SHEET NO.	61
STA.	94-F3000-06-BT	ILLINOIS	B3709	STPE-D001(479)			



- NOTES:**
1. EPOXY PAVEMENT MARKING, CROSSWALK, SEE DISTRICT 1 STANDARD DRAWING, SHEET 69.
 2. LOCATE EPOXY PAVEMENT MARKING, 24" WHITE STOP BAR, 4' IN ADVANCE AND PARALLEL TO CROSSWALK.
 3. SEE DROP GATE DETAILS, SHEET 63.



ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

PAVEMENT MARKING AND
SIGNING PLAN

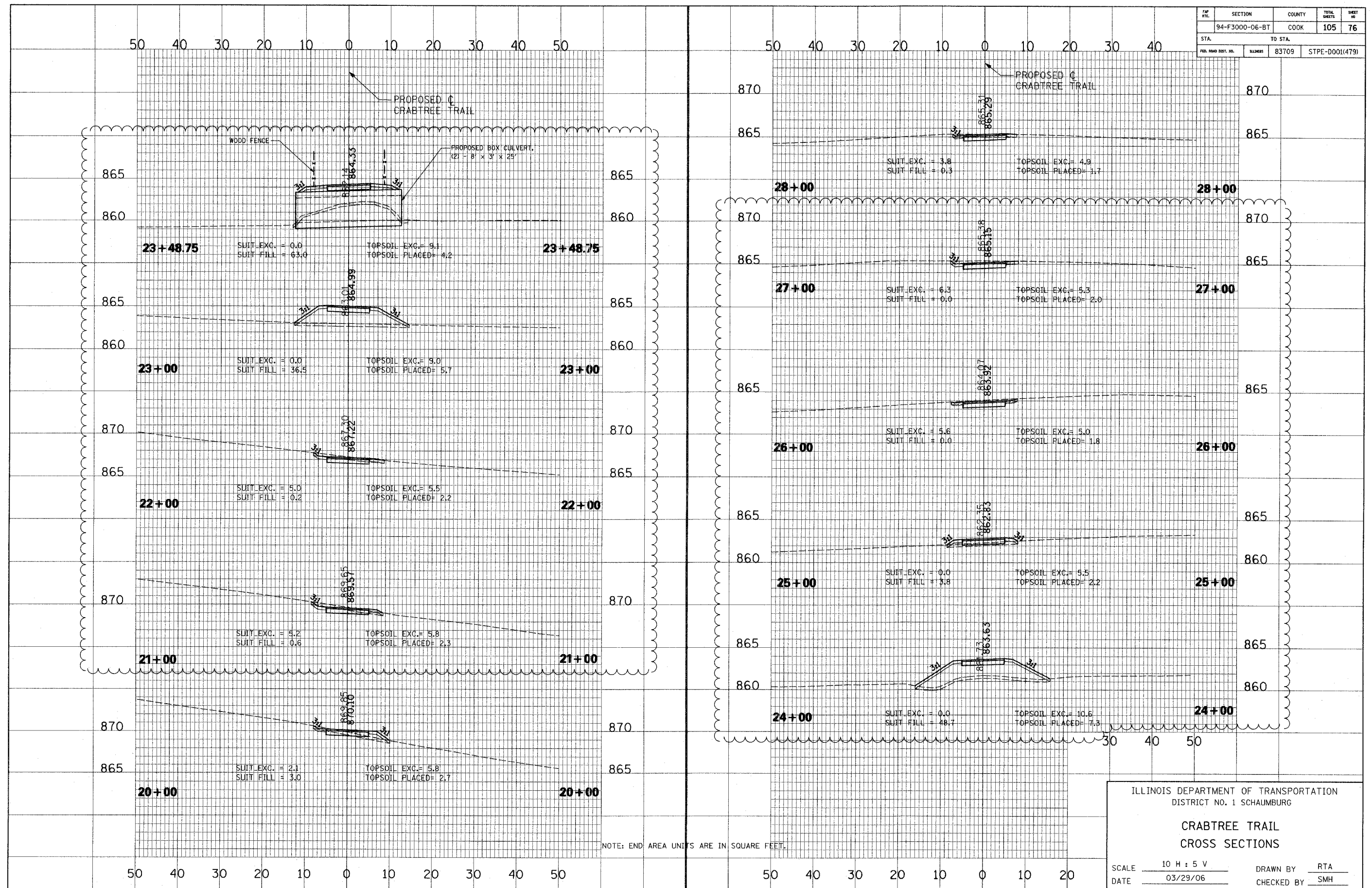
SCALE AS NOTED
DATE 3/23/06

DRAWN BY BSB
CHECKED BY SMH

revised 2/23/06

CROSS SECTION	DATE	BY
	NO.	NO.
	NO.	NO.
	NO.	NO.

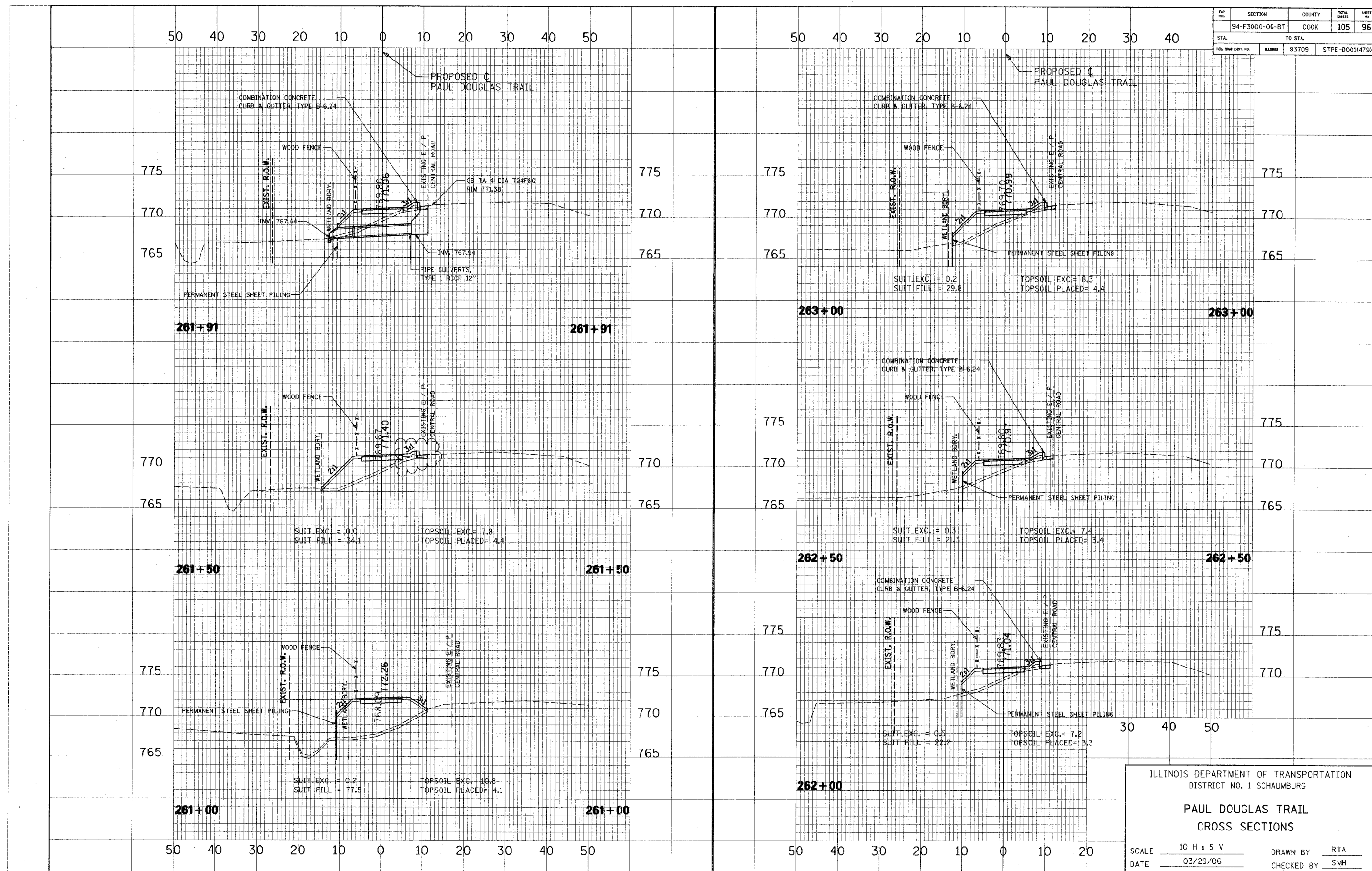
CROSS SECTION	DATE	BY
	NO.	NO.
	NO.	NO.
	NO.	NO.



ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT NO. 1 SCHAUMBURG			
CRABTREE TRAIL CROSS SECTIONS			
SCALE	10 H : 5 V	DRAWN BY	RTA
DATE	03/29/06	CHECKED BY	SMH

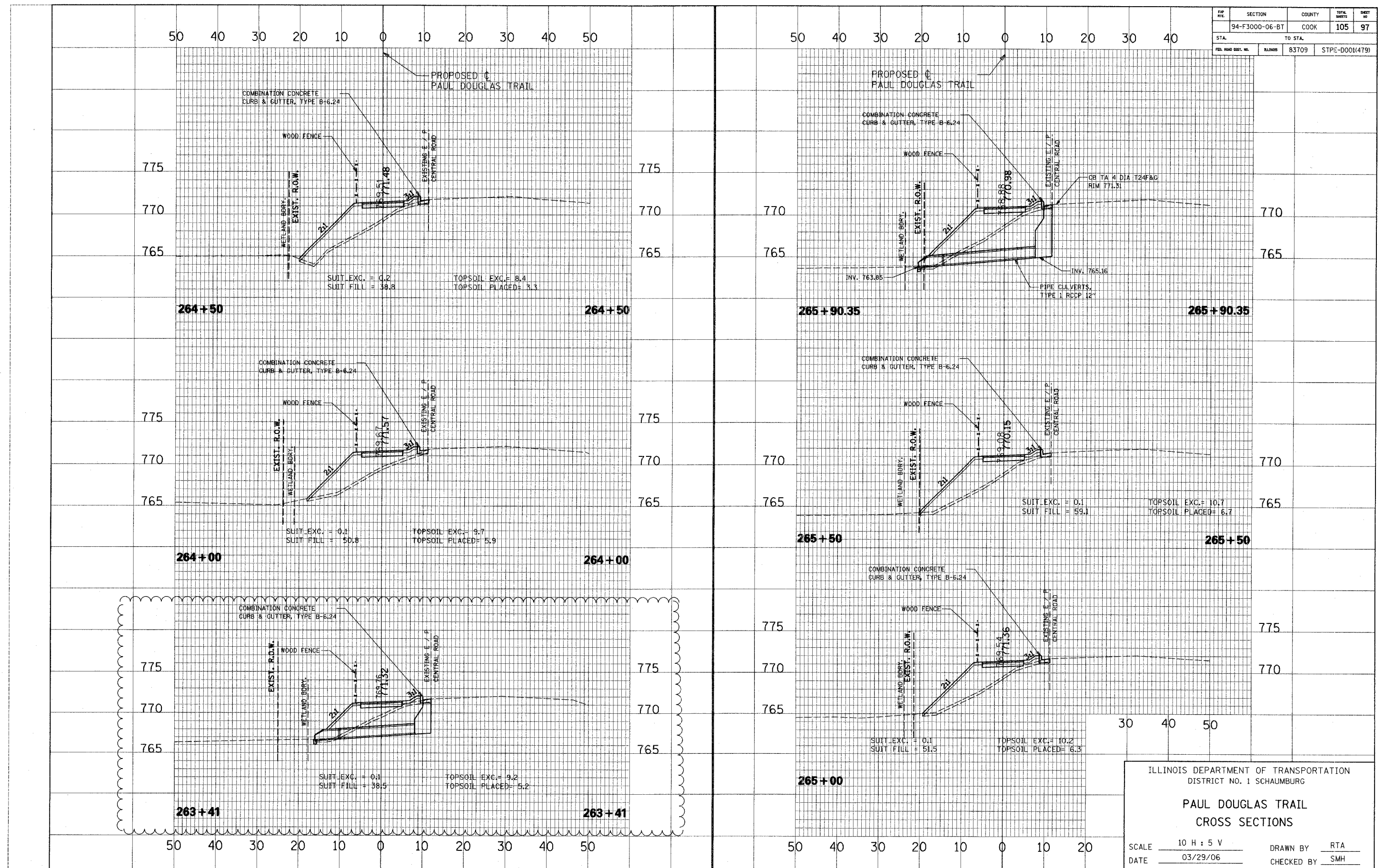
revised 2/23/07

CROSS SECTION	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO. _____	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		



revised 2/23/07

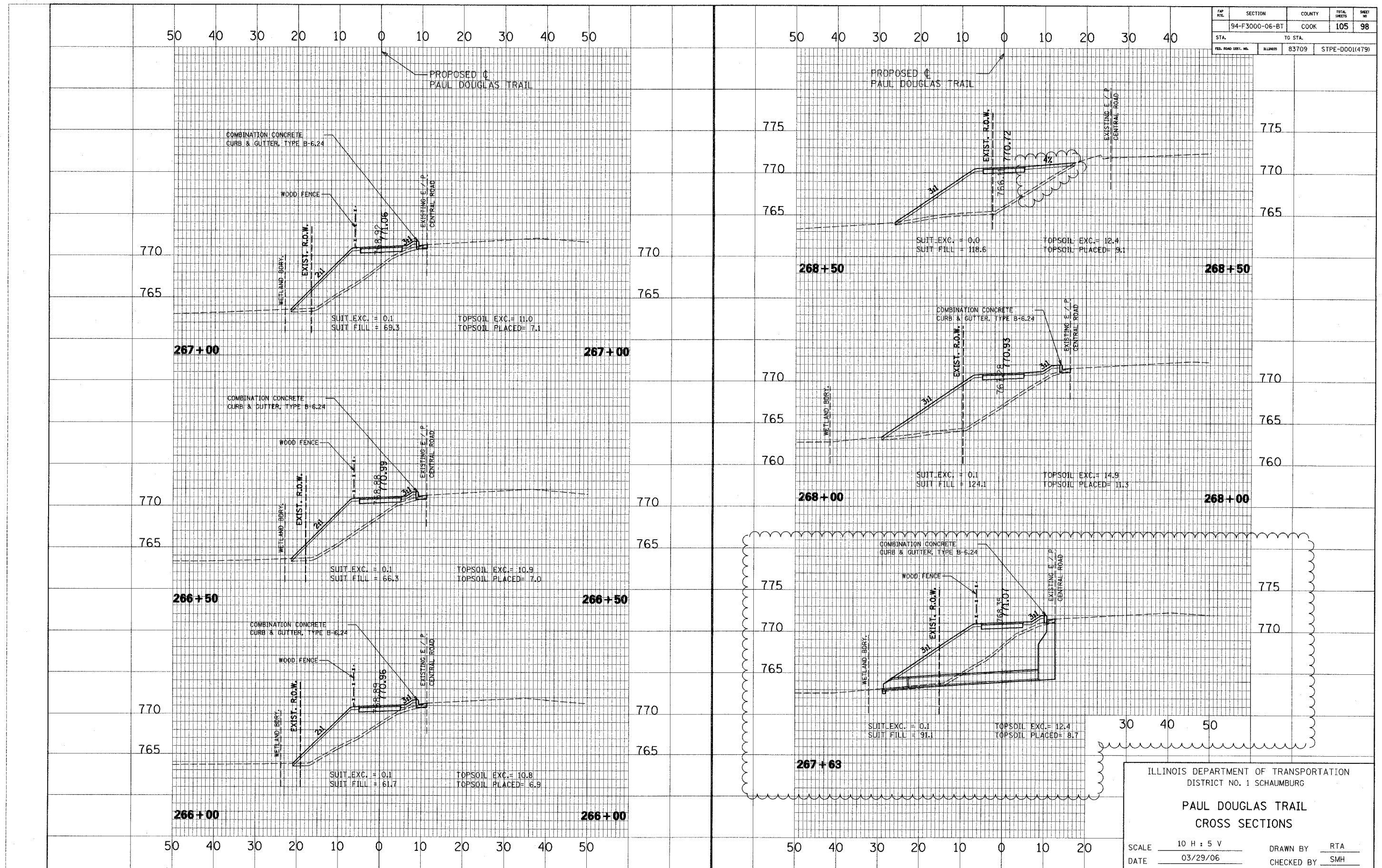
CROSS SECTION	SURVEYED PLOTTED GRADES CHECKED B.M. NOTED STRUCTURE NOTATIONS CHECKED	BY	DATE



revised 2/23/07

CROSS SECTION	DATE	BY
	REVIEWED	DATE
	NOTED	DATE
	NO.	DATE

CROSS SECTION	DATE	BY
	REVIEWED	DATE
	NOTED	DATE
	NO.	DATE



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94-F3000-06-BT	COOK	105	98
STA.	TO STA.	ILLINOIS	83709
FED. ROAD DIST. NO.	ILLINOIS	83709	STPE-0001(479)

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

PAUL DOUGLAS TRAIL
CROSS SECTIONS

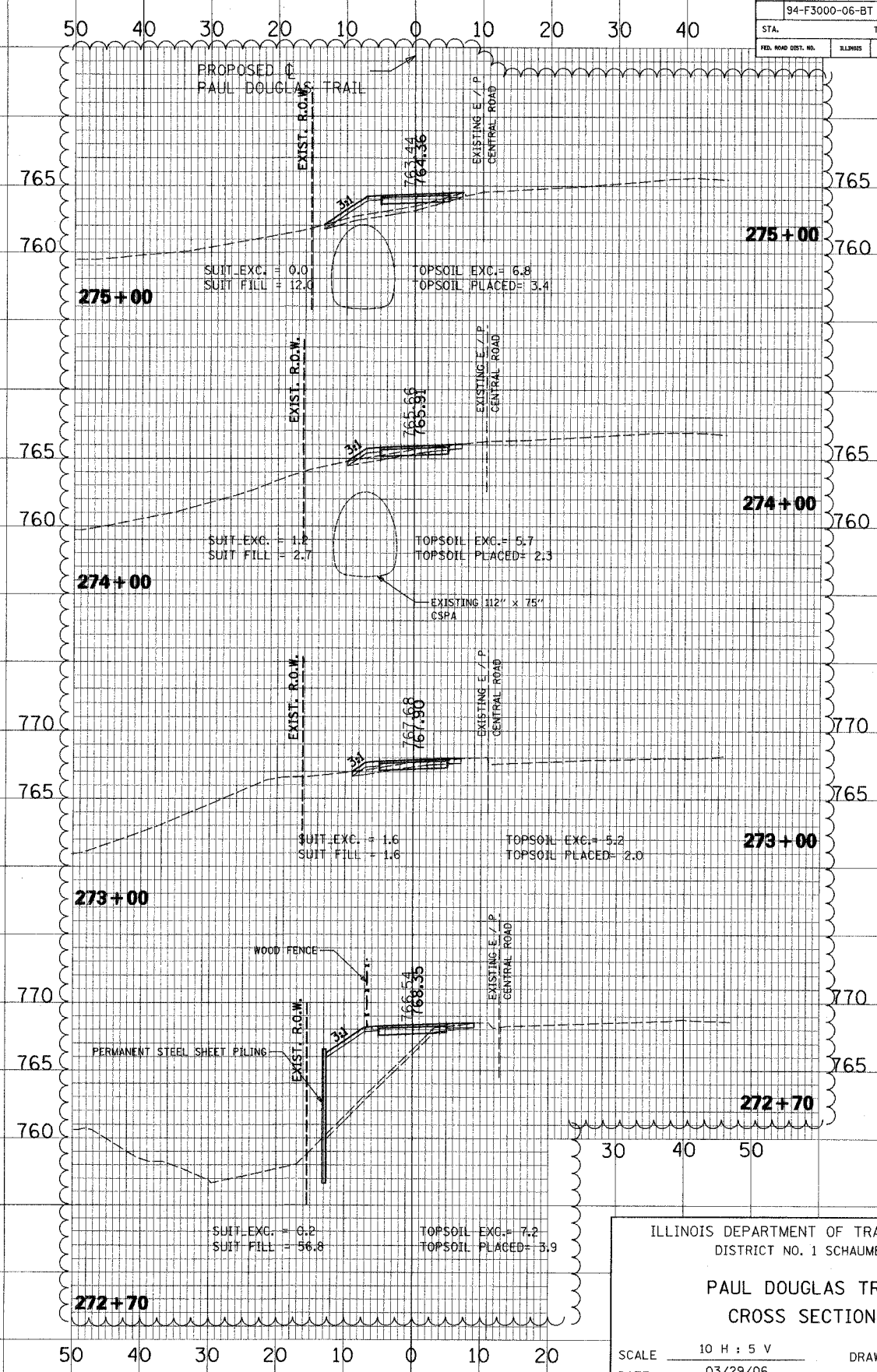
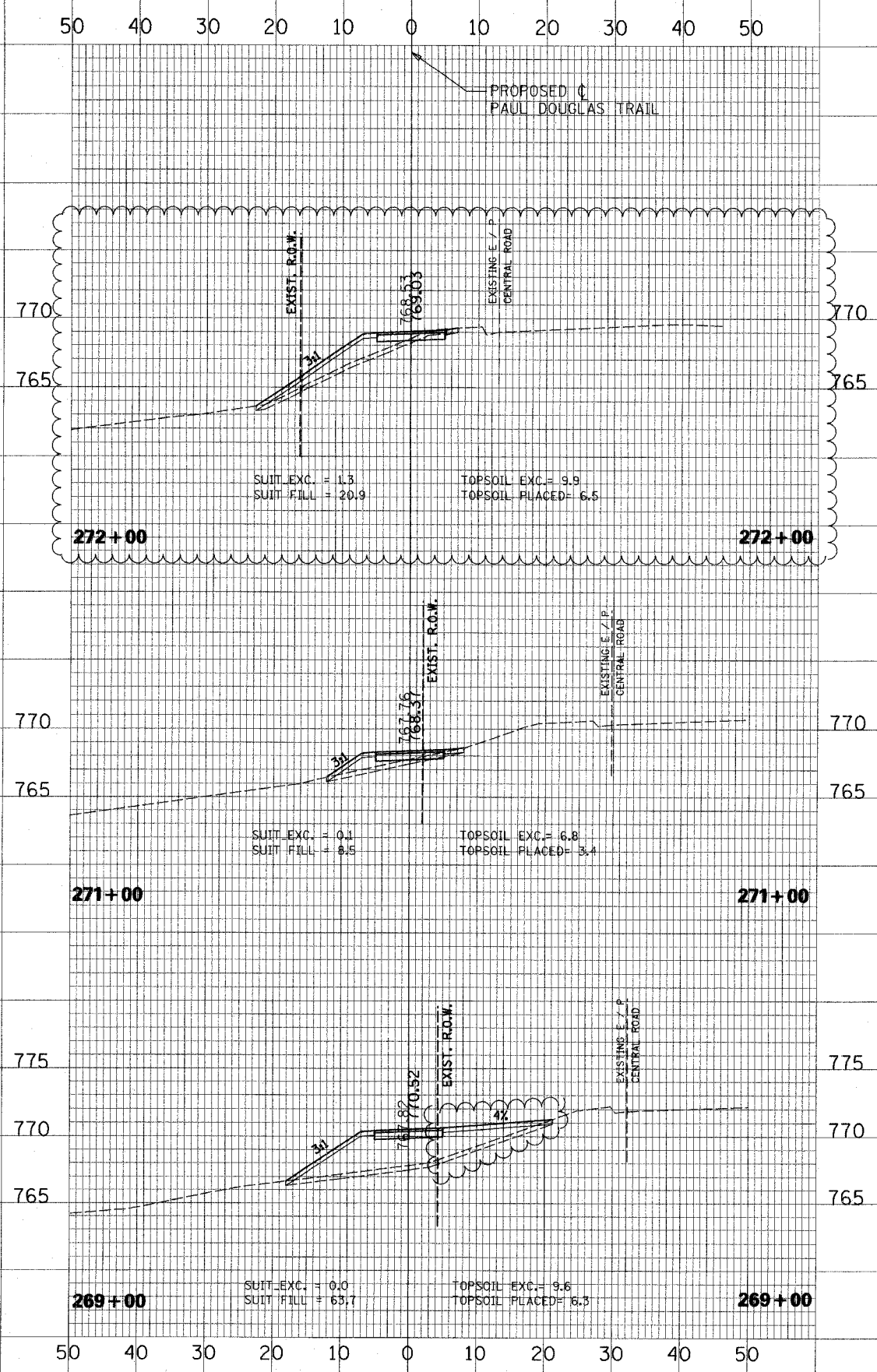
SCALE 10 H : 5 V
DATE 03/29/06

DRAWN BY RTA
CHECKED BY SMH

revised 2/23/09

CROSS SECTION	SURVEYED	BY	DATE
	NOTED		
	FILED		
	NO.		

CROSS SECTION	SURVEYED	BY	DATE
	NOTED		
	FILED		
	NO.		



FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94-F3000-06-BT	COOK	105	99	
STA.	TO STA.			
83709	STPE-0001(479)			

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT NO. 1 SCHAUMBURG

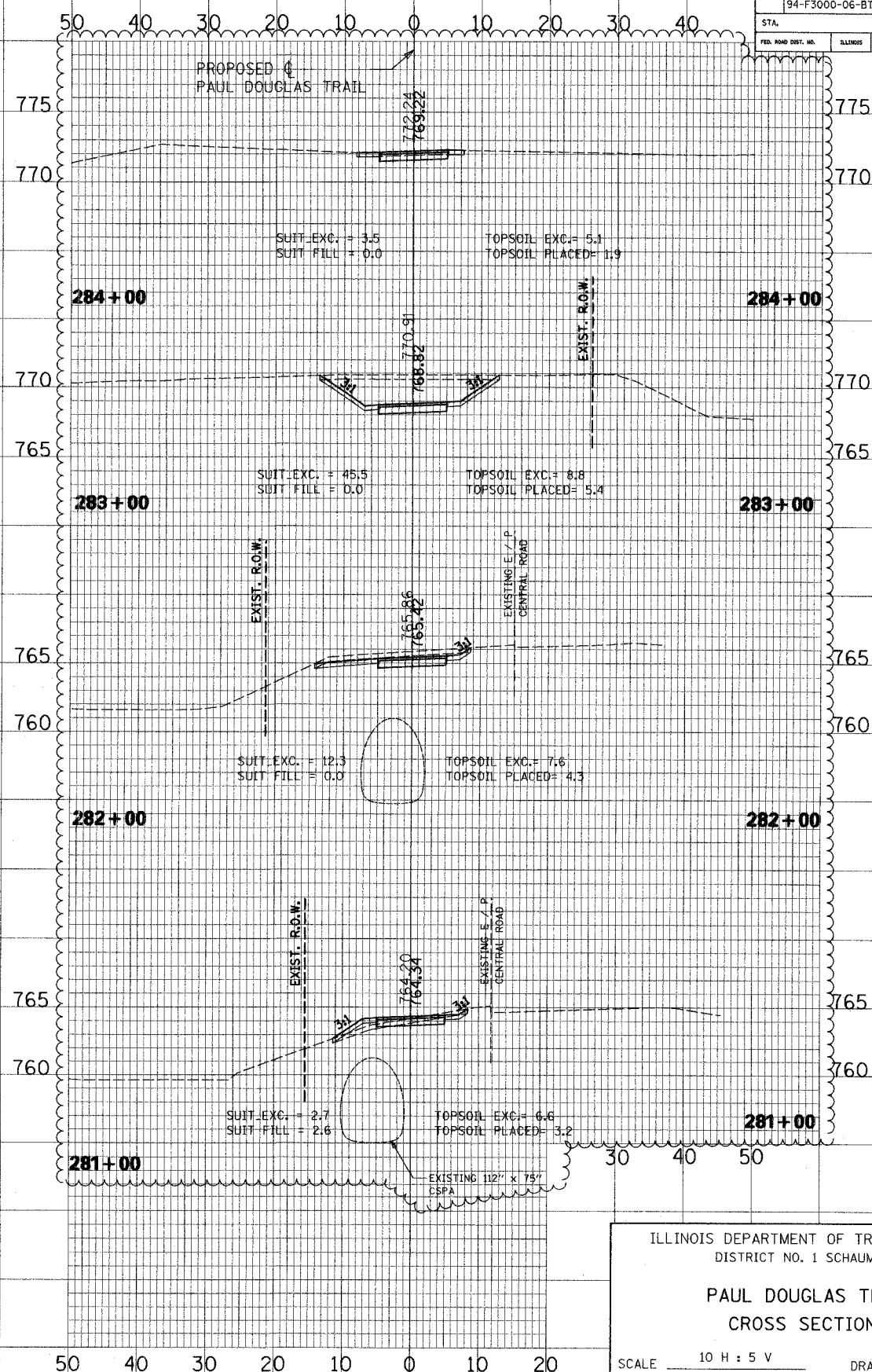
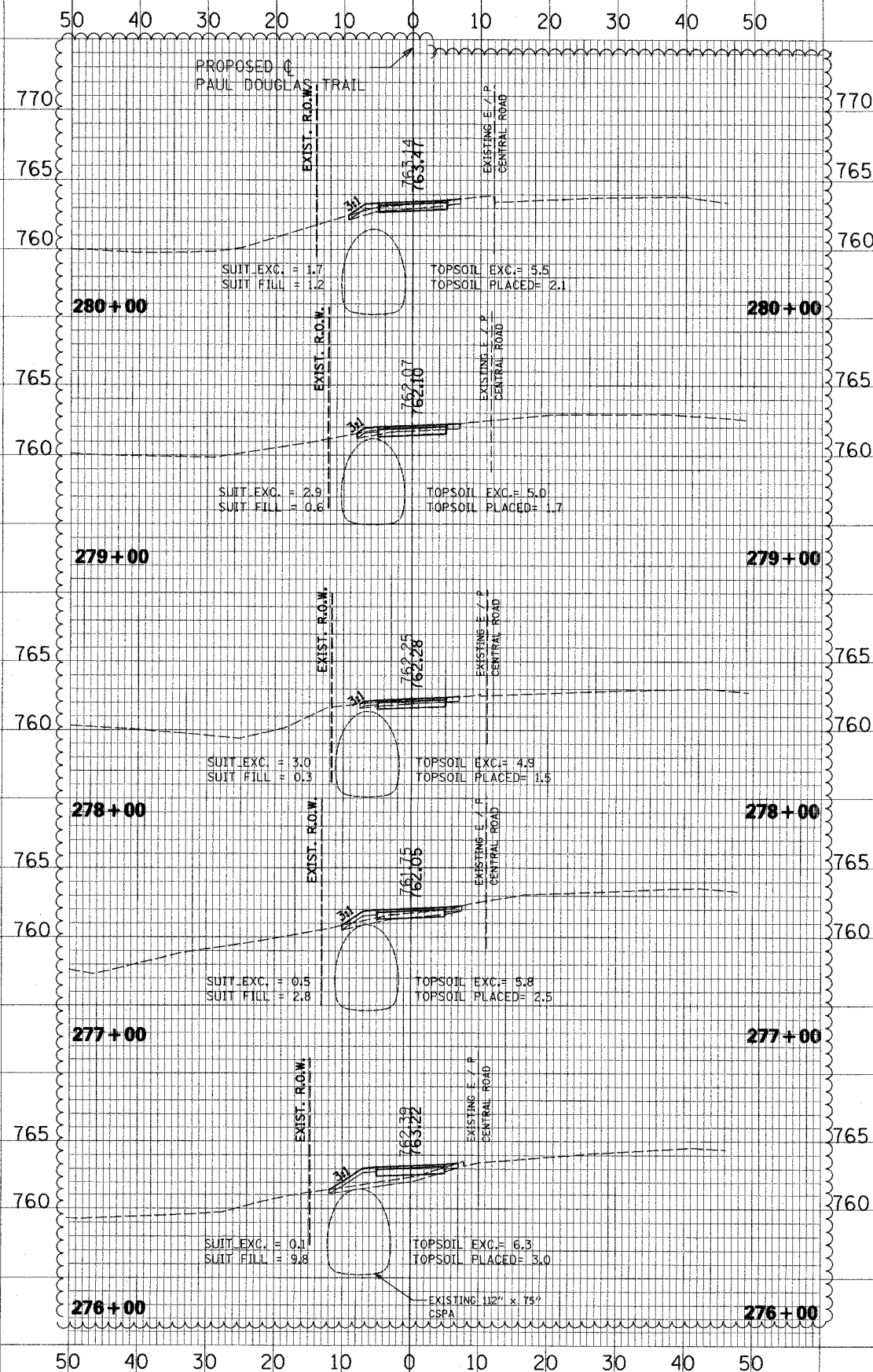
**PAUL DOUGLAS TRAIL
 CROSS SECTIONS**

SCALE 10 H : 5 V
 DATE 03/29/06
 DRAWN BY RTA
 CHECKED BY SMH

revised 2/23/07

CROSS SECTION
SECTION
DATE
BY
SURVEYED
ADJUSTED
GRADES CHECKED
BY
NOTE BOOK
NO. OF MAY CHECKED
FILE NAME

CROSS SECTION
SECTION
DATE
BY
SURVEYED
ADJUSTED
GRADES CHECKED
BY
NOTE BOOK
NO. OF MAY CHECKED
FILE NAME



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94-F3000-06-BT	COOK	105	100
STA.	TO STA.	BLANKS	83709
FED. ROAD DIST. NO.	STPE-D001(479)		

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG

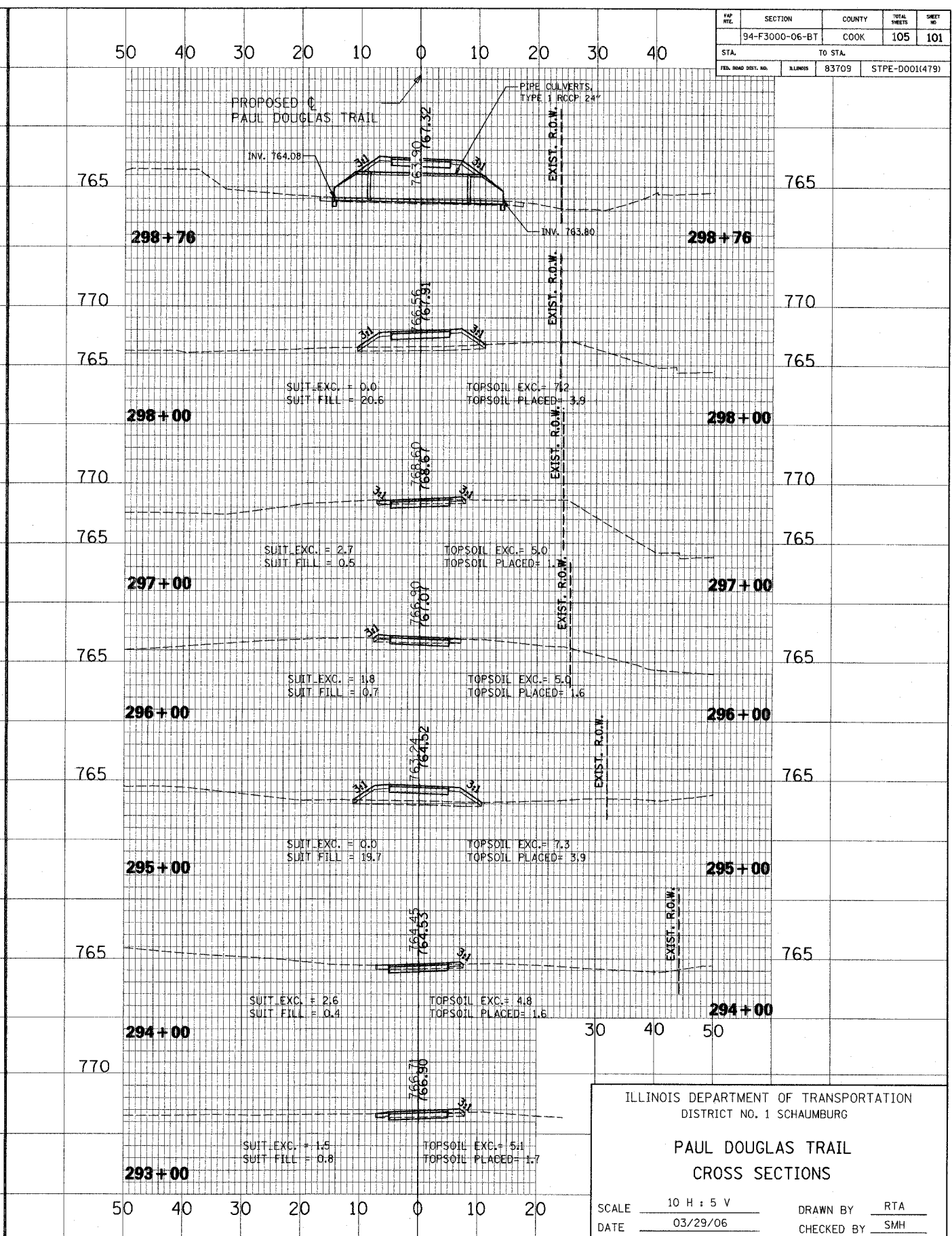
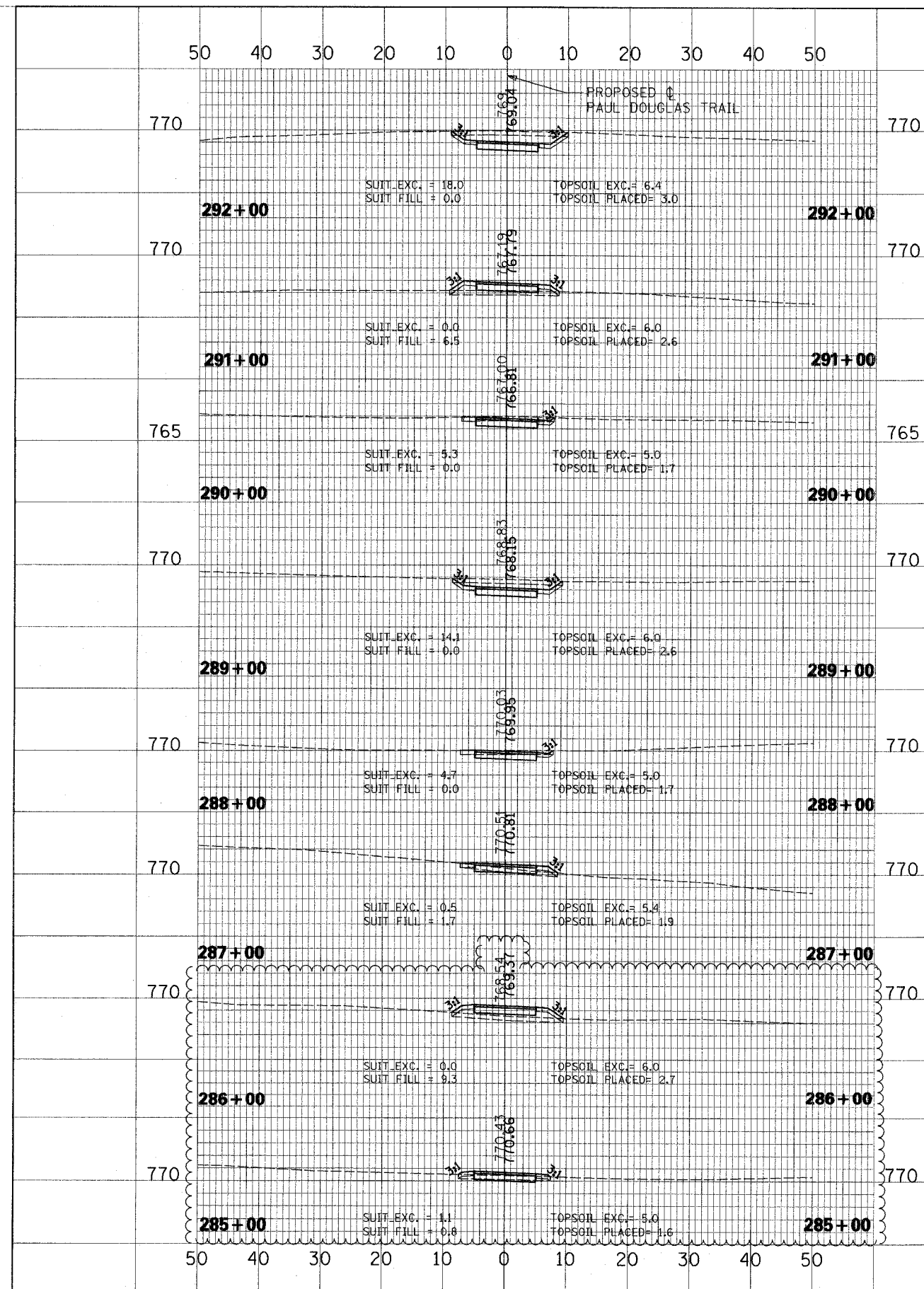
PAUL DOUGLAS TRAIL
CROSS SECTIONS

SCALE 10 H : 5 V
DATE 03/29/06

DRAWN BY RTA
CHECKED BY SMH

revised 2/23/07

CROSS SECTION	SURVEYED	BY	DATE
SECTION	PLOTTED		
NOTE BOOK	GRABELS CHECKED		
NO.	B.M. NOTED		
	STRUCTURE	NOTATIONS	CHRO



revised 2/23/07

TRAFFIC SIGNAL LEGEND

EXIST.	PROP.	
		CONTROLLER
		SERVICE INSTALLATION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL HEAD, PEDESTRIAN
		SIGNAL POST
		MAST ARM ASSEMBLY AND POLE, STEEL
		MAST ARM ASSEMBLY AND POLE, ALUMINUM
		COMMON TRENCH
		UNIT DUCT
		HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		G.S. CONDUIT IN TRENCH OR PUSHED
		PEDESTRIAN PUSH-BUTTON DETECTOR
		DETECTOR LOOP
		CAST IRON JUNCTION BOX
		EMERGENCY VEHICLE SYSTEM DETECTOR
		CONFIRMATION BEACON
		SIGNAL HEAD OPTICALLY PROGRAMMED
		CONDUIT SPLICE
		WOOD POLE
		RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
		VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
		RAILROAD CONTROL CABINET

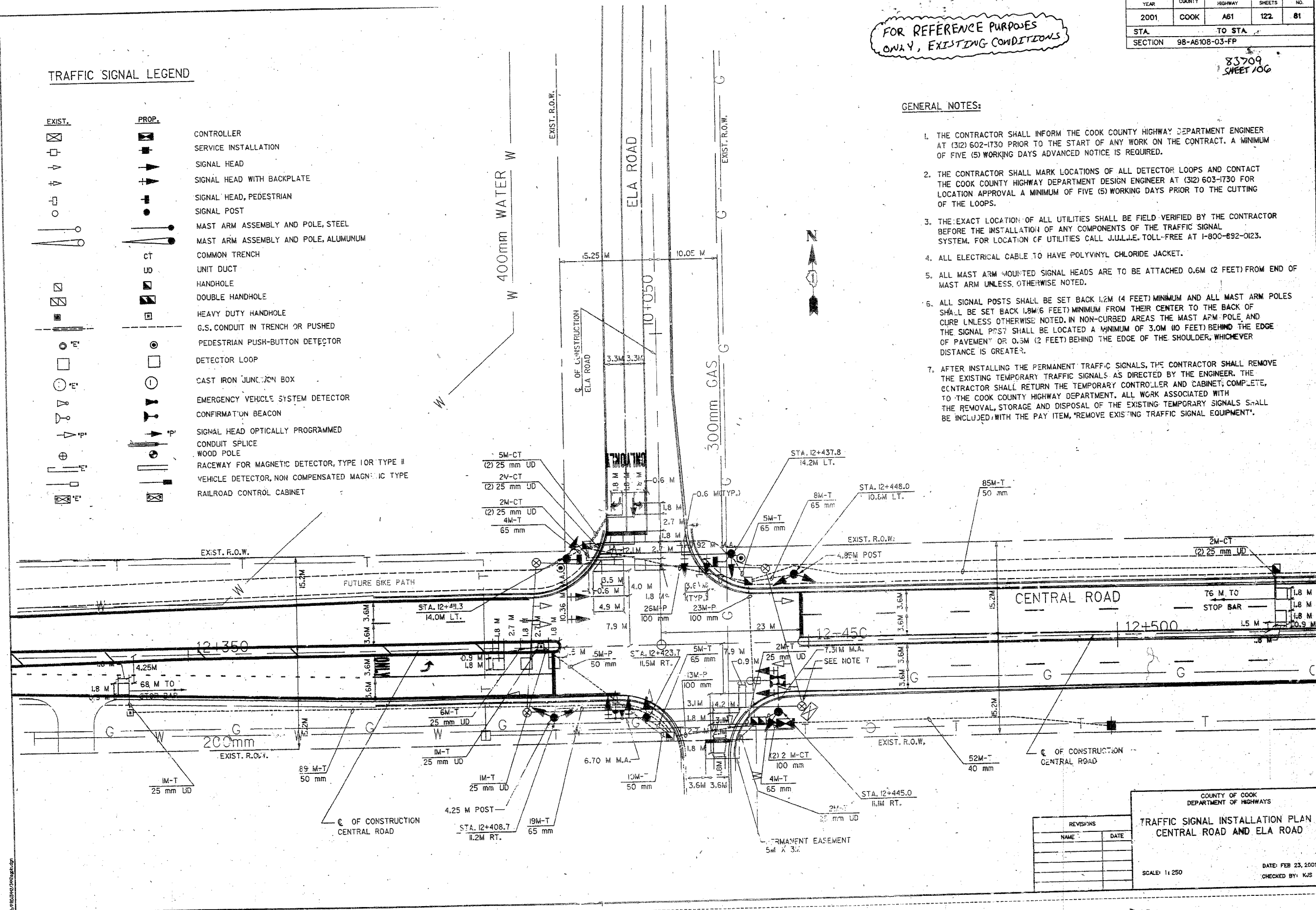
FOR REFERENCE PURPOSES
ONLY, EXISTING CONDITIONS

YEAR	COUNTY	HIGHWAY	SHEETS	NO.
2001	COOK	A61	122	81
STA.		TO STA.		
SECTION		98-A6108-03-FP		

83709
SHEET 106

GENERAL NOTES:

1. THE CONTRACTOR SHALL INFORM THE COOK COUNTY HIGHWAY DEPARTMENT ENGINEER AT (312) 602-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.
2. THE CONTRACTOR SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE COOK COUNTY HIGHWAY DEPARTMENT DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE CUTTING OF THE LOOPS.
3. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES CALL J.U.L.I.E. TOLL-FREE AT 1-800-892-0123.
4. ALL ELECTRICAL CABLE TO HAVE POLYVINYL CHLORIDE JACKET.
5. ALL MAST ARM MOUNTED SIGNAL HEADS ARE TO BE ATTACHED 0.6M (2 FEET) FROM END OF MAST ARM UNLESS OTHERWISE NOTED.
6. ALL SIGNAL POSTS SHALL BE SET BACK 1.2M (4 FEET) MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK 1.8M (6 FEET) MINIMUM FROM THEIR CENTER TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS THE MAST ARM POLE AND THE SIGNAL POST SHALL BE LOCATED A MINIMUM OF 3.0M (10 FEET) BEHIND THE EDGE OF PAVEMENT OR 0.3M (2 FEET) BEHIND THE EDGE OF THE SHOULDER, WHICHEVER DISTANCE IS GREATER.
7. AFTER INSTALLING THE PERMANENT TRAFFIC SIGNALS, THE CONTRACTOR SHALL REMOVE THE EXISTING TEMPORARY TRAFFIC SIGNALS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL RETURN THE TEMPORARY CONTROLLER AND CABINET, COMPLETE, TO THE COOK COUNTY HIGHWAY DEPARTMENT. ALL WORK ASSOCIATED WITH THE REMOVAL, STORAGE AND DISPOSAL OF THE EXISTING TEMPORARY SIGNALS SHALL BE INCLUDED WITH THE PAY ITEM, 'REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT'.



FOR REFERENCE PURPOSES ONLY, EXISTING CONDITIONS

2001	COOK	A61	122	92
STA.		TO STA.		
SECTION		98-A6108-03-FP		

83709
SHEET 107

SCHEDULE OF QUANTITIES

PAY ITEM	UNITS	QUANTITY
SIGNAL HEAD, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, 1-FACE BRACKET MOUNTED	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	2
DETECTOR LOOP, TYPE I	METER	295
INDUCTIVE LOOP DETECTOR	EACH	6
TRAFFIC SIGNAL BACKPLATE	EACH	8
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.25 METER	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	1
STEEL MAST ARM ASSEMBLY & POLE, 6.70 METER	EACH	1
STEEL MAST ARM ASSEMBLY & POLE, 7.31 METER	EACH	1
STEEL MAST ARM ASSEMBLY & POLE, 7.92 METER	EACH	1
STEEL MAST ARM ASSEMBLY & POLE, 10.36 METER	EACH	1
CONDUIT IN TRENCH, 40 mm DIA., GALVANIZED STEEL	METER	52
CONDUIT IN TRENCH, 50 mm DIA., GALVANIZED STEEL	METER	184
CONDUIT IN TRENCH, 65 mm DIA., GALVANIZED STEEL	METER	45
CONDUIT IN TRENCH, 100 mm DIA., GALVANIZED STEEL	METER	4
CONDUIT PUSHED, 50 mm DIA., GALVANIZED STEEL	METER	15
CONDUIT PUSHED, 100 mm DIA., GALVANIZED STEEL	METER	62
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	56
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	METER	107
ELECTRIC CABLE IN CONDUIT, LEAD IN, NO. 14, 1 PAIR	METER	460
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	METER	170
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	METER	330
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	METER	410
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	METER	285
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 20 3C, TWISTED, SHIELDED	METER	6
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SERVICE INSTALLATION, TYPE C	EACH	1
CONCRETE FOUNDATION, TYPE A	METER	2.4
CONCRETE FOUNDATION, TYPE D	METER	1.2
CONCRETE FOUNDATION, TYPE E, 750 mm DIAMETER	METER	11.5
CONCRETE HANDHOLE	EACH	4
CONCRETE DOUBLE HANDHOLE	EACH	1
CONCRETE HEAVY-DUTY HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	310
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
DRILL EXISTING HANDHOLE	EACH	7
MEDIAN REMOVAL AND REPLACEMENT	SQ. M.	13

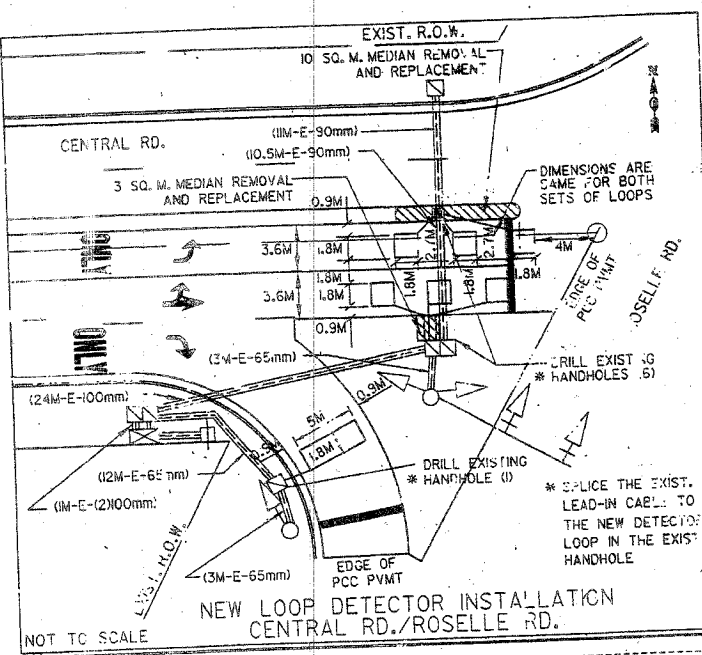
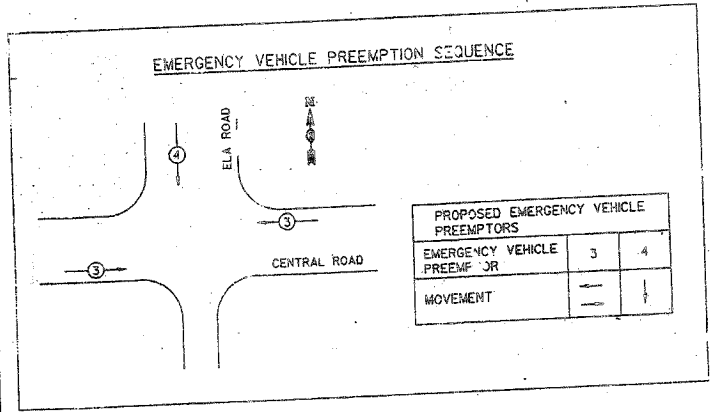
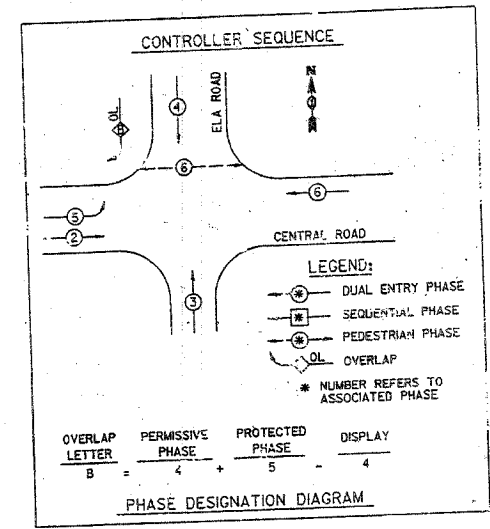
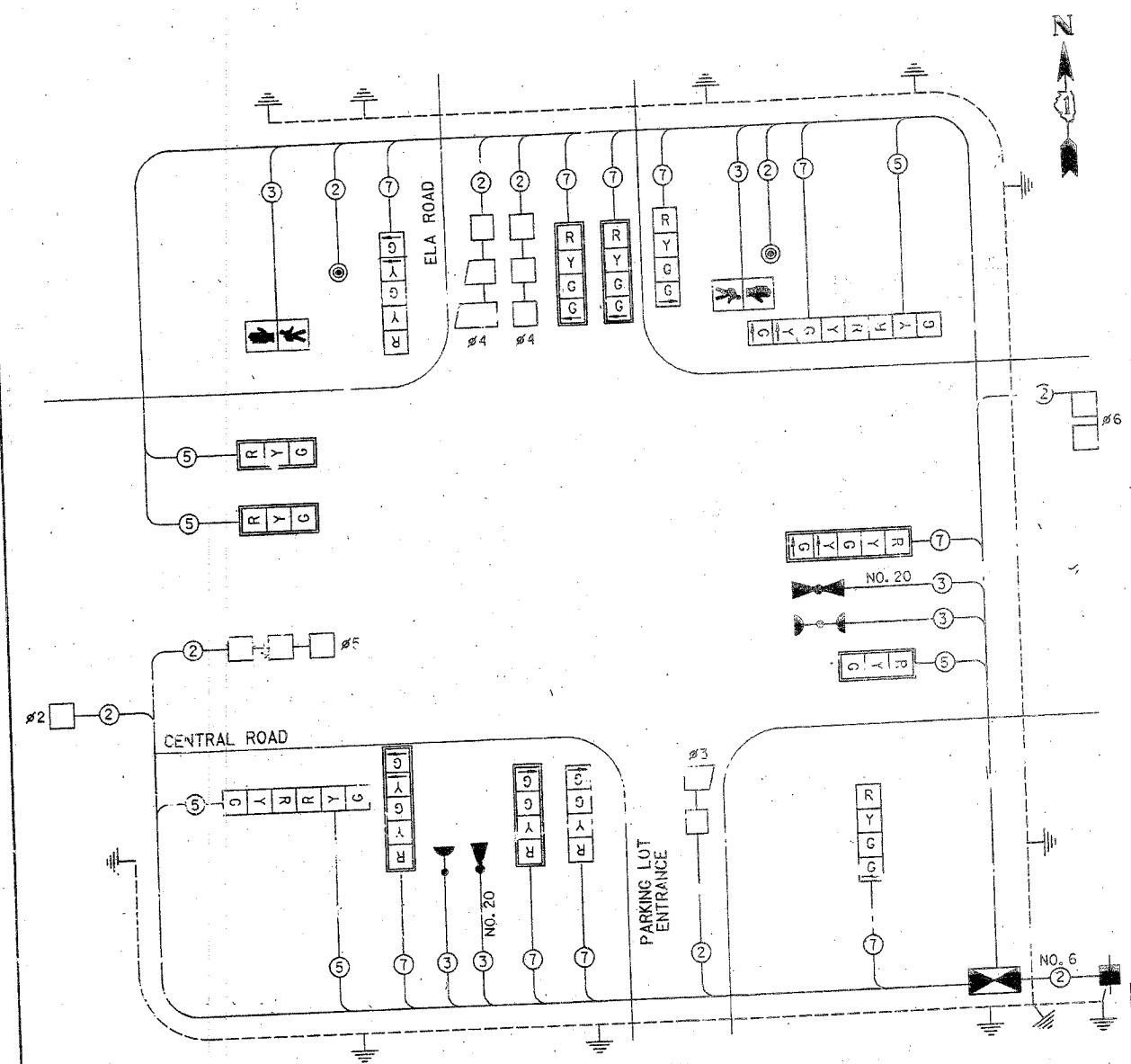
100% COST TO THE VILLAGE OF HOFFMAN ESTATES
AT CENTRAL ROAD AND ELA ROAD THE HEAVY DUTY HANDHOLE WILL BE INSTALLED IN THE MEDIAN AFTER PARTIAL DEPTH MEDIAN REMOVAL. SEE PLAN AND PROFILE SHEET 17.

REVISIONS	
NAME	DATE

COUNTY OF COOK
DEPARTMENT OF HIGHWAYS
SCHEDULE OF QUANTITIES, CABLE
PLAN AND SEQUENCE OF
OPERATIONS CENTRAL ROAD
AND ELA ROAD
SCALE: NONE
DATE: FEB 23, 2001
CHECKED BY: KJS

CABLE PLAN LEGEND

- EXISTING PROPOSED
- 12" (300mm) TRAFFIC SIGNAL SECTION
 - 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - CONTROLLER CABINET
 - SERVICE INSTALLATION
 - VEHICLE DETECTOR, INDUCTION LOOP
 - MAGNETIC DETECTOR
 - EMERGENCY VEHICLE LIGHT DETECTOR
 - CONFIRMATION BEACON
 - PUSHBUTTON DETECTOR
 - DENOTES NUMBER OF CONDUCTORS.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
 - SIGNAL FACE WITH BACKPLATE.
"P" INDICATES PROGRAMMED.
 - GROUND ROD, 3/4"
 - GROUND CABLE, NO. 6, 1/C



Revised 2/23/01