

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

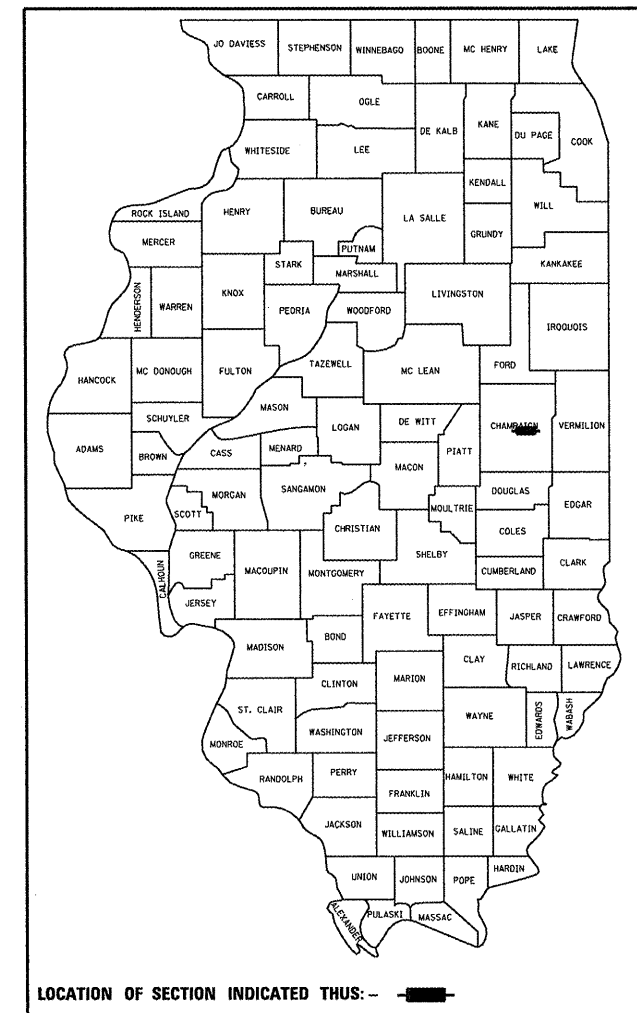
**PROPOSED
 HIGHWAY PLANS**

FAS ROUTE 1517 (US 150)
 SECTION 12BR
 PROJECT RS-1517(112)
 CULVERT REPLACEMENT
 CHAMPAIGN COUNTY

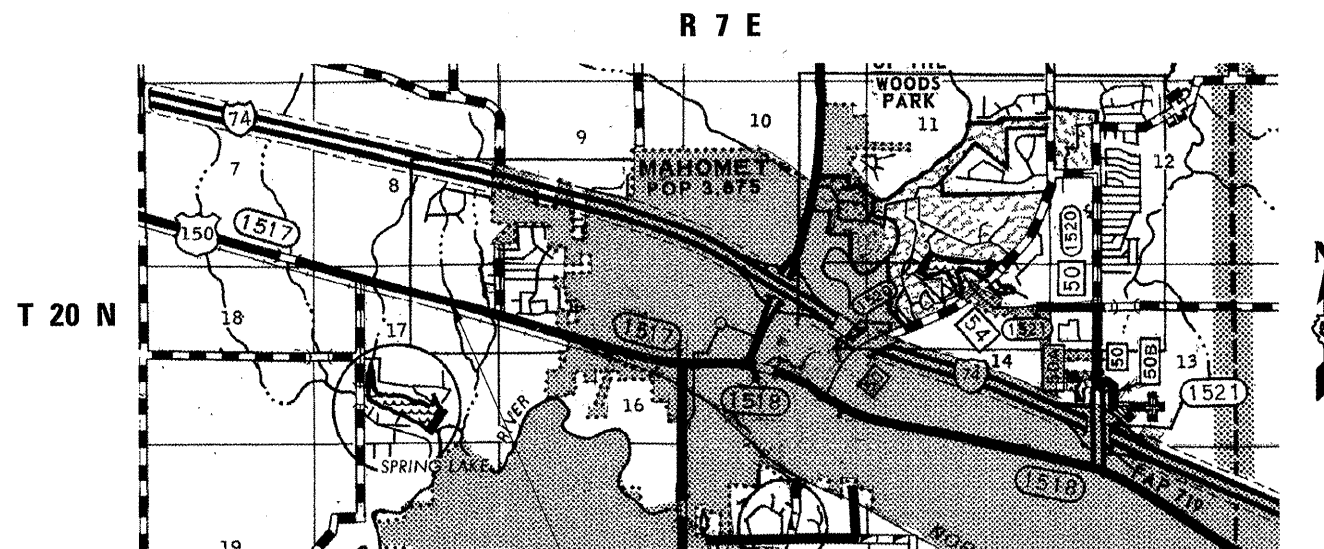
C-95-099-06

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	1
		ILLINOIS	CONTRACT NO. 70584	

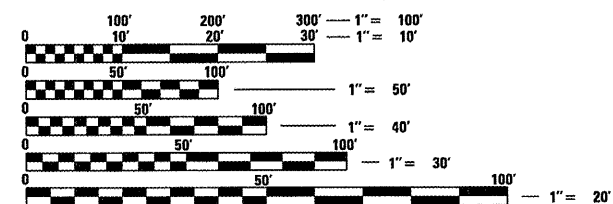
D-95-099-06



FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 & 5



FUNCTIONAL CLASSIFICATION
 MAJOR COLLECTOR
 ADT = 4,450 (2006)



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
 OR 811

PROJECT ENGINEER - NANCY FASIG
 DESIGNER - STEVE COOMBES
 217-465-4181
 CONTRACT NO. 70584

EXISTING STRUCTURE 010-8118
 8'x8' RC BOX CULVERT (TO BE REMOVED)

PROPOSED STRUCTURE NO. 010-8125
 CAST-IN-PLACE 8'-0" x 9'-0" x 49'-6" (PRECAST OPTION NOT ALLOWED)
 w/CAST-IN-PLACE END SECTIONS, DROP STRUCTURE
 & T-TYPE WINGWALLS
 STA. 526+53.00, SKEW 20 RT. FORWARD

GROSS LENGTH = 500.00 FT. = 0.095 MILE
 NET LENGTH = 500.00 FT. = 0.095 MILE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 12/3 20 09

[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

January 29, 20 10
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 20 10
[Signature]
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	2

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & LIST OF STANDARDS
3	GENERAL NOTES
4-5	SUMMARY OF QUANTITIES
6	EXISTING & PROPOSED TYPICAL SECTIONS
7	SCHEDULE OF QUANTITIES
8	CENTERLINE ALIGNMENT TIEPOINTS
9	PLAN AND PROFILE SHEET
10-11	DETOUR SIGNING DETAIL
12	BOX CULVERT PLAN & DETAILS
13	WING DETAILS
14	GRATING DETAILS
15	DETAIL OF POROUS GRANULAR EMBANKMENT
16	SOIL BORING LOG
17	TREATMENT OF EXISTING FIELD TILE SYSTEMS
18	TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROAD/STREET CLOSURES)
19	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
20-30	CROSS SECTIONS

LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
630001-08	STEEL PLATE BEAM GUARDRAIL
630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
667101-01	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN (4.5 M) 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM EDGE OF PAVEMENT
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKERS

701011-02
701301-03

F.A.S. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	3

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107.31
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123 OR 811.

G.N. -406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location	US 150	US 150
Mixture Use	Class D Patch	Class D Patch
	Top 1.5"	Bottom 10.5"
AC/PG	PG 64-22	PG 64-22
RAP % (Max)	15	25
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 19.0
Friction Aggregate	Mix C	N.A.

G.N.-540(SPECIAL)
THE USE OF PRECAST BOX CULVERT OR END SECTIONS WILL NOT BE ALLOWED.

G.N.-667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

G.N.-Z0038
AN ALUMINUM TABLET OF THE TYPE SHOWN ON STANDARD 667101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BENCH MARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE DEPARTMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT BENCH MARKS.

NOTE: TO AVOID DAMAGE TO ANY REINFORCEMENT BARS, THE BOLTS FOR GUARDRAIL ATTACHED TO THE STRUCTURE SHALL BE LAID OUT PRIOR TO POURING THE TOP SLAB OF THE BOX CULVERT.

COMMITMENTS:
THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	4

SUMMARY OF QUANTITIES

LOCATION OF WORK: CHAMPAIGN CO.

FAS 1517

US 150

FUNDING BREAKOUT: 80% FED. / 20% STATE

CONSTRUCTION TYPE CODE: Y007

TOTAL

CODE NO.	DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	80.0
20400800	FURNISHED EXCAVATION	CU YD	205.0
20700220	POROUS GRANULAR EMBANKMENT	CU YD	312.0
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100.0
25000210	SEEDING, CLASS 2A	ACRE	0.3
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45.0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45.0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45.0
* 25001850	SEEDING, CLASS 7 (MODIFIED)	ACRE	0.3
* 25100115	MULCH, METHOD 2	ACRE	0.5
* 25100630	EROSION CONTROL BLANKET	SQ YD	285.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50.0
28000305	TEMPORARY DITCH CHECKS	FOOT	72.0
28000400	PERIMETER EROSION BARRIER	FOOT	715.0
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	42.0
28200200	FILTER FABRIC	SQ YD	42.0
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	128.0
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	192.0
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0
50200100	STRUCTURE EXCAVATION	CU YD	275.0
50800105	REINFORCEMENT BARS	POUND	15,790.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,600.0
51500100	NAME PLATES	EACH	1.0
54003000	CONCRETE BOX CULVERTS	CU YD	123.0
54248510	CONCRETE COLLAR	CU YD	1.0
61101011	STORM SEWERS PROTECTED, CLASS A, 10"	FOOT	8.0

* SPECIALTY ITEMS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	5

SUMMARY OF QUANTITIES

LOCATION OF WORK: CHAMPAIGN CO.
FAS 1517
US 150

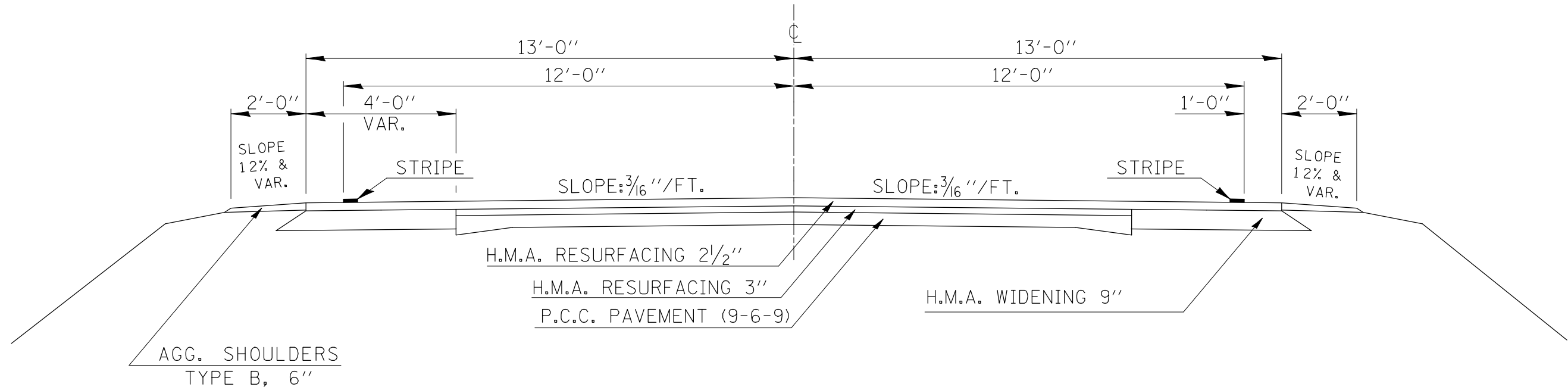
FUNDING BREAKOUT: 80% FED. / 20% STATE
CONSTRUCTION TYPE CODE: Y007

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	187.5
* 63000005	STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	50.0
* 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	12.5
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2.0
63200310	GUARDRAIL REMOVAL	FOOT	200.0
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	4.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3.0
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	108.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1.0
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	5.0
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2.0
X0322886	GRATING FOR BOX CULVERT, LOCATION 1	EACH	1.0
* X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	42.0
Z0038700	PERMANENT BENCH MARKS	EACH	1.0
* SPECIALTY ITEMS			

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	6

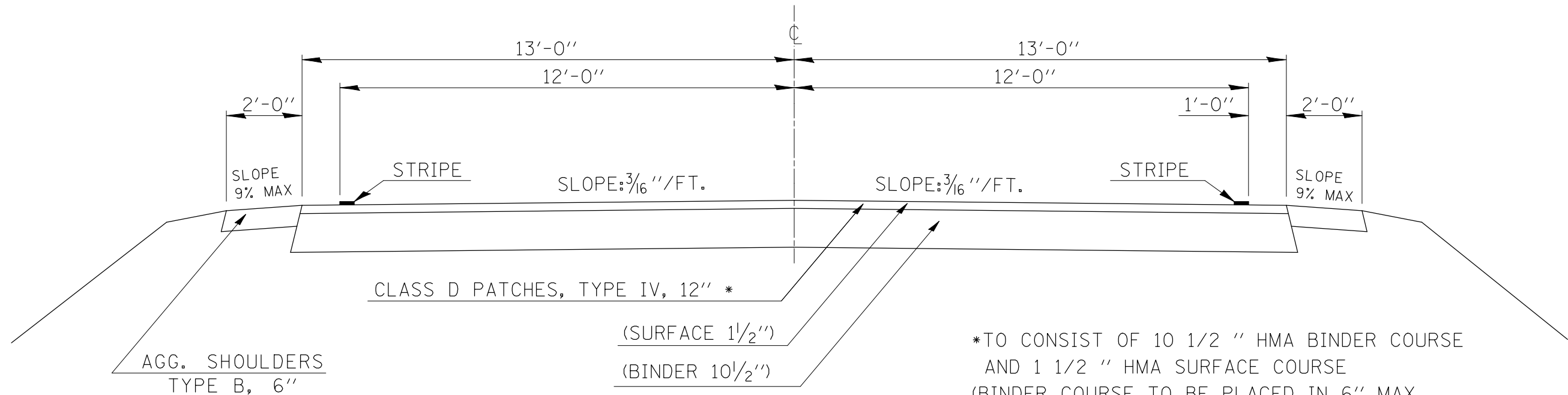
EXISTING ROADWAY CROSS SECTION

STA. 526+31.00 to STA. 526+75.00



PROPOSED ROADWAY CROSS SECTION

STA. 526+31.00 to STA. 526+75.00



*TO CONSIST OF 10 1/2 " HMA BINDER COURSE AND 1 1/2 " HMA SURFACE COURSE (BINDER COURSE TO BE PLACED IN 6" MAX. LIFT THICKNESS, 2 1/4" MIN. LIFT THICKNESS)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	7

SCHEDULE OF QUANTITIES

LOCATION	EARTH EXCAVATION CU YD	STRUCTURE EXCAVATION (CU YD)	EARTH EXC ADJ FOR SHRINKAGE	EMBANKMENT CU YD	BALANCE (-) FILL CU YD
LT STA 524+50 TO LT STA 529+00	71.1	158.6	172.3	314.0	-141.73
RT STA 524+00 TO RT STA 528+50	7.5	115.8	92.5	153.6	-61.13
SUB-TOTAL =	78.6	274.4	264.8	467.6	-202.85
TOTAL =	80.0	275.0	265.0	470.0	-205.0

NOTES:

QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%
 NO SHRINKAGE FACTOR APPLIED TO THE EMBANKMENT QUANTITY
 NO PAYMENT WILL BE ALLOWED FOR OVERHAUL

20200100-EARTH EXCAVATION	80
20400800-FURNISH EXCAVATION	205
50200100-STRUCTURE EXCAVATION	275

LANDSCAPING SCHEDULE										
LOCATION	SIDE	AREA (SQ FT)	25000210 SEEDING CLASS 2A (ACRE)	25001850 SEEDING CLASS 7 (MODIFIED) (ACRE)	25000400 NITROGEN FERTILIZER NUTRIENT (POUND)	25000500 PHOSPHORUS FERTILIZER NUTRIENT (POUND)	25000600 POTASSIUM FERTILIZER NUTRIENT (POUND)	25100115 MULCH METHOD 2 (ACRE)	25100630 EROSION CONTROL BLANKET (SQ YD)	28000250 TEMPORARY EROSION SEEDING (POUND)
STA 524+00 TO 529+00	LT	5,726.00	0.13		11.7	11.7	11.7	0.13		13.0
STA 524+00 TO 529+00	RT	6,338.00		0.15	13.5	13.5	13.5	0.15	283.30	15.0
SUB-TOTAL		12,064.00	0.13	0.15	25.2	25.2	25.2	0.28	283.30	28.0
TOTAL		12,100.00	0.25	0.25	45.0	45.0	45.0	0.50	285.0	50.0

48101500 AGGREGATE SHOULDERS TYPE B, 6"						
SIDE	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
RT	523+96.0	TO	528+20.0	424.0	2	94.22
LT	524+00.0	TO	528+37.5	437.5	2	97.22
TOTAL =						191.4
USE =						192.0

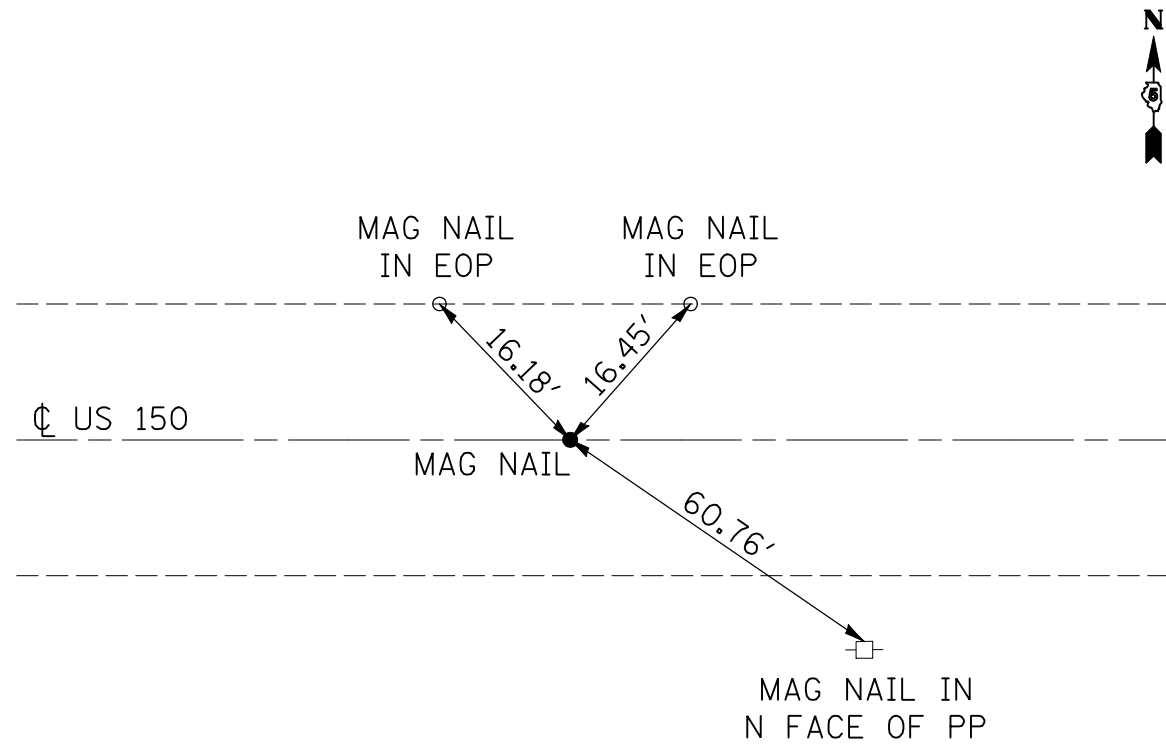
PROPOSED GUARDRAIL SCHEDULE																		
STRUCTURE	63100067				78201000	63000005				63000001				63000025			782000410	
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT				TERMINAL MARKER DIR. APPLIED	STEEL PLATE BEAM GUARDRAIL, TYPE B				STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS				STEEL PLATE BEAM GUARDRAIL ATTACH TO STRUCTURE			GUARDRAIL MARKER	
	STATION	TO	STATION	(EACH)	(EACH)	STATION	TO	STATION	LENGTH (FOOT)	STATION	TO	STATION	LENGTH (FOOT)	STATION	TO	STATION	LENGTH (FOOT)	EACH
S.N. 010-8125	524+79.10	TO	524+29.10	1.0	1.0	526+54.10	TO	526+29.10	25.0	524+79.10	TO	526+29.10	150.0	526+54.10	TO	526+66.60	12.5	3.0
	527+29.10	TO	527+79.10	1.0	1.0	526+66.60	TO	526+91.60	25.0	527+29.10	TO	526+91.60	37.5					2.0
TOTALS =				2.0	2.0				50.0				187.5				12.5	5.0

GUARDRAIL REMOVAL SCHEDULE				
63200310				
EXISTING STRUCTURE	STATION	TO	STATION	LENGTH (FOOT)
057-8149	RT 526+00.00	TO	LT 527+00.00	100.0
	LT 526+00.00	TO	LT 527+00.00	100.0
TOTAL =				200.0

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	8

CENTERLINE ALIGNMENT TIES

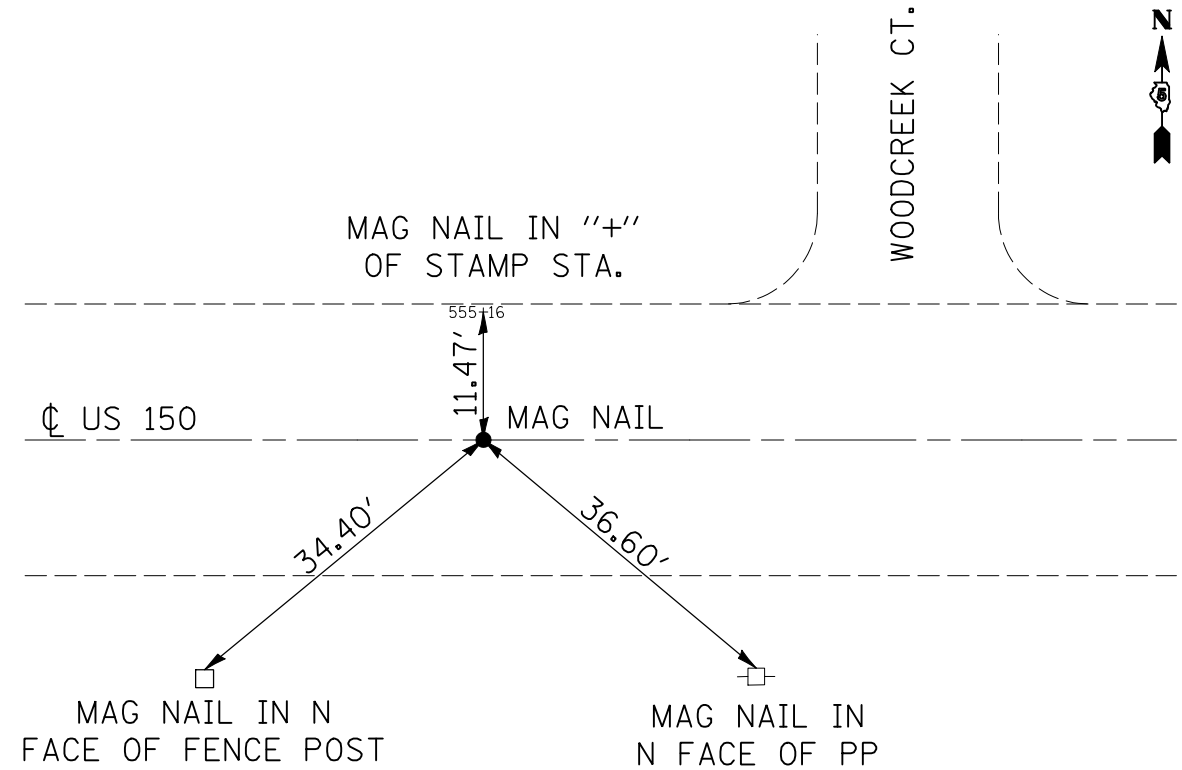
POT #1
STATION 517+63.72



SEE SURVEY BOOK 4760 PG. 5-4 NOT TO SCALE

CENTERLINE ALIGNMENT TIES

POT #3
STATION 535+10.60

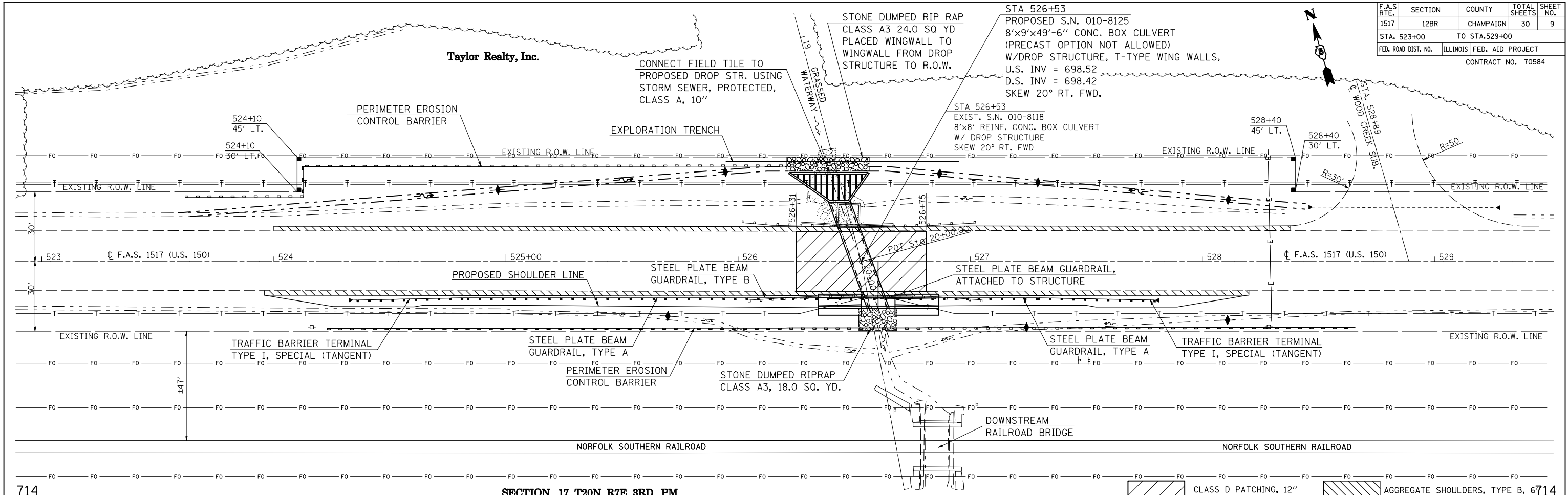


SEE SURVEY BOOK 4760 PG. 5-4 NOT TO SCALE

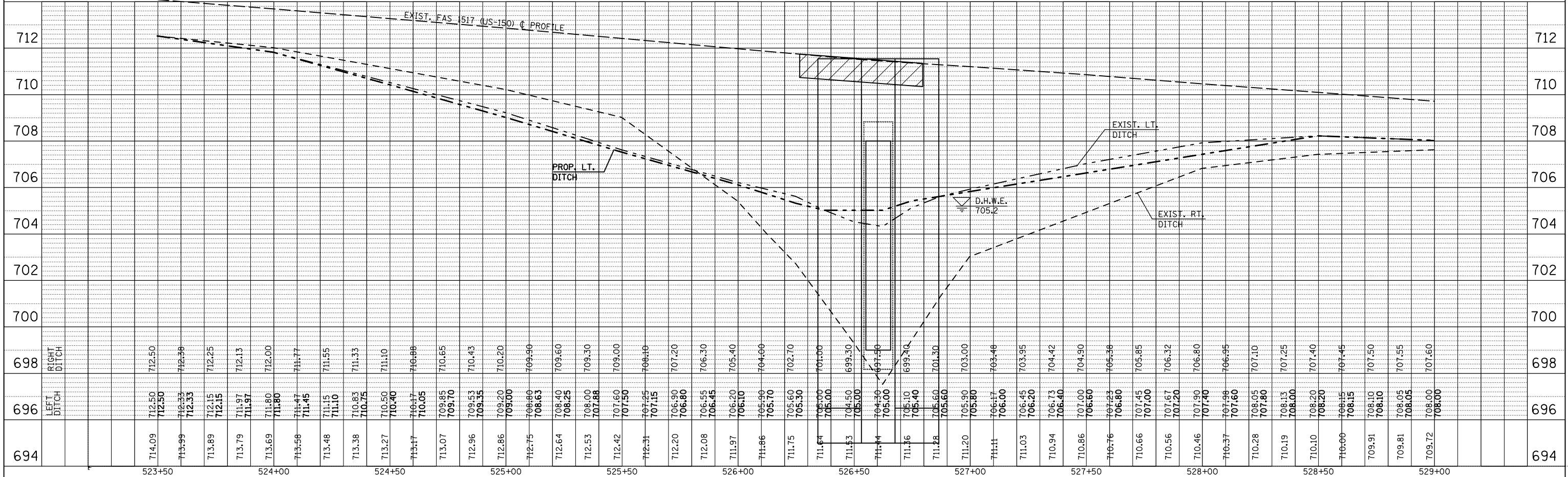
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	9
STA. 523+00		TO STA. 529+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 70584	

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



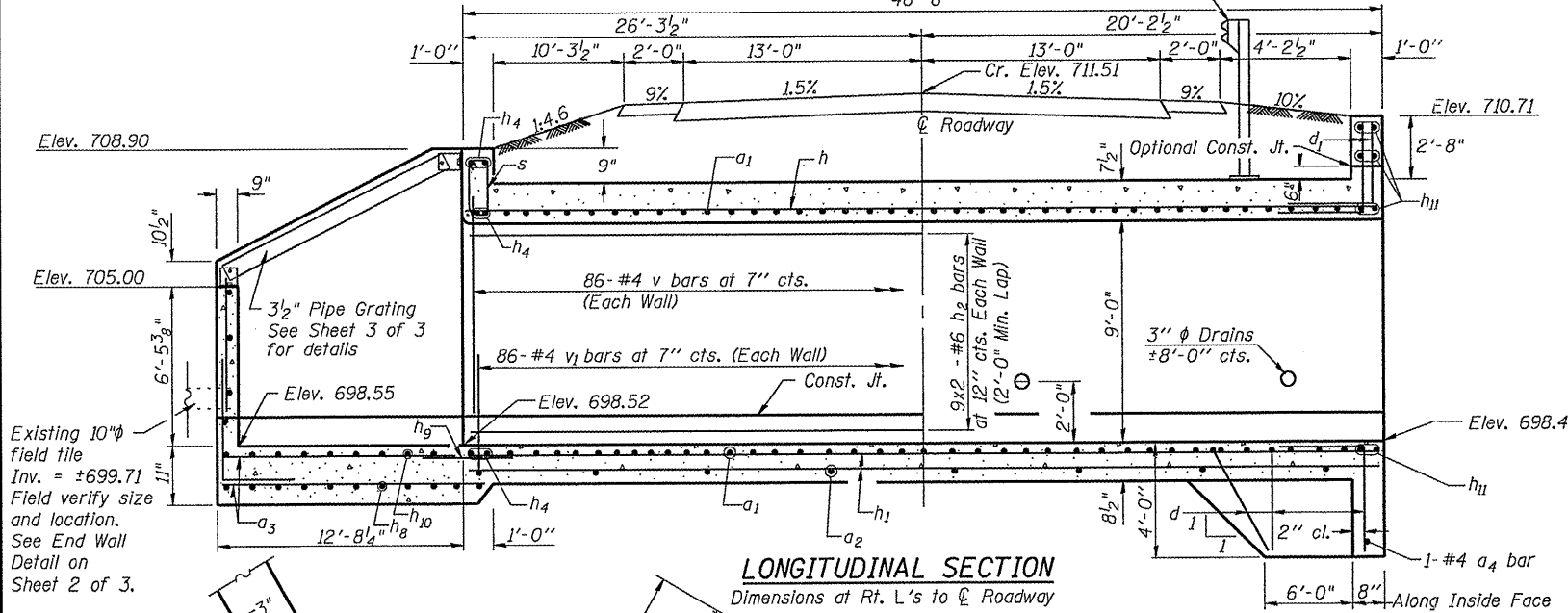
SECTION 17, T20N, R7E, 3RD PM



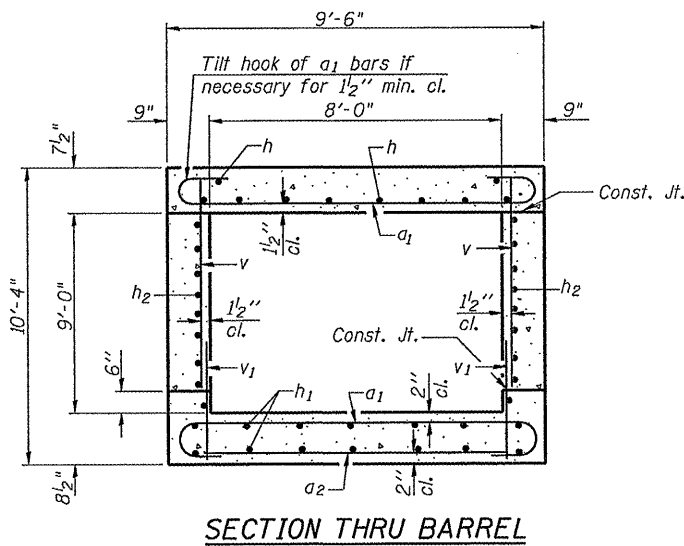
Bench Mark: Chiseled square on N.W. corner of concrete weir that extends N. of the A.R.B.C. Elevation 703.824.

See Highway Standard 630J01 for Guardrail Anchorage

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



LONGITUDINAL SECTION
Dimensions at Rt. L's to \bar{C} Roadway



SECTION THRU BARREL

SECTION THRU HEADWALL
(Up Stream End Only)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	184	#7	10'-10"	
a2	26	#4	8'-4"	
a3	47	#6	13'-4"	
a4	1	#4	14'-10"	
d	23	#4	5'-6"	
d1	14	#6	5'-8"	
d2	30	#6	5'-6"	
d3	30	#6	5'-7"	
d4	11	#4	4'-0"	
d5	11	#4	4'-0"	
d6	8	#4	4'-6"	
d7	8	#4	4'-6"	
h	22	#6	25'-7"	
h1	28	#5	25'-5"	
h2	36	#6	25'-7"	
h3	46	#4	18'-11"	
h4	6	#6	9'-9"	
h5	11	#4	21'-10"	
h6	11	#4	14'-8"	
h7	24	#4	13'-2"	
h8	13	#6	28'-1"	
h9	10	#4	4'-0"	
h10	13	#4	27'-3"	
h11	8	#6	14'-10"	
n(E)	50	#6	6'-4"	
n1(E)	52	#5	3'-9"	
s	10	#4	4'-6"	
t	84	#6	8'-9"	
v	172	#4	8'-11"	
v1	172	#4	2'-2"	
v2	52	#4	9'-5"	
v3	52	#5	7'-0"	
v4	12	#4	14'-5"	
v5	20	#6	6'-6"	
v6	19	#6	8'-0"	
v7(E)	76	#6	8'-0"	
v8	37	#6	5'-7"	
v9	16	#4	15'-11"	
v10	8	#6	2'-2"	
w	28	#5	18'-5"	

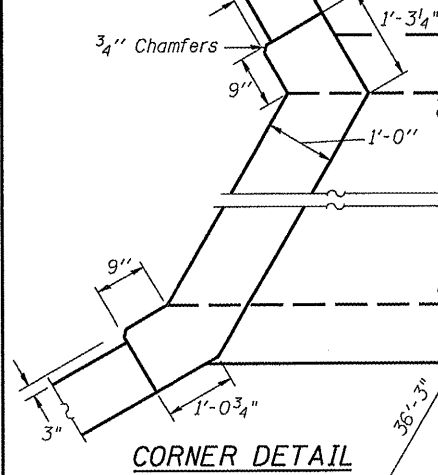
STATION 526+53.00
BUILT 2010 BY
STATE OF ILLINOIS
F.A.S. RT. 1517 SEC. 12BR
LOADING HS-20
STR. NO. 010-8125

NAME PLATE
See Std. 515001

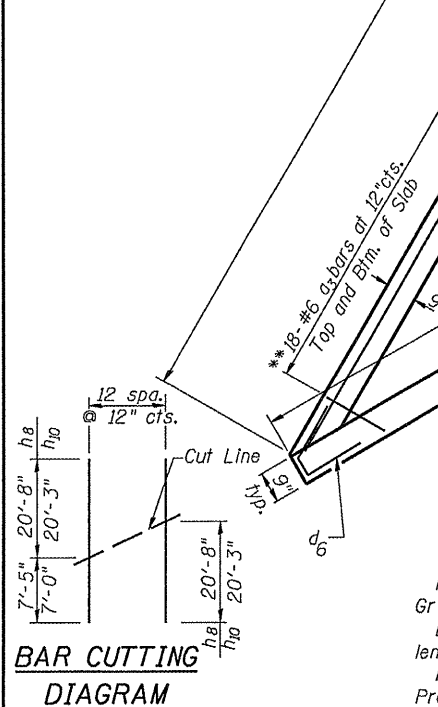
DESIGN STRESSES
fy = 60,000 psi
f'c = 3,500 psi

DESIGN SPECIFICATIONS
2002 AASHTO

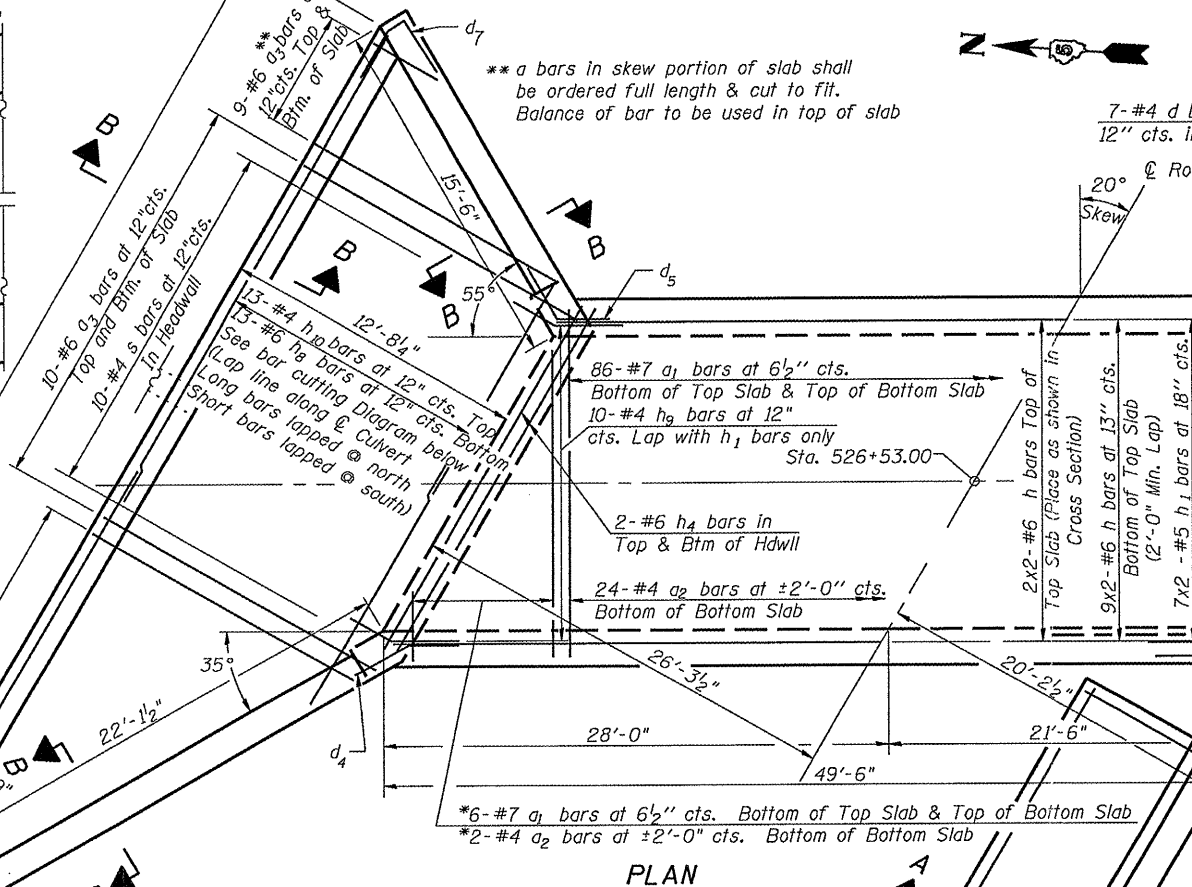
LOADING HS-20
Allow 50 #/ft² for future wearing surface



CORNER DETAIL



BAR CUTTING DIAGRAM

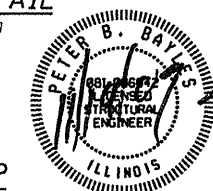


PLAN

NOTES
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
Bars indicated thus 14 x 2-#5 etc. indicates 14 lines of bars with 2 lengths per line.
Reinforcement bars designated (E) shall be epoxy coated.
Precast option not allowed.

CORNER DETAIL
Down Stream

MIN BAR LAP FOR BARREL & WING
#4 1'-8"
#5 2'-0"
#6 2'-7"

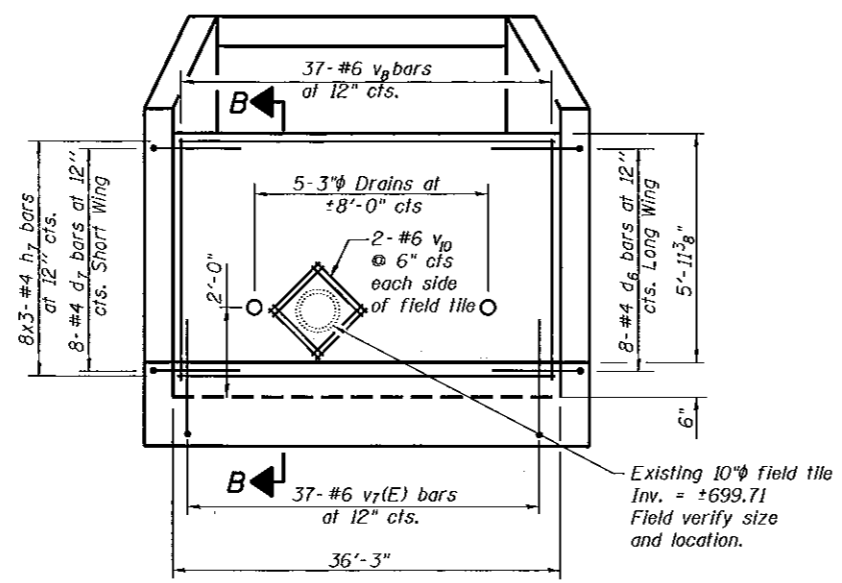
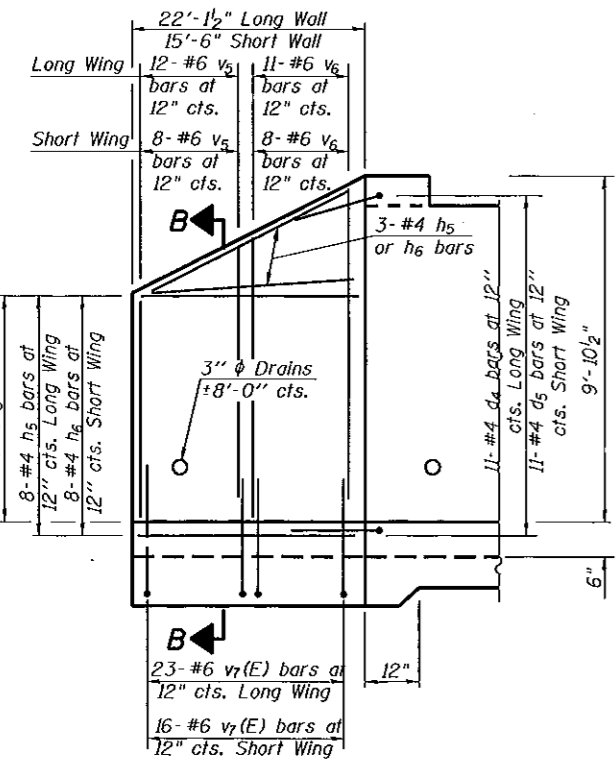
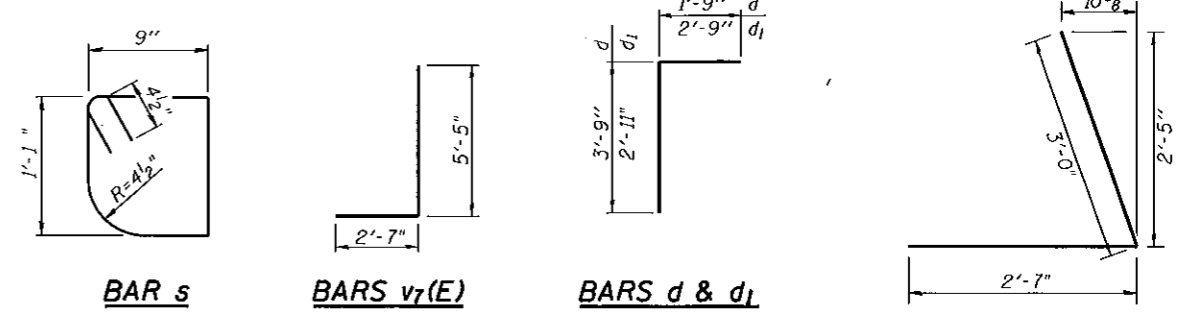
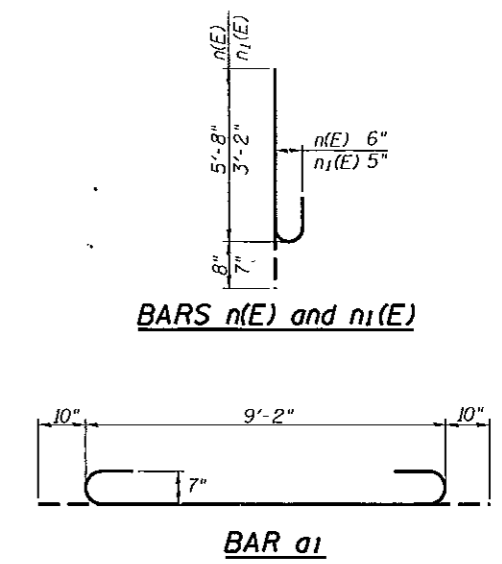
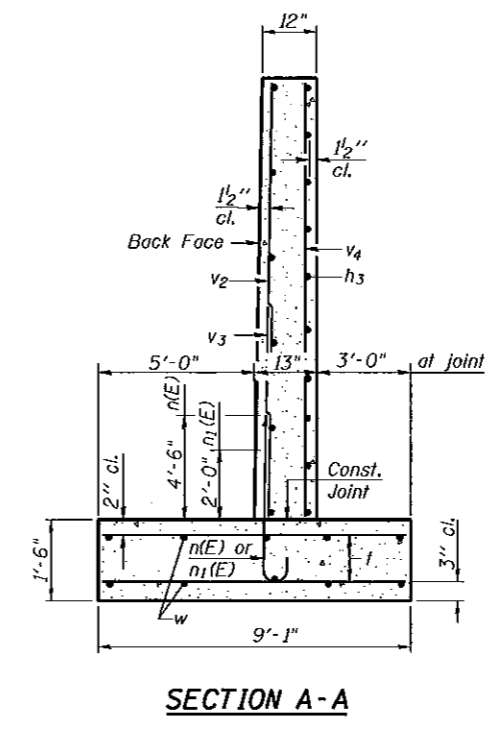
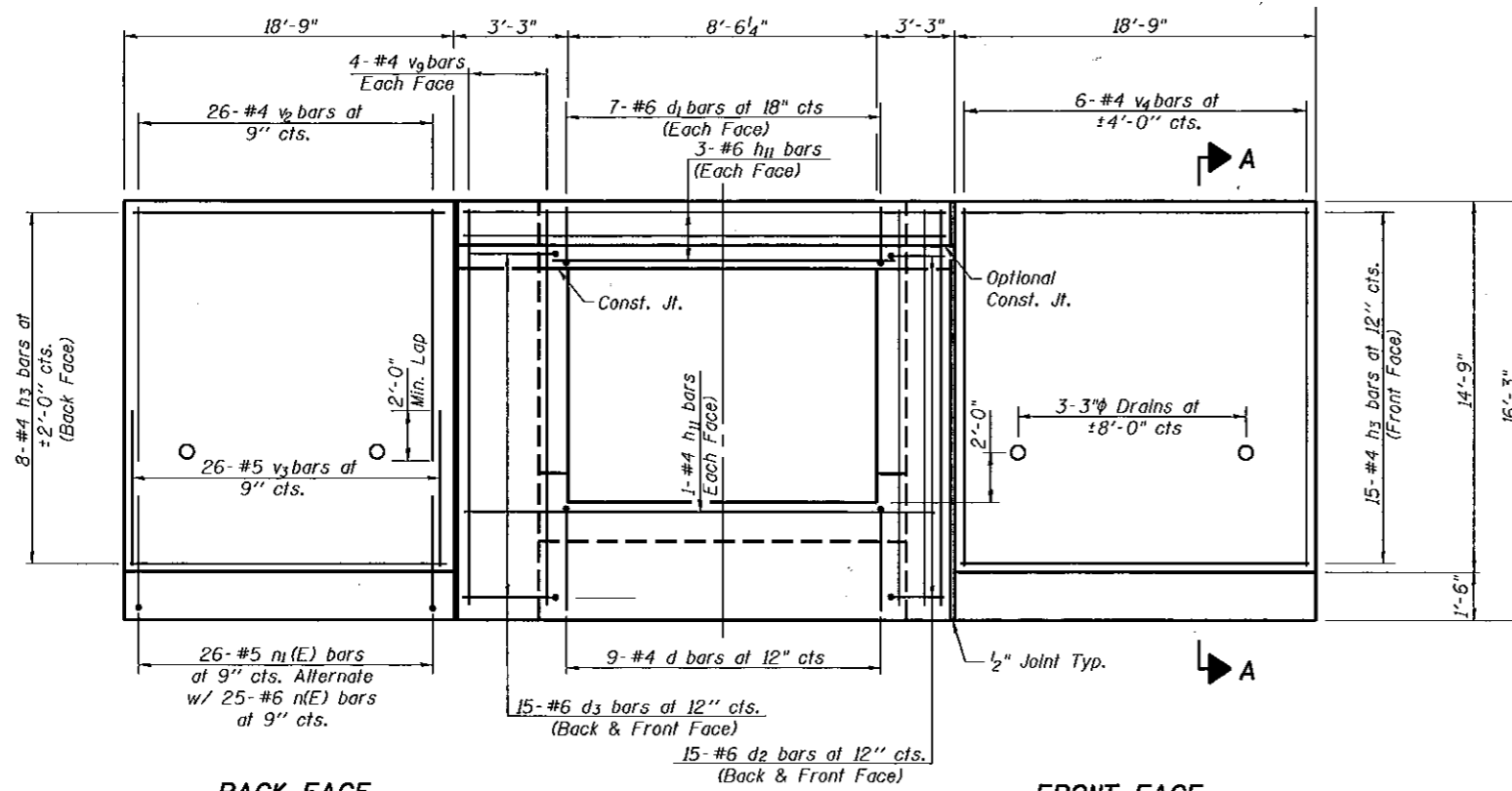


Peter B. Bayles, P.E., S.E.
Structural Engineer License No. 081-006042
Expiration Date: 11/30/2010

BOX PLAN & DETAILS
US 150 OVER DITCH
CHAMPAIGN COUNTY
STATION 526+53.00
STRUCTURE NO. 010-8125

SHEET NO. 1	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1517	12BR	CHAMPAIGN	30	10
3 SHEETS			CONTRACT NO. 70584		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

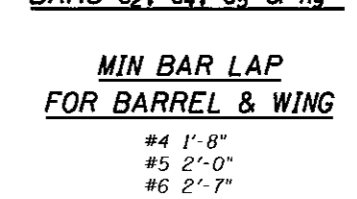
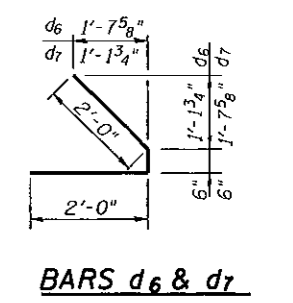
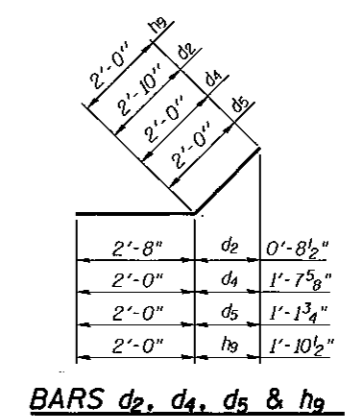
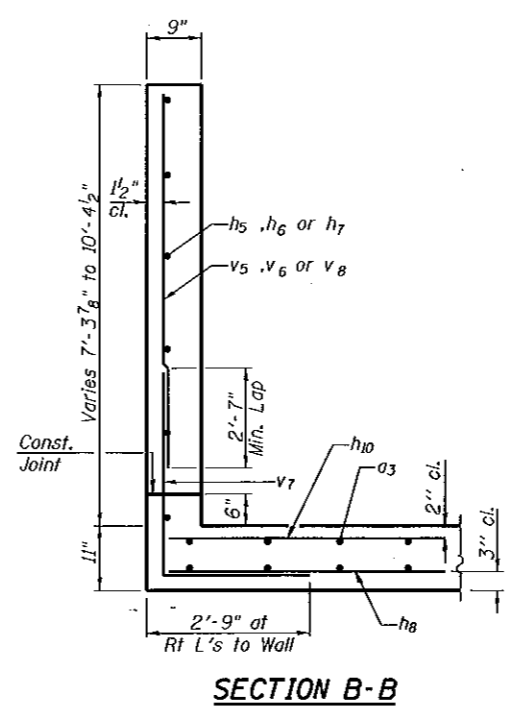
SEE SHEET 2 FOR WATERWAY INFORMATION TABLE



WATERWAY INFORMATION

Drainage Area = 0.2 mi ²		Exist. Low Grade Elev. 711.53 @ Sta. 526+53		Prop. Low Grade Elev. 711.53 @ Sta. 526+53		
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater El.
			Exist.	Prop.	Exist.	Prop.
Design	10	150	43	46		704.4
Base	50	260	51	53		704.3
Overtopping	100	311	55	57		705.8
Max. Calc.	500	442	64	66		705.6
						707.0
						706.7

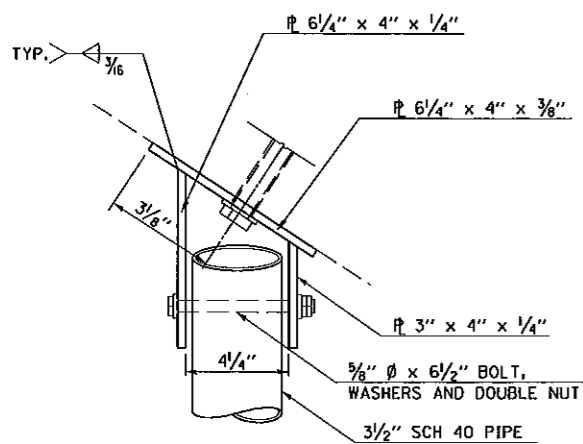
10 year velocity through existing bridge = 3.67 fps
10 year velocity through prop. bridge = 3.34 fps



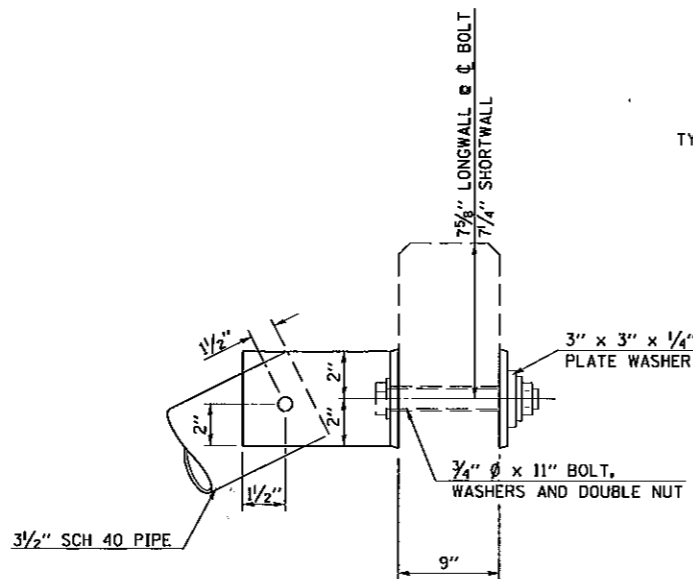
WING DETAILS
US 150 OVER DITCH
CHAMPAIGN COUNTY
STATION 526+53.00
STRUCTURE NO. 010-8125

SHEET NO. 2	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1517	12BR	CHAMPAIGN	30	11
3 SHEETS	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		CONTRACT NO. 70584			

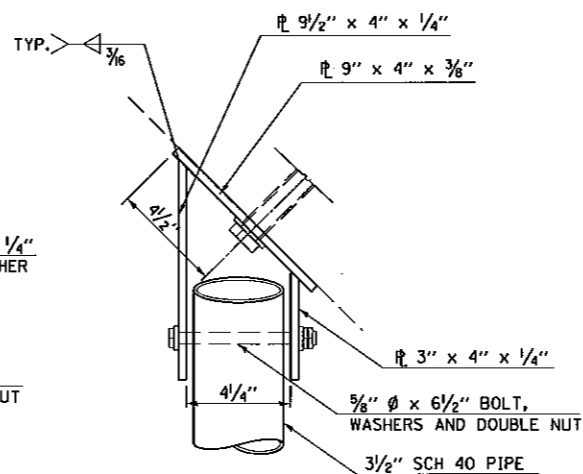
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN AT LONG WINGWALL
(6 EACH)



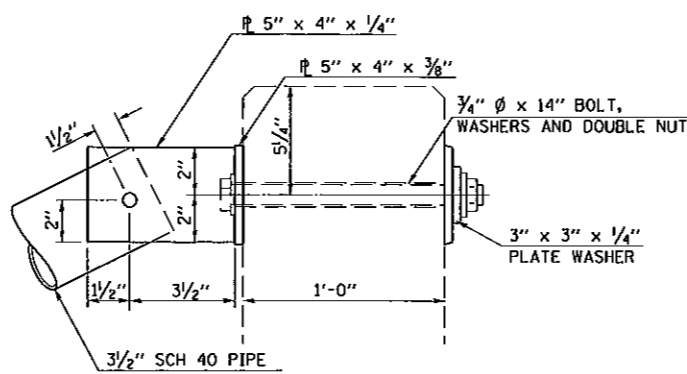
ELEVATION AT WINGWALLS
(9 EACH)



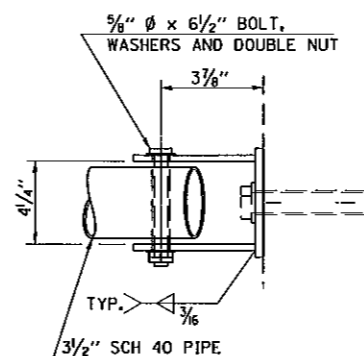
PLAN AT SHORT WINGWALL
(3 EACH)

GENERAL NOTES

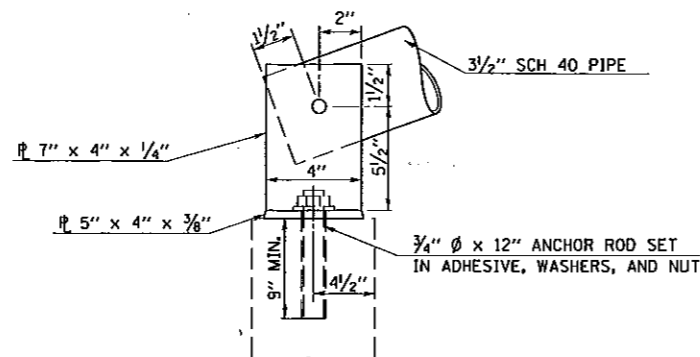
1. BOLTS, RODS, AND NUTS SHALL CONFORM TO A.S.T.M. A 307. ALL BOLTS SHALL HAVE WASHERS AT EACH END. HOLES SHALL BE 1/16" (2 mm) OVERSIZED UNLESS OTHERWISE NOTED EXCEPT IN CONCRETE WHICH SHALL BE 1/8" (4 mm) OVERSIZED.
2. STEEL PLATES SHALL CONFORM TO A.A.S.H.T.O. M 183. STEEL PIPES SHALL CONFORM TO A.S.T.M. A 53, GRADE B OR A.S.T.M. A 501.
3. STEEL PIPES, ANGLES AND PLATES SHALL BE HOT DIPPED GALVANIZED CONFORMING TO THE REQUIREMENTS OF A.A.S.H.T.O. M 111.
4. BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED CONFORMING TO THE REQUIREMENTS OF A.A.S.H.T.O. M 232.
5. THE APPROXIMATE WEIGHT OF THE STEEL IS 1190 POUNDS. THIS TOTAL INCLUDES PLATES AND PIPES. BOLTS, NUTS AND WASHERS ARE NOT INCLUDED.
6. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD. CUTTING OF THE STANDARD WEIGHT PIPE TO THE EXACT LENGTH AND DRILLING HOLES IS TO BE DONE IN THE FIELD.
7. DRILLING AND SETTING PROCEDURES FOR ANCHOR RODS IN END WALL SHALL BE IN ACCORDANCE WITH SECTIONS 509.02 AND 509.06 OF THE STANDARD SPECIFICATIONS.
8. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "GRATING FOR BOX CULVERT, LOCATION 1" WHICH PRICE SHALL INCLUDE ALL MATERIAL AND LABOR TO COMPLETE THE INSTALLATION AS SHOWN.



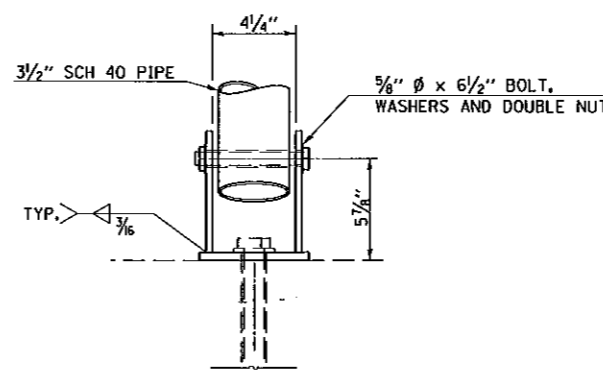
ELEVATION AT HEADWALL
(4 EACH)



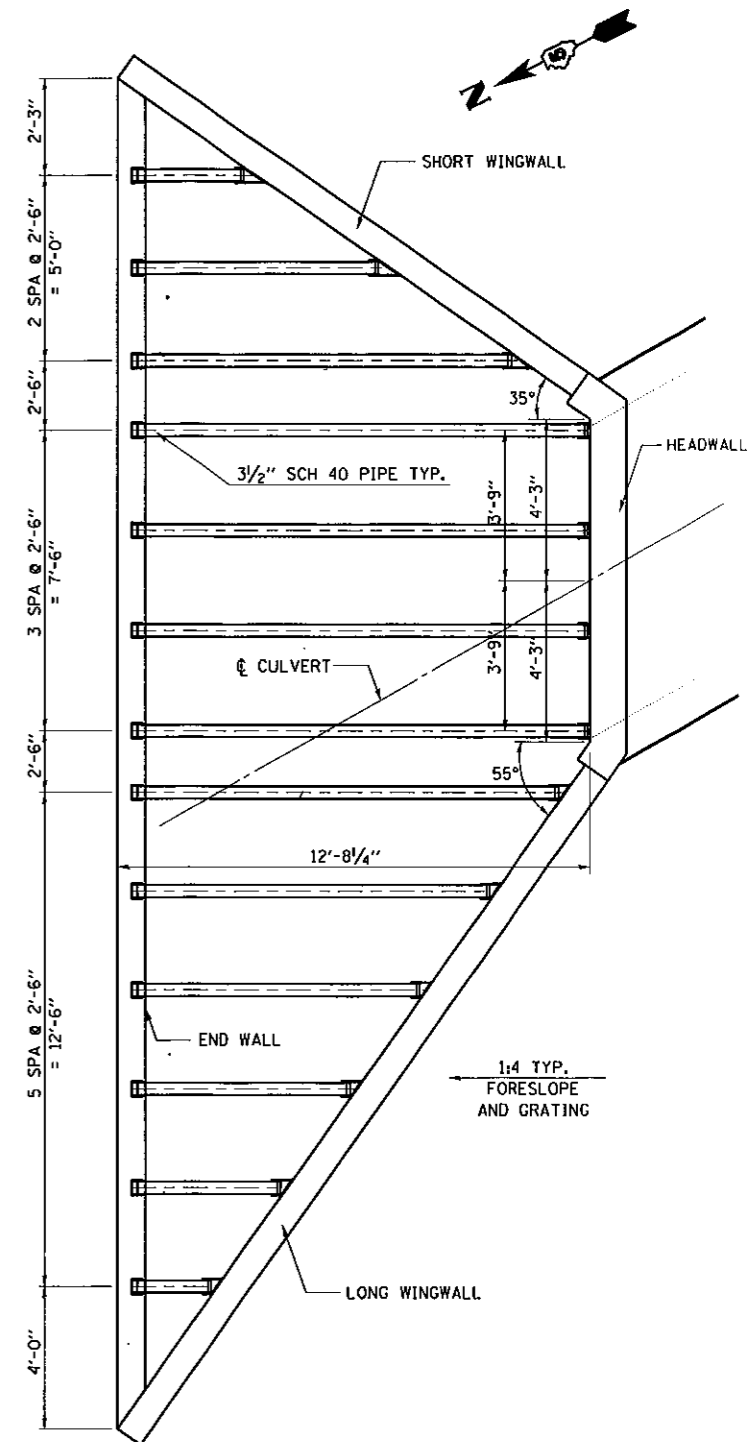
PLAN AT HEADWALL
(4 EACH)



ELEVATION AT ENDWALL
(13 EACH)



PLAN AT ENDWALL
(13 EACH)



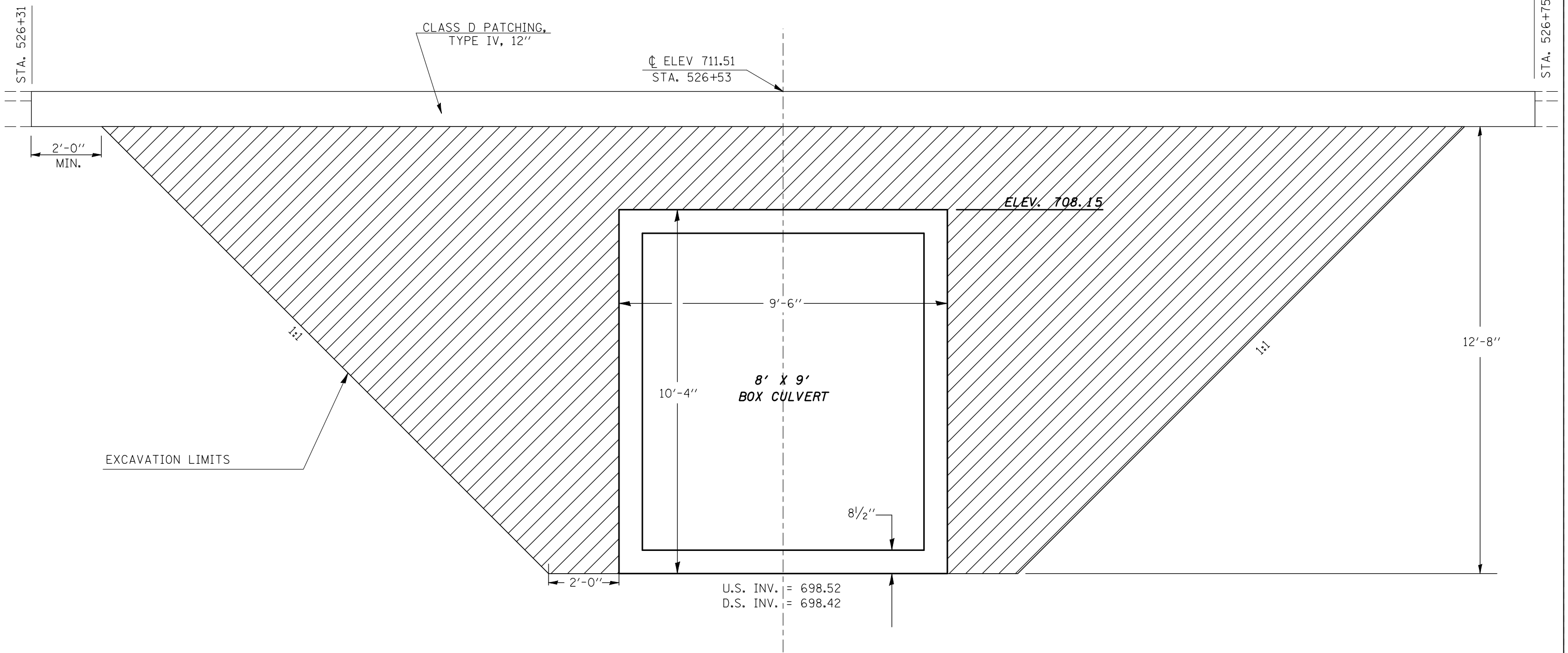
GRATING PLAN

GRATING DETAILS
US 150 OVER DITCH
CHAMPAIGN COUNTY
STATION 526+53.00
STRUCTURE NO. 010-8125

SHEET NO. 3 3 SHEETS	F.A.S. RTE. 1517	SECTION 12BR	COUNTY CHAMPAIGN	TOTAL SHEETS 30	SHEET NO. 12
	CONTRACT NO. 70584				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

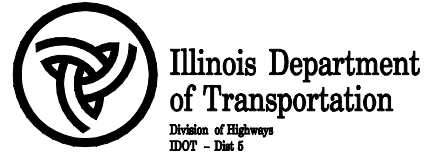
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	13

DETAIL OF POROUS GRANULAR EMBANKMENT & DETAIL OF STRUCTURE EXCAVATION



PAY LIMITS OF POROUS GRANULAR EMBANKMENT - CA 7
NOTE: POROUS GRANULAR EMBANKMENT SHALL EXTEND
18'-0" EACH SIDE OF F.A.S. 1517 CENTERLINE.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



SOIL BORING LOG

Page 1 of 1

Date 9/19/06

ROUTE FAS 1517 (US-150) DESCRIPTION Box Culvert on US 150 Just West of Mahomet LOGGED BY CNA
 SECTION 12BR LOCATION NE, SEC. 17, TWP. 20N, RNG. 7E, 3rd PM
 COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DESCRIPTION	D E P T H (ft)	B L O W S Qu (6")	U C S (tsf)	M O S T (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
010-8118(Exit.)	526+53						699.6 ft	699.4 ft				
1 N. Boring	526+56								697.8 ft ▼			
	39.0 ft Lt.									Wash Bored		
	705.8 ft											
		Black to Gray Mottled Silty Clay Loam										
	702.8											
		Brown Mottled Silty Clay		3								
				3		19						
				3								
	699.8											
		Gray Sandy Loam Till with Gray Sand/Silt Seams		2								
				2								
				4								
	697.3											
		Gray Sandy Loam Till & Dirty Loose Coarse Sand (Mixed)		3								
				9		8						
				9								
				3								
		(Wash Bored - 2' Blow In)		9		7						
				15								
				12								
				16		8						
				19								
	688.8											
		Gray Sandy Clay Loam Till		5								
				12	9.0	8						
				20	S							
	685.8											

End of Boring
 An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
 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)

1/6/2007 8:28:47 AM S:\SOILS\BORING-1\CHAMPA-1\010-8118\EST.GPJ

PLOT DATE = 12/31/2009
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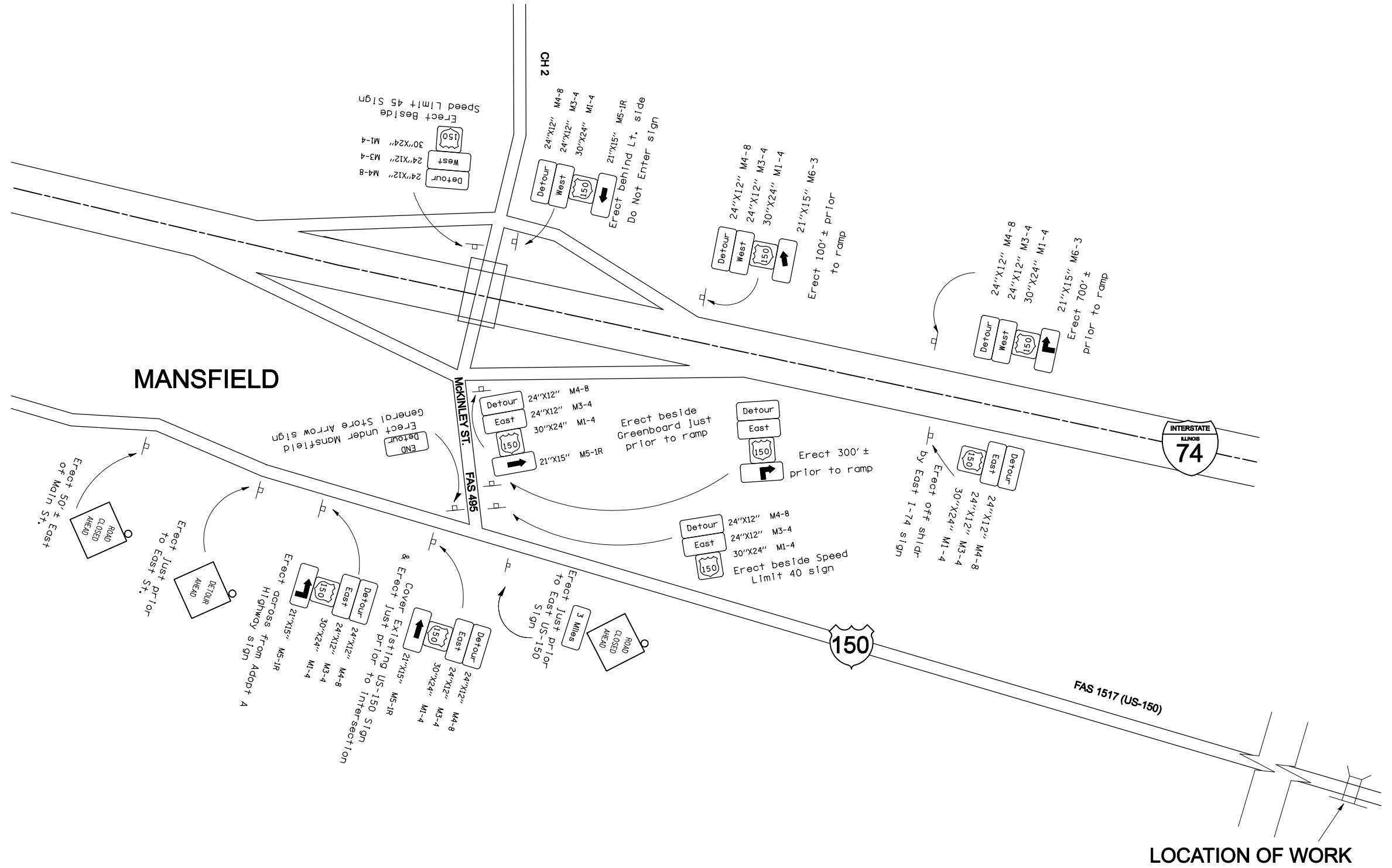
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

SCALE: NA
 DATE: 01-16-07
 DRAWN BY: RW/CA
 CHECKED BY:

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	15

DETOUR SIGNING DETAIL MANSFIELD



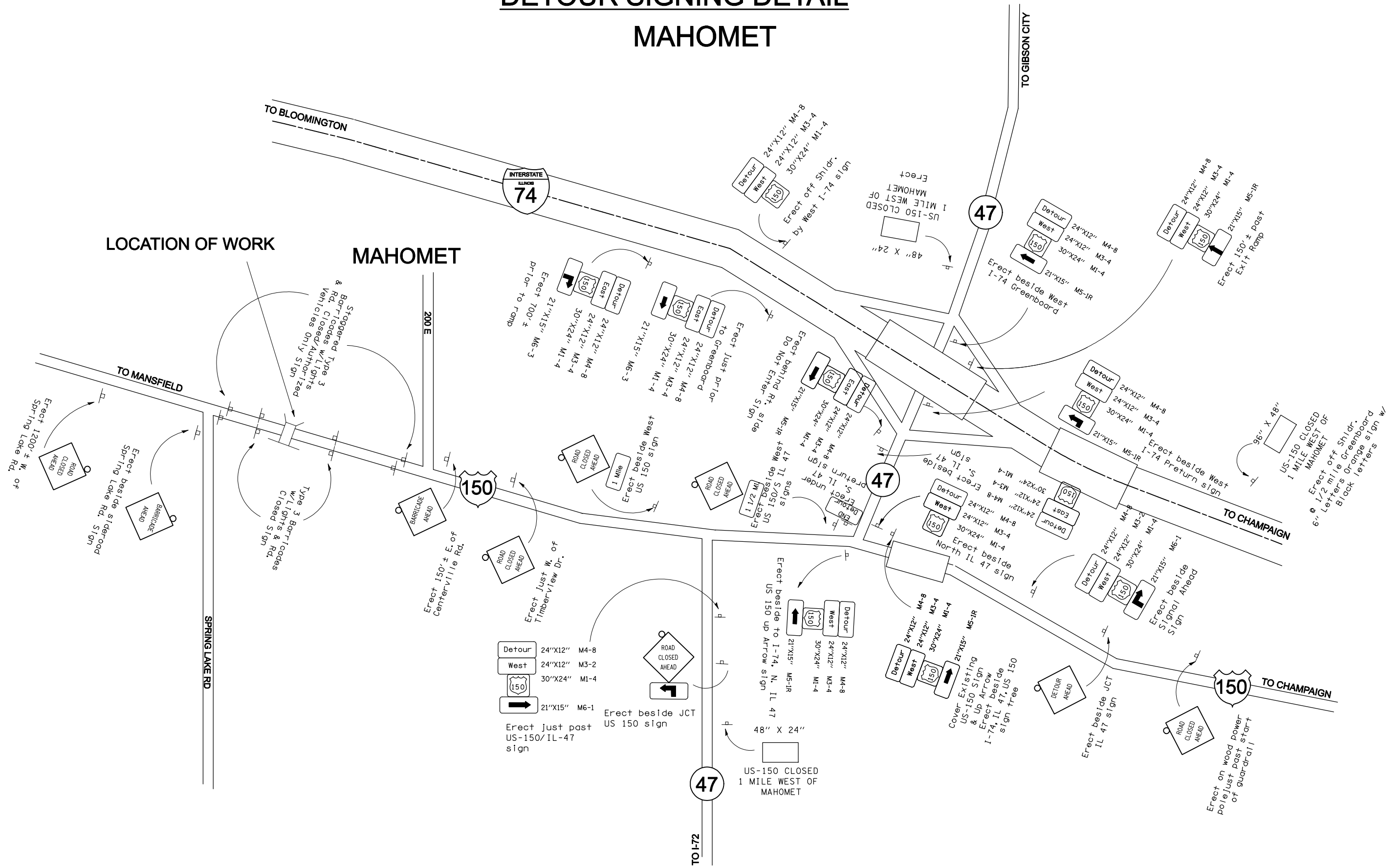
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 USER NAME = coombessf



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	16

DETOUR SIGNING DETAIL

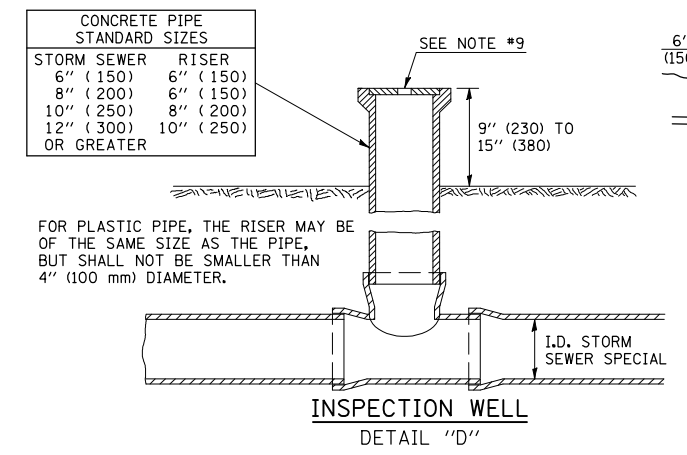
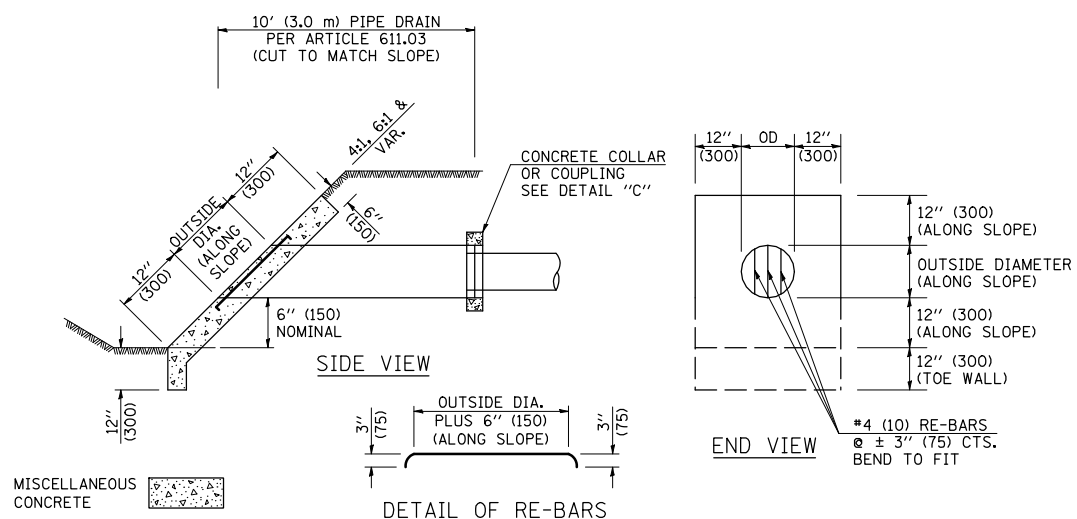
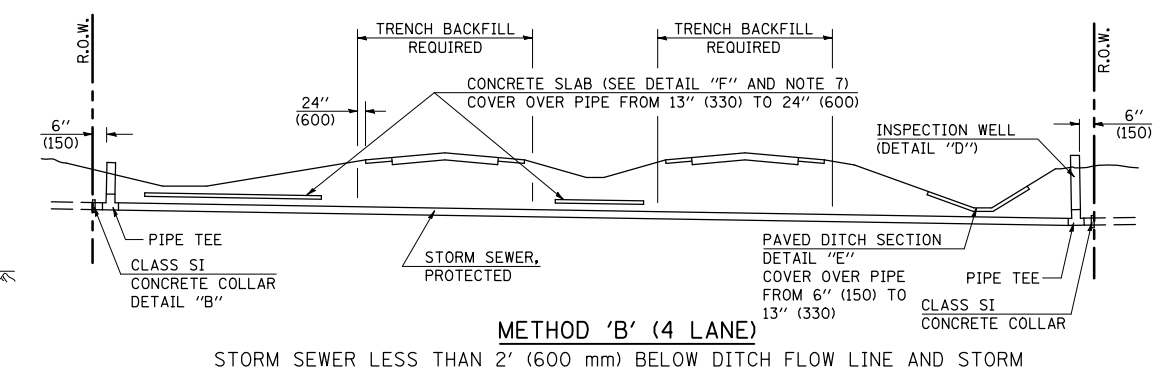
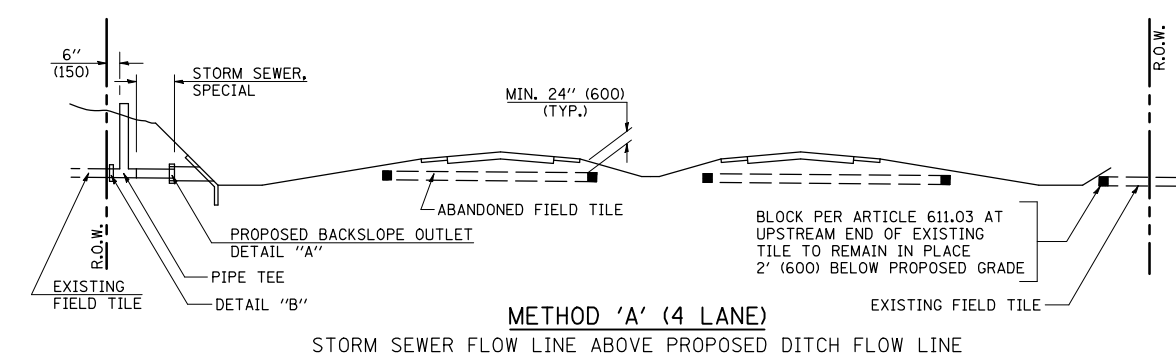
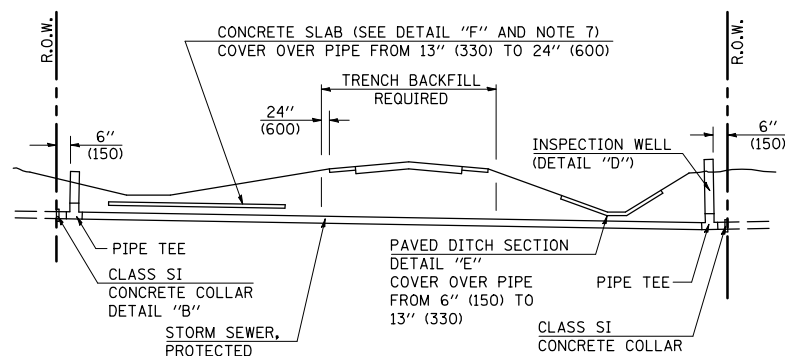
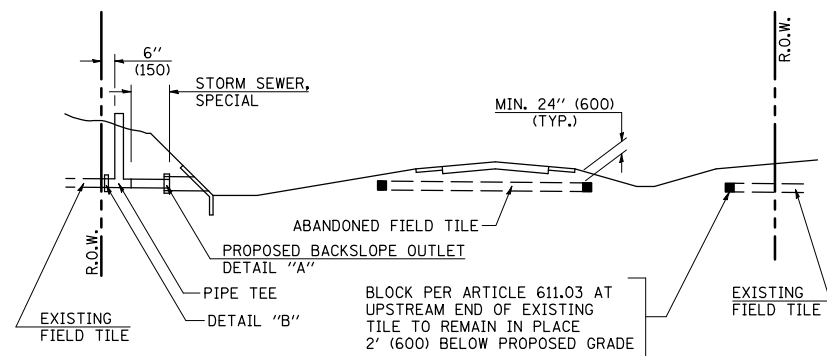
MAHOMET



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 USER NAME = coombessf

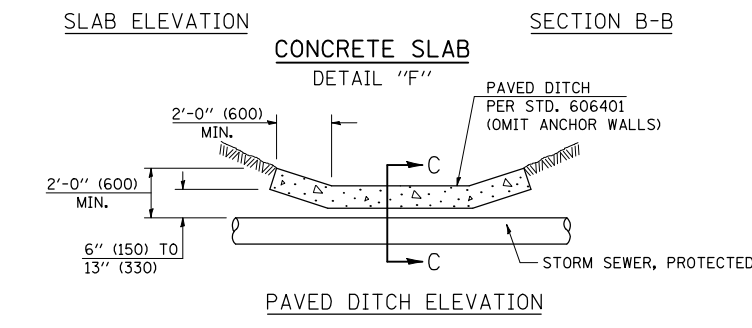
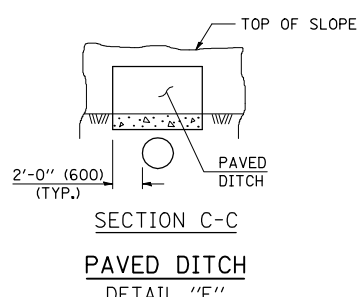
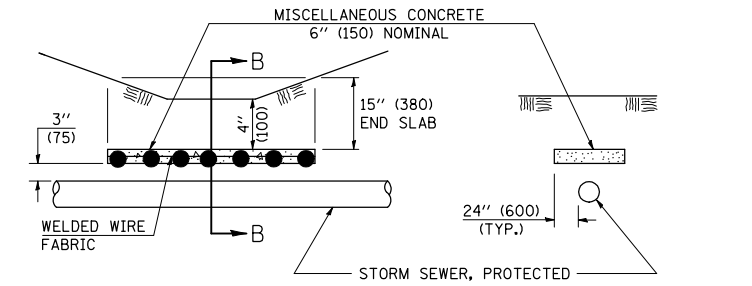


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	17



GENERAL NOTES

- EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
- ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
- INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" (150 mm) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
- EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, SPECIAL OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- THE 6" (150 mm) CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT-OF-WAY WITH LESS THAN 2' (600 mm) OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
- ALL MISCELLANEOUS SLABS, APRONS AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401.
- HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10" (250 mm). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.



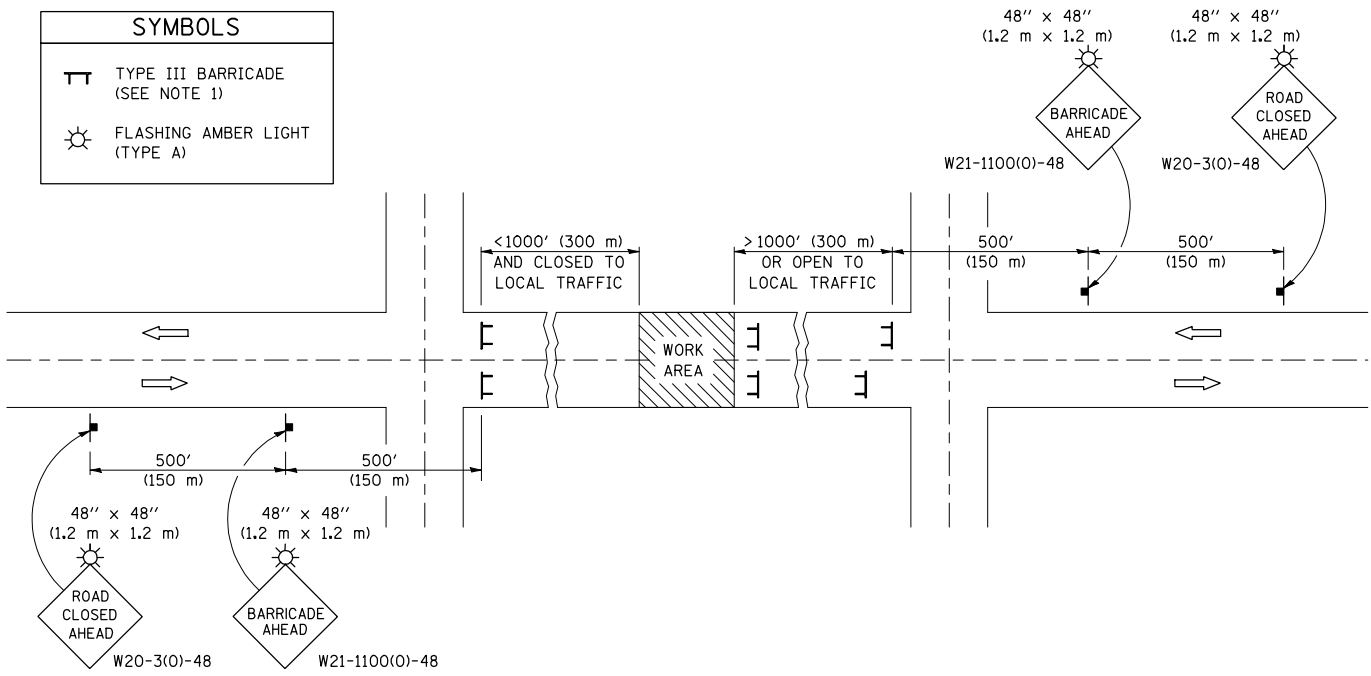
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL A-18.02	TJB	
			FIELD TILE SYSTEMS (TREATMENT OF EXISTING)
			DISTRICT 5 DETAIL NO. 61101011A

PLOT DATE = 12/23/2009
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 PLOT SCALE = 42.8695 / IN.
 USER NAME = cocomessaf

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	18

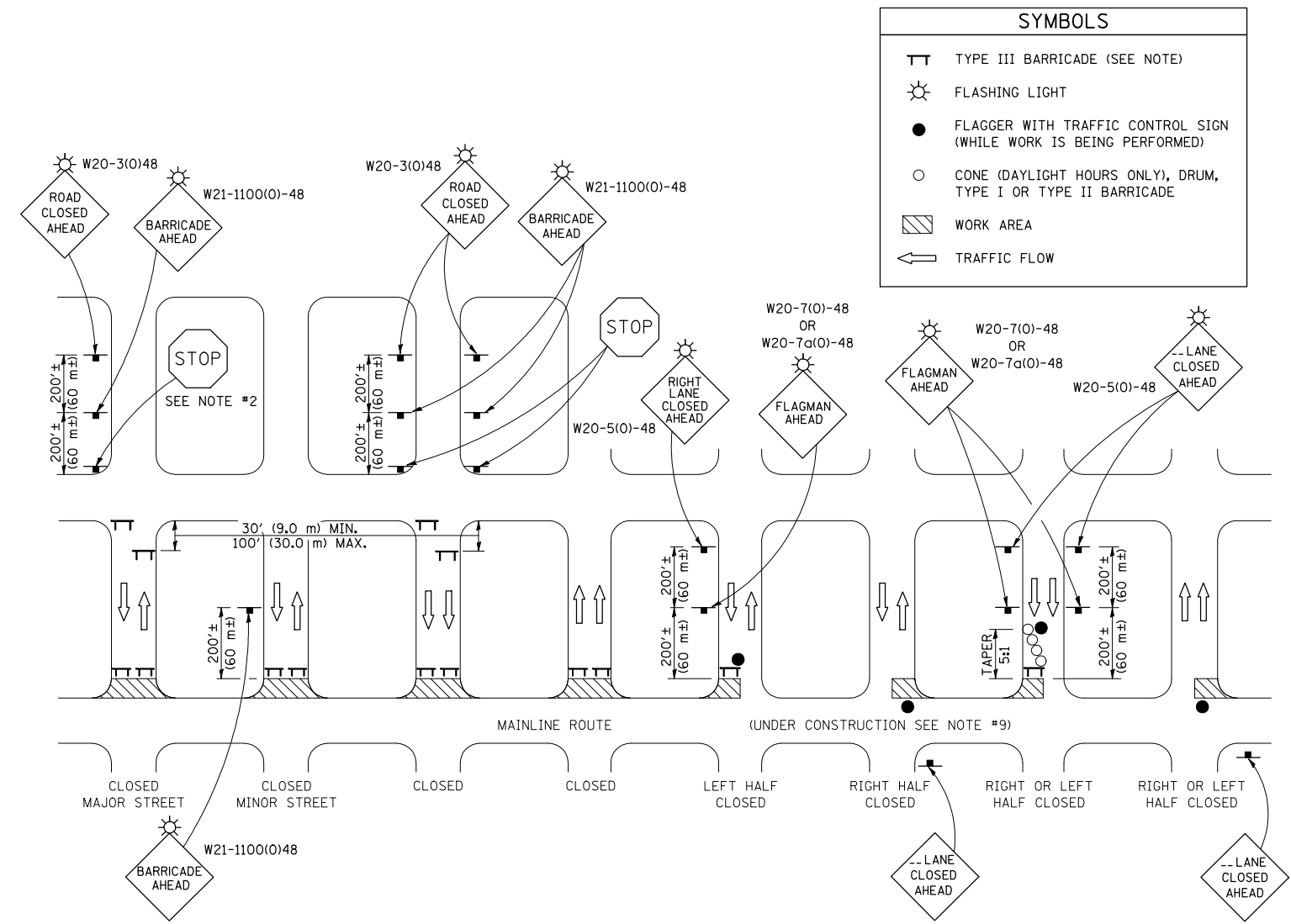
ROAD CLOSURE



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SIDEROAD / STREET CLOSURE



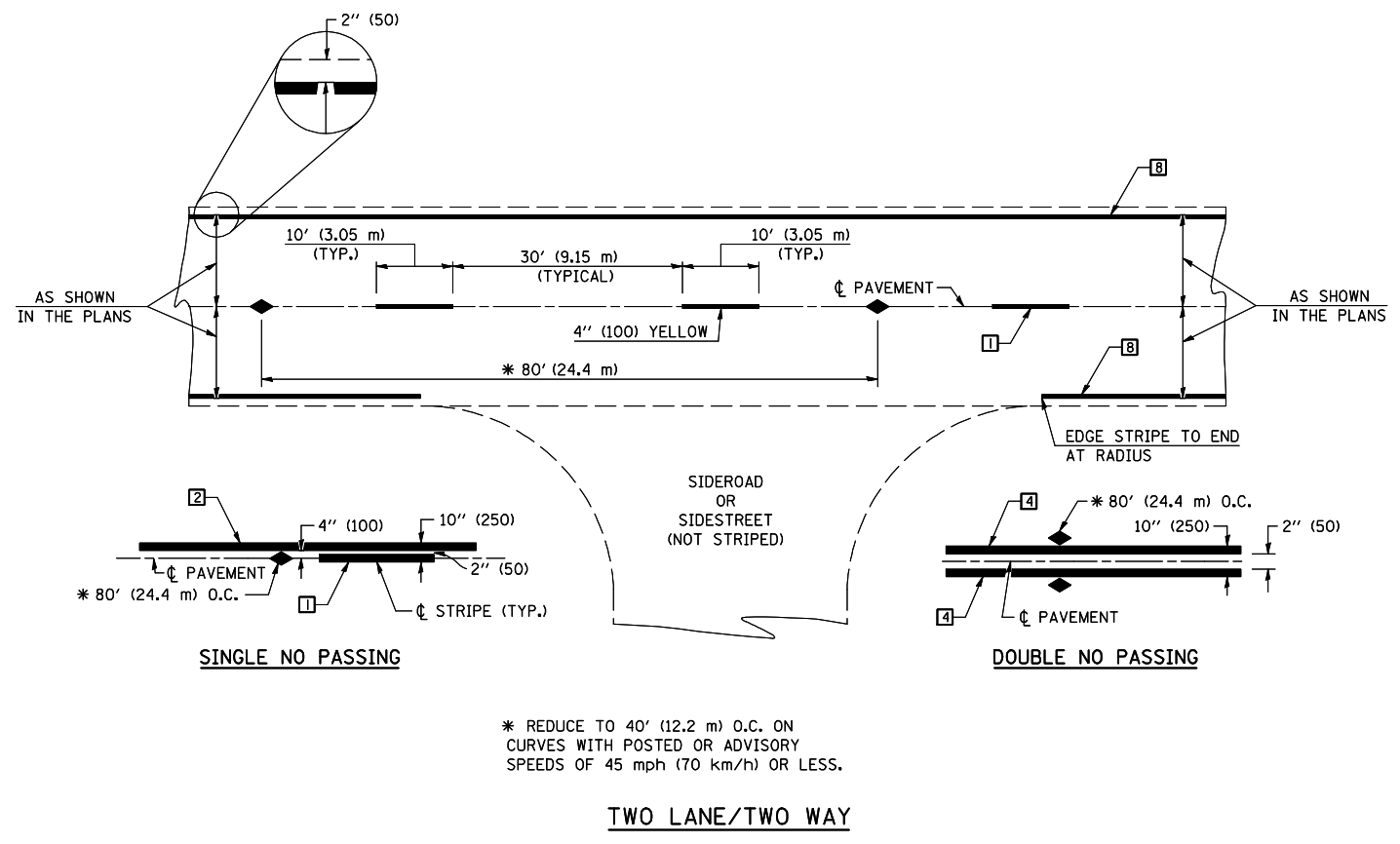
GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS INVOLVING THE RECONSTRUCTION OF ALL APPLICABLE SIDE STREETS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME
08/07	TITLE CHANGE	KAG
11/06	REPLACED DETAILS F-5.03 & F-5.04	TJB
12/07	REFERENCE CHANGE	KAG

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL & PROTECTION DEVICES
 (ROAD & SIDEROAD/STREET CLOSURES)
DISTRICT 5 DETAIL NO. 70200000



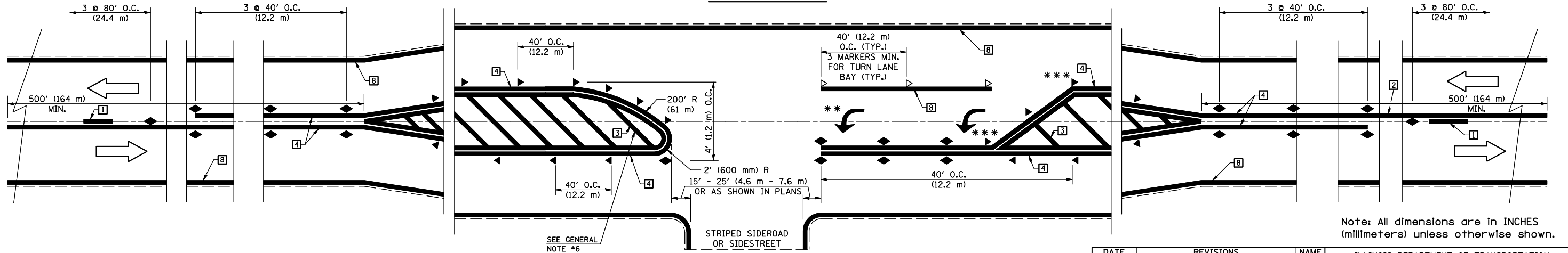
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 RESERVED
 - 6 RESERVED
 - 7 4" (100) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) LANE LINE EXTENSIONS (WHITE)
 - 14 4" (100) PARKING WHITE
-

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

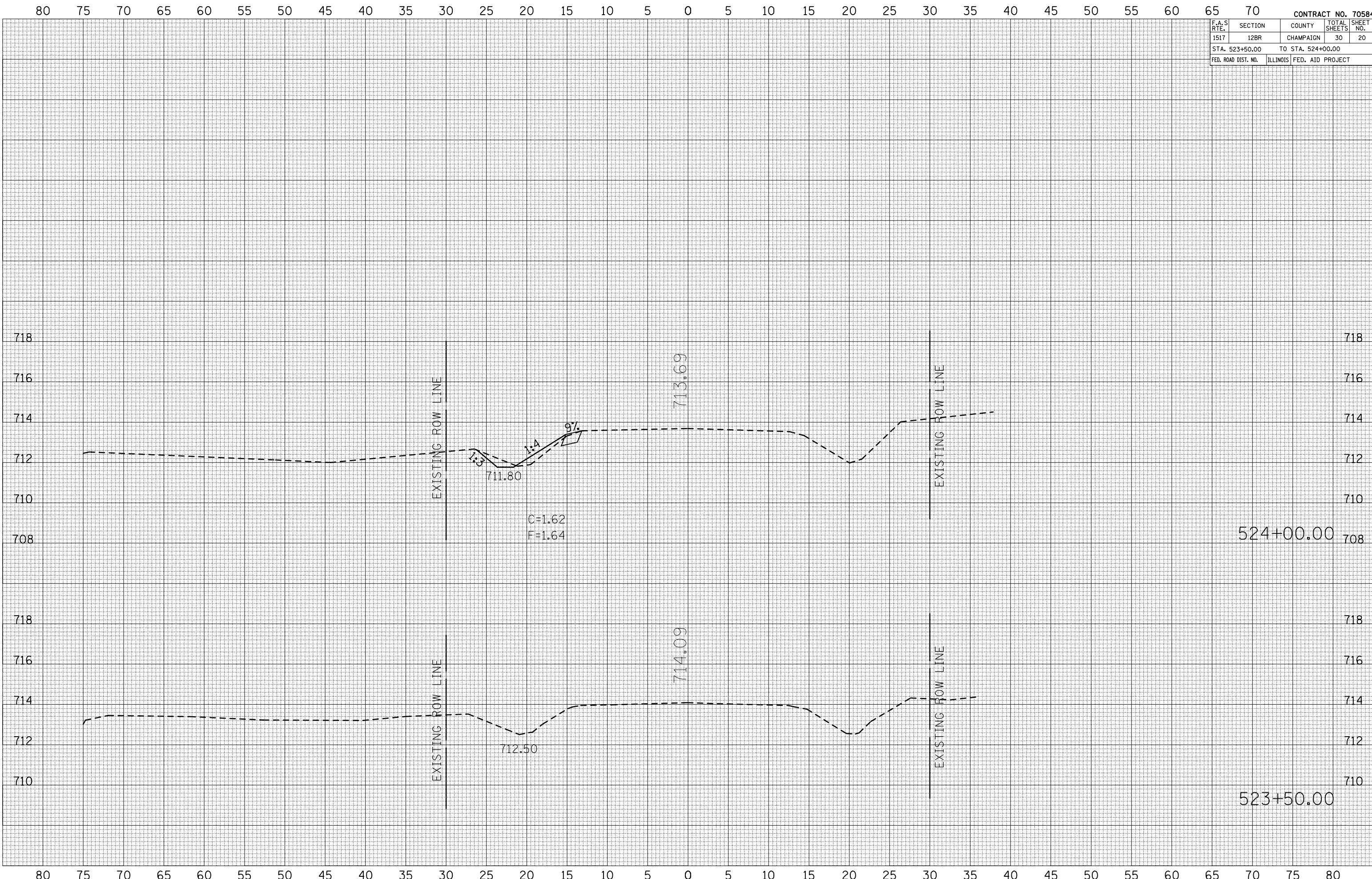
DISTRICT 5 DETAIL NO. 7800AAAA

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	20
STA. 523+50.00		TO STA. 524+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

BY	DATE

PLOT DATE = 12/3/2009
 FILE NAME = 1015918
 PLOT SCALE = 1/4" = 100'
 USER NAME = coombesf



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	21
STA. 524+50.00		TO STA. 525+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

FINAL SURVEY	SURVEYED	PIOTTED	DATE

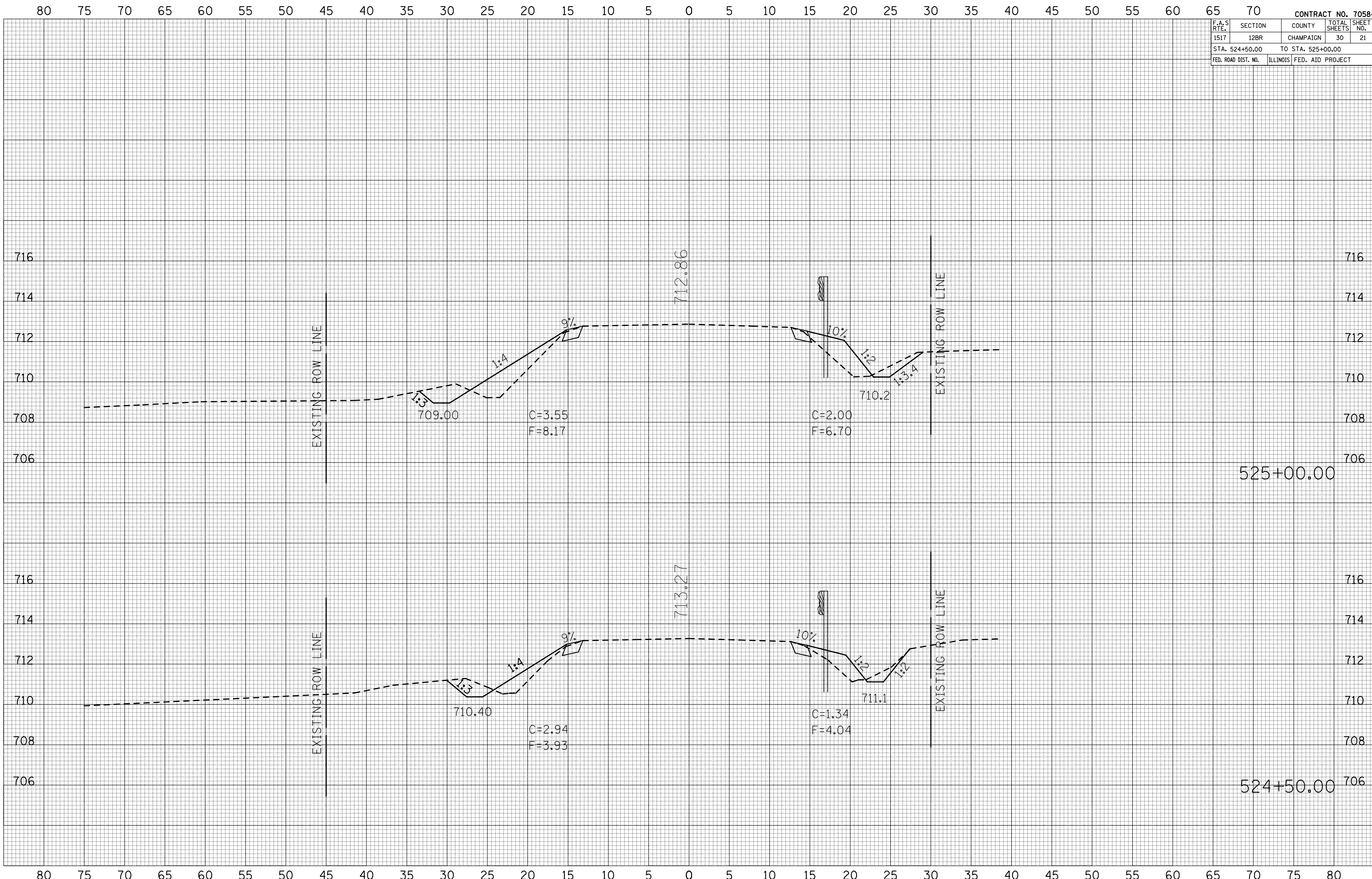
NO.	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED	PIOTTED	DATE

NO.	AREAS CHECKED

PLOT DATE = 12/3/2009
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = ccoombasf



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	22
STA. 525+50.00		TO STA. 526+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

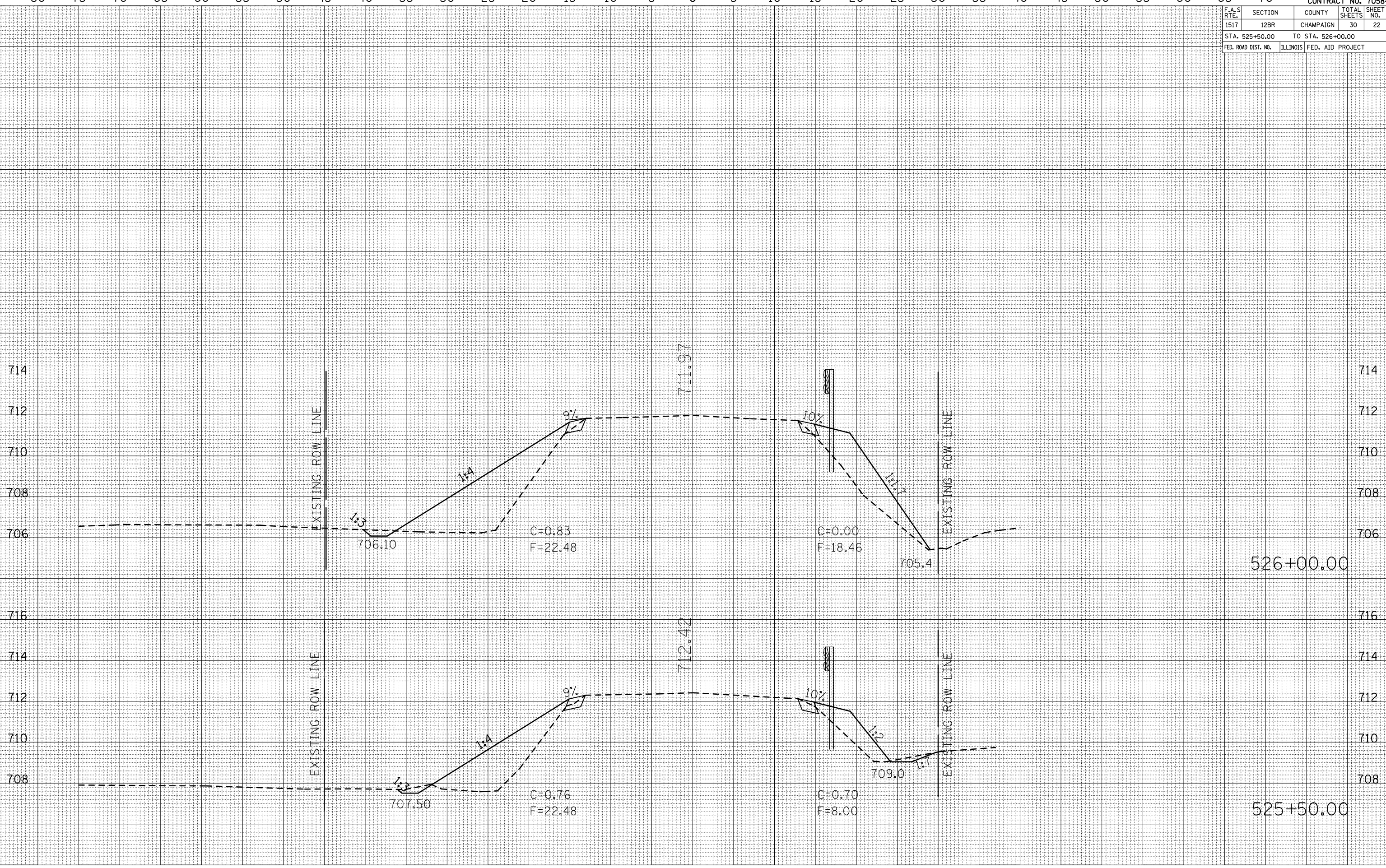
BY	DATE

FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED TEMPLATE
	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED
PLOTTED	PLOTTED
AREAS CHECKED	AREAS CHECKED

PLOT DATE = 12/3/2009
 PLOT SCALE = 1" = 40.00'
 USER NAME = coombesf



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	23
STA. 526+12.50		TO STA. 526+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

FINAL SURVEY	SURVEYED	PLOTTED	DATE

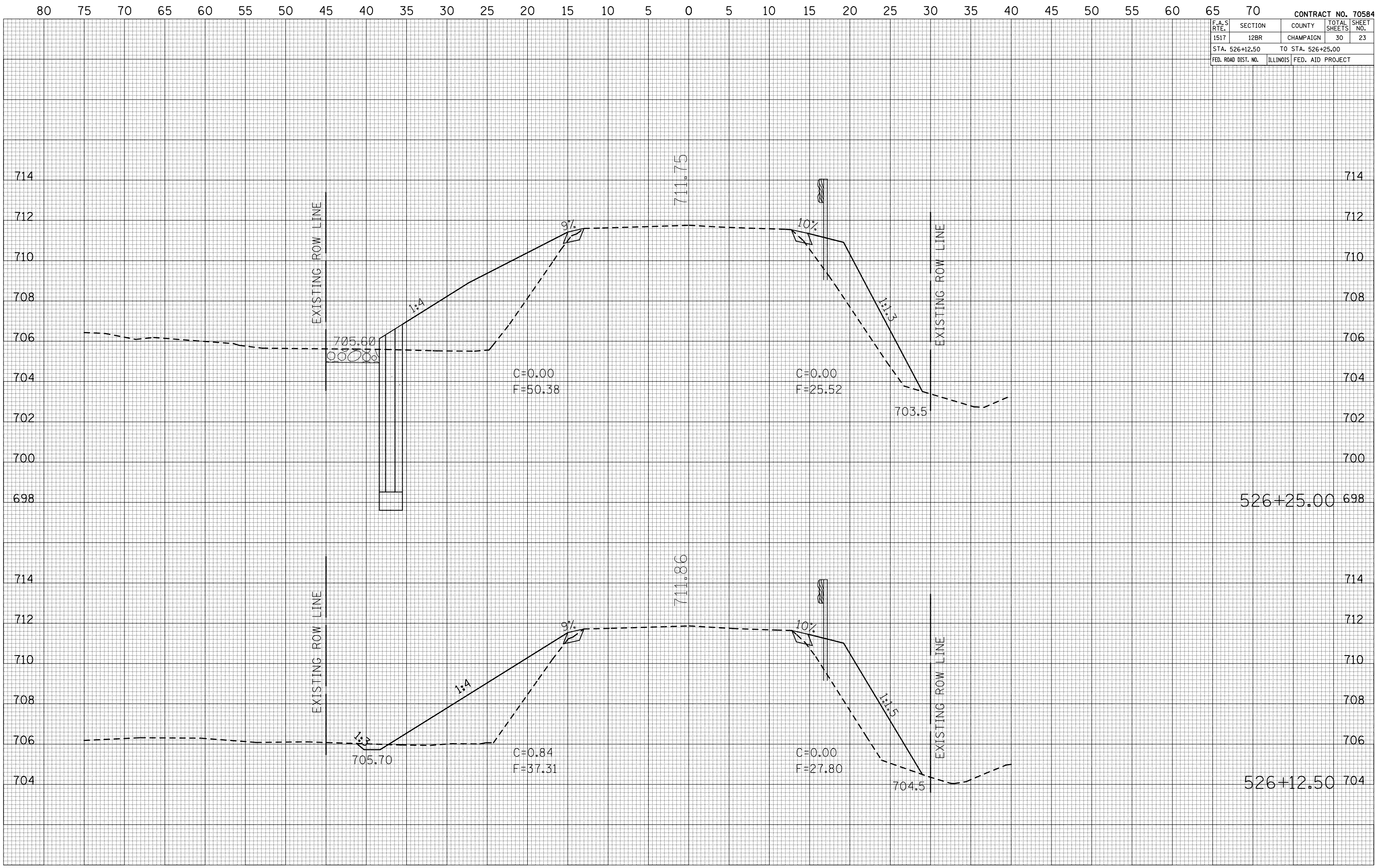
NO.	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE

NO.	AREAS CHECKED

PLOT DATE = 12/3/2009
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = coombesf

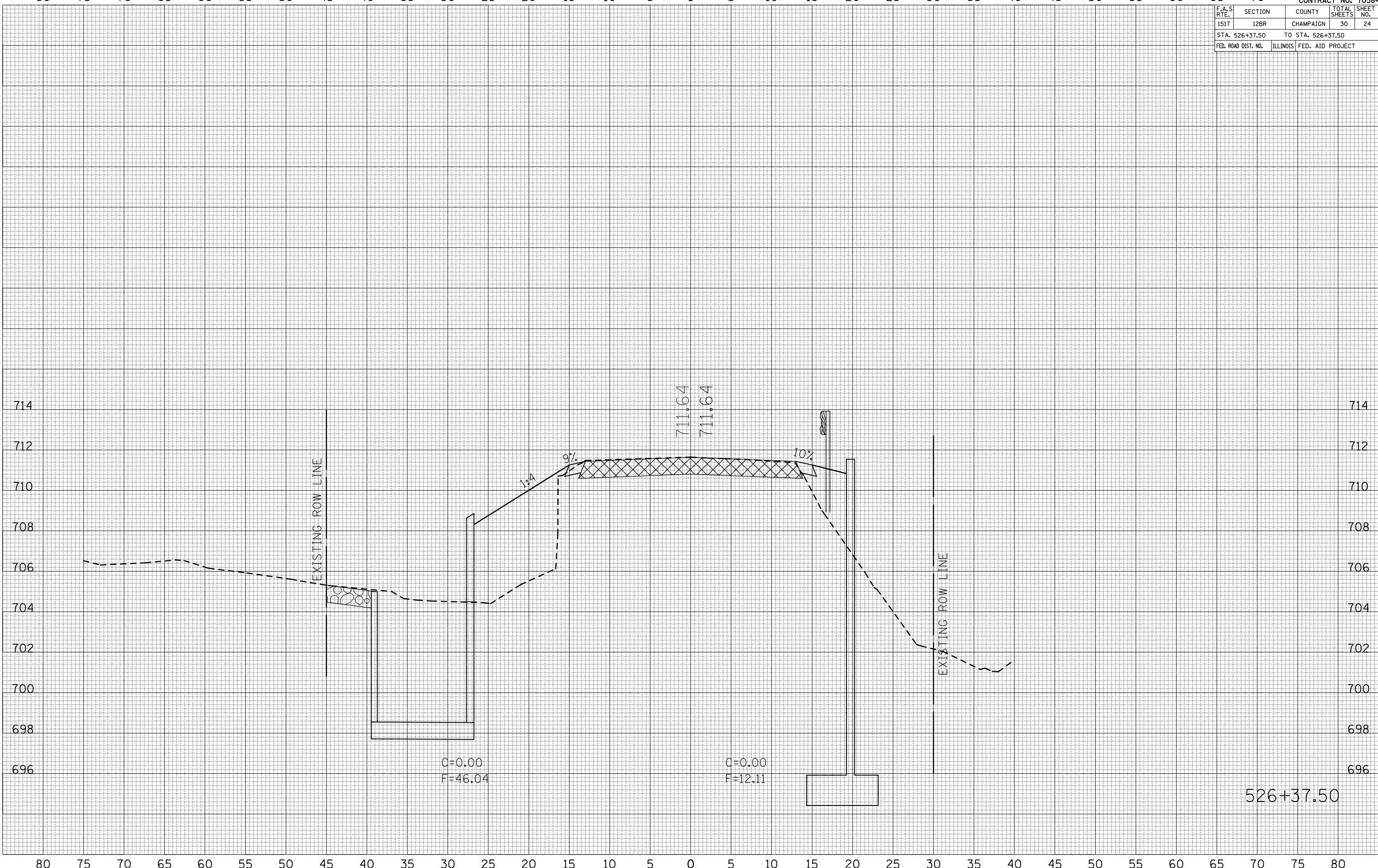


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	24
STA. 526+37.50		TO STA. 526+37.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

BY	DATE
ORIGINAL SURVEY	SURVEYED
NO.	PLOTTED
	AREAS CHECKED

PLOT DATE = 12/3/2008
 FILE NAME = I:\PROJECTS\120808\120808\120808.DWG
 PLOT SCALE = 1/8" = 1' / IN.
 USER NAME = coombesf

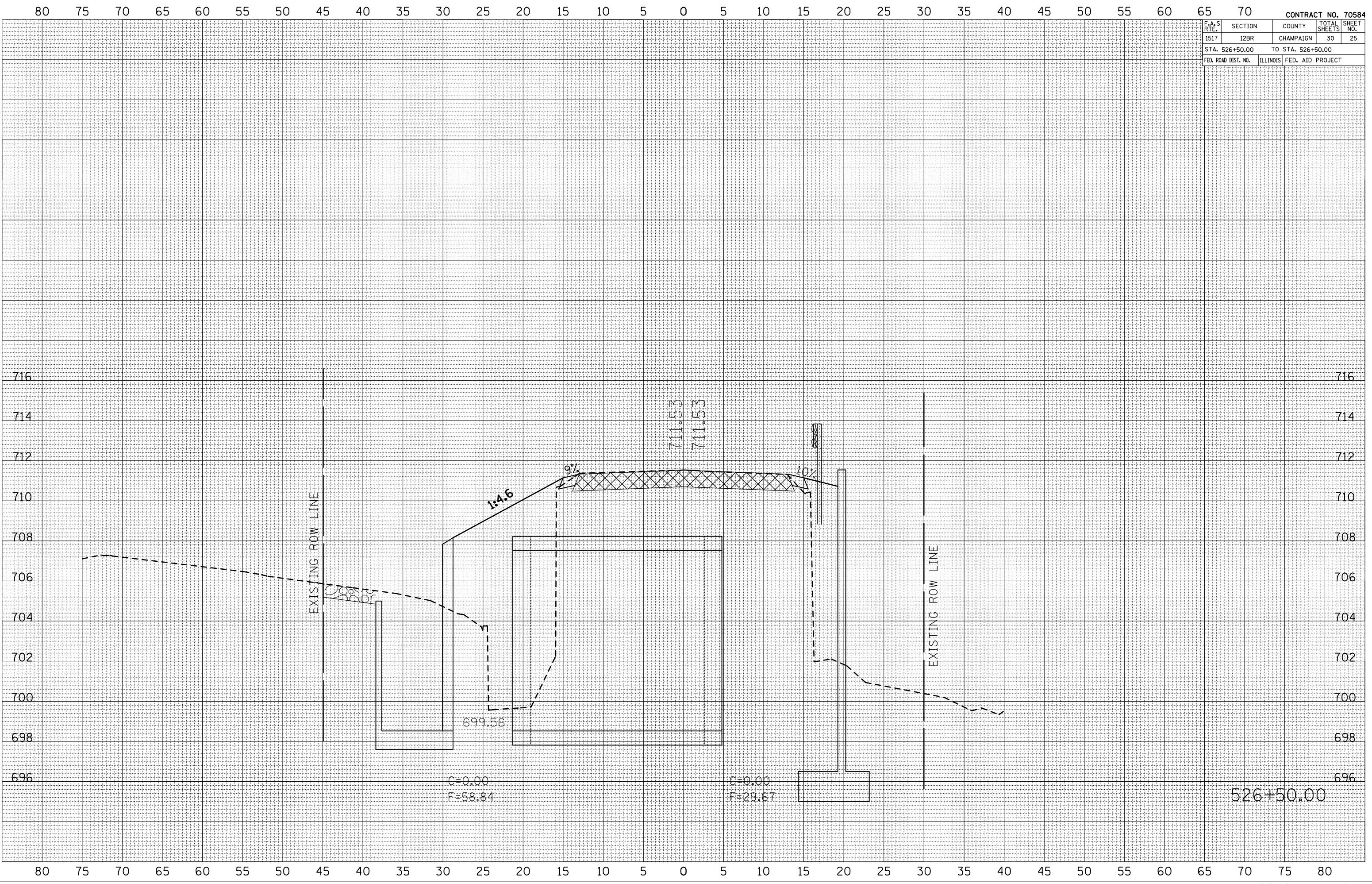


F.A.S. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517		12BR	CHAMPAIGN	30	25
STA. 526+50.00			TO STA. 526+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

DATE	BY
SURVEYED	NO.
PLOTTED	NO.
DATE	
AREAS CHECKED	

DATE	BY
SURVEYED	NO.
PLOTTED	NO.
DATE	
AREAS CHECKED	

PLOT DATE = 12/3/2009
 FILE NAME = c:\coombest\p11010\CDMBESS\p11010.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = coombestf



CROSS SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	26
STA. 526+62.50		TO STA. 526+62.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

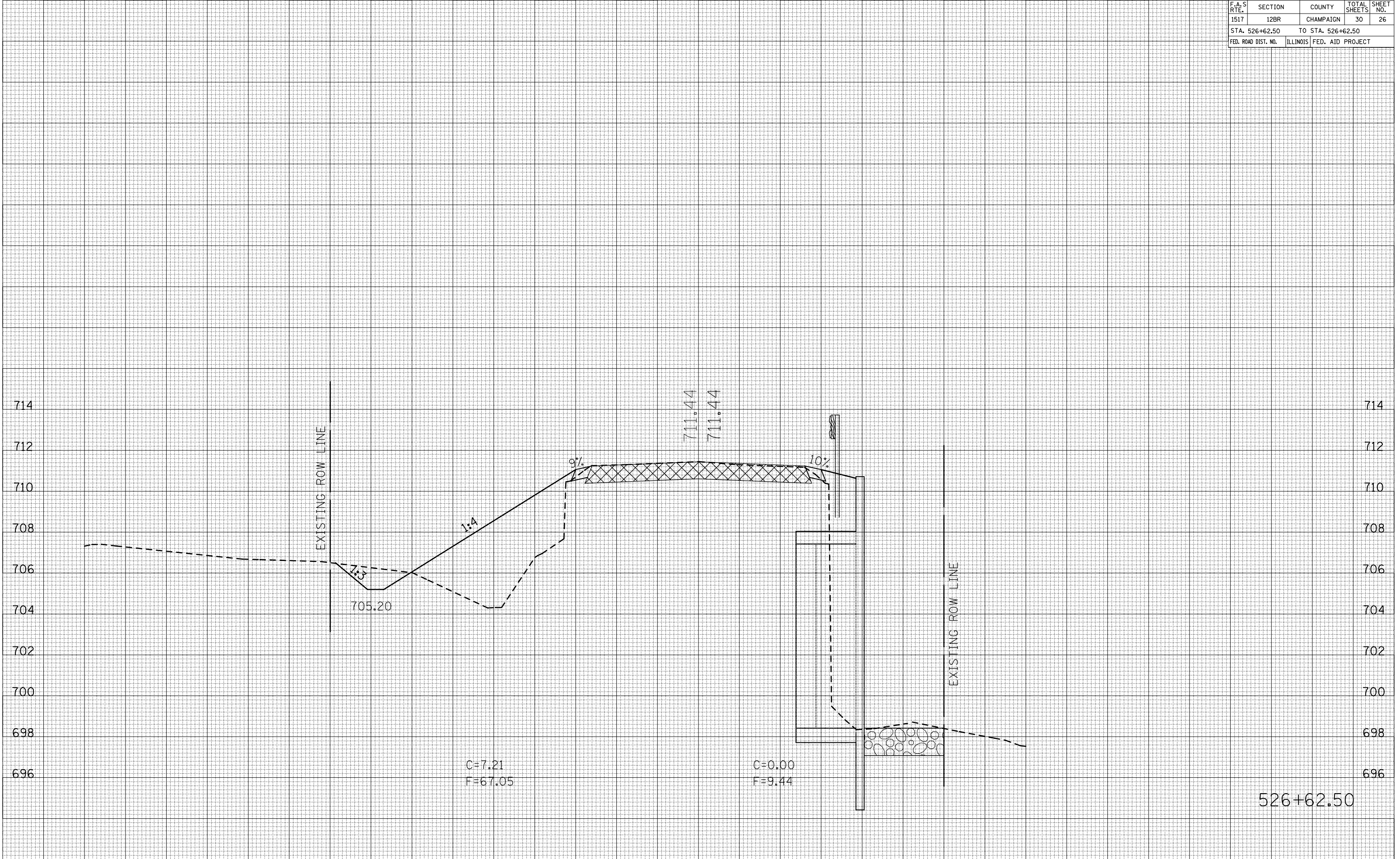
DATE	BY

NO.	AREAS CHECKED	PLATE	PLOTTED	SURVEYED	FINAL SURVEY

DATE	BY

NO.	AREAS CHECKED	PLATE	PLOTTED	SURVEYED	ORIGINAL SURVEY

PLOT DATE = 12/3/2005
FILE NAME = 1015098
PLOT SCALE = 1/4" = 10.00'
USER NAME = coombesf



526+62.50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	27
STA. 526+75.00		TO STA. 526+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

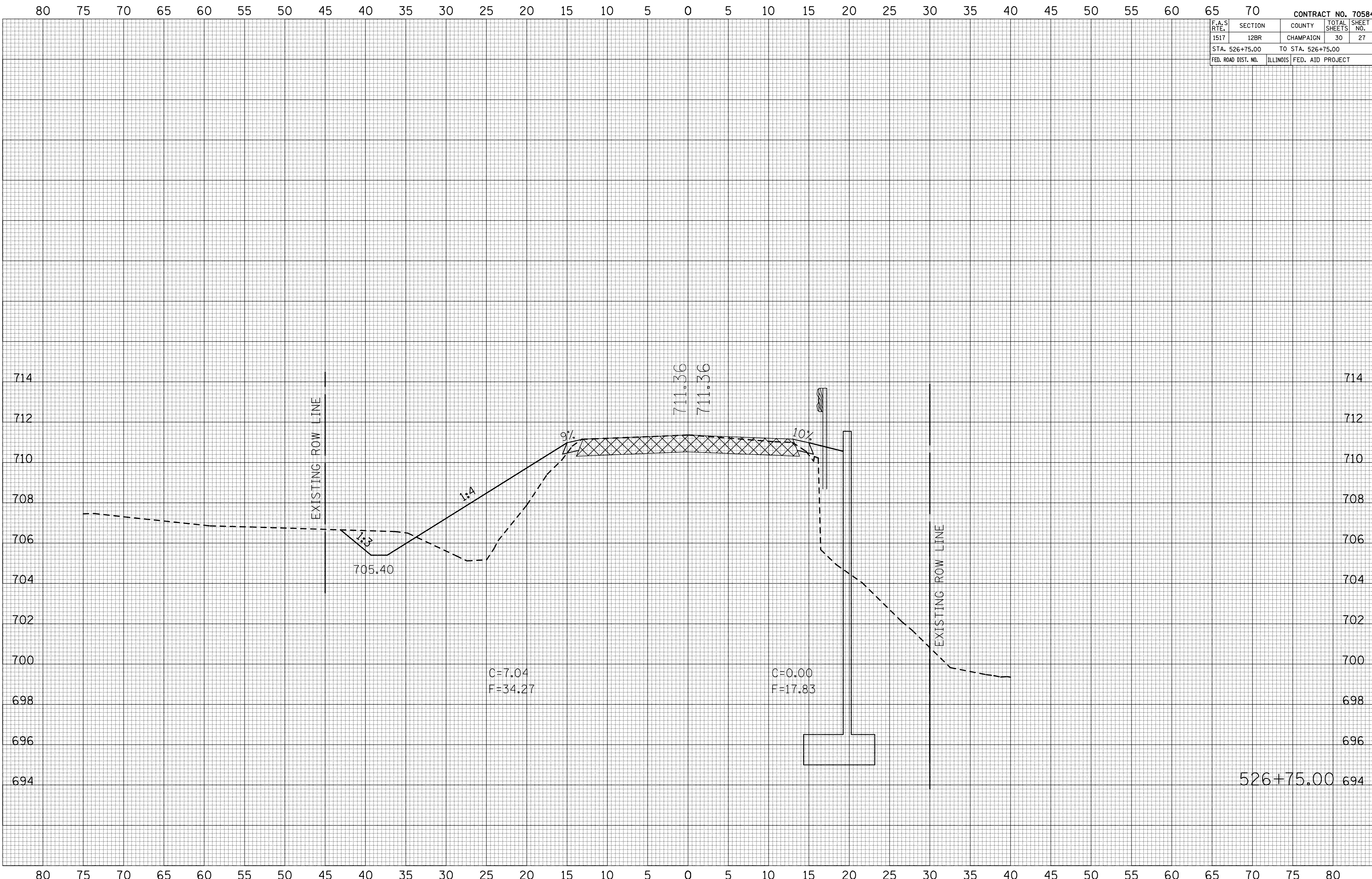
BY	DATE

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

PLOT DATE = 12/3/2009
 FILE NAME = \\P101001\CORP\ESSF\c\1232222\1232222.dgn
 PLOT SCALE = 10.5000 / IN.
 USER NAME = coombasf

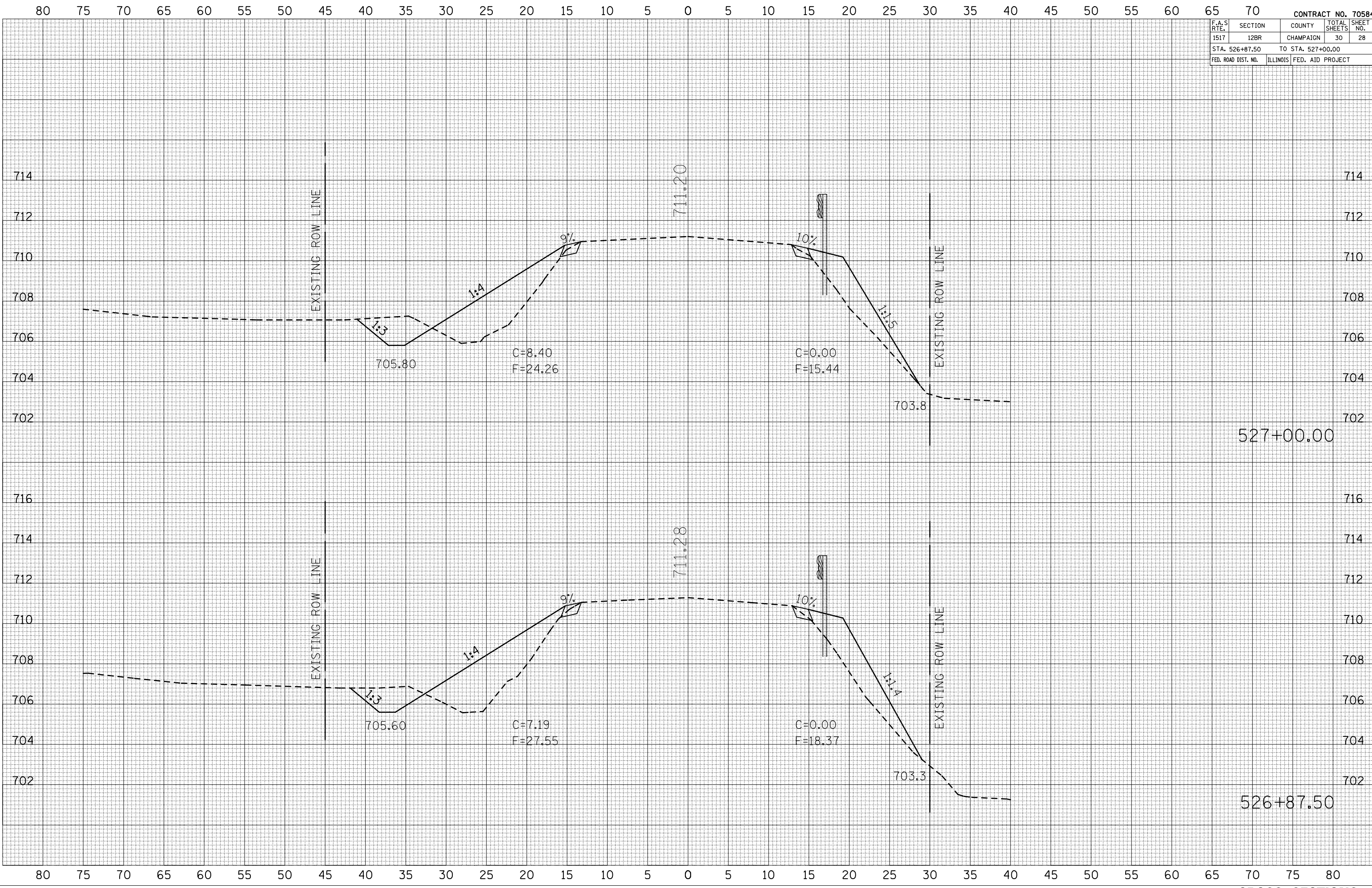


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	28
STA. 526+87.50		TO STA. 527+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

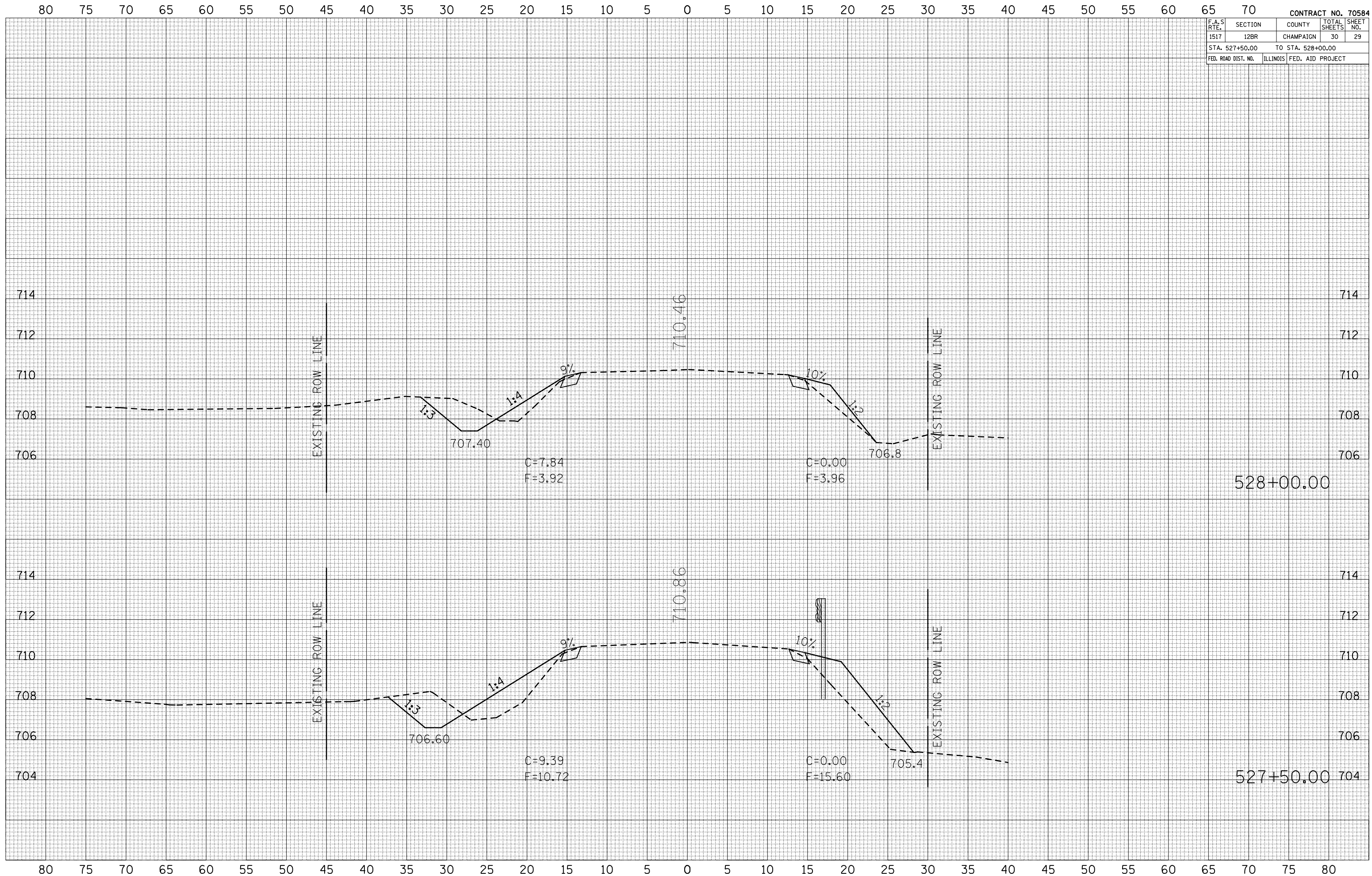
BY _____	DATE _____
SURVEYED _____	PLOTTED _____
NOTE BOOK _____	AREAS CHECKED _____
NO. _____	

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

PLOT DATE = 12/3/2008
 FILE NAME = \\P1001\COMBESS\m\123208\123208.dgn
 PLOT SCALE = 10.5598" / IN.
 USER NAME = coombessf



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	29
STA. 527+50.00		TO STA. 528+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CROSS SECTIONS

BY	DATE

FINAL SURVEY	SURVEYED	DATE

NO. 1	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	DATE

NO. 2	AREAS CHECKED

PLOT DATE = 12/3/2009
FILE NAME = I:\ASAP\PROJECTS\12BR\1517\12BR\12BR.PLT
PLOT SCALE = 10.0000" = 1" / IN.
USER NAME = coombasf

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	12BR	CHAMPAIGN	30	30
STA. 528+50.00		TO STA. 529+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	AREAS	CHECKED

ORIGINAL SURVEY	SURVEYED	DATE
NO.	AREAS	CHECKED

PLOT DATE = 12/3/2009
 FILE NAME = C:\PILOT\COMPRESS\12BR\12BR.DGN
 PLOT SCALE = 10.5000' / 1"
 USER NAME = coombesf

