

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1;C-2)	MCDONOUGH	52	1
		ILLINOIS	CONTRACT NO. 68406	

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HIGHWAY STANDARDS

HIGHWAY STANDARDS

280001-04	442201-03	630101-08	630301-05
635006-03	635011-02	701001-02	701006-03
701011-02	701301-03	701306-02	701311-03
701321-10	701336-05	701901-01	780001-02
781001-03			

CADD STANDARDS

280001-D4	406101-D4	440001-D4
540001-D4	540401-D4	630101-D4
635101-D4	780001-D4	

ADT = 2850 (2006)
MU = 6 %

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 SCALES PROVIDED MAY BE USED.

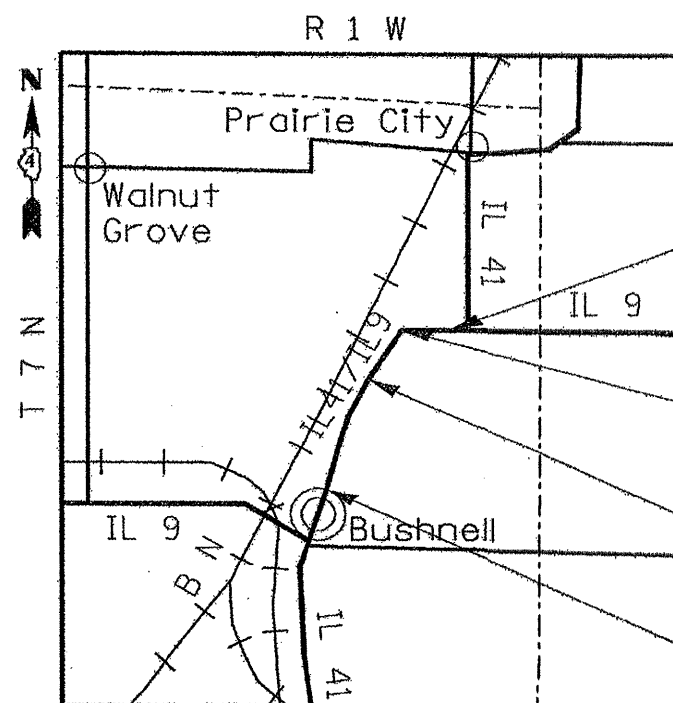
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: M. ADDIS
PROJECT MANAGER: M. ADDIS
CONTRACT NO. 68406
CATALOG NO. 032913-00D

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP 685 / 618 (IL 9 / IL 41)
SECTION 36(RS-1;C-2)
PROJECT ACF-0685 (029)
MCDONOUGH COUNTY
C-94-082-04



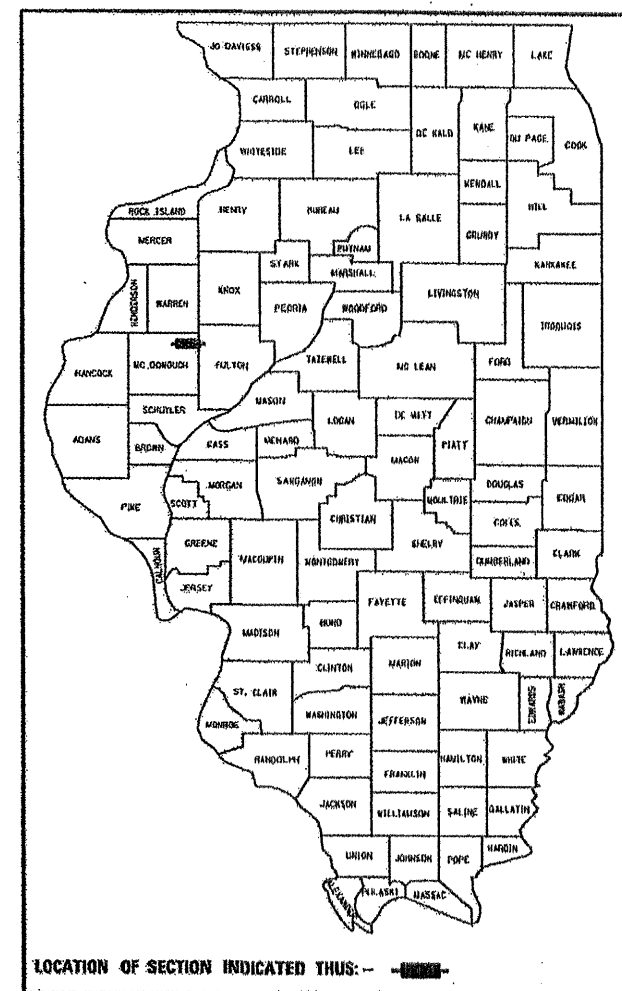
PROJECT BEGINS
STA. 622+00

CULVERT REPLACEMENT
STA. 669+76
S.N. 055-1001 (OLD);
S.N. 055-2506 (NEW)

BRIDGE OMISSION
STA. 682+84 TO 690+16.5

PROJECT ENDS
STA. 780+45

D-94-040-04



LOCATION OF SECTION INDICATED THIS: - - - - -

DESCRIPTION OF WORK

THIS PROJECT CONSISTS OF PAVEMENT PATCHING, HOT-MIX ASPHALT SURFACE REMOVAL AND OVERLAY, BOX CULVERT REPLACEMENT, AND OTHER COLLATERAL WORK.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED APRIL 19, 2009

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8, 2009
Charles A. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

GROSS LENGTH = 15,845 FT = 3.001 MILES
NET LENGTH = 15,112.5 FT = 2.862 MILES

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT.

GENERAL NOTES

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUNAROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- * BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- * A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- * SIGNED PROPERTY OWNER AGREEMENT FORM - D4 PI0100
- * COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- * BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

GENERAL NOTES (CONTINUED)

AGGREGATE SHOULDERS, TYPE B

AGGREGATE SHOULDERS, TYPE B SHALL BE REQUIRED FOR ALL GRANULAR CONSTRUCTION OF SIDE ROADS, ENTRANCES, AND MAILBOX TURNOUTS, WHETHER OR NOT PORTIONS OF THE SURFACES THUS CONSTRUCTED ARE TO BE COVERED WITH A BITUMINOUS SURFACE, EXCEPT WHERE NOTED DIFFERENTLY ON THE PLANS.

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

ADDITIONAL HOT-MIX ASPHALT OVERLAY IN LIEU OF PATCHING

AN ADDITIONAL THICKNESS OF HOT-MIX ASPHALT OVERLAY IS BEING PLACED ON THIS PROJECT TO ALLOW PAVEMENT PATCHING TO BE EITHER ELIMINATED OR REDUCED TO A VERY LIMITED QUANTITY. THE INTENT OF THIS TREATMENT IS TO MINIMIZE OR ELIMINATE THE NEED FOR ANY PAVEMENT PATCHING.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

REFLECTIVE CRACK CONTROL PLACEMENT

REFLECTIVE CRACK CONTROL TREATMENT SHALL BE PLACED ON THE COLD MILLED SURFACE.

ENGINEER'S FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (i) AND 670.04 (e): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

FILE NAME = 68406 sheets.dgn	USER NAME = k11merkk	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS, GENERAL NOTES, AND JOB SPECIFIC NOTES	F.A.P. RTE. 685/618	SECTION 36(RS-11C-2)	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 2	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 68406					
	PLOT DATE = 4/22/2009	DATE -	REVISED -			SHEET NO. 1 OF 2 SHEETS					
ILLINOIS FED. AID PROJECT											

GENERAL NOTES (CONTINUED)

PAVEMENT STATION NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20mm) WIDE, 5 INCHES (125mm) HIGH AND 5/8 INCH (15mm) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL – 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS – 6 INCHES (150mm) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:

- * 2, 3 & 5 LANE PAVEMENTS – RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- * MULTI-LANE DIVIDED ROADWAYS – OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- * RAMPS – ALONG BASELINE EDGE OF PAVEMENT

POSITION – STATIONS SHALL BE PLACE SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT – ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)

WHEN GUARDRAIL IS INSTALLED IN LINE WITH THE EDGE OF PAVEMENT OR SHOULDER, THE TERMINAL SHALL BE TAPERED AT A RATE OF 50:1 TO PROVIDE CLEARANCE FOR THE EXTRUDER TERMINAL.

GENERAL NOTES (CONTINUED)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Hot-Mix Asphalt Surface Course & Incidental HMA Surfacing	Hot-Mix Asphalt Binder Course & Patches
AC/PG:	PG 64-22	PG 64-22
RAP%(MAX)**:	15.0%	25.0%
Design Air Voids:	4.0%@N = 50	4.0%@N = 50
Mixture Composition: (Gradation Mixture)	IL 9.5 OR IL 12.5	IL 19.0
Friction Aggregate	Mixture D (Dolomite only)	N. A.

** If 15 % > RAP is used, the contractor may be required to use a softer grade of asphalt as determined by the Materials Engineer.

JOB SPECIFIC NOTES

FILE NAME = 68406 sheets.dgn	USER NAME = kslmonkk	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS, GENERAL NOTES, AND JOB SPECIFIC NOTES	F.A.P. RTE. 685/618	SECTION 36IRS-1(C-2)	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 3
PLOT SCALE = 100.0000 * / IN.	CHECKED -	REVISED -	SHEET NO. 2 OF 2 SHEETS			CONTRACT NO. 68406				
PLOT DATE = 4/22/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES

80% FED
20% STATE

CONSTRUCTION TYPE CODE	
------------------------	--

	SN 055-2506
1 000	X028-2A

CODE No.	ITEM	UNIT	Tot.QTY		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	78		78
20400800	FURNISHED EXCAVATION	CU YD	138		138
20700220	POROUS GRANULAR EMBANKMENT	CU YD	16		16
20800150	TRENCH BACKFILL	CU YD	41		41
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	93		93
28200200	FILTER FABRIC	SQ YD	53		53
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	41		41
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	36	36	
40600300	AGGREGATE (PRIME COAT)	TON	177	177	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

80% FED
20% STATE

CONSTRUCTION TYPE CODE	
	SN 055-2506
1 000	X028-2A

CODE No.	ITEM	UNIT	Tot.QTY		
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	690	690	
40600990	TEMPORARY RAMP	SQ YD	93	93	
40603080	HOT - MIX ASPHALT BINDER COURSE, IL - 19.0, N50	TON	5480	5480	
40603335	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3685	3685	
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	80	80	
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	43291	43291	
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	22	22	
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	322	322	
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	35	35	
44300900	STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM A	FOOT	30225	30225	

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

80% FED
20% STATE

CONSTRUCTION TYPE CODE	
	SN 055-2506
1000	X028-2A

CODE No.	ITEM	UNIT	Tot.QTY		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1148	1148	
50105210	REMOVE EXISTING CULVERTS	FOOT	30		30
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	9994		9994
50800515	BAR SPLICERS	EACH	41		41
54001000	BOX CULVERT END SECTIONS	EACH	6	6	
54003000	CONCRETE BOX CULVERTS	CU YD	55.2		55.2
✕ 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	270		270
✕ 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	12		12
✕ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2		2
63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	228	228	

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

80% FED
20% STATE

CONSTRUCTION TYPE CODE	
------------------------	--

	SN 055-2506
1 000	X028-2A

CODE No.	ITEM	UNIT	Tot.QTY		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4	4	
67100100	MOBILIZATION	L SUM	1	1	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
70106700	TEMPORARY RUMBLE STRIP	EACH	6	6	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6045	6045	
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	38081	38081	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	499	499	

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

80% FED.
20% STATE

CONSTRUCTION TYPE CODE	
	SN 055-2506
1000	X028-2A

CODE No.	ITEM	UNIT	Tot.QTY		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	230		230
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	230		230
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	38081	38081	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	216	216	
* 78200405	GUARDRAIL MARKERS	EACH	10	10	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	10	10	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	131	131	
X0301512	GUARDRAIL AGGREGATE EROSION CONTROL	TON	10		10
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	181		181
X0322729	MATERIAL TRANSFER DEVICE	TON	3,685	3,685	
* X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	1	

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

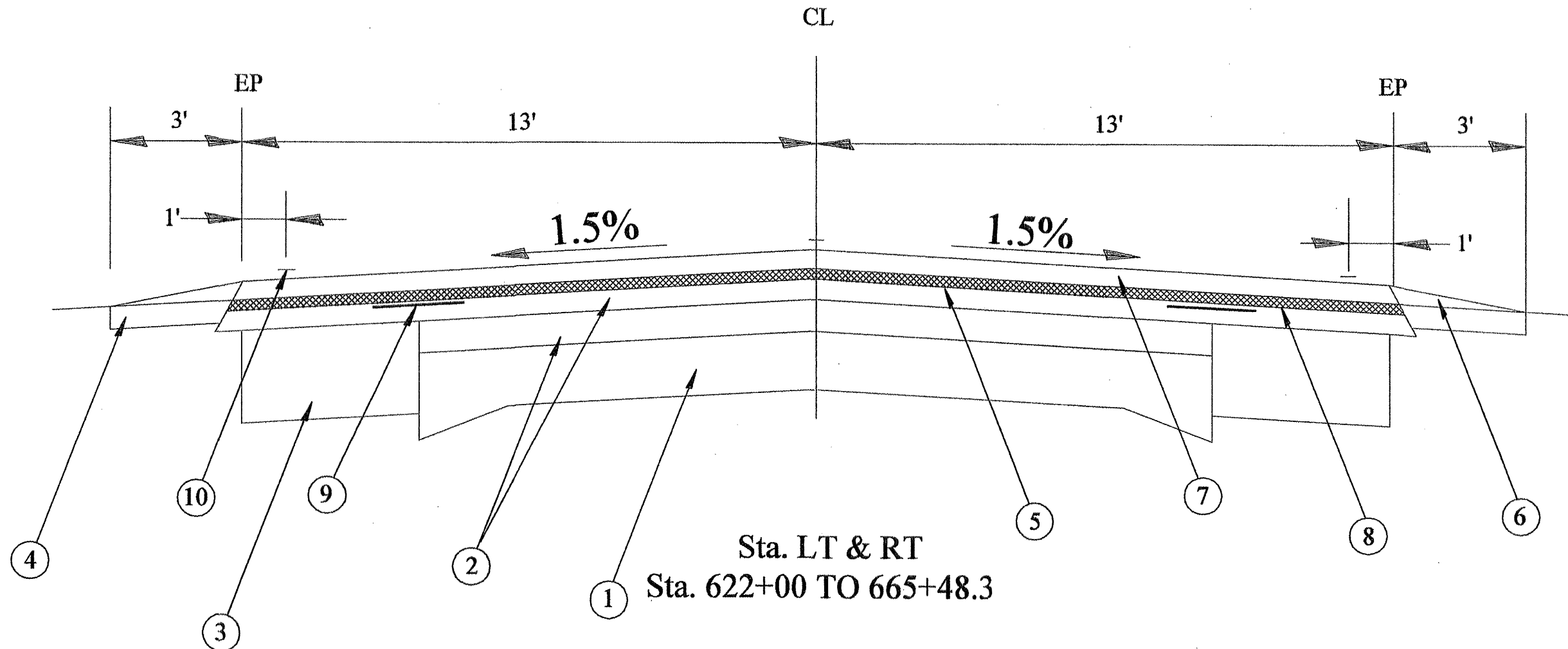
80% FED.
20% STATE

CONSTRUCTION TYPE CODE	
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	SN 055-2506
1.000	X028-2A

CODE No.	ITEM	UNIT	Tot.QTY		
XX007906	CLASS SI CONCRETE COLLAR	EACH	6	6	
* Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		2
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2		2
Z0054400	ROCK FILL	CU YD	62		62

* SPECIALTY ITEMS

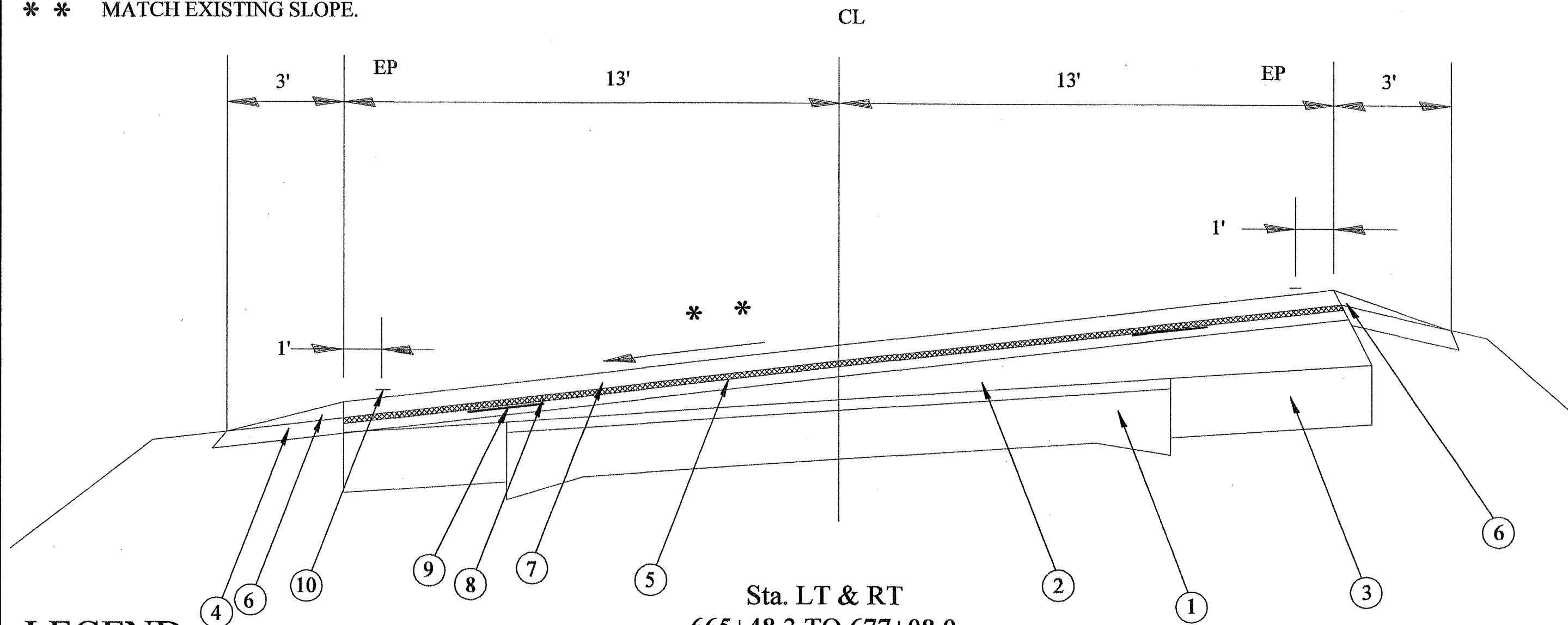


LEGEND

1. EXISTING PCC PAVEMENT 9-6-9
2. EXISTING HOT-MIX ASPHALT OVERLAY 5"
3. EXISTING 9" HOT-MIX ASPHALT BASE COURSE WIDENING
4. EXISTING AGGREGATE SHOULDERS
5. PROPOSED HOT-MIX ASPHALT BINDER COURSE 2 1/4"
6. PROPOSED AGGREGATE SHOULDERS TY B
7. PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2"
8. PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 3/4"
9. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
10. PROPOSED EPOXY PAVEMENT MARKING LINE 4"

FILE NAME *	USER NAME = k1menkk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
68486 sheeta.dgn		DRAWN -	REVISED -			685/618	36(RS-1)C-2)	MCDONOUGH	52	10	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 68406					
	PLOT DATE = 4/22/2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				NOT TO SCALE SHEET NO. 1 OF 5 SHEETS FOR STA. TO STA. SEE ABOVE							

** MATCH EXISTING SLOPE.



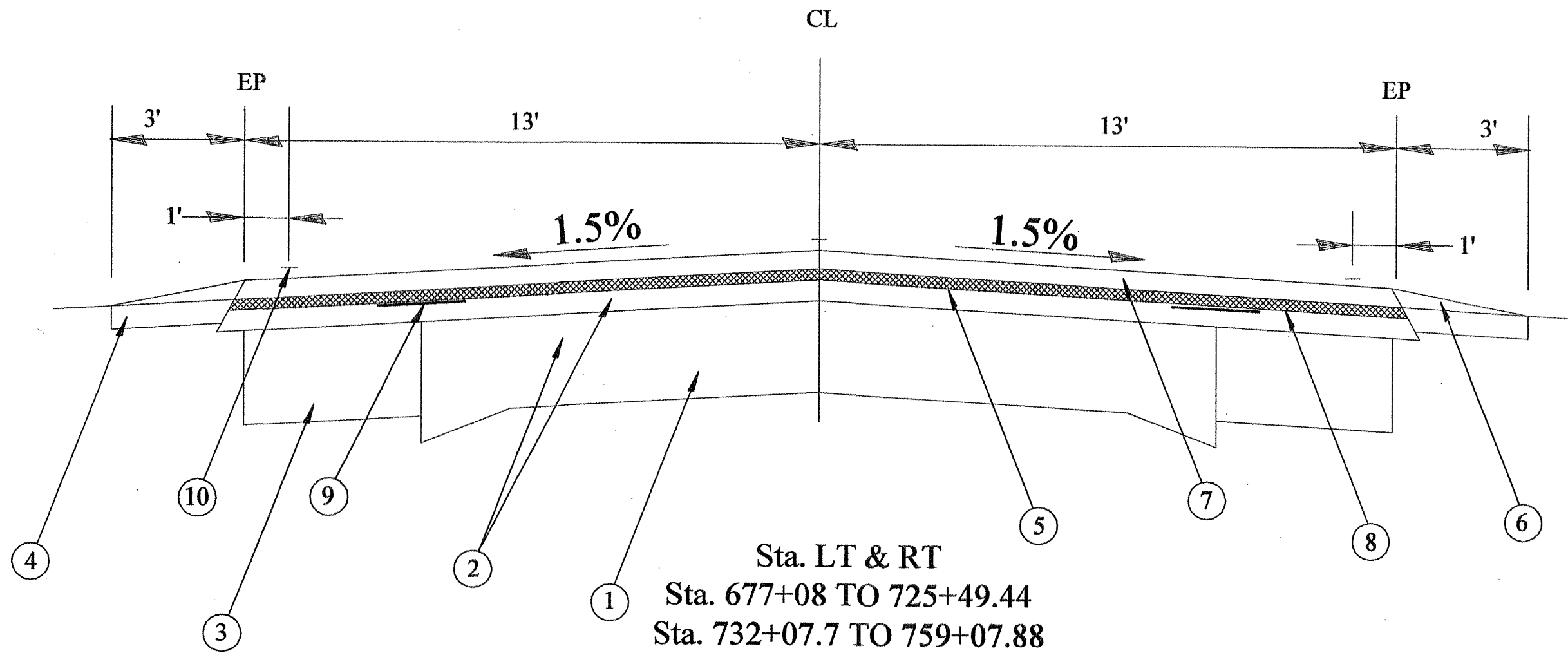
Sta. LT & RT
 665+48.3 TO 677+08.0
 (Full Super-Sta. 666+08.3 to 676+48)

LEGEND

- 1. EXISTING PCC PAVEMENT 9-6-9
- 2. EXISTING HOT-MIX ASPHALT OVERLAY 3" to 8 1/2"
- 3. EXISTING 9" HOT-MIX ASPHALT BASE COURSE WIDENING
- 4. EXISTING AGGREGATE SHOULDERS
- 5. PROPOSED HOT-MIX ASPHALT BINDER COURSE 2 1/4"
- 6. PROPOSED AGGREGATE SHOULDERS TY B
- 7. PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2"
- 8. PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 3/4"
- 9. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 10. PROPOSED EPOXY PAVEMENT MARKING LINE 4"

An existing 2.0' Hot-mix Asphalt shoulder shall be overlaid from Sta. 667+15 to 676+62 Lt. during resurfacing operations.

FILE NAME = 68406 sheets.dgn	USER NAME = k1merk	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE. 685/618	SECTION 36(RS-1)C-21	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 11
		DRAWN -	REVISOR -		NOT TO SCALE	SHEET NO. 2 OF 5 SHEETS	FOR STA. TO STA. SEE ABOVE	CONTRACT NO. 68406		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISOR -									
		DATE -	REVISOR -									



Sta. LT & RT
 Sta. 677+08 TO 725+49.44
 Sta. 732+07.7 TO 759+07.88

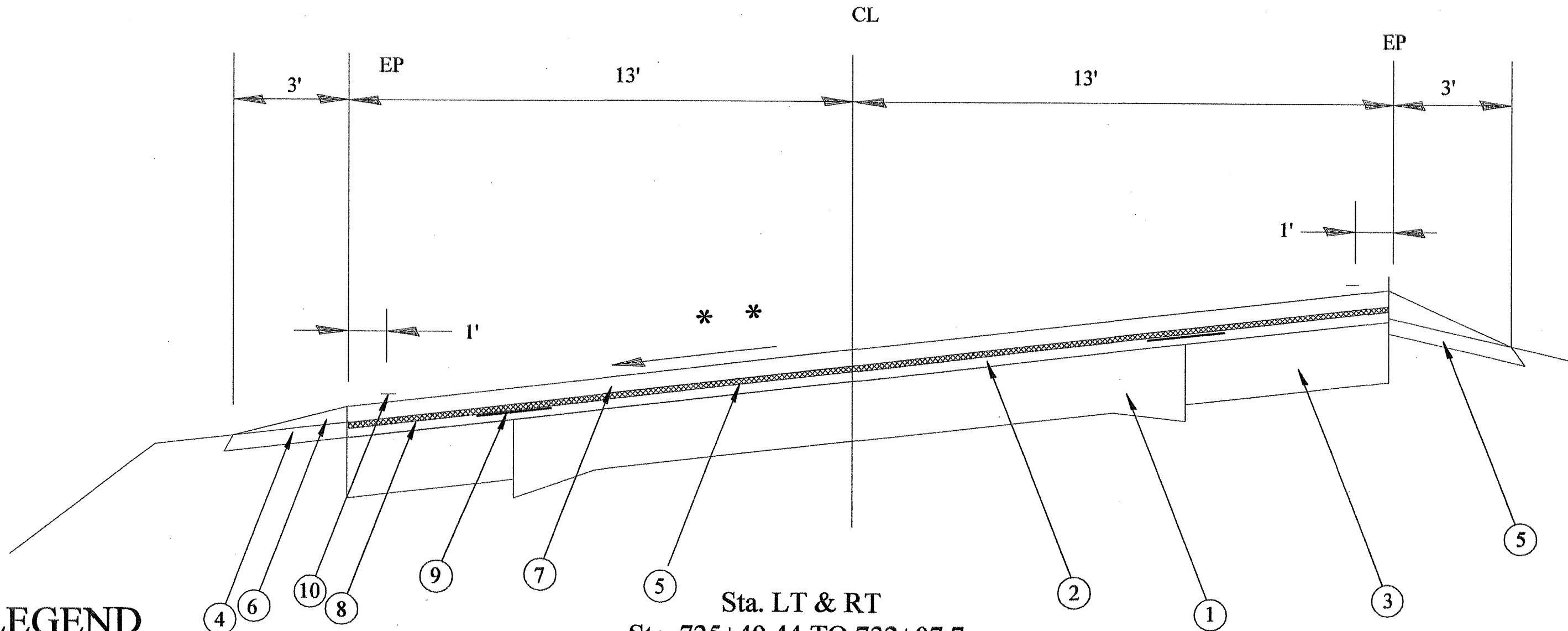
OMISSION
 Sta. 682+84 to 690+16.5

LEGEND

- 1. EXISTING PCC PAVEMENT 9-6-9
- 2. EXISTING HOT-MIX ASPHALT OVERLAY 3 1/2"
- 3. EXISTING 9" HOT-MIX ASPHALT BASE COURSE WIDENING
- 4. EXISTING AGGREGATE SHOULDERS
- 5. PROPOSED HOT-MIX ASPHALT BINDER COURSE 2 1/4"
- 6. PROPOSED AGGREGATE SHOULDERS TY B
- 7. PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2"
- 8. PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 3/4"
- 9. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 10. PROPOSED EPOXY PAVEMENT MARKING LINE 4"

FILE NAME = 68486 sheets.dgn	USER NAME = k1merk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					685/618	36(RS-11C-2)	MCDONOUGH	52	12
		CHECKED -	REVISED -		NOT TO SCALE SHEET NO. 3 OF 5 SHEETS FOR STA. TO STA. SEE ABOVE			CONTRACT NO. 68406				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

* * MATCH EXISTING SLOPE.

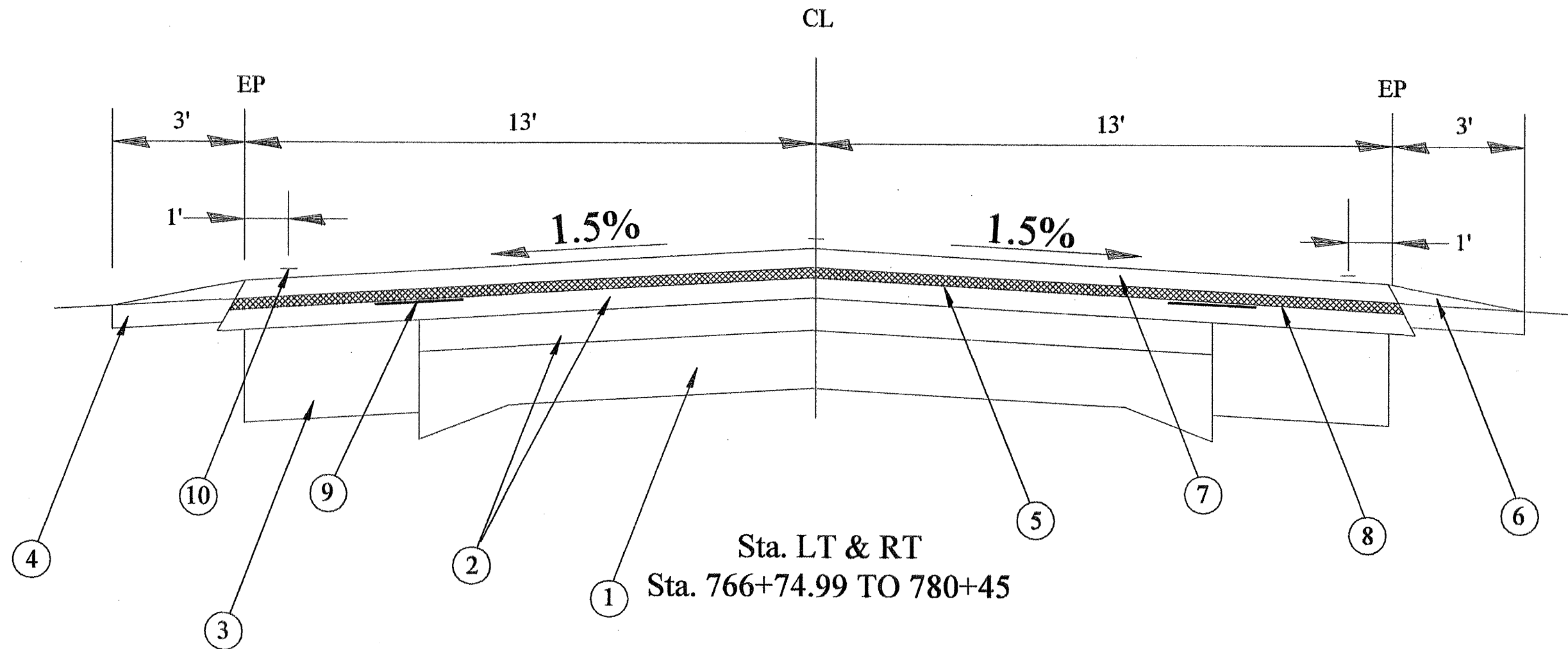


LEGEND

- 1. EXISTING PCC PAVEMENT 9-6-9
- 2. EXISTING HOT-MIX ASPHALT OVERLAY 3 1/2"
- 3. EXISTING 9" HOT-MIX ASPHALT BASE COURSE WIDENING
- 4. EXISTING AGGREGATE SHOULDERS
- 5. PROPOSED HOT-MIX ASPHALT BINDER COURSE 2 1/4"
- 6. PROPOSED AGGREGATE SHOULDERS TY B
- 7. PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2"
- 8. PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 3/4"
- 9. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
- 10. PROPOSED EPOXY PAVEMENT MARKING LINE 4"

Sta. LT & RT
 Sta. 725+49.44 TO 732+07.7
 Sta. 759+07.88 TO 766+74.99

FILE NAME = 68406 sheets.dgn	USER NAME = kilmek	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE. 685/618	SECTION 3G(RS-1)(C-2)	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 13
		DRAWN -	REVISD -		NOT TO SCALE	SHEET NO. 4 OF 5 SHEETS	FOR STA. TO STA. SEE ABOVE	CONTRACT NO. 68406		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISD -									
		DATE -	REVISD -									



LEGEND

1. EXISTING PCC PAVEMENT 9-6-9
2. EXISTING HOT-MIX ASPHALT OVERLAY 3 1/2"
3. EXISTING 9" HOT-MIX ASPHALT BASE COURSE WIDENING
4. EXISTING AGGREGATE SHOULDERS
5. PROPOSED HOT-MIX ASPHALT BINDER COURSE 2 1/4"
6. PROPOSED AGGREGATE SHOULDERS TY B
7. PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2"
8. PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 3/4"
9. PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A
10. PROPOSED EPOXY PAVEMENT MARKING LINE 4"

FILE NAME = 68406 sheets.dgn	USER NAME = kslmknk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE. 685/618	SECTION 36(RS-1)(C-2)	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 14
		DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 5 OF 5 SHEETS	FOR STA. TO STA. SEE ABOVE	CONTRACT NO. 68406		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISED -									
		DATE -	REVISED -									

TABULATION OF RESURFACING QUANTITIES

Location	Length	Width	Area	HMA Surface Removal Butt Joint	Aggregate (Prime Coat) 2 Appls.	Bituminous Materials (Prime Coat) 2 Appls.	HMA Surface Course, Mix "D", N50	HMA Binder Course, IL-19.0, N50	Temporary Ramp	Incidental HMA Surfacing	HMA Surface Removal, 3/4"
	FT	FT	SQ YD	SQ YD	TON	TON	TON	TON	SQ YD	TON	SQ YD
Sta. 622+00 to 622+30	30.0	26.0	86.7	86.7	0.35	0.04	7.3		14.5		
Sta. 622+30 to 622+75	45.0	26.0	130.0	57.8	0.52	0.07	10.9	11.9	8.7		72.2
Sta. 622+75 to 667+15	4,440.0	26.0	12,826.7		51.31	6.67	1,077.4	1,616.2			12,826.7
Sta. 667+15 to 676+62	947.0	28.0	2,946.3		11.79	1.53	247.5	371.2			2,946.3
Sta. 676+62 to 682+09	547.0	26.0	1,580.3		6.32	0.82	132.8	199.1			1,580.3
Sta. 682+09 to 682+54	45.0	26.0	130.0	57.8	0.52	0.07	10.9	11.9	8.7		72.2
Sta. 682+54 to 682+84	30.0	26.0	86.7	86.7	0.35	0.04	7.3		14.5		
Sta. 682+84 to 690+16.5	OMIT										
Sta. 690+16.5 to 690+46.5	30.0	26.0	86.7	86.7	0.35	0.04	7.3		14.5		
Sta. 690+46.5 to 690+91.5	45.0	26.0	130.0	57.8	0.52	0.07	10.9	11.9	8.7		72.2
Sta. 690+91.5 to 779+70	8,878.5	26.0	25,649.0		102.60	13.34	2,154.5	3,231.8			25,649.0
Sta. 779+70 to 780+15	45.0	26.0	130.0	57.8	0.52	0.07	10.9	11.9	8.7		72.2
Sta. 780+15 to 780+45	30.0	26.0	86.7	86.7	0.35	0.04	7.3		14.5		
Sideroads, Drives, & Mailbox Turnouts		3.0	622.0	111.4	* 1.24	* 0.25				83.0	
TOTAL				690.0	177.0	23.0	3685.0	5,466.0	93.0	83.0	43,291.0

RATES:

HOT-MIX ASPHALT SURFACE COURSE = 112 LB/SQ YD IN
 BIT. MAT'LS (PRIME COAT) MILLED SURFACE = 0.1 GAL/SQ YD
 BIT. MAT'LS (PRIME COAT) BINDER SURFACE = 0.03 GAL/SQ YD
 AGGREGATE (PRIME COAT) = 4.0 LB/SQ YD

* 1 APPLICATION

STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A

** Sta. 622+00 to 780+45	30,225.0 FOOT
--------------------------	---------------

AGGREGATE SHOULDERS, TYPE B

** Sta. 622+00 to 780+45	1,148.0 TON
--------------------------	-------------

CONSTRUCTION TEST STRIP

** Sta. 622+00 to 780+45	1.0 EACH
--------------------------	----------

** PAVING OMISSION - Sta. 682+84 to 690+16.5

FILE NAME = 68406 sheet.dgn	USER NAME = kilmerk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TABULATION OF RESURFACING QUANTITIES	F.A.P. RTE. = 685/618	SECTION = 36(RS-1C-2)	COUNTY = MCDONOUGH	TOTAL SHEETS = 52	SHEET NO. = 15
		DRAWN -	REVISED -							
		CHECKED -	REVISED -							
		DATE -	REVISED -							
					SHEET NO. 1 OF 1 SHEETS					CONTRACT NO. 68406 ILLINOIS FED. AID PROJECT

CLASS D PATCHES, TYPE (3 & 4) 13 INCH						
STATION	Length	Width	TYPE III		TYPE IV	
			LEFT	RIGHT	LEFT	RIGHT
STA 704+90	25.0	13.0			36.11	36.11
STA 714+45	20.0	13.0			28.89	
STA 717+00	84.0	13.0			121.33	
STA 720+20	18.0	13.0			26.00	
STA 720+90	15.0	13.0	21.67			
STA 737+50	18.0	13.0				26.00
STA 739+75	33.0	13.0				47.67
PAGE TOTALS			21.67	0	212.33	109.78
			22.0		322.0	

CLASS D PATCHES, TYPE (4) 14 INCH						
STATION	Length	Width	TYPE III		TYPE IV	
			LEFT	RIGHT	LEFT	RIGHT
STA 622+73	24.0	13.0			34.67	
PAGE TOTALS					34.67	
					35.0	

TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	
Sta. 669+26 to 670+26 Lt	2 Ea.
Sta. 669+76 to 670+26 Rt	1 Ea.
Sta. 685+75 to 687+12 Rt	2 Ea.
TOTAL	5 Ea.

STEEL PLATE BEAM GUARDRAIL REMOVAL	
Sta. 669+25 to 669+88 Rt	63.0 Ft
Sta. 669+85 to 670+10 Lt	25.0 Ft
Sta. 704+73.5 to 704+98.5 Lt	25.0 Ft
Sta. 704+73.5 to 704+98.5 Rt	25.0 Ft
Sta. 747+18.5 to 747+43.5 Lt	25.0 Ft
Sta. 747+18.5 to 747+43.5 Rt	25.0 Ft
Sta. 778+00.5 to 778+25.5 Lt	25.0 Ft
Sta. 778+00.5 to 778+25.5 Rt	25.0 Ft
TOTAL	228.0 Ft

TRAFFIC BARRIER TERMINAL REMOVAL	
Sta. 669+60 Lt (Glove Type)	1 Ea.
Sta. 670+12 Rt (Glove Type)	1 Ea.
Sta. 670+35 Rt (Turn Down)	1 Ea.
Sta. 685+75 Rt (Glove Type)	1 Ea.
Sta. 686+90 Rt (Glove Type)	1 Ea.
Sta. 704+43 Rt (Turn Down)	1 Ea.
Sta. 704+50 Lt (Turn Down)	1 Ea.
Sta. 705+21 Rt (Glove Type)	1 Ea.
Sta. 705+27 Lt (Turn Down)	1 Ea.
Sta. 746+87 Rt (Turn Down)	1 Ea.
Sta. 746+97 Lt (Turn Down)	1 Ea.
Sta. 747+63 Rt (Turn Down)	1 Ea.
Sta. 747+72 Lt (Turn Down)	1 Ea.
Sta. 777+71 Rt (Turn Down)	1 Ea.
Sta. 777+79 Lt (Turn Down)	1 Ea.
Sta. 778+47 Rt (Turn Down)	1 Ea.
Sta. 778+55 Lt (Turn Down)	1 Ea.
TOTAL	17 Ea.

TERMINAL MARKER - DIRECT APPLIED	
Sta. 704+36 to 705+36 Lt	2 Ea
Sta. 704+36 to 705+36 Rt	2 Ea
Sta. 746+81 to 747+81 Lt	2 Ea
Sta. 746+81 to 747+81 Rt	2 Ea
Sta. 777+63 to 778+63 Lt	2 Ea
Sta. 777+63 to 778+63 Rt	2 Ea
TOTAL	12.0 Each

GUARDRAIL MARKERS, TYPE A	
Sta. 669+00 to 670+35 Lt	4 Ea
Sta. 669+00 to 670+35 Rt	4 Ea
Sta. 685+75 to 686+90 Rt	4 Ea
TOTAL	12 Each

** PAVING OMISSION - Sta. 682+84 to 690+16.5

SHORT-TERM PAVEMENT MARKING	
* Sta. 622+00 to 780+45	6,045.0 FEET

TEMPORARY PAINT PAVEMENT MARKING LINE 4"	
* Sta. 622+00 to 780+45	38,081.0 FEET

WORK ZONE PAVEMENT MARKING REMOVAL	
* Sta. 622+00 to 780+45	499.0 SQ FT

EPOXY PAVEMENT MARKING - LINE 4"				
STATION	YELLOW LINE 4"		WHITE - LINE 4"	TOTALS
	SKIP DASH (FT)	NO PASSING (FT)		
		LT	RT	
Rt & Lt 622+00 to 623+60		160.0	160.0	320.0
Rt & Lt 623+60 to 631+40	195.0			1,560.0
Rt & Lt 631+40 to 641+40	250.0		1,000.0	2,000.0
Rt & Lt 641+40 to 647+70		630.0	630.0	1,260.0
Rt & Lt 647+70 to 655+40	192.5	770.0		1,540.0
Rt & Lt 655+40 to 682+84	686.0			5,488.0
Rt & Lt 682+84 to 690+16.5	OMIT			
Rt & Lt 690+16.5 to 722+75	814.6			6,517.0
Rt & Lt 722+75 to 727+20	111.25		445.0	890.0
Rt & Lt 727+20 to 729+00	45.0			360.0
Rt & Lt 729+00 to 738+00	225.0	900.0		1,800.0
Rt & Lt 738+00 to 780+45	1,061.25			8,490.0
Side road Subtraction (5 @ avg. 84.0' = 420.0')				- 420.0
TOTALS	3,580.6	2,460.0	2,235.0	29,805.0
TOTAL (YELLOW)				8,276.0 FT
TOTAL (WHITE)				29,805.0 FT
GRAND TOTAL				38,081.0 FT

RAISED REFLECTIVE PAVEMENT MARKERS	
STATION	TWO WAY AMBER MARKER (EA)
* 622+00 to 780+45	205 EACH
TOTALS	205 EACH

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
STATION	(EA)
* 622+00 to 780+45	131 EACH
TOTALS	131 EACH

** PAVING OMISSION - Sta. 682+84 to 690+16.5

FILE NAME = 68406 sheets.dgn	USER NAME = kjlmenkk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES	F.A.P. RTE. = 685/618	SECTION = 36(RS-11C-2)	COUNTY = MCDONOUGH	TOTAL SHEETS = 52	SHEET NO. = 17	
		DRAWN -	REVISED -			SHEET NO. 2 OF 4 SHEETS					
		CHECKED -	REVISED -			CONTRACT NO. 68406					
		DATE = 4/22/2009	REVISED -			ILLINOIS FED. AID PROJECT					

TRAFFIC CONTROL & PROTECTION, STANDARD 701306	
JOBSITE	1.0 L SUM

TRAFFIC CONTROL & PROTECTION, STANDARD 701321	
STA. 669+76	1.0 EACH

TRAFFIC CONTROL & PROTECTION, STANDARD 701336	
JOBSITE	1.0 L SUM

TEMPORARY BRIDGE TRAFFIC SIGNALS	
STA. 669+76	1.0 Each

TEMORARY RUMBLE STRIP	
STA. 669+76	6.0 Each

TEMPORARY CONCRETE BARRIER	
STA. 669+76	FOOT

RELOCATE TEMPORARY CONCRETE BARRIER	
STA. 669+76	FOOT

IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	
STA. 669+76	2 EACH

IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	
STA. 669+76	2 EACH

** PAVING OMISSION - Sta. 682+84 to 690+16.5

FILE NAME = 68406 sheets.dgn	USER NAME = k3lmonkk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SHEET NO. 3 OF 4 SHEETS

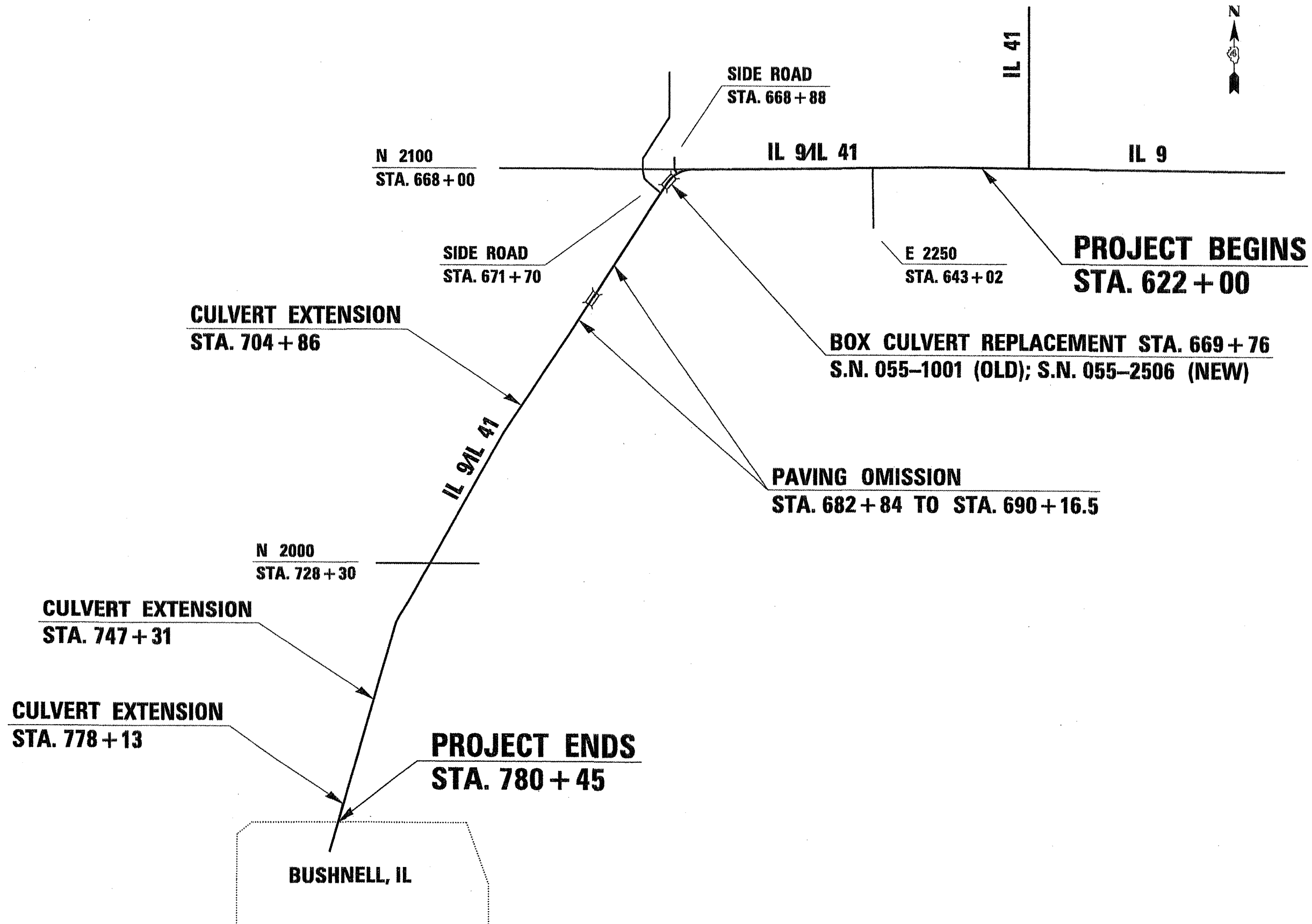
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1(C)-2)	MCDONOUGH	52	18
CONTRACT NO. 68406			ILLINOIS FED. AID PROJECT	

ENGINEER'S FIELD OFFICE, TYPE B	
JOBSITE	4.0 CAL. MO.

MOBILIZATION	
* Sta. 622+00 to 780+45	1.0 L SUM

** PAVING OMISSION - Sta. 682+84 to 690+16.5

FILE NAME = 6048B sheets.dgn	USER NAME = kilmerkk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -			685/618	36(RS-1)(C-2)	MCDONOUGH	52	19
PLOT DATE = 4/22/2009	CHECKED -	REVISED -	CONTRACT NO. 68406							
DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
					SHEET NO. 4 OF 4 SHEETS					



FILE NAME = 68406 sheets.dgn
 USER NAME = kjlmerkk
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 4/22/2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM
 NOT TO SCALE SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36IRS-1(C-2)	MCDONOUGH	52	20
CONTRACT NO. 68406				

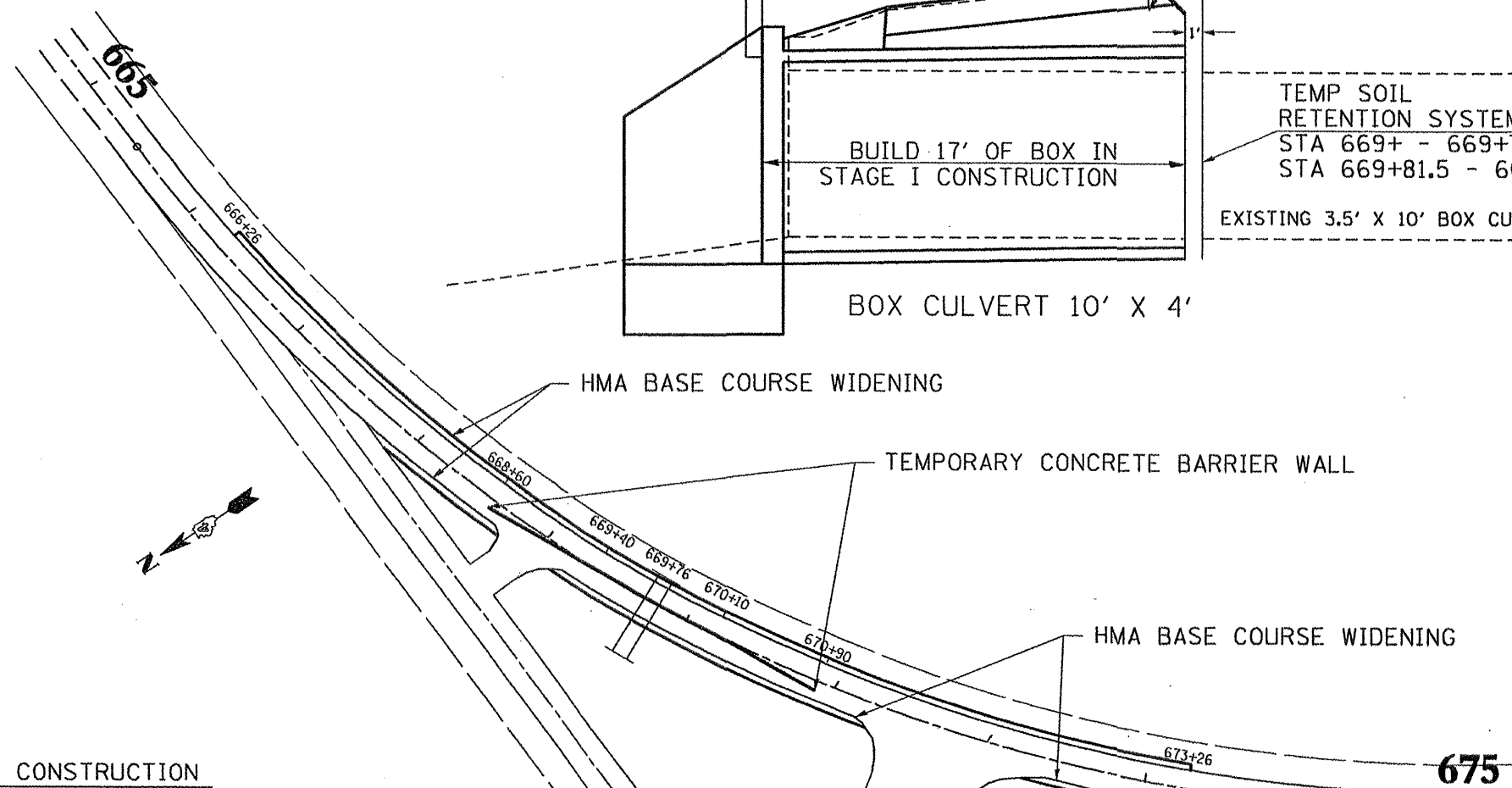
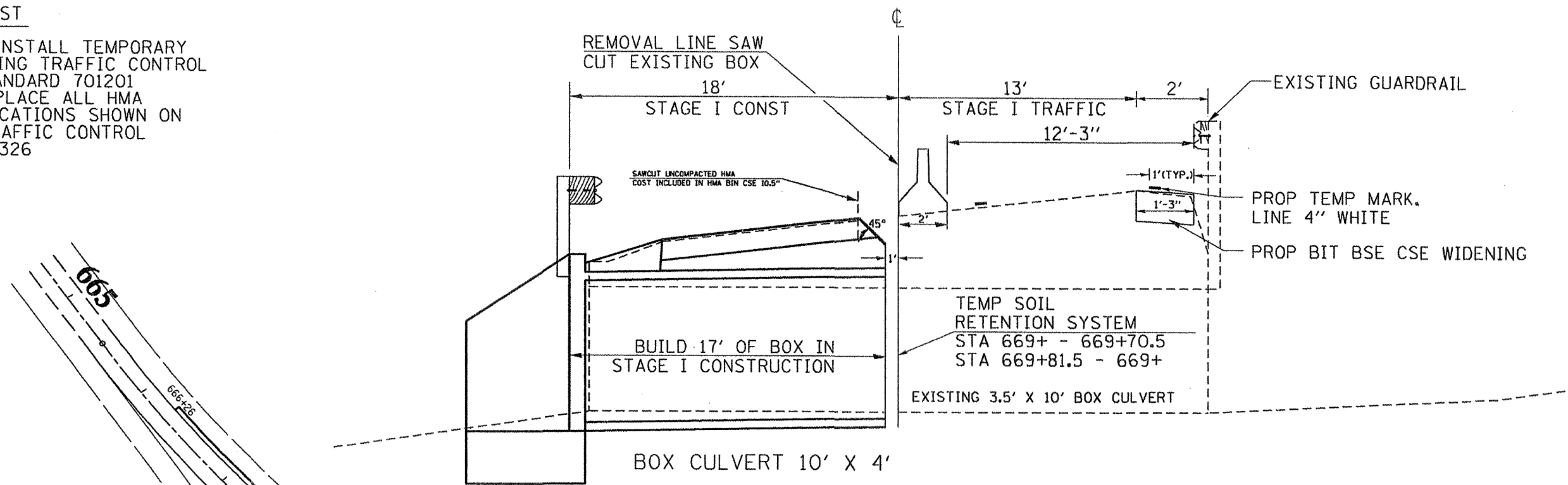
ILLINOIS FED. AID PROJECT

STAGE I CONSTRUCTION

(Looking South)

PRE-STAGE I CONST

CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC SIGNALS USING TRAFFIC CONTROL AND PROTECTION STANDARD 701201
 CONTRACTOR SHALL PLACE ALL HMA WIDENING AT THE LOCATIONS SHOWN ON THE PLANS USING TRAFFIC CONTROL AND PROTECTION 701326



STAGE I CONSTRUCTION

INSTALL TEMPORARY BARRICADES, SIGNS, AND TEMPORARY PAVEMENT MARKINGS AS DETAILED ON TRAFFIC CONTROL AND PROTECTION STANDARD 701301.

EXISTING GUARDRAIL ON WEST SIDE IS TO REMAIN IN PLACE DURING STAGE I CONSTRUCTION AND NEW GUARDRAIL MUST BE ERECTED BEFORE OPENING LANE TO TRAFFIC.

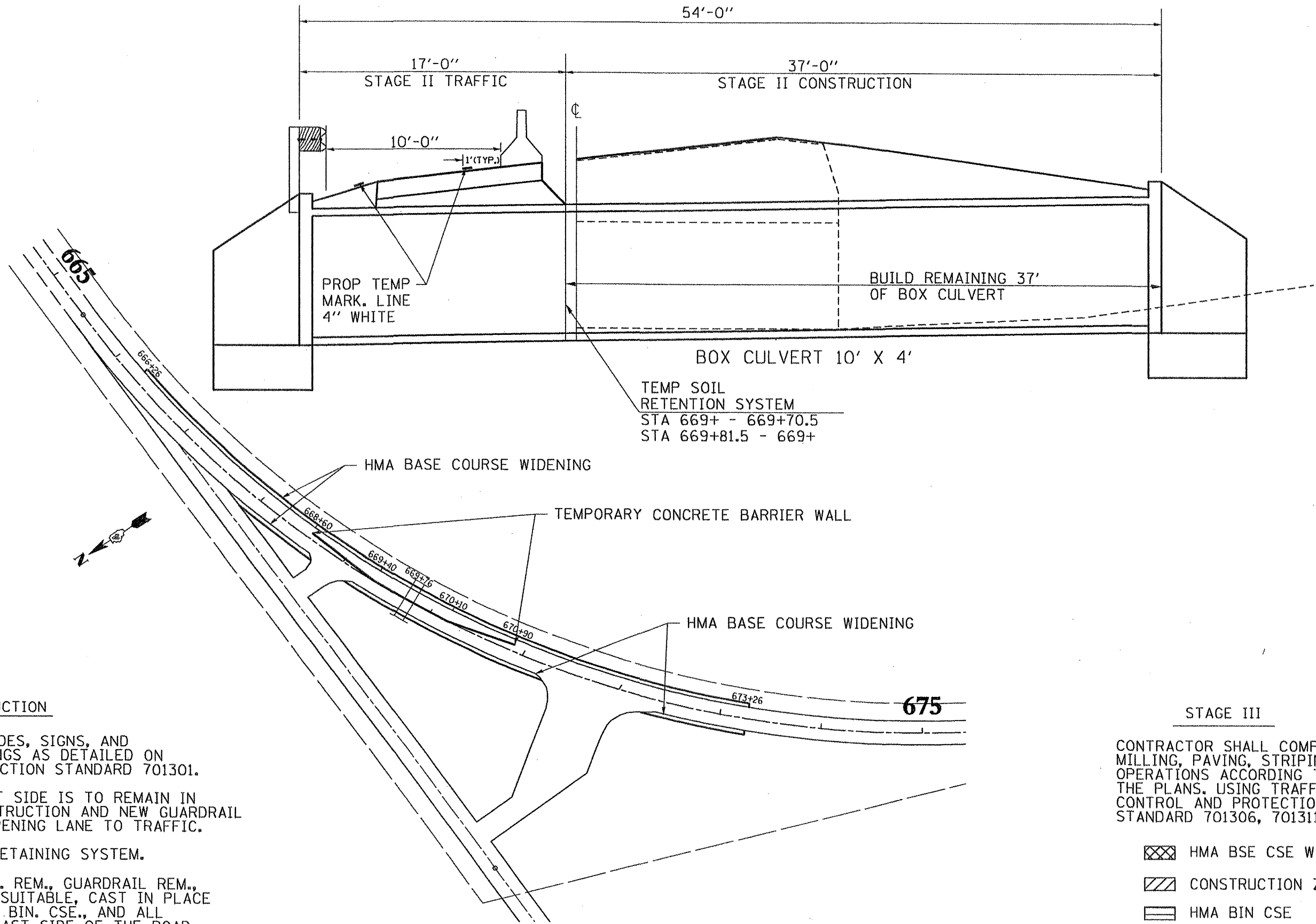
INSTALL TEMPORARY EARTH RETAINING SYSTEM.

PERFORM WORK SUCH AS: PAV. REM., GUARDRAIL REM., STRUCTURE REM., REM. OF UNSUITABLE, CAST IN PLACE BOX CULVERT, BACKFILL, HMA BIN. CSE., AND ALL COLLATERAL WORK FOR THE EAST SIDE OF THE ROAD.

- HMA BSE CSE WID
- CONSTRUCTION ZONE
- HMA BIN CSE

FILE NAME = 68406 sheets.dgn	USER NAME = k1mankk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING PLANS STAGE I CONSTRUCTION			F.A.P. RTE. 685/618	SECTION 36(RS-1)(C-2)	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 21
		DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 1 OF 2 SHEETS	STA. 669+76	CONTRACT NO. 68406				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 4/22/2009	REVISED -									

STAGE II CONSTRUCTION
(Looking South)



STAGE II CONSTRUCTION

INSTALL TEMPORARY BARRICADES, SIGNS, AND TEMPORARY PAVEMENT MARKINGS AS DETAILED ON TRAFFIC CONTROL AND PROTECTION STANDARD 701301.




EXISTING GUARDRAIL ON WEST SIDE IS TO REMAIN IN PLACE DURING STAGE I CONSTRUCTION AND NEW GUARDRAIL MUST BE ERECTED BEFORE OPENING LANE TO TRAFFIC.

INSTALL TEMPORARY EARTH RETAINING SYSTEM.

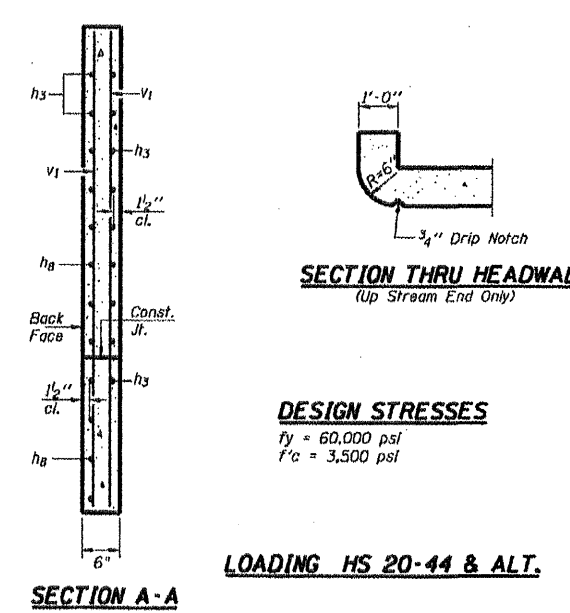
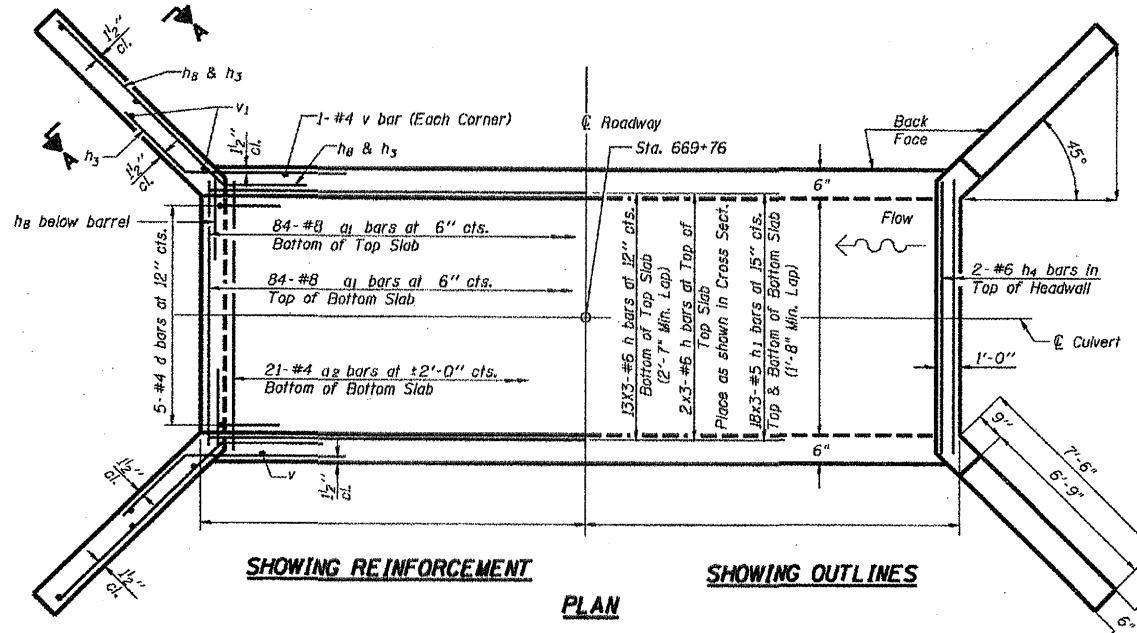
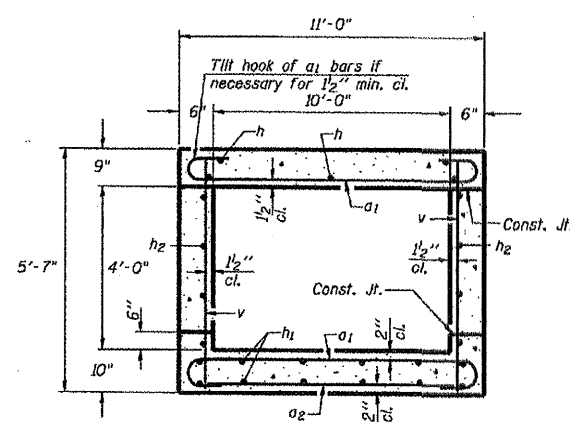
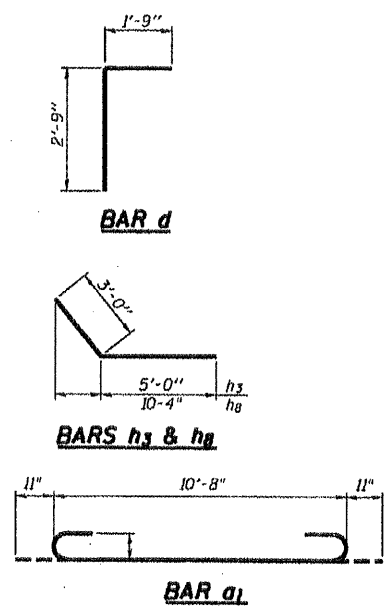
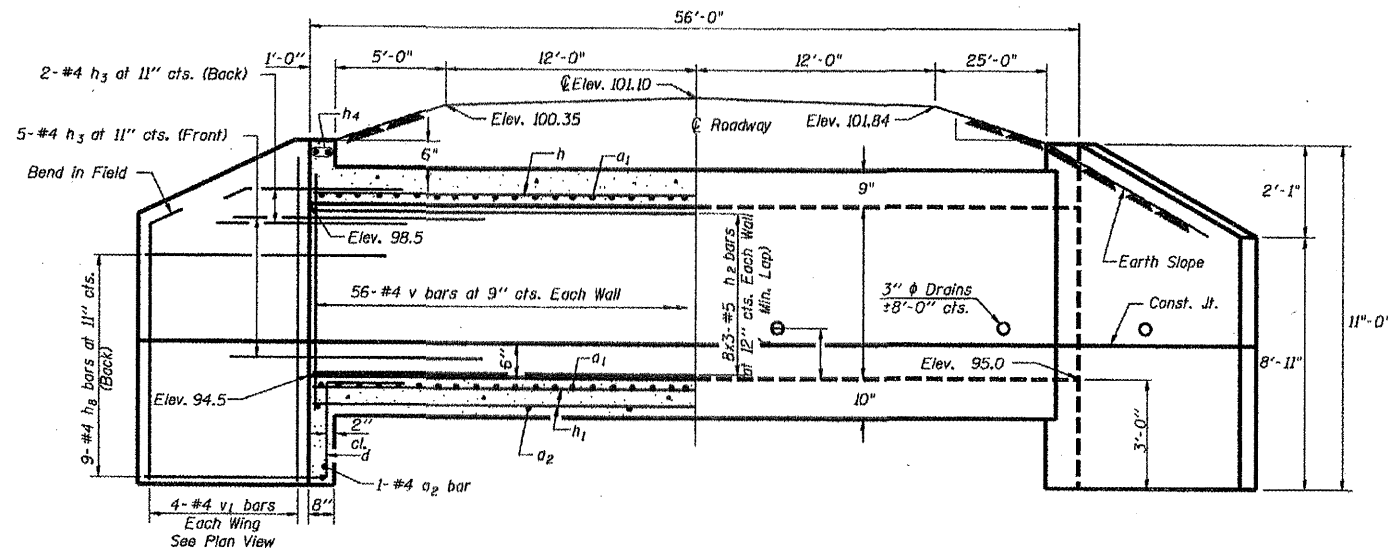
PERFORM WORK SUCH AS; PAV. REM., GUARDRAIL REM., STRUCTURE REM., REM. OF UNSUITABLE, CAST IN PLACE BOX CULVERT, BACKFILL, HMA BIN. CSE., AND ALL COLLATERAL WORK FOR THE EAST SIDE OF THE ROAD.

STAGE III

CONTRACTOR SHALL COMPLETE MILLING, PAVING, STRIPING OPERATIONS ACCORDING TO THE PLANS. USING TRAFFIC CONTROL AND PROTECTION STANDARD 701306, 701311.

-  HMA BSE CSE WID
-  CONSTRUCTION ZONE
-  HMA BIN CSE

FILE NAME = 68406 sheets.dgn	USER NAME = kslmarkk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING PLANS STAGE II CONSTRUCTION			F.A.P. RTE. 685/618	SECTION 36(RS-1)(C-2)	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 22
		DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 2 OF 2 SHEETS	STA. 669+76	CONTRACT NO. 68406		ILLINOIS FED. AID PROJECT		
		PLOT SCALE = 100,0000' / IN.	REVISED -									
		PLOT DATE = 4/22/2009	REVISED -									



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	168	#8	12'-6"	U
a2	21	#4	9'-8"	—
d	10	#4	4'-6"	L
h	39	#6	20'-7"	—
h1	54	#5	19'-8"	—
h2	30	#5	19'-8"	—
h3	28	#4	8'-0"	—
h4	4	#6	10'-6"	—
h8	36	#4	10'-4"	—
v	118	#4	5'-3"	—
v1	16	#4	12'-8"	—
Concrete Box Culverts Cu. Yd.				55.2
Reinforcement Bars Pound				9994
Bar Splicers Each				41

DESIGN STRESSES
 $f_y = 60,000 \text{ psi}$
 $f'_c = 3,500 \text{ psi}$

LOADING HS 20-44 & ALT.

NOTES

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
 Bars indicated thus 12 x 4-#5 etc, indicates 12 lines of bars with 4 lengths per line.
 All construction joints shall be bonded.
 Precast alternate is not allowed.

SSB-H-0 10-22-04

FILE NAME = 08486 sheets.dgn	USER NAME = k1markk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	S.N. 055-2506 10'X4' CAST IN PLACE CONCRETE BOX CULVERT STATION 669+76	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 1'-0"	DRAWN -	REVISED -			685/618	36(RS-1)C-21	MCDONOUGH	52	23
	PLOT DATE = 5/5/2009	CHECKED -	REVISED -			CONTRACT NO. 68406				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 3/13/07

ROUTE FAP 685 (IL9) DESCRIPTION 10'x3.5'Box, 0.78mi N of Timberview Lake Rd, 2mi N of Bushnell LOGGED BY JAR
SECTION 36(RS-1)C-2 LOCATION Bushnell Township NW1/4,NW1/4, SEC. 23, TWP. 7N, RNG. 1W, 4th PM,
COUNTY McDonough DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. Station	BORING NO. Station	Ground Surface Elev.	Soil Description				Soil Properties			
			D	B	U	M	D	B	U	M
			(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)
No Sample			Brown, Gray SILTY CLAY (continued)				2 B			
309.40			1" wet sand seam				1			
Dark Brown SILTY CLAY LOAM DS FL exist culv			2 0.8 31				2 0.8 24			
308.50			2 B				2 P			
306.90			Brown, Gray SILTY CLAY				2			
			1 0.3 31				3 2.5 26			
			2 B				5 B			
304.40			Brown, Gray CLAY LOAM				3			
			2 1.4 30				4 2.7 25			
			2 B				6 B			
			1				3			
			2 1.3 32				4 2.1 26			
			2 B				8 B			
			1" sand seam							
279.40			Dark Brown SILTY PEAT				2			
			2 1.6 24				3 1.9 38			
			4 B				5 B			
276.90			Gray SILTY CLAY				3			
			2 1.6 23				4 0.8 29			
			3 B				4 B			
275.40			BM = DS FL elev from old set of plans=308.5'							
			End of Boring							
294.40			Brown, Gray SILTY CLAY				1			
			2 1.2 21							
			2 B							
			1							
			2 0.9 24							
			20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

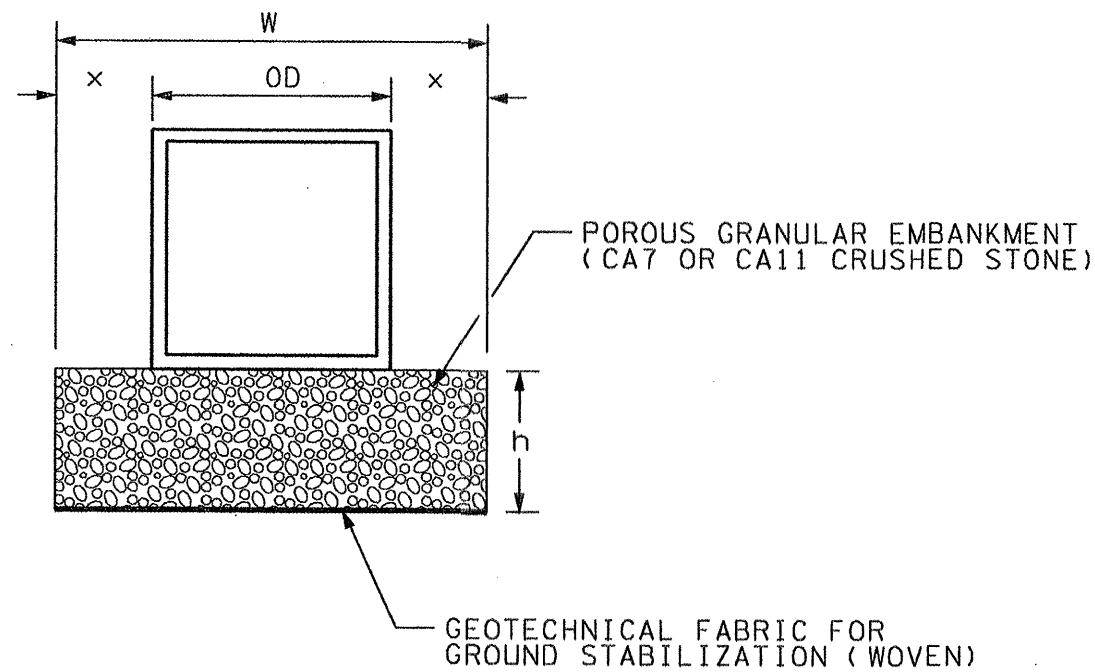
Page 1 of 1

Date 3/13/07

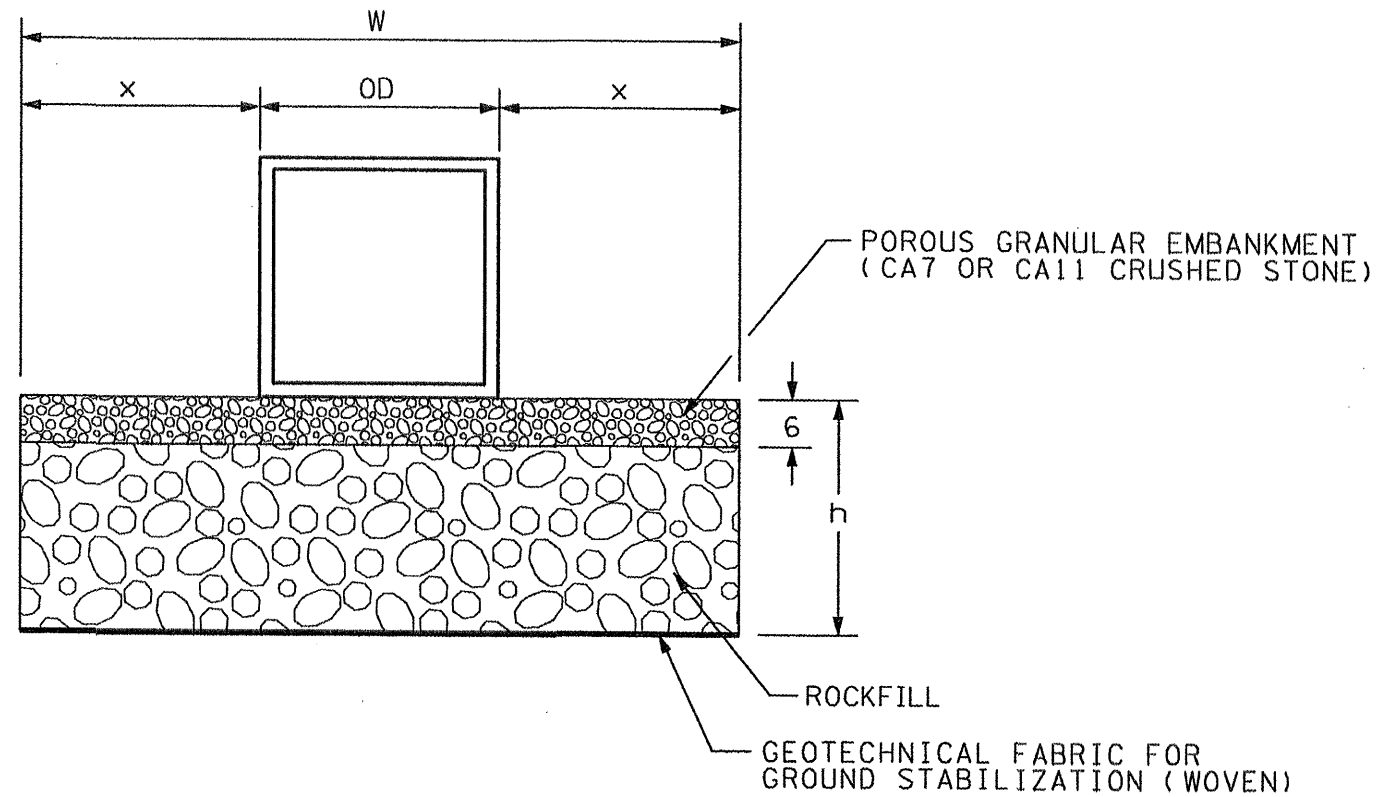
ROUTE FAP 685 (IL9) DESCRIPTION 10'x3.5'Box, 0.78mi N of Timberview Lake Rd, 2mi N of Bushnell LOGGED BY JAR
SECTION 36(RS-1)C-2 LOCATION Prairie City Township SW1/4,SW1/4, SEC. 14, TWP. 7N, RNG. 1W, 4th PM,
COUNTY McDonough DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. Station	BORING NO. Station	Ground Surface Elev.	Soil Description				Soil Properties			
			D	B	U	M	D	B	U	M
			(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)
No Sample			Brown, Gray SILTY CLAY (continued)				2 B			
311.10			Dark Brown SILTY CLAY LOAM				1			
			2 1.1 28				1 0.8 19			
			3 B				2 P			
309.00			US FL exist culv							
			1				2 1.5 27			
			2 1.5 27				5 B			
306.10			Brown, Gray CLAY LOAM				1			
			1 0.7 31				1 1.5 27			
			2 B				4 P			
			1				1			
			2 0.5 41				3 1.3 25			
			2 B				6 P			
			2				2			
			1 1.6 26				3 1.8 34			
			2 B				4 B			
			trace of SILTY PEAT							
			5							
			2 1.2 23				6 1.5 25			
			3 B				7 P			
			2				3			
			1 1.0 24				4 2.0 23			
			2 B				6 P			
274.60			GRAVELLY @36.5'							
			2							
293.60			BM = US FL elev from old set of plans=309.0'							
			End of Boring							
Brown, Gray SILTY CLAY			1							
			2 0.9 23							
			20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



ALTERNATE I: UNDERCUT 18" OR LESS



ALTERNATE II: FOR >18" TO 36" UNDERCUT

CULVERT LOCATION	UNDERCUT			
	DEPTH	WIDTH		
	h	x	OD	W
18.0' LT TO 38.0' RT	2.5'	2.0'	11.0'	15.0'

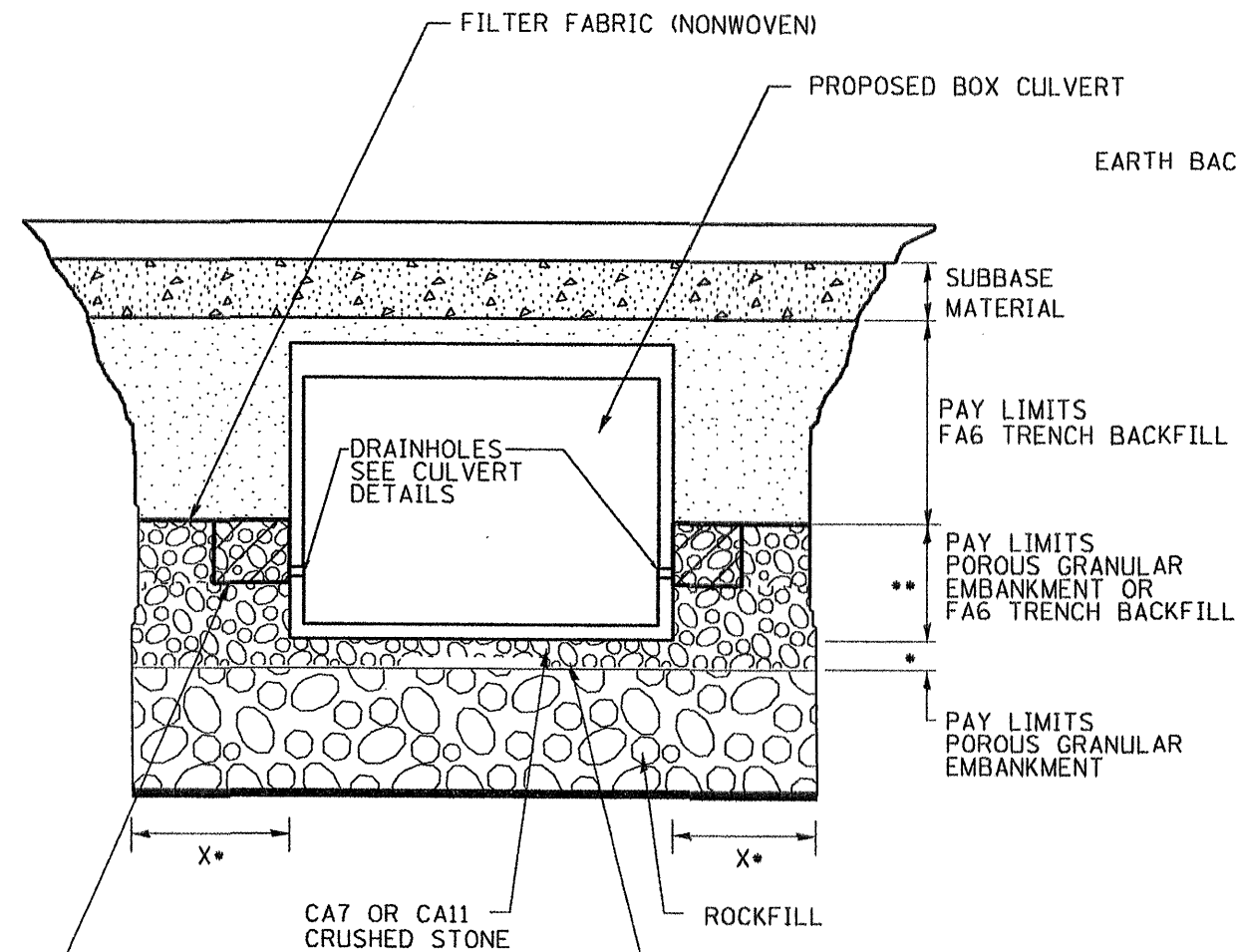
GENERAL NOTES:

- Undercut if the Dynamic Cone Penetrometer tests indicate soil strength is less than 1 ton/sq ft.
- DEFINITIONS:
 OD = Outside width of box culvert.
 h = Depth of undercut.
 x = h or minimum 2 feet, which ever is greater for box culverts.
 W = Width of undercut = $2x + OD$.
- For undercuts greater than 36", use Alternate II with undercut treatments as directed by the District Geotechnical Engineer.

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

FILE NAME = 68406 sheets.dgn	USER NAME = kilmonkk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNSUITABLE EXCAVATION TREATMENT DETAIL FOR BOX CULVERT - STA. 669+76	F.A.P. RTE. 685/618	SECTION 36(RS-11C-21)	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 25	
PLOT SCALE = 100.0000 "/ IN.	CHECKED -	REVISED -	REVISED -			NOT TO SCALE	SHEET NO. 1 OF 1 SHEETS	STA. 669+76	CONTRACT NO. 68406		
PLOT DATE = 4/22/2009	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

ROADWAY ζ PROFILE VIEW



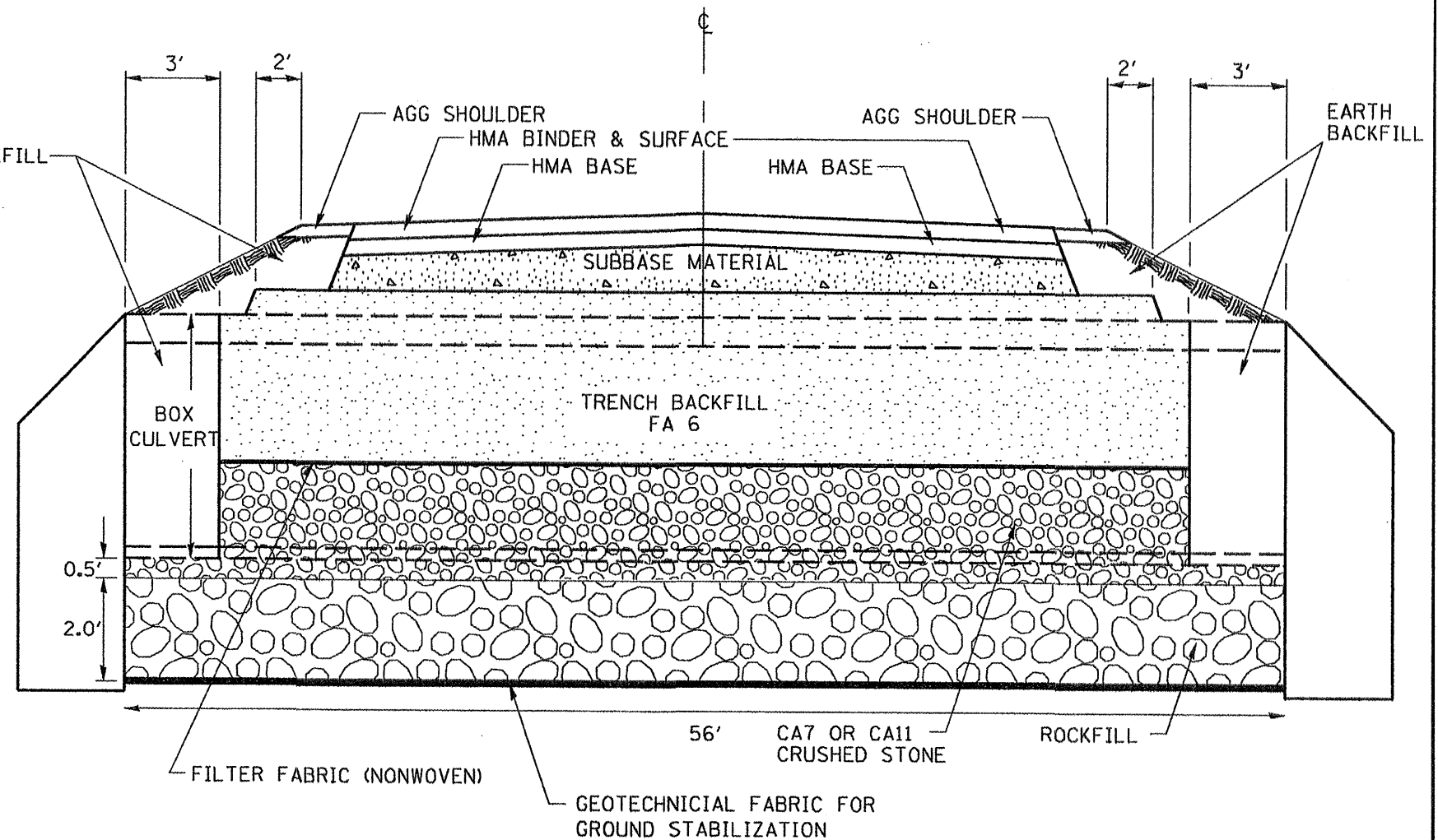
2' x 2' x 2' DEPOSIT OF CA 5, 7, OR 11 IN FABRIC ENVELOPE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS (TYPICAL)

PROPOSED REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL, AND REPLACE WITH POROUS GRANULAR EMBANKMENT WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION. PAID FOR BY RESPECTIVE PAY ITEMS.

* SEE UNDERCUT DETAIL FOR DEPTHS AND WIDTHS. IF THERE IS NO UNDERCUT, X = 2 FEET.

** EXTEND THE POROUS GRANULAR EMBANKMENT TO THE TOP OF THE DRAINHOLE FILTER FABRIC ENVELOPES. IF THE BOX CULVERT DOES NOT HAVE DRAINHOLES, THEN BEGIN PLACING TRENCH BACKFILL AT THE BOTTOM OF THE CULVERT.

ROADWAY CROSS SECTION VIEW



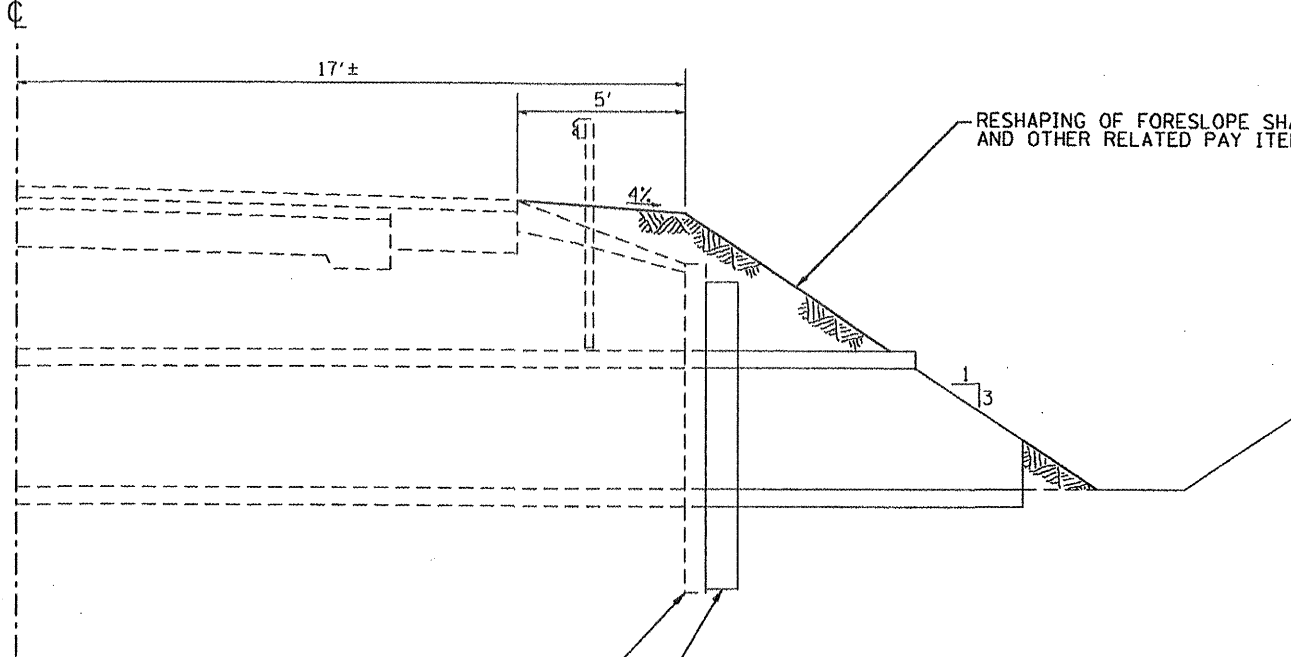
NOTES:

- EXCEPT AS SPECIFIED IN THIS DETAIL, THE PLACEMENT AND COMPACTION OF BACKFILL SHALL BE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS.
- TRENCH BACKFILL SHALL BE COMPACTED BY EITHER METHOD 2 OR METHOD 3 SPECIFIED IN ARTICLE 550.07, OR IN ACCORDANCE WITH METHOD 1 SPECIFIED IN ARTICLE 550.07, EXCEPT THAT THE COMPACTED LIFTS SHALL NOT EXCEED 8" IN THICKNESS. TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% OF STANDARD LAB DENSITY.

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

FILE NAME = 68406 sheets.dgn	USER NAME = kilmrkk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERT STA. 669+76	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			685/618	36IRS-1IC-21	MCDONOUGH	52	26	
		CHECKED -	REVISED -			CONTRACT NO. 68406					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. 669+76							

IL 9/IL 41



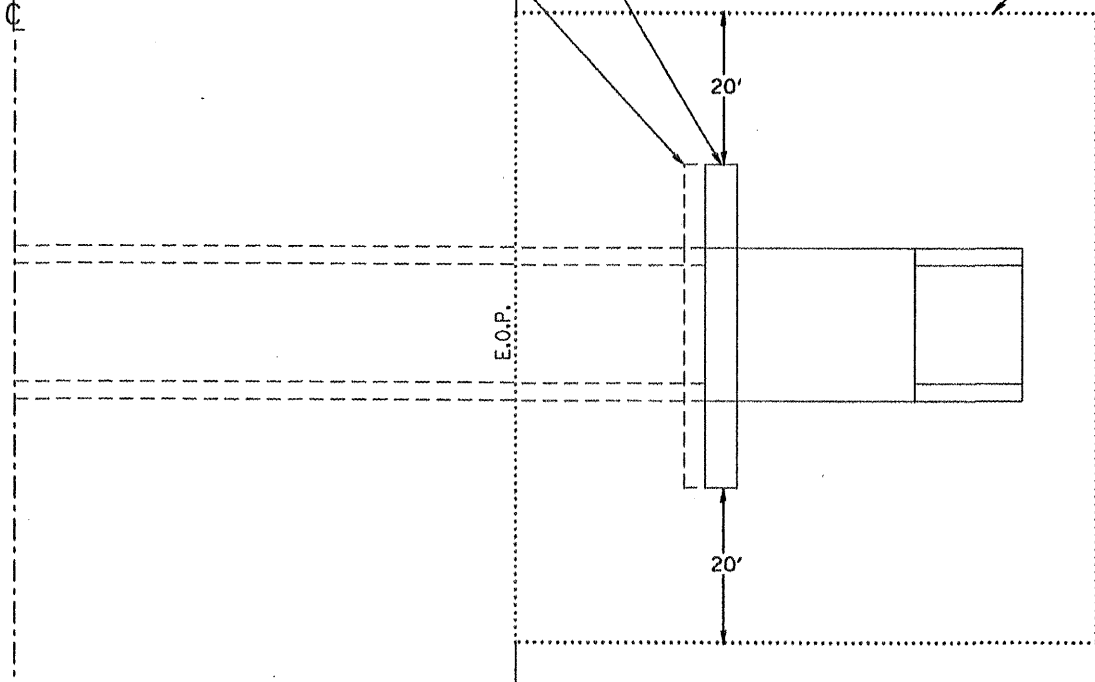
ELEVATION

EXISTING HEADWALL

EARTHWORK LIMITS

SEE COLLAR FOR BOX CULVERT EXTENSIONS - (CADD STD. 540001-D4)

IL 9/IL 41

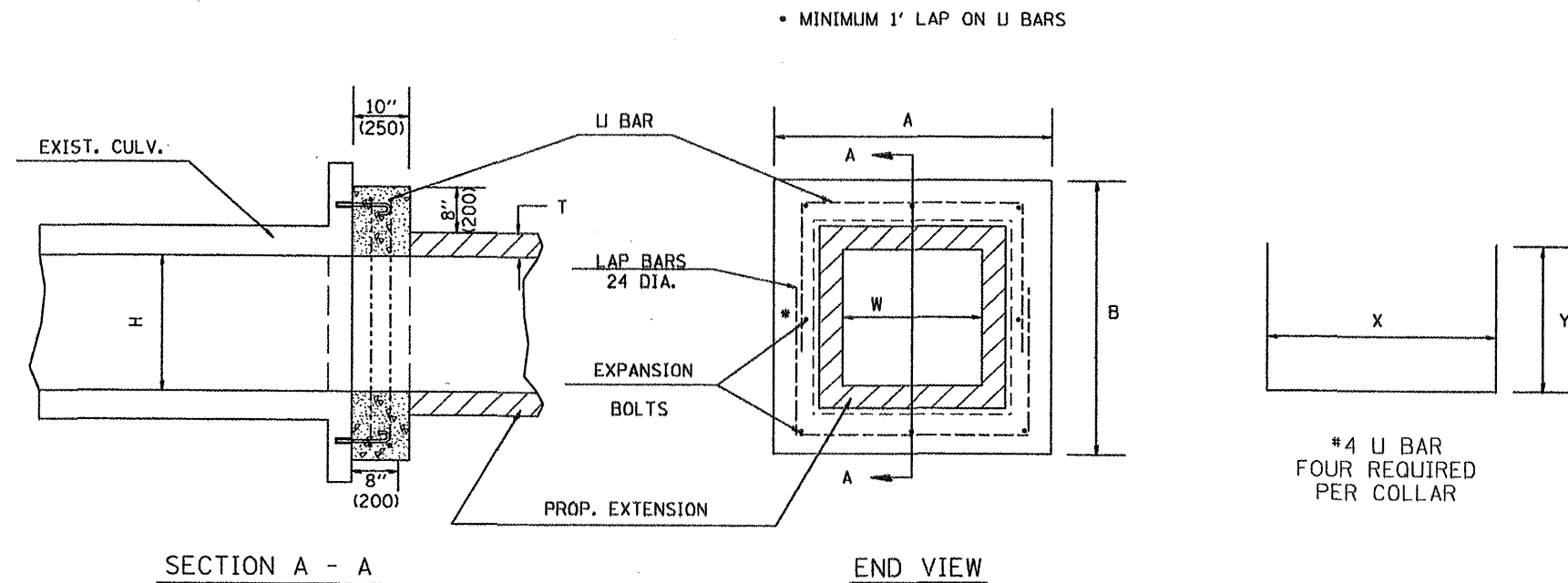


PLAN

BOX CULVERT EXTENSIONS

LOCATION	BOX SIZE	END SECTIONS	CLASS SI CONCRETE	REBAR	EXPANSION BOLTS
STA. 704+86	2' X 2'	2	0.74	40	16
STA. 747+31	2' X 2'	2	0.74	40	16
STA. 778+13	2' X 3'	2	0.86	46	16
TOTALS		6 EACH	1.7 CU YD	126 LB	48 EACH

DESIGNER NOTE:
USE CLASS SI CONCRETE COLLAR PAY ITEM (XX007906) IF PAYING FOR THIS BY EACH.



GENERAL NOTES

1. The collar shall be constructed entirely of CLASS SI CONCRETE and in accordance with the applicable portions of section 503 of the Standard Specifications. REINFORCEMENT BARS shall conform to section 508.
2. Expansion bolts shall consist of approved expansions anchors, and 3/4" (M20) hook bolts which conform to Section 1006.09. These bolts shall extend at least 8"(200) into the new concrete.
3. All concrete, reinforcement bars, and expansion bolts shall be included in the contract unit price per Each for Class SI Concrete Collar.

* Dimensions for ASTM C789.

DIMENSIONS

EXISTING BOX		A	B	T *	EACH COLLAR				
W ft (mm)	H ft (mm)				CL SI CU YD (m ³)	REINFORCEMENT BARS		EXPANSION BOLTS	
					X	Y	POUNDS (kg)	NO.	
2 (600)	2 (600)	4'-0" (1.22m)	4'-0" (1.22m)	4(100)	0.37(0.28)	3'-4" (1.02m)	26(660)	20 (9)	8
3 (900)	2 (600)	5'-0" (1.52m)	4'-0" (1.22m)	4(100)	0.43(0.31)	4'-4" (1.32m)	26(660)	23 (10.5)	8

QUANTITIES

CALC. BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE, BUREAU OF PROJECT IMPLEMENTATION, DOCUMENTATION SECTION

01-01-97	RENUM. J-12.01, METRICS, NEW REVISION BOX, REVISED	T.P.
	TITLE BOX, ADDED QUANTITY CALCULATION BOX	
10-16-06	REV. TO 2007 SPEC., REINF. BARS COL.	M.A.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

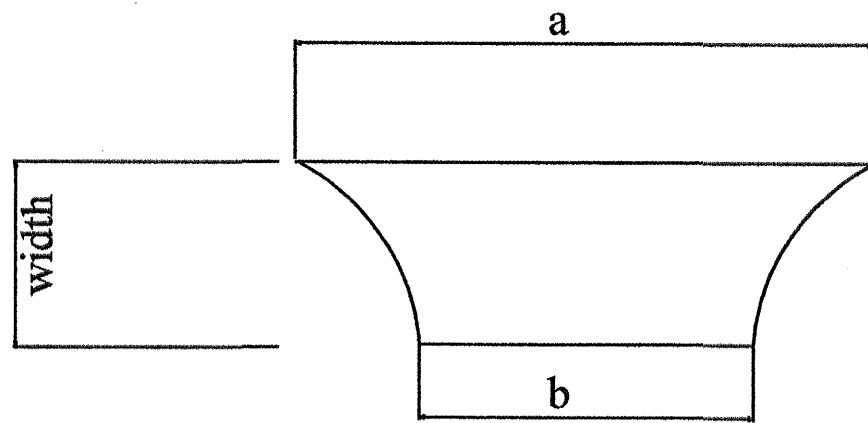
CLASS SI CONCRETE COLLAR DETAIL

NOT TO SCALE SHEET 1 OF 1

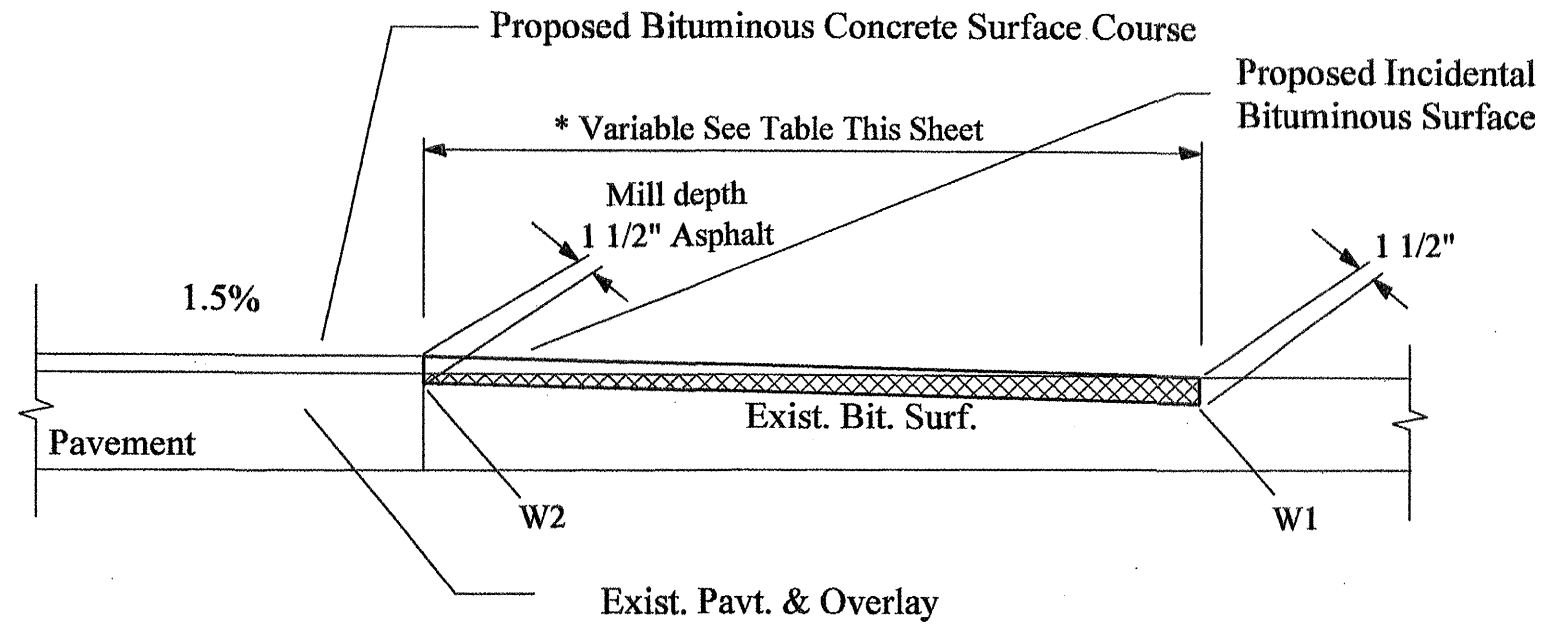
All dimensions are in Inches (millimeters) unless otherwise noted.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1)(C-2)	MCDONOUGH	52	28
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68406	

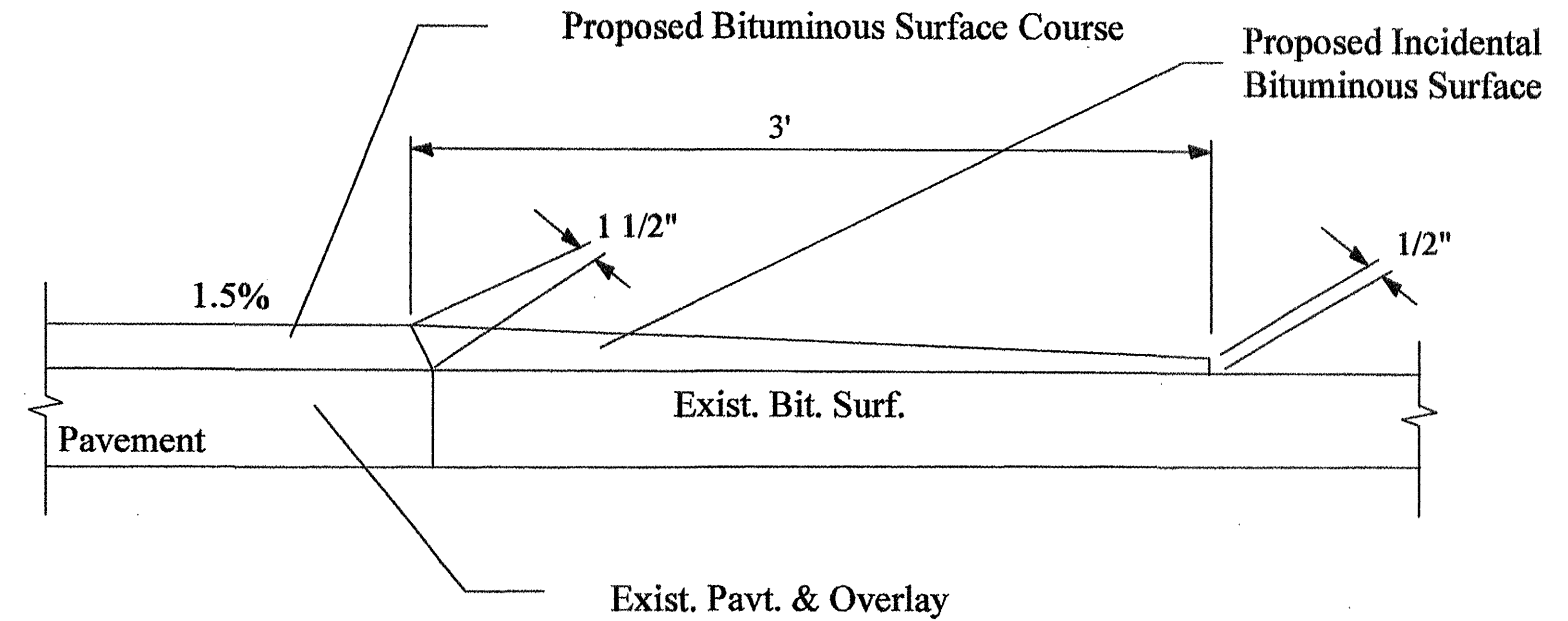
$$\text{Area} = \text{Width} * \text{Avg} (a,b) / 9$$



SIDEROADS



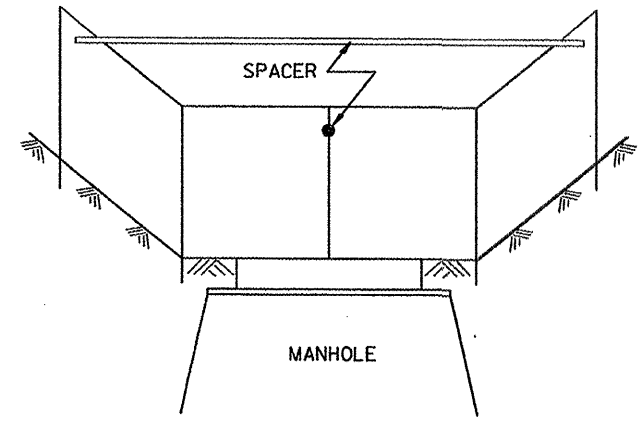
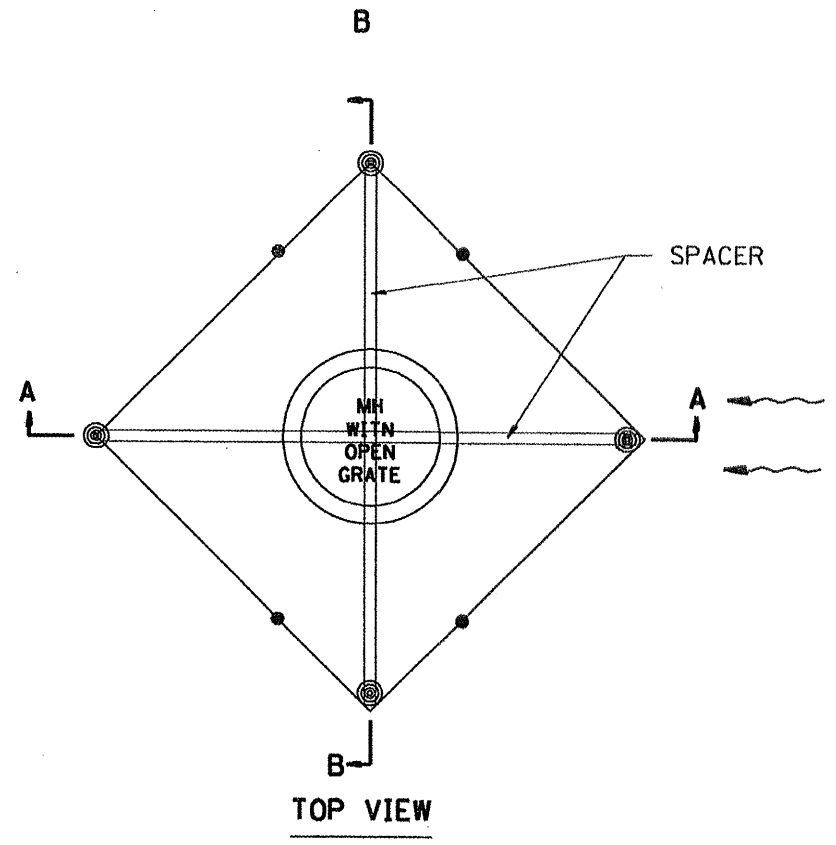
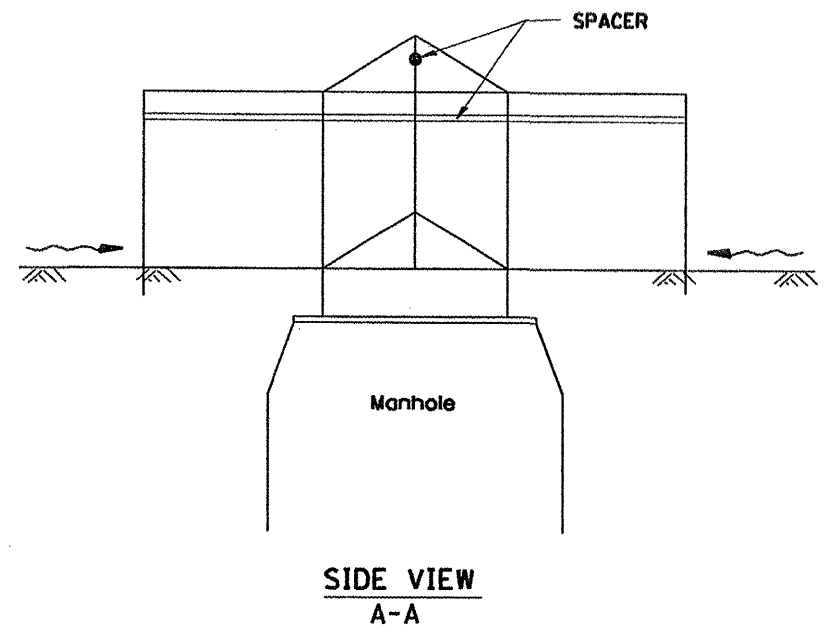
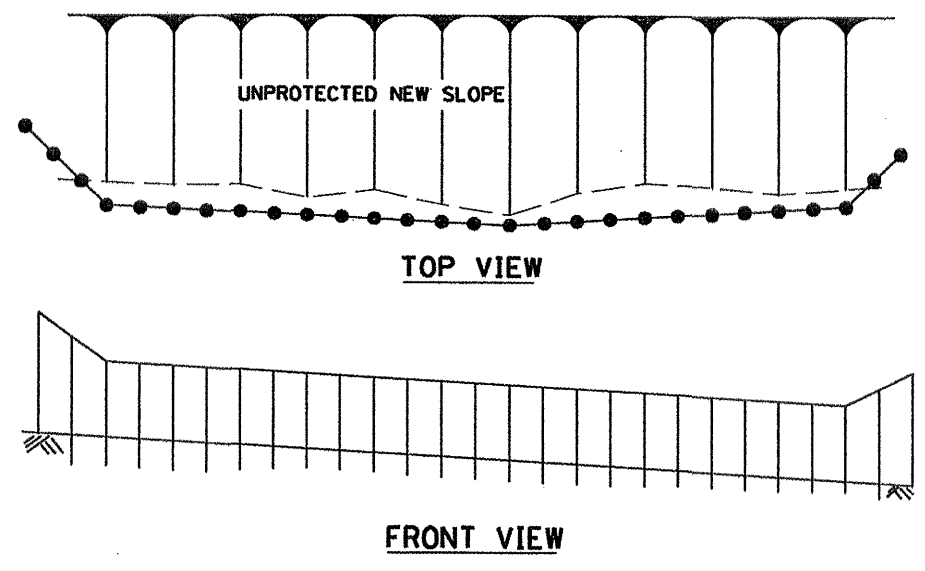
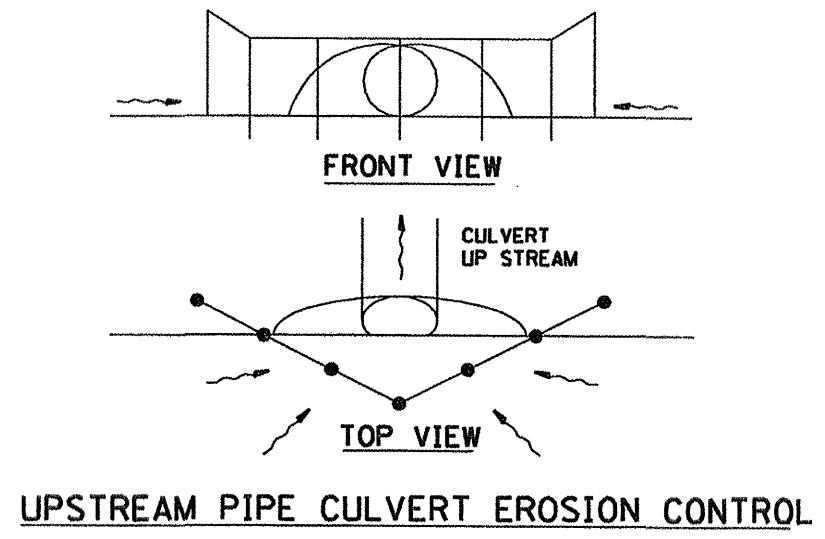
SIDEROADS



DRIVEWAYS AND MAILBOX TURNOUTS

STATION	DESCRIPTION	a	b	c	SQ. YDS.
Sta. 643+02 Lt.	E 2250	68.0	25.0	17.0	87.8
Sta. 668+00 Rt.	N 2100	120.0	42.0	17.0	153.0
Sta. 668+88 Rt.	N 2100	44.0	16.0	17.0	56.7
Sta. 671+70 Rt.	REST AREA	67.0	32.0	23.0	126.5
Sta. 728+30 Rt.	N 2000	58.0	24.0	17.0	77.4
Sta. 728+30 Lt.	N 2000	77.0	28.0	17.0	99.2
Sta. 643+50 Rt.	Mailbox Turnout	24.0	4.0		10.7
Sta. 728+00 Rt.	Mailbox Turnout	24.0	4.0		10.7
TOTAL SQ. YDS.					622.0

Designer NOTES:
 1. Designer to modify this Special Detail sheet, as needed, for inclusion in plans.
 2. Include Highway Standard 280001 "TEMPORARY EROSION CONTROL SYSTEM."



**EROSION CONTROL
AT
OPEN GRATE MAN HOLE**

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

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

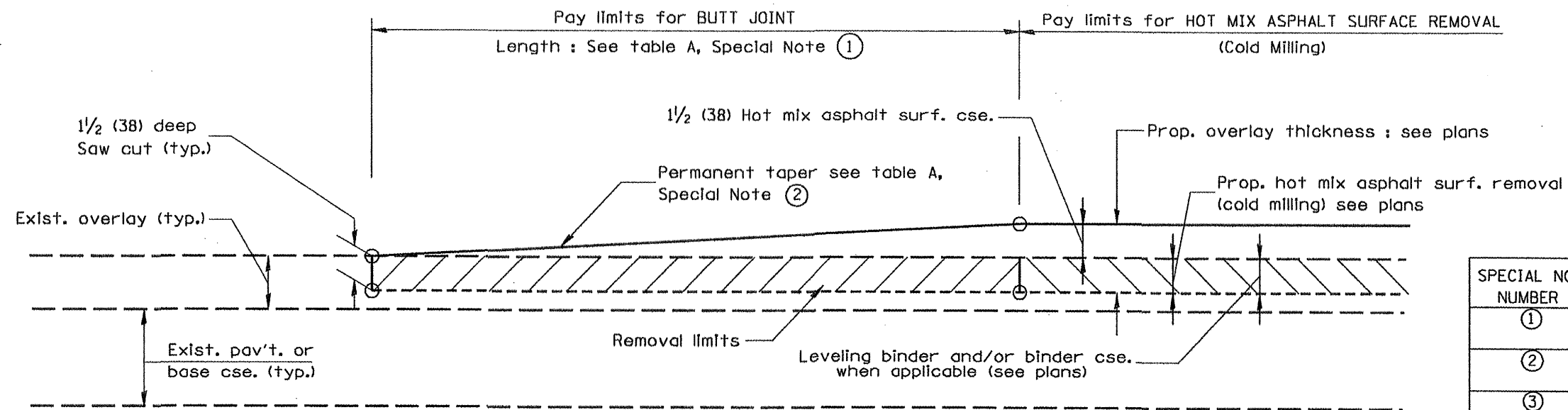
1-1-97	T.P.
3-11-03	M.A.
ELIMINATED SILT FENCE DITCH CHECK	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL APPLICATION OF SILT FILTER FENCE
 NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1C-2)	MCDONOUGH	52	30
CONTRACT NO. 68406				
ILLINOIS FED. AID PROJECT				

CADD STD. 280001-D4



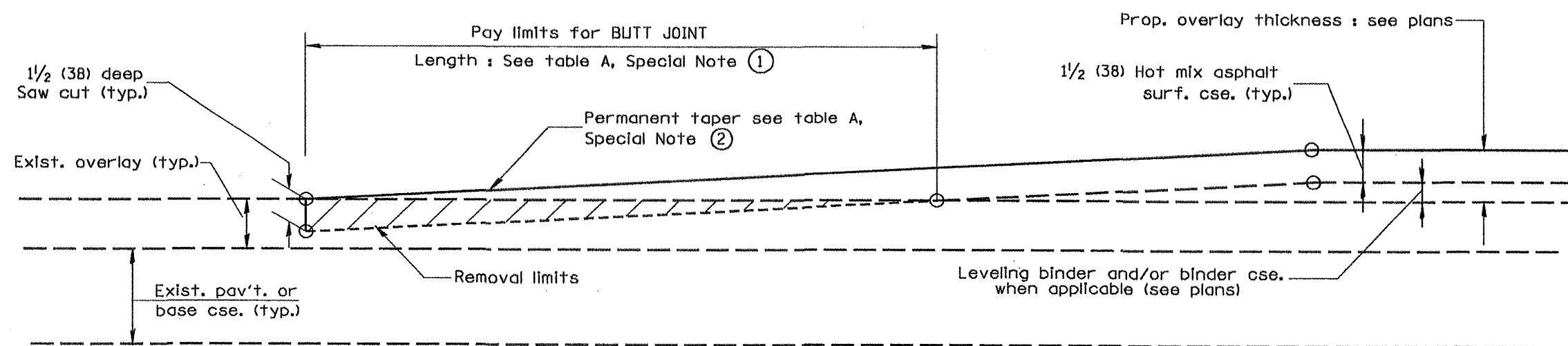
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
04-01-97	CORRECTION TO DEPTH	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

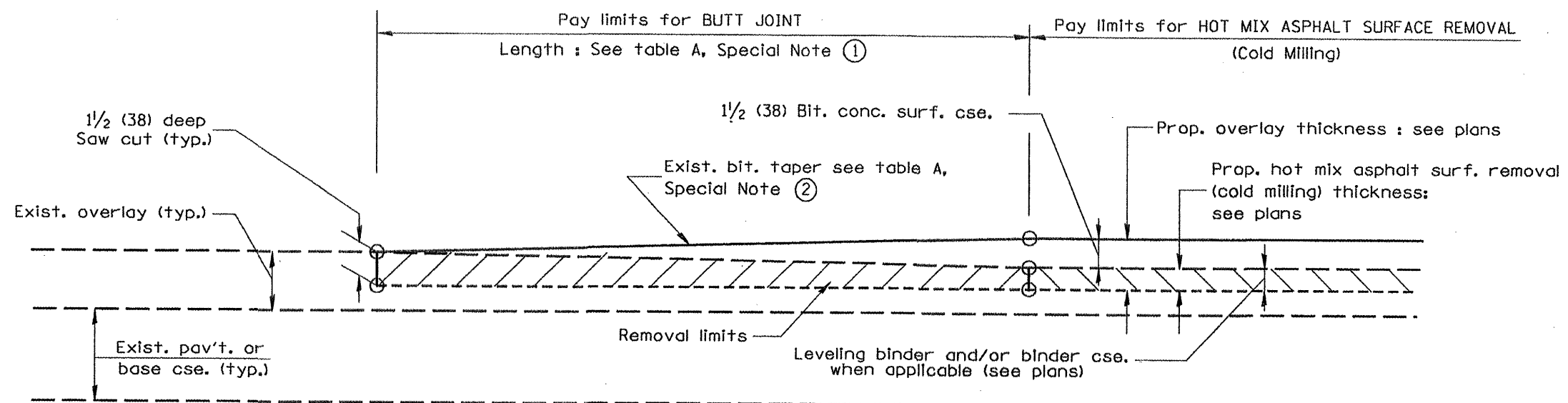
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

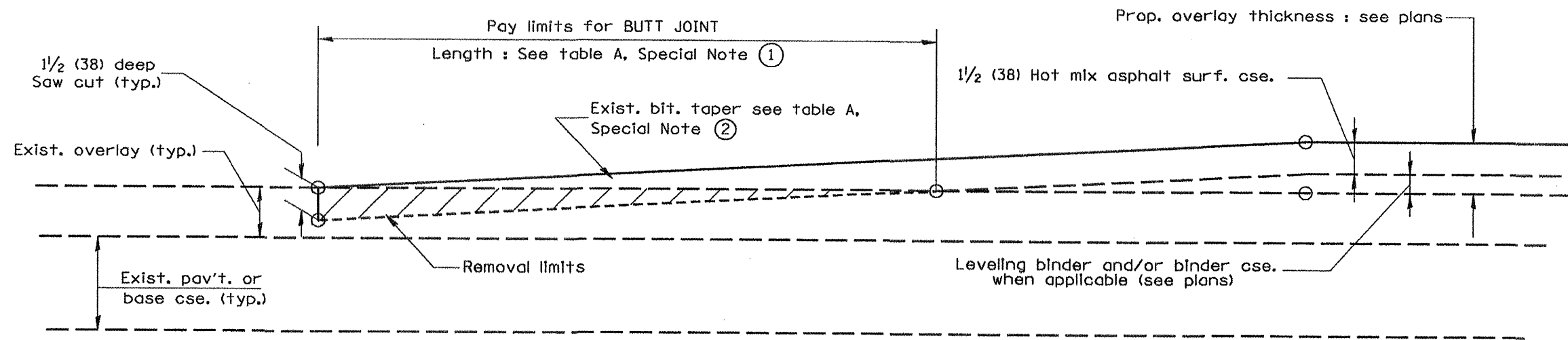
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 406101-D4

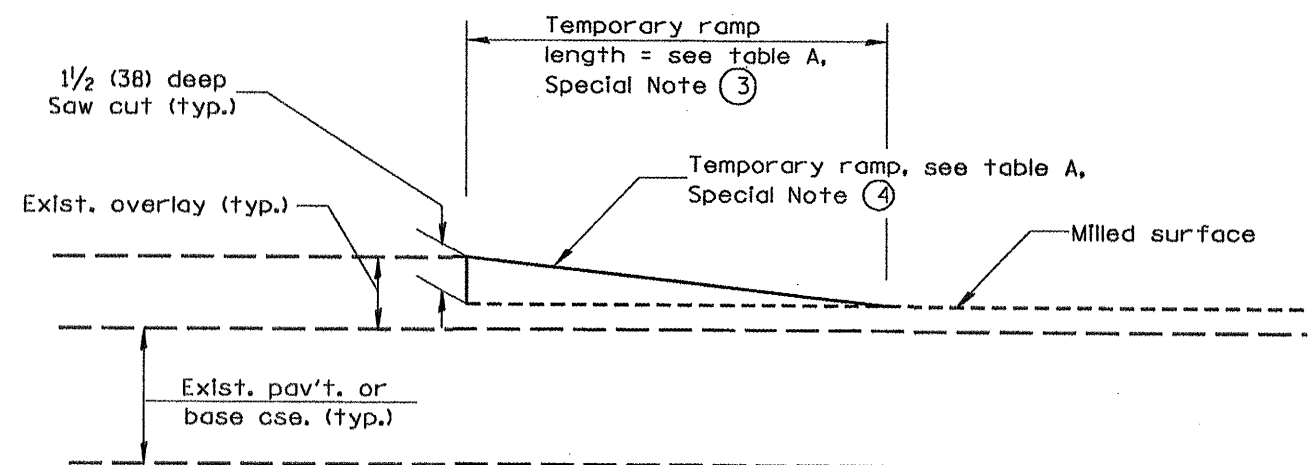
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1)C-21	MCDONOUGH	52	31
CONTRACT NO. 68406			ILLINOIS FED. AID PROJECT	



**CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



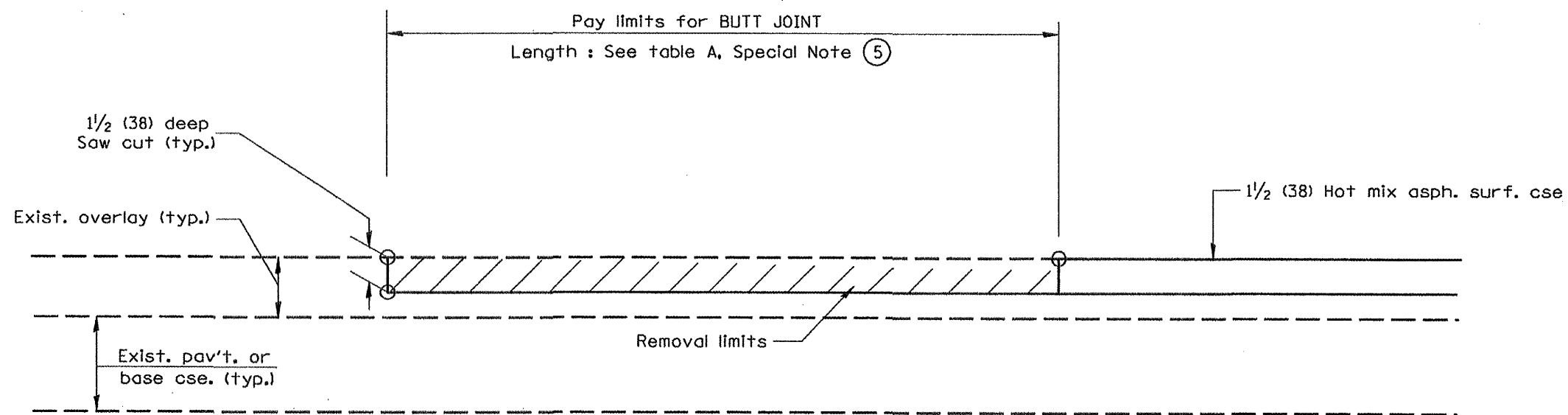
**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

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

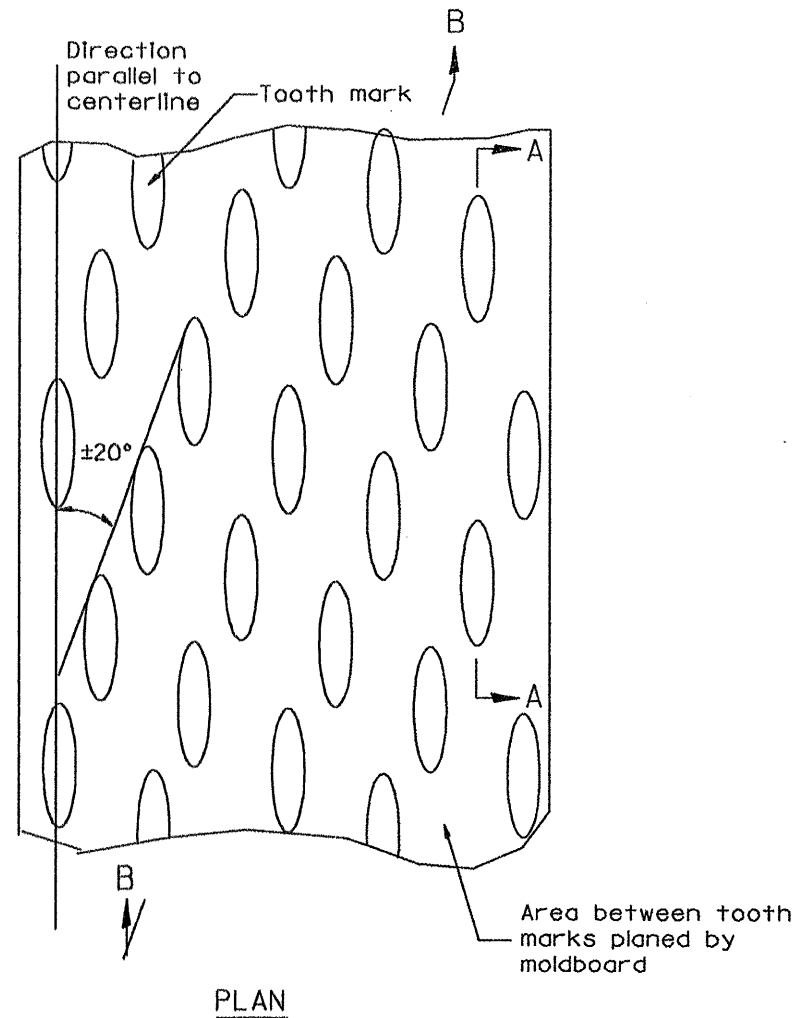
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4		NOT TO SCALE	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
685/618	36RS-1(C-2)	MCDONOUGH	52	32	CONTRACT NO. 68406		
ILLINOIS FED. AID PROJECT							



**CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

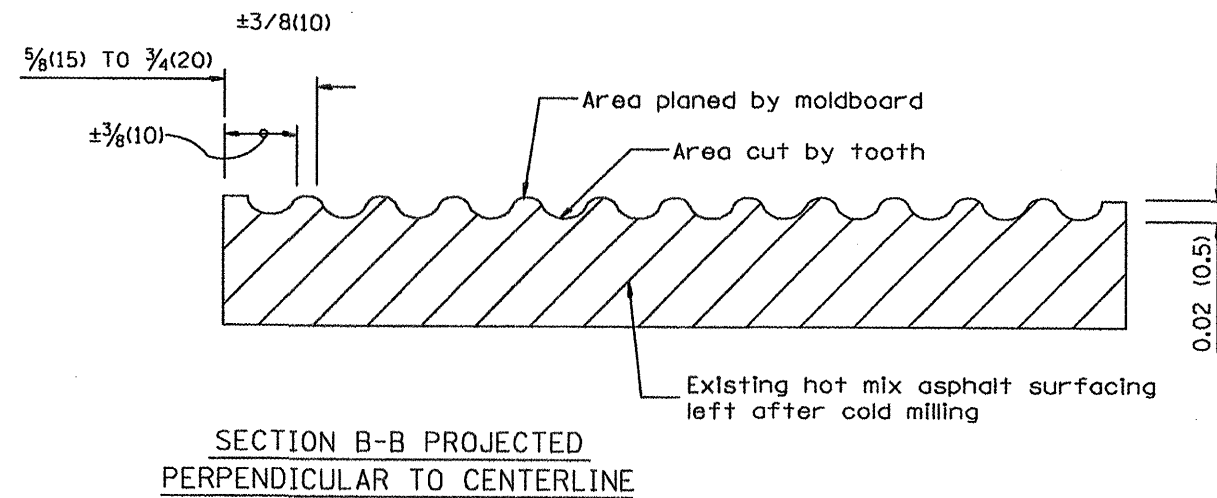
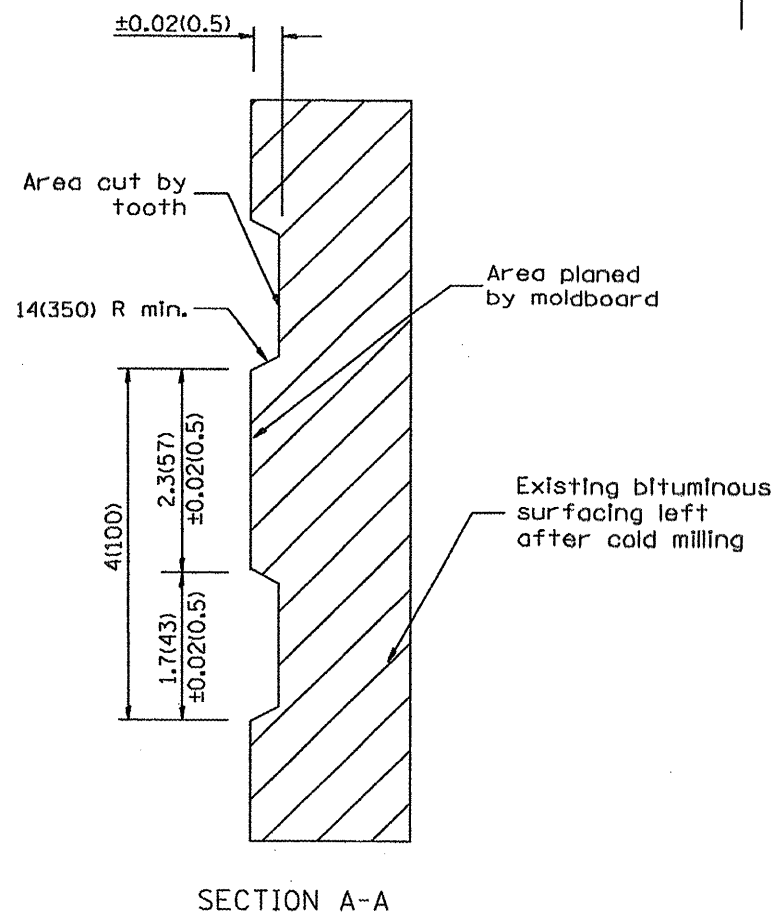
All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>685/618</td> <td>3B(RS-1C-2)</td> <td>MCDONOUGH</td> <td>52</td> <td>33</td> </tr> </table>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	685/618	3B(RS-1C-2)	MCDONOUGH	52	33
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																	
685/618	3B(RS-1C-2)	MCDONOUGH	52	33																	
								ILLINOIS FED. AID PROJECT													



General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

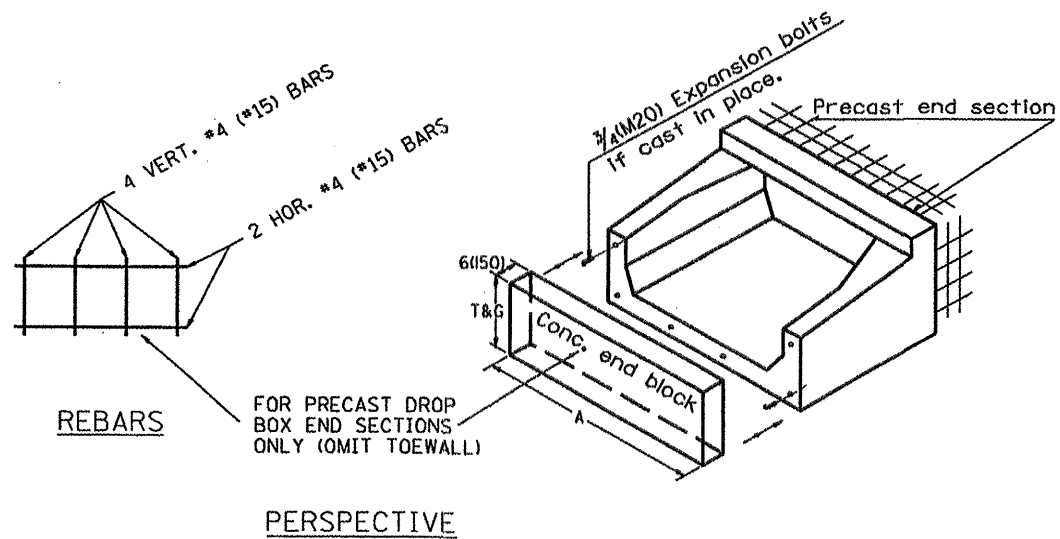
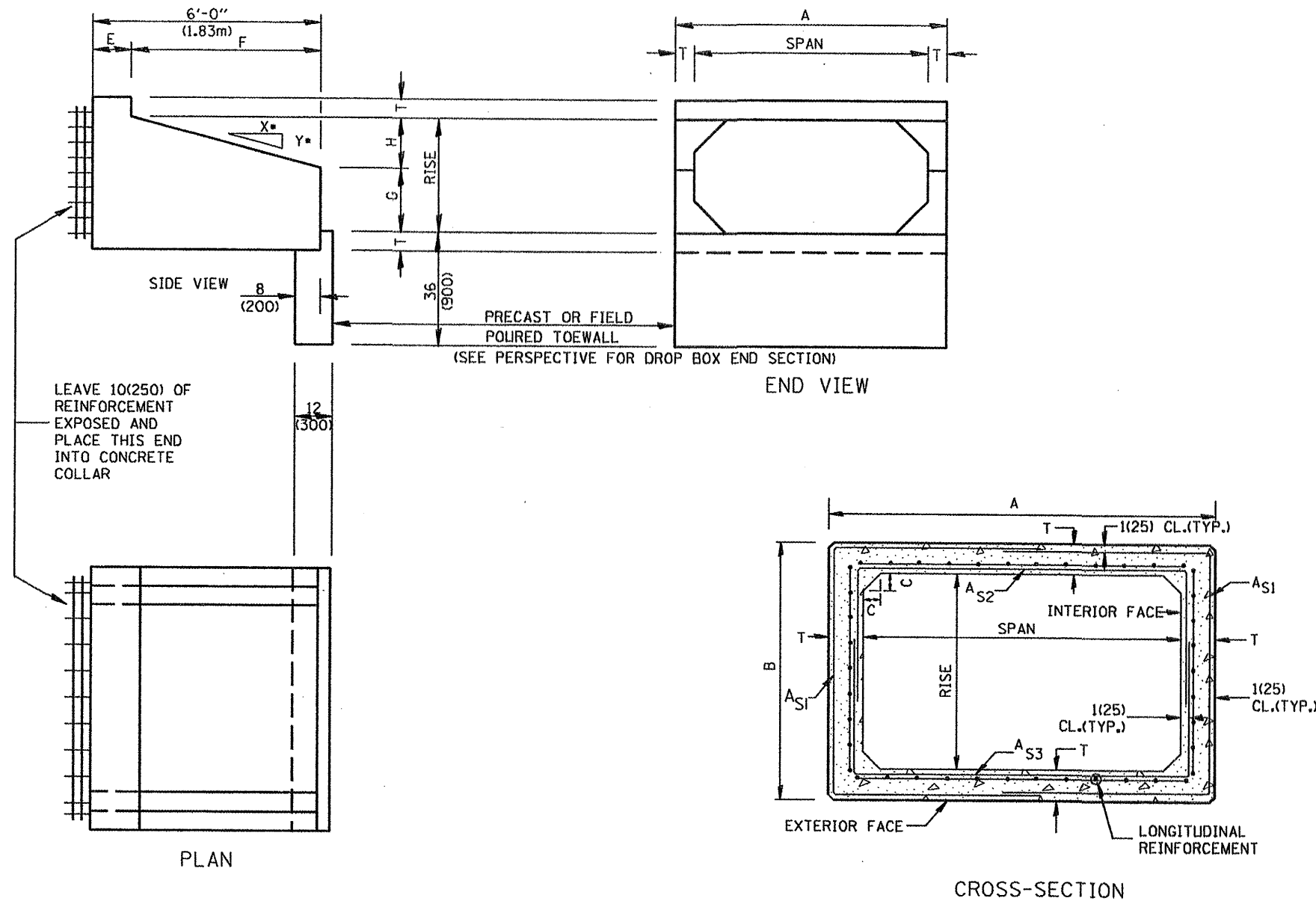
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1)C-2)	MCDONOUGH	52	34
CONTRACT NO. 68406			ILLINOIS FED. AID PROJECT	

CADD STD. 440001-D4

DESIGNER NOTES:
 1. INSERT DISTRICT SPECIAL PROVISION.
 2. TO BE USED IN CONJUNCTION WITH CONCRETE COLLAR.



GENERAL NOTES:

1. The Box Culvert Sections shall conform to ASTM C789 for 2' (0.6 m) cover or more. If less than 2' (0.6 m) of cover exists, then ASTM C-850 applies and modify Table 'B' and drawing.
2. The Aggregate shall conform to the requirements of Articles 1003.02 and 1004.02 of the Standard Specifications. The gradation requirements do not apply.
3. The External Sealing Band shall conform to ASTM C 877. The appropriate portions of Articles 550.02(1) and 1057.01 of the Standard Specifications shall apply.
4. Shop plans for the Precast Reinforced Box Culvert Sections, End Sections and Drop Box End Sections shall be submitted in accordance with Article 540.06 of the Standard Specifications.
5. All dimensions shall be verified with the Supplier.

01-01-97	RENUM. J-12.08 AND J-12.09, NEW FORMAT, METRICS.	T.P.	10-16-06	REVISED TO 2007 SPEC.	N.A.
05-01-97	NEW REVISION BOX, NOTES	J.A.			
06-17-99	CORRECT TITLE & GEN. NOTES	J.A.			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERTS (SPECIAL),
 END SECTION (SPECIAL), &
 DROP BOX END SECTIONS (SPECIAL)

NOT TO SCALE

SHT. 1 OF 2
 CADD STD. 540401-D4

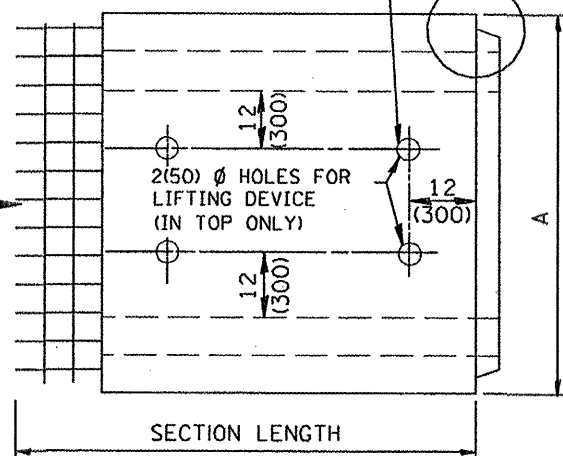
All dimensions are in inches (millimeters) unless otherwise noted.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-11C-2)	MCDONOUGH	52	35
CONTRACT NO. 68406			ILLINOIS FED. AID PROJECT	

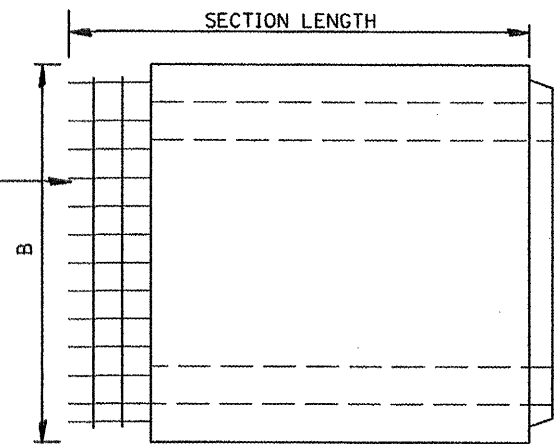
Leave 10(250) of reinforcement exposed and place this end into concrete collar

Location of lifting holes may vary as needed to clear reinforcement

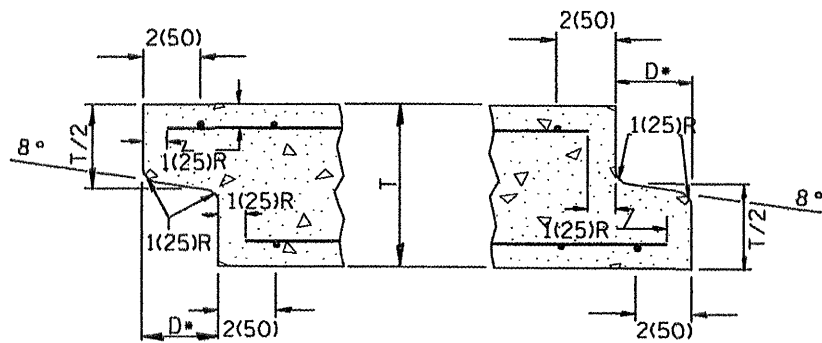
SEE DETAIL A



PLAN



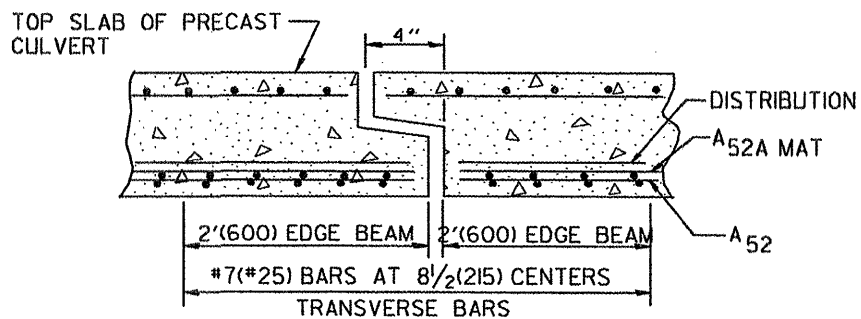
ELEVATION



DETAIL A
(TYP. INLET END) (TYP. OUTLET END)

NOTE: Inlet and outlet ends shall be compatible.

*The D dimension shall conform to the manufacturer's standards.



TYP. JOINT SHOWING EDGE BEAM REINFORCEMENT

NOTE: The additional Reinforcing Steel required for edge beams shall have the same length as As2A. The required area, As10, may be combined with As2 in a single mat or placed in a separate layer as shown above. The additional Steel may be Welded Wire Fabric or grade 60 Deformed Bars.

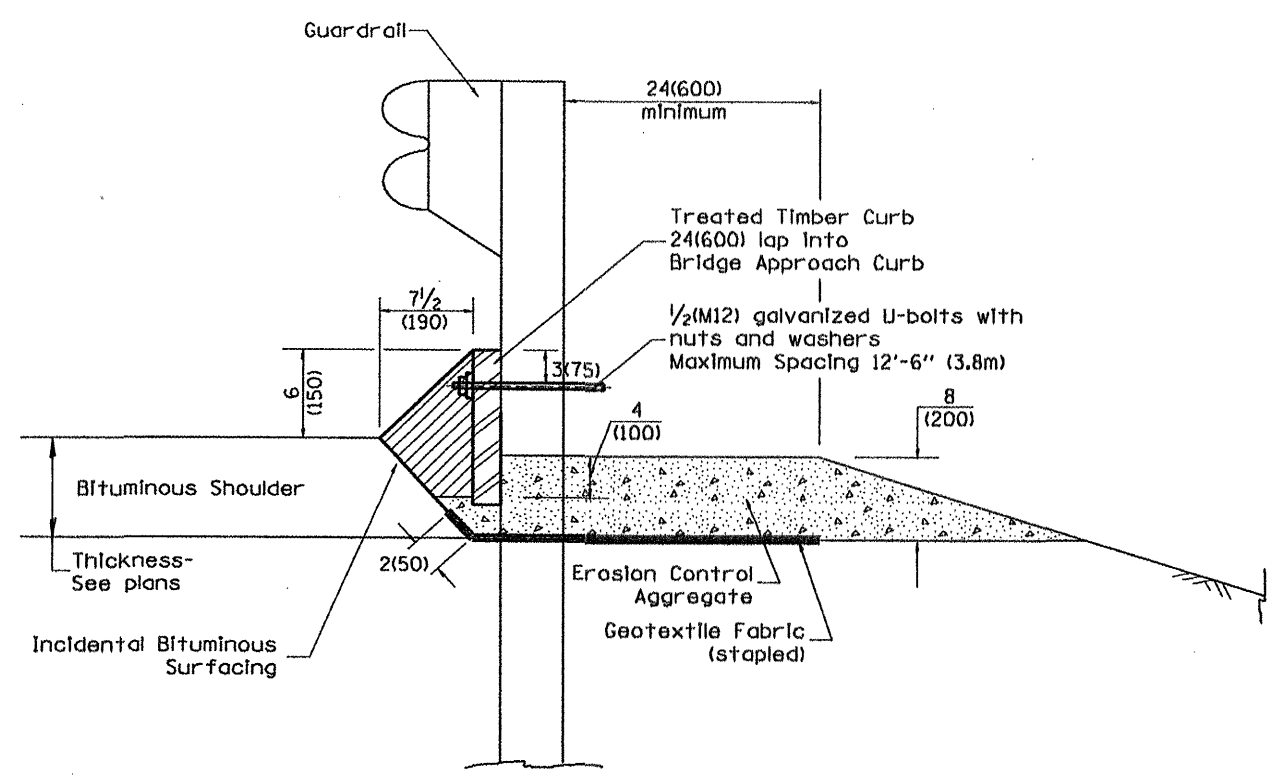
(See GENERAL NOTES on sheet 1 of 2)

(DIMENSIONS APPLY TO END SECTION AND BOX SECTION DETAILS)

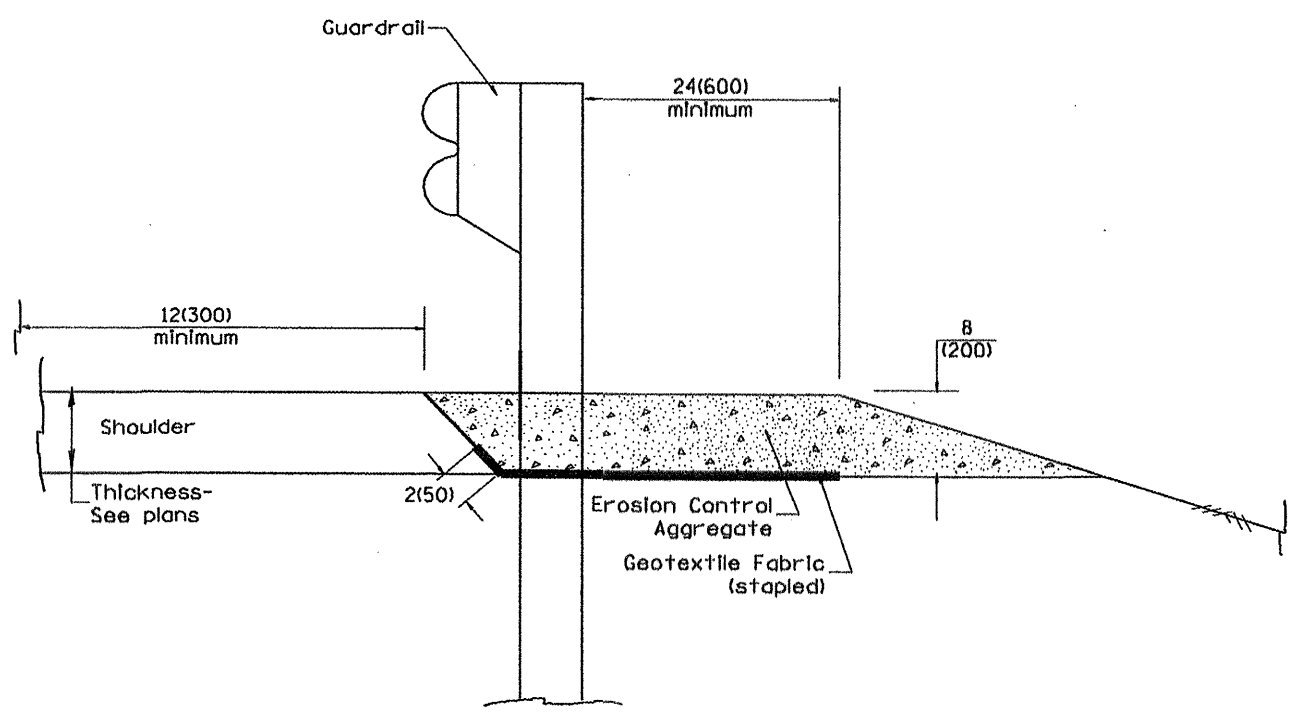
SPAN X RISE ft (mm)	T in (mm)	A in (mm)	B in (mm)	C in (mm)	E in (mm)	F in (mm)	G in (mm)	H in (mm)	SLOPE (Y : X)
2x2 (600x600)	4(100)	32(815)	32(815)	4(100)	36(915)	36(915)	12(305)	12(305)	1 : 3
2x3 (600x900)	4(100)	32(815)	3'-8" (1.12m)	4(100)	24(610)	4'-0" (1.22m)	20(510)	16(410)	1 : 3
3x2 (900x600)	4(100)	3'-8" (1.12m)	32(815)	4(100)	36(915)	36(915)	12(305)	12(305)	1 : 3
3x2.5 (900x750)	4(100)	3'-8" (1.12m)	38(965)	4(100)	30(760)	3'-6" (1.07m)	16(410)	14(355)	1 : 3
3x3 (900x900)	4(100)	3'-8" (1.12m)	3'-8" (1.12m)	4(100)	24(610)	4'-0" (1.22m)	20(510)	16(410)	1 : 3
4x2 (1200x600)	5(125)	4'-10" (1.48m)	34(865)	5(125)	36(915)	36(915)	12(305)	12(305)	1 : 3
4x3 (1200x900)	5(125)	4'-10" (1.48m)	3'-10" (1.17m)	5(125)	24(610)	4'-0" (1.22m)	20(510)	16(410)	1 : 3
4x4 (1200x1200)	5(125)	4'-10" (1.48m)	4'-10" (1.48m)	5(125)	24(610)	4'-0" (1.22m)	24(610)	24(610)	1 : 2
4x5 (1200x1500)	5(125)	4'-10" (1.48m)	5'-10" (1.78m)	5(125)	24(610)	4'-0" (1.22m)	36(915)	24(610)	1 : 2
4x6 (1200x1800)	5(125)	4'-10" (1.48m)	6'-10" (2.09m)	5(125)	24(610)	4'-0" (1.22m)	4'-0" (1.22m)	4'-0" (1.22m)	1 : 2
5x2 (1500x600)	6(150)	6'-0" (1.83m)	36(915)	6(150)	36(915)	36(915)	12(305)	12(305)	1 : 3
5x3 (1500x900)	6(150)	6'-0" (1.83m)	4'-0" (1.22m)	6(150)	24(610)	4'-0" (1.22m)	20(510)	16(410)	1 : 3
5x4 (1500x1200)	6(150)	6'-0" (1.83m)	5'-0" (1.52m)	6(150)	24(610)	4'-0" (1.22m)	24(610)	24(610)	1 : 2
5x5 (1500x1500)	6(150)	6'-0" (1.83m)	6'-0" (1.83m)	6(150)	24(610)	4'-0" (1.22m)	36(915)	24(610)	1 : 2
6x2 (1800x600)	7(175)	7'-2" (2.17m)	38(965)	7(175)	36(915)	36(915)	12(305)	12(305)	1 : 3
6x3 (1800x900)	7(175)	7'-2" (2.17m)	4'-2" (1.27m)	7(175)	24(610)	4'-0" (1.22m)	20(510)	16(410)	1 : 3
6x4 (1800x1200)	7(175)	7'-2" (2.17m)	5'-2" (1.57m)	7(175)	24(610)	4'-0" (1.22m)	24(610)	24(610)	1 : 2
6x5 (1800x1500)	7(175)	7'-2" (2.17m)	6'-2" (1.88m)	7(175)	24(610)	4'-0" (1.22m)	36(915)	24(610)	1 : 2
6x6 (1800x1800)	7(175)	7'-2" (2.17m)	7'-2" (2.17m)	7(175)	24(610)	4'-0" (1.22m)	4'-0" (1.22m)	24(610)	1 : 2
7x4 (2100x1200)	8(200)	8'-4" (2.54m)	5'-4" (1.63m)	8(200)	24(610)	4'-0" (1.22m)	24(610)	24(610)	1 : 2
7x5 (2100x1500)	8(200)	8'-4" (2.54m)	6'-4" (1.93m)	8(200)	24(610)	4'-0" (1.22m)	36(915)	24(610)	1 : 2
7x6 (2100x1800)	8(200)	8'-4" (2.54m)	7'-4" (2.24m)	8(200)	24(610)	4'-0" (1.22m)	4'-0" (1.22m)	24(610)	1 : 2
7x7 (2100x2100)	8(200)	8'-4" (2.54m)	8'-4" (2.54m)	8(200)	24(610)	4'-0" (1.22m)	5'-0" (1.52m)	24(610)	1 : 2
8x4 (2400x1200)	8(200)	9'-4" (2.84m)	5'-4" (1.63m)	8(200)	24(610)	4'-0" (1.22m)	24(610)	24(610)	1 : 2
8x5 (2400x1500)	8(200)	9'-4" (2.84m)	6'-4" (1.93m)	8(200)	24(610)	4'-0" (1.22m)	36(915)	24(610)	1 : 2
8x6 (2400x1800)	8(200)	9'-4" (2.84m)	7'-4" (2.24m)	8(200)	24(610)	4'-0" (1.22m)	4'-0" (1.22m)	24(610)	1 : 2
9x5 (2700x1500)	9(225)	10'-6" (3.2m)	6'-6" (1.98m)	9(225)	24(610)	4'-0" (1.22m)	36(915)	24(610)	1 : 2
9x6 (2700x1800)	9(225)	10'-6" (3.2m)	7'-6" (2.29m)	9(225)	24(610)	4'-0" (1.22m)	4'-0" (1.22m)	24(610)	1 : 2

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

1. Use EROSION CONTROL CURB at guardrail installations where grades are equal to or greater than 1/2 and at inlets. (Include District Special Provision)
 2. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1/2 (Include District Special Provision)
 3. Include State Standards 609001, 609006 or 610001 if applicable.
 4. Include the following District Cadd Standards as needed: Slope Drains for Exposed Pipes; Slope Drains for Buried Pipes; Seepage Collars for Buried Pipes; Seepage Collars for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.
 5. Include District Special Provision "Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is IL 97.



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: EROSION CONTROL CURB

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.
2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "cca" shall have a minimum retention of 0.40 lbs./cu. ft. (6.4 kg/m³)

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.

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

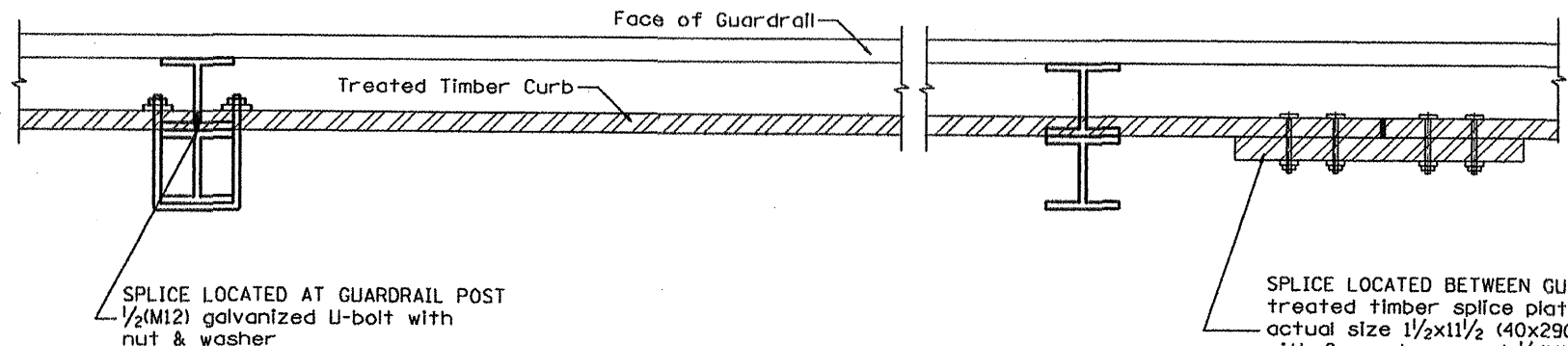
01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.		
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.		
11-03-00	CORRECTION TO NOTES	M.A.		
10-16-06	REVISED TO 2007 SPEC.	M.A.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

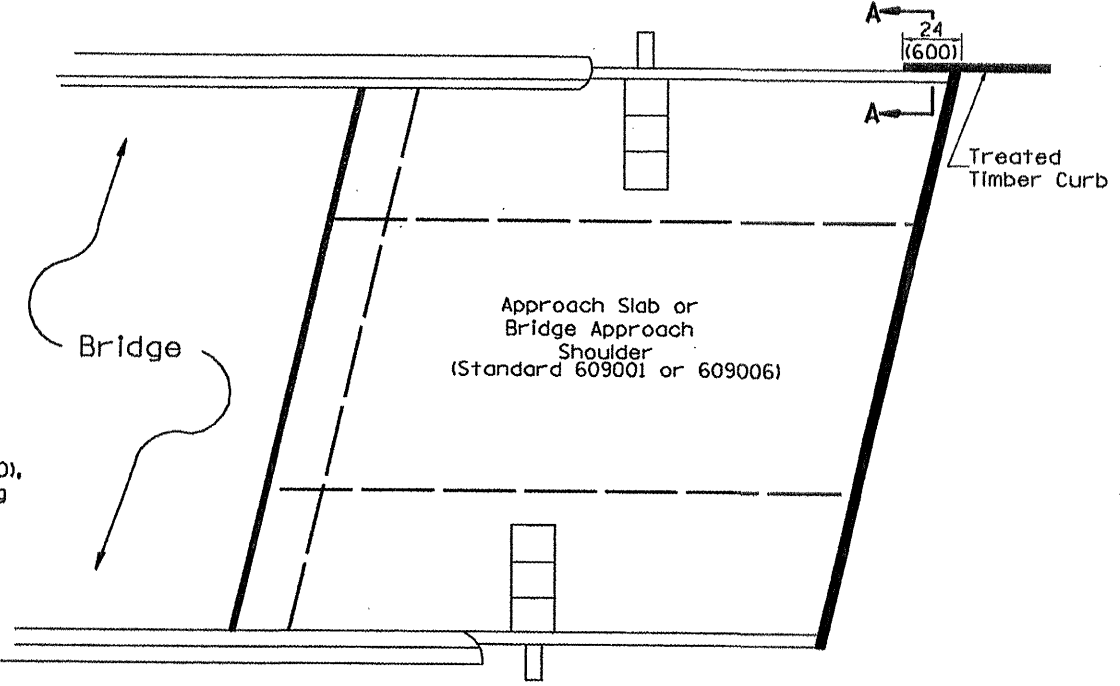
GUARDRAIL EROSION CONTROL TREATMENTS
NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36IRS-1(C-2)	MCDONOUGH	52	37
CONTRACT NO. 68406				
ILLINOIS FED. AID PROJECT				

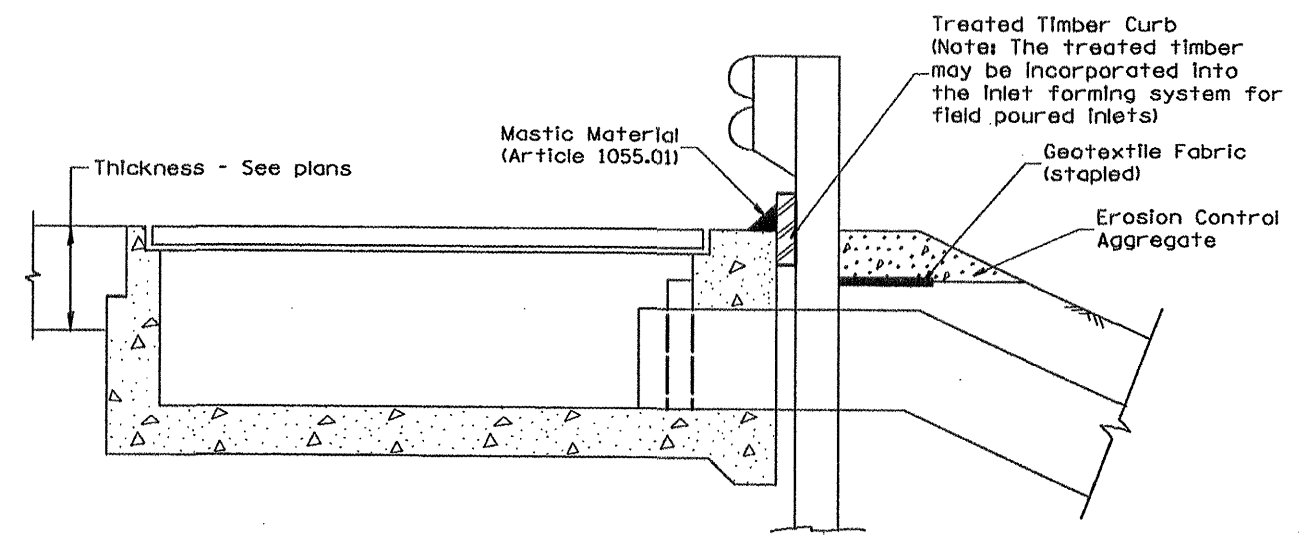
SHT. 1 OF 2
CADD STD. 630101-D4



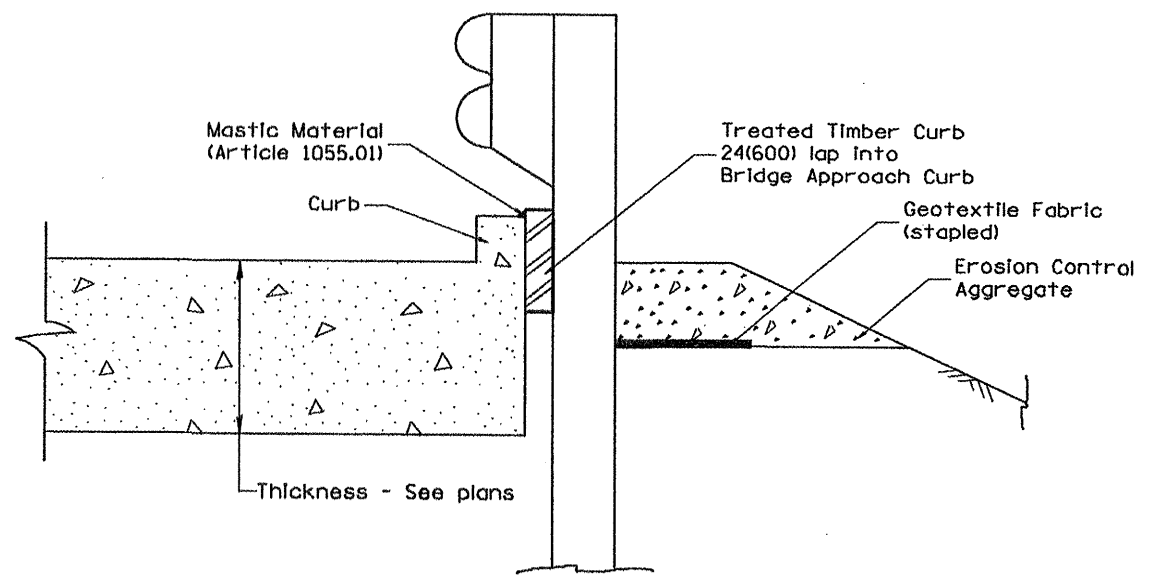
DETAIL A
(Typical Treated Timber Splices)



PLAN VIEW
APPROACH SLAB OR BRIDGE APPROACH SHOULDER
(STANDARD 609001 or 609006)



TYPICAL SECTION WITH EROSION CONTROL CURB
AT INLETS TYPE E & F (STANDARD 610001)

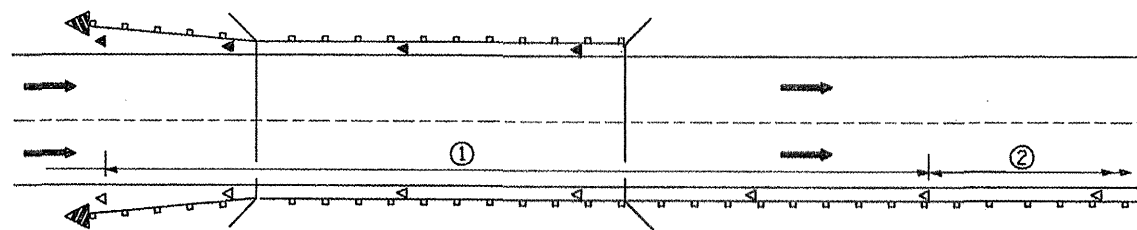


SECTION A-A
TYPICAL SECTION WITH EROSION CONTROL CURB
AT BRIDGE APPROACH CURB
(STANDARD 609001 OR 609006)

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

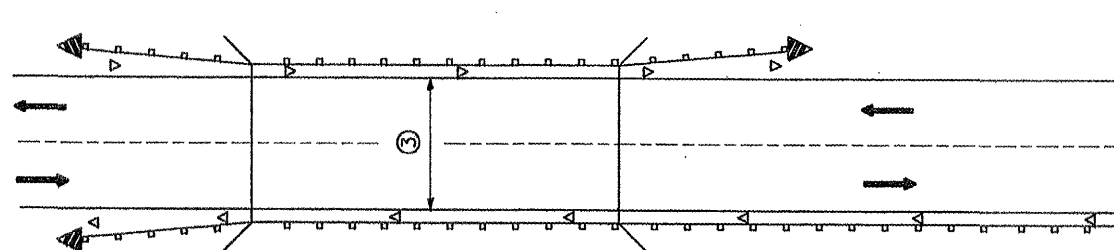
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				GUARDRAIL EROSION CONTROL TREATMENTS				F.A.P. RTE. 685/618		SECTION 36RS-1C-21		COUNTY MCDONOUGH		TOTAL SHEETS 52		SHEET NO. 38	
				NOT TO SCALE				SHT. 2 OF 2 CADD STD. 630101-D4		CONTRACT NO. 68406							
ILLINOIS FED. AID PROJECT																	

DESIGNER NOTES:
 1. INCLUDE APPROPRIATE SPECIAL PROVISIONS FOR "GUARD RAIL DELINEATION POLICY: 1. TERMINAL MARKER, 2. TERMINAL MARK POST, AND 3. GUARDRAIL AND BARRIER WALL MARKERS."
 FROM INTERIM SPECIAL PROVISIONS 94-74; "GUARDRAIL AND BARRIER WALL DELINEATION."
 2. IF POST MOUNT TERMINAL MARKER IS USED, INCLUDE STATE STD. T20011.



- ① Spacing 80 ft. (24 m) max. for first 400 ft. (122 m) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).
- ② After 400 ft. (122 m), transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



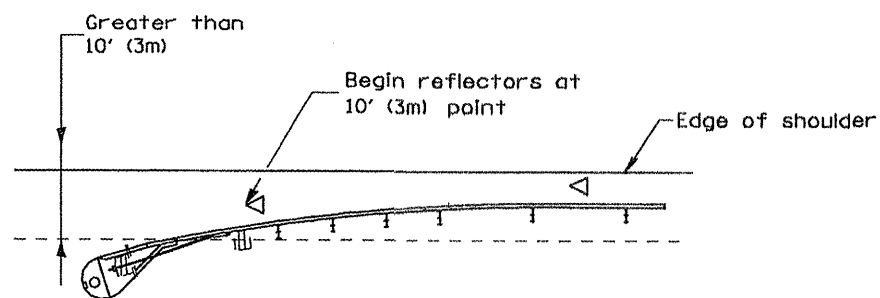
- ③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS

LEGEND

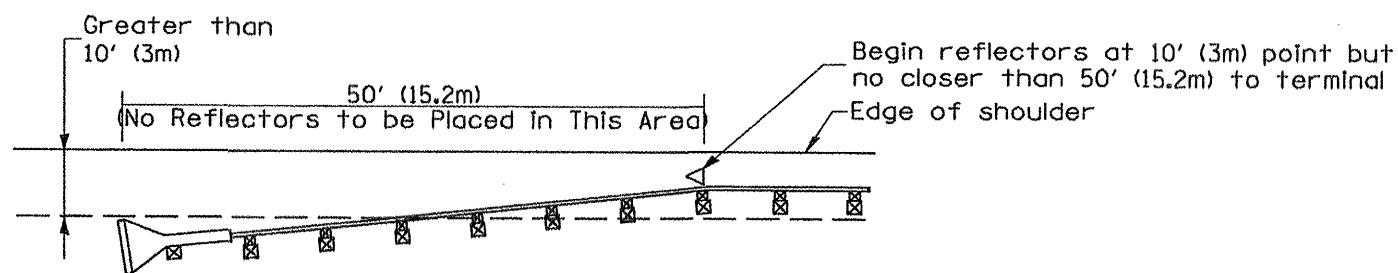
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ◄ Terminal Marker - Black/Yellow
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 10' (3m) from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

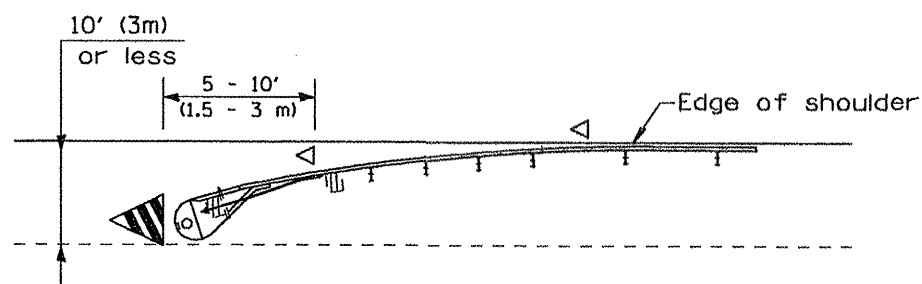
Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 10' (3m) from edge of shoulder]
*See Plans for Type



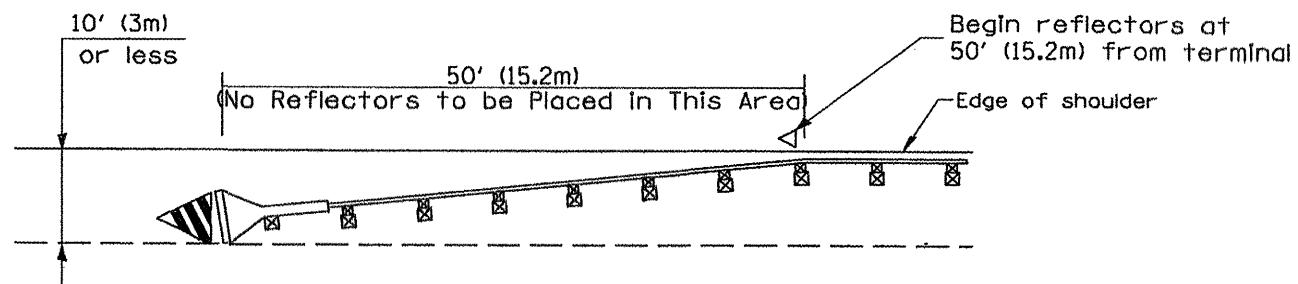
NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

Traffic Barrier Terminal Type 1 (Special)
[Terminal over 10' (3m) from edge of shoulder]



Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 10' (3m) or less from edge of shoulder]
*See Plans for Type



Traffic Barrier Terminal Type 1(Special)
[Terminal 10' (3m) or less from edge of shoulder]

TERMINAL MARKER PLACEMENT

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

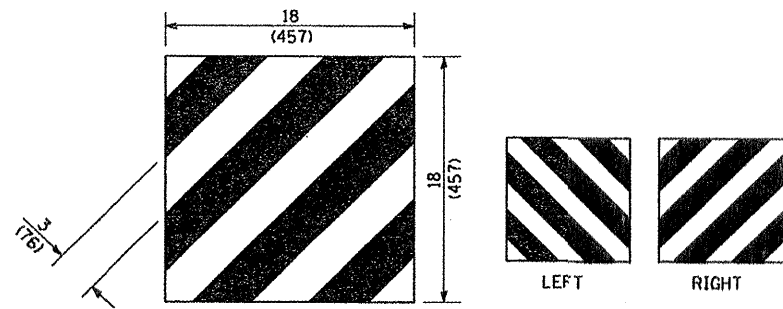
01-01-97	RENJIM. E-10.02, NEW REVISION BOX	T.P.
03-01-97	CORRECT STD. SPEC. #	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

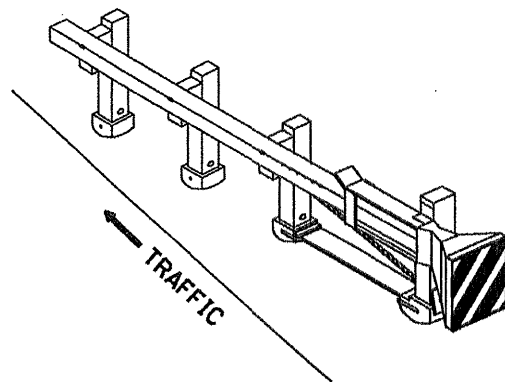
GUARDRAIL AND BARRIER WALL DELINEATION
NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36IRS-11C-21	MCDONOUGH	52	39
CONTRACT NO. 68406			ILLINOIS FED. AID PROJECT	

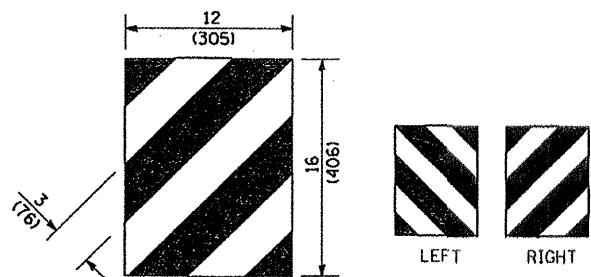
SHT. 1 OF 3
CADD STD. 635101-D4



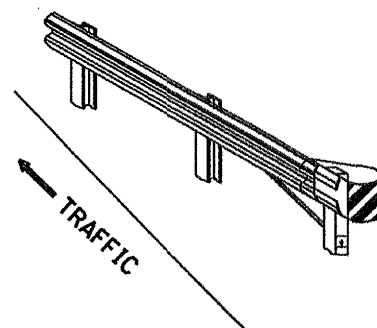
For Traffic Barrier Terminal Type 1 (Special)



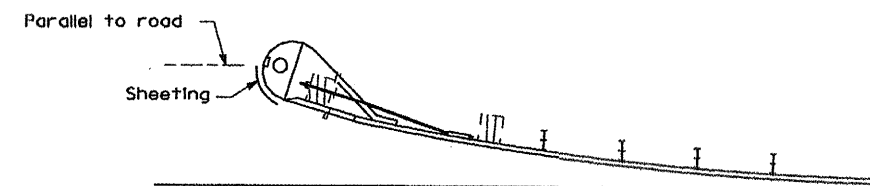
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (*)
and Post Mount
• See Plans for Type



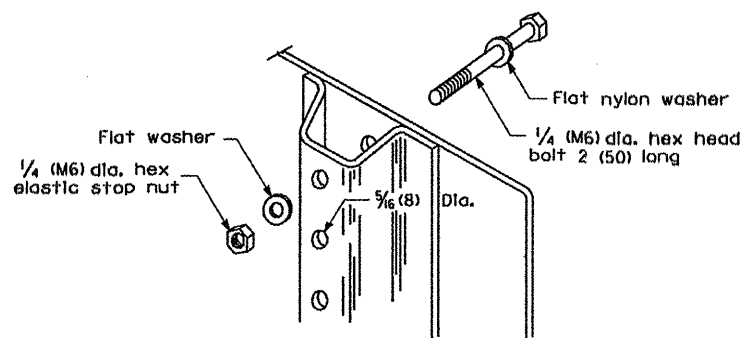
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (*)
• See Plans for Type



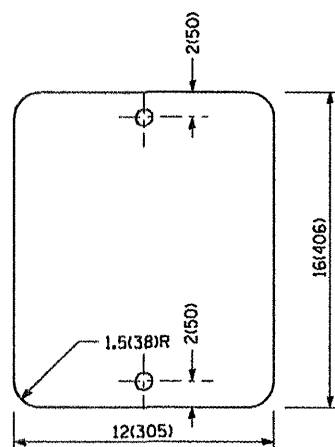
Sheeting Position for
Traffic Barrier Terminal Type (*)
• See Plans for Type

TERMINAL MARKER DETAILS

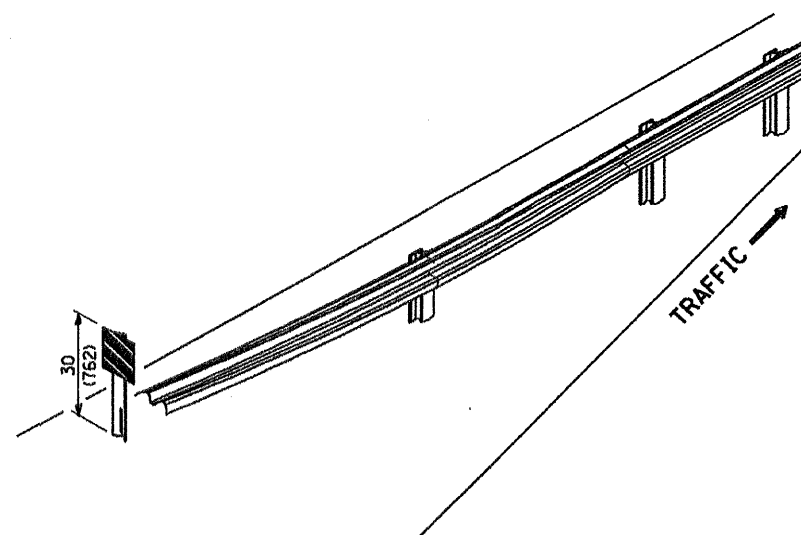
Color: Black / Yellow reflectorized
OM - I100 (L or R) Direct applied reflective sheeting
OM - I200 (L or R) Post mounted



DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER



ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting cannot be direct applied)

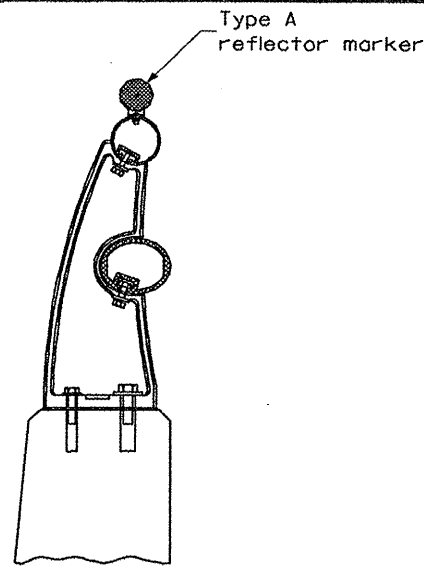
POST MOUNTED TERMINAL MARKER ASSEMBLY

TERMINAL MARKER TREATMENTS

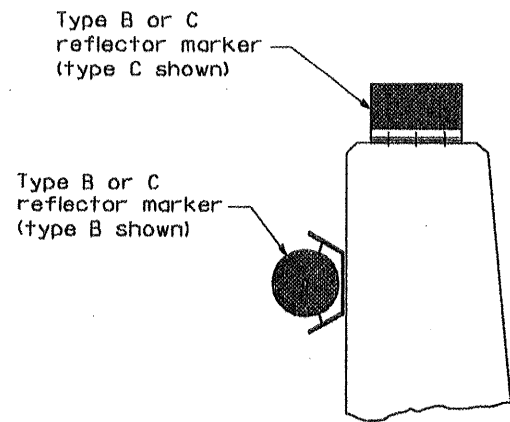
GENERAL NOTES

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				GUARDRAIL AND BARRIER WALL DELINEATION		F.A.P. RTE. 685/618	SECTION 36(RS-1)C-21	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 40
				NOT TO SCALE		SHT. 2 OF 3 CADD STD. 635101-04		CONTRACT NO. 68406 ILLINOIS FED. AID PROJECT		

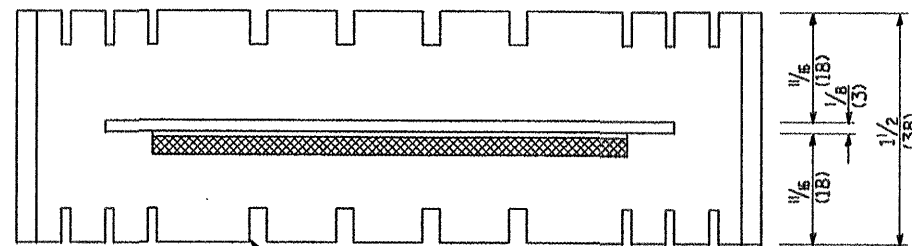


TYPICAL MOUNTING DETAIL
FOR BRIDGE RAIL REFLECTOR

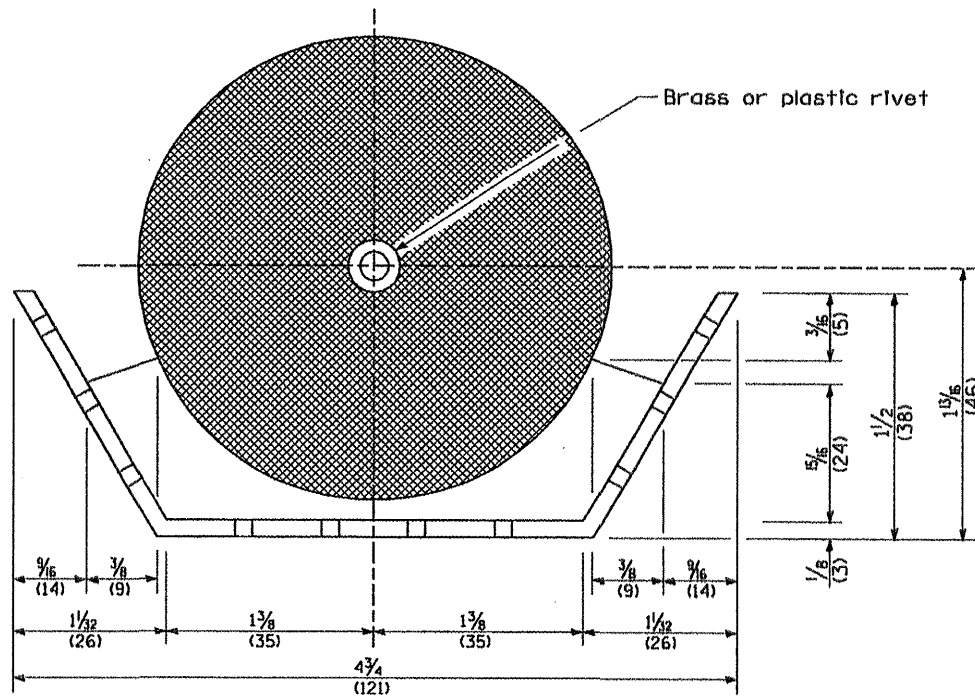


TYPICAL MOUNTING DETAIL
FOR BARRIER WALL REFLECTOR

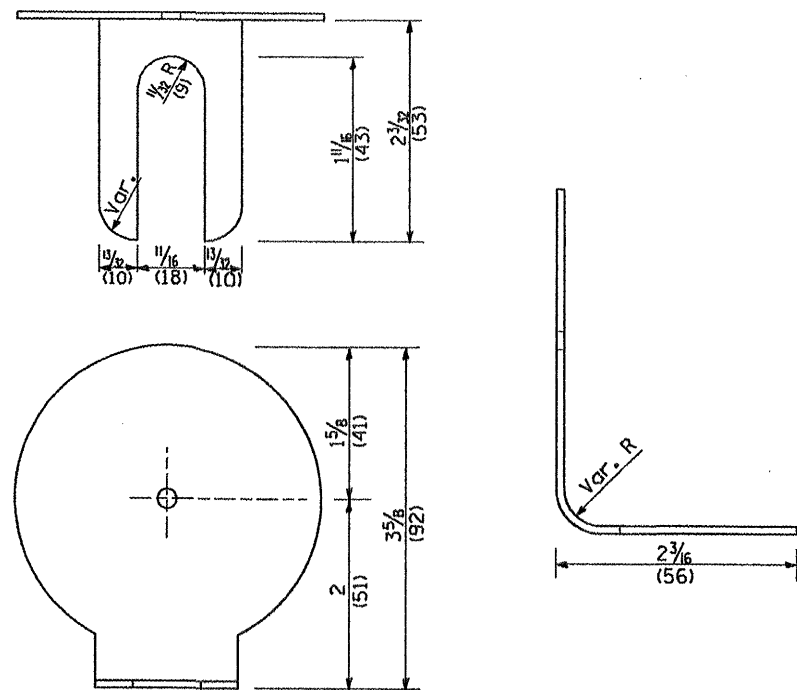
REFLECTOR MOUNTING



Adhesive weep slots or holes
equally spaced on both sides

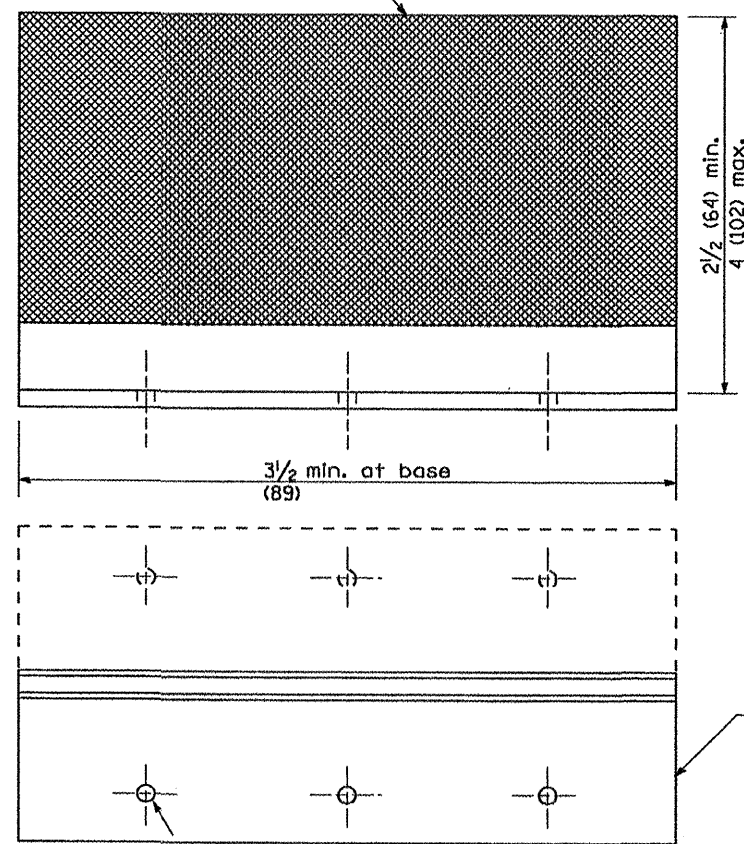


REFLECTOR MARKER TYPE B

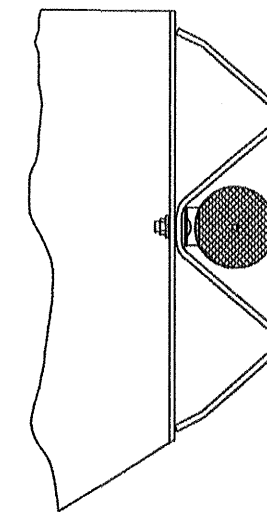


REFLECTOR MARKER TYPE A

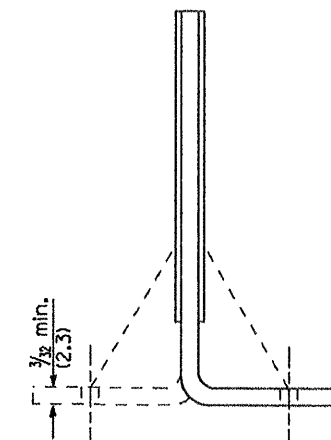
Min. reflective area 6 1/2 sq. in. (4,194 mm²)
each side. May be rectangular or slight
trapezoid.



REFLECTOR MARKER TYPE C



TYPICAL GUARDRAIL MOUNTING WITH
REFLECTOR MARKER TYPE A



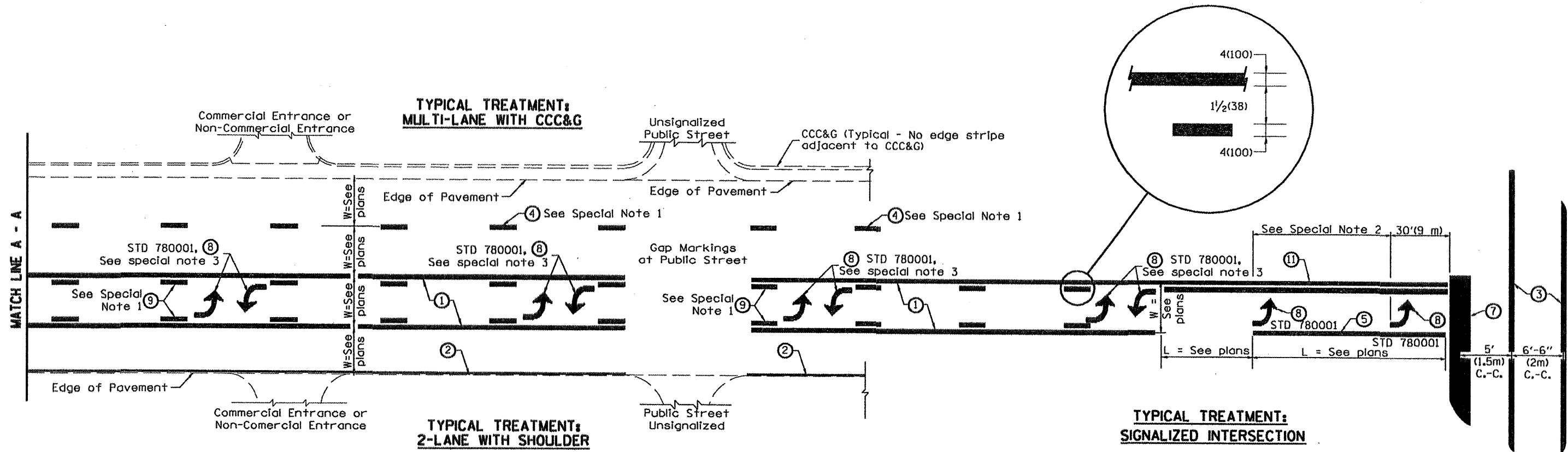
Cross section may be "T"
or "L" shaped and may have
side supports at ends.

REFLECTORS

Minimum total area of
base 7.0 Sq. in. (4,516 mm²)

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

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m) min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m) min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between BI Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.		

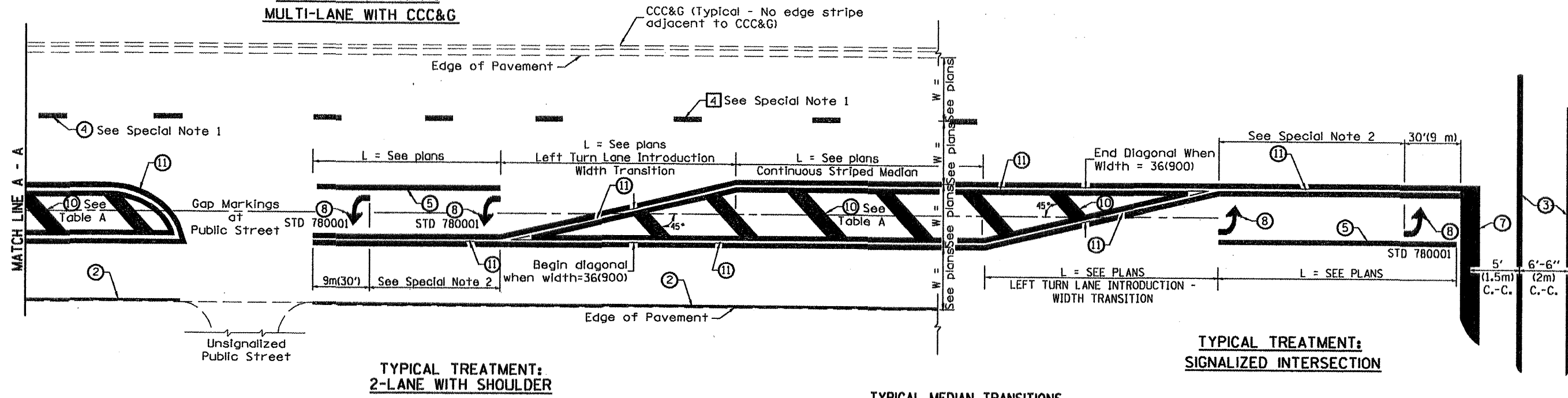
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36/RS-11C-21	MCDONOUGH	52	42
SHT. 1 OF 2 CADD STD. 780001-D4			CONTRACT NO. 68406	
ILLINOIS FED. AID PROJECT				

**TYPICAL TREATMENT:
MULTI-LANE WITH CCC&G**

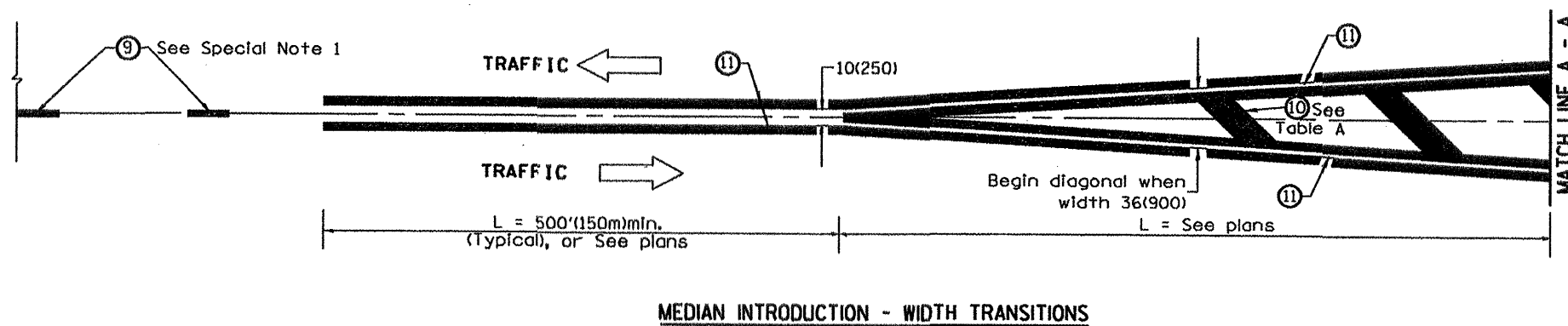


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

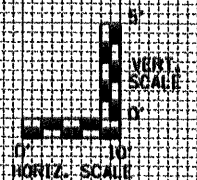
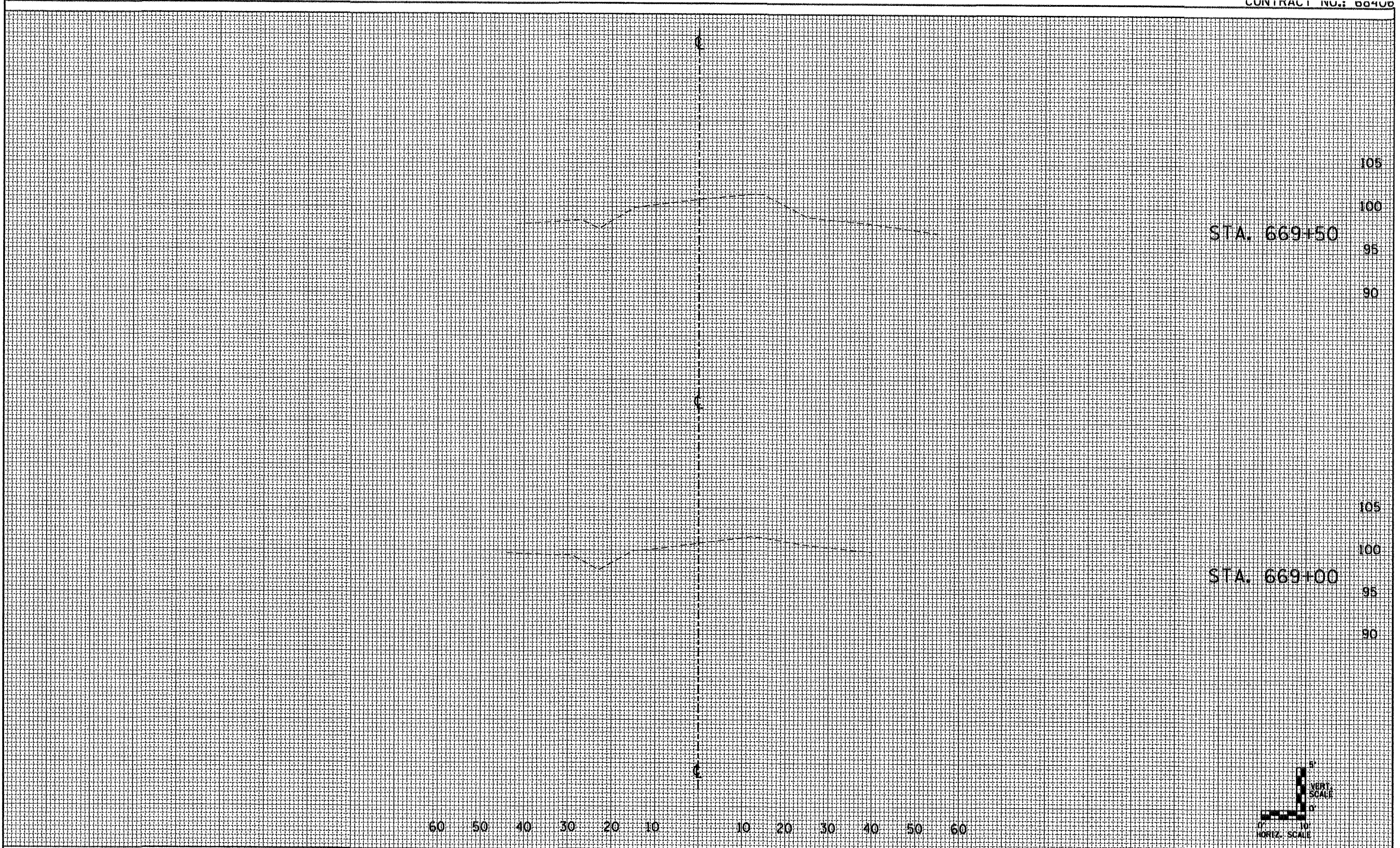
SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION
		(Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



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

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLANNED		
	TEMPLATE		
	AREAS CHECKED		

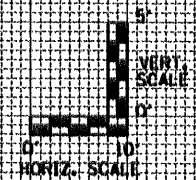
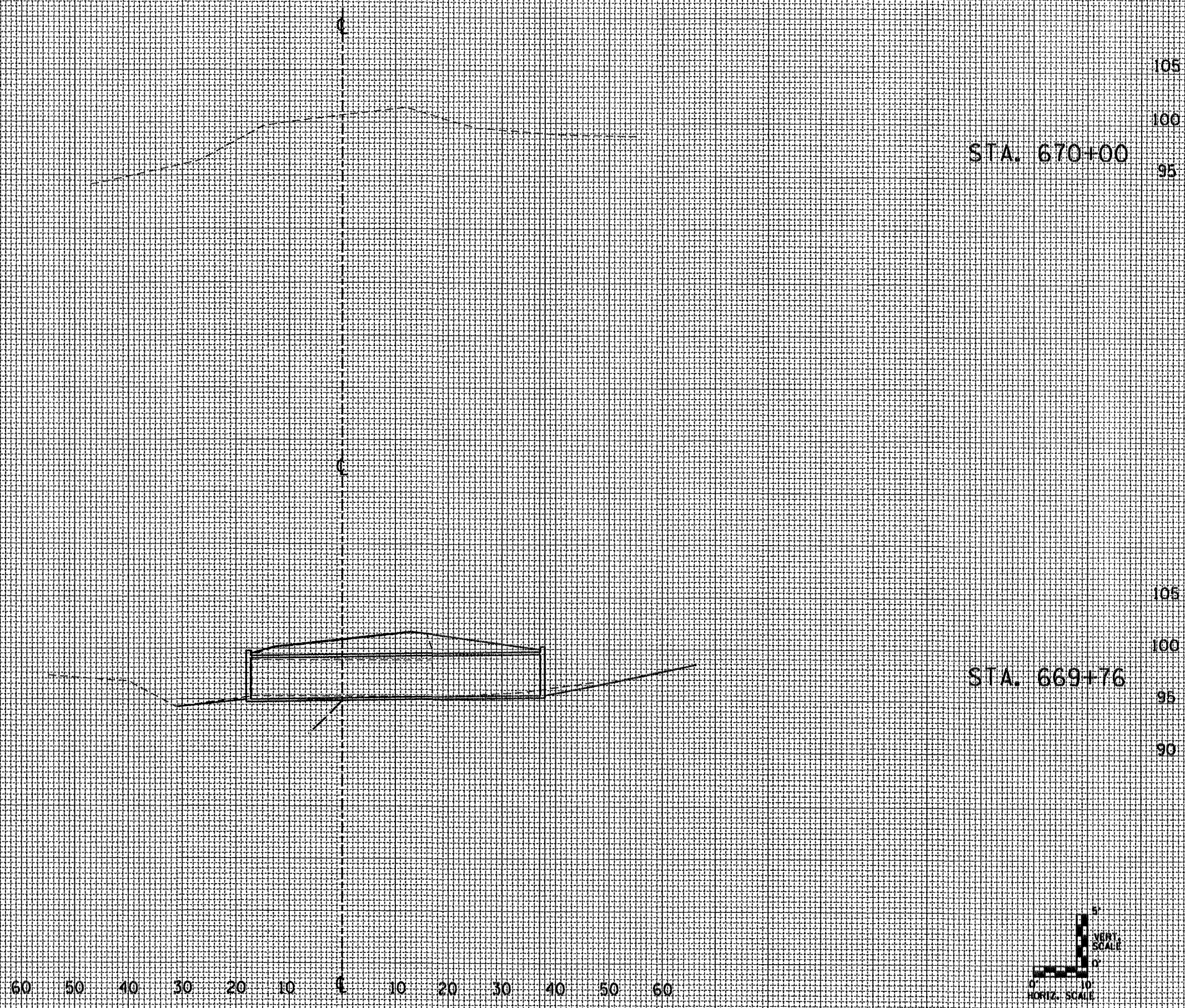
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLANNED		
	TEMPLATE		
	AREAS CHECKED		



FILE NAME = 68406 sheets.dgn	USER NAME = K. KILMAN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING X-SECTIONS IL 91L 41 N. OF BUSHNELL		F.A.P. RTE. 685/618	SECTION 36RS-11C-21	COUNTY McDONOUGH	TOTAL SHEETS 52	SHEET NO. 41
	PLOT SCALE = 100.0000' / IN.	DRAWN - KKK	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CULVERT EXTENSION (SN 055-1001)	CONTRACT NO. 68406		
	PLOT DATE = 4/22/2009	CHECKED -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -								

FINAL	SURVEYED	BY	DATE
SHEET	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SHEET	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



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FILE NAME = 68406 sheet.dgn	USER NAME = K. KILMAN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING X-SECTIONS IL 9 /IL 41 N. OF BUSHNELL			F.A.P. RTE. 685/618	SECTION 36(RS-1)C-2)	COUNTY McDONOUGH	TOTAL SHEETS 5	SHEET NO. 4
	PLOT SCALE = 100.0000' / IN.	DRAWN - KKK	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CULVERT EXTENSION (SN 055-1001)	CONTRACT NO. 68406	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
	PLOT DATE = 4/22/2009	CHECKED -	REVISED -									
		DATE -	REVISED -									

110

105

100

STA. 671+00

95

90

110

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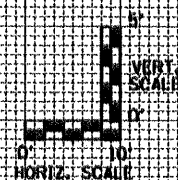
100

STA. 670+50

95

90

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FINAL SURVEY	SUPERVISED	DATE
NOTE BOOK	PLANNED	
	FIELD	
	AREAS	
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ORIGINAL SURVEY	SUPERVISED	DATE
NOTE BOOK	PLANNED	
	FIELD	
	AREAS	
	CHECKED	

FILE NAME = 68406 sheets.dgn

USER NAME = K. KILMAN
 PLOT SCALE = 100.0000 "/ IN.
 PLOT DATE = 4/22/2009

DESIGNED -	REVISED -
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

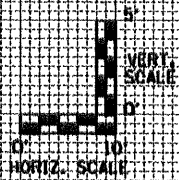
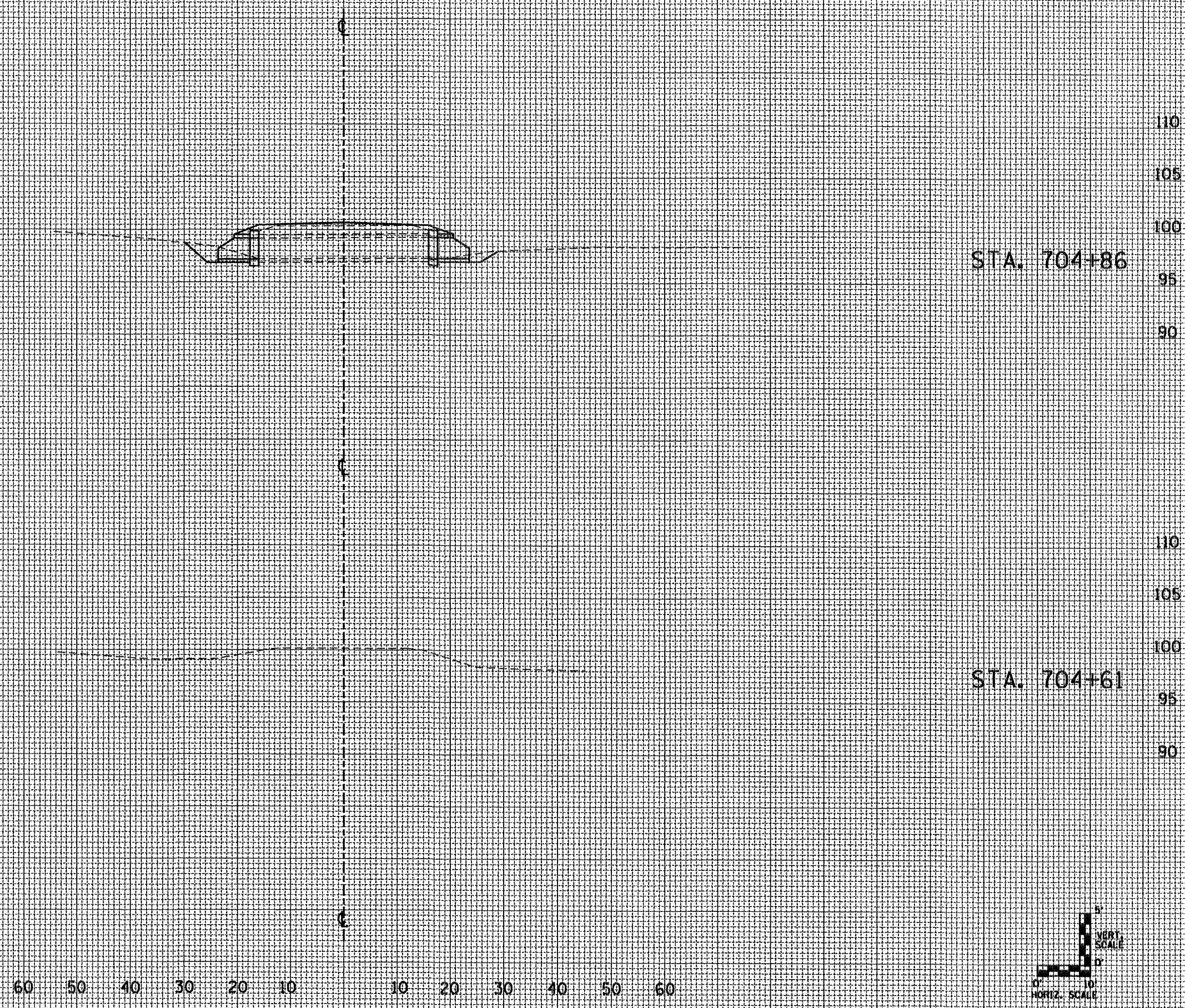
**EXISTING X-SECTIONS IL 9 /IL 41
 N. OF BUSHNELL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 685/618	SECTION 36(RS-1)C-21	COUNTY MCDONOUGH	TOTAL SHEETS NO. 24
CULVERT EXTENSION (SN 055-1001)		CONTRACT NO. 68406	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
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FILE NAME = 68406 sheets.dgn

USER NAME = K. KILMAN
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 4/22/2009

DESIGNED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

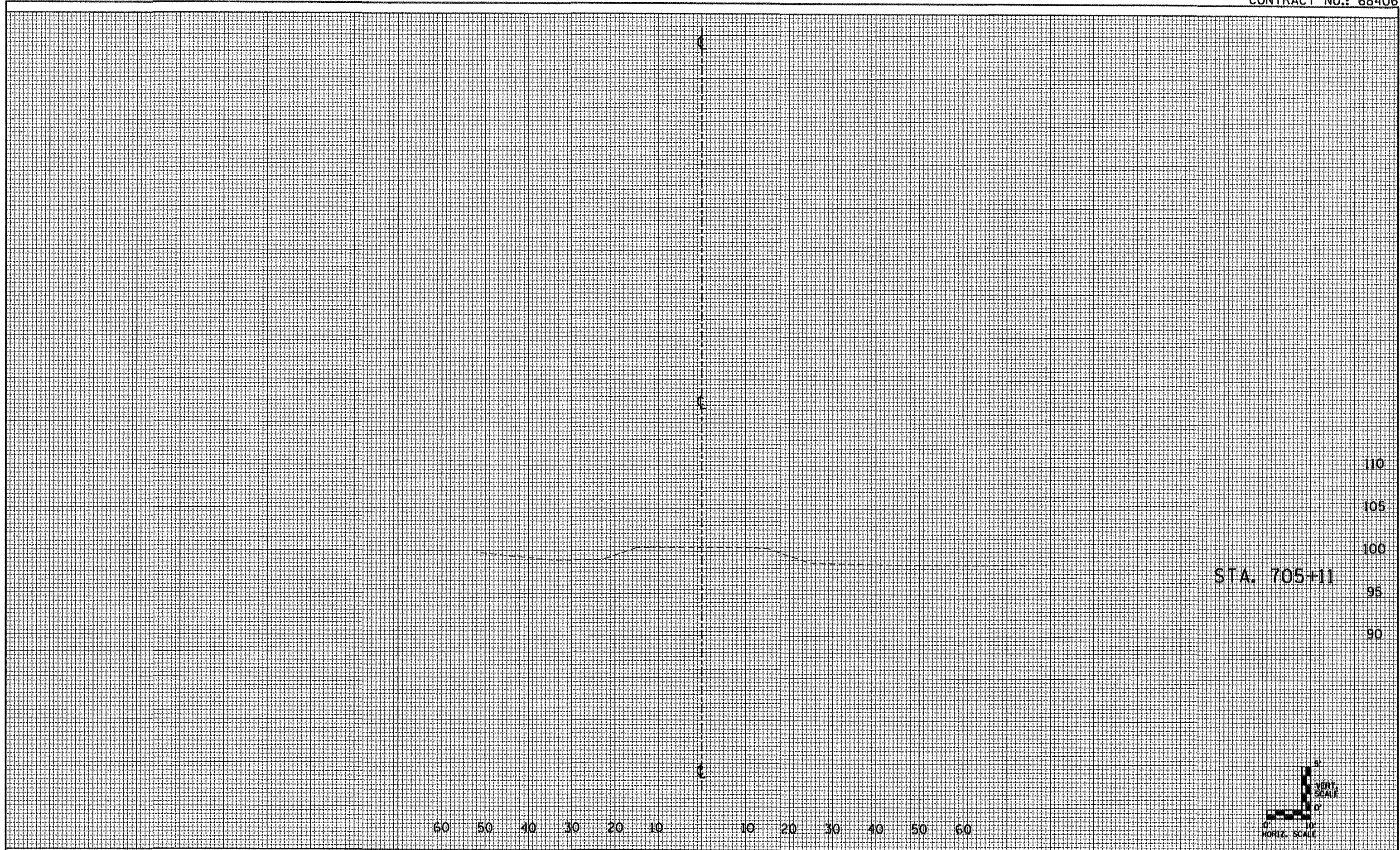
**EXISTING X-SECTIONS IL 91L 41
 N. OF BUSHNELL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-11C-2)	MCDONOUGH	52	47
CULVERT EXTENSION (SN 055-100)			CONTRACT NO. 68406	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
DESIGNED	BY
PLANNED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

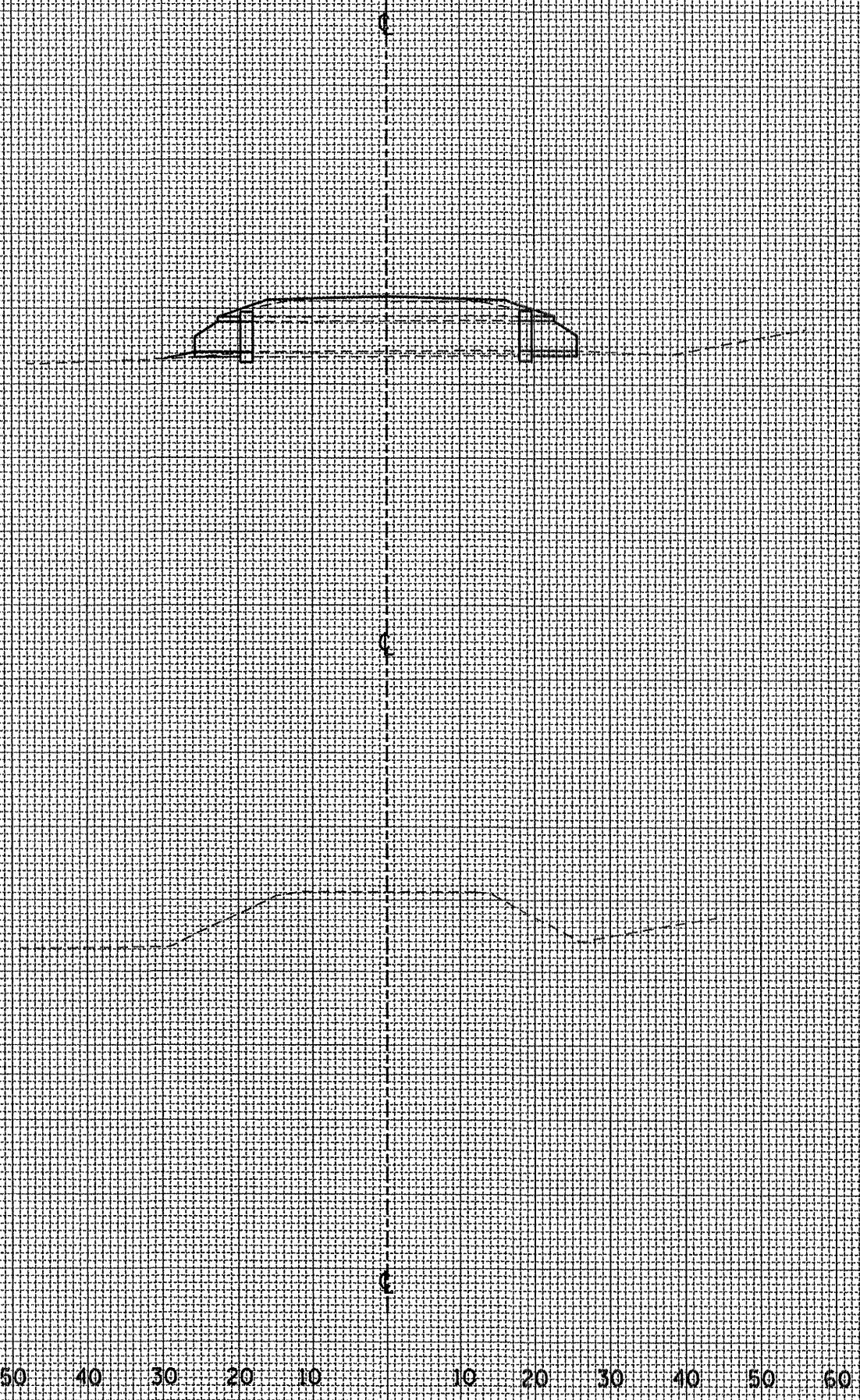
ORIGINAL SURVEY	DATE
DESIGNED	BY
PLANNED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



FILE NAME = 68406_shoots.dgn	USER NAME = K. KILMAN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING X-SECTIONS IL 91L 41 N. OF BUSHNELL		F.A.P. RTE. 685/618	SECTION 36(RS-11C-2)	COUNTY MCDONOUGH	TOTAL SHEETS 52	SHEET NO. 10	
	PLOT SCALE = 100.0000' / IN.	DRAWN - KKK	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CULVERT EXTENSION (SN 055-100)	CONTRACT NO. 68406			
	PLOT DATE = 4/22/2009	CHECKED -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -									

DATE	BY
SURVEY PLOTTED	AREAS CHECKED
TEMPLATE	
NOTE BOOK	
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DATE	BY
SURVEY PLOTTED	AREAS CHECKED
TEMPLATE	
NOTE BOOK	
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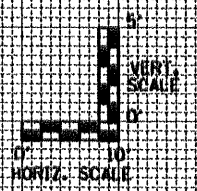
STA. 747+31

STA. 747+06

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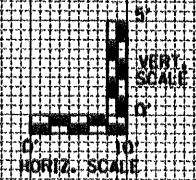
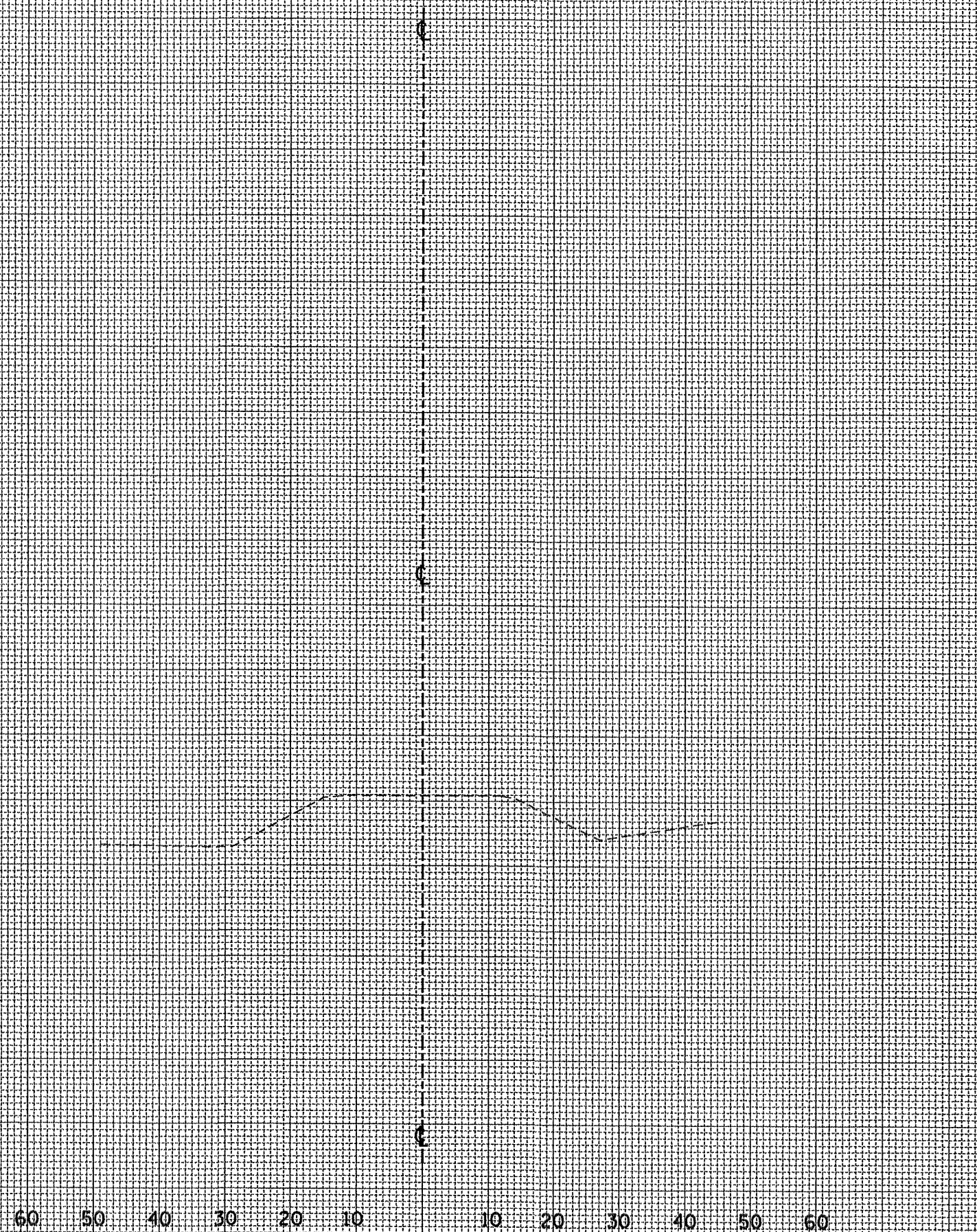
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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



FILE NAME = 68406 sheet.dgn

USER NAME = K. KILMAN
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

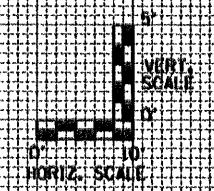
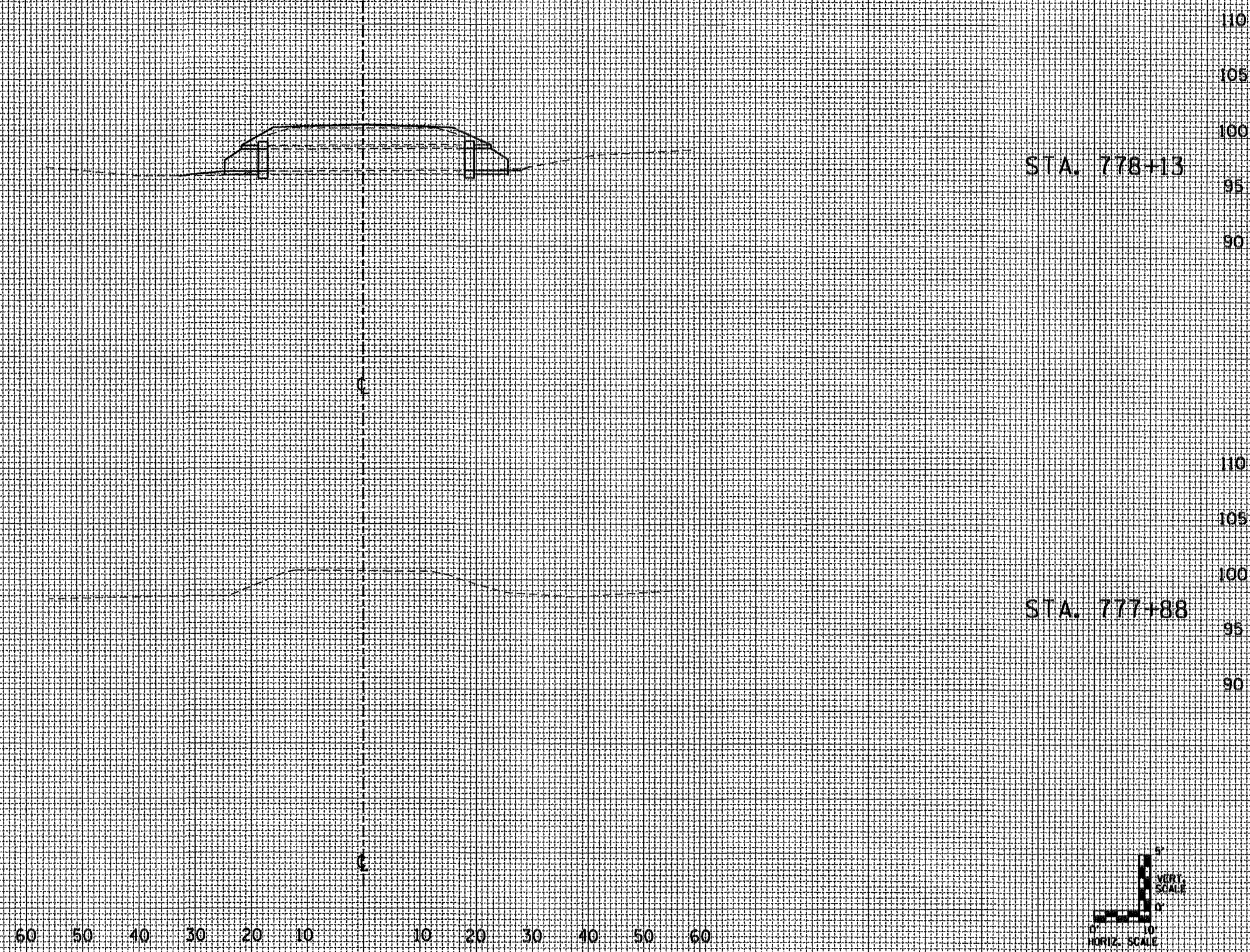
**EXISTING X-SECTIONS IL 9/L 41
 N. OF BUSHNELL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 685/610	SECTION 36(RS-1)C-2)	COUNTY McDONOUGH	TOTAL SHEETS 4	SHEET NO. 4
CULVERT EXTENSION (SN 055-1001)			CONTRACT NO. 68406	
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	

FINAL SURVEY	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
AREAS	AREAS		
CREATED	AREAS		

ORIGINAL SURVEY	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
AREAS	AREAS		
CREATED	AREAS		



FILE NAME = 68406 sheets.dgn

USER NAME = K. KILMAN
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 PLOT DATE = 4/22/2009

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

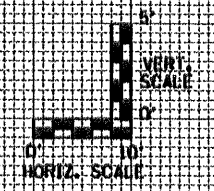
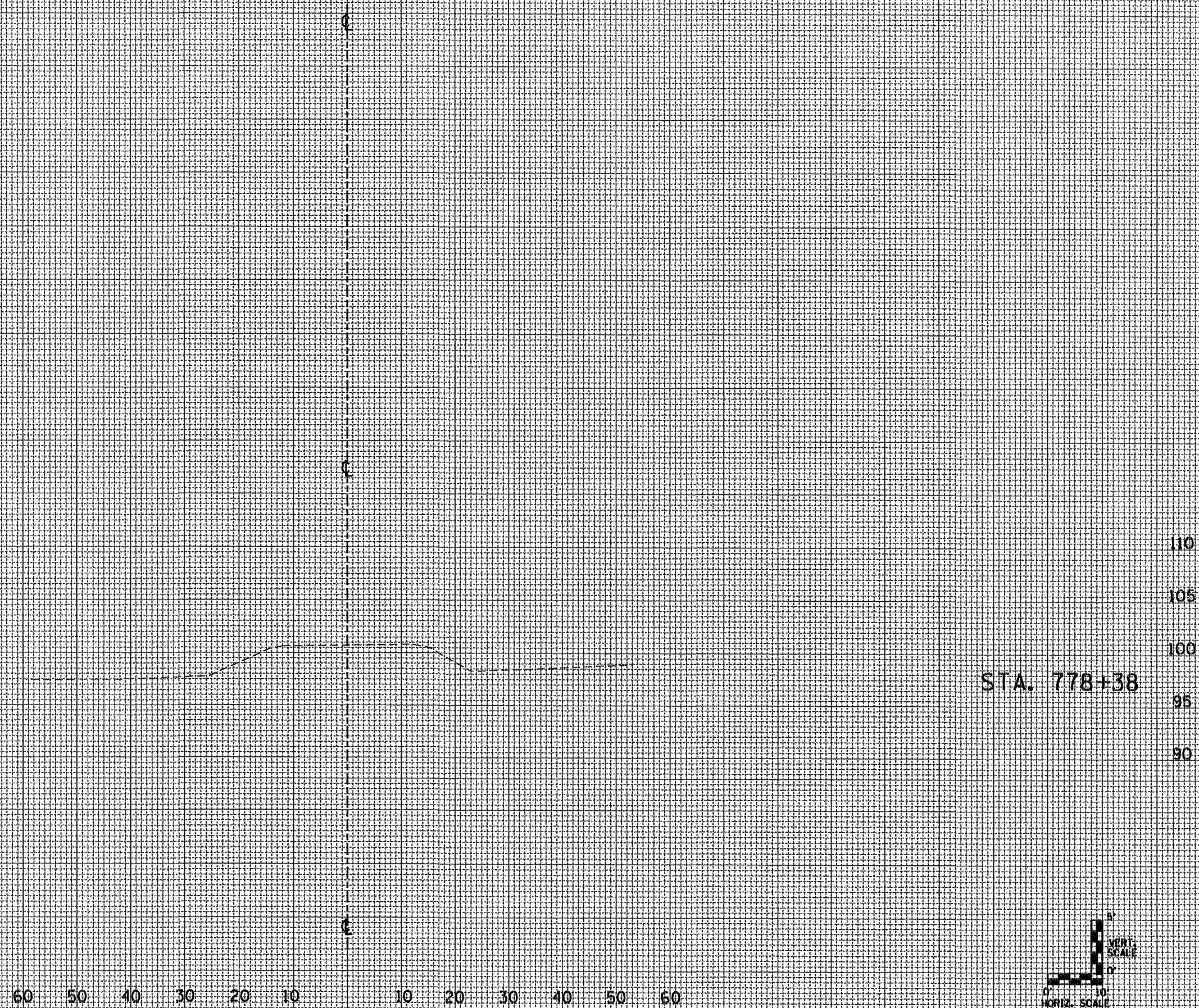
**EXISTING X-SECTIONS IL 91L 41
 N. OF BUSHNELL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 685/618	SECTION 36(RS-1)(C-2)	COUNTY McDONOUGH	TOTAL SHEETS 7	SHEET NO. 1
CULVERT EXTENSION (SN 055-100)			CONTRACT NO. 68406	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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

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



FILE NAME = 68406 sheets.dgn

USER NAME = K. KILMAN
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 DRAWN - KKK
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 DATE -
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 4/22/2009

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING X-SECTIONS IL 9/L 41
 N. OF BUSHNELL**
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 685/618	SECTION 36(RS-1)C-2)	COUNTY McDONOUGH	TOTAL SHEETS 52	SHEET NO. 52
CULVERTY EXTENSION (SN 055-1001)			CONTRACT NO. 68406	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				