

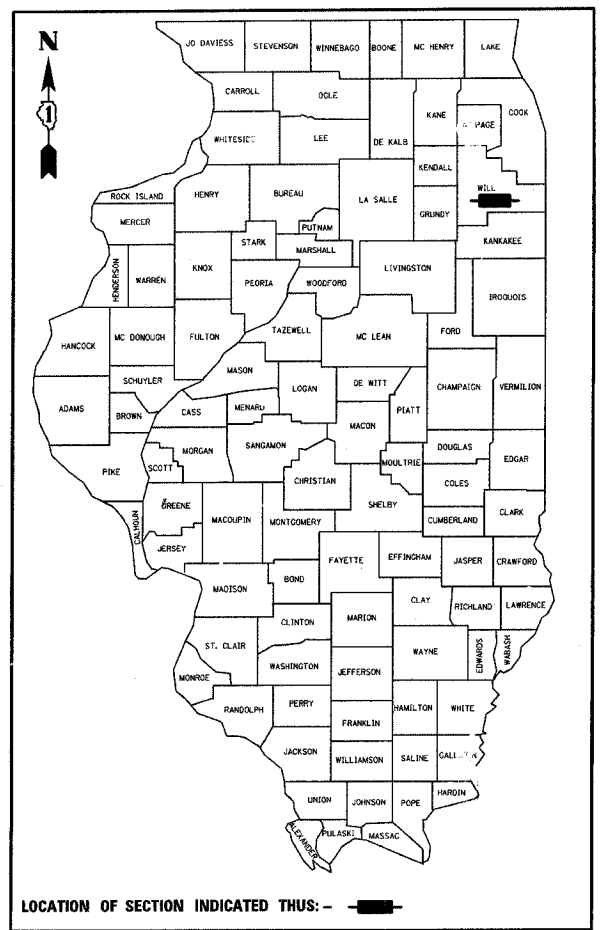
F.A. R/YE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	1

CONTRACT NO. 83858

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

(FAU 3753) SAUK TRAIL
CENTER ROAD TO PFEIFFER ROAD
ROADWAY WIDENING AND RESURFACING
SECTION 04-00037-00-WR
PROJECT NO. M-8003(485)
JOB NO. C-91-135-05

WILL COUNTY
VILLAGE OF FRANKFORT



INDEX OF SHEETS

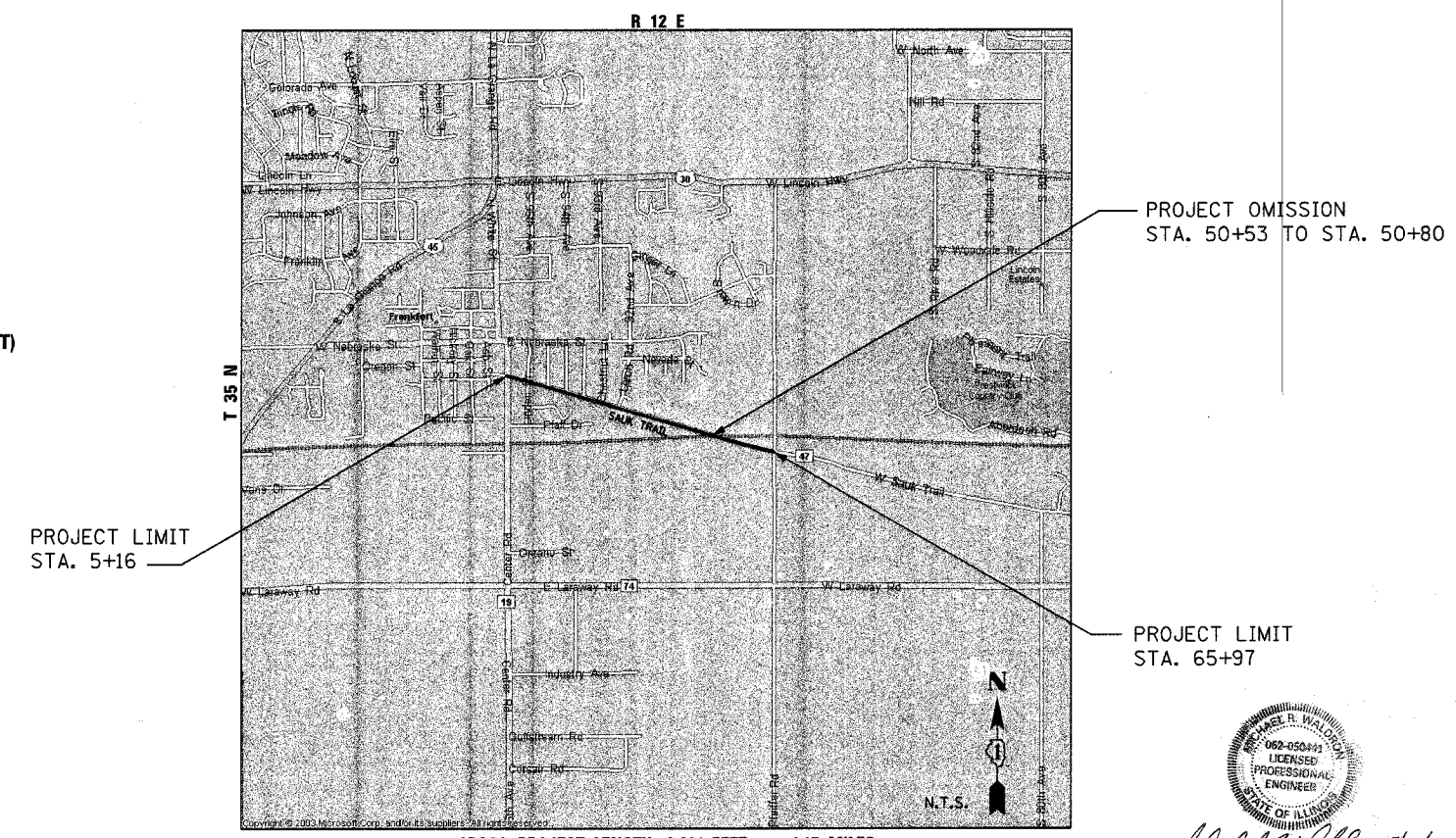
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, HIGHWAY STANDARDS AND DISTRICT STANDARDS
3	SUMMARY OF QUANTITIES
4 - 7	EXISTING AND PROPOSED TYPICAL SECTIONS
8 - 10	SCHEDULE OF QUANTITIES
11	HORIZONTAL ALIGNMENT
12 - 13	CONTROL POINT TIES AND BENCHMARKS
14	SUGGESTED STAGES OF CONSTRUCTION
15 - 25	EXISTING AND PROPOSED PLAN AND PROFILE SHEETS
26 - 31	PROPOSED PAVEMENT MARKING PLANS
32 - 42	PROPOSED DRAINAGE PLAN AND PROFILE SHEETS
43 - 48	PROPOSED LANDSCAPING AND EROSION CONTROL PLAN
49	LIGHTING RELOCATION PLAN
50 - 65	DISTRICT DETAILS
66 - 92	CROSS SECTIONS

DESIGN DESIGNATION

1,778 (14) COLLECTOR 0.50 (BIT-20)

VILLAGE OF FRANKFORT

ADT SAUK TRAIL (2004)	1,594
ADT SAUK TRAIL (2024)	6,693
POSTED SPEED LIMIT SAUK TRAIL.	35 mph
	45 mph (UNINCORPORATED FRANKFORT)



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

GROSS PROJECT LENGTH: 6,081 FEET = 1.15 MILES
NET PROJECT LENGTH: 6,054 FEET = 1.15 MILES

Michael R. Waldron
2006/06/07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED MAY 25 2006
And E. Glavin
VILLAGE ENGINEER

PASSED JUNE 2 2006
Chris Holt
LOCAL ROADS AND STREETS

SIGNED JUNE 2 2006
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAY, REGION ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

STRAND ASSOCIATES, INC. ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, IL 60431

IDOT DESIGN ENGINEER - JESSICA A. MILLER (847) 705-4187 STRAND ASSOCIATES, INC. PROJECT MANAGER - JASON R. MARTIN, P.E. (815) 744-4200

SUMMARY OF QUANTITIES

83858

ROADWAY 1000-2A


ITEM NO.	DESCRIPTION	UNIT	QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30
20101100	TREE TRUNK PROTECTION	EACH	3
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	175
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	175
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	175
20200100	EARTH EXCAVATION	CU YD	2500
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3600
20201500	SUB-BASE GRANULAR MATERIAL, TYPE B	TN	150
20400800	FURNISHED EXCAVATION	CU YD	3750
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CY	900
28000300	TEMPORARY DITCH CHECKCS	EACH	22
20800150	TRENCH BACKFILL	CU YD	800
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2046
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	10419
21400100	GRADING AND SHAPING DITCHES	FOOT	3000
25000210	SEEDING, CLASS 2A	ACRE	0.75
25100630	EROSION CONTROL BLANKET	SQ YD	3000
25200110	SODDING, SALT TOLERANT	SQ YD	7200
28000400	PERIMETER EROSION BARRIER	FOOT	7875
28000500	INLET AND PIPE PROTECTION	EACH	20
28100105	STONE RIPRAP, CLASS A3	SQ YD	40
28200200	FILTER FABRIC	SQ YD	40
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	5478
35800100	PREPARATION OF BASE	SQ YD	5478
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	232
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	3550
40600895	CONSTRUCTING TEST STRIP	EACH	3
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	988
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	181
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13881
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1229
42400800	DETECTABLE WARNINGS	SQ FT	650
44000006	BITUMINOUS SURFACE REMOVAL 1.5"	SQ YD	220
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	1840
44000100	PAVEMENT REMOVAL	SQ YD	252
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2003
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	565
44000600	SIDEWALK REMOVAL	SQ FT	2132
44201769	CLASS D PATCHES, TYPE III, 10"	SQ YD	350
44201771	CLASS D PATCHES, TYPE IV, 10"	SQ YD	320
48101200	AGGREGATE SHOULDERS, TYPE B	TON	600
50105220	PIPE CULVERT REMOVAL	FOOT	1620
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
550A0050	STORM SEWER, CLASS A, TYPE I 12"	FOOT	415
550A0070	STORM SEWER, CLASS A, TYPE I 15"	FOOT	150
550A0120	STORM SEWER, CLASS A, TYPE I 24"	FOOT	30
550A0340	STORM SEWER, CLASS A, TYPE II 12"	FOOT	80
550A0360	STORM SEWER, CLASS A, TYPE II 15"	FOOT	640
550A0380	STORM SEWER, CLASS A, TYPE II 18"	FOOT	730
550A0410	STORM SEWER, CLASS A, TYPE II 24"	FOOT	470
550A0450	STORM SEWER, CLASS A, TYPE II 36"	FOOT	200
56109210	WATER VALVES TO BE ADJUSTED	EACH	10
56400100	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	5
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 FRAME AND GRATE	EACH	1
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	3
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 FRAME AND GRATE	EACH	18
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 FRAME AND GRATE	EACH	20
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 FRAME AND GRATE	EACH	2
60236200	INLETS, TYPE A, TYPE 8 FRAME AND GRATE	EACH	5
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	14
60261000	INLETS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	1
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	1
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	20
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	10
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5422

ROADWAY 1000-2A

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	225
63000025	STEEL PLATE BEAM GUARD RAIL ATTACHED TO STRUCTURES	FOOT	100
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2
67100100	MOBILIZATION	LSUM	1
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LSUM	1
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	430
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11000
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1969
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	306
70300270	TEMPORARY PAVEMENT MARKING - LINE 16"	FOOT	84
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	200
72000100	SIGN PANEL - TYPE 1	SQ FT	149
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	13
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	15
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	15
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	38
72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	25
72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	25
73000100	WOOD SIGN SUPPORT	FT	153
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	430
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11000
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1969
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	306
78000610	THERMOPLASTIC PAVEMENT MARKING - LINE 16"	FOOT	84
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	200
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	30
78300400	THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ FT	72
80700140	GROUND ROD, 5/8" DIA. X 10 FT	EACH	5
84400105	RELOCATE EXISTING LIGHT UNIT	EACH	7
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	59
X3550500	BITUMINOUS BASE COURSE 8" (SUPERPAVE)	SQ YD	5478
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	1718
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N50	TON	680
X4066765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	160
XX004352	RELOCATE MAILBOX ON EXISTING SUPPORT	EACH	16
XX004512	LANDSCAPING MULCH	SQ FT	50
XX005321	SUPPLEMENTAL WATERING SPECIAL	LSUM	1
XX104100	CONNECTION TO EXISTING MANHOLE	EACH	2
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	290
Z0004500	BITUMINOUS DRIVEWAY PAVEMENT, 8"	SY	660
Z0013798	CONSTRUCTION LAYOUT	LSUM	1
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	2
Z0019600	DUST CONTROL WATERING	UNIT	5
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1
XX00 6615	LUMINAIRE	EACH	5
XX00 6616	LANDSCAPE REMOVAL	EACH	5

* SPECIALTY ITEMS

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	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAU 3753 SAUK TRAIL SUMMARY OF QUANTITIES
	NAME	DATE	
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DATE 6/28/2006			CHECKED BY JRM

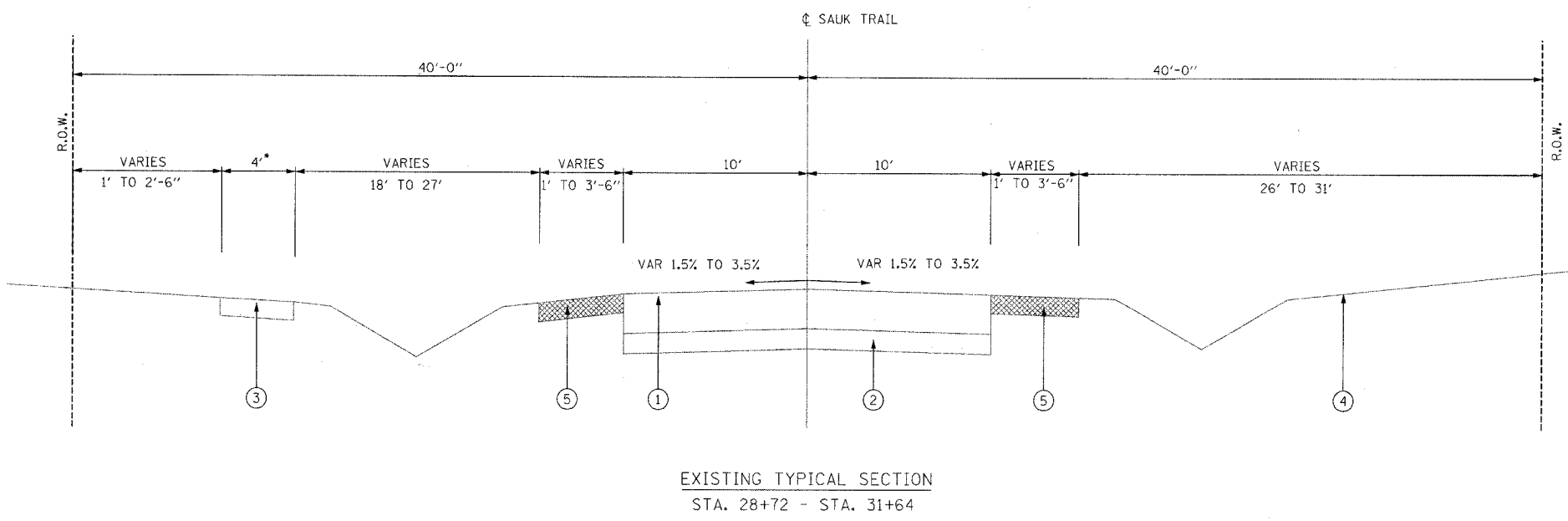
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3753	04-00037-00-WR	WILL	92	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

83858

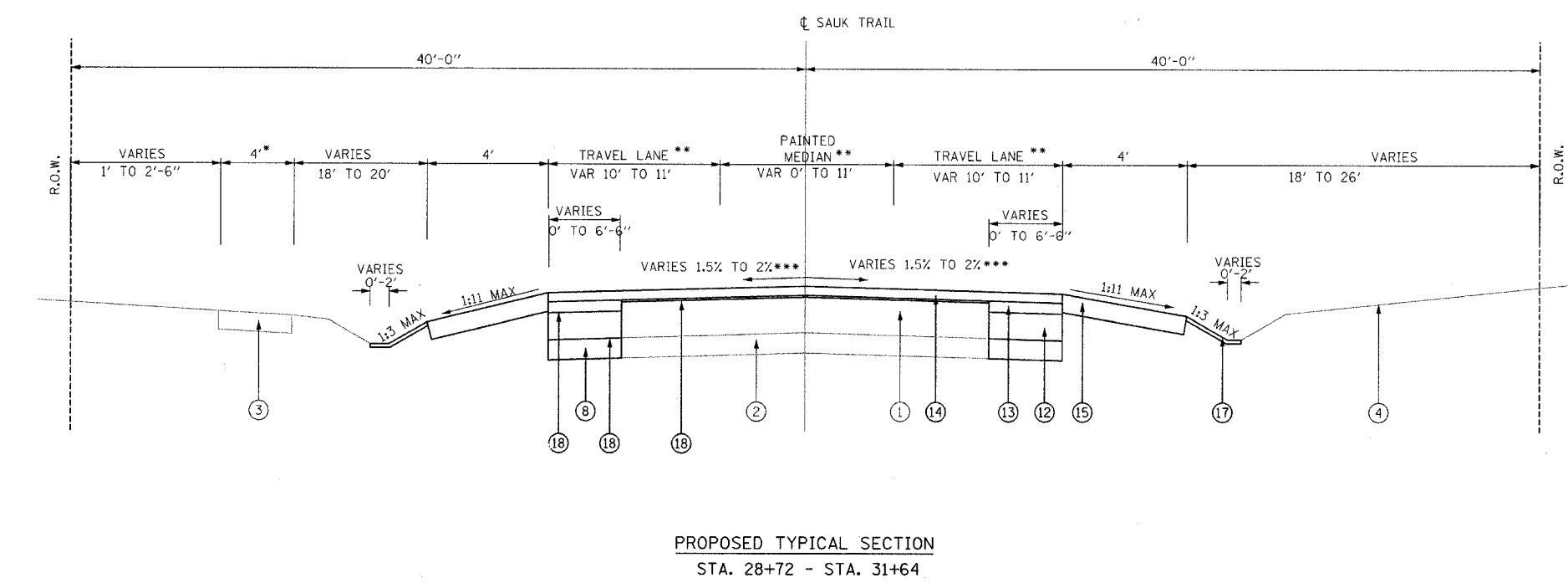
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- ① EXISTING BITUMINOUS PAVEMENT (7.6"-8.0")
- ② EXISTING SUB-BASE GRANULAR MATERIAL (7.6"-8.0")
- ③ EXISTING P.C.C. SIDEWALK, 5"
- ④ EXISTING TURF AREA
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑧ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ⑫ PROP. BITUMINOUS BASE COURSE, 8", SUPERPAVE
- ⑬ PROP. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, N50, 2 1/4"
- ⑭ PROP. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 1 1/2"
- ⑮ PROP. AGGREGATE SHOULDERS, TYPE B
- ⑰ PROP. TOPSOIL FURNISH AND PLACE, 4" WITH PROP. SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
- ⑱ BITUMINOUS MATERIAL (PRIME COAT)



- P.C.C. SIDEWALK ENDS AT STA. 32+35.76.
 - ** PAINTED MEDIAN ENDS AT STA. 32+05. TWO 10' TRAVEL LANES ACROSS EXISTING BOX CULVERT BETWEEN STA. 31+64.5 AND STA. 54+38.
 - *** HORIZONTAL CURVE WITH SUPERELEVATION RATE OF 1.5% AND SUPERELEVATION RUNOFF LENGTH OF 50 FT BETWEEN STA. 52+87 AND STA. 54+38.
- REMOVAL ITEMS

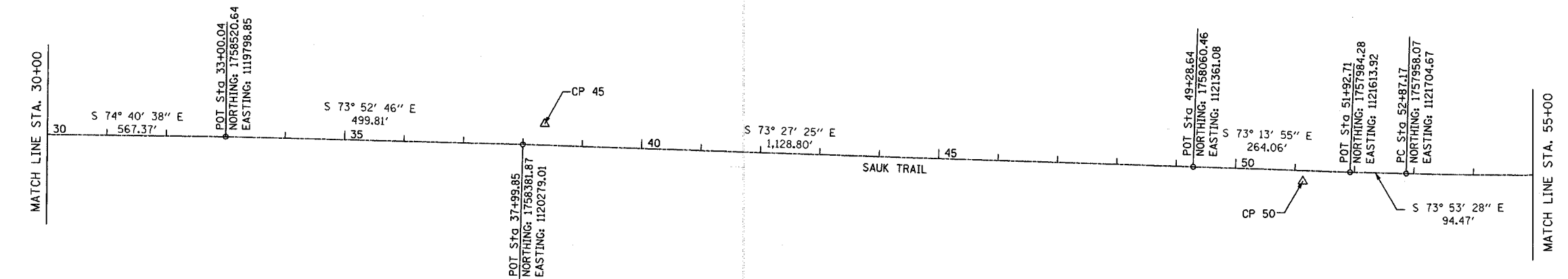
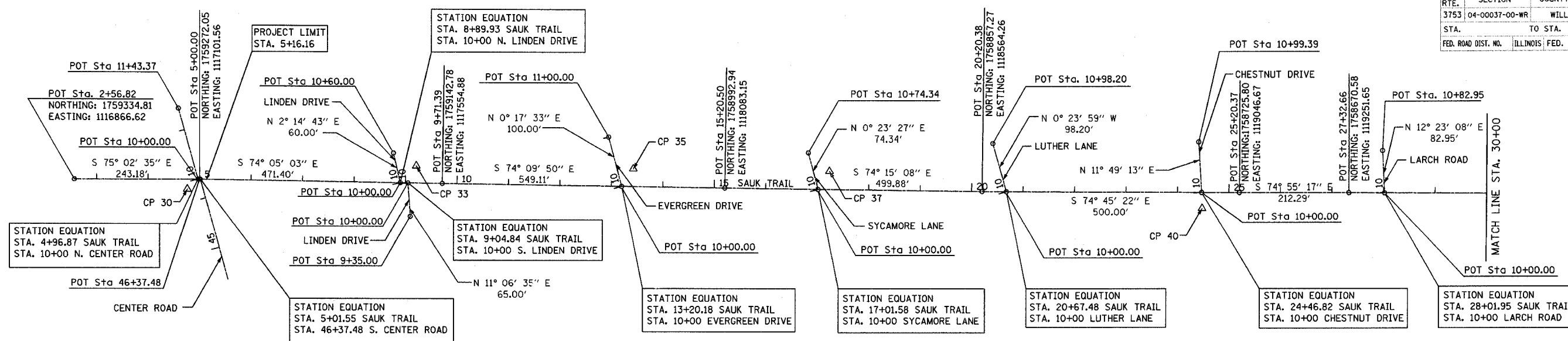
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	NAME	DATE	
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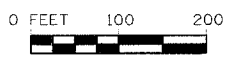
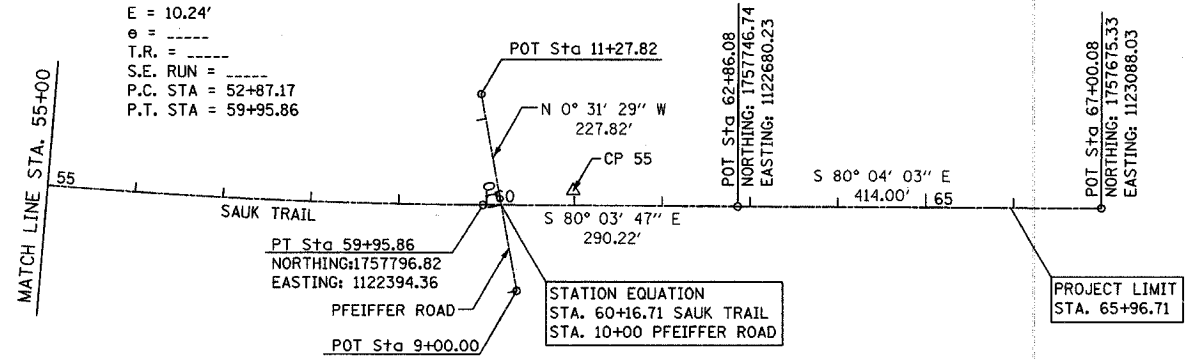
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	83858	



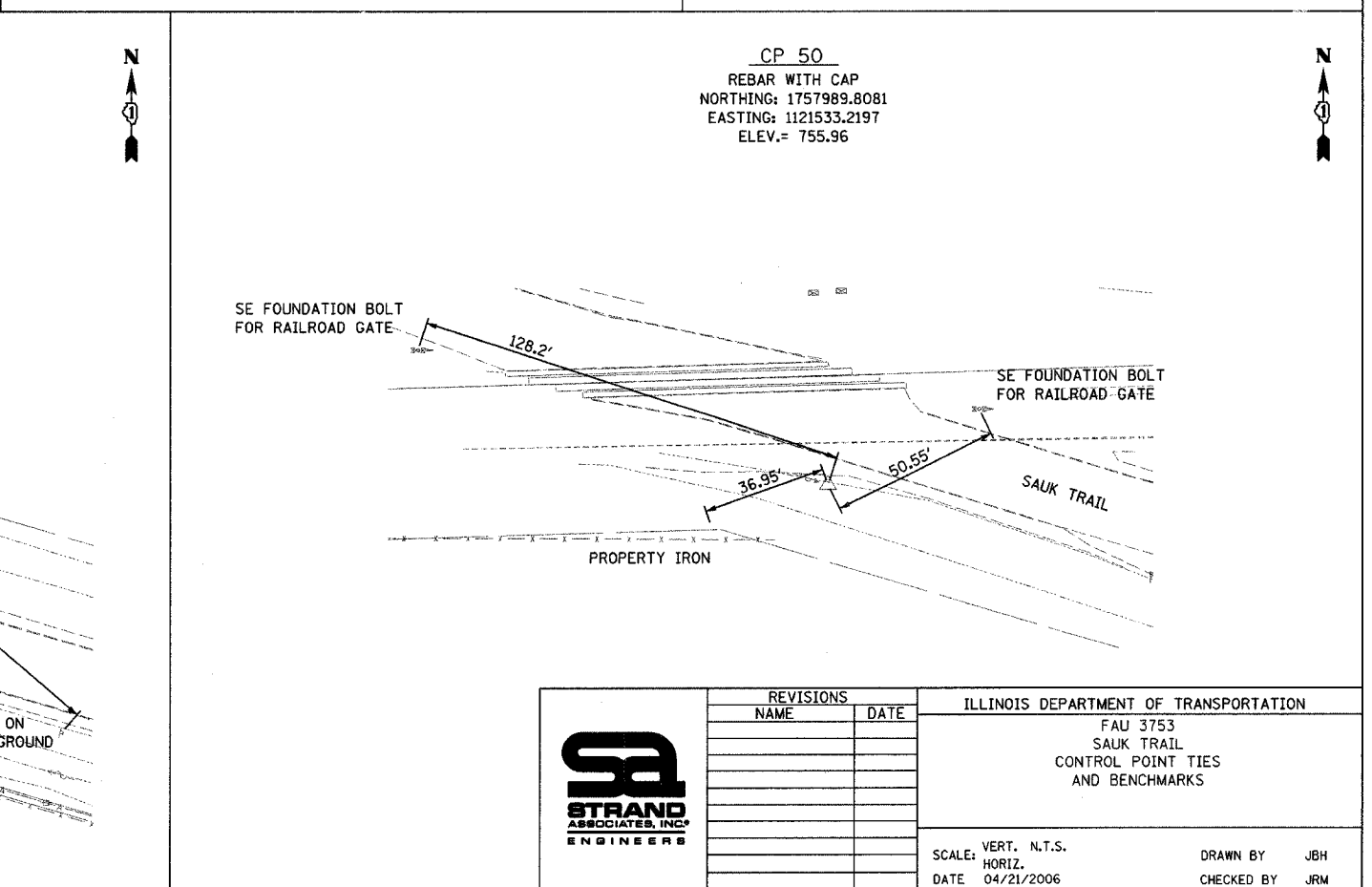
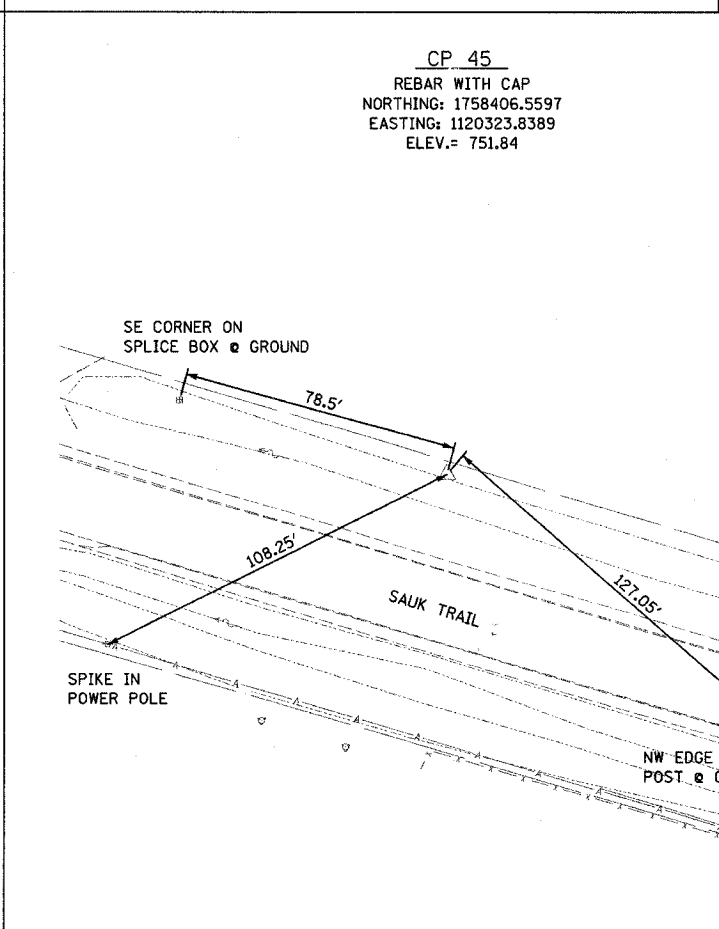
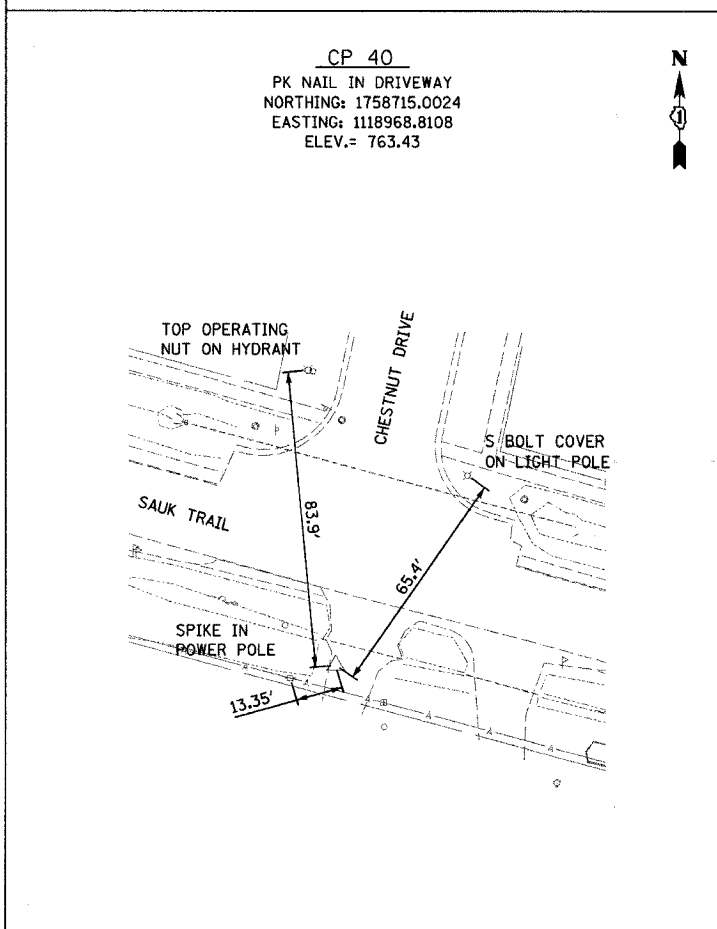
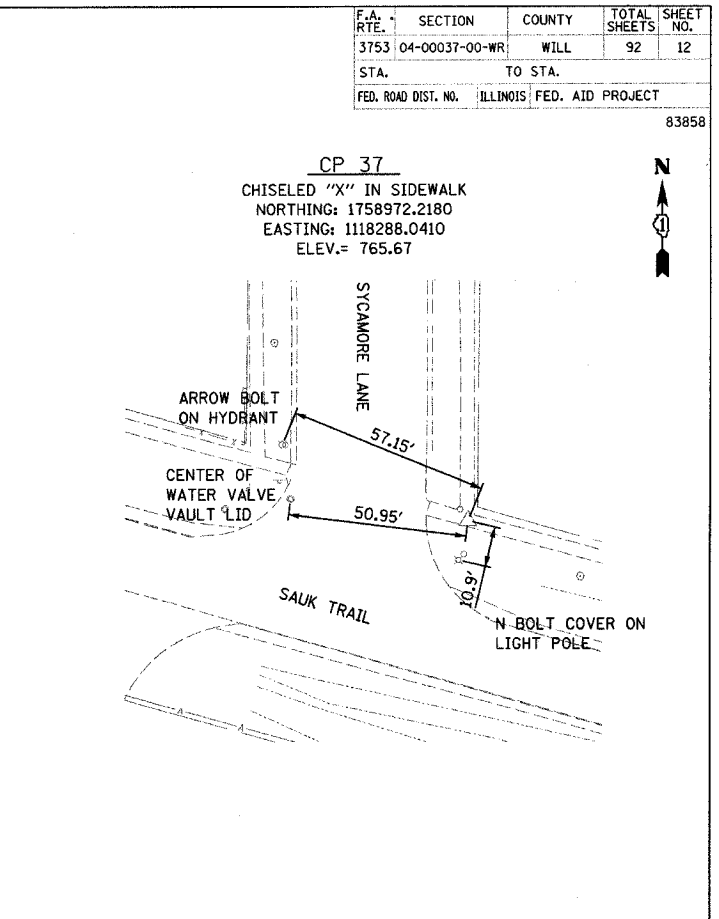
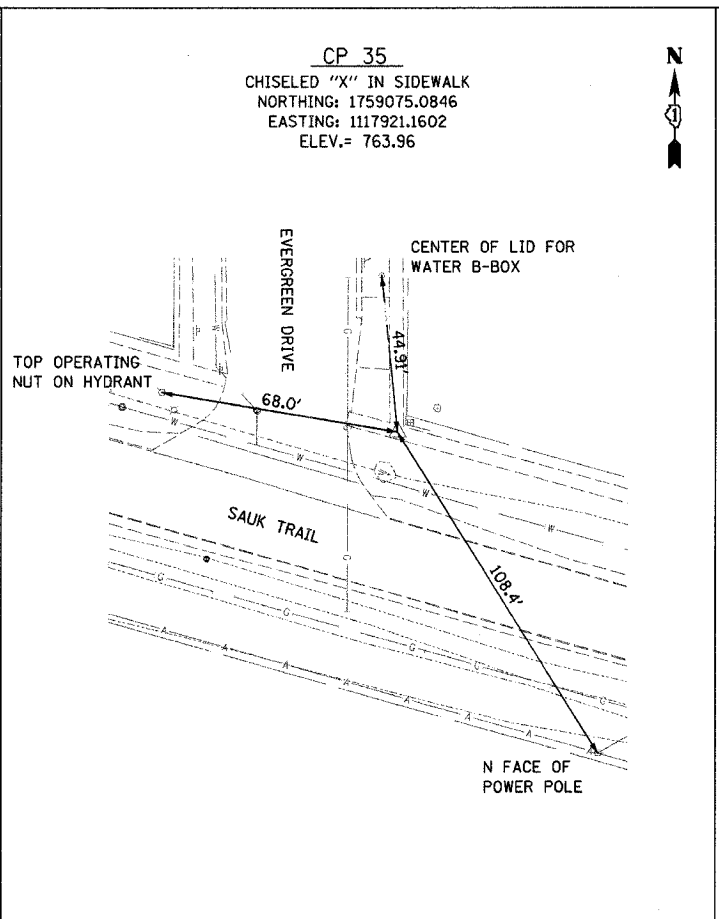
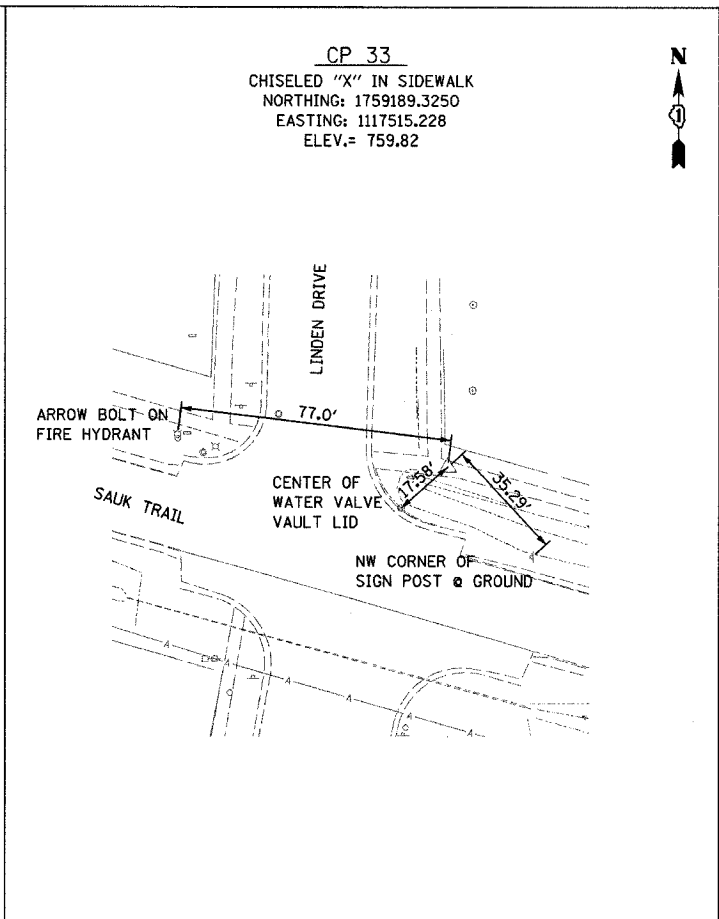
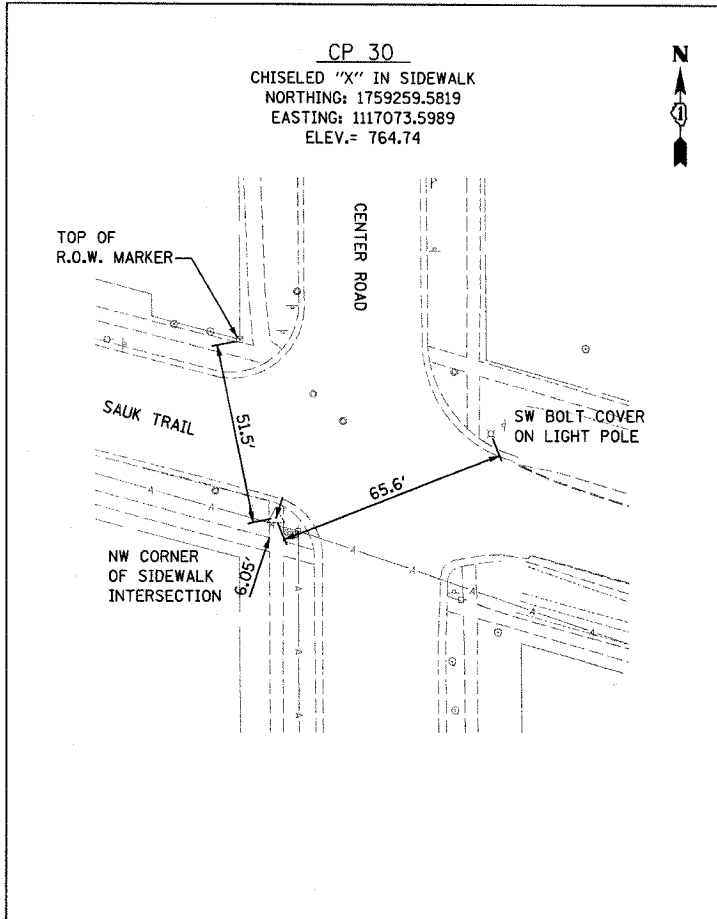
PROP. CURVE ST-STA-1
 PI STA. = 56+41.91
 $\Delta = 6^\circ 36' 51''$ (LT)
 $D = 0^\circ 56' 00''$
 $R = 6,138.89'$
 $T = 354.74'$
 $L = 708.68'$
 $E = 10.24'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA} = 52+87.17$
 $P.T. \text{ STA} = 59+95.86$



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION	
FAU 3753	
SAUK TRAIL	
HORIZONTAL ALIGNMENT	
SCALE: VERT. HORIZ. DATE 04/21/2006	DRAWN BY: JBH CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	83858	



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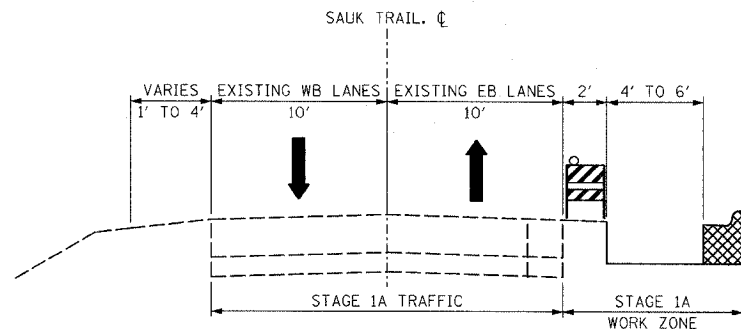
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 3753
SAUK TRAIL
CONTROL POINT TIES
AND BENCHMARKS

SCALE: VERT. N.T.S.
HORIZ.
DATE 04/21/2006

DRAWN BY JBH
CHECKED BY JRM

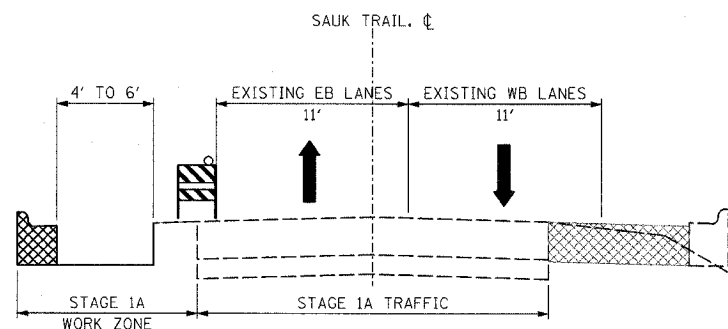
STAGE 1A



DURING STAGE 1A, BOTH EASTBOUND (EB) AND WESTBOUND (WB) LANES SHALL REMAIN OPEN TO TRAFFIC. THE CONTRACTOR WILL BE ABLE TO INSTALL CURB AND GUTTER, SIDEWALK, DRAINAGE STRUCTURES AND SEWER LATERALS.

HIGHWAY STANDARDS: 701001-01, 701006-02, 701011-01, 701301-02, 701801-03, 702001-06

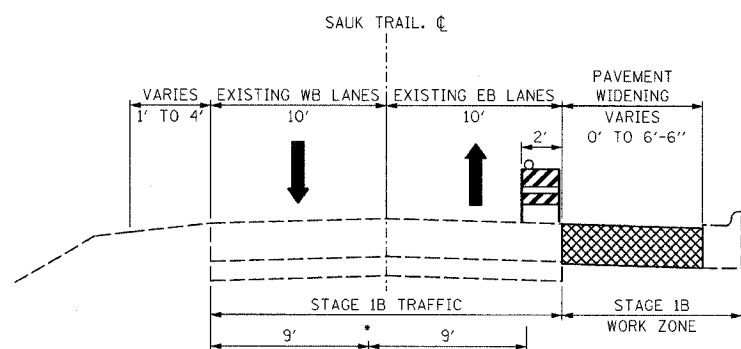
STAGE 2A



DURING STAGE 2A, BOTH EASTBOUND (EB) AND WESTBOUND (WB) LANES SHALL REMAIN OPEN TO TRAFFIC. THE CONTRACTOR WILL BE ABLE TO INSTALL CURB AND GUTTER, SIDEWALK, DRAINAGE STRUCTURES AND SEWER LATERALS.

HIGHWAY STANDARDS: 701001-01, 701006-02, 701011-01, 701301-02, 701801-03, 702001-06

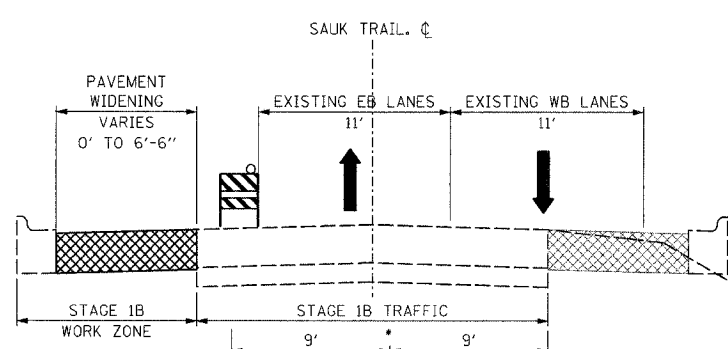
STAGE 1B



DURING STAGE 1B, THE EASTBOUND AND WESTBOUND TRAFFIC LANES WIDTH SHALL BE REDUCED TO 9 FEET. THE CONTRACTOR WILL BE ABLE TO EXCAVATE AND PLACE THE SUBBASE, BASE, AND BINDER COURSES FOR THE PAVEMENT WIDENING AND GRADE THE PARKWAYS AS REQUIRED. THE CONTRACTOR SHALL CLOSE THE EB TRAVEL LANES, AS APPROVED BY THE ENGINEER, TO GRIND THE EXISTING PAVEMENT AND PATCH TO THE REQUIRED DEPTH AS NECESSARY. THE REQUIRED GRINDING DEPTH WILL BE ACHIEVED BY BITUMINOUS SURFACE REMOVAL - VARIABLE DEPTH. DURING DAY TIME OPERATIONS FLAGGERS SHALL BE USED TO CONTROL TRAFFIC IN LOCATIONS WHERE THE TRAFFIC WIDTH IS LESS THAN 18 FEET AT ANY TIME. THE CONTRACTOR SHALL ENSURE THAT TWO LANES SHALL BE PROVIDED AT ALL TIMES AT NIGHT.

HIGHWAY STANDARDS: 701001-01, 7001006-02, 701011-02, 701201-02, 701301-02, 701306-01, 701326-02, 701501-03, 701801-03, 702001-06

STAGE 2B



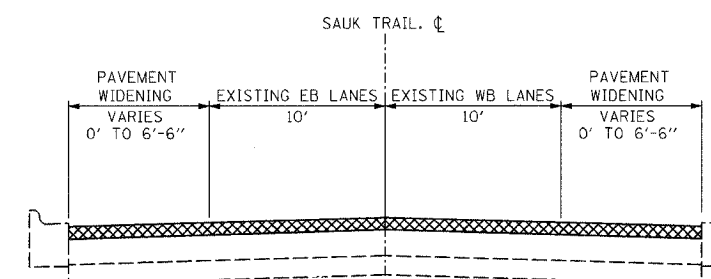
DURING STAGE 2B, THE EASTBOUND AND WESTBOUND TRAFFIC LANES WIDTH SHALL BE REDUCED TO 9 FEET. THE CONTRACTOR WILL BE ABLE TO EXCAVATE AND PLACE THE SUBBASE, BASE, AND BINDER COURSES FOR THE PAVEMENT WIDENING AND GRADE THE PARKWAYS AS REQUIRED. THE CONTRACTOR SHALL CLOSE THE EB TRAVEL LANES, AS APPROVED BY THE ENGINEER, TO GRIND THE EXISTING PAVEMENT AND PATCH TO THE REQUIRED DEPTH AS NECESSARY. THE REQUIRED GRINDING DEPTH WILL BE ACHIEVED BY BITUMINOUS SURFACE REMOVAL - VARIABLE DEPTH. DURING DAY TIME OPERATIONS FLAGGERS SHALL BE USED TO CONTROL TRAFFIC IN LOCATIONS WHERE THE TRAFFIC WIDTH IS LESS THAN 18 FEET AT ANY TIME. THE CONTRACTOR SHALL ENSURE THAT TWO LANES SHALL BE PROVIDED AT ALL TIMES AT NIGHT.

HIGHWAY STANDARDS: 701001-01, 7001006-02, 701011-02, 701201-02, 701301-02, 701306-01, 701326-02, 701501-03, 701801-03, 702001-06

GENERAL NOTES

- ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES.
- THE MAXIMUM ALLOWABLE LANE DROP DIFFERENTIAL ALLOWED WILL BE 2-1/4".
- DETOURS ARE NOT ANTICIPATED BUT WILL BE ALLOWED IF APPROVED BY THE ENGINEER. THEIR COST WILL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM. SAUK TRAIL DETOURS WILL BE REQUIRED TO DIRECT TRAFFIC TO NEBRASKA STREET AND SHALL BE INSTALLED ACCORDING TO THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES MANUAL AND APPLICABLE IDOT HIGHWAY STANDARDS.
- SIDE ROAD ACCESS MUST BE MAINTAINED DURING CONSTRUCTION. TEMPORARY PAVEMENT QUANTITY IS INCLUDED TO RE-ESTABLISH CROSS TRAFFIC FOLLOWING THE GRINDING OPERATION. TEMPORARY RAMPS AND A SUITABLE DRIVING SURFACE SHALL BE PROVIDED FOR CROSS TRAFFIC IMMEDIATELY FOLLOWING GRINDING ACROSS AN INTERSECTION.
- ANY SIDEWALK CLOSURES REQUIRED ALONG THE PROJECT CORRIDOR SHALL BE DONE ACCORDING TO HIGHWAY STANDARD 701801-03.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT DETAILED WORK SCHEDULES FOR EACH LOCATION ALONG THE PROJECT CORRIDOR. THE SCHEDULES SHALL BE APPROVED BY THE VILLAGE OF FRANKFORT AND THE ENGINEER PRIOR TO THE CONTRACTOR STARTING WORK IN ANY AREA.
- WEEKLY PROGRESS MEETINGS SHALL BE HELD BY THE CONTRACTOR TO UPDATE THE VILLAGE AND RESIDENTS.

STAGE 3



DURING STAGE 3, ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION. THE CONTRACTOR WILL BE ABLE TO PLACE THE SURFACE COURSE, AND PERMANENT PAVEMENT MARKINGS

HIGHWAY STANDARDS: 701306-01, 701311-02, 701502-01, 701801-03, 702001-06

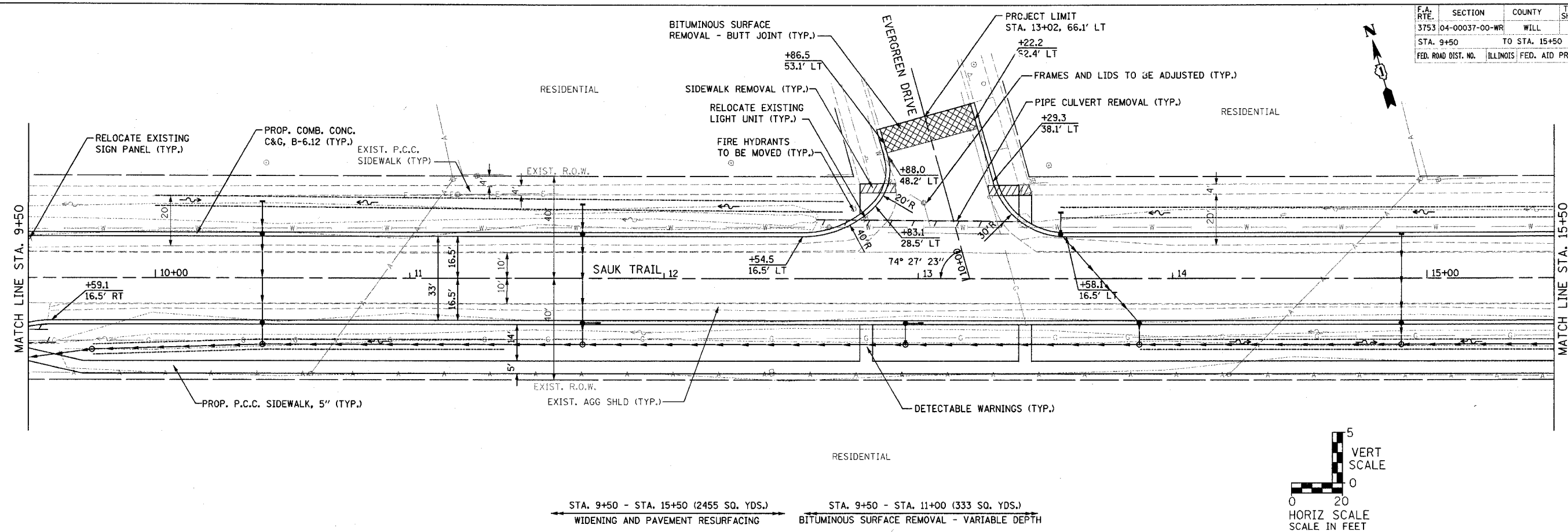
	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAU 3735 SAUK TRAIL SUGGESTED STAGES OF CONSTRUCTION
	NAME	DATE	
SCALE: VERT. NTS		DRAWN BY JBH	
DATE 04/21/2006			CHECKED BY JRM

TIME: 12:37:12 PM

DATE: 04/21/2006

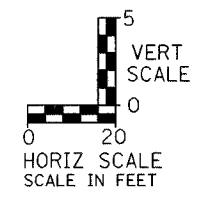
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	16
STA. 9+50		TO STA. 15+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJ. NO.		83858



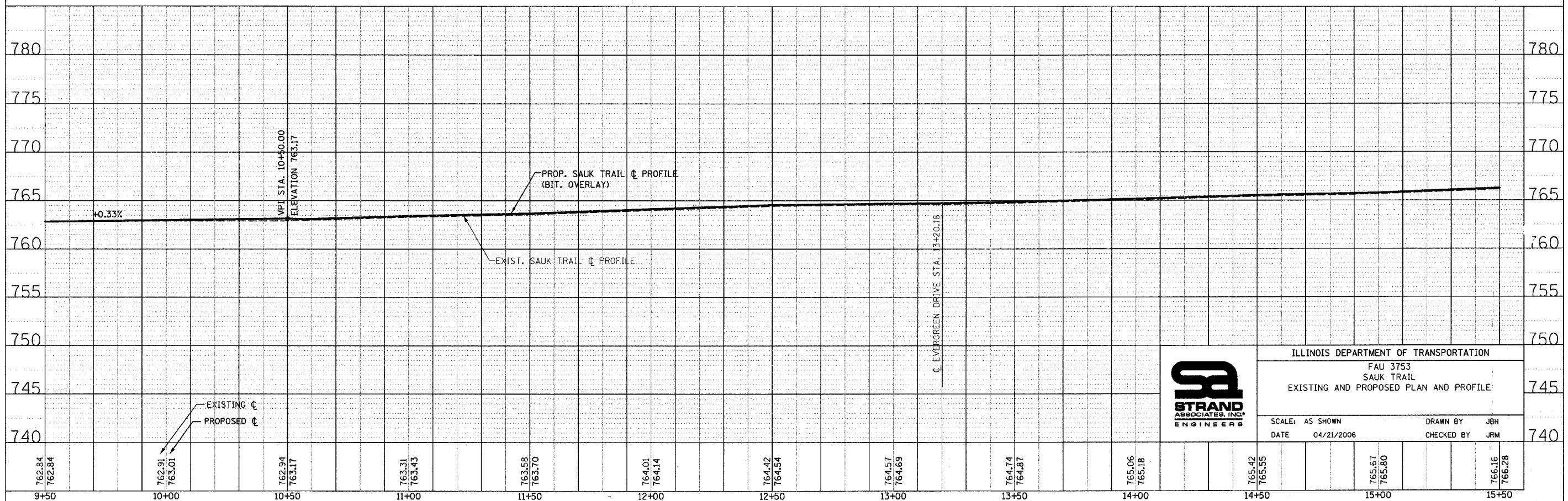
STA. 9+50 - STA. 15+50 (2455 SQ. YDS.)
WIDENING AND PAVEMENT RESURFACING

STA. 9+50 - STA. 11+00 (333 SQ. YDS.)
BITUMINOUS SURFACE REMOVAL - VARIABLE DEPTH



PLAN	SURVEYED	DATE
	BY	
	NOTED	
	PLOTTED	
	FILED	
	REVISIONS	
	NO. DATE	
	BY	
	DESCRIPTION	
	DATE	

PROFILE	SURVEYED	DATE
	BY	
	NOTED	
	PLOTTED	
	FILED	
	REVISIONS	
	NO. DATE	
	BY	
	DESCRIPTION	
	DATE	

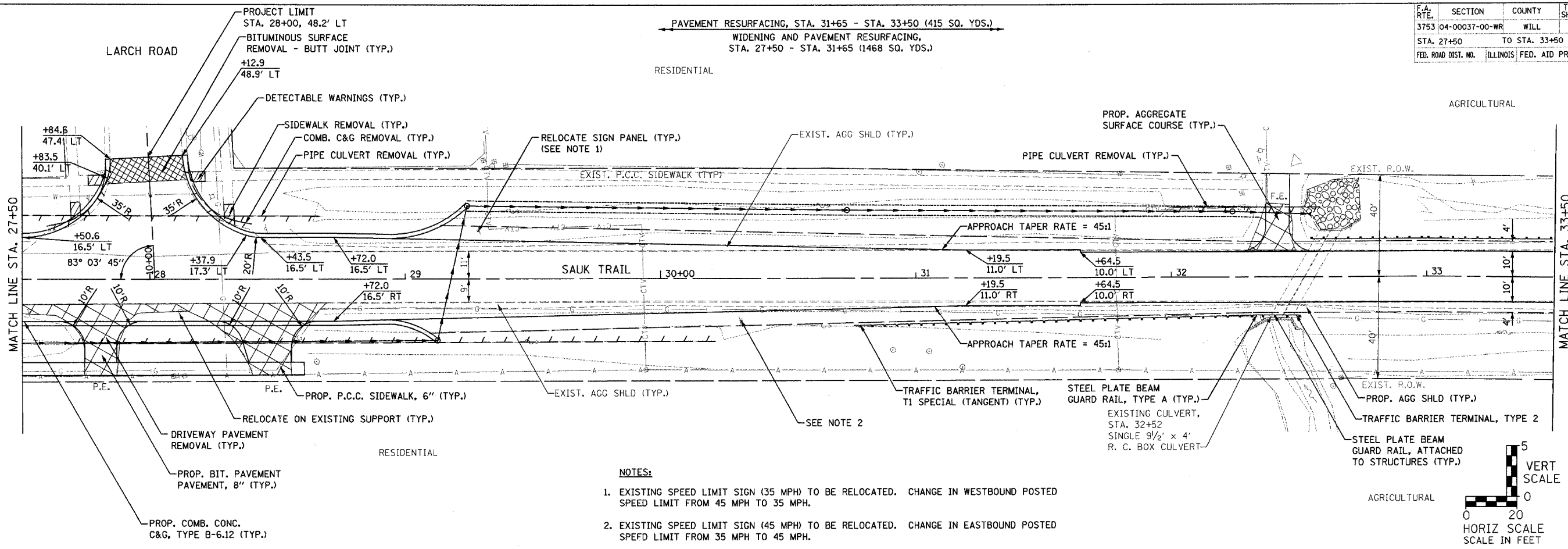


ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 3753
SAUK TRAIL
EXISTING AND PROPOSED PLAN AND PROFILE

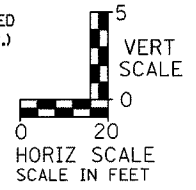
SCALE: AS SHOWN
DATE: 04/21/2006
DRAWN BY: JBH
CHECKED BY: JRM

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9+50		10+00		10+50		11+00		11+50		12+00		12+50		13+00		13+50		14+00		14+50		15+00		15+50	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	19
STA. 27+50		TO STA. 33+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		83858

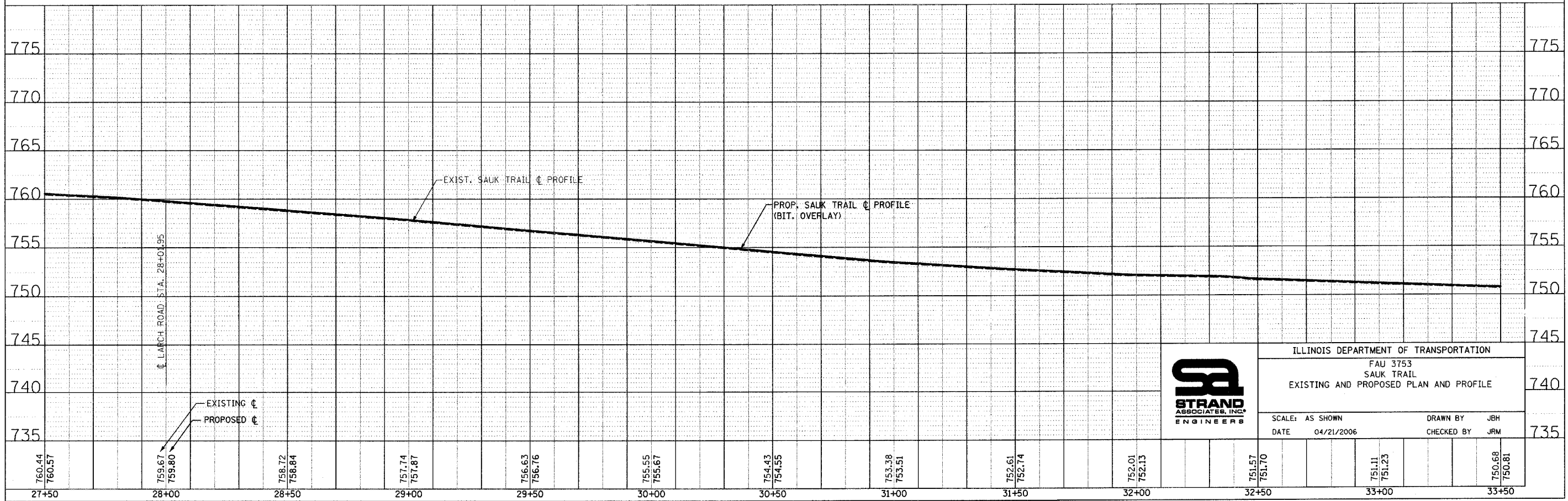


- NOTES:**
- EXISTING SPEED LIMIT SIGN (35 MPH) TO BE RELOCATED. CHANGE IN WESTBOUND POSTED SPEED LIMIT FROM 45 MPH TO 35 MPH.
 - EXISTING SPEED LIMIT SIGN (45 MPH) TO BE RELOCATED. CHANGE IN EASTBOUND POSTED SPEED LIMIT FROM 35 MPH TO 45 MPH.



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	DATE FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	DATE FILE NAME	
	NO.	



ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 EXISTING AND PROPOSED PLAN AND PROFILE

SCALE: AS SHOWN
 DATE: 04/21/2006

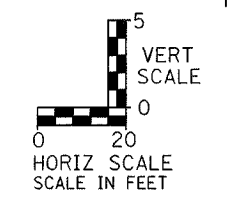
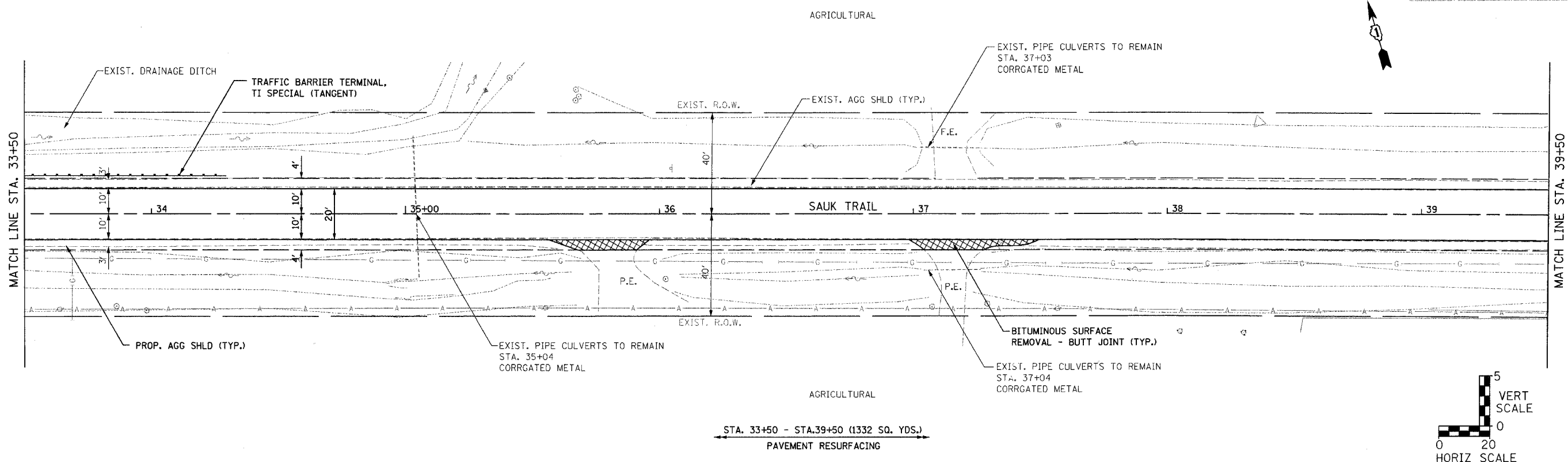
DRAWN BY: JBH
 CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	20
STA. 33+50		TO STA. 39+50		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

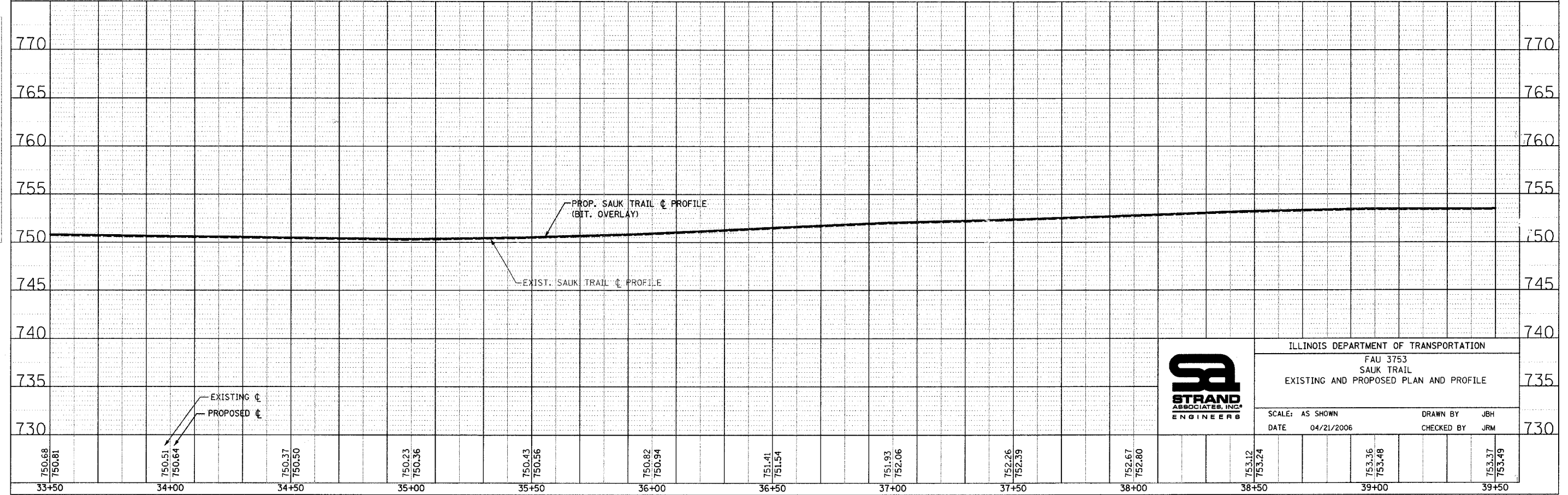
83858



PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	BY
NO.	CHECKED	
	FILED	



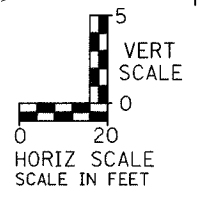
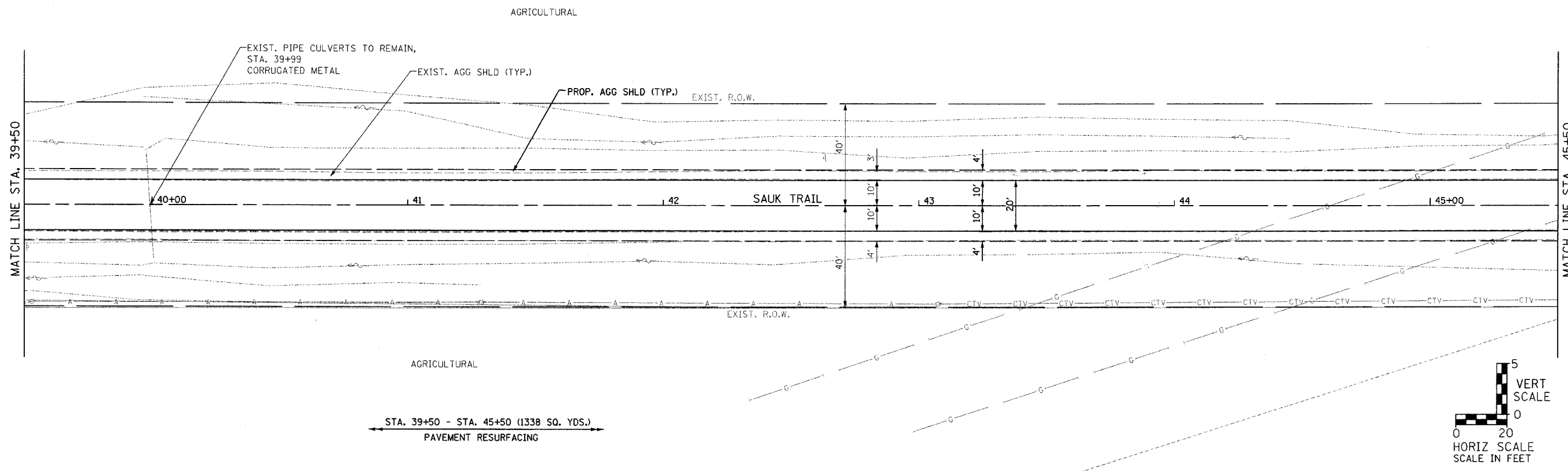
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES	BY
NO.	CHECKED	
	FILED	



ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 EXISTING AND PROPOSED PLAN AND PROFILE
 SCALE: AS SHOWN
 DATE: 04/21/2006
 DRAWN BY: JBH
 CHECKED BY: JRM

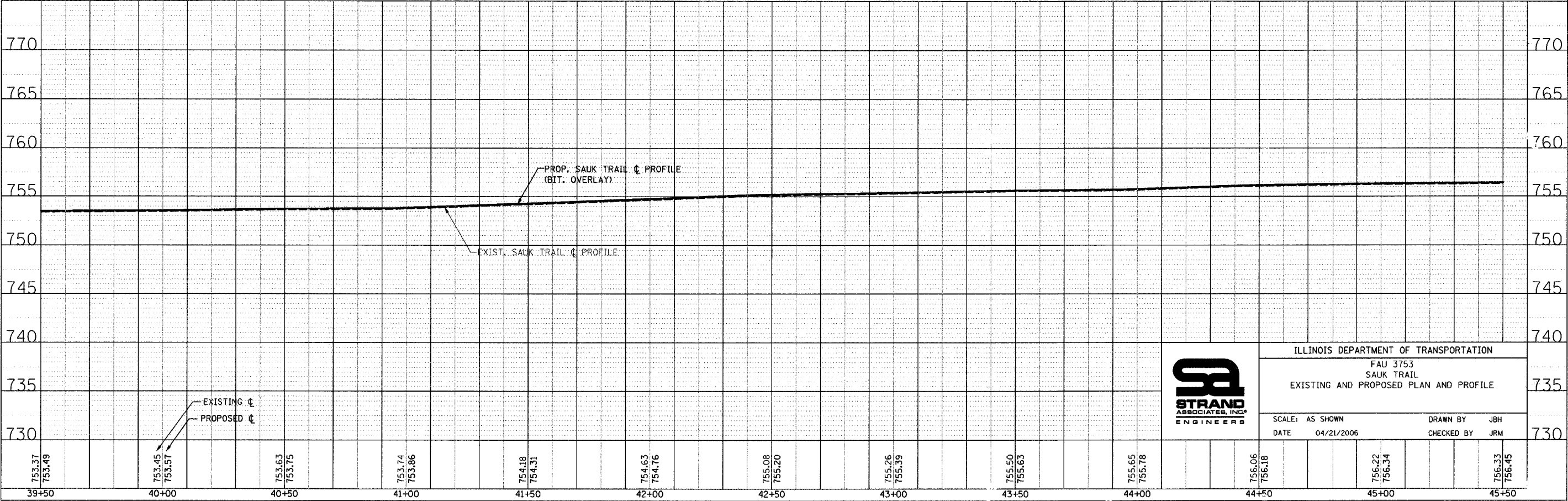
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	21
STA. 39+50		TO STA. 45+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

83858



PLAN	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	BY	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	BY	



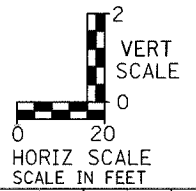
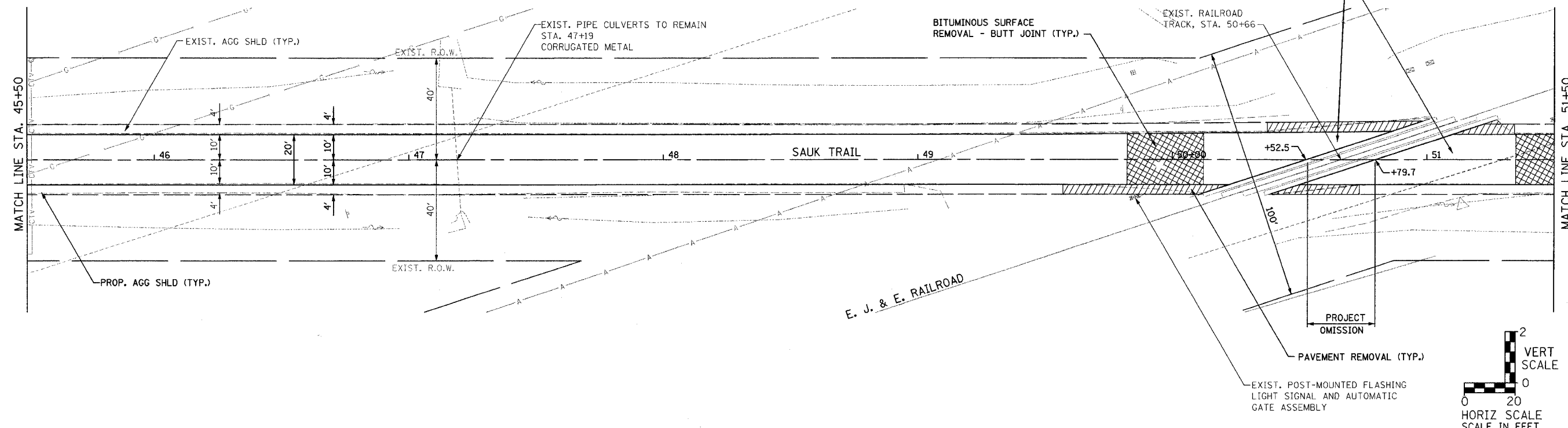
ILLINOIS DEPARTMENT OF TRANSPORTATION	
FAU 3753	
SAUK TRAIL	
EXISTING AND PROPOSED PLAN AND PROFILE	
SCALE: AS SHOWN	DRAWN BY JBH
DATE 04/21/2006	CHECKED BY JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	22
STA. 45+50 TO STA. 51+50		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		83858		

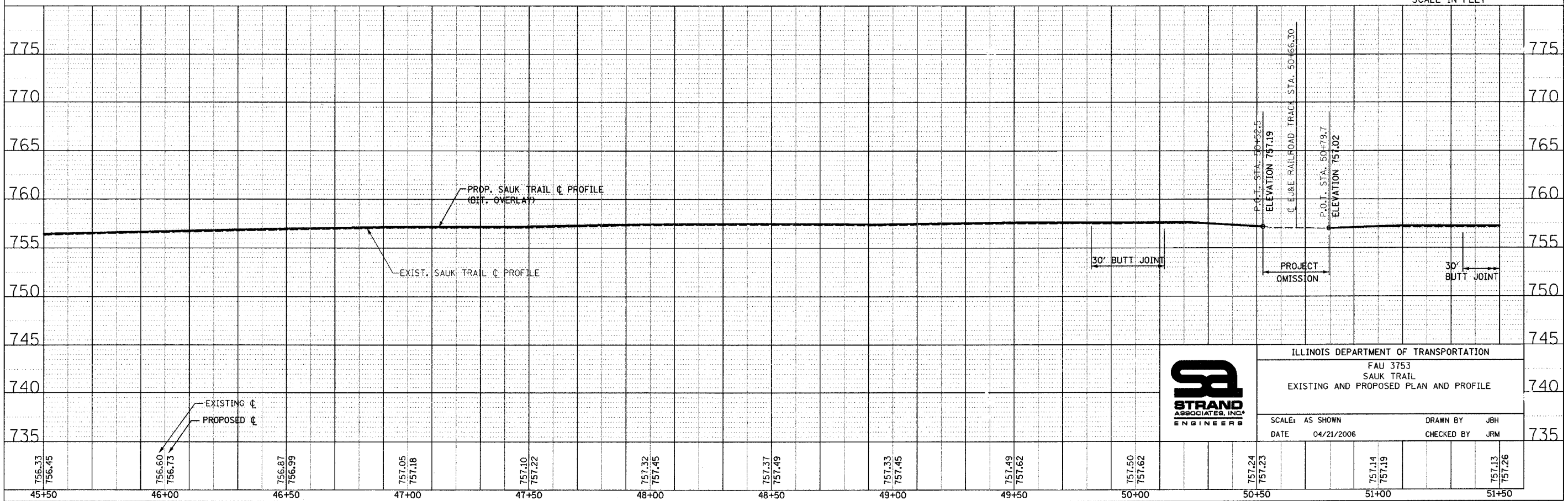
STA. 45+50 - STA. 51+50 (1274 SQ. YDS.)
PAVEMENT RESURFACING

BITUMINOUS SURFACE REMOVAL, 1/2"
(TO MATCH ELEVATION OF TRACKS
AND PROVIDE SMOOTH TRANSITION)

DATE	BY
PLAN	SURVEYED
	PROJ. ENG.
	CHECKED
	NO. OF WKS. CHECKED
	NOTE BOOK NO.
	CADD FILE NAME



DATE	BY
PROFILE	SURVEYED
	PROJ. ENG.
	CHECKED
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	NOTE BOOK NO.
	STRUCTURE NOTATIONS CHRD

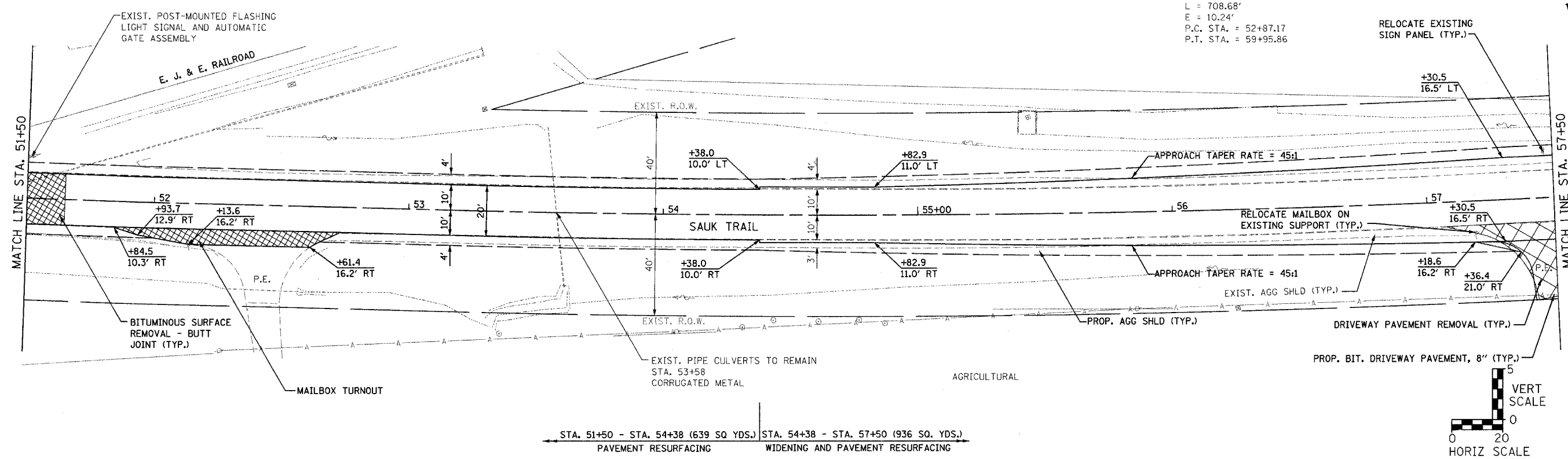


ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 3753
SAUK TRAIL
EXISTING AND PROPOSED PLAN AND PROFILE

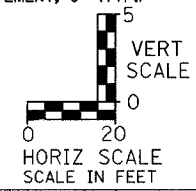
SCALE: AS SHOWN
DATE: 04/21/2006
DRAWN BY: JBH
CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	23
STA. 51+50		TO STA. 57+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EXIST. CURVE ST-STA-1
 PI STA. = 56+41.91
 $\Delta = 6^\circ 36' 51''$ (LT)
 $D = 0^\circ 56' 00''$
 $R = 6,138.89'$
 $T = 354.74'$
 $L = 708.68'$
 $E = 10.24'$
 P.C. STA. = 52+87.17
 P.T. STA. = 59+95.86

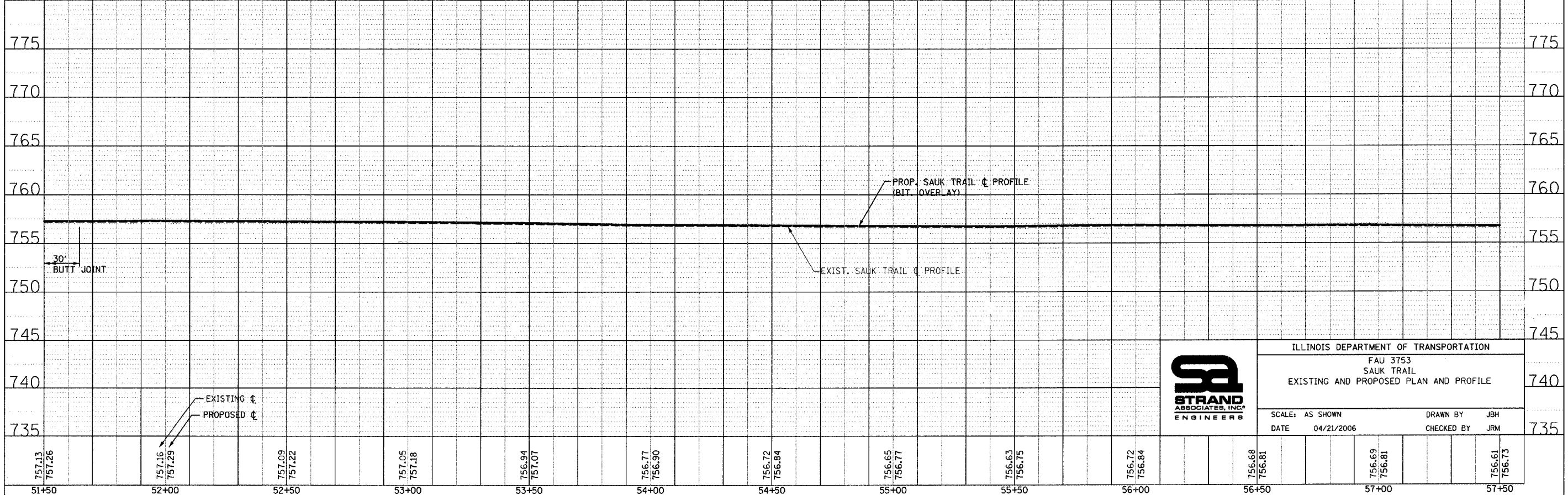


STA. 51+50 - STA. 54+38 (639 SQ YDS.) STA. 54+38 - STA. 57+50 (936 SQ. YDS.)
 PAVEMENT RESURFACING WIDENING AND PAVEMENT RESURFACING



PLAN	SURVEYED	DATE
	BY	
	PLotted	
	Checked	
	By	
	Way	
	Checked	
	Card	
	File	
	Name	

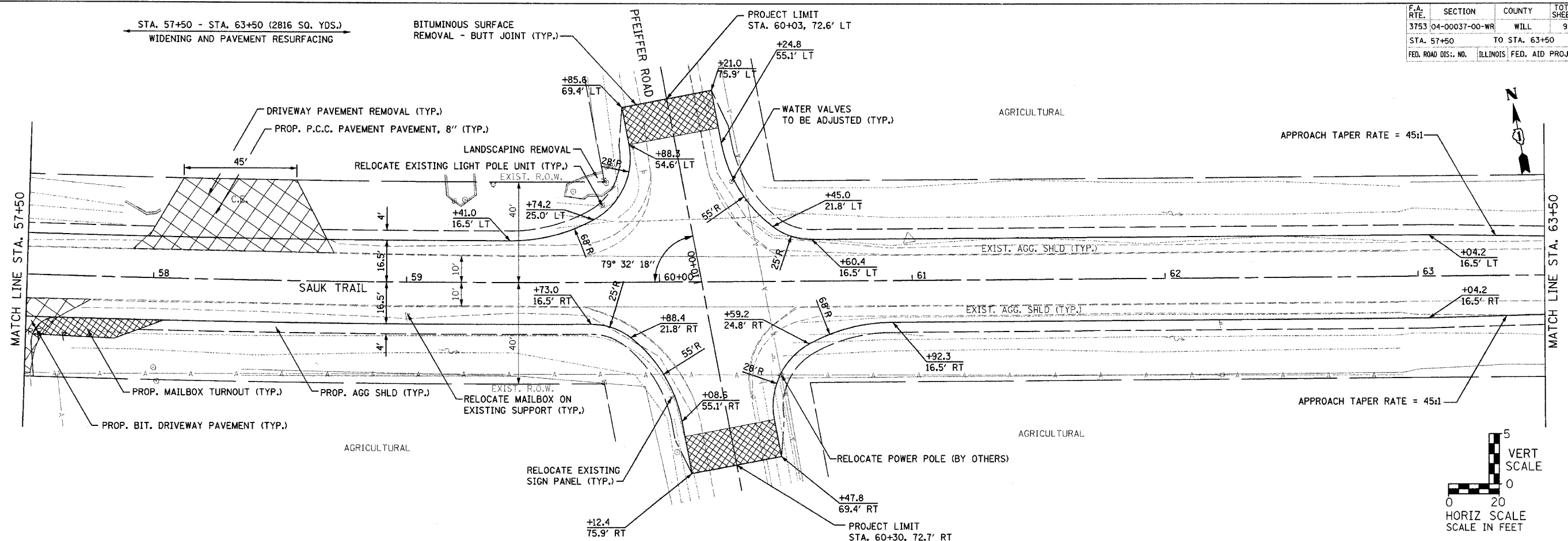
PROFILE	SURVEYED	DATE
	BY	
	Plotted	
	Checked	
	By	
	Structure	
	Notations	
	Chkd	



ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 EXISTING AND PROPOSED PLAN AND PROFILE

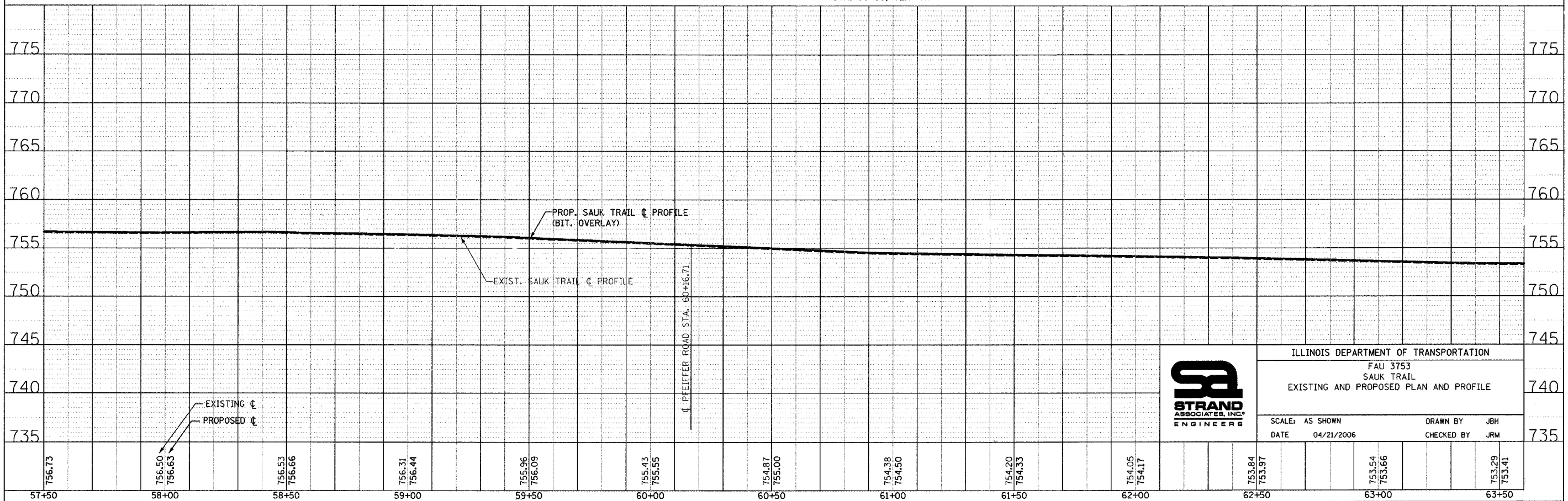
SCALE: AS SHOWN DRAWN BY: JBH
 DATE: 04/21/2006 CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	24
STA. 57+50 TO STA. 63+50		ILLINOIS FED. AID PROJECT		
83858				



PLAN	DATE
SURVEYED	BY
PLOTTED	CHECKED
NOTE BOOK	NO. OF WYS. CHECKED
NO.	DATE
	ADD FILE NAME

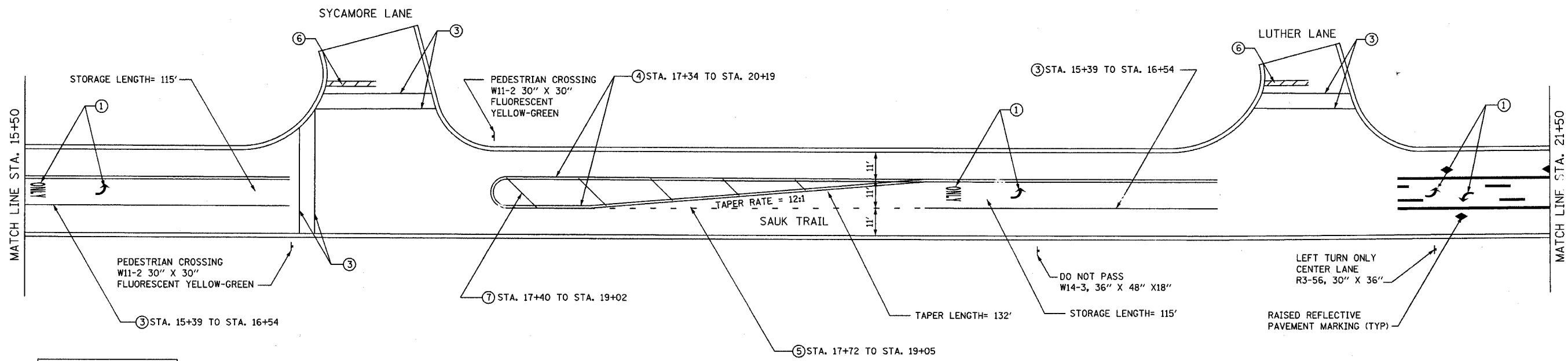
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SURVEYED	BY
PLOTTED	CHECKED
NOTE BOOK	NO. OF WYS. CHECKED
NO.	DATE
	STRUCTURE NOTATIONS CHRD



ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 EXISTING AND PROPOSED PLAN AND PROFILE
 SCALE: AS SHOWN
 DATE: 04/21/2006
 DRAWN BY: JBH
 CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	27
STA. 15+50		TO STA. 27+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

83858



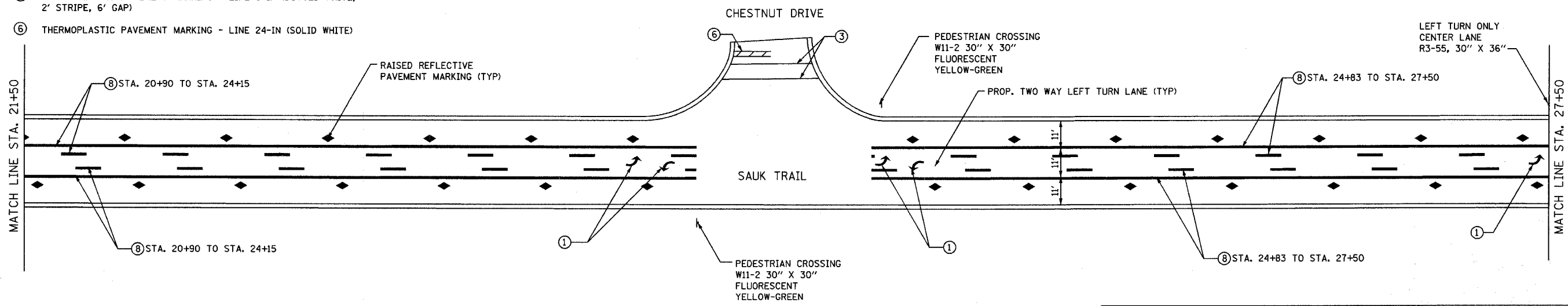
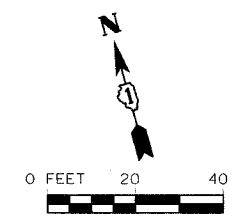
PAVEMENT MARKING LEGEND

ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE, 8")
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (SOLID WHITE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (2 SOLID YELLOW SPACED 11-IN C-C)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (DOTTED WHITE, 2' STRIPE, 6' GAP)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24-IN (SOLID WHITE)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID YELLOW AT 45°, 75' SPACE OR A MIN OF 5 EVENLY SPACED)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW, 10' DASH, 30' SPACE, AND SOLID YELLOW: 5 1/2-IN C-C BETWEEN SOLID AND SKIP DASH LINES)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 16-IN (SOLID WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE 6")

NOTES:

1. PAVEMENT MARKINGS ACCORDING TO DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL UNLESS OTHERWISE NOTED.
2. STOP BARS SHALL BE LOCATED FOUR FEET IN ADVANCE OF CROSSWALK UNLESS OTHERWISE NOTED.
3. PROPOSED CROSSWALK STRIPING SHALL BE CENTERED ON THE CURB DEPRESSIONS AT CORNERS, A MINIMUM OF SIX FEET APART, OR AS DIRECTED BY THE ENGINEER.
4. PAVEMENT MARKINGS AT SIDE STREETS SHALL MATCH EXISTING AT PROJECT LIMITS.



REVISIONS	
NAME	DATE

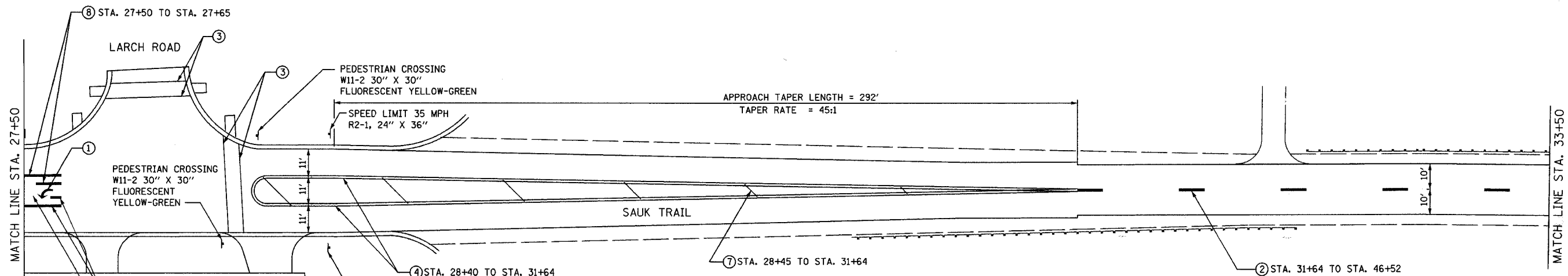
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 PROPOSED PAVEMENT MARKING PLAN
 AND SIGNING PLAN

SCALE: VERT. N.T.S.
 HORIZ. AS SHOWN
 DATE 04/21/2006

DRAWN BY JBH
 CHECKED BY JRM

TIME: 12:00 PM
 DATE: 04/21/06
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	28
STA. 27+50		TO STA. 39+50		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
83858				



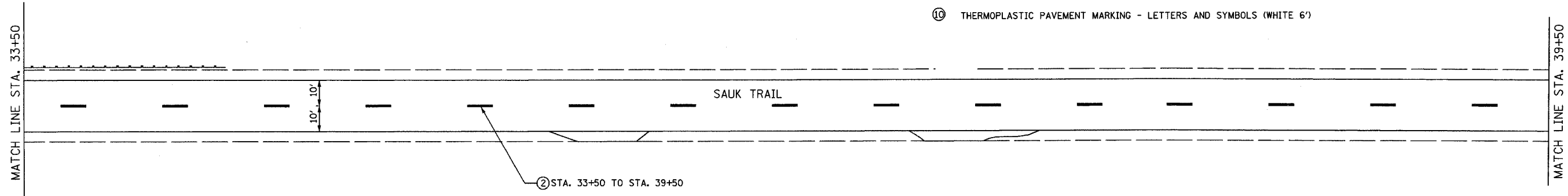
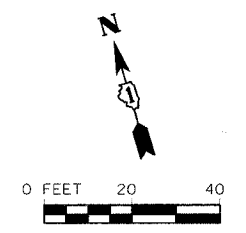
NOTES:

- PAVEMENT MARKINGS ACCORDING TO DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL UNLESS OTHERWISE NOTED.
- STOP BARS SHALL BE LOCATED FOUR FEET IN ADVANCE OF CROSSWALK UNLESS OTHERWISE NOTED.
- PROPOSED CROSSWALK STRIPING SHALL BE CENTERED ON THE CURB DEPRESSIONS AT CORNERS, A MINIMUM OF SIX FEET APART, OR AS DIRECTED BY THE ENGINEER.
- PAVEMENT MARKINGS AT SIDE STREETS SHALL MATCH EXISTING AT PROJECT LIMITS.

PAVEMENT MARKING LEGEND

ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

- THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE, 8")
- THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
- THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (SOLID WHITE)
- THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (2 SOLID YELLOW SPACED .1-IN C-C)
- THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (DOTTED WHITE, 2' STRIPE, 6' GAP)
- THERMOPLASTIC PAVEMENT MARKING - LINE 24-IN (SOLID WHITE)
- THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID YELLOW AT 45°, 75' SPACE OR A MIN OF 5 EVENLY SPACED)
- THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW, 10' DASH, 30' SPACE, AND SOLID YELLOW; 5 1/2-IN C-C BETWEEN SOLID AND SKIP DASH LINES)
- THERMOPLASTIC PAVEMENT MARKING - LINE 16-IN (SOLID WHITE)
- THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE 6")



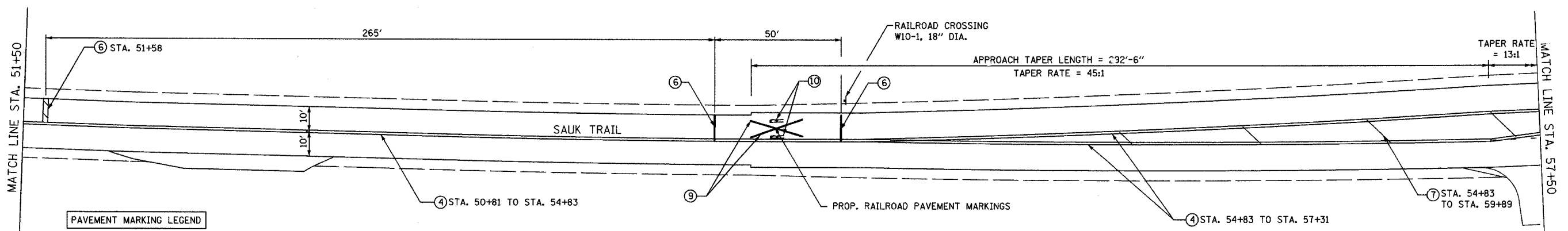
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DATE: 04/21/2006

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	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAU 3753 SAUK TRAIL PROPOSED PAVEMENT MARKING PLAN AND SIGNING PLAN
	NAME	DATE	
SCALE: VERT. N.T.S.		DRAWN BY: JBH	
DATE: 04/21/2006		CHECKED BY: JRM	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	30
STA. 51+50		TO STA. 63+50		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	83858			



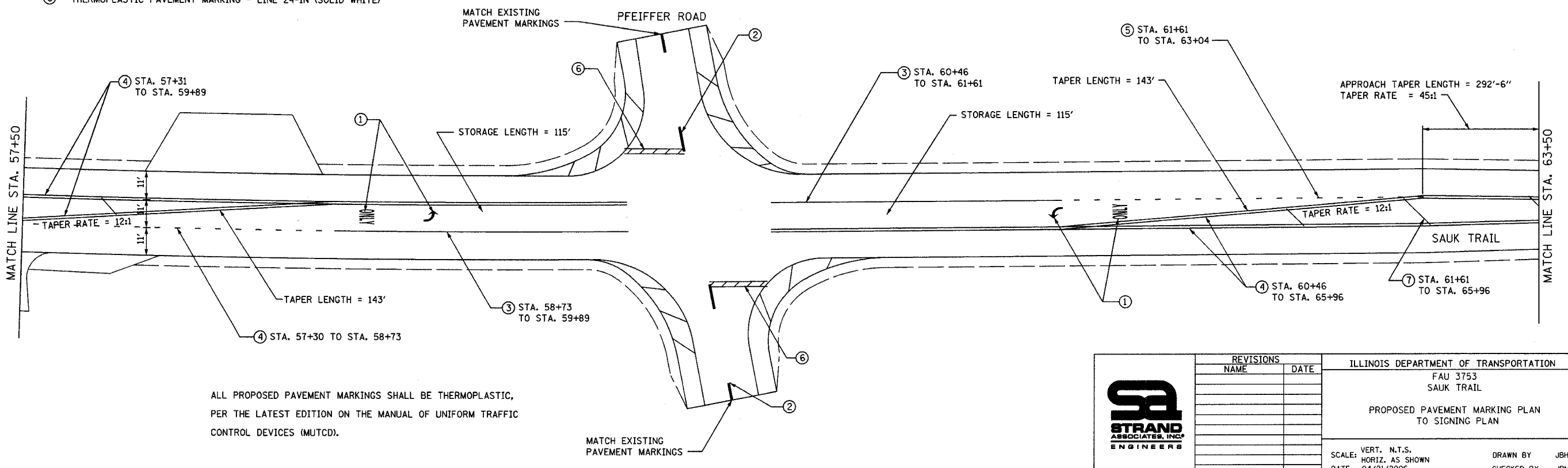
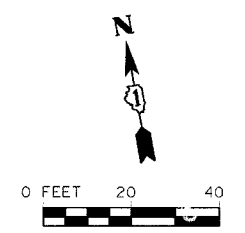
PAVEMENT MARKING LEGEND

- ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE, 8")
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (SOLID WHITE)
 - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (2 SOLID YELLOW SPACED 11-IN C-C)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (DOTTED WHITE, 2' STRIPE, 6' GAP)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24-IN (SOLID WHITE)

- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID YELLOW AT 45', 75' SPACE OR A MIN OF 5 EVENLY SPACED)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW, 10' DASH, 30' SPACE, AND SOLID YELLOW: 5 1/2-IN C-C BETWEEN SOLID AND SKIP DASH LINES)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 16-IN (SOLID WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE 6")

NOTES:

1. PAVEMENT MARKINGS ACCORDING TO DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL UNLESS OTHERWISE NOTED.
2. STOP BARS SHALL BE LOCATED FOUR FEET IN ADVANCE OF CROSSWALK UNLESS OTHERWISE NOTED.
3. PROPOSED CROSSWALK STRIPING SHALL BE CENTERED ON THE CURB DEPRESSIONS AT CORNERS, A MINIMUM OF SIX FEET APART, OR AS DIRECTED BY THE ENGINEER.
4. PAVEMENT MARKINGS AT SIDE STREETS SHALL MATCH EXISTING AT PROJECT LIMITS.



ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).



REVISIONS	
NAME	DATE

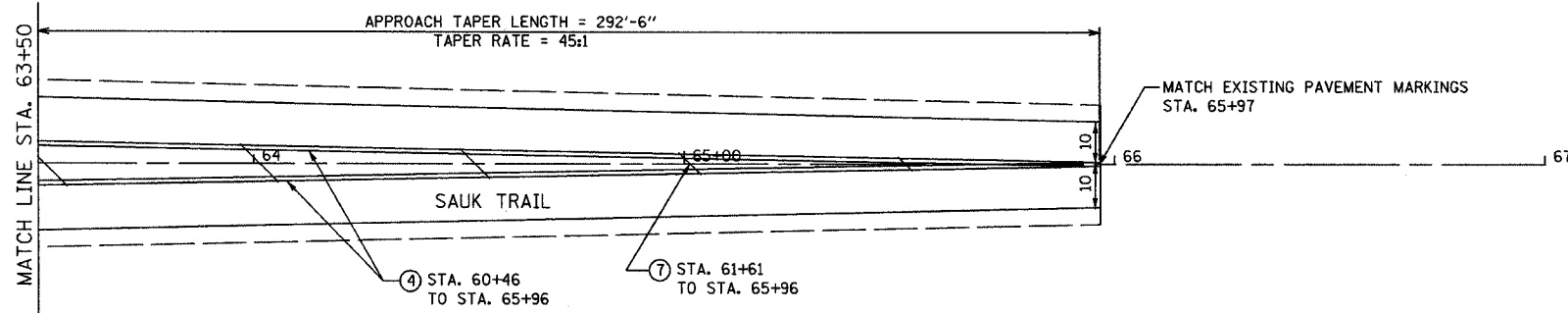
ILLINOIS DEPARTMENT OF TRANSPORTATION	
FAU 3753	
SAUK TRAIL	
PROPOSED PAVEMENT MARKING PLAN TO SIGNING PLAN	
VERT. N.T.S.	DRAWN BY JBH
SCALE: HORIZ. AS SHOWN	CHECKED BY JRM
DATE 04/21/2006	

TIME: 02:41:20 PM

DATE: 04/27/06

FILENAME: s:\09\04\405\0405\0405\pavement\signing\plan.dwg

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	31
STA. 63+50		TO STA. 65+96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
83858				



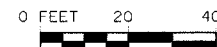
PAVEMENT MARKING LEGEND

ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE, 8")
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (SOLID WHITE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (2 SOLID YELLOW SPACED 11-IN C-C)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (DOTTED WHITE, 2' STRIPE, 6' GAP)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24-IN (SOLID WHITE)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID YELLOW AT 45°, 75' SPACE OR A MIN OF 5 EVENLY SPACED)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW, 10' DASH, 30' SPACE, AND SOLID YELLOW; 5 1/2-IN C-C BETWEEN SOLID AND SKIP DASH LINES)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 16-IN (SOLID WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE 6')

NOTES:

- 1. PAVEMENT MARKINGS ACCORDING TO DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL UNLESS OTHERWISE NOTED.
- 2. STOP BARS SHALL BE LOCATED FOUR FEET IN ADVANCE OF CROSSWALK UNLESS OTHERWISE NOTED.
- 3. PROPOSED CROSSWALK STRIPING SHALL BE CENTERED ON THE CURB DEPRESSIONS AT CORNERS, A MINIMUM OF SIX FEET APART, OR AS DIRECTED BY THE ENGINEER.
- 4. PAVEMENT MARKINGS AT SIDE STREETS SHALL MATCH EXISTING AT PROJECT LIMITS.



STRAND ASSOCIATES, INC. ENGINEERS	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
	NAME	DATE	FAU 3753 SAUK TRAIL	
			PROPOSED PAVEMENT MARKING PLAN AND SIGNING PLAN	
			SCALE: VERT. N.T.S. HORIZ. AS SHOWN	DRAWN BY JBH
			DATE 04/21/2006	CHECKED BY JRM

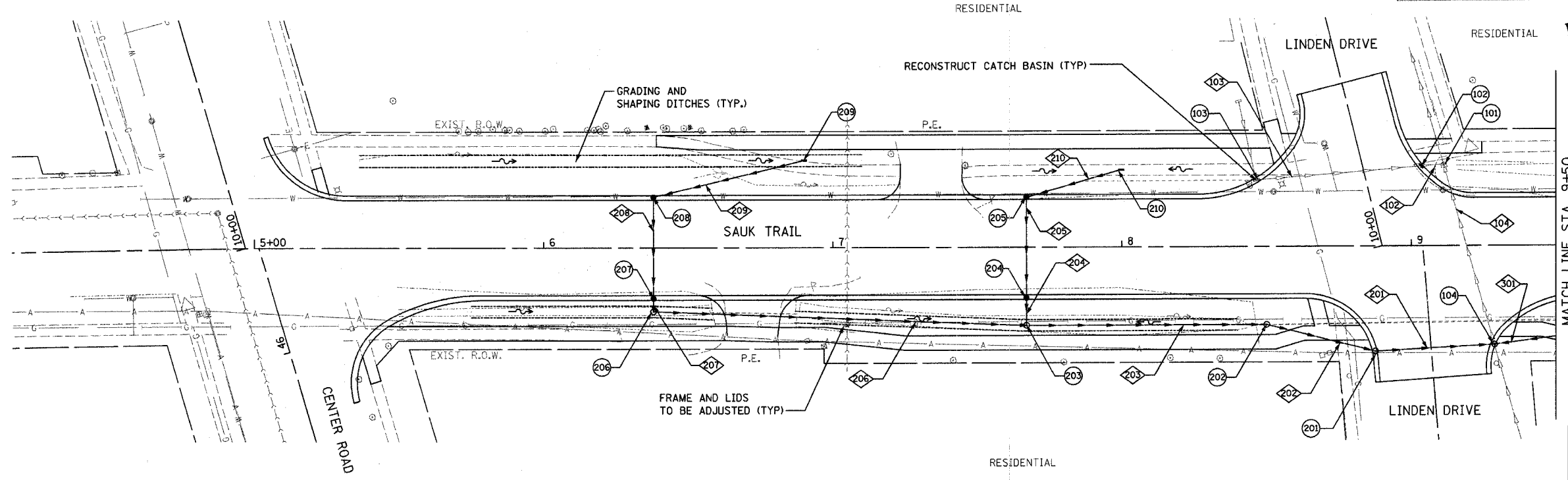
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DATE: 04/22/06

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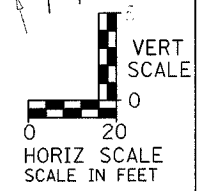
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	32
STA. 5+00		TO STA. 9+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

83858



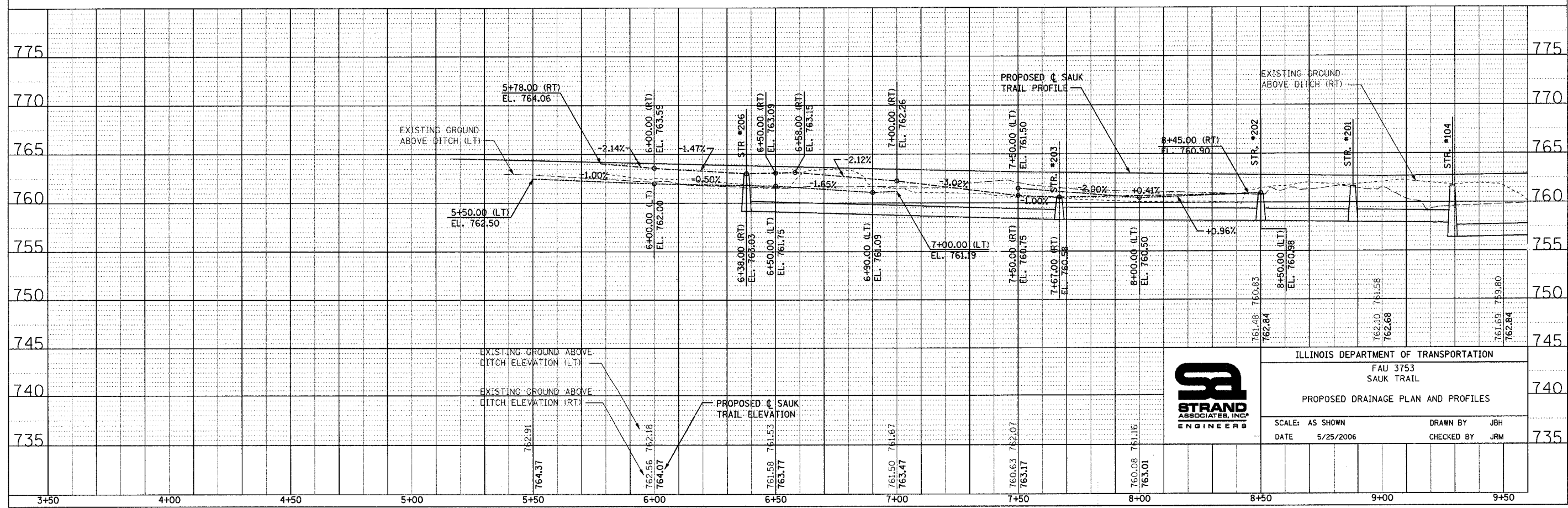
- ⊕ STRUCTURE NUMBER
- ⊠ PIPE NUMBER

NOTE:
1. SEE SHEET 10 FOR DRAINAGE SCHEDULE



PLAN	REVISIONS	DATE
NOTE BOOK NO.	BY	
NO.	DATE	

PROFILE	REVISIONS	DATE
NOTE BOOK NO.	BY	
NO.	DATE	

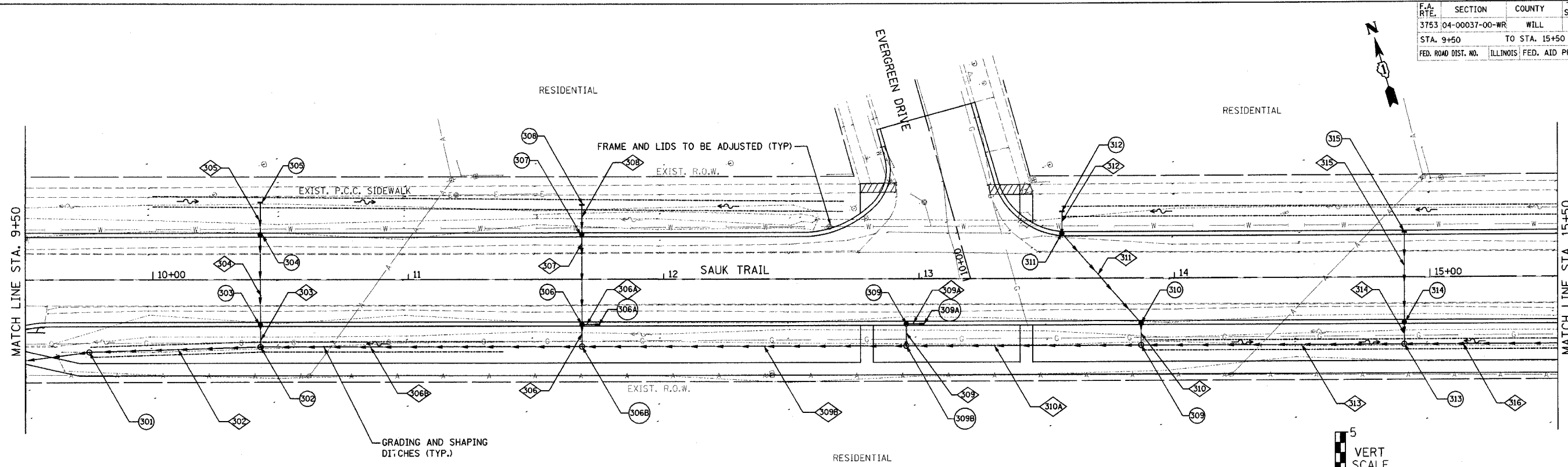


ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 3753
SAUK TRAIL
PROPOSED DRAINAGE PLAN AND PROFILES
SCALE: AS SHOWN
DATE: 5/25/2006
DRAWN BY: JBH
CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	33
STA. 9+50		TO STA. 15+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJ. T		

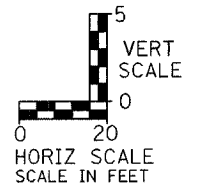
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PLAN	DATE
BY	
CHECKED	
NO.	

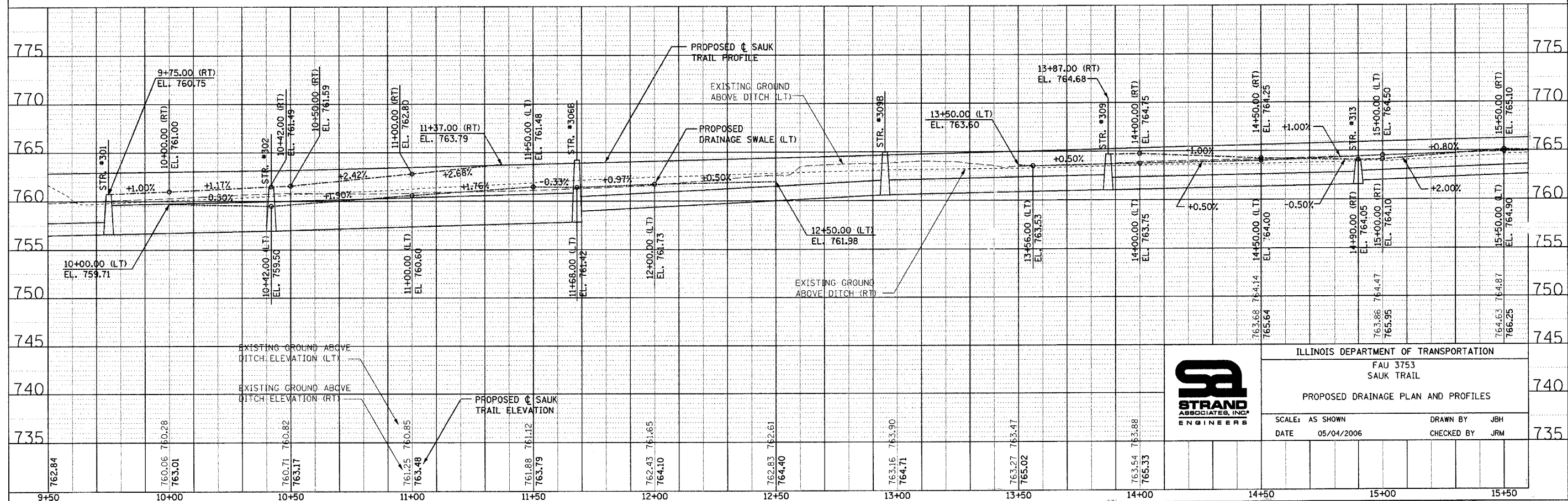


- ⊕ STRUCTURE NUMBER
- ⊕ PIPE NUMBER

NOTE:
1. SEE SHEET 9 FOR DRAINAGE SCHEDULE

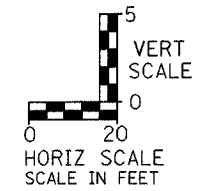
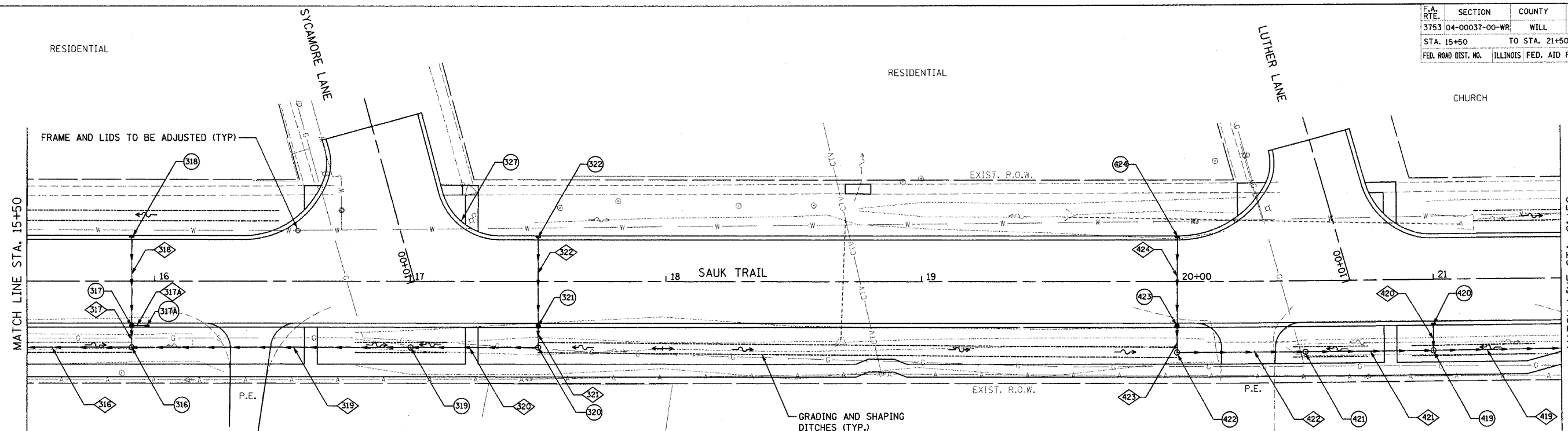


PROFILE	DATE
BY	
CHECKED	
NO.	



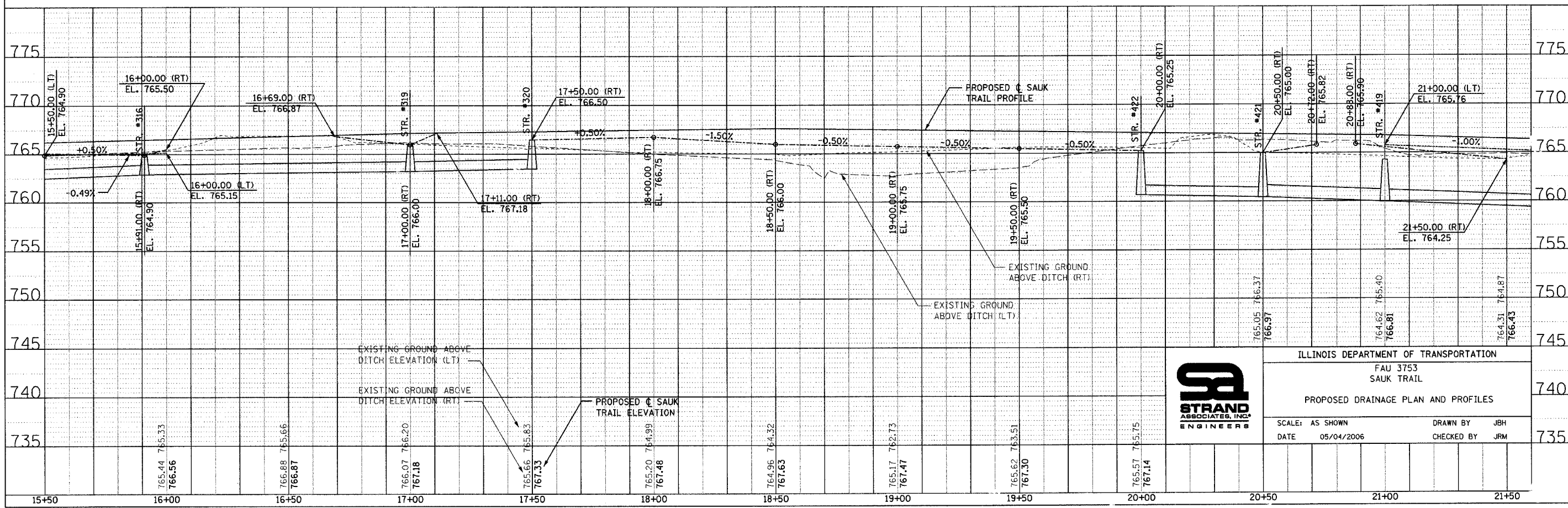
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 3753
SAUK TRAIL
PROPOSED DRAINAGE PLAN AND PROFILES
SCALE: AS SHOWN
DATE: 05/04/2006
DRAWN BY: JBH
CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	34
STA. 15+50		TO STA. 21+50		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		83858	



- ⊕ STRUCTURE NUMBER
- ⊠ PIPE NUMBER

NOTE:
1. SEE SHEET 9 FOR DRAINAGE SCHEDULE



ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 3753
SAUK TRAIL
PROPOSED DRAINAGE PLAN AND PROFILES
SCALE: AS SHOWN
DATE: 05/04/2006
DRAWN BY: JBH
CHECKED BY: JRM

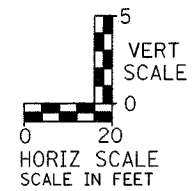
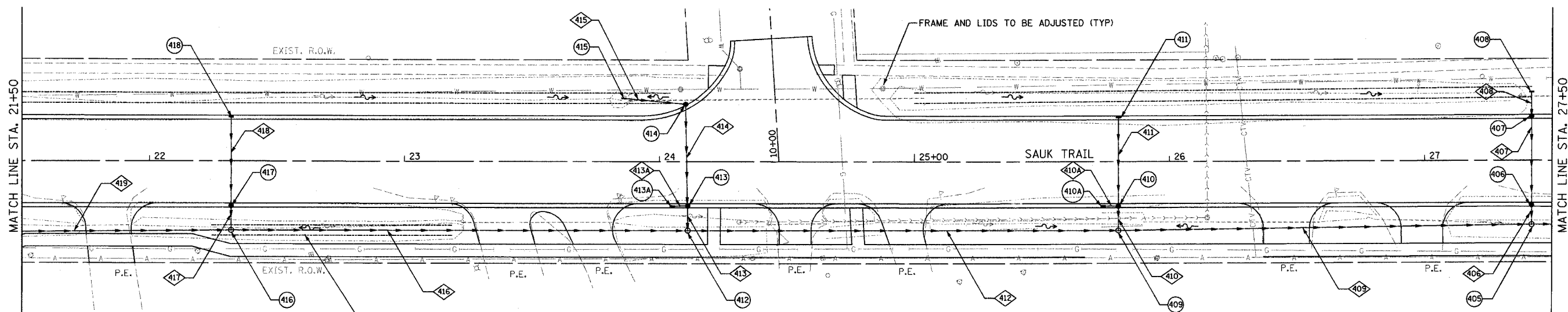
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DATE		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DATE		

CHESTNUT DRIVE

FAU R/YE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	35
STA. 21+50		TO STA. 27+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

83858

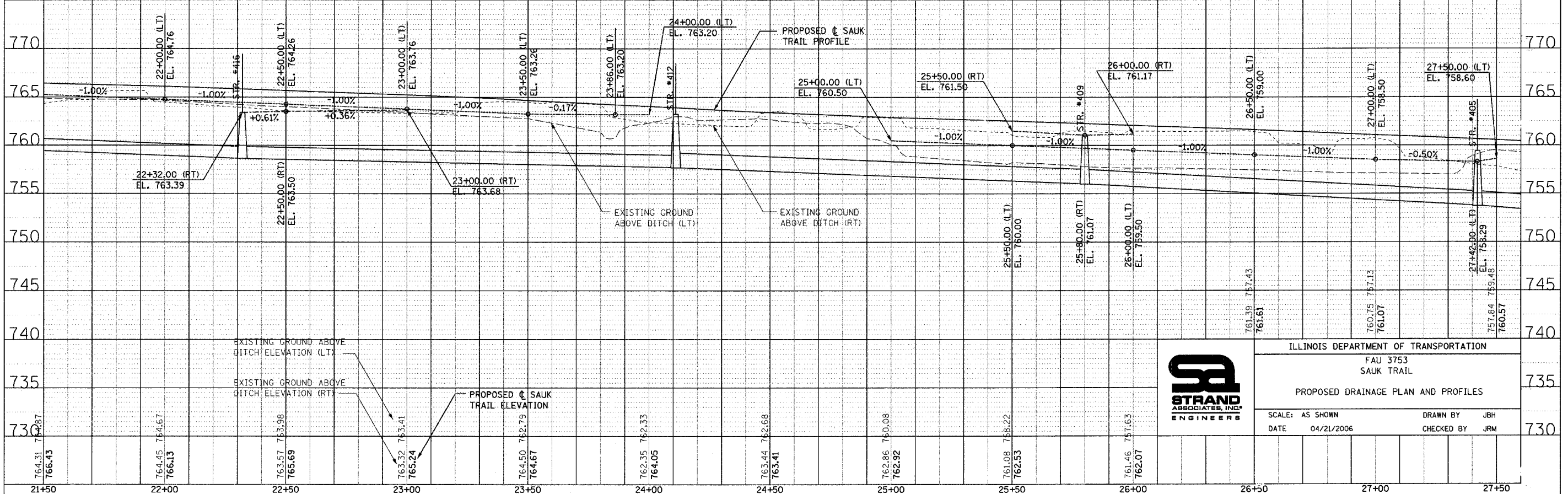


- ⊕ STRUCTURE NUMBER
- ⊠ PIPE NUMBER

NOTE:

1. SEE SHEET 9 FOR DRAINAGE SCHEDULE

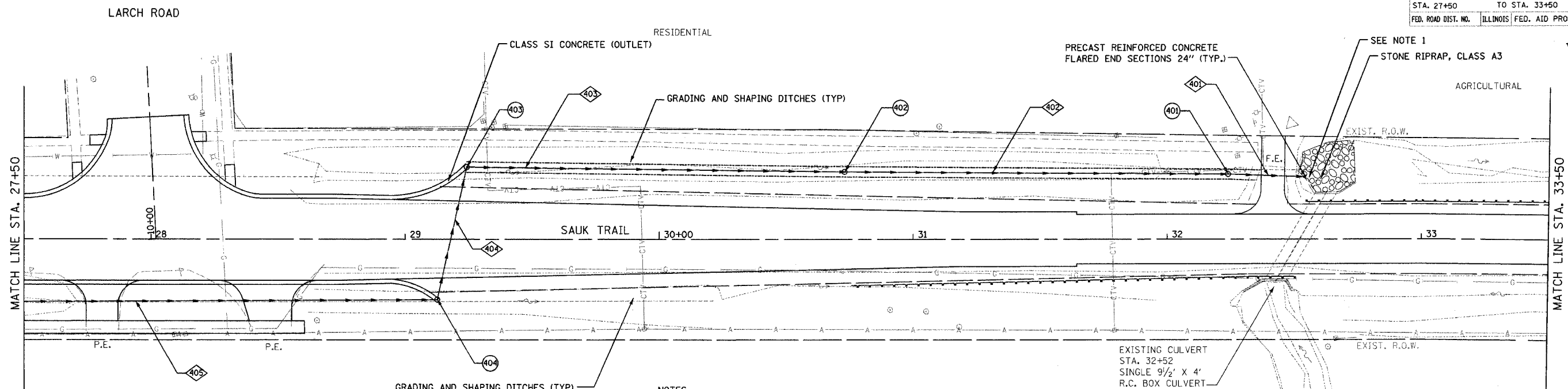
DATE	BY
DATE	BY



ILLINOIS DEPARTMENT OF TRANSPORTATION	
FAU 3753	
SAUK TRAIL	
PROPOSED DRAINAGE PLAN AND PROFILES	
SCALE: AS SHOWN	DRAWN BY: JBH
DATE: 04/21/2006	CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	36
STA. 27+50		TO STA. 33+50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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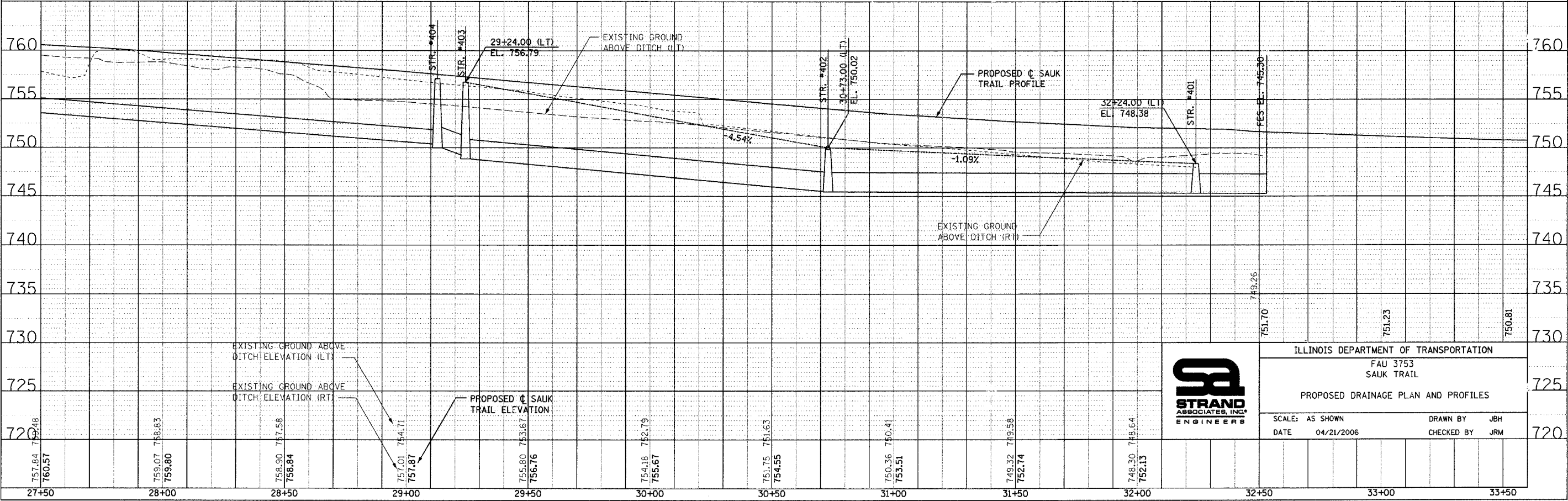
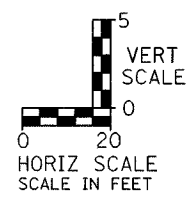
PLAN
 SURVEYED BY: _____ DATE: _____
 NOTE BOOK NO. _____
 CHECKED BY: _____
 DATE: _____
 CAD FILE NAME: _____

PROFILE
 SURVEYED BY: _____ DATE: _____
 GRADES CHECKED BY: _____
 STRUCTURE NOTATIONS CHECKED BY: _____
 NOTE BOOK NO. _____

⊕ STRUCTURE NUMBER
 ⊕ PIPE NUMBER

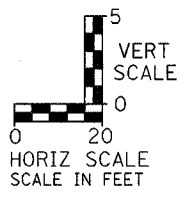
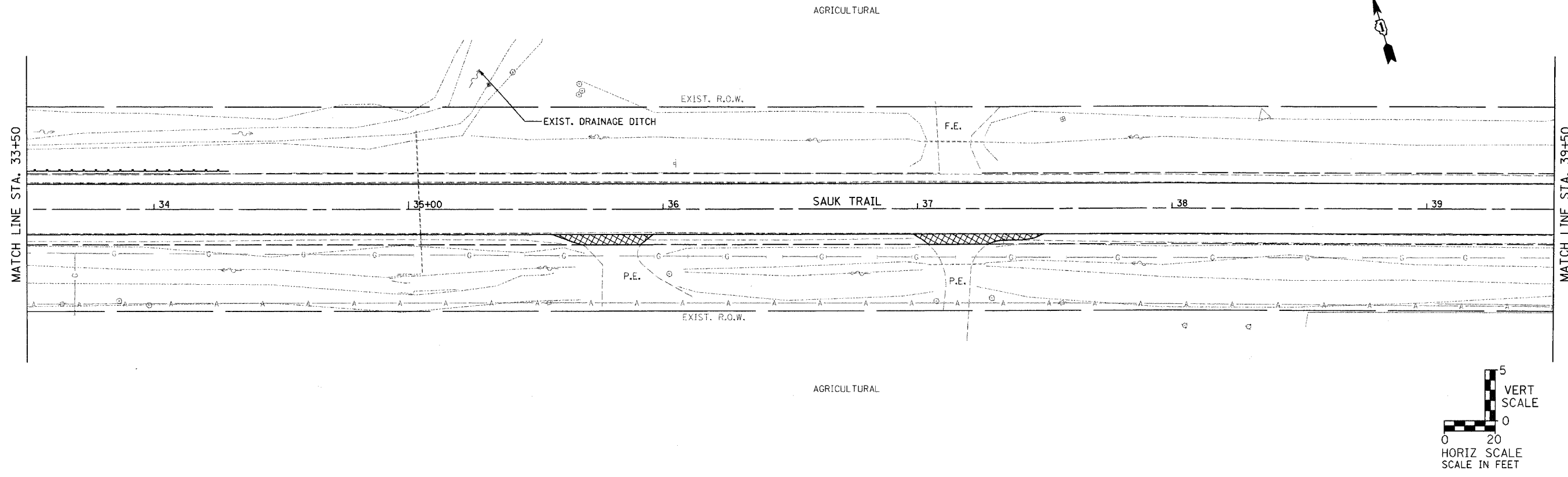
NOTES:

1. THE PROPOSED STORM SEWER SHALL OUTFALL ADJACENT TO THE CONCRETE WINGWALL OF THE EXISTING R.C. BOX CULVERT. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE CONCRETE WINGWALL OF THE BOX CULVERT.
2. SEE SHEET 9 FOR DRAINAGE SCHEDULE



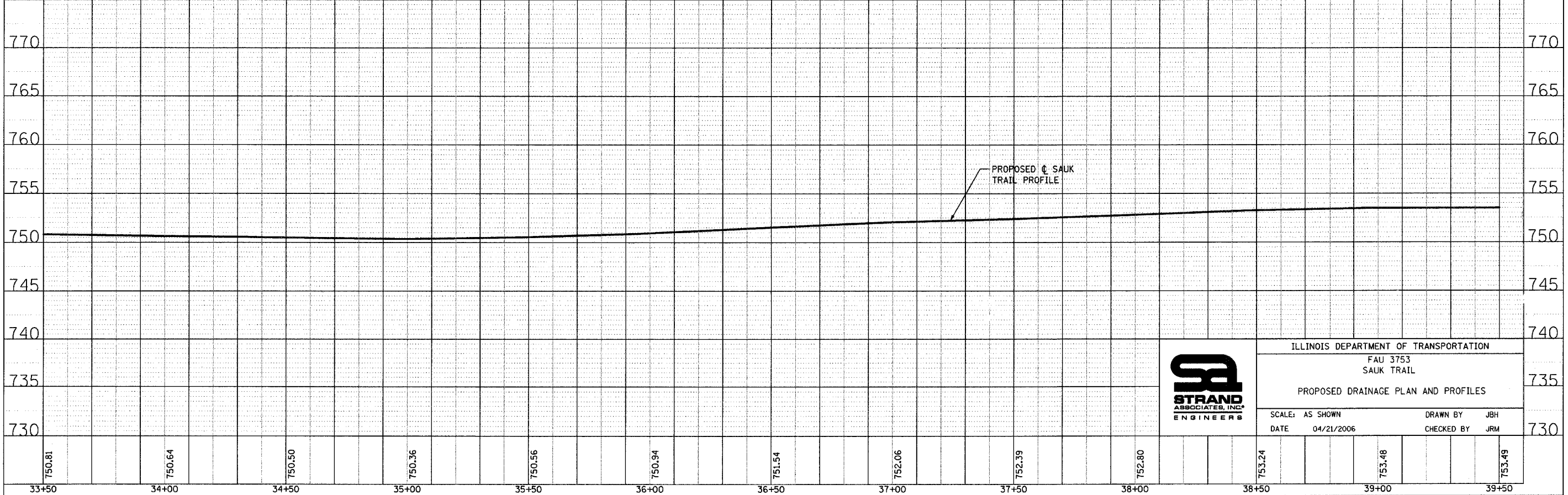
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 PROPOSED DRAINAGE PLAN AND PROFILES
 SCALE: AS SHOWN
 DATE: 04/21/2006
 DRAWN BY: JBH
 CHECKED BY: JRM

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	37
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		83858	



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
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	NO. OF WAY CHECKED	
	CAID FILE NAME	

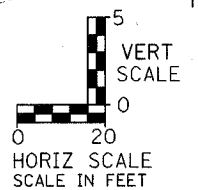
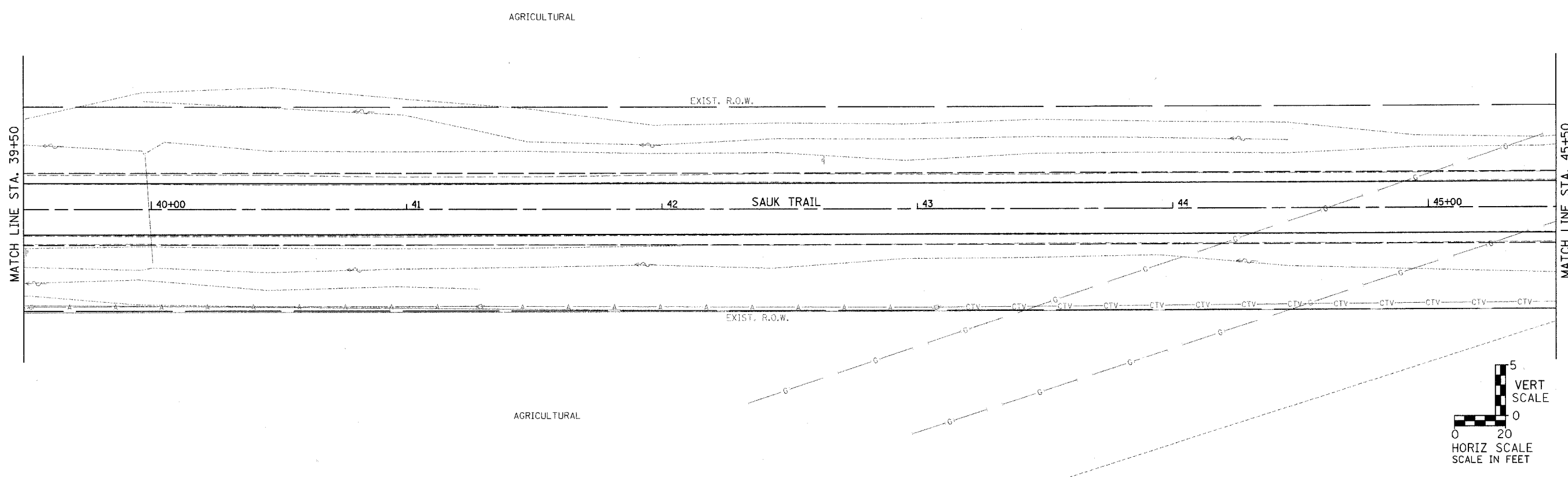
PROFILE	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHAD	



ILLINOIS DEPARTMENT OF TRANSPORTATION	
FAU 3753 SAUK TRAIL	
PROPOSED DRAINAGE PLAN AND PROFILES	
SCALE: AS SHOWN	DRAWN BY JBH
DATE 04/21/2006	CHECKED BY JRM

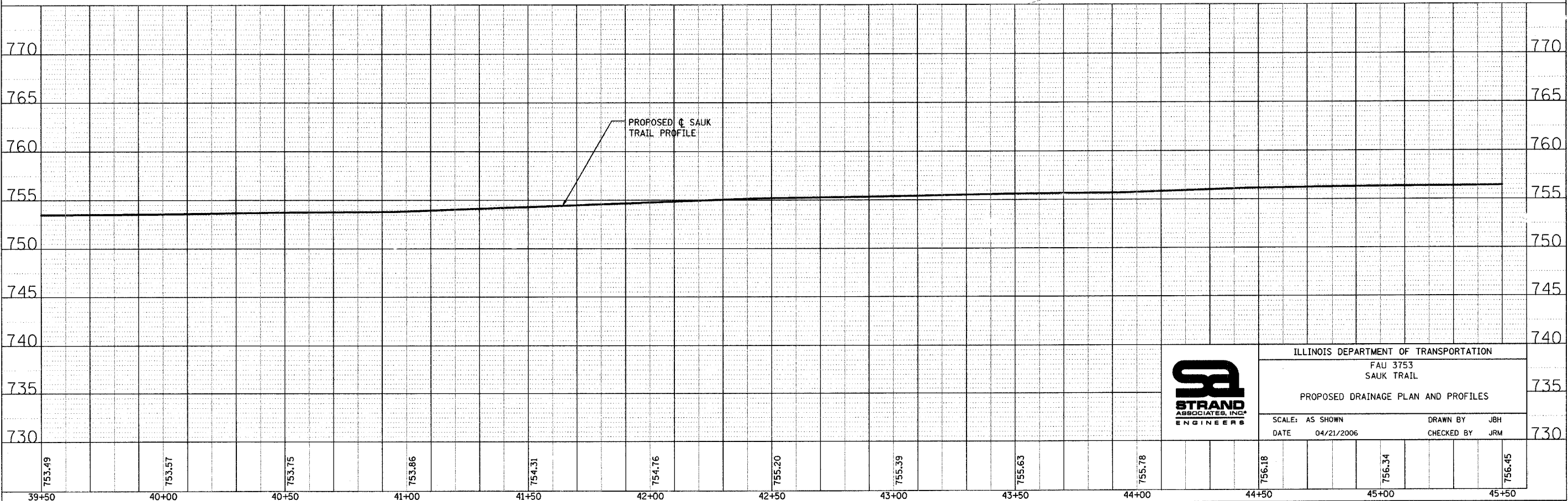
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3753	04-00037-00-WR	WILL	92	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

83858



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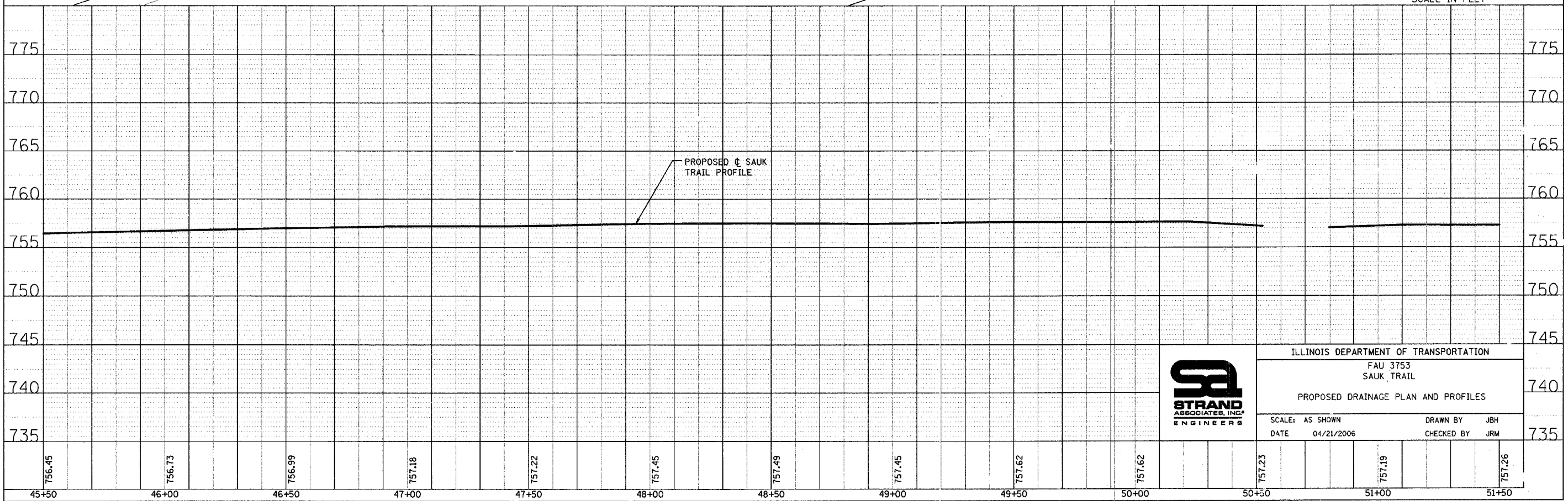
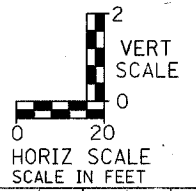
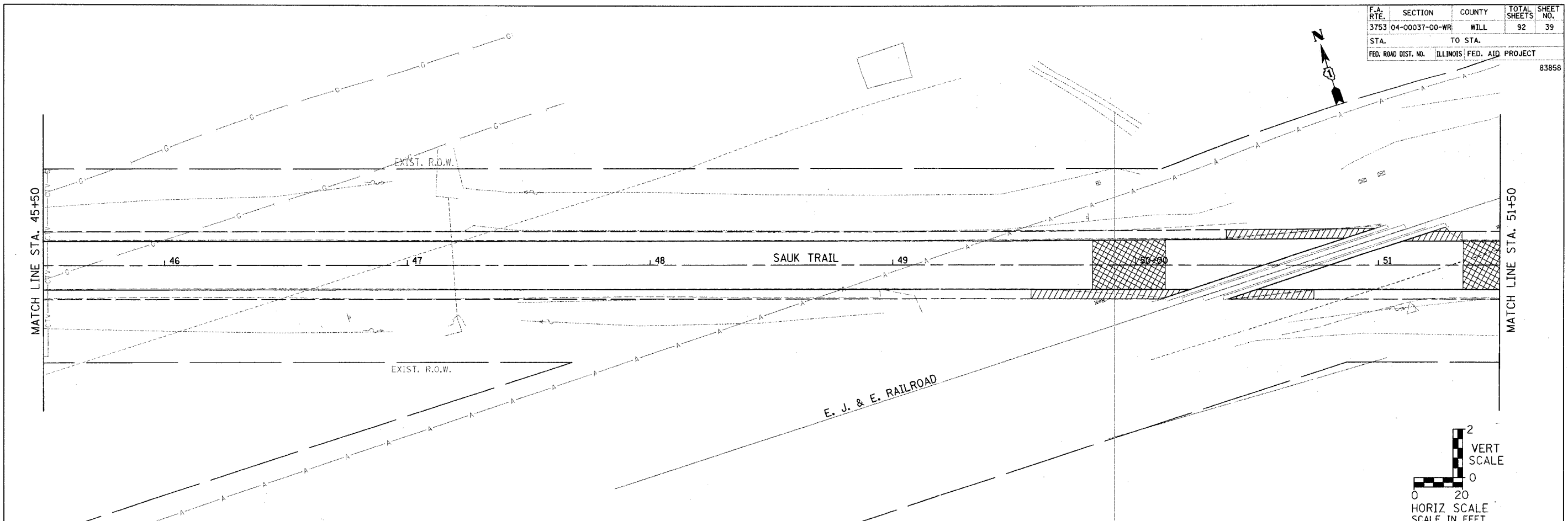
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 PROPOSED DRAINAGE PLAN AND PROFILES
 SCALE: AS SHOWN
 DATE: 04/21/2006
 DRAWN BY: JBH
 CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	39
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		83858		



PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	REVISIONS	
CAD FILE NAME		

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	REVISIONS	
STRUCTURE NOTATIONS		



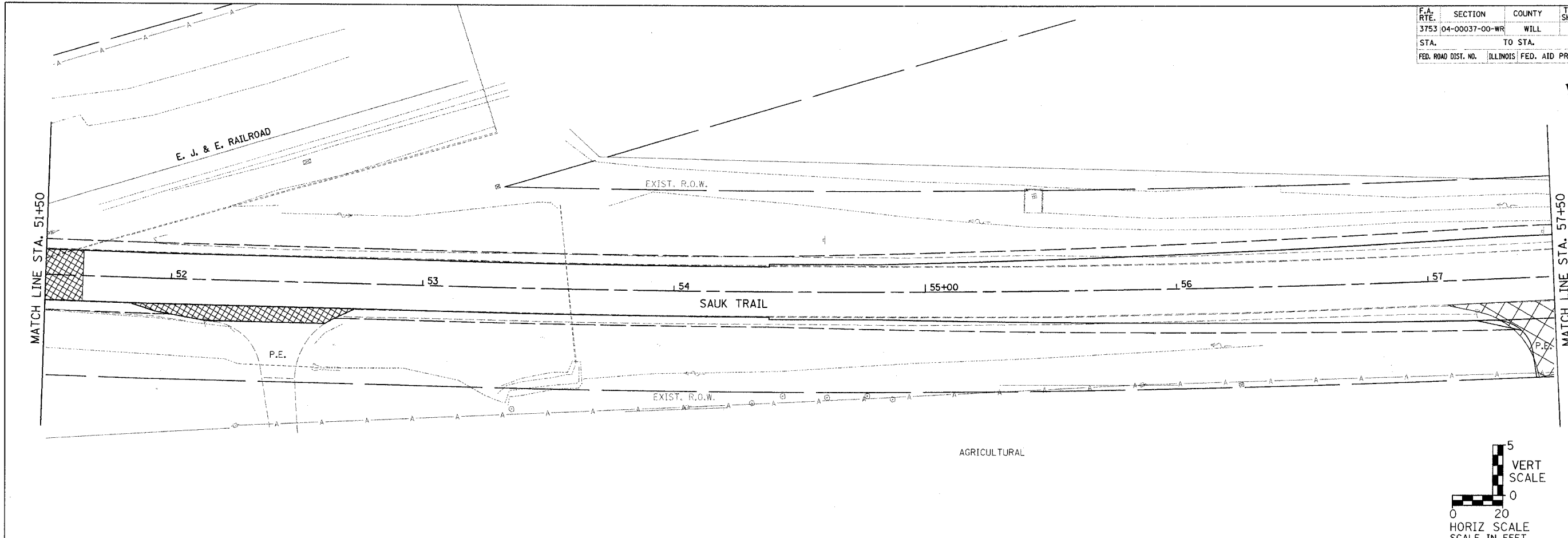
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 PROPOSED DRAINAGE PLAN AND PROFILES
 SCALE: AS SHOWN
 DATE: 04/21/2006
 DRAWN BY: JBH
 CHECKED BY: JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	40
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJEC.			

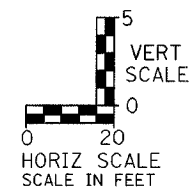
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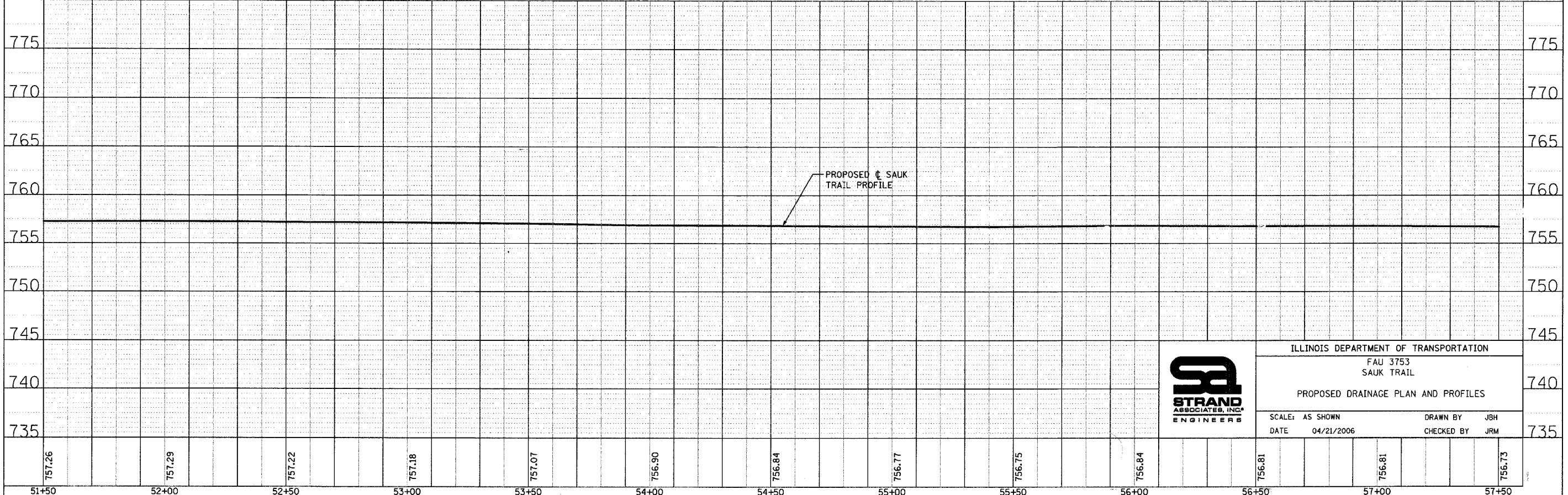
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	BY	
	NOTED	
	REVISIONS	
	NO.	



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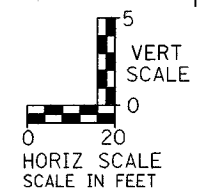
PROFILE	SURVEYED	DATE
	BY	
	NOTED	
	REVISIONS	
	NO.	



ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 PROPOSED DRAINAGE PLAN AND PROFILES
 SCALE: AS SHOWN
 DATE: 04/21/2006
 DRAWN BY: JBH
 CHECKED BY: JRM

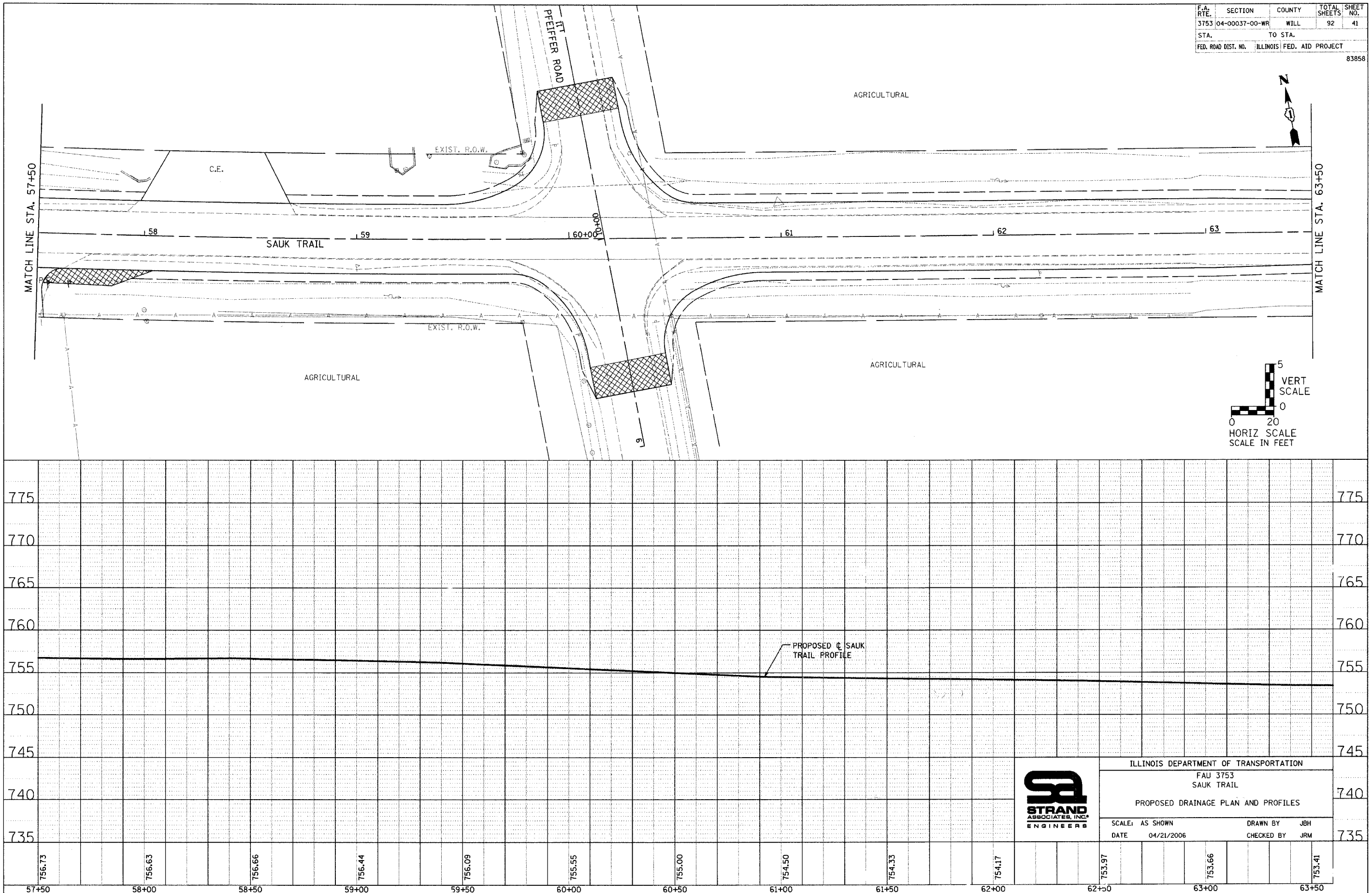
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757.26	757.29	757.22	757.18	757.07	756.90	756.84	756.77	756.75	756.84	756.81	756.81	756.73

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	41
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
			83858	



PLAN	SURVEYED	DATE
	PLOTTED	
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	NO.	

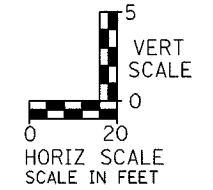
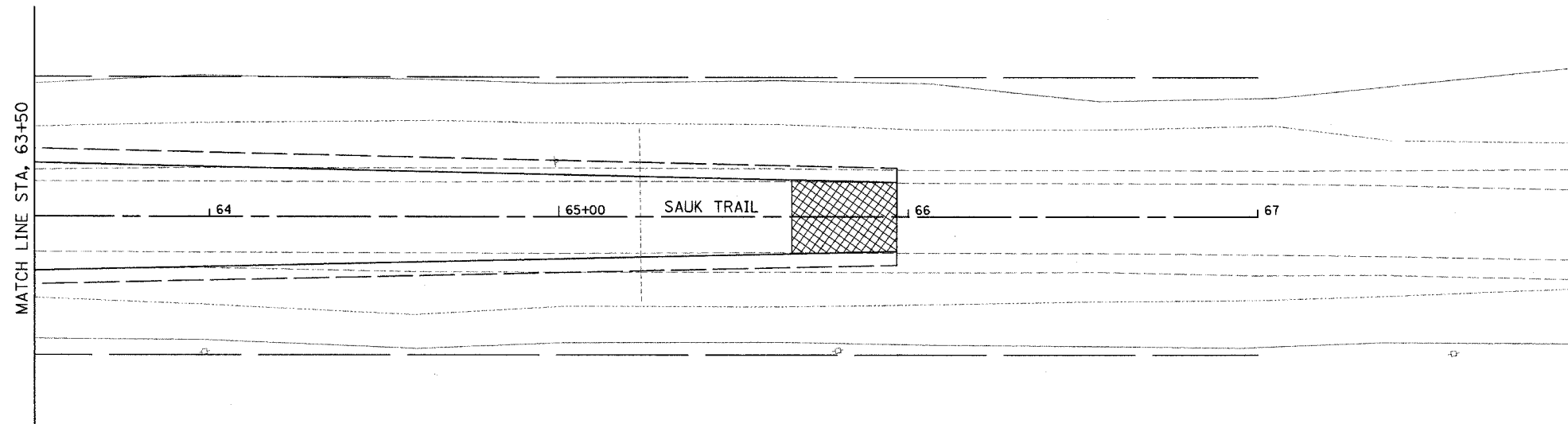
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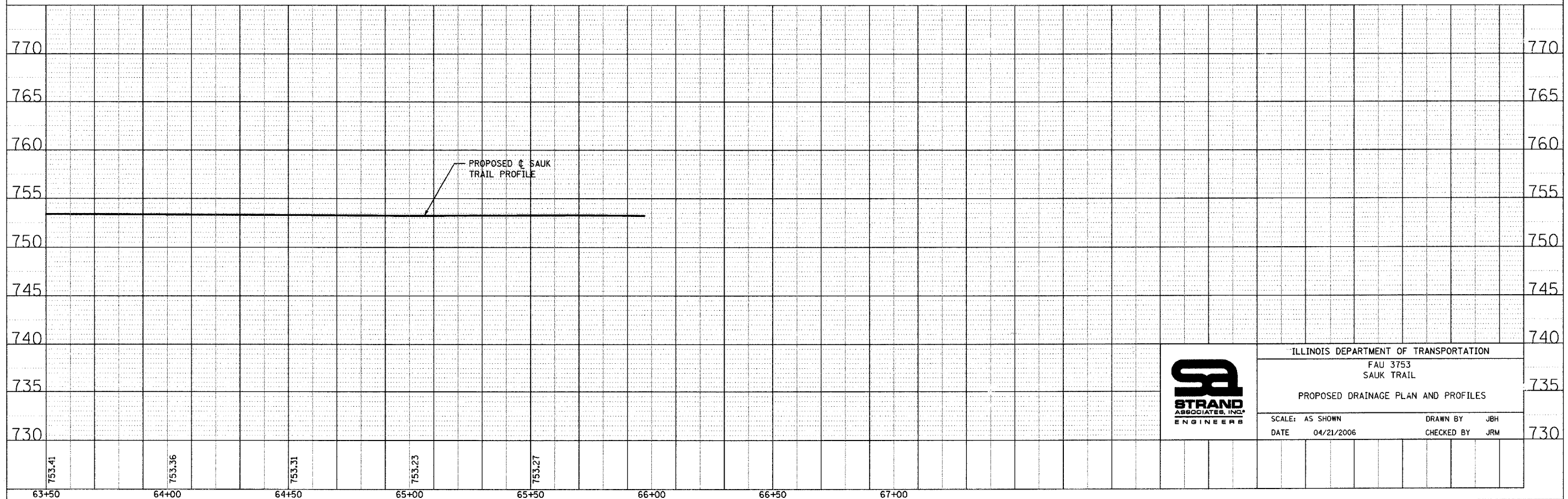
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	83858	



PLAN	SURVEYED	DATE
NO.	BY	
	PLOTTED	
	CHECKED	
	BY	
	DATE	



PROFILE	SURVEYED	DATE
NO.	BY	
	PLOTTED	
	CHECKED	
	BY	
	DATE	



ILLINOIS DEPARTMENT OF TRANSPORTATION	
FAU 3753 SAUK TRAIL	
PROPOSED DRAINAGE PLAN AND PROFILES	
SCALE: AS SHOWN	DRAWN BY: JBH
DATE: 04/21/2006	CHECKED BY: JRM

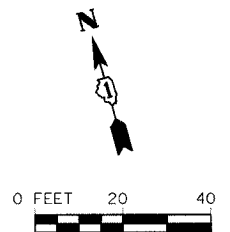
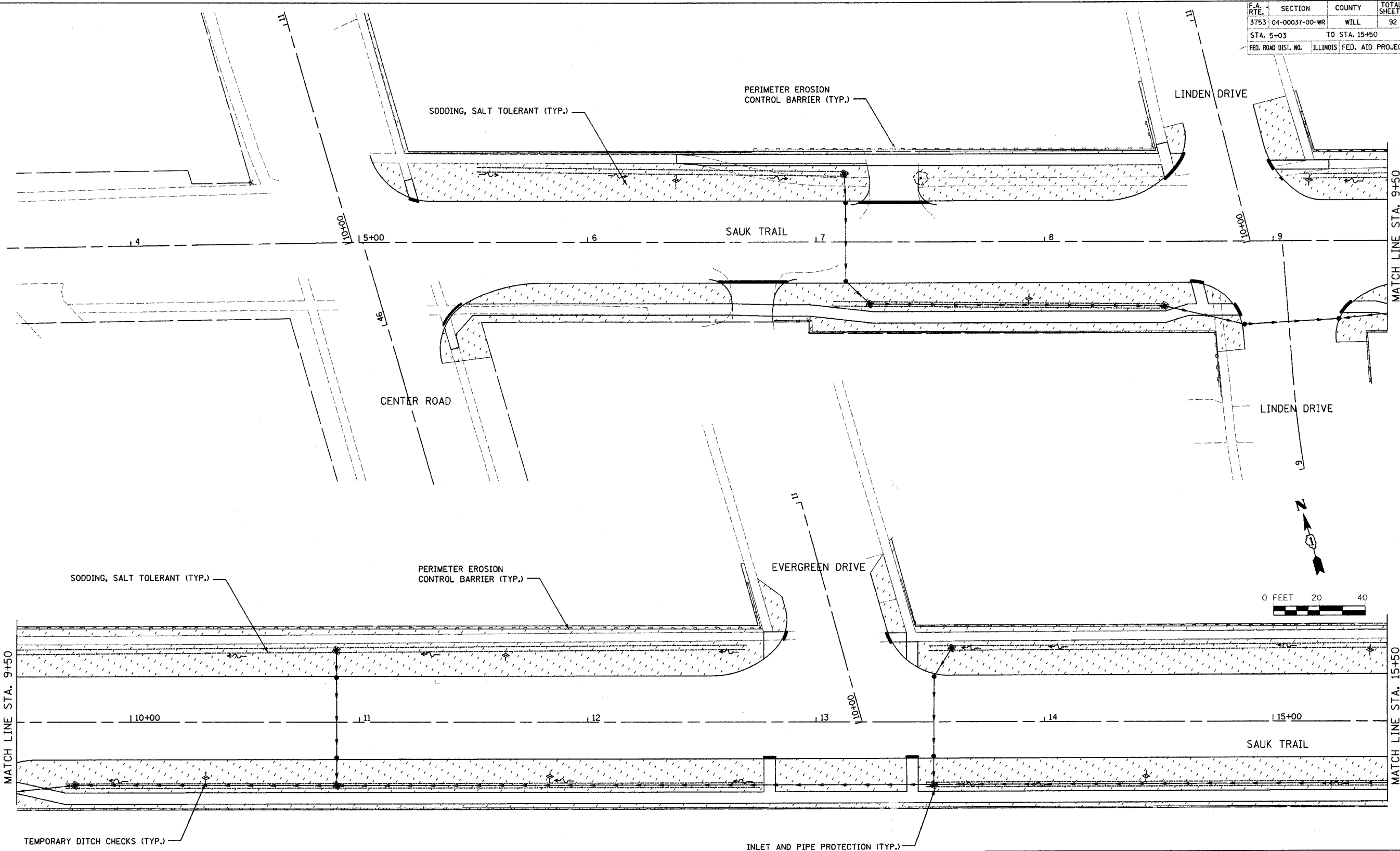
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL.	92	43
STA. 5+03		TO STA. 15+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

83858

TIME: 1:56:39 PM

DATE: 5/25/2006

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REVISIONS	
NAME	DATE

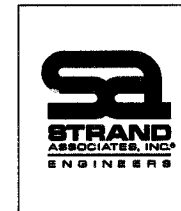
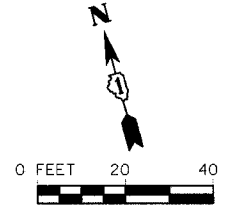
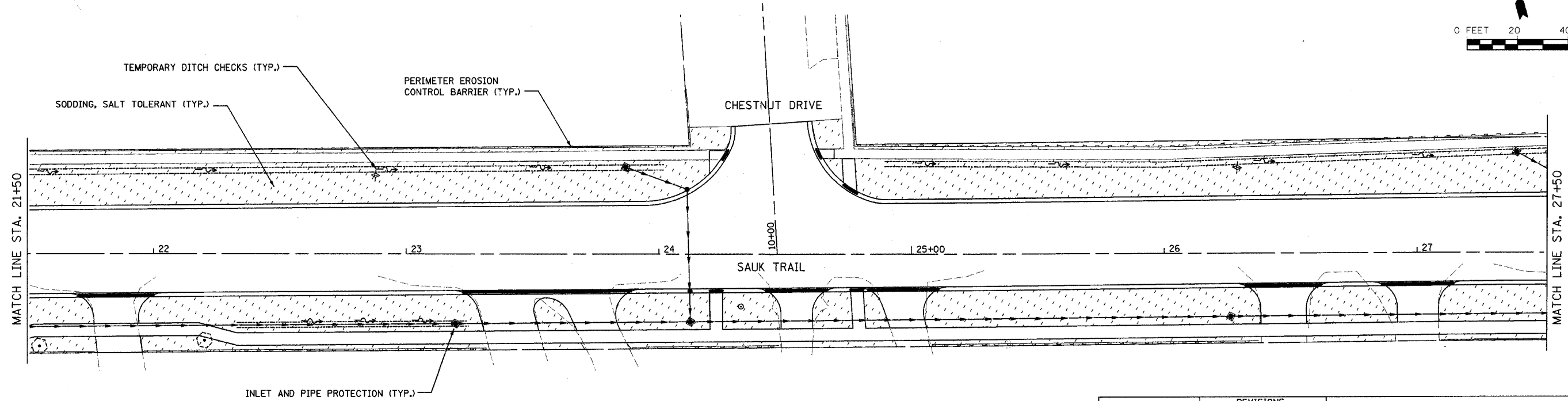
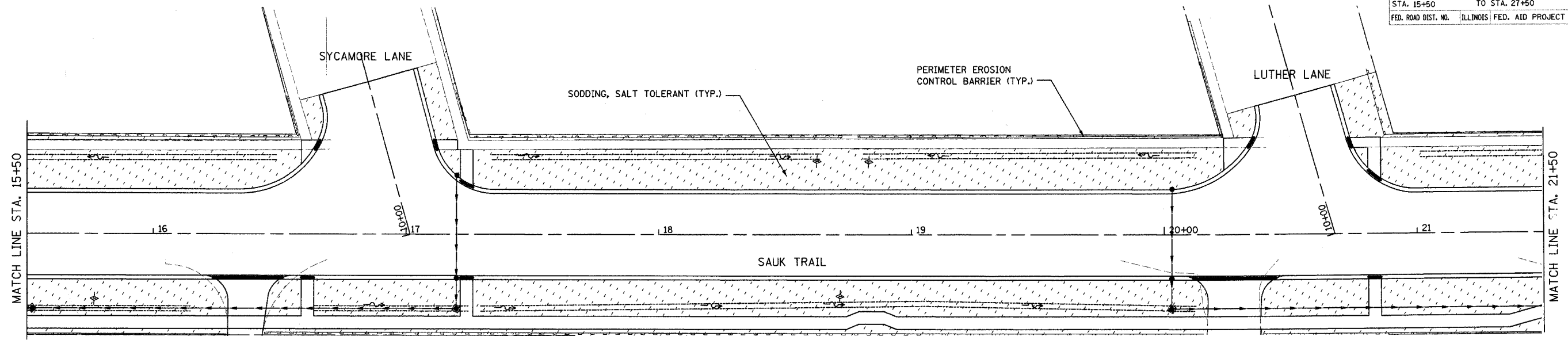
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 PROPOSED LANDSCAPING AND EROSION CONTROL PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE 5/25/2006

DRAWN BY JLB
 CHECKED BY JRM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	44
STA. 15+50		TO STA. 27+50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

83858



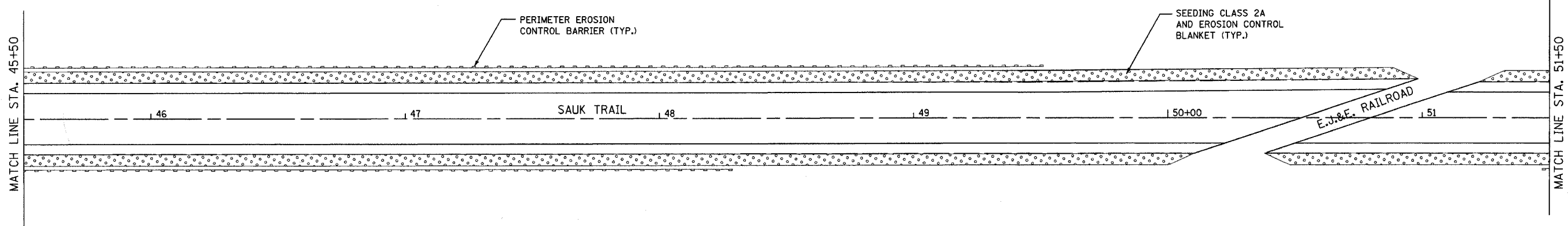
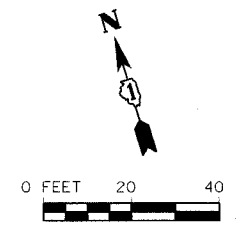
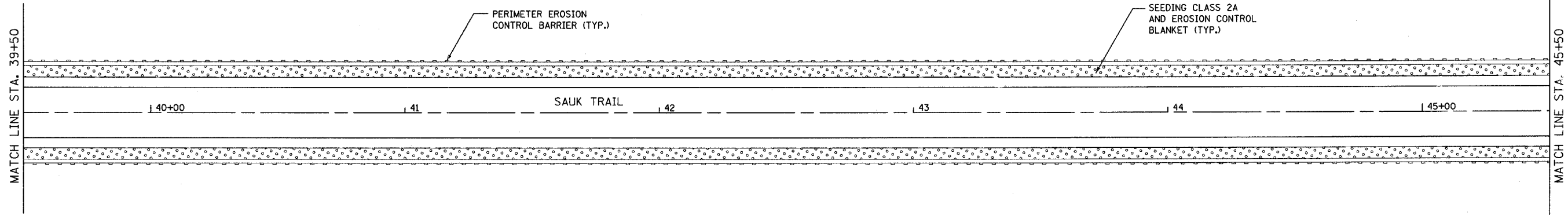
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAU 3753
 SAUK TRAIL
 PROPOSED LANDSCAPING AND EROSION CONTROL PLAN

SCALE: VERT. DRAWN BY JBH
 HORIZ. CHECKED BY JRM
 DATE 5/25/2006

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	46
STA. 39+50		TO STA. 51+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

83858



TIME: 12:42:00 PM

DATE: 04/21/2006

FILENAME: s:\951849-458\206\206\000\plan\erosion control\plan.dgn

	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
	NAME	DATE	FAU 3753	
			SAUK TRAIL	
			PROPOSED LANDSCAPING AND EROSION CONTROL PLAN	
		SCALE: VERT.	DRAWN BY JBH	
		HORIZ.	CHECKED BY JRM	
		DATE 04/21/2006		

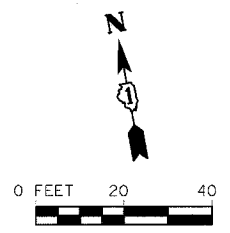
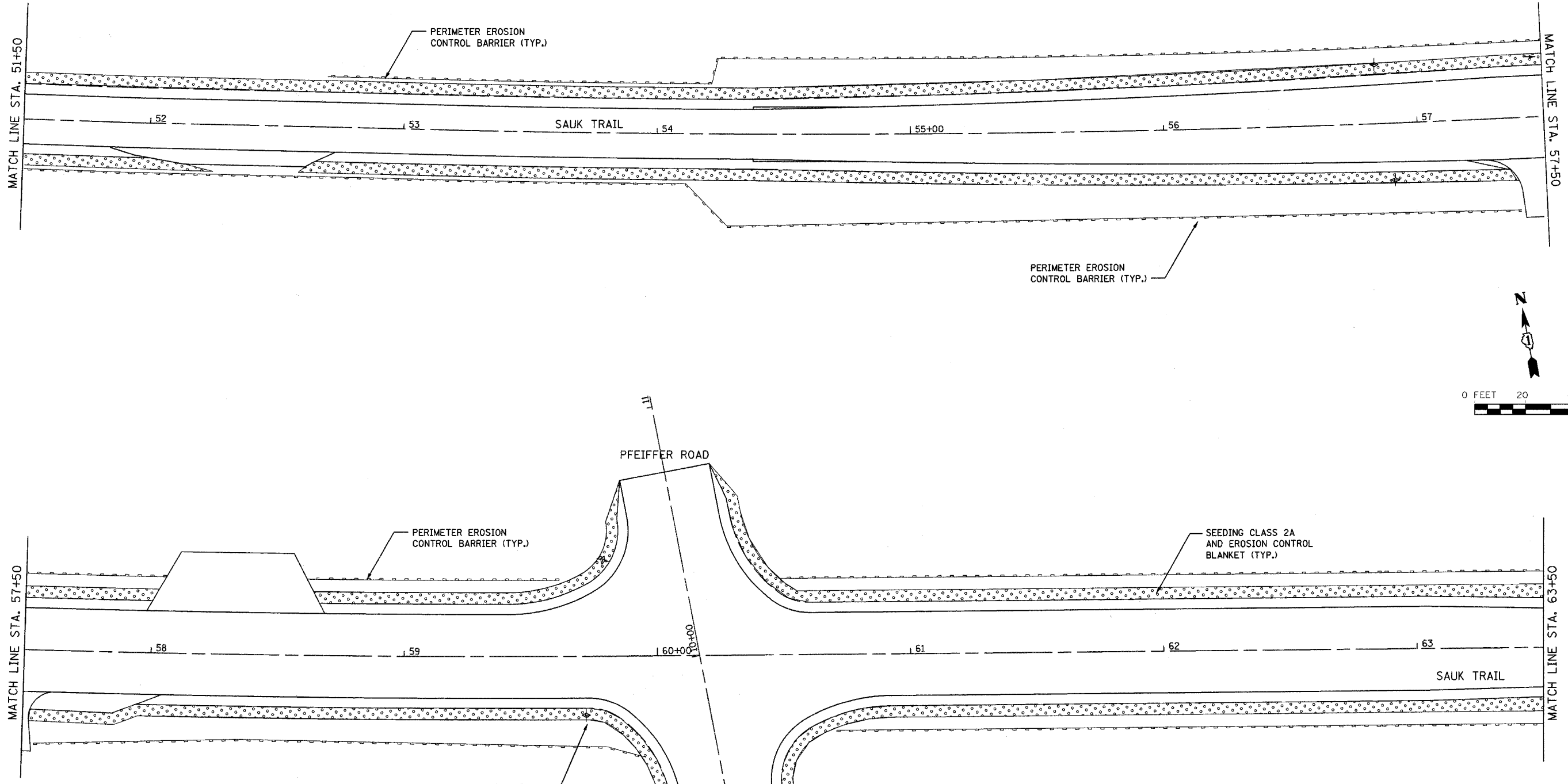
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	47
STA. 51+50		TO STA. 63+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

83858

TIME: 1:06:34 PM

DATE: 5/25/2006

FILE NAME: s:\06\001-650\024\0903\Micros\Erosion Control\plan1.dwg

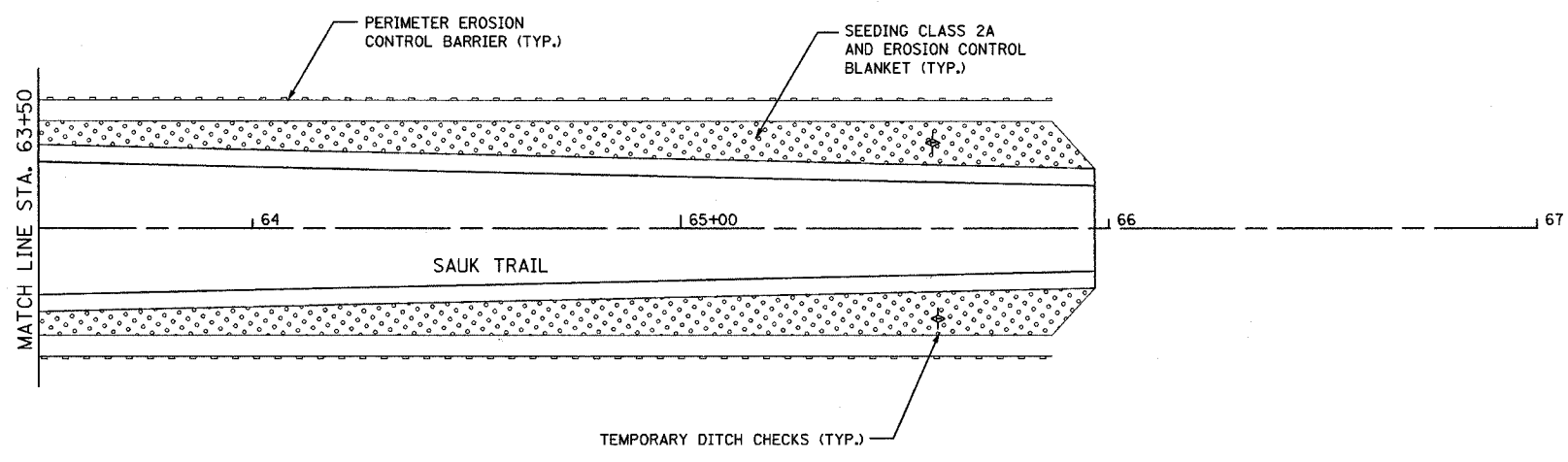


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION	
FAU 3753	
SAUK TRAIL	
PROPOSED LANDSCAPING AND EROSION CONTROL PLAN	
SCALE: VERT.	DRAWN BY: JBH
HORIZ.	CHECKED BY: JRM
DATE: 5/25/2006	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	48
STA. 63+50		TO STA. 65+96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

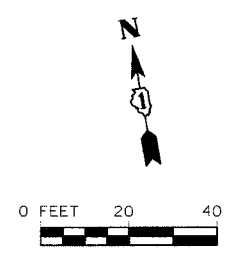
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DATE: 5/25/2006

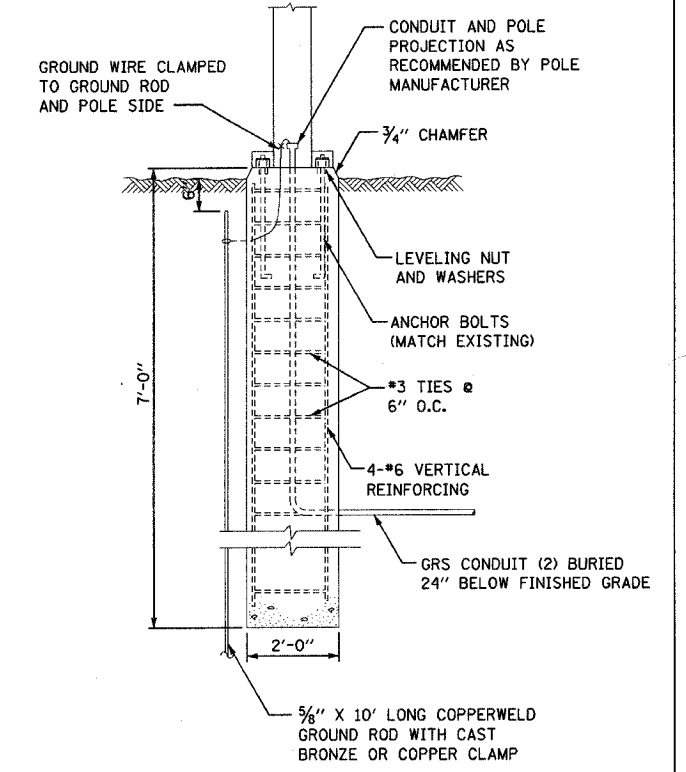
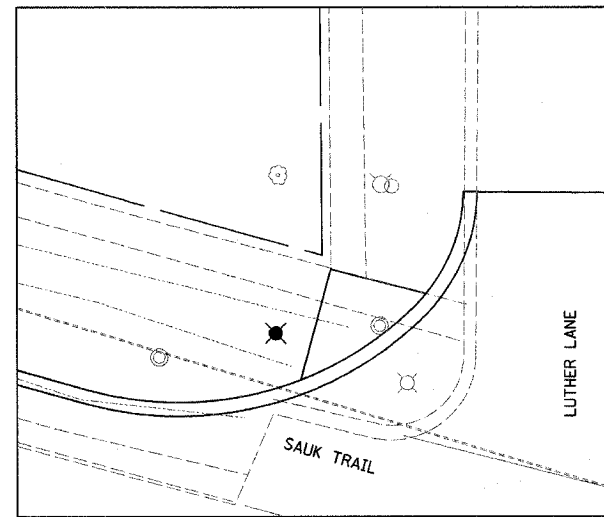
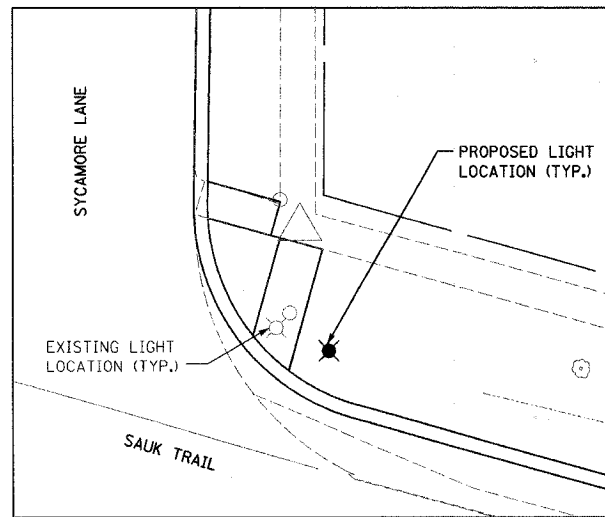
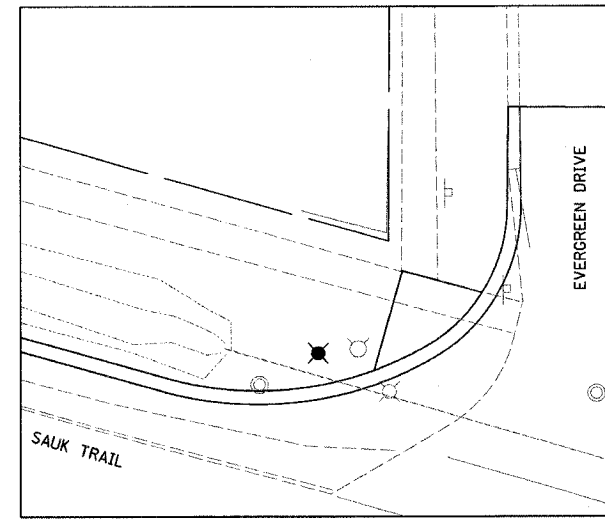
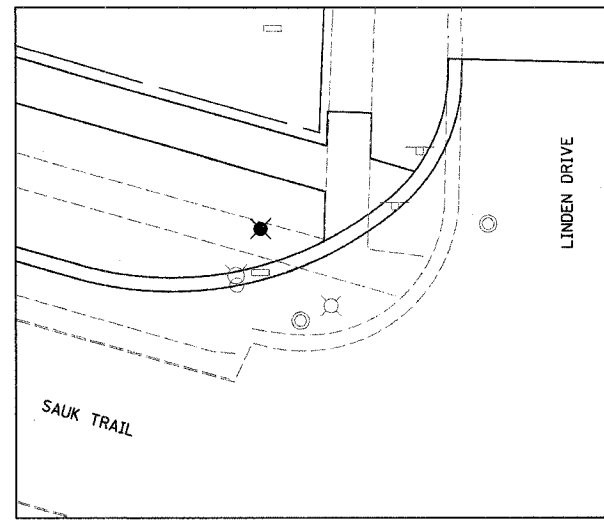
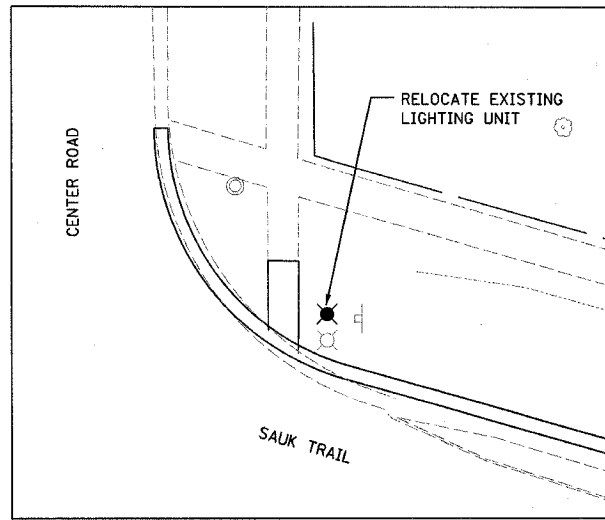
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	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAU 3753 SAUK TRAIL PROPOSED LANDSCAPING AND EROSION CONTROL PLAN
	NAME	DATE	
SCALE: VERT. HORIZ. DATE 5/25/2006		DRAWN BY JBH CHECKED BY JRM	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

83858



NOTES:

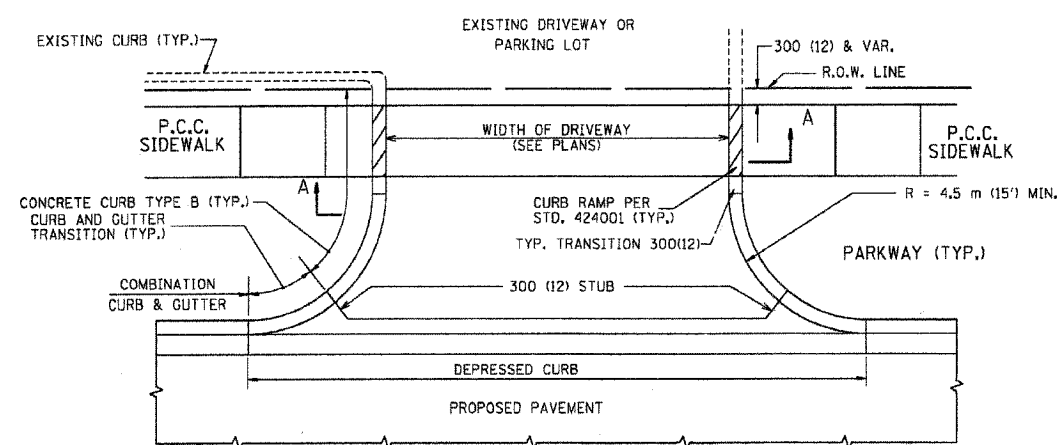
1. TOP OF BASE TO BE 4" ABOVE TOP OF FUTURE CURB, TOP 12" TO BE FORMED.
2. POLE SHALL BE MOUNTED 4'-0" BACK FROM EDGE OF PAVEMENT.

(X) LIGHT POLE BASE-ARCHITECTURAL

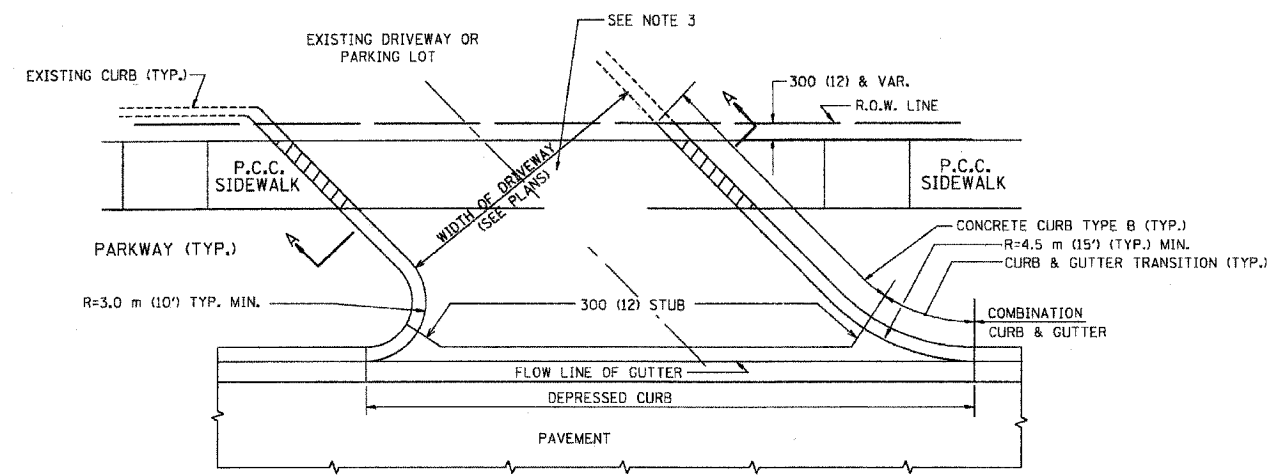


	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAU 3753 SAUK TRAIL LIGHTING RELOCATION PLAN
	NAME	DATE	
			SCALE: VERT. N.T.S. HORIZ. N.T.S. DATE 04/21/2006

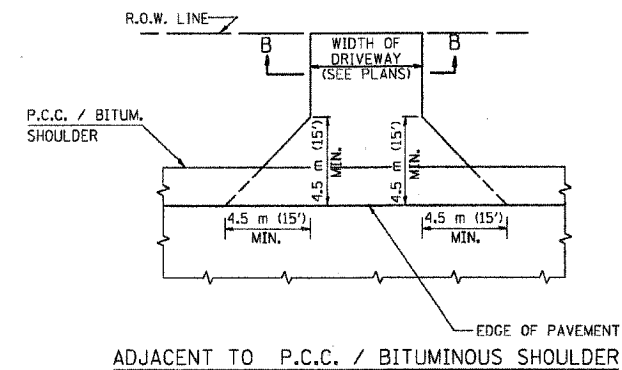
P.A. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			92	50
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



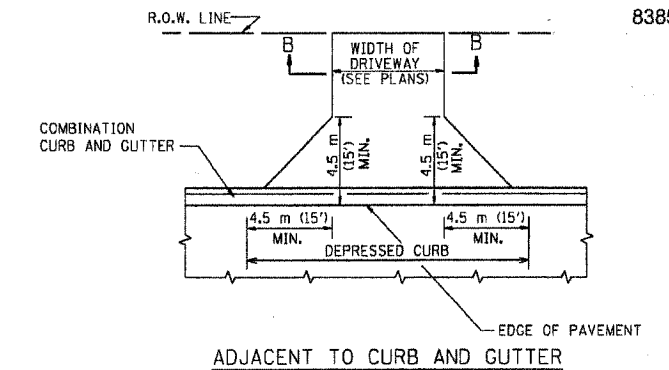
WITH CONCRETE CURB, TYPE B



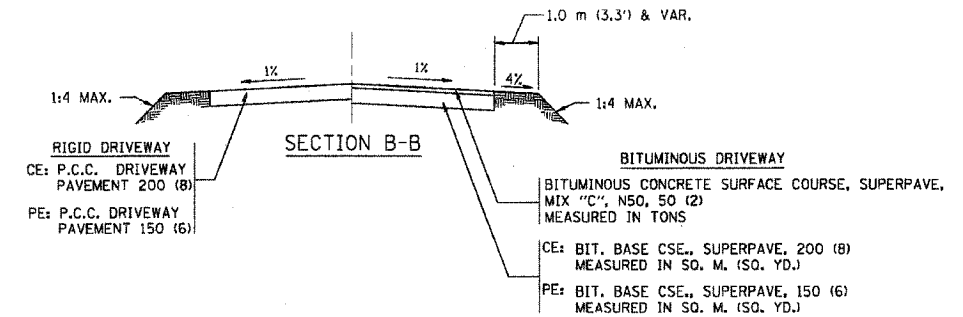
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / BITUMINOUS SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE
 MIX "C", N50, 50 (2)
 MEASURED IN TONS
 CE: BIT. BASE CSE., SUPERPAVE, 200 (8)
 MEASURED IN SQ. M. (SQ. YD.)
 PE: BIT. BASE CSE., SUPERPAVE, 150 (6)
 MEASURED IN SQ. M. (SQ. YD.)

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

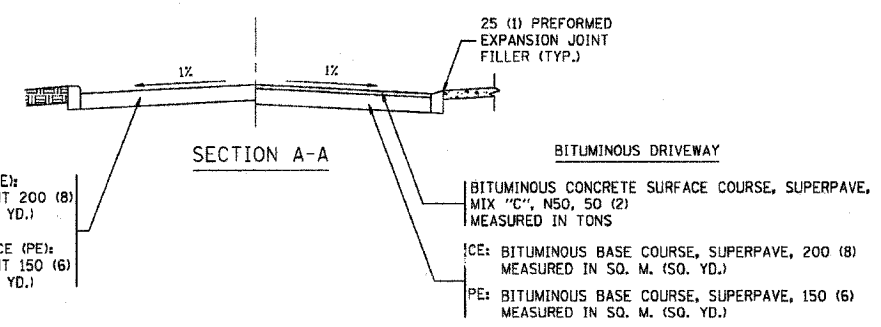
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 1.2 METERS (4 FEET) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

25 (1) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



RIGID DRIVEWAY
 COMMERCIAL ENTRANCE (CE):
 P.C.C. DRIVEWAY PAVEMENT 200 (8)
 MEASURED IN SQ. M. (SQ. YD.)
 NON-COMMERCIAL ENTRANCE (PE):
 P.C.C. DRIVEWAY PAVEMENT 150 (6)
 MEASURED IN SQ. M. (SQ. YD.)

BITUMINOUS DRIVEWAY
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE,
 MIX "C", N50, 50 (2)
 MEASURED IN TONS
 CE: BITUMINOUS BASE COURSE, SUPERPAVE, 200 (8)
 MEASURED IN SQ. M. (SQ. YD.)
 PE: BITUMINOUS BASE COURSE, SUPERPAVE, 150 (6)
 MEASURED IN SQ. M. (SQ. YD.)

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

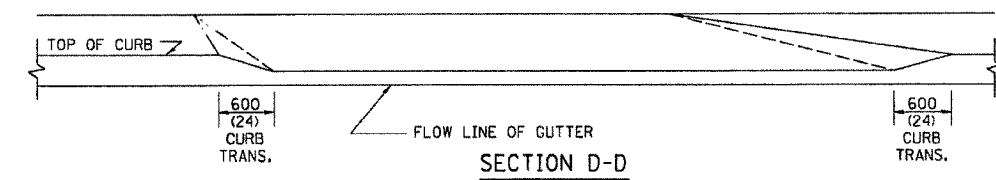
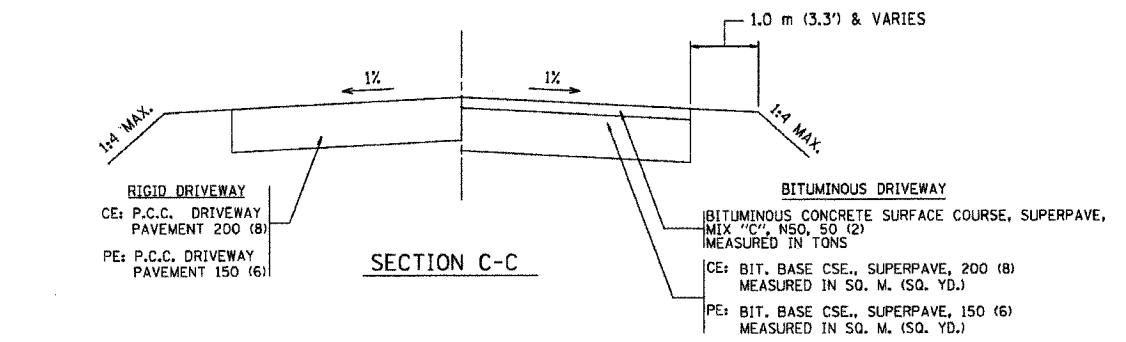
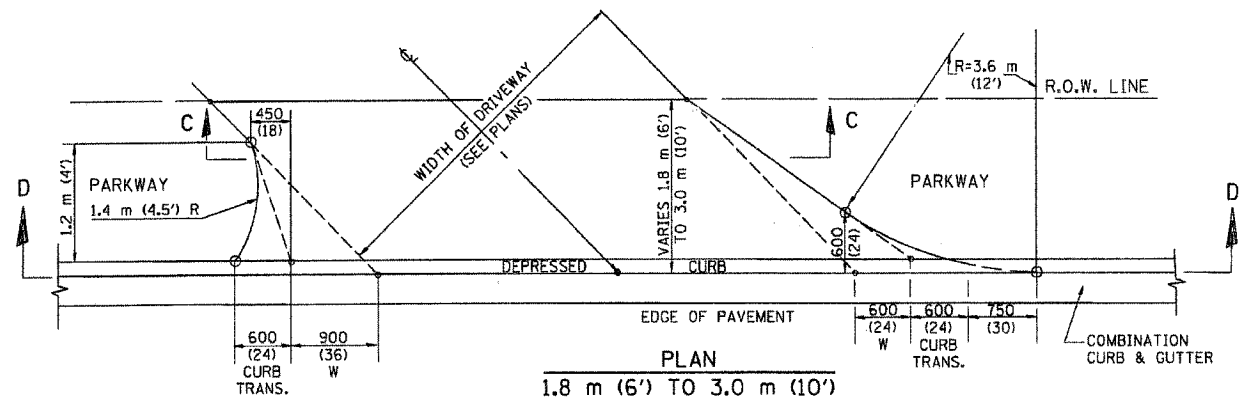
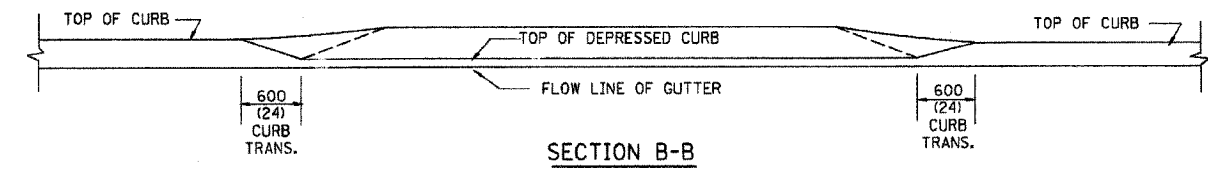
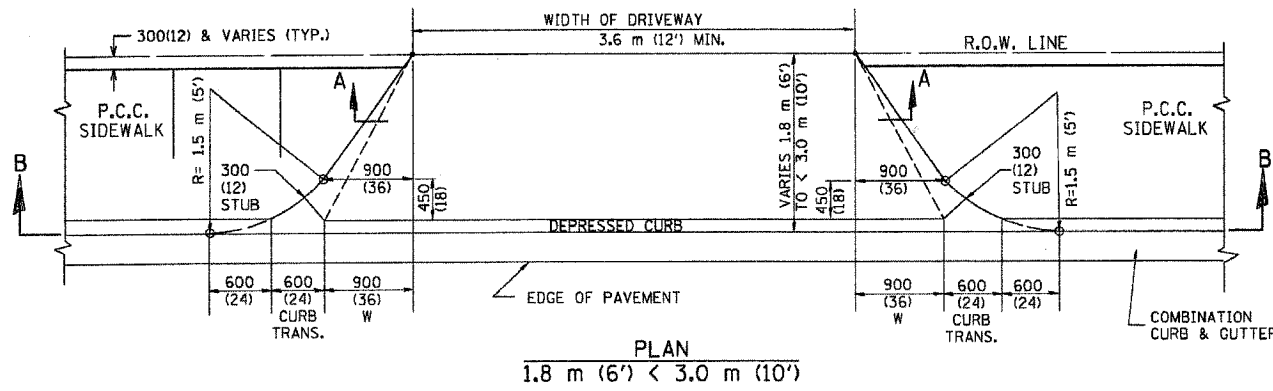
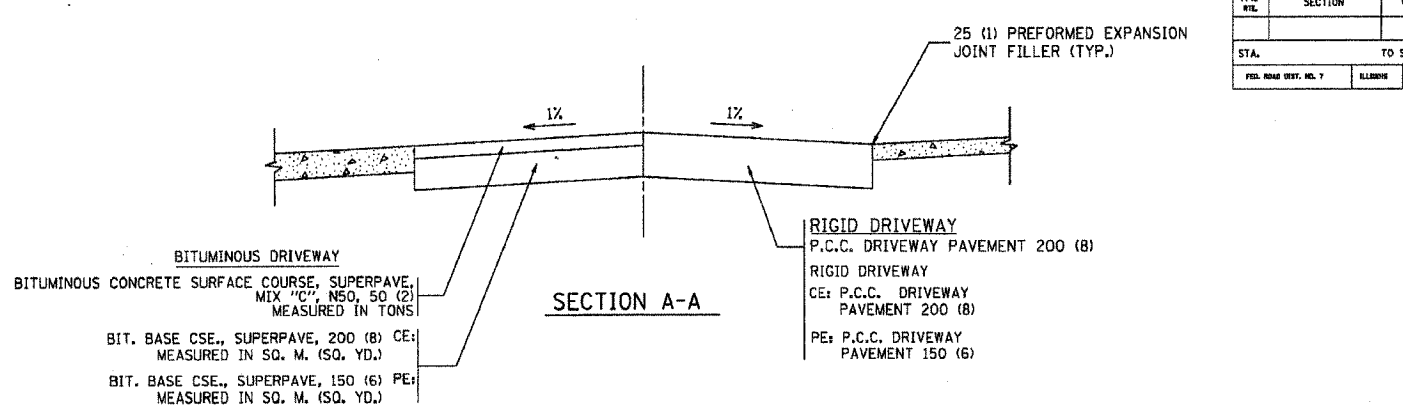
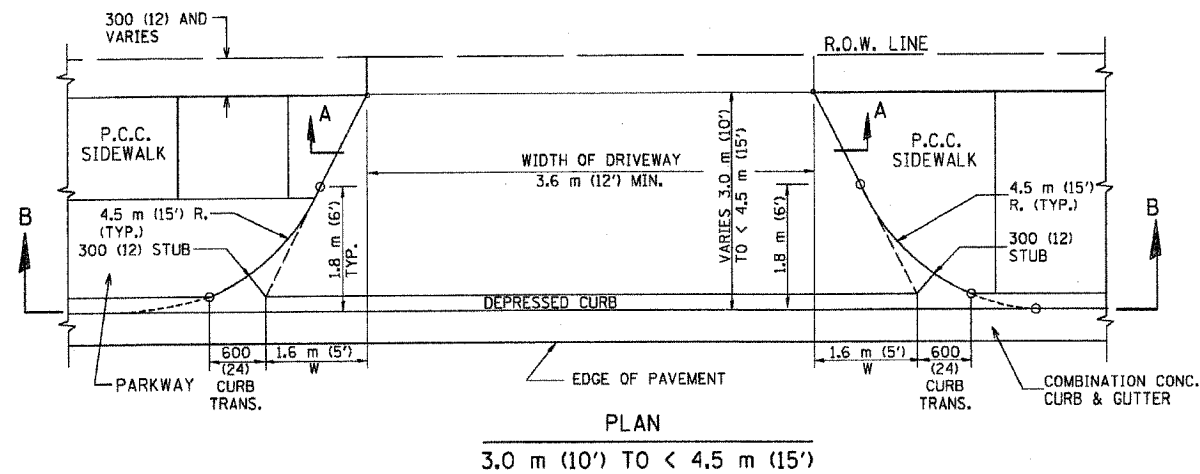
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DRIVEWAY DETAILS
 DISTANCE BETWEEN R.O.W. AND
 FACE OF CURB / EDGE OF
 SHOULDER >= 4.5 m (15')

REVISIONS	
NAME	DATE
P. LaFLEUR	04-15-03
R. SHAH	11-04-95
J. POLLASTRINI	08-12-96
J. POLLASTRINI	12-14-96
A. ABBAS	03-21-97
T. HOLTZ	04-08-97
M. GOMEZ	04-06-01

SCALE: NONE
 DATE PLOTTED: 04/17/2003
 DRAWN BY: SG
 CHECKED BY: JFP

F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			92	51
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ELEMENT	FED. AID PROJECT		

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GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 2.4 M (8'), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

25 (1) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 900 (36) TO 1.5 m (5 FT.) PROPORTIONAL TO THE LENGTH (L), FROM 1.8 m (6 FT.) TO 3 m (10 FT.).

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS

DISTANCE BETWEEN ROW AND FACE OF CURB < 4.5 m (15')

REVISIONS	
NAME	DATE
P. LAFLEUR	04/15/03
M. GOMEZ	04/06/01
R. SHAH	11/06/95
J. POLLASTRINI	08/12/96
J. POLLASTRINI	12/14/96
A. ABBAS	03/21/97
T. HOLTZ	04/08/97

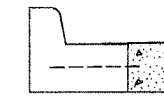
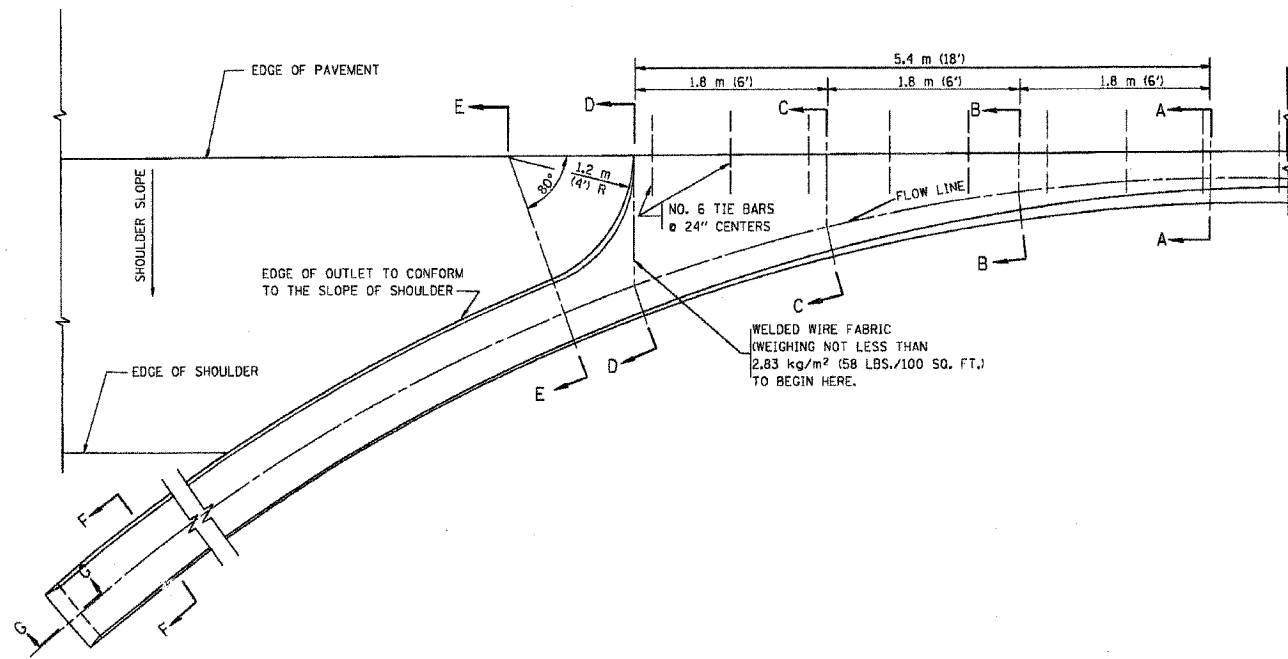
SCALE: NONE
DATE PLOTTED 04/17/2003

DRAWN BY: SC
CHECKED BY: JFP

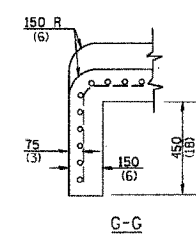
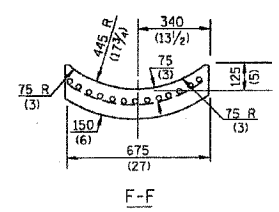
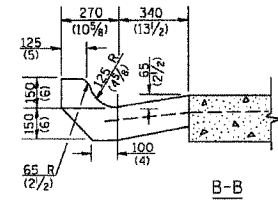
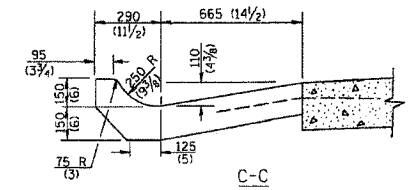
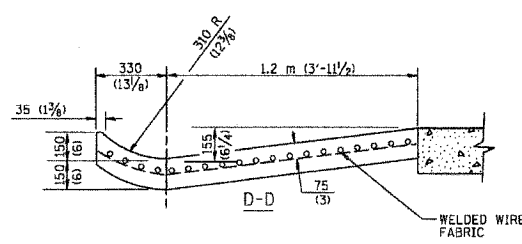
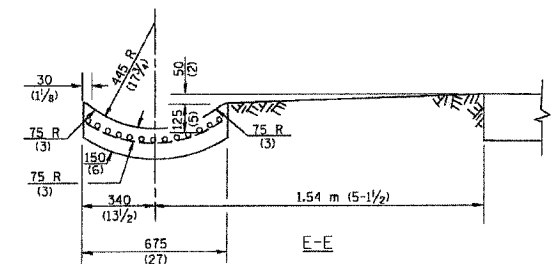
BD400-02 (BD-02)
REVISION DATE: 04/15/03

F. A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			92	52
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ALIGNMENT	FED. AID PROJECT		

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* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-15.60 (B-6.24) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 600 (24) CENTERS UNLESS OTHERWISE SHOWN.

IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 1.8 m (6') FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL =
 0.96 m³ (1.25 CU. YDS.) CLASS S1 CONCRETE (OUTLET) FOR 225 (9) PAV'T.
 0.87 m³ (1.27 CU. YDS.) CLASS S1 CONCRETE (OUTLET) FOR 250 (10) PAV'T.
 FOR SECTION E-E =
 0.03 m³ (0.045 CU. YDS.) CLASS S1 CONCRETE PER m (ft.).

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

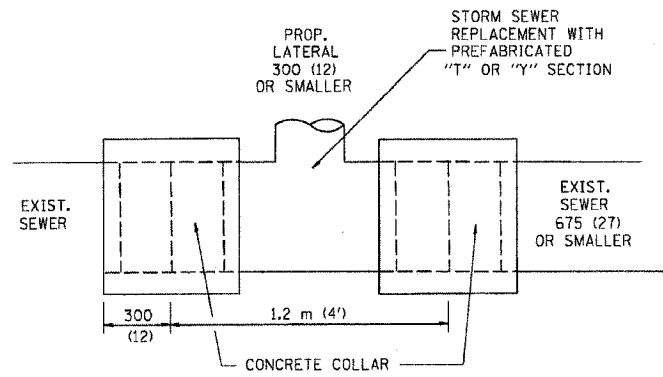
OUTLET FOR CONCRETE CURB AND GUTTER

REVISIONS	
NAME	DATE
M. DE YONG	8/4/86
R. SHAH	09/09/94
R. SHAH	10/25/94
E. GOMEZ	12/21/00

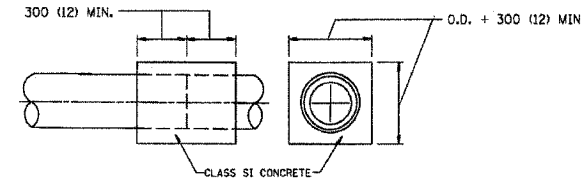
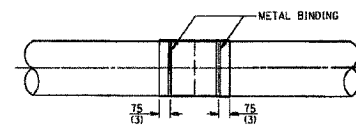
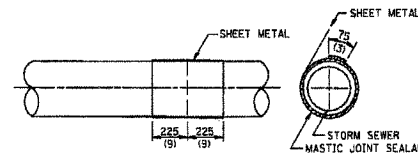
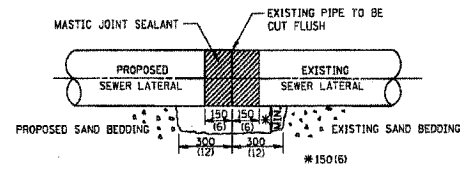
SCALE: NONE
 DATE 10/18/2002

DRAWN BY
 CHECKED BY
 BD600-01 (BD-03)
 REVISION DATE: 12/21/00

83858



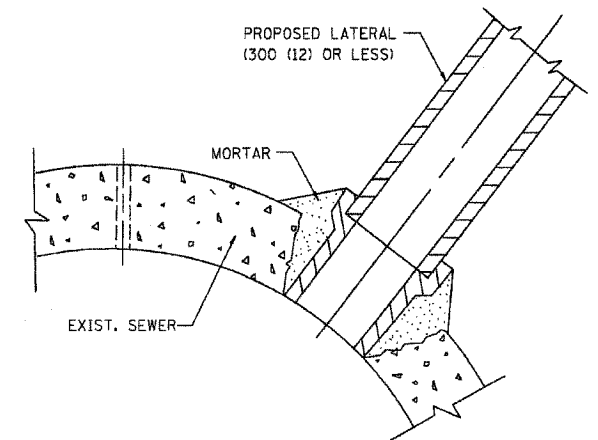
DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER
OF 675 (27) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 150 (6) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 300 X 150 (12 X 6) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 450 (18) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 75 (3) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 225 (9) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 75 (3) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"
PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 750 (30) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

- PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 675 (27) OR SMALLER SEE DETAIL "A" AND "B".
- PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 750 (30) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

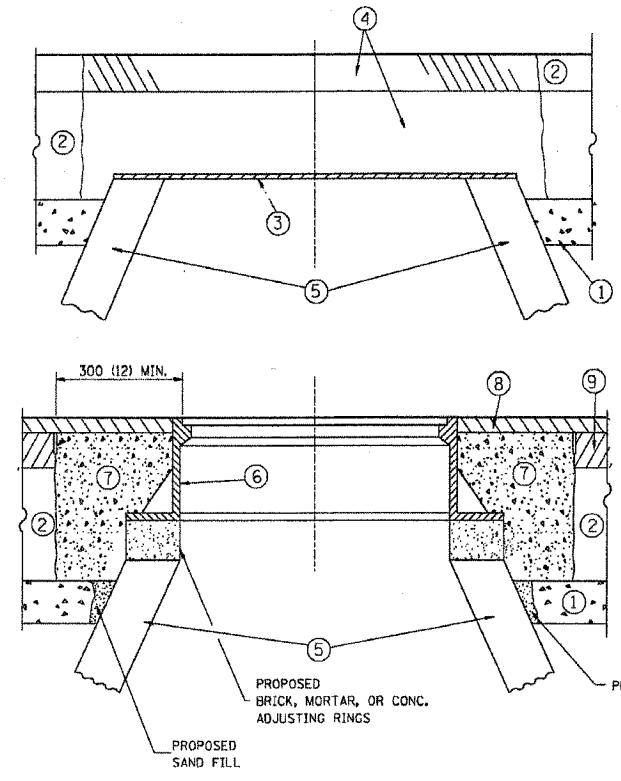
SCALE: NONE
DATE 10/18/2002

DRAWN BY CADD
CHECKED BY

BD500-01 (BD-7)
REVISION DATE: 06/12/96

F. A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			92	54
STA.	TO STA.			
FED. ROAD DIST. NO.	ELDEN	FED. AID PROJECT		

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CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- A) REMOVE A MINIMUM OF 300 (12) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - C) COVER THE STRUCTURE OPENING WITH A 900 (36) DIAMETER METAL PLATE.
 - D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 40 (1 1/2) THICK BITUMINOUS MATERIAL APPROVED BY THE ENGINEER.
- STAGE 2 (AFTER PAVEMENT MILLING)**
- A) REMOVE THE BITUMINOUS MATERIAL AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS S1 CONCRETE, OR BITUMINOUS CONCRETE SURFACE OR BINDER COURSE MATERIAL TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 900 (36) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND BITUMINOUS MATERIAL
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS S1 CONCRETE BITUMINOUS CONCRETE SURFACE OR BINDER COURSE MATERIAL
- ⑧ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE
- ⑨ PROPOSED BITUMINOUS CONCRETE BINDER COURSE

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: FRAMES AND LIDS TO BE ADJUSTED, SPECIAL EACH

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION

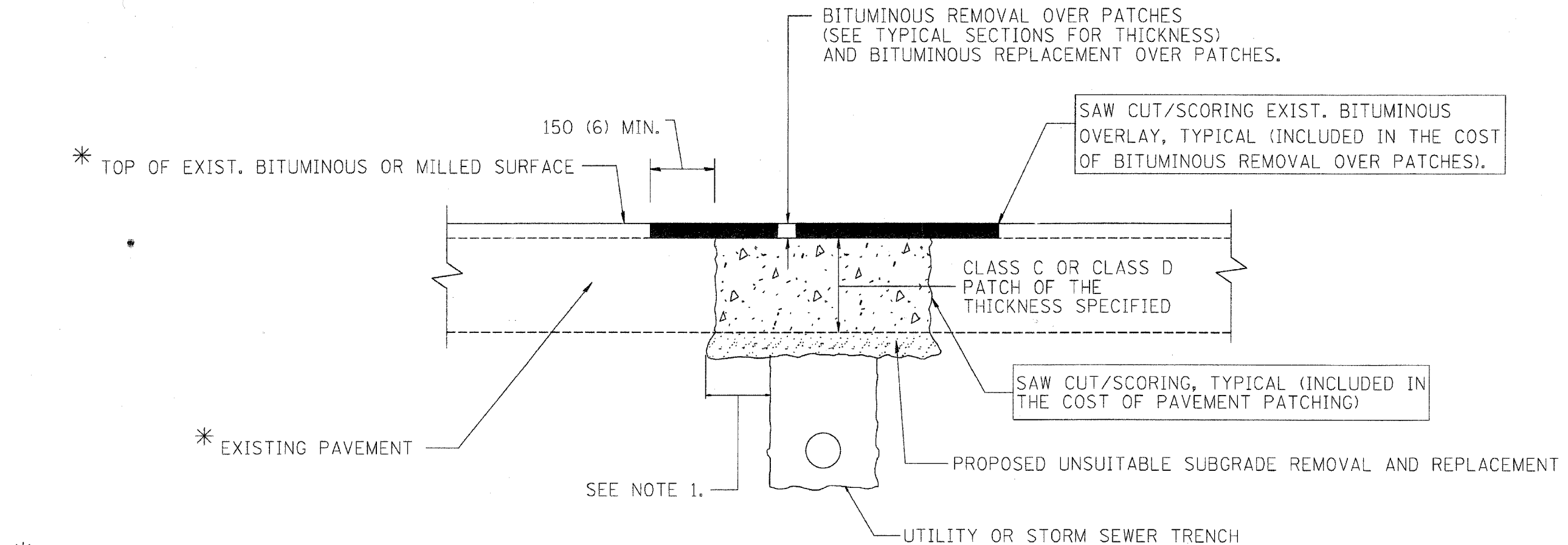
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/30/95
R. SHAH	03/10/95
A. ABBAS	03/21/97
R. WIEDEMAN	05/14/04

SCALE: NONE
 DATE: 05/17/2004
 DRAWN BY
 CHECKED BY
 BD600-03 (BD-8)
 REVISION DATE: 05/17/04

F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			92	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

83858



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE SPECIAL PROVISION "PATCHING WITH BITUMINOUS OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING BITUMINOUS MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE BITUMINOUS MATERIAL OVER THE AREA TO BE PATCHED.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT

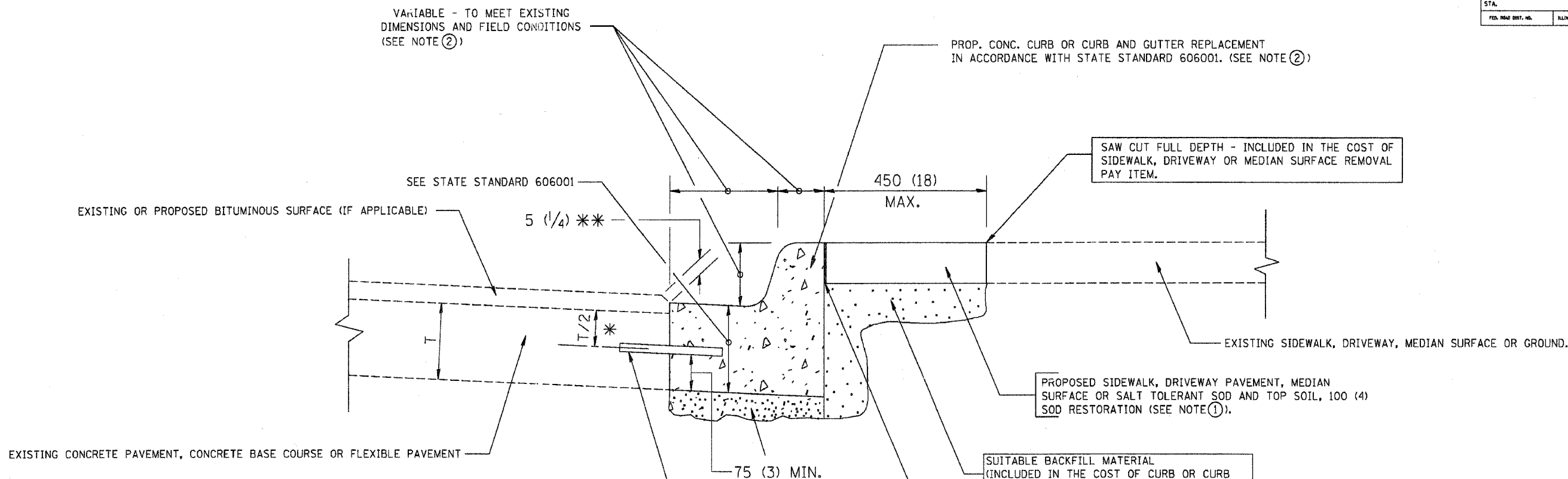
REVISIONS		REVISIONS	
NAME	DATE	NAME	DATE
R. SHAH	10/25/94	ART ABBAS	04/27/98
R. SHAH	01/14/95		
R. SHAH	03/23/95		
R. SHAH	04/24/95		
A. HOUSEH	03/15/96		
A. ABBAS	03/21/97		
A. ABBAS	01/20/98		

SCALE: NONE
DATE 10/18/2002

DRAWN BY
CHECKED BY

BD400-04 (8D-22)
REVISION DATE: 04/27/98

83858



- * 75 (3) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 100 (4) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF BITUMINOUS SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER (FOOT) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
M. DE YONG	05/28/91
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01

ILLINOIS DEPARTMENT OF TRANSPORTATION
**CURB OR
CURB AND GUTTER
REMOVAL AND REPLACEMENT**

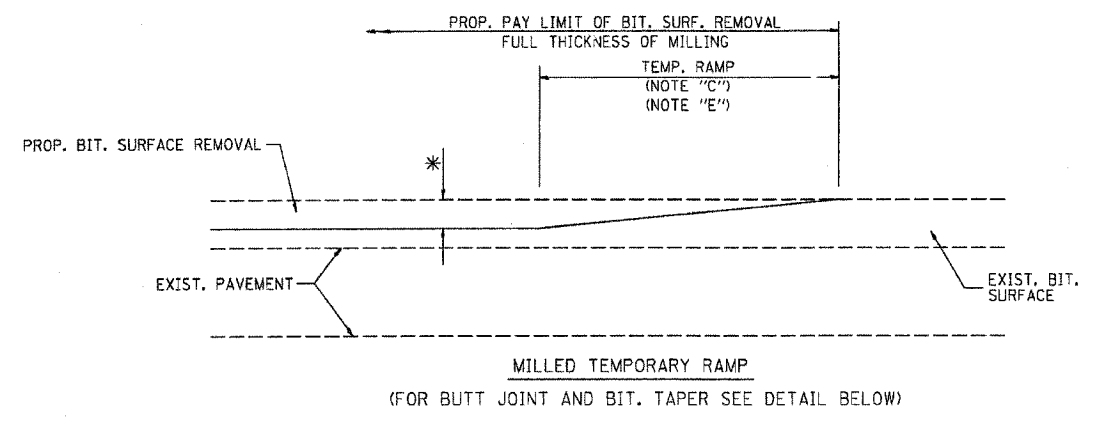
SCALE: NONE
DATE 10/18/2002

DRAWN BY
CHECKED BY

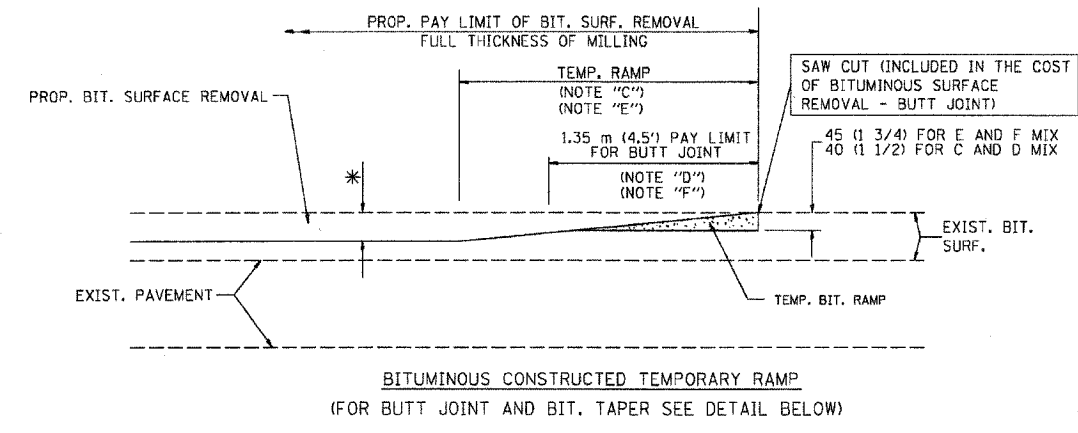
BD600-06 (BD-24)

REVISION DATE: 12/06/98

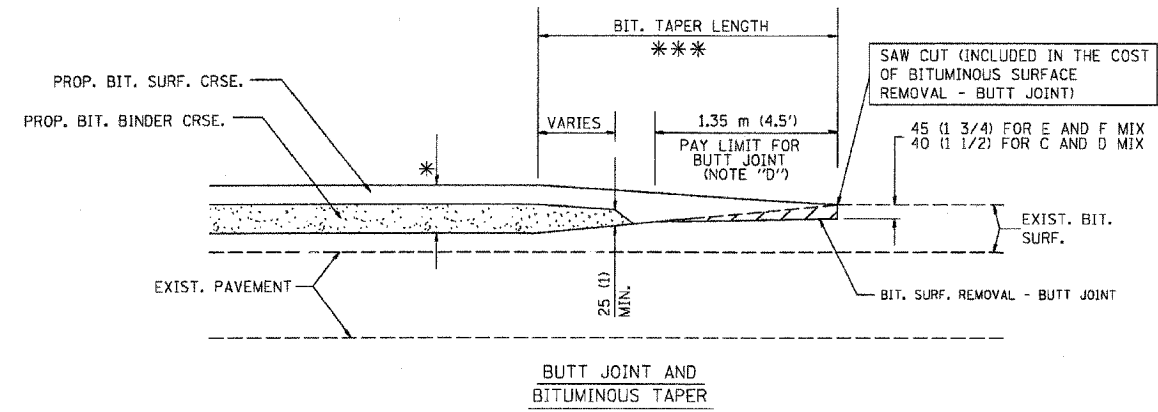
83858



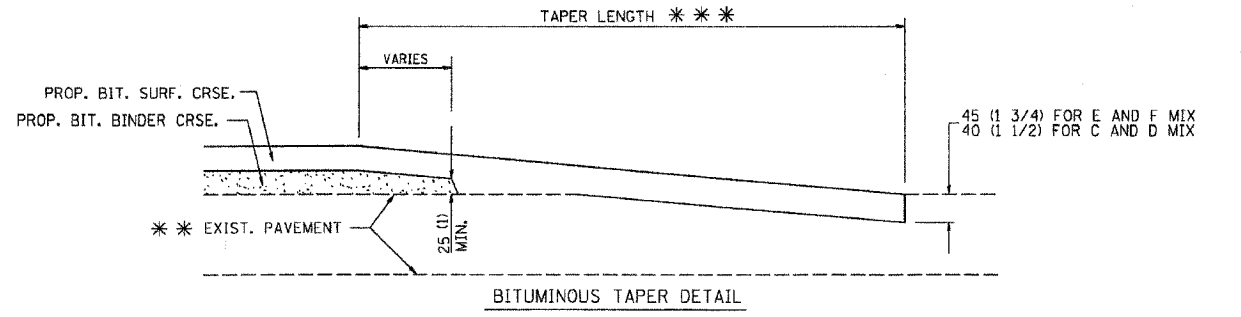
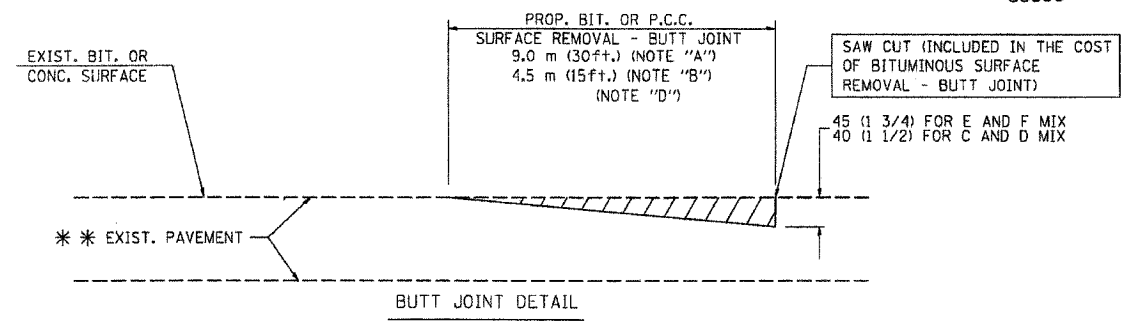
OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY

*** PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING BITUMINOUS SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED BITUMINOUS COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 900 (3 ft.) PER INCH OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 1.35 m (4.5') TEMP. BIT. RAMP WILL BE PAID AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT".
 - G: SEE ARTICLE 406.18 AND 406.24 OF THE STANDARD SPECIFICATIONS FOR "BITUMINOUS AND PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 6.1 m (20') PER 25 (1) RESURFACING (NOTE "A")
3.0 m (10') PER 25 (1) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND BITUMINOUS TAPER DETAILS

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR PER SQUARE METER (SQUARE YARD.) AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT" OR AS "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

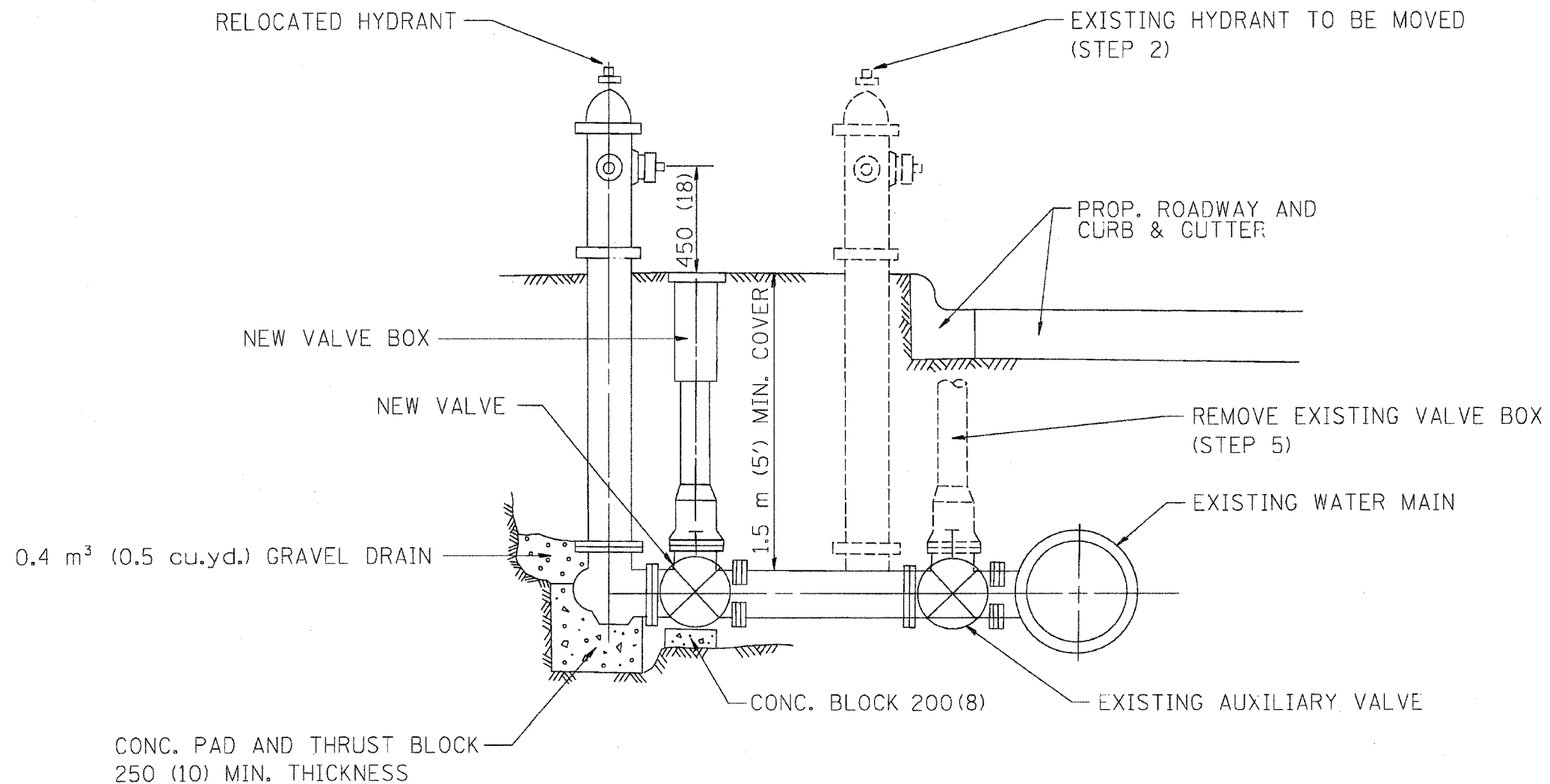
REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01

SCALE: NONE

DATE PLOTTED: 10/18/2002

DRAWN BY

CHECKED BY



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT
TO BE MOVED

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94

SCALE: NONE
DATE 10/18/2002

DRAWN BY
CHECKED BY
80500-03 (80-36)
REVISION DATE: 10/25/94

F. & S. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			92	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

83858

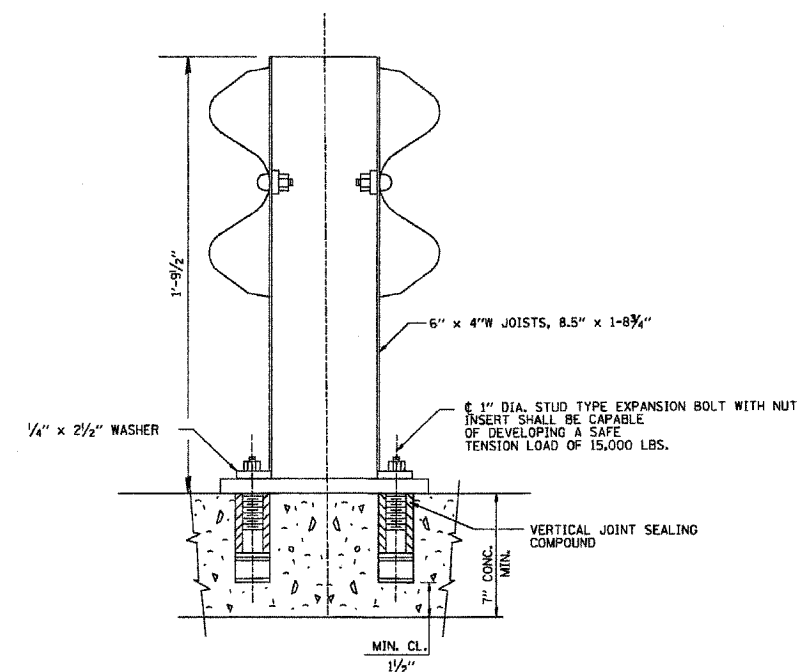
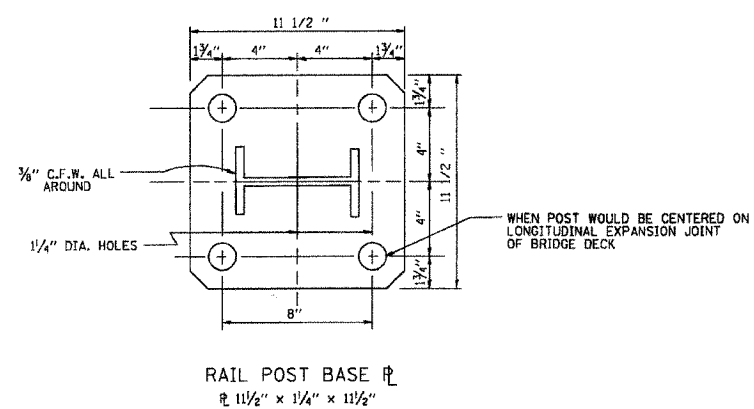
NOTE:
FOR DETAILS OF RAIL ELEMENTS, RAIL SPLICING, NUT, BOLT AND SIDE VIEW OF RAIL, SEE STANDARD 2230-2.

ALL WELDS SHALL BE GROUND SMOOTH

POSTS SHALL BE CUT AND WELDED TO THE BASE PLATE SO THAT THE POST WILL BE PLUMB WHEN ERECTED.

TWO PERCENT (2%) OF ALL ANCHOR BOLTS SHALL BE TEST LOADED IN PLACE. MINIMUM TEST LOAD=8 KIPS. IF ONE ANCHOR BOLT FAILS DURING THE TEST, TWO OTHER ANCHOR BOLTS SHALL BE TESTED. TESTING EQUIPMENT SHALL BE BOLT COMPANIES.

PROVIDE 1/8" AND 2 1/8" GALVANIZED SHIMS FOR 25% OF THE POSTS.



ILLINOIS DEPARTMENT OF TRANSPORTATION

ANCHOR DETAIL FOR
STEEL PLATE BEAM GUARD RAIL
ON CONCRETE

SCALE: NONE
DATE: 10/18/2002

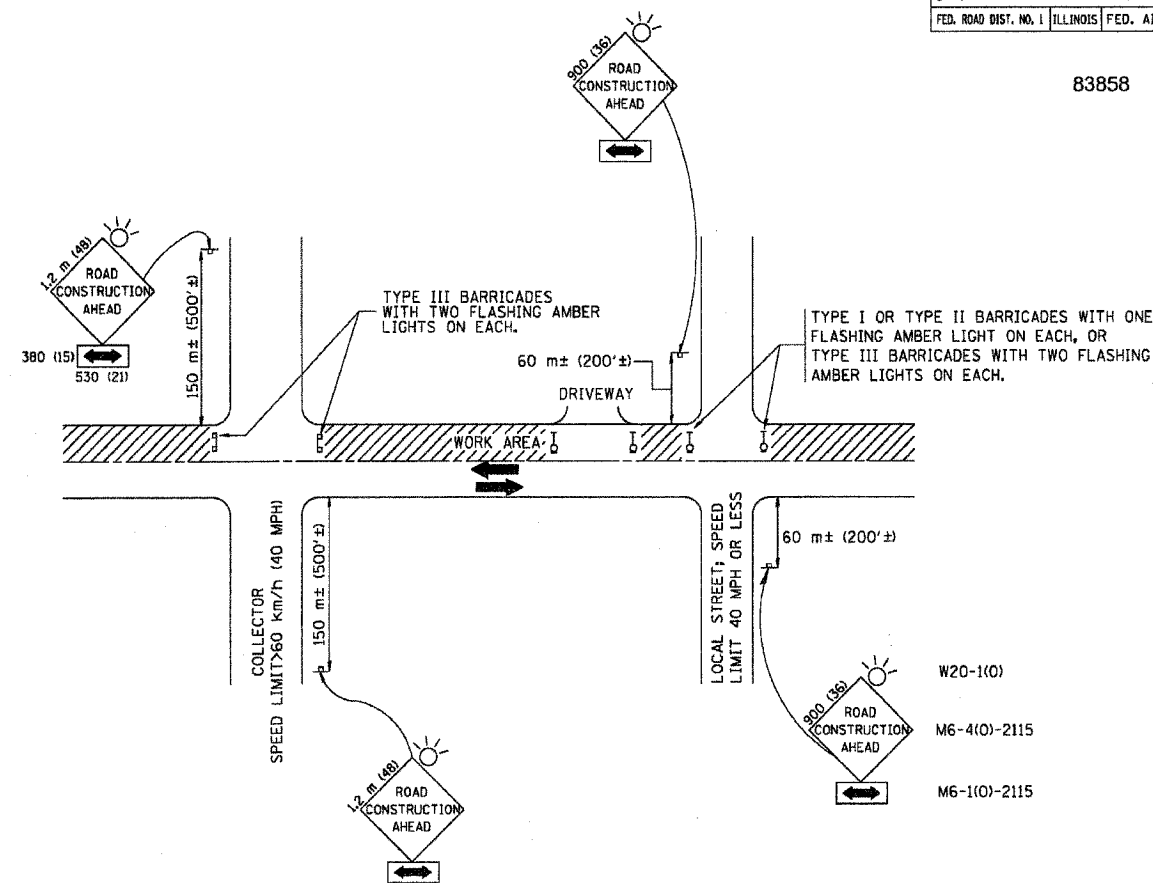
DRAWN BY R.F.L.
CHECKED BY
BM-2

REVISION DATE: 05/02/00

REVISIONS	
NAME	DATE
CREATED	10-31-88
RAY RITCHIE	05-02-00

DATE-TIME
DGN-SPEC
VI-BM2

83858



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

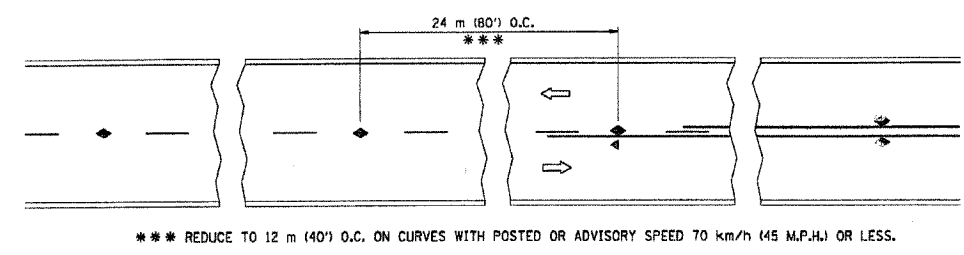
D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

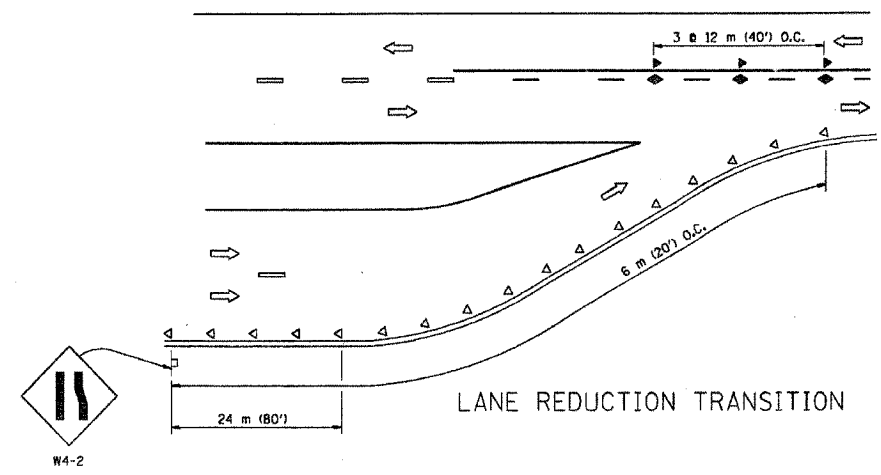
ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 FOR
 SIDE ROADS, INTERSECTIONS, AND
 DRIVEWAYS**

SCALE: VERT.
 HORIZ.
 DATE 10/18/2002

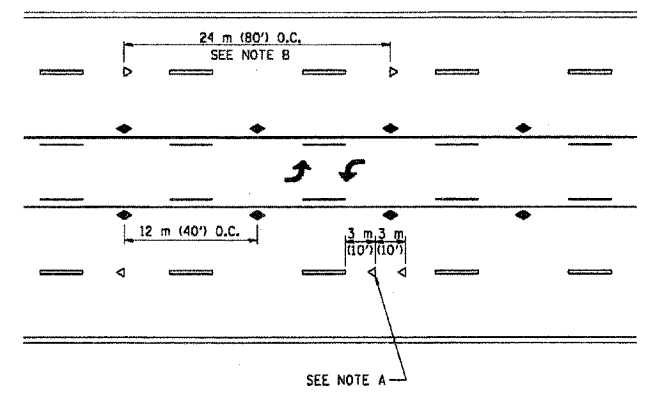
DRAWN BY
 CHECKED BY
 TC-10



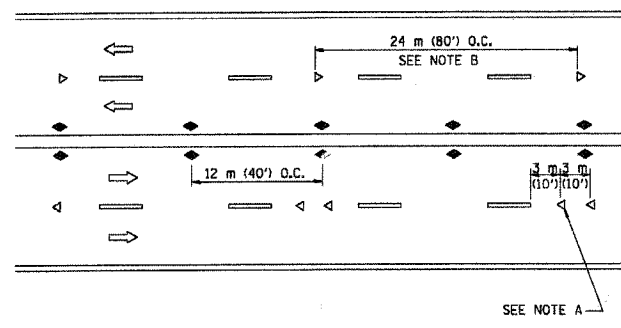
TWO-LANE/TWO-WAY



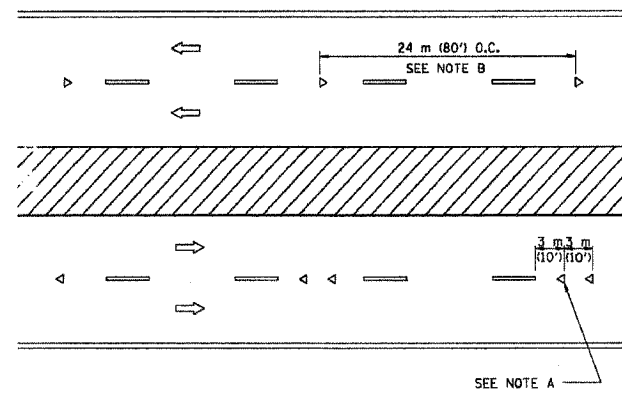
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 50 TO 75 (2 TO 3) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 150 m (500') IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 12 m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 20 km/h (10 M.P.H.) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in millimeters (Inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION

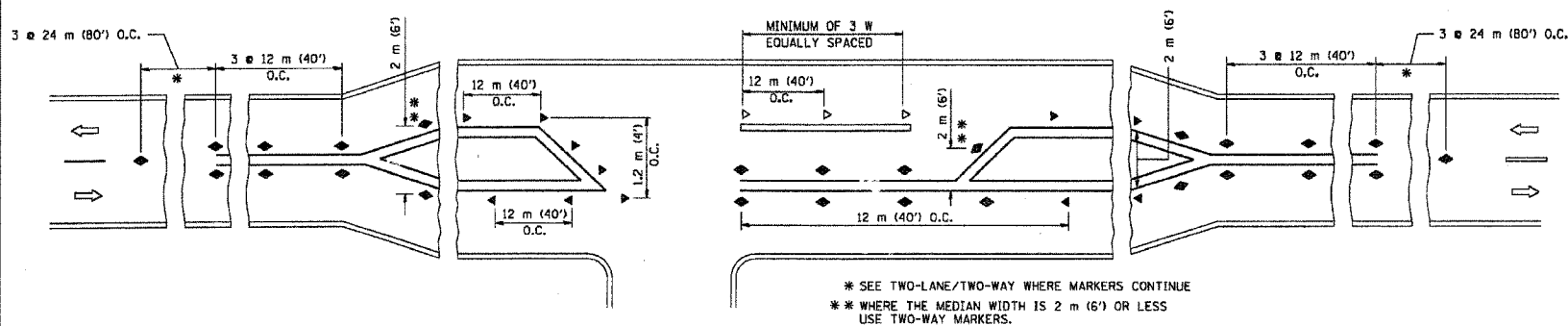
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS
(SNOW-PLOW RESISTANT)

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

SCALE: NONE
DATE: 10/18/2002

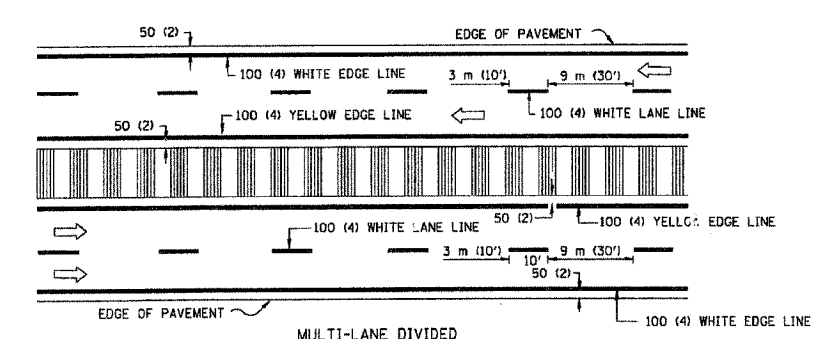
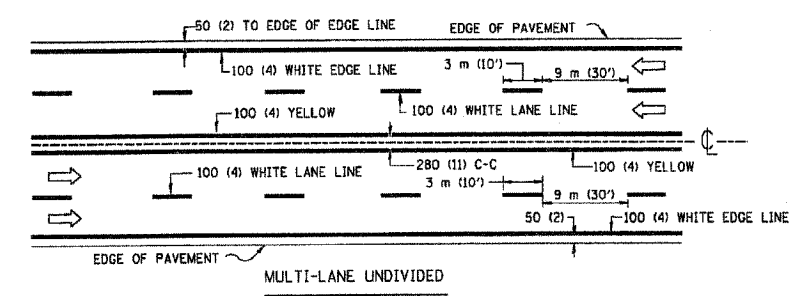
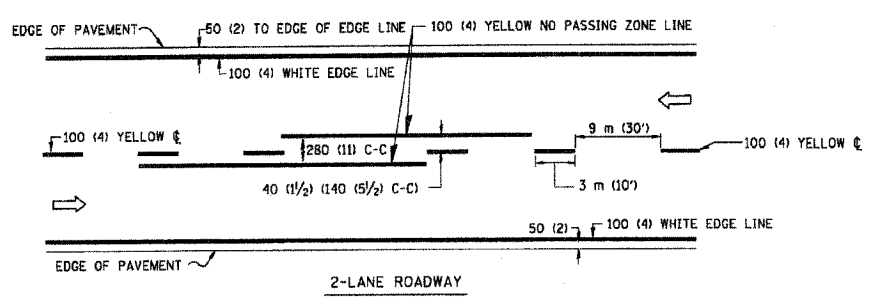
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CHECKED BY TC-II

REVISION DATE: 01/06/00



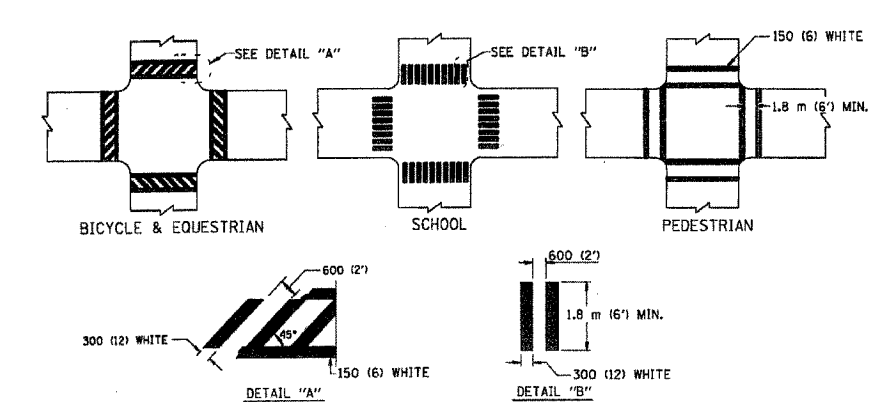
LEFT TURN

83858

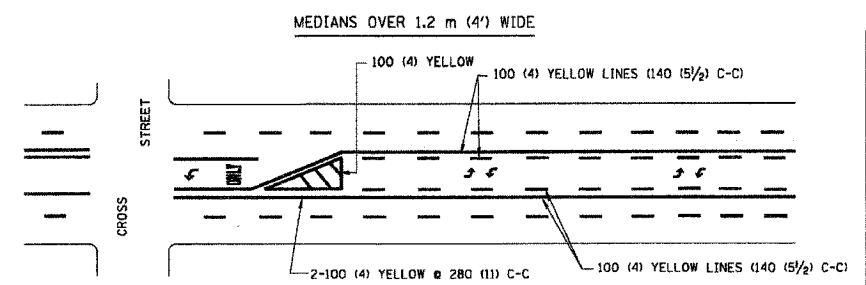
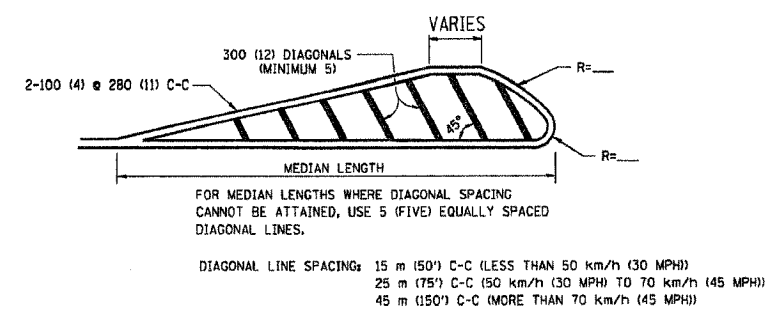
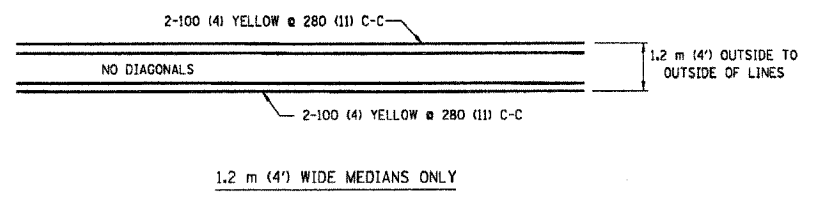


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

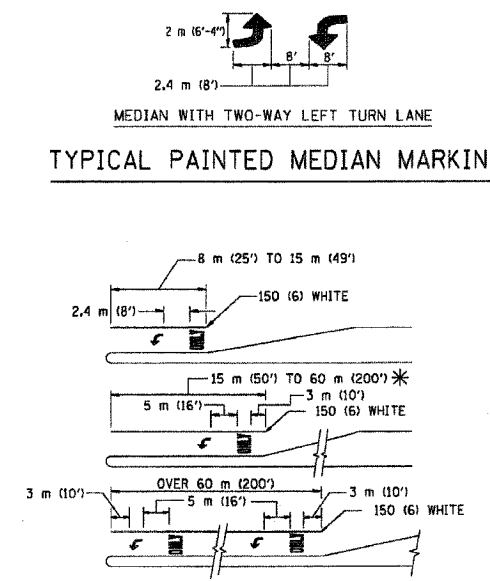
TYPICAL LANE AND EDGE LINE MARKING



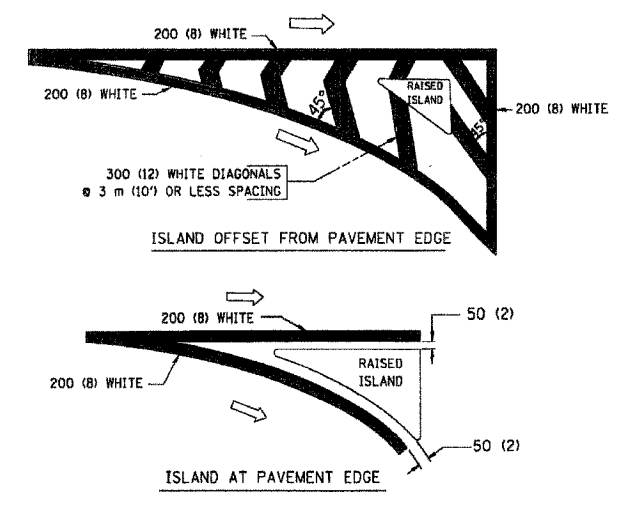
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" 15 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m² (3.6 SQ. FT.) EACH "X"=5.0 m² (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

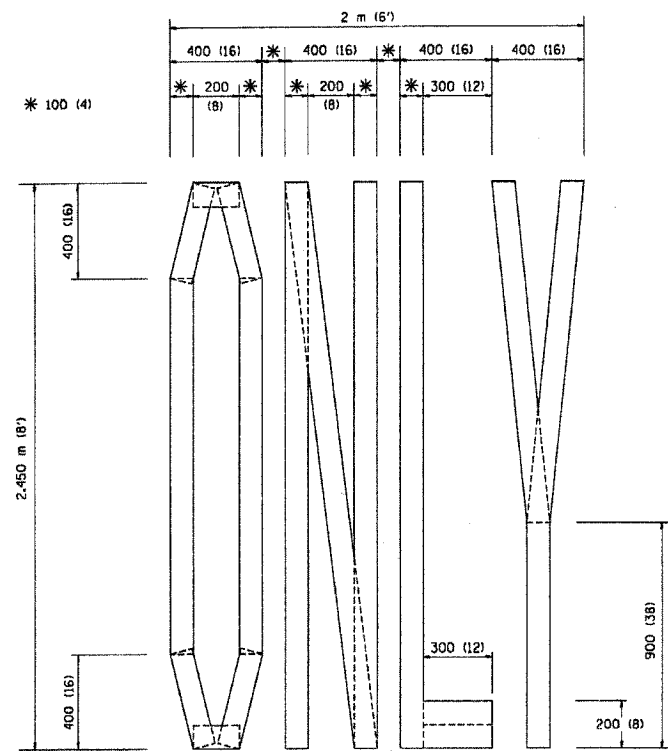
All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

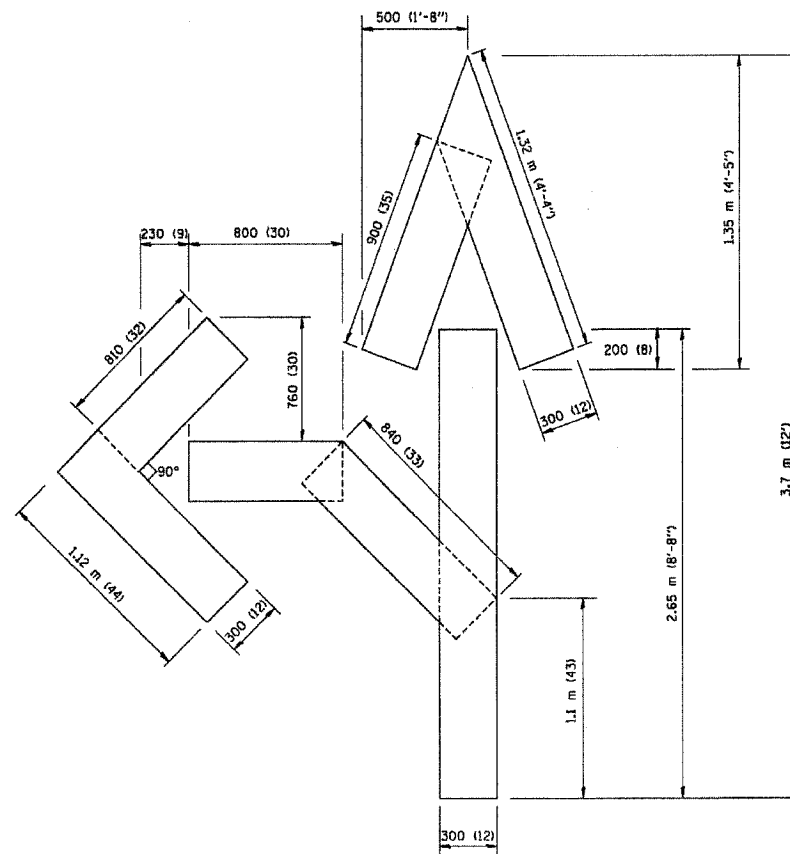
REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

SCALE: NONE
DATE: 10/18/2002
DRAWN BY: CADD
CHECKED BY:

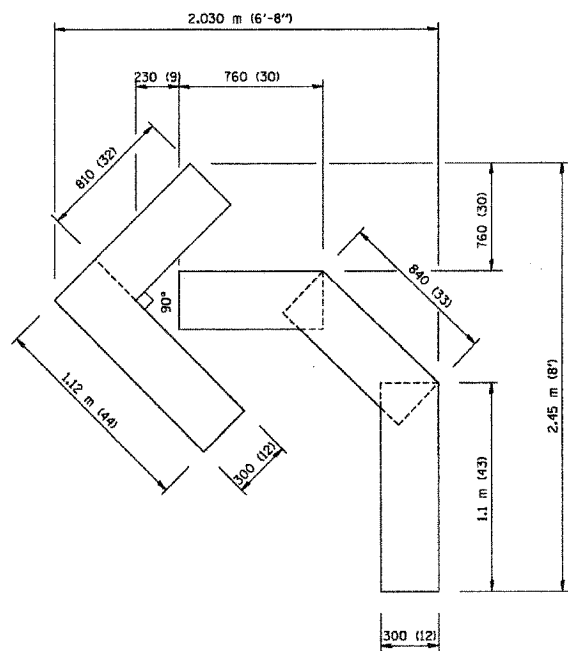
83858



QUANTITY
 100 (4) LINE = 19.7 m (64.1 ft.)
 1.97 sq. m (21.1 sq. ft.)



QUANTITY
 100 (4) LINE = 25.3 m (82.5 ft.)
 2.53 sq. m (27.5 sq. ft.)



QUANTITY
 100 (4) LINE = 13.9 m (45.5 ft.)
 1.39 sq. m (15.2 sq. ft.)

All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
 LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

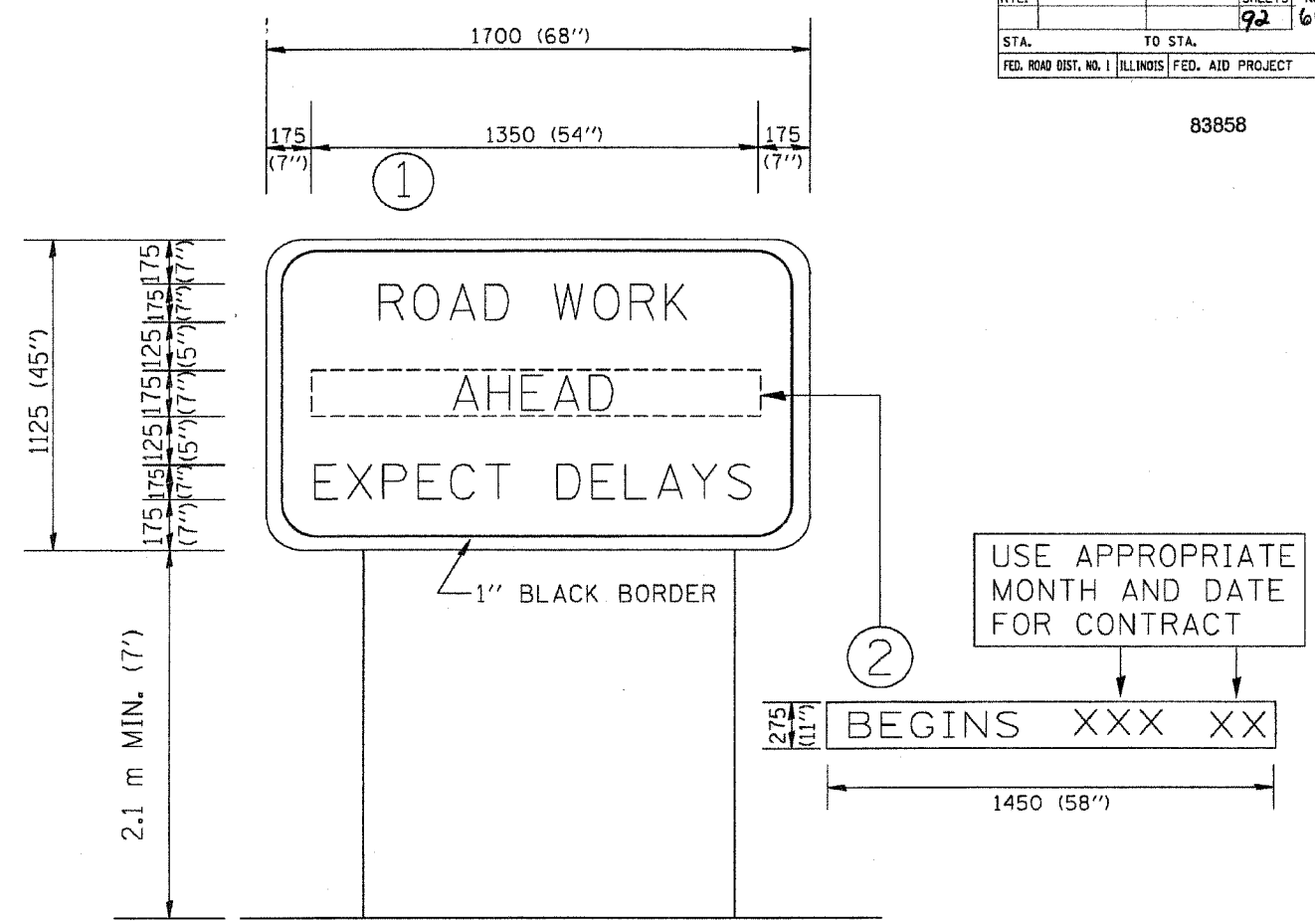
REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

SCALE: NONE
 DATE 10/18/2002

DRAWN BY CADD
 CHECKED BY TC-16

REVISION DATE: 08/28/00

83858



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 2.3 SQ. M. (25.70 SQ. FT.)

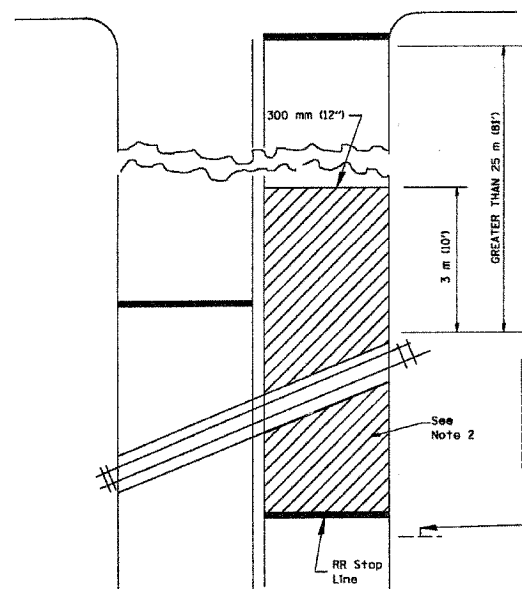
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
R. MIRS	9-15-97	TEMPORARY INFORMATION SIGNING
R. MIRS	2-11-97	
T. RAMMACHER	2-2-99	

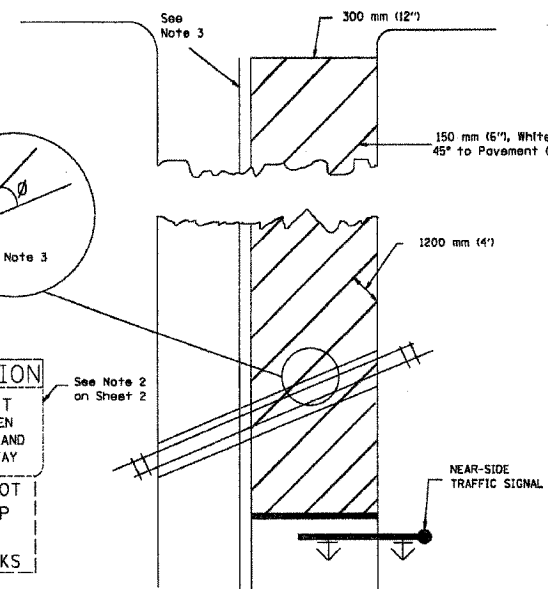
SCALE: DATE 10/18/2002 DRAWN BY: BUR. OF DESIGN CHECKED BY:

TC22 REVISION DATE: 02/02/99

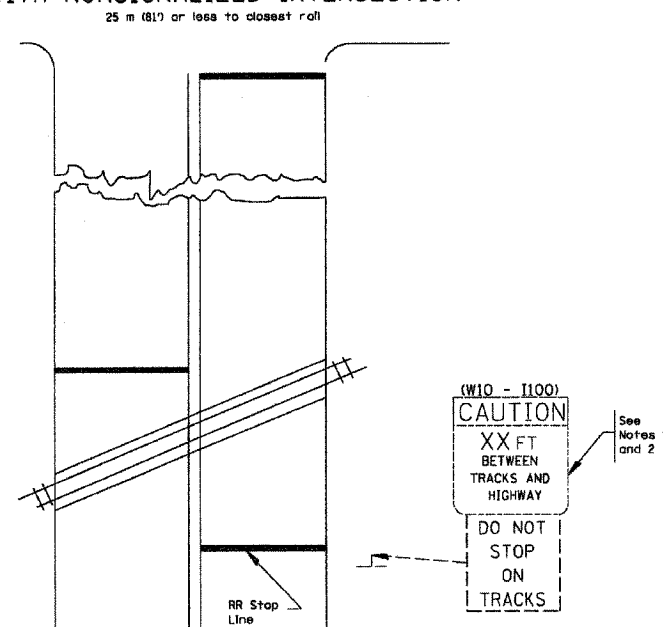
WITH INTERSECTION TRAFFIC SIGNALS



WITH NEAR-SIDE TRAFFIC SIGNALS



WITH NONSIGNALIZED INTERSECTION



- NOTES:
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED, THE PAVEMENT MARKINGS EXTENDS TO THE INTERSECTION.
 - WHERE THE ANGLE BETWEEN THE DIAGONAL STRIPES AND THE TRACK (θ) WOULD BE LESS THAN APPROXIMATELY 20°, THE STRIPES SHOULD BE SLOPED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

- NOTE 1:
- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 1.8 m (6 FEET) FROM THE RAIL CLOSEST TO THE INTERSECTION TO THE STOP LINE OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 1.5 m (5 FEET). WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE THE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
 - THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6-FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

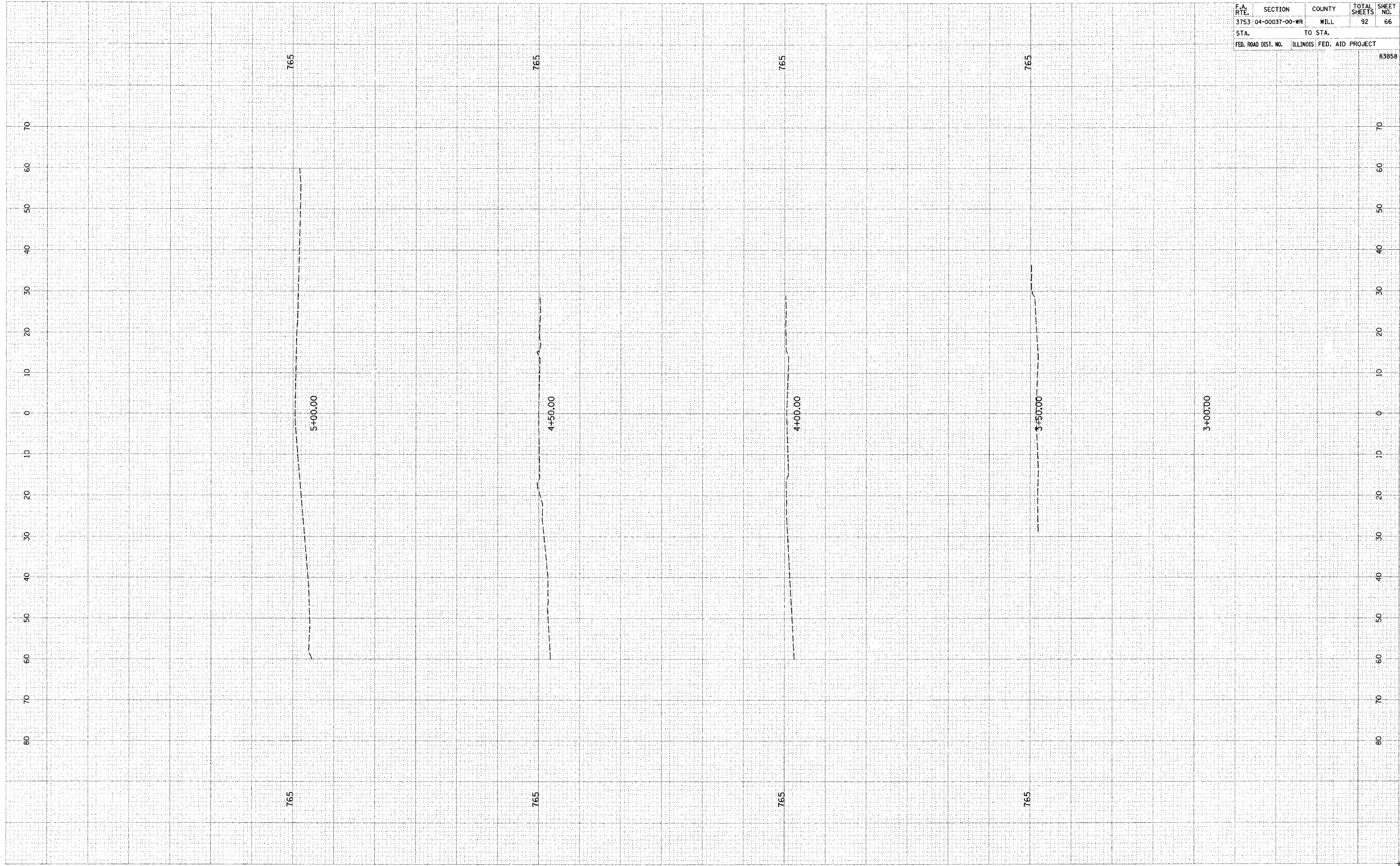
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

10/18/2002
DRAWN BY:
CHECKED BY:

TC23
REVISION DATE:

ORIGINAL SURVEY
 CHECKED _____
 SURVEY PLOTTED _____
 NOTE BOOK TEMPLATE _____
 NO. _____ AREAS CHECKED _____
 BY _____ DATE _____

ORIGINAL SURVEY
 CHECKED _____
 SURVEY PLOTTED _____
 NOTE BOOK TEMPLATE _____
 NO. _____ AREAS CHECKED _____
 BY _____ DATE _____

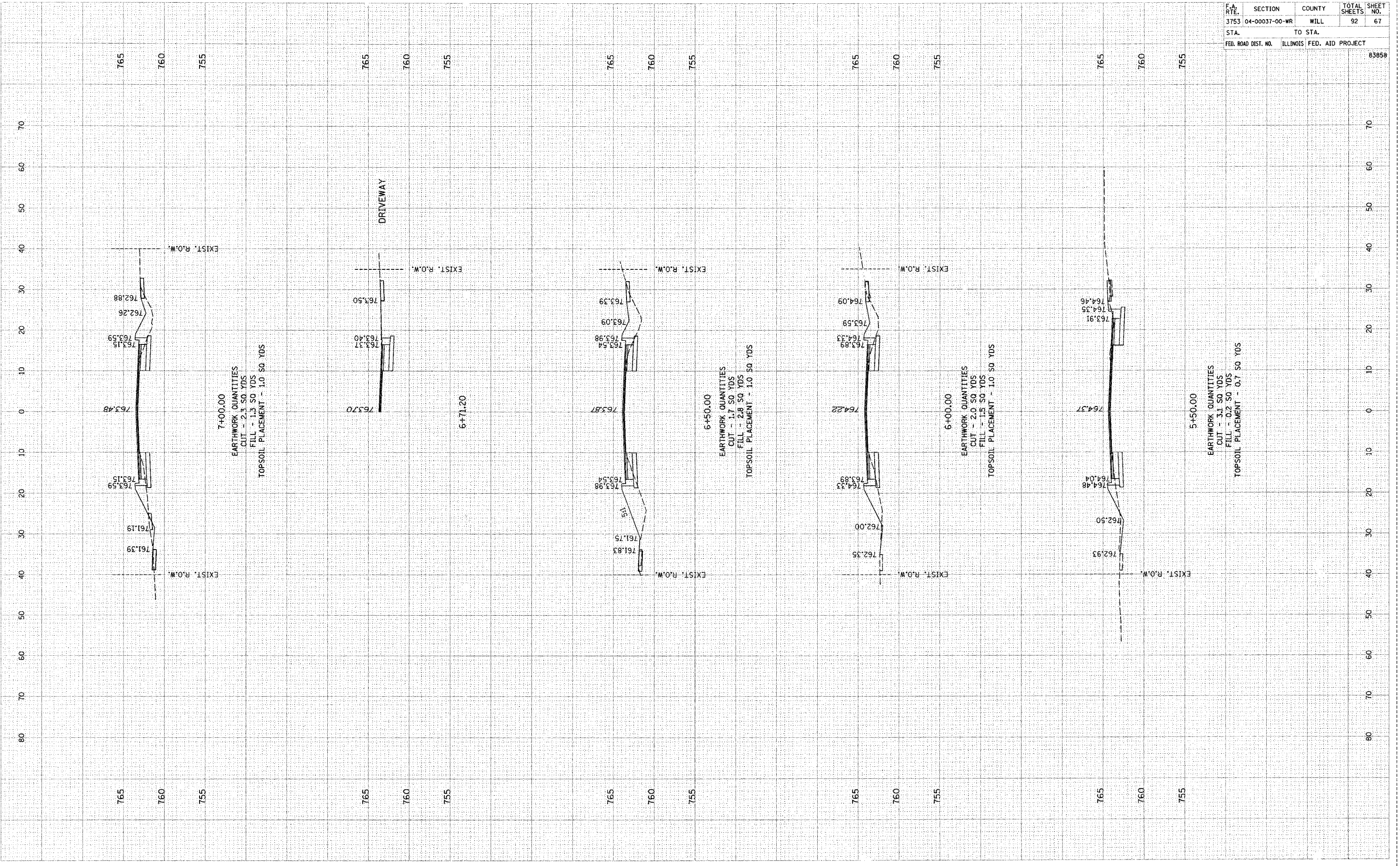


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
				83858

FINAL SURVEY SURVEYED SURVEYED SURVEYED
 NOTE BOOK TEMPLATE AREAS CHECKED
 NO. _____ BY _____ DATE _____

ORIGINAL SURVEY SURVEYED SURVEYED SURVEYED
 NOTE BOOK TEMPLATE AREAS CHECKED
 NO. _____ BY _____ DATE _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		83858



7+00.00
 EARTHWORK QUANTITIES
 CUT - 2.3 SQ YDS
 FILL - 1.3 SQ YDS
 TOPSOIL PLACEMENT - 1.0 SQ YDS

6+50.00

6+50.00
 EARTHWORK QUANTITIES
 CUT - 1.7 SQ YDS
 FILL - 2.8 SQ YDS
 TOPSOIL PLACEMENT - 1.0 SQ YDS

6+00.00
 EARTHWORK QUANTITIES
 CUT - 2.0 SQ YDS
 FILL - 1.5 SQ YDS
 TOPSOIL PLACEMENT - 1.0 SQ YDS

5+50.00
 EARTHWORK QUANTITIES
 CUT - 3.1 SQ YDS
 FILL - 0.2 SQ YDS
 TOPSOIL PLACEMENT - 0.7 SQ YDS

DRIVEWAY

FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED

BY: _____ DATE: _____

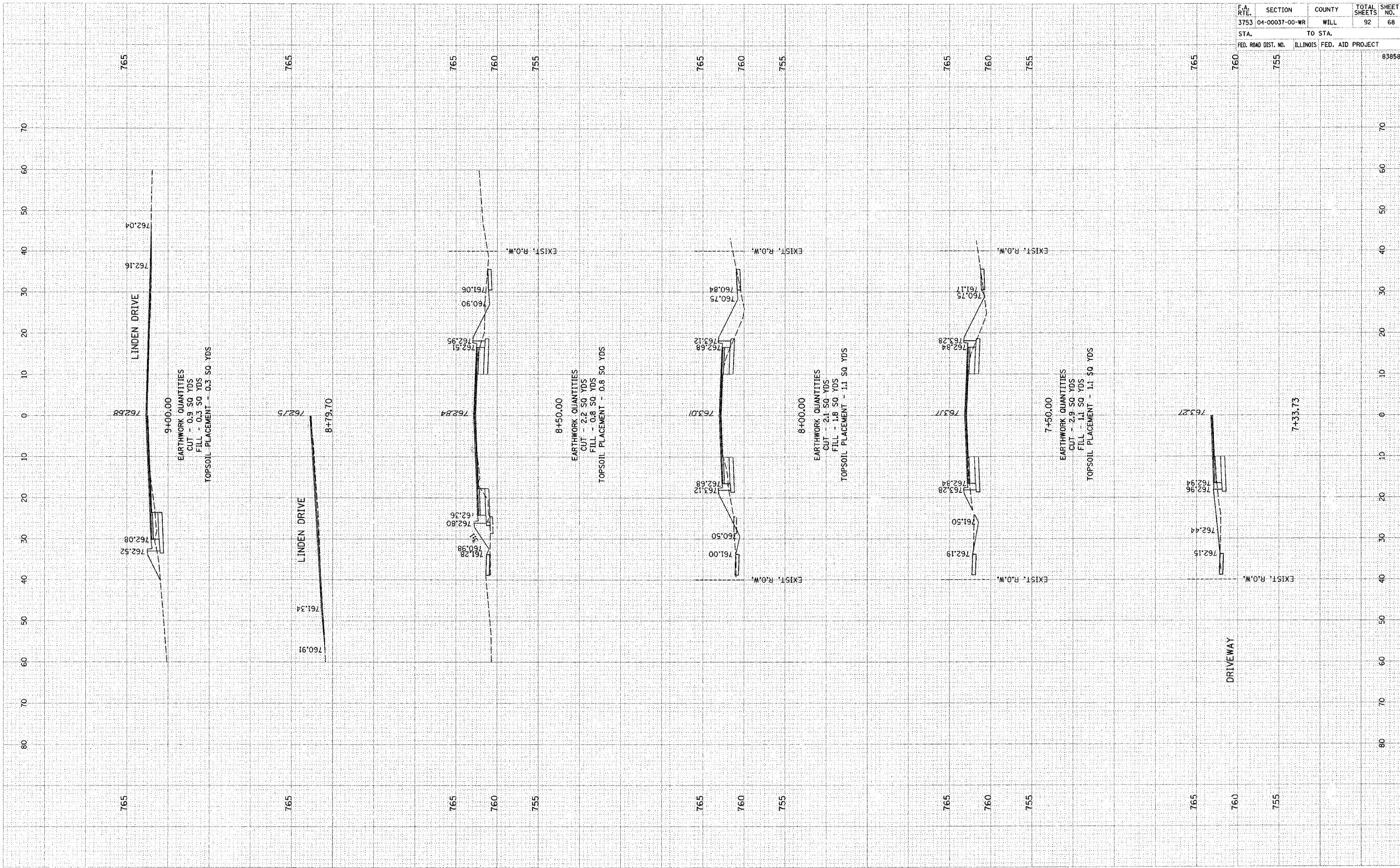
NO. _____

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED

BY: _____ DATE: _____

NO. _____

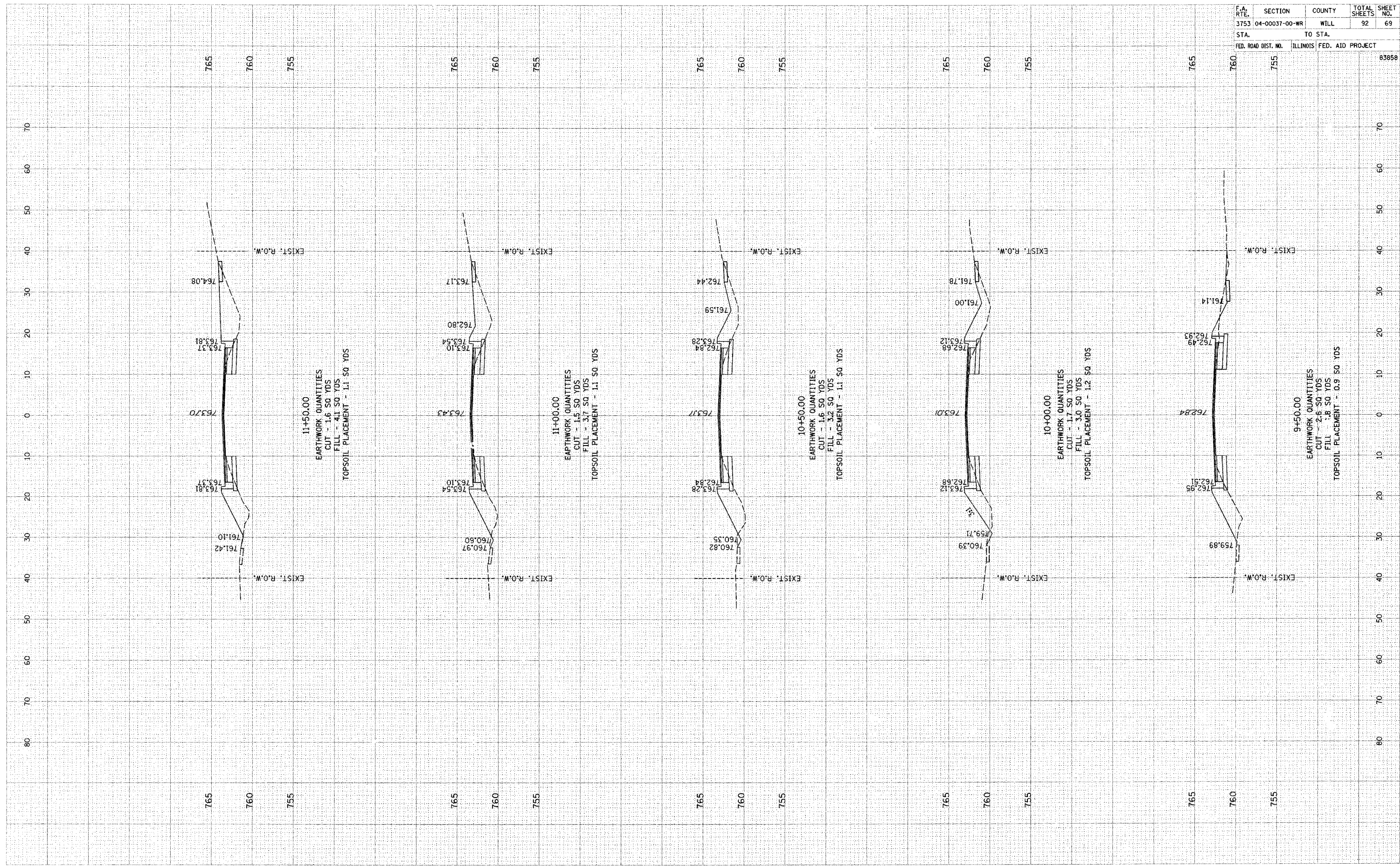
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3753	04-00037-00-WR	WILL	92	68
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
760 755		83858		



FINAL SURVEY NOTE BOOK NO. _____
 CHECKED BY DATE _____
 PLOTTED AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. _____
 CHECKED BY DATE _____
 PLOTTED AREAS CHECKED

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	69
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			83858	



FINAL SURVEY
 SURVEYED BY: _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED

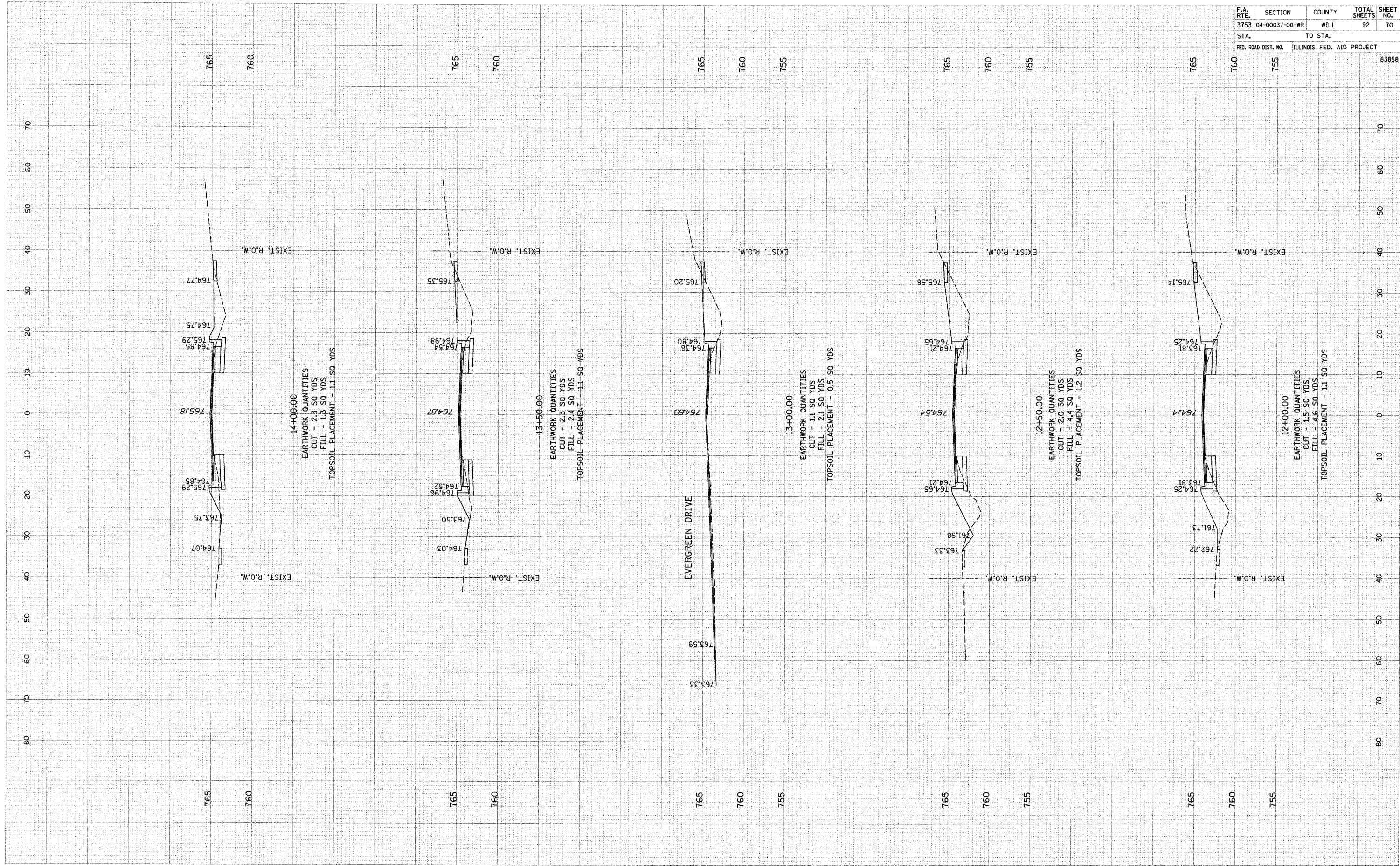
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 SURVEYED BY: _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED

DATE

DATE

BY

BY

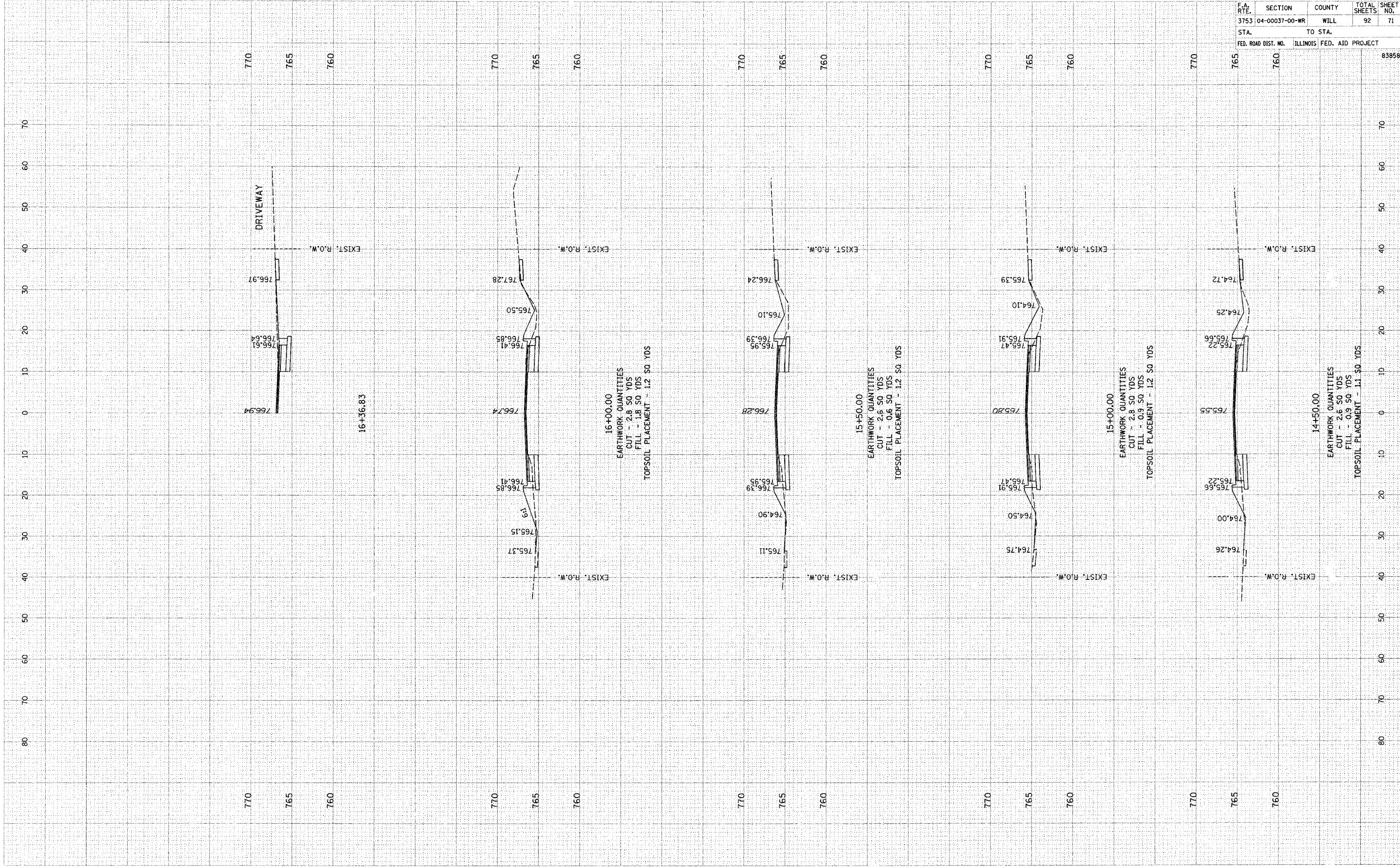


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	70
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	83858	
760	755			

FINAL SURVEY SURVIVED PLOTTED NOTE BOOK NO. BY DATE

ORIGINAL SURVEY SURVIVED PLOTTED NOTE BOOK NO. BY DATE

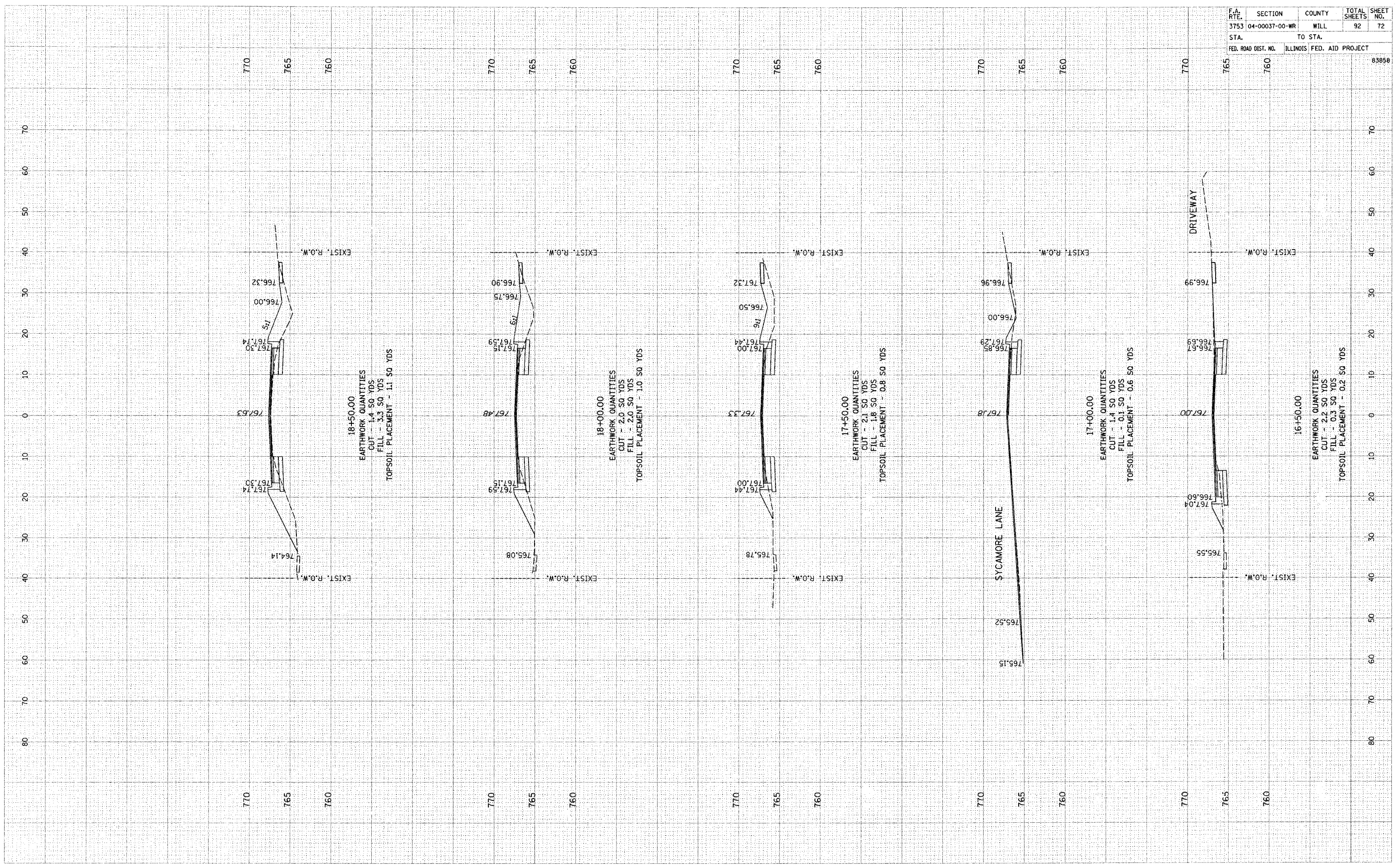
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3753	04-00037-00-WR	WILL	92	71
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



FINAL SURVEY NOTE BOOK NO. SUPERVISED PLOTTED TEMPLATE AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK NO. SUPERVISED PLOTTED TEMPLATE AREAS CHECKED BY DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	72
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
				83858

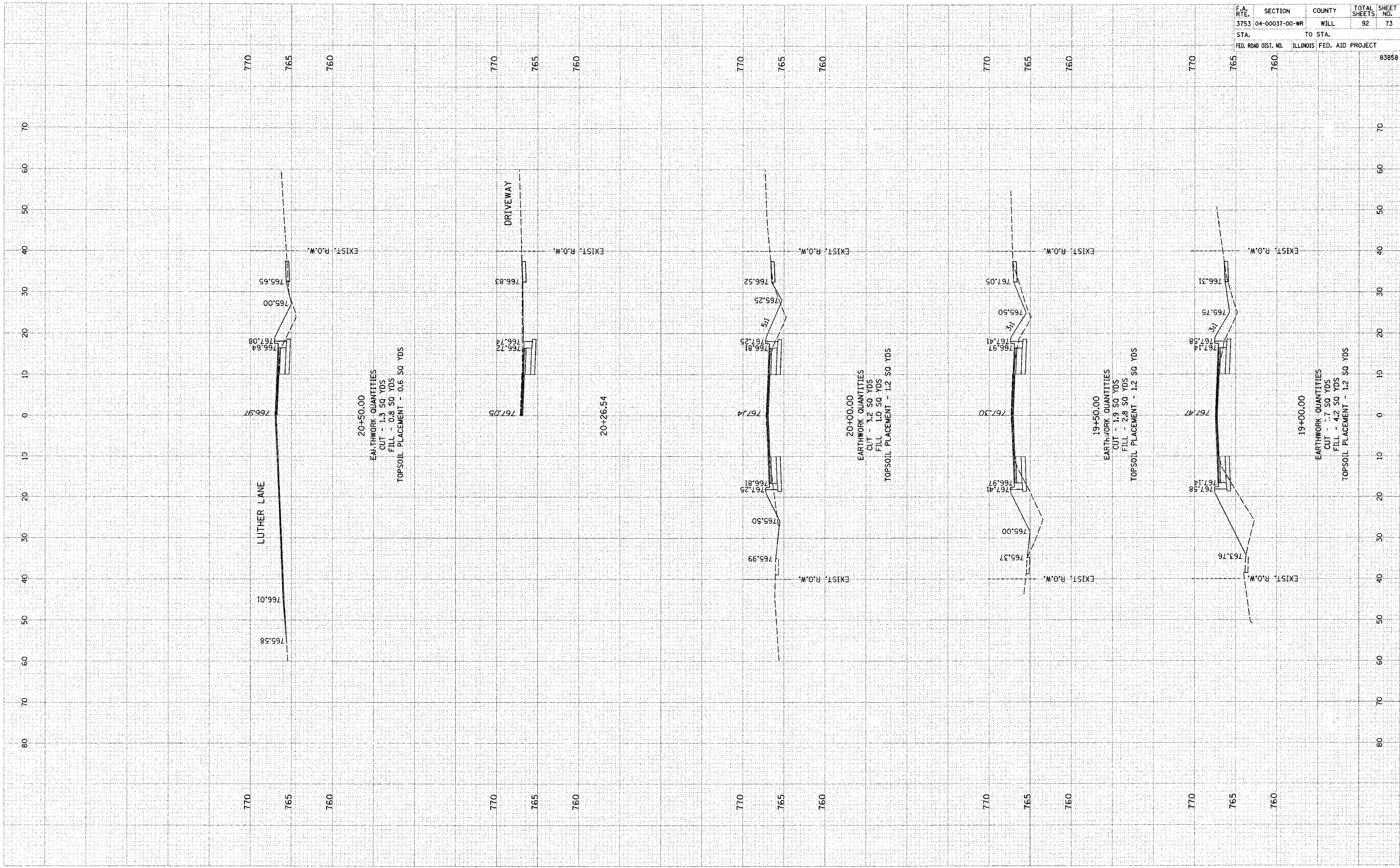


FINAL SURVEY
 NOTE BOOK
 NO. _____
 CHECKED BY
 PLOTTED
 TEMPLATE
 AREAS CHECKED

ORIGINAL SURVEY
 NOTE BOOK
 NO. _____
 CHECKED BY
 PLOTTED
 TEMPLATE
 AREAS CHECKED

DATE _____

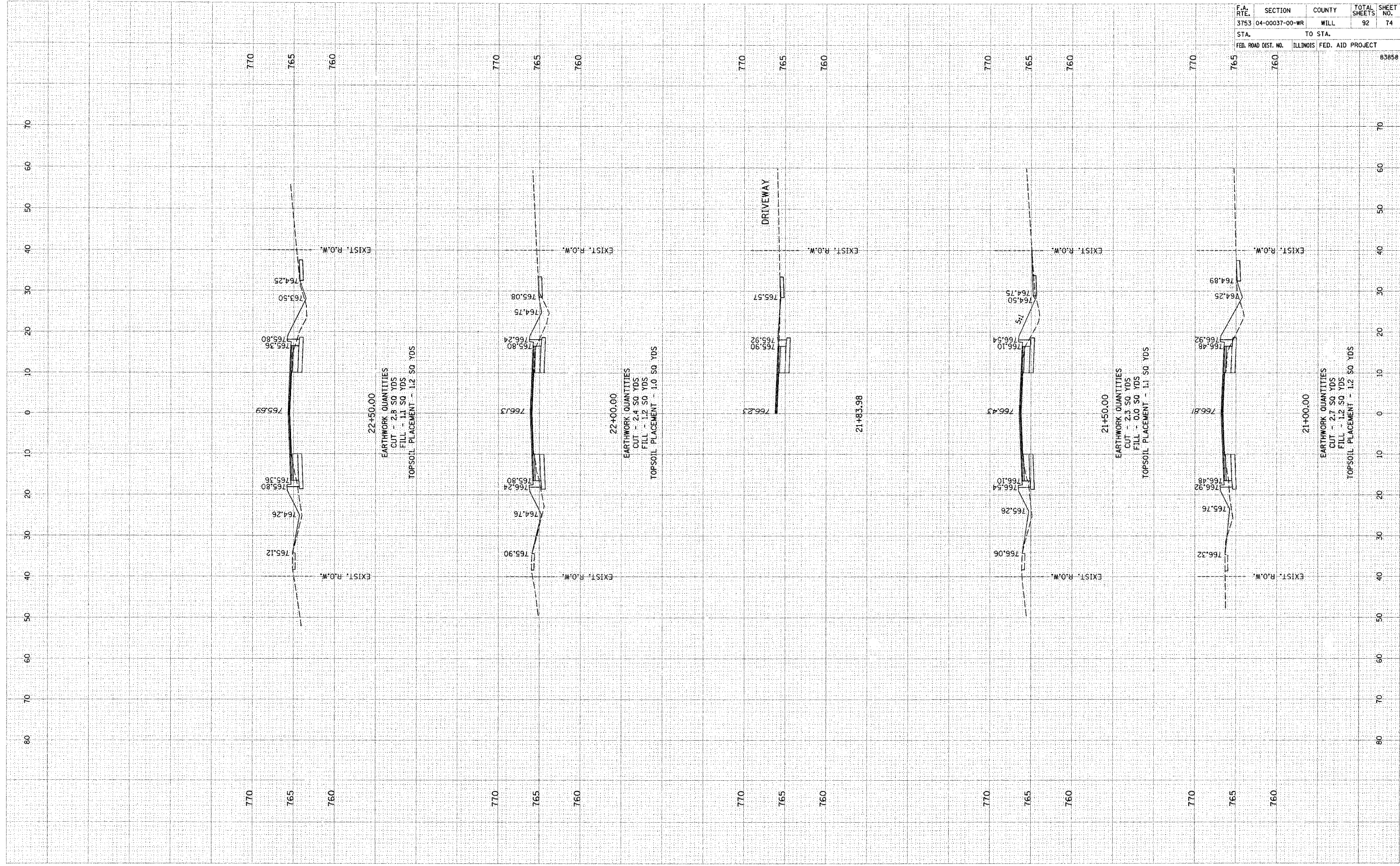
DATE _____



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	73
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	83858

FINAL SURVEY
 SHEETED
 NOTE BOOK
 NO. _____
 BY _____
 DATE _____
 AREAS CHECKED

ORIGINAL SURVEY
 SHEETED
 NOTE BOOK
 NO. _____
 BY _____
 DATE _____
 AREAS CHECKED



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	74
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	
		83858		

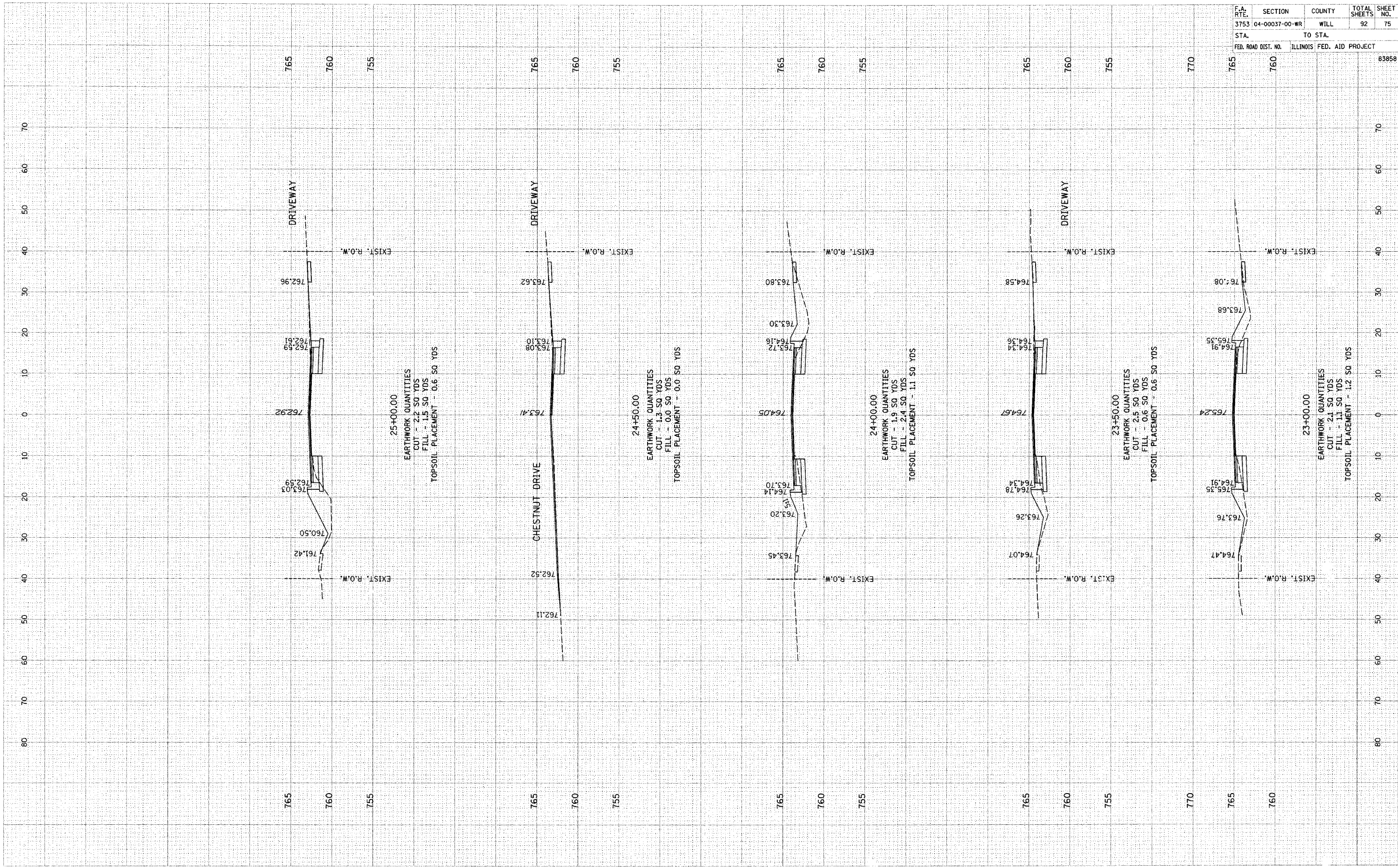
FINAL SURVEYED SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

ORIGINAL SURVEYED SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

BY _____ DATE _____

BY _____ DATE _____

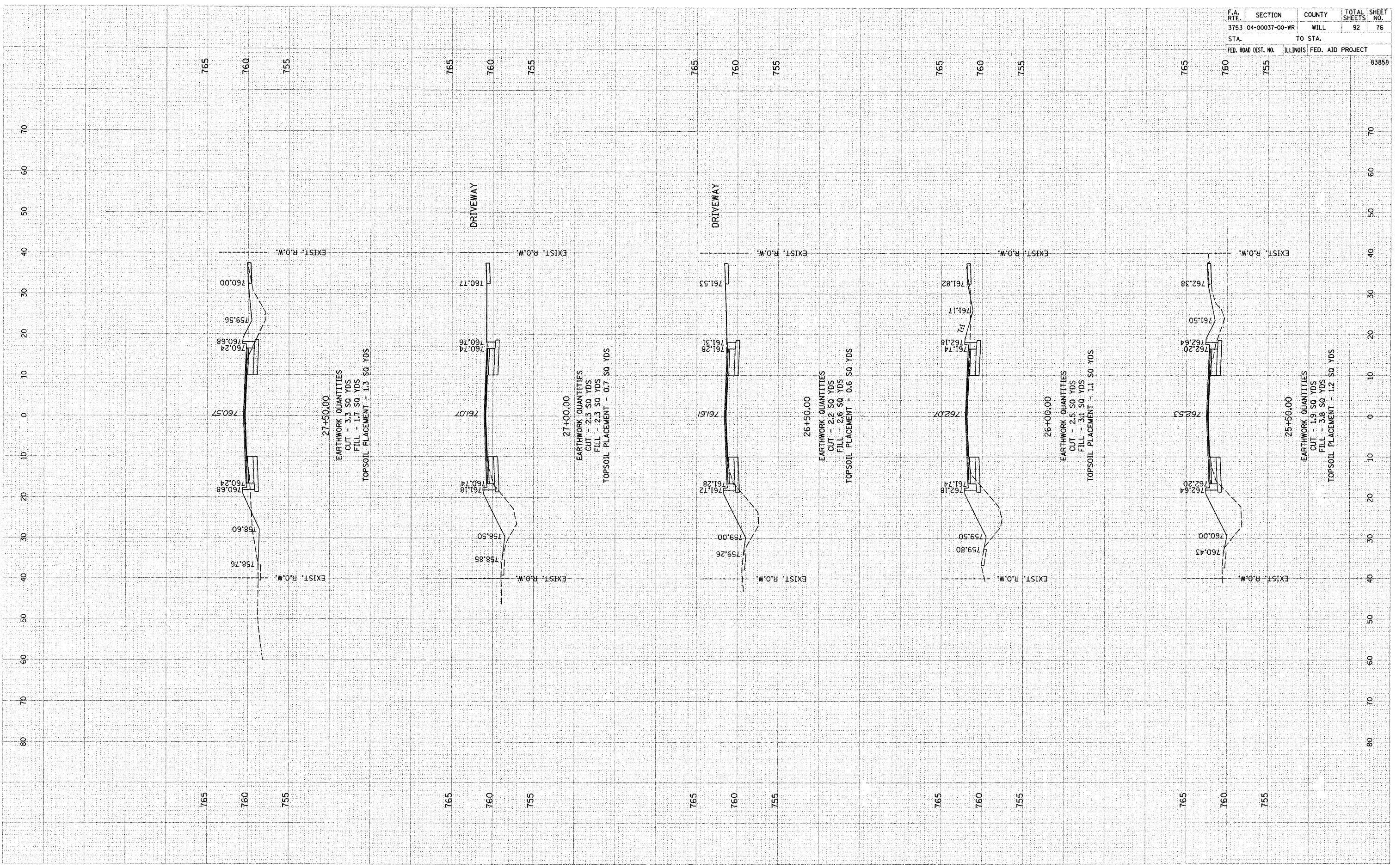
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3753	04-00037-00-WR	WILL	92	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
	760			83858



FINISH SURVEYED SURVEY PLOTTED SURVEY PLOTTED
 SURVEY PLOTTED SURVEY PLOTTED
 NOTE BOOK NO. AREAS CHECKED AREAS CHECKED
 BY DATE

ORIGINAL SURVEYED SURVEY PLOTTED SURVEY PLOTTED
 SURVEY PLOTTED SURVEY PLOTTED
 NOTE BOOK NO. AREAS CHECKED AREAS CHECKED
 BY DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	76
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	83858	

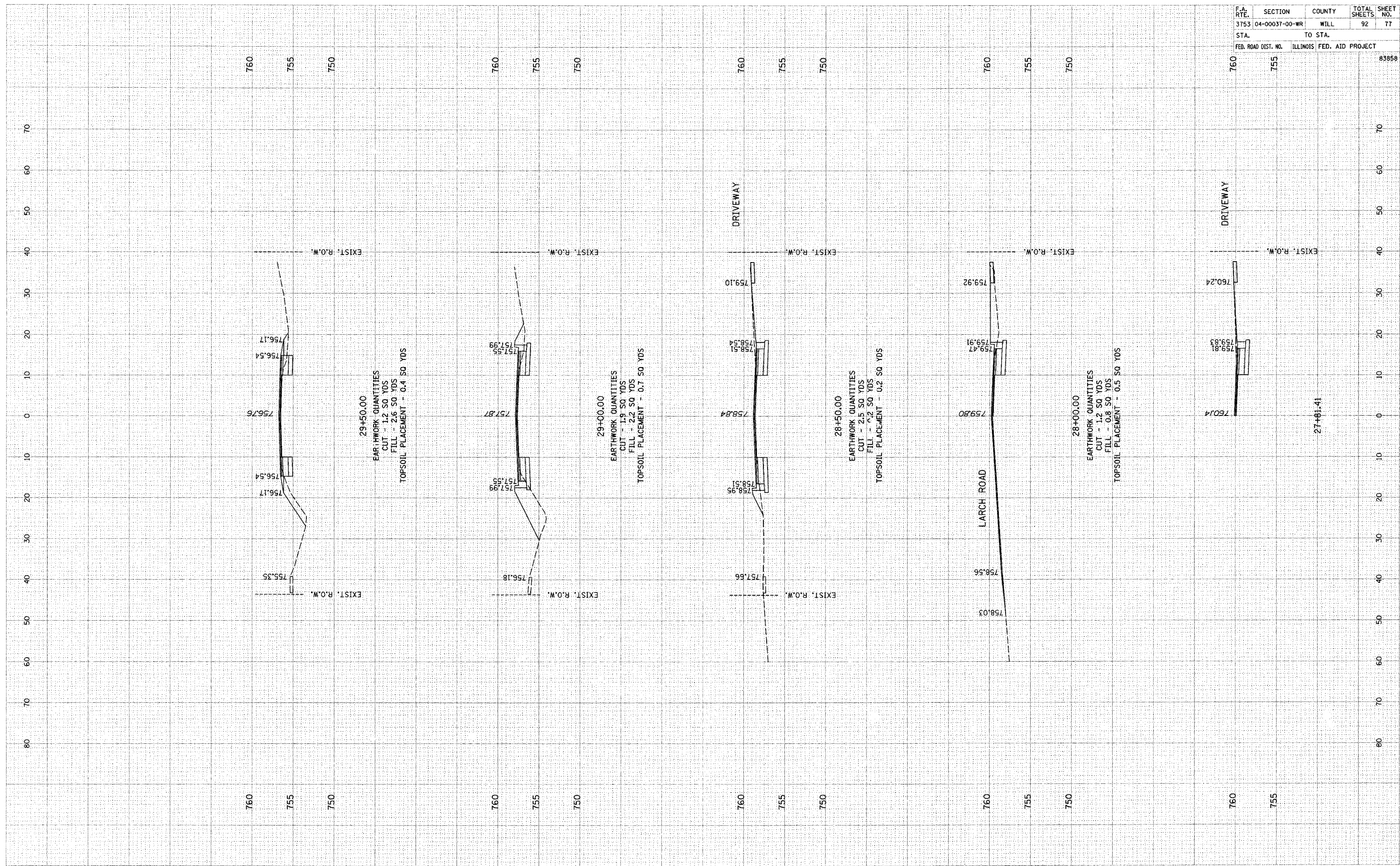


ORIGINAL SURVEY NOTE BOOK NO. _____
 EXCLUDED PLOTTED AREAS CHECKED

FINAL SURVEY NOTE BOOK NO. _____
 EXCLUDED PLOTTED AREAS CHECKED

BY _____

DATE _____

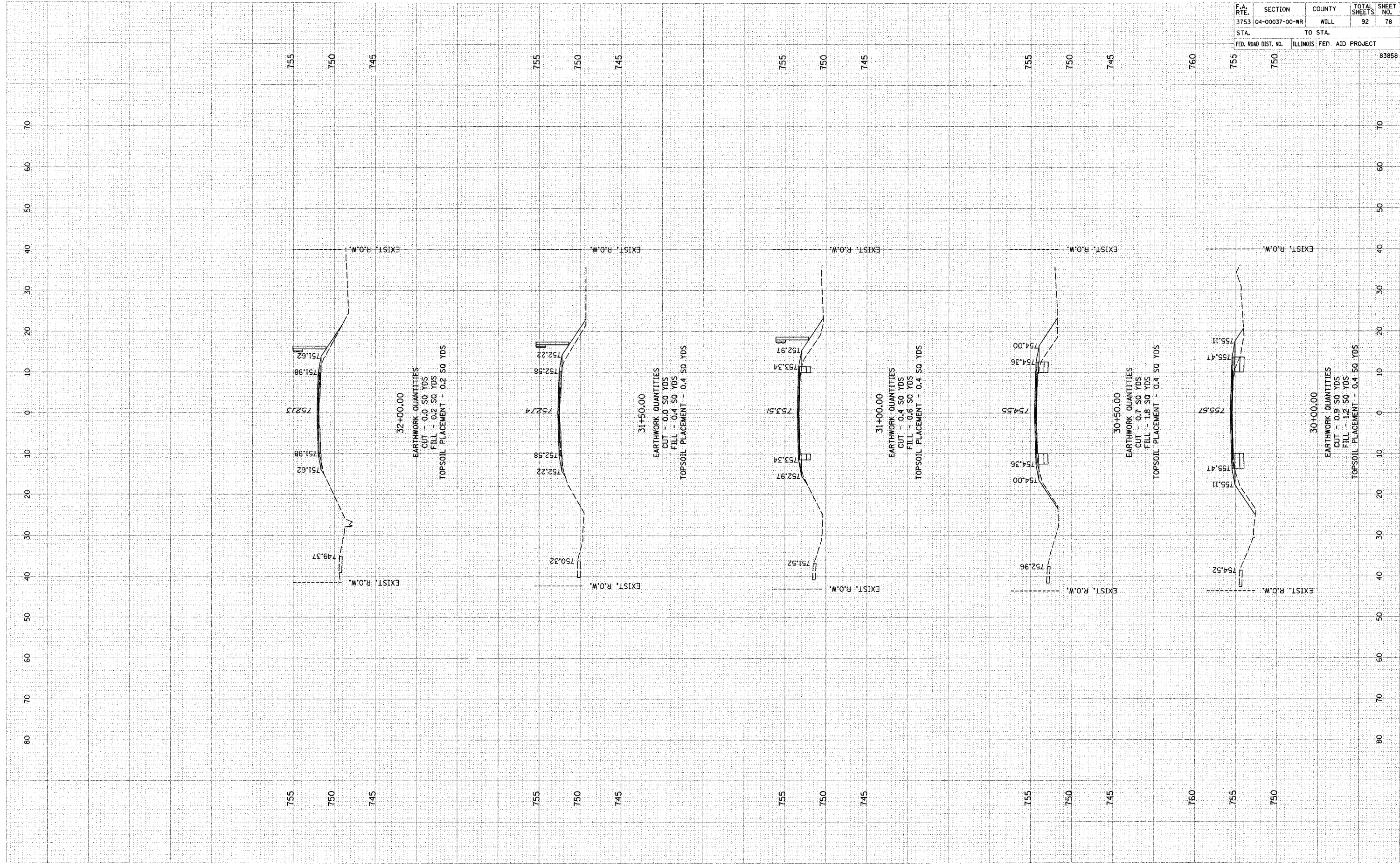


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	77
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			83858	

FINAL SURVEY NOTE BOOK NO. _____
 CHECKED BY _____
 DATE _____

ORIGINAL SURVEY NOTE BOOK NO. _____
 CHECKED BY _____
 DATE _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
				83858

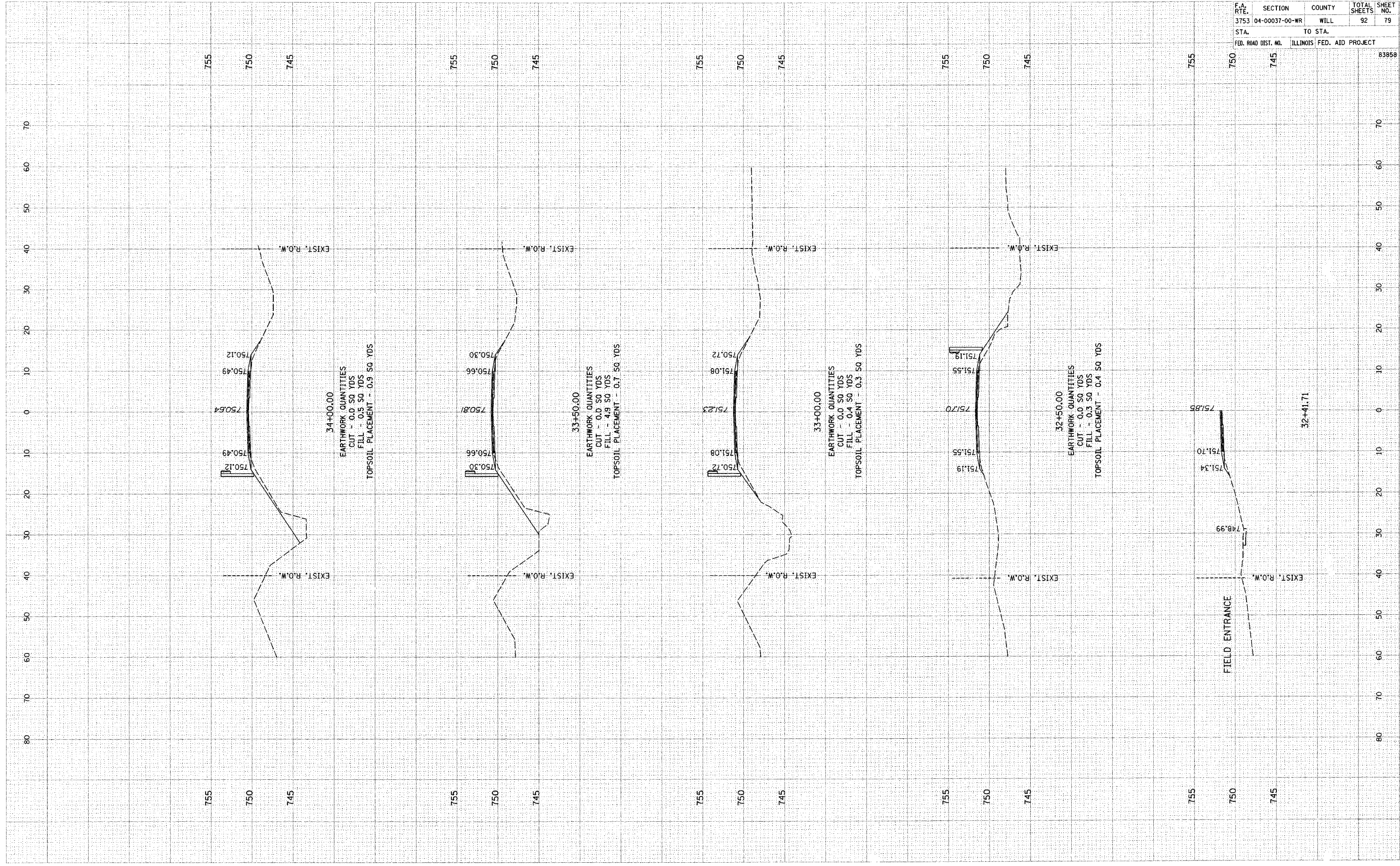


FINAL SURVEY NOTE BOOK NO. _____
 CHECKED BY _____
 PLOTTED BY _____
 TEMPLATE NO. _____
 AREAS CHECKED _____

ORIGINAL SURVEY NOTE BOOK NO. _____
 CHECKED BY _____
 PLOTTED BY _____
 TEMPLATE NO. _____
 AREAS CHECKED _____

BY _____

DATE _____



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	79
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

83858

70

60

50

40

30

20

10

0

10

20

30

40

50

60

70

80

755

750

745

755

750

745

755

750

745

755

750

745

755

750

745

755

750

745

755

750

745

755

750

745

755

750

745

755

750

745

34+00.00

EARTHWORK QUANTITIES
 CUT - 0.0 SQ YDS
 FILL - 0.5 SQ YDS

TOPSOIL PLACEMENT - 0.9 SQ YDS

33+50.00

EARTHWORK QUANTITIES
 CUT - 0.0 SQ YDS
 FILL - 4.9 SQ YDS

TOPSOIL PLACEMENT - 0.7 SQ YDS

33+00.00

EARTHWORK QUANTITIES
 CUT - 0.0 SQ YDS
 FILL - 0.3 SQ YDS

TOPSOIL PLACEMENT - 0.3 SQ YDS

32+50.00

EARTHWORK QUANTITIES
 CUT - 0.0 SQ YDS
 FILL - 0.3 SQ YDS

TOPSOIL PLACEMENT - 0.4 SQ YDS

FIELD ENTRANCE

32+41.71

FINL SURVEY SURVEYED PLOTTED
 NOTE BOOK TEMPLATE AREAS CHECKED
 NO.

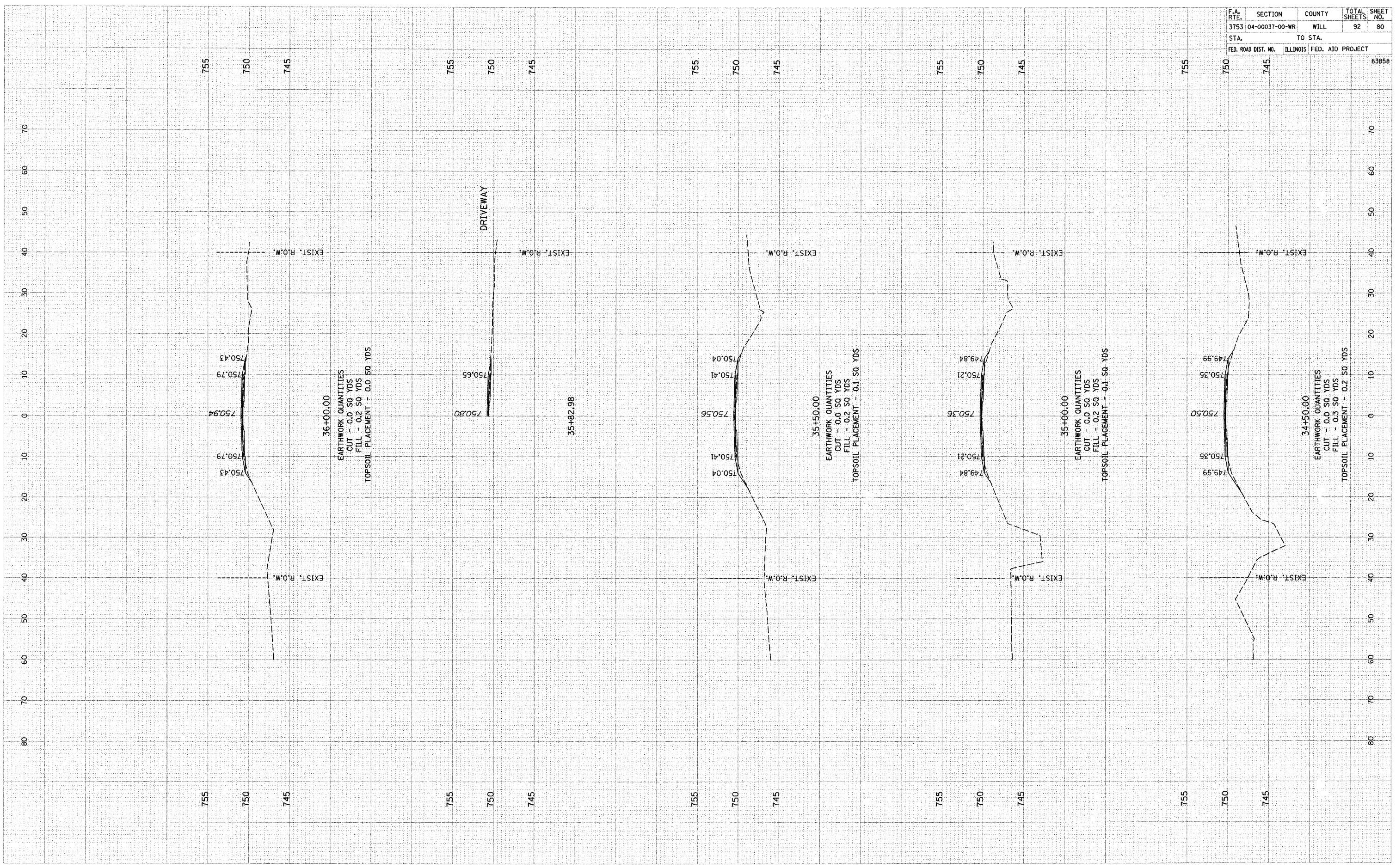
ORIGINAL SURVEY SURVEYED PLOTTED
 NOTE BOOK TEMPLATE AREAS CHECKED
 NO.

BY _____

BY _____

DATE _____

DATE _____

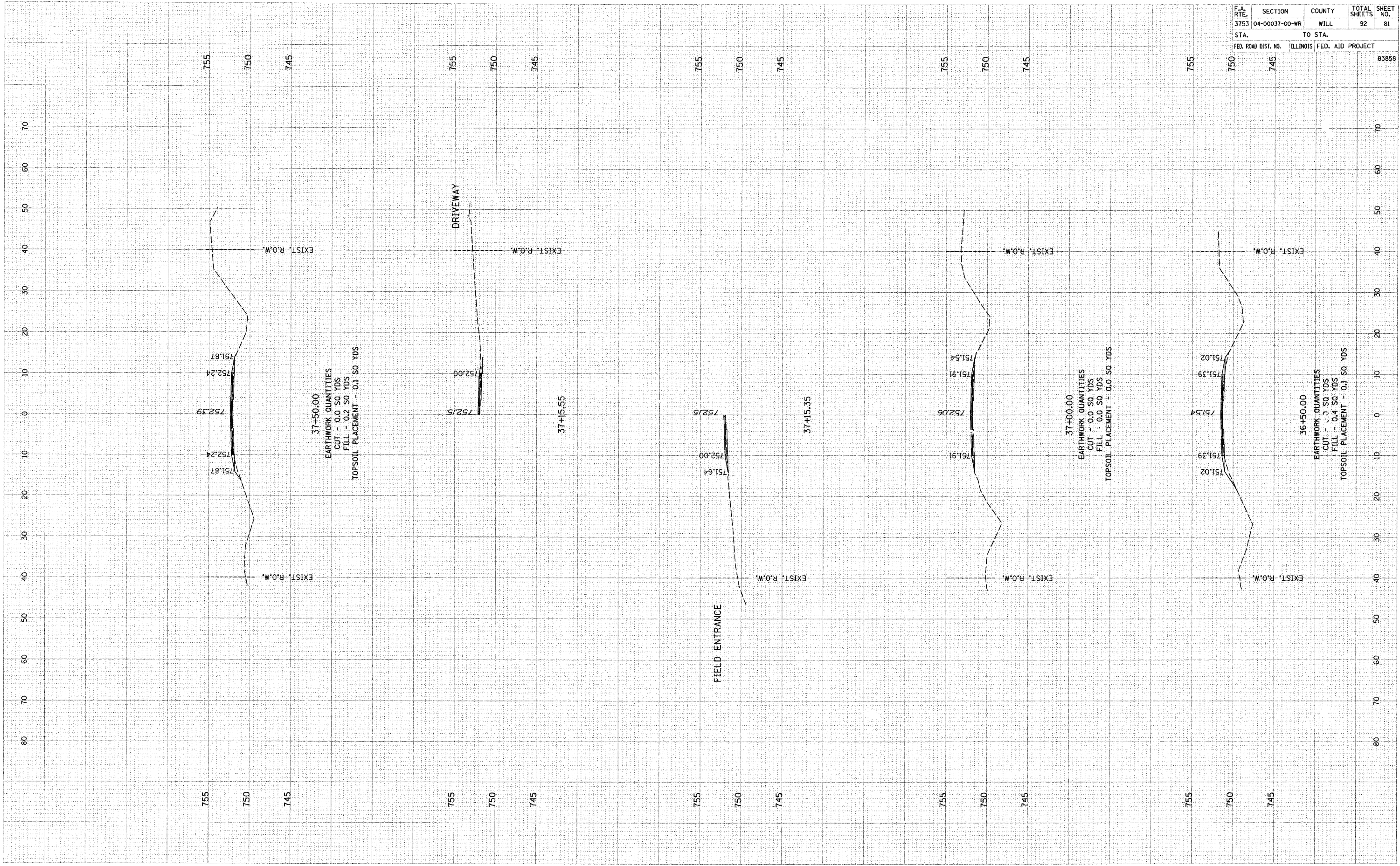


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	80
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				83858

FINAL SURVEY
 CHECKED BY: _____ DATE: _____
 SURVEY NO. _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED

ORIGINAL SURVEY
 CHECKED BY: _____ DATE: _____
 SURVEY NO. _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	81
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		83858		



FINISH SURVEY SURVEYED PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

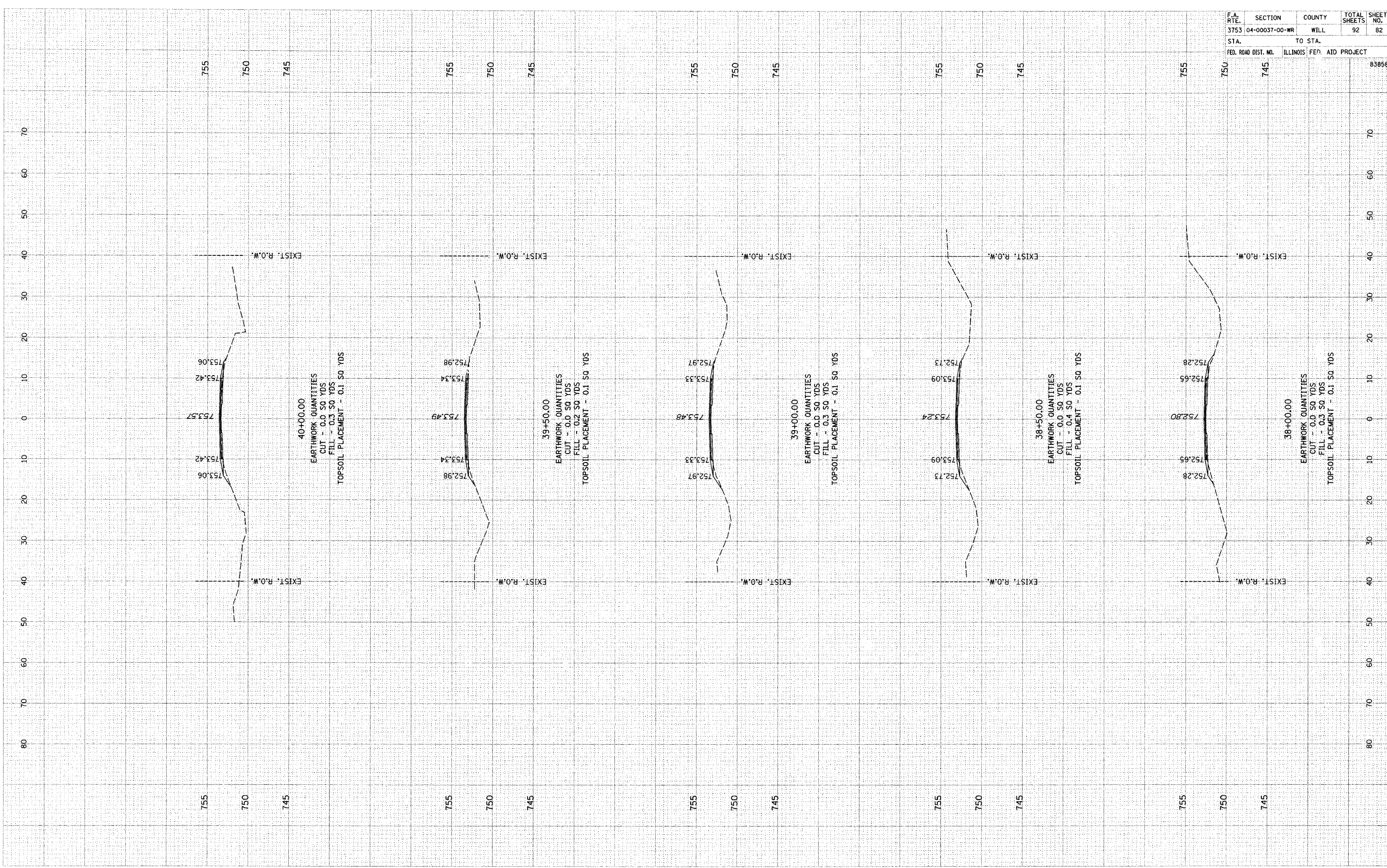
ORIGINAL SURVEY SURVEYED PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

BY _____

BY _____

DATE _____

DATE _____



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	82
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
				83859

FINAL SURVEY
 CHECKED
 PLOTTED
 NOTE BOOK
 TEMPLATE
 AREAS
 CHECKED

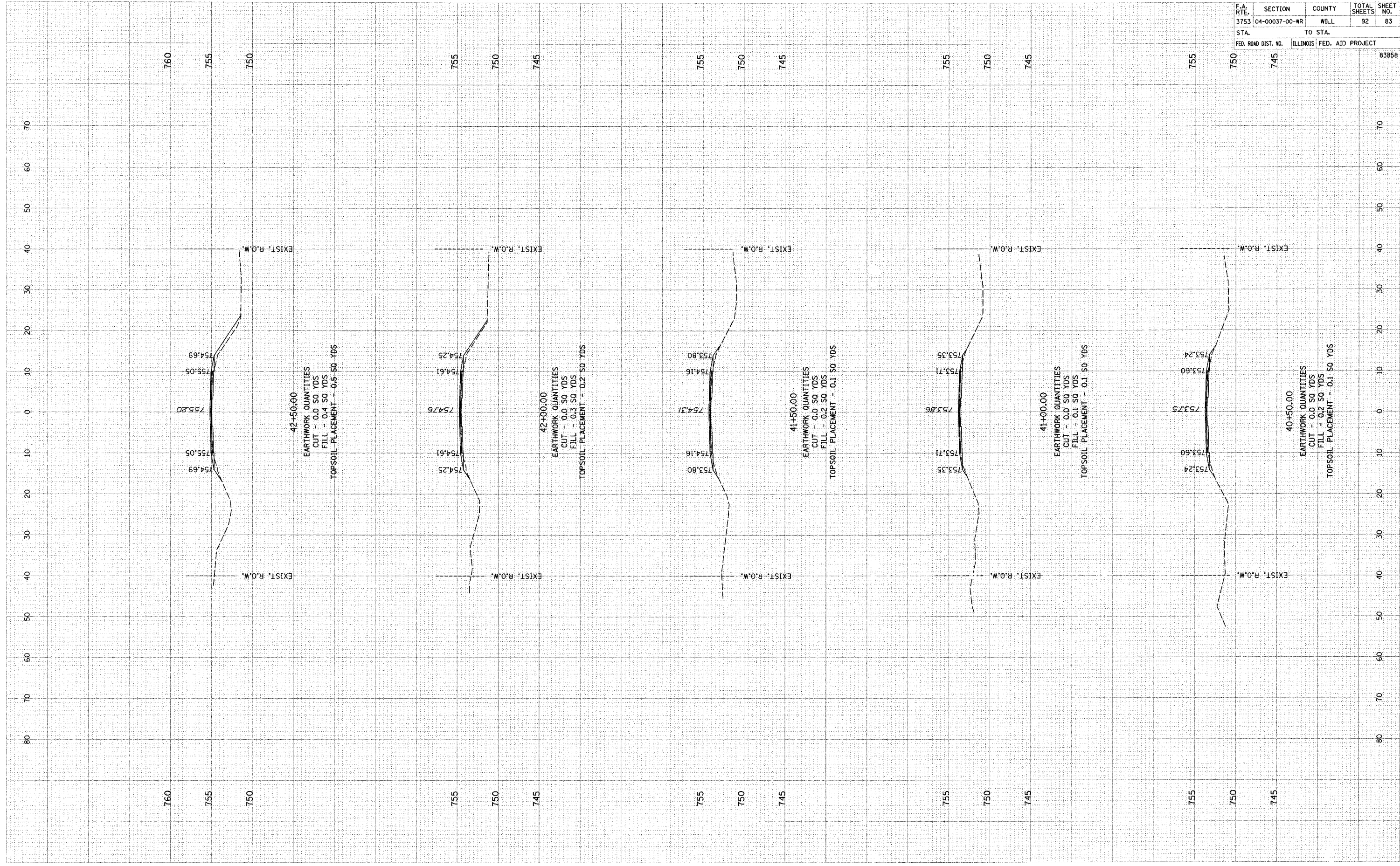
ORIGINAL SURVEY
 CHECKED
 PLOTTED
 NOTE BOOK
 TEMPLATE
 AREAS
 CHECKED

BY

BY

DATE

DATE



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	83
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			83858	

FINAL SURVEY
 SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED
 NO.

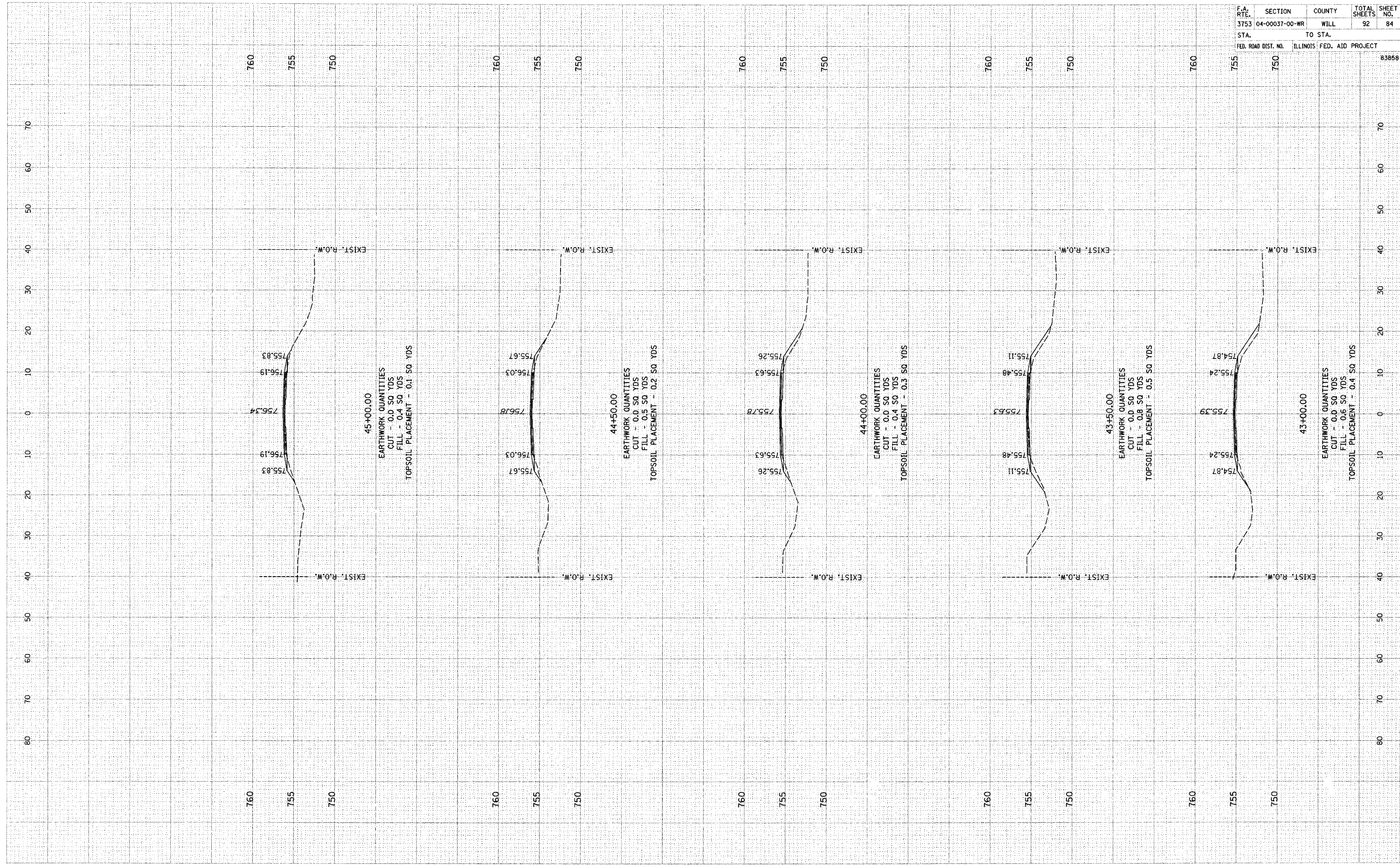
ORIGINAL SURVEY
 SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED
 NO.

BY

BY

DATE

DATE

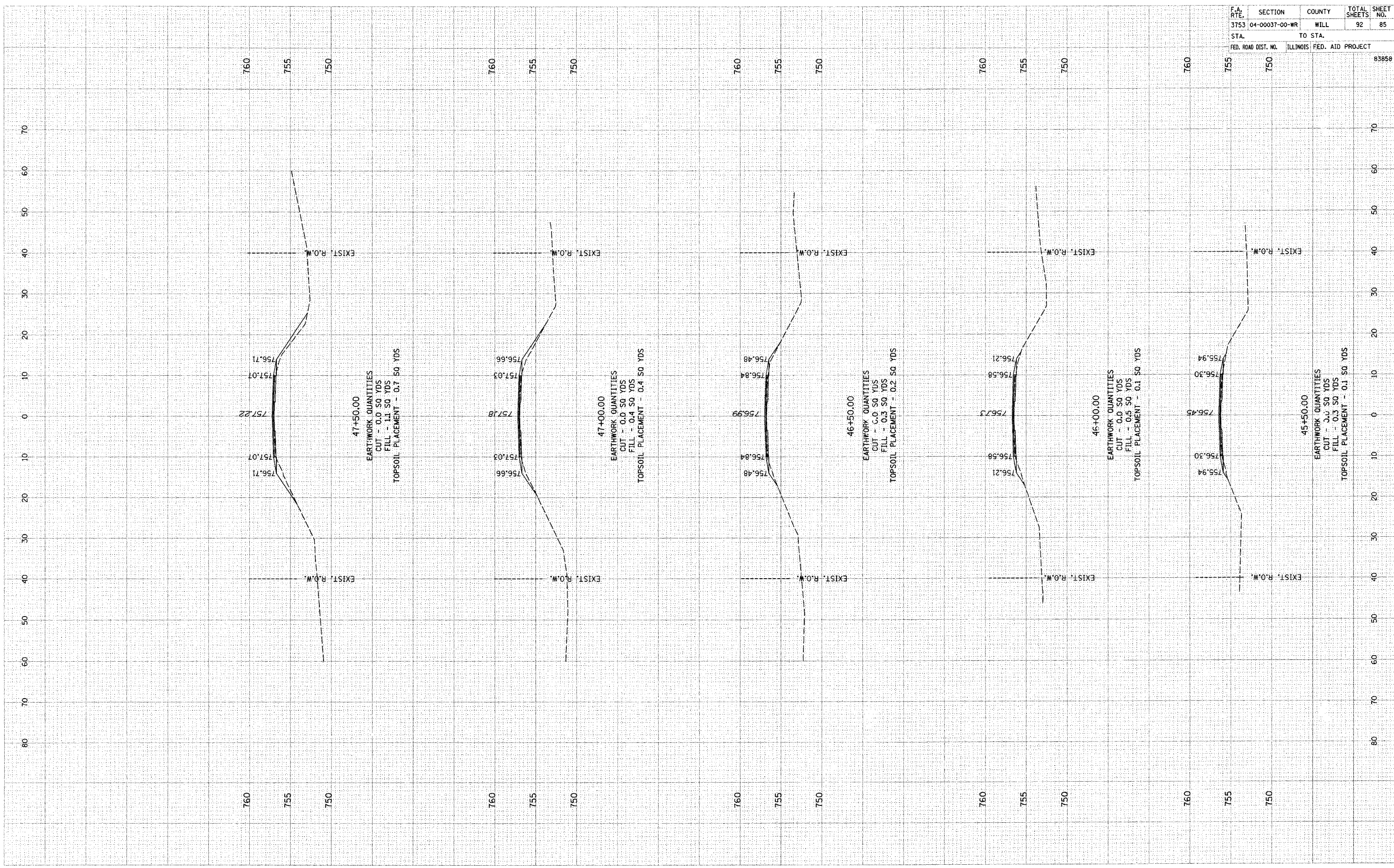


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	84
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
755	750			83858

BY _____ DATE _____
 FINAL SURVEY SURVEYED _____
 NOTE BOOK PLOTTED _____
 NO. AREAS CHECKED _____

BY _____ DATE _____
 ORIGINAL SURVEY SURVEYED _____
 NOTE BOOK PLOTTED _____
 NO. AREAS CHECKED _____

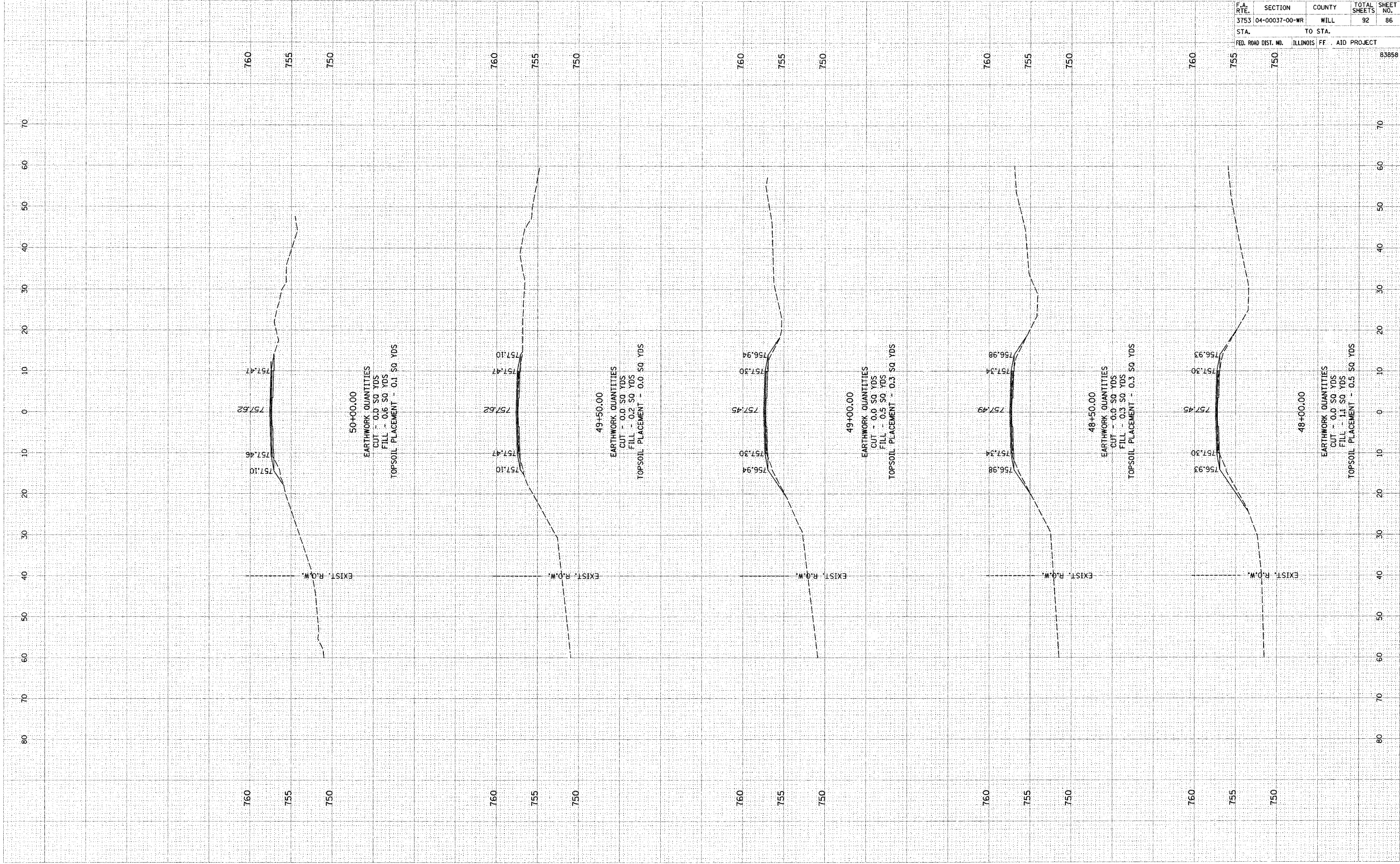
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
				83858



FINAL SURVEY BY DATE
 CHECKED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO. AREAS CHECKED

ORIGINAL SURVEY BY DATE
 CHECKED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO. AREAS CHECKED

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FF. AID PROJECT		



83858

FINAL SURVEY
 NO. _____
 NOTE BOOK
 AREAS CHECKED

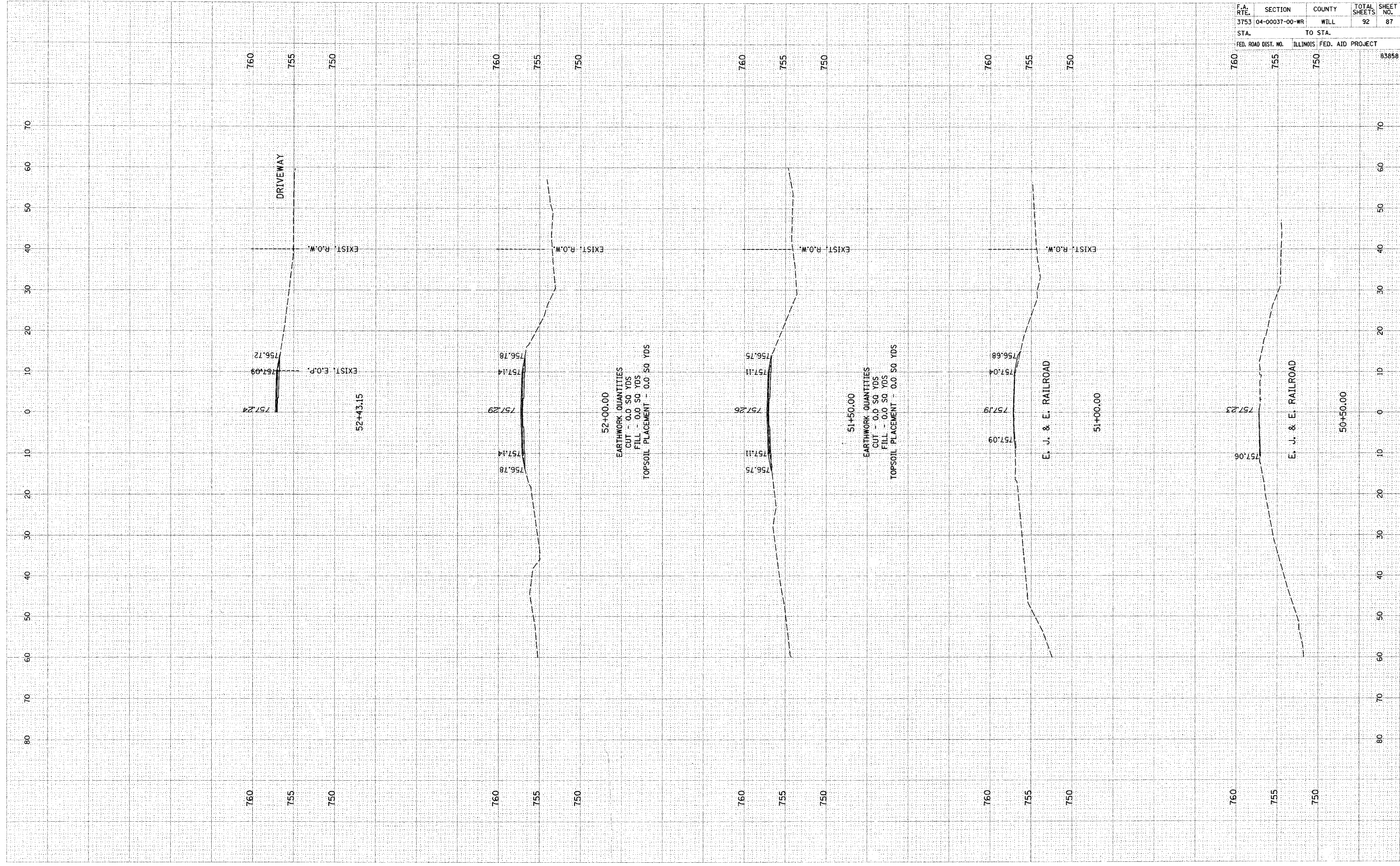
ORIGINAL SURVEY
 NO. _____
 NOTE BOOK
 AREAS CHECKED

DATE

DATE

BY

BY



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	87
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
760	755	750	83858	

FINAL SURVEY
 CHECKED
 NOTE BOOK
 TEMPLATE
 AREAS
 CHECKED

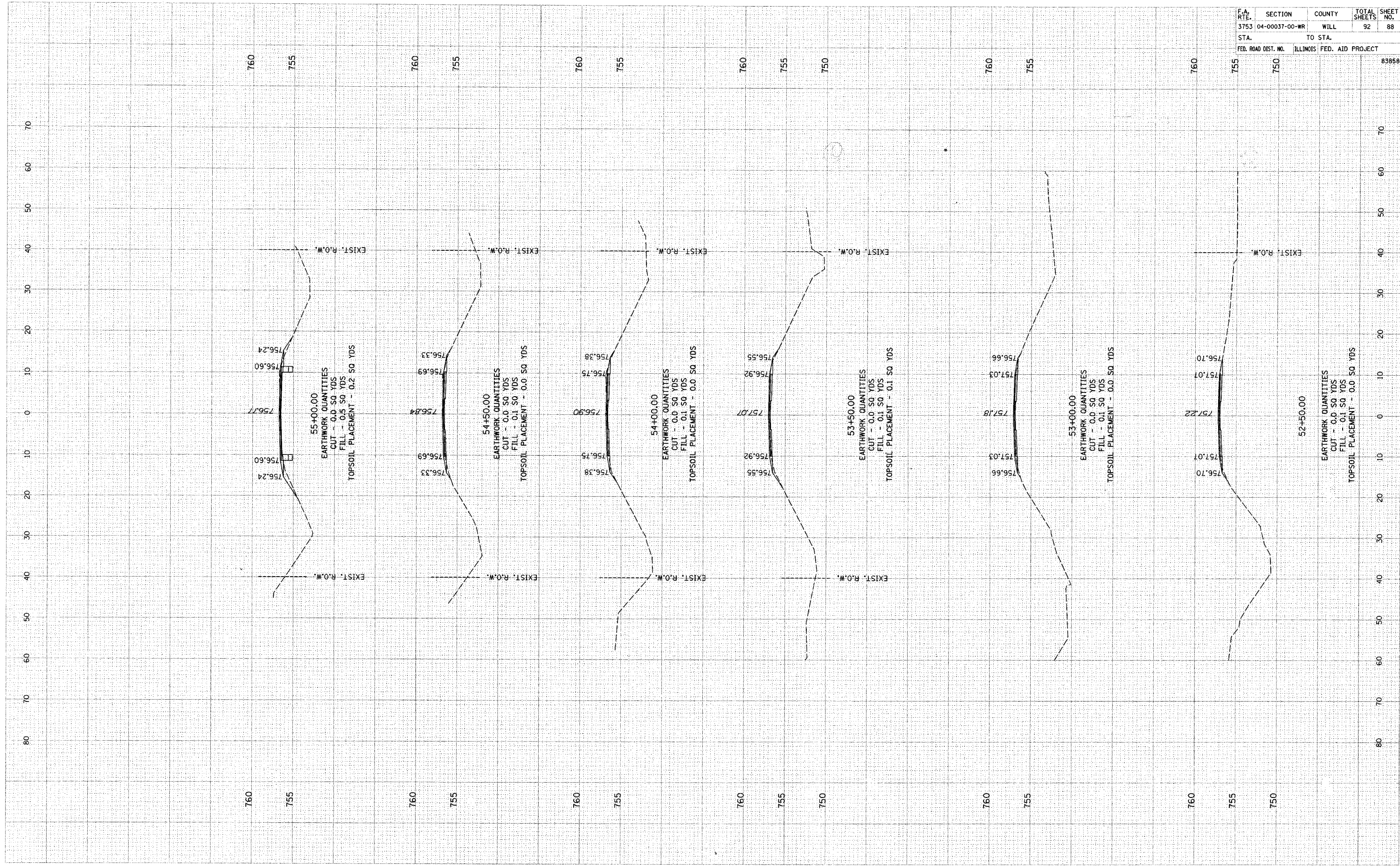
ORIGINAL SURVEY
 CHECKED
 NOTE BOOK
 TEMPLATE
 AREAS
 CHECKED

BY _____

BY _____

DATE _____

DATE _____



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		83858		

FINAL SURVEY NO. _____
 SURVEY NOTE BOOK NO. _____
 CHECKED PLOTTED TEMPLATE AREAS CHECKED

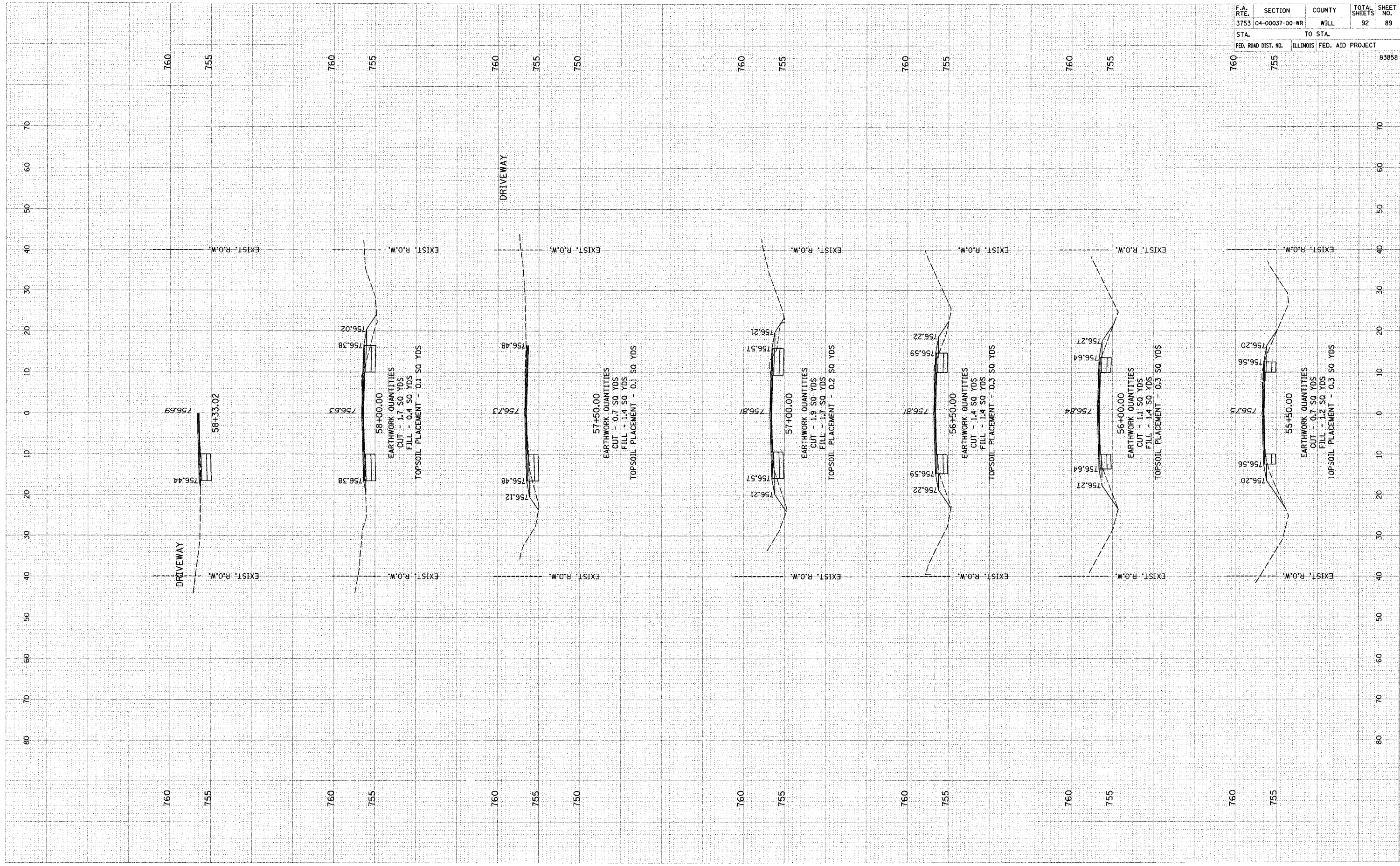
ORIGINAL SURVEY NO. _____
 SURVEY NOTE BOOK NO. _____
 CHECKED PLOTTED TEMPLATE AREAS CHECKED

BY _____

BY _____

DATE _____

DATE _____



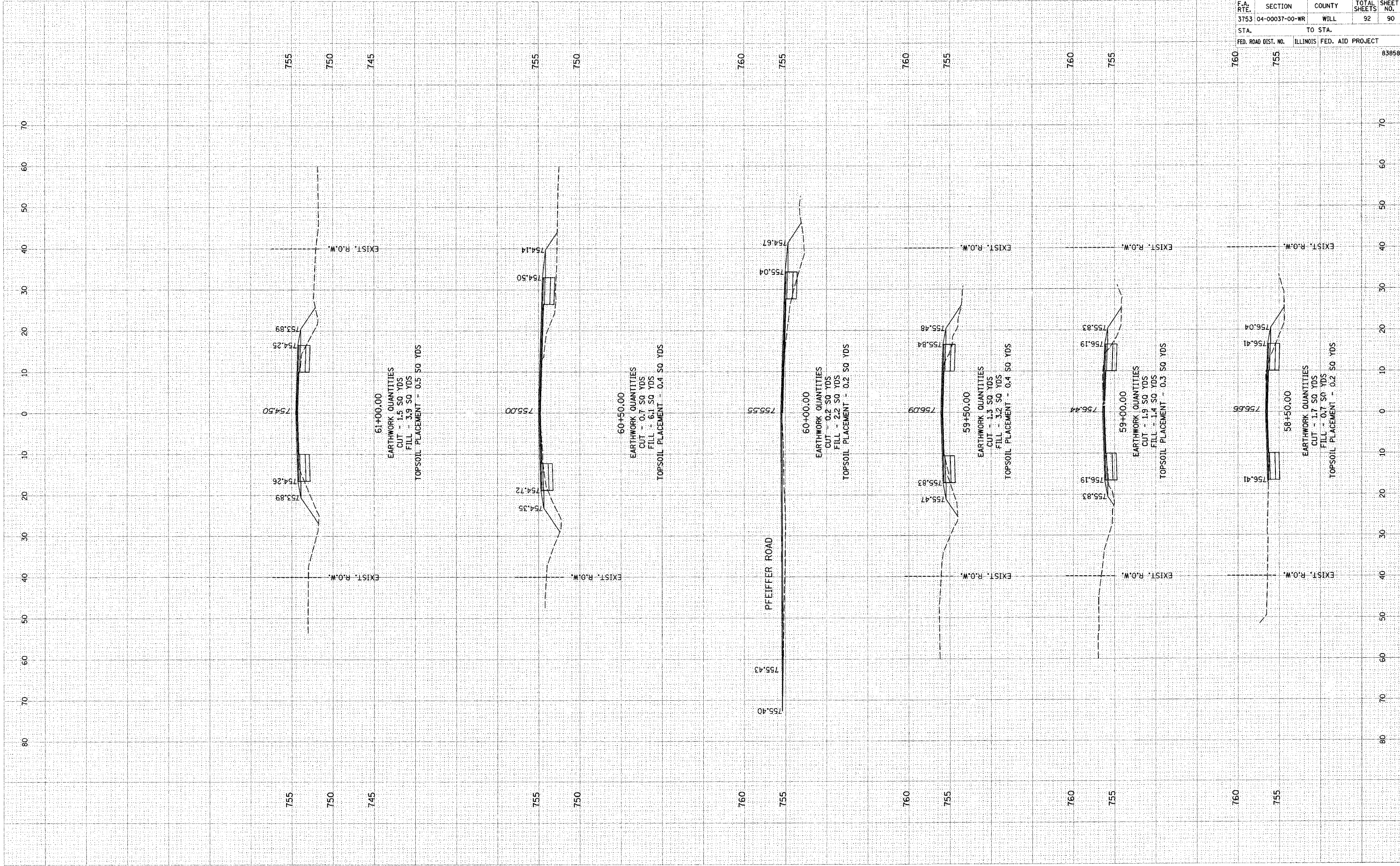
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	89
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
760	755		83858	

FINAL SURVEY NOTE BOOK NO. _____
 CHECKED BY _____ DATE _____
 PLOTTED BY _____
 TEMPLATE AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. _____
 CHECKED BY _____ DATE _____
 PLOTTED BY _____
 TEMPLATE AREAS CHECKED

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	90
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

760 755 83858



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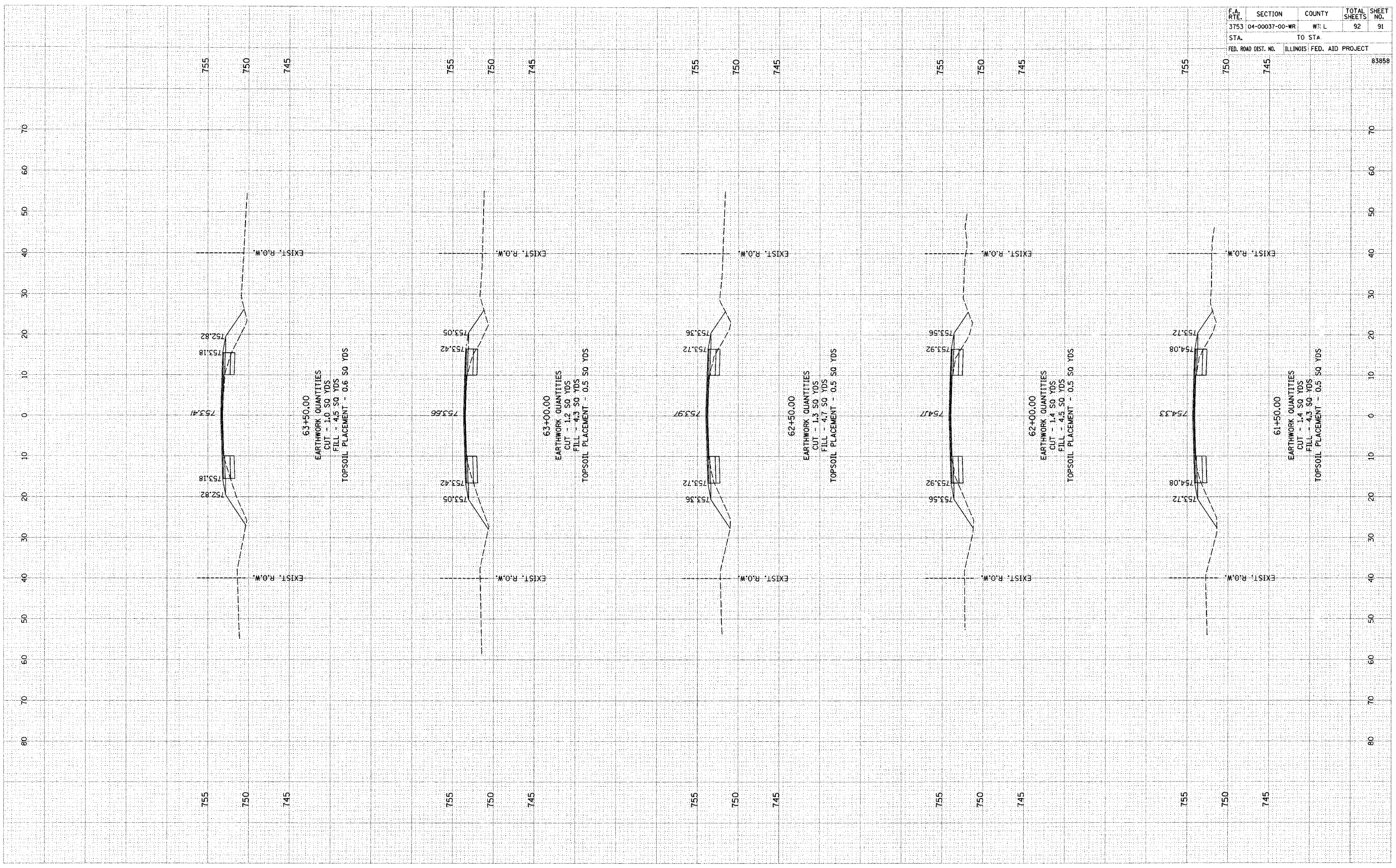
ORIGINAL SURVEYED PLOTTED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

BY DATE

FINAL SURVEYED PLOTTED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

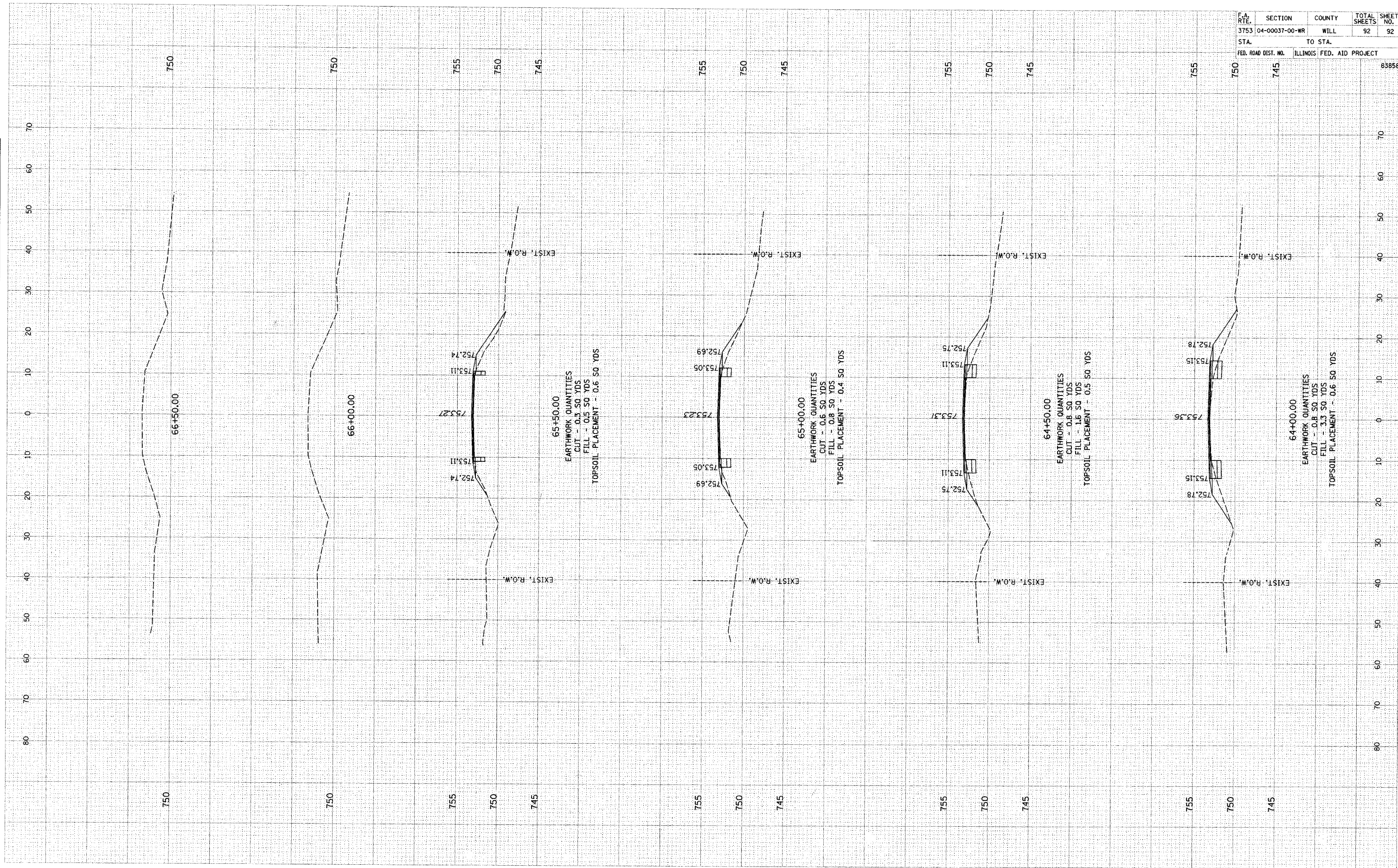
BY DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WIL	92	91
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
				83858



ORIGINAL SURVEY BY DATE
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

FINAL SURVEY BY DATE
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3753	04-00037-00-WR	WILL	92	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			63858