

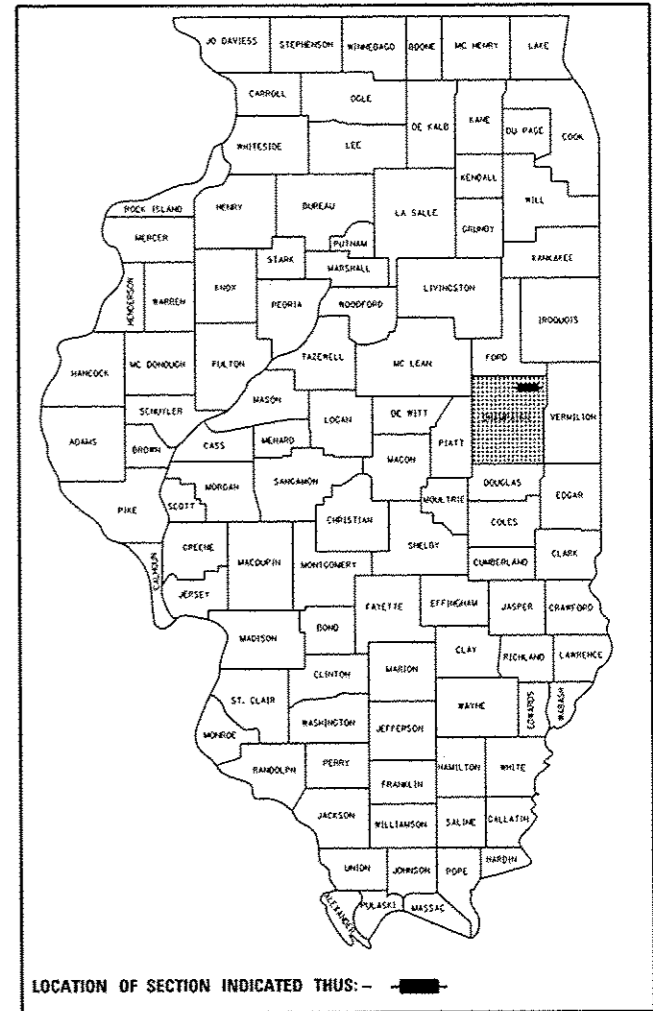
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

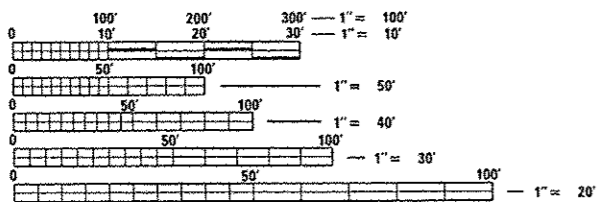
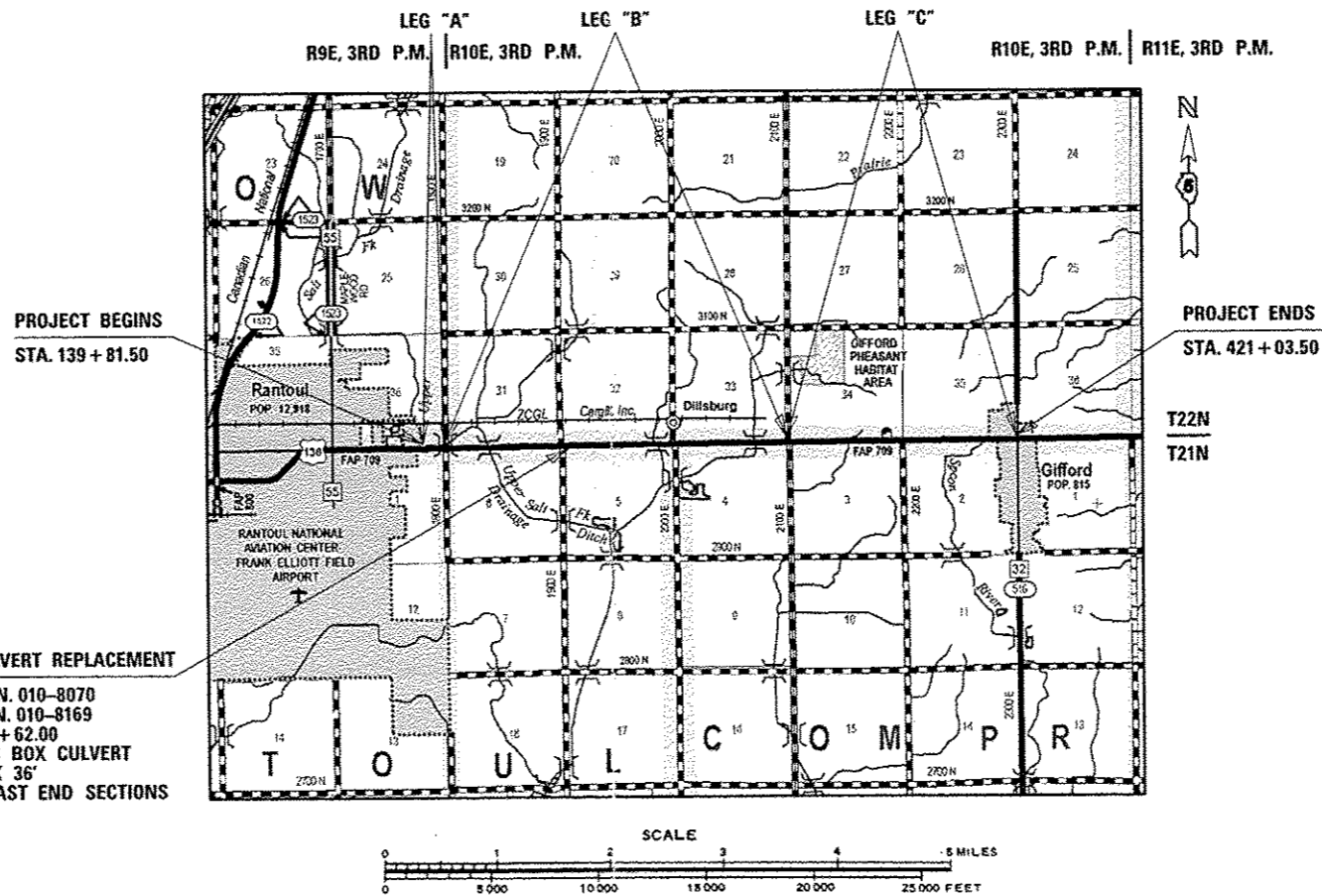
**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 709 (US 136)
SECTION 113 I-1,CR
PROJECT ACHSIP-ACF-0709 (029)
MILLED RUMBLE STRIP
CHAMPAIGN COUNTY
C-95-032-12
EAST OF RANTOUL TO GIFFORD

D 95-032-12



TRAFFIC DATA			
	LEG "A"	LEG "B"	LEG "C"
	US 136 West of TR 234A (CR1800E)	US 136 West from TR 234A (CR1800E) to TR 272 (CR2100E)	US 136 West from TR 272(CR2100E) to S 516(CR2300E) in Gifford
2012 ADT =	6,800	4,150	2,950
PU & PC% =	94.8	94.2	94.5
SU% =	3.9	3.2	2.9
MU% =	1.3	2.6	2.6
FC =	MIN. ART.	MIN. ART.	MIN. ART.



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
LUDLOW, RANTOUL, HARWOOD, COMPROMISE TWP.

BOX CULVERT REPLACEMENT
EXIST. S.N. 010-8070
PROP. S.N. 010-8169
STA. 212 + 62.00
PROP. PC BOX CULVERT
12' X 3' X 36"
W/ PRECAST END SECTIONS

PROJECT ENGINEER: JASON STULTS
PROJECT MANAGER: RUSTIN KEYS
DESIGNER: JOSEPH GRAZIANO
PHONE: (217)465-4181
CONTRACT NO. 70985

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 17, 2014
John A. Mantos
DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

Jan 30, 2015
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 30, 2015
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1(SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-13	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-08	TRAFFIC BARRIER TERMINAL, TYPE 6A
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642006	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701206-03	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-04	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
780001-05	TYPICAL PAVEMENT MARKINGS

FILE NAME =	USER NAME = userlock_jd	DESIGNED - JAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000 1/1 in.	CHECKED -	REVISED -	CONTRACT NO. 70985							
PLOT DATE = 10/17/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
						SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	

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.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

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

G.N.-107.37
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.-280
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

G.N.-408H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location:	US 136	US 136	US 136
Mixture Use:	HMA Shoulder (bottom 6.5" lift) & Class D Patch	HMA Shoulder (top 1.5" lift)	Incidental HMA
AC/PG:	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ Ndes=50	4.0% @ Ndes=30	4.0% @ Ndes=50
Mix Comp(Gradation):	IL 19.0 F.G.	IL 9.5L	IL 9.5
Friction Aggregate:	N.A.	Mix C	Mix C
Mixture Weight:	112	112	112
Quality Management Program	QC/QA	QC/QA	QC/QA
Sublot Size:	N.A.	N.A.	N.A.

G.N.-482

ALL LOW ESAL MIXTURES PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L USING STANDARD CORRELATION PROCEDURES WHEN MORE THAN 3,000 TONS ARE TO BE PLACED.

G.N.-540

THE CONTRACTOR SHALL ASSEMBLE AND MATCH-MARK THE PRECAST BOX CULVERT SECTIONS AND END SECTIONS PRIOR TO SHIPMENT OF THESE COMPONENTS FROM THE MANUFACTURER, AND AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER FIT ON EACH JOINT. ANY SECTIONS OR END SECTIONS WHICH DO NOT PROVIDE A PROPER FIT AT THE JOINT SHALL BE REJECTED BY THE ENGINEER AND REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION BEING ALLOWED.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.

G.N.-542

BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-542D

THIS WORK SHALL CONSIST OF REPLACING THE EXISTING ENTRANCE CULVERTS AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. PRIOR TO REPLACING THE CULVERT THE DITCH SHALL BE CLEANED FOR 25 FEET EACH WAY FROM THE ENDS OF THE CULVERT AS DIRECTED BY THE ENGINEER.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE CULVERTS OF THE TYPE AND SIZE SPECIFIED AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THE WORK AS HEREIN SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-631

IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

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.-Z0036

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

THERE ARE NO COMMITMENTS ASSOCIATED WITH THIS PROJECT.

FILE NAME =	USER NAME = ceerlock_d	DESIGNED - JAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 48,0000 1/16"	CHECKED -	REVISED -	CONTRACT NO. 70985							
PLOT DATE = 10/17/2014	DATE -	REVISED -	SCALE:			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAP 709 (US 136) CHAMPAIGN COUNTY STA. 139+81.50 TO STA. 153+82.71	FAP 709 (US 136) CHAMPAIGN COUNTY STA. 153+82.71 TO STA. 421+03.50	FAP 709 (US 136) CHAMPAIGN COUNTY STA. 212+46.00 TO STA. 212+78.00 S.N. 010-8169
FUNDING BREAKOUT:	90% FEDERAL 10% STATE URBAN 2 LANE 0021	90% FEDERAL 10% STATE RURAL 2 LANE 0021	80% FEDERAL 20% STATE RURAL 2 LANE 0040
CONSTRUCTION TYPE CODE:			

CODE NO	ITEM	UNIT	TOTAL QUANTITY	MS301 QUANTITY	MS30C QUANTITY	M232C QUANTITY
20200100	EARTH EXCAVATION	CU YD	4,695.0	95.0	4,600.0	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	89.0			89.0
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	175.0			175.0
25000210	SEEDING, CLASS 2A	ACRE	2.0	0.5	1.5	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180.0	45.0	135.0	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180.0	45.0	135.0	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180.0	45.0	135.0	
25100115	MULCH, METHOD 2	ACRE	1.5	0.5	1.0	
25100630	EROSION CONTROL BLANKET	SQ YD	2,210.0		2,210.0	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200.0	50.0	150.0	
28000305	TEMPORARY DITCH CHECKS	FOOT	230.0	40.0	190.0	
28100101	STONE RIPRAP, CLASS A1	SQ YD	64.0			64.0
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	651.0		651.0	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	48.0		48.0	

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

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CONSTRUCTION TYPE CODE:			

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4,672.0	258.0	4,390.0	24.0
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,133.0	21.0	1,112.0	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	237.0	4.0	233.0	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,696.0	96.0	1,600.0	
44004250	PAVED SHOULDER REMOVAL	SQ YD	6,837.0	167.0	6,670.0	
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	107.0			107.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	20.0	20.0		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	15,715.0	514.0	15,169.0	32.0
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	17,877.0	118.0	17,559.0	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	251.0	53.0	198.0	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0			1.0
50104000	BRIDGE RAIL REMOVAL	FOOT	68.0		68.0	
50104400	CONCRETE HEADWALL REMOVAL	EACH	36.0	2.0	34.0	
50105220	PIPE CULVERT REMOVAL	FOOT	539.0	26.0	513.0	

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

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CONSTRUCTION TYPE CODE:			

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
51500100	NAME PLATES	EACH	1.0			1.0
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2.0			2.0
54011203	PRECAST CONCRETE BOX CULVERTS 12' X 3'	FOOT	36.0			36.0
54213447	END SECTIONS 12"	EACH	28.0	2.0	26.0	
54213450	END SECTIONS 15"	EACH	2.0		2.0	
54213459	END SECTIONS 24"	EACH	6.0		6.0	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6.0		6.0	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2.0		2.0	
54248510	CONCRETE COLLAR	CUYD	0.2		0.2	
54260311	TRAVERSABLE PIPE GRATE	FOOT	94.0			94.0
542A0217	PIPE CULVERTS, CLASS A, TYPE 112"	FOOT	73.0		73.0	
542A0220	PIPE CULVERTS, CLASS A, TYPE 115"	FOOT	71.0		71.0	
542D0217	PIPE CULVERTS, CLASS D, TYPE 112"	FOOT	682.0	400.0	282.0	
542D0220	PIPE CULVERTS, CLASS D, TYPE 115"	FOOT	29.0		29.0	

* SPECIALTY ITEM

FILE NAME =	USER NAME = ceerlock_jf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
as:\pe_work\avidat\ceerlock_jf\03090803\070985-ah-300.dgn	PLOT SCALE = 40,0000 1/ in.	DRAWN -	REVISED -					709	113 1-1,CR	CHAMPAIGN	252	6
#MODELNAME#	PLOT DATE = 10/17/2014	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 70985	
		DATE -	REVISED -									

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAP 709 (US 136) CHAMPAIGN COUNTY STA. 139+81.50 TO STA. 153+82.71	FAP 709 (US 136) CHAMPAIGN COUNTY STA. 153+82.71 TO STA. 421+03.50	FAP 709 (US 136) CHAMPAIGN COUNTY STA. 212+46.00 TO STA. 212+78.00 S.N. 010-8169
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CONSTRUCTION TYPE CODE:			

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
542D0229	PIPE CULVERTS, CLASS D, TYPE 124"	FOOT	86.0		86.0	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1.0	1.0		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	212.5		212.5	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3.0		3.0	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8.0		8.0	
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4.0		4.0	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	4.0		4.0	
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) FLARED	EACH	5.0		5.0	
63200310	GUARDRAIL REMOVAL	FOOT	1,594.0		1,594.0	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	49,202.0	2,562.0	46,640.0	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	201.0		201.0	
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1.0		1.0	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1.0		1.0	
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4.0	0.2	3.8	

* SPECIALTY ITEM

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CONSTRUCTION TYPE CODE:			

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
67100100	MOBILIZATION	L SUM	1.0	0.1	0.9	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	0.1	0.9	
70100455	TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	L SUM	1.0		1.0	
70100480	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.1	0.9	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1.0		1.0	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	55,090.0	2,714.0	52,376.0	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	18,364.0	905.0	17,459.0	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	68,028.0	3,211.0	64,817.0	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	20.0		20.0	
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	4.0		4.0	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	9.0		9.0	
X0327692	GRATING FOR CONCRETE HEADWALL NO 2	EACH	2.0		2.0	
X5091405	STEEL RAILING, TYPE T1 (SPECIAL)	FOOT	68.0		68.0	
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	12.5		12.5	

* SPECIALTY ITEM

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pe_work\pvidat\ceerlockjd\0208031078985-ant-300.dgn		DRAWN -	REVISED -			709	113 J-1,GR	CHAMPAIGN	252	8
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	PLOT DATE = 10/17/2014	DATE -	REVISED -							
										ILLINOIS FED. AID PROJECT CONTRACT NO. 70985

SUMMARY OF QUANTITIES

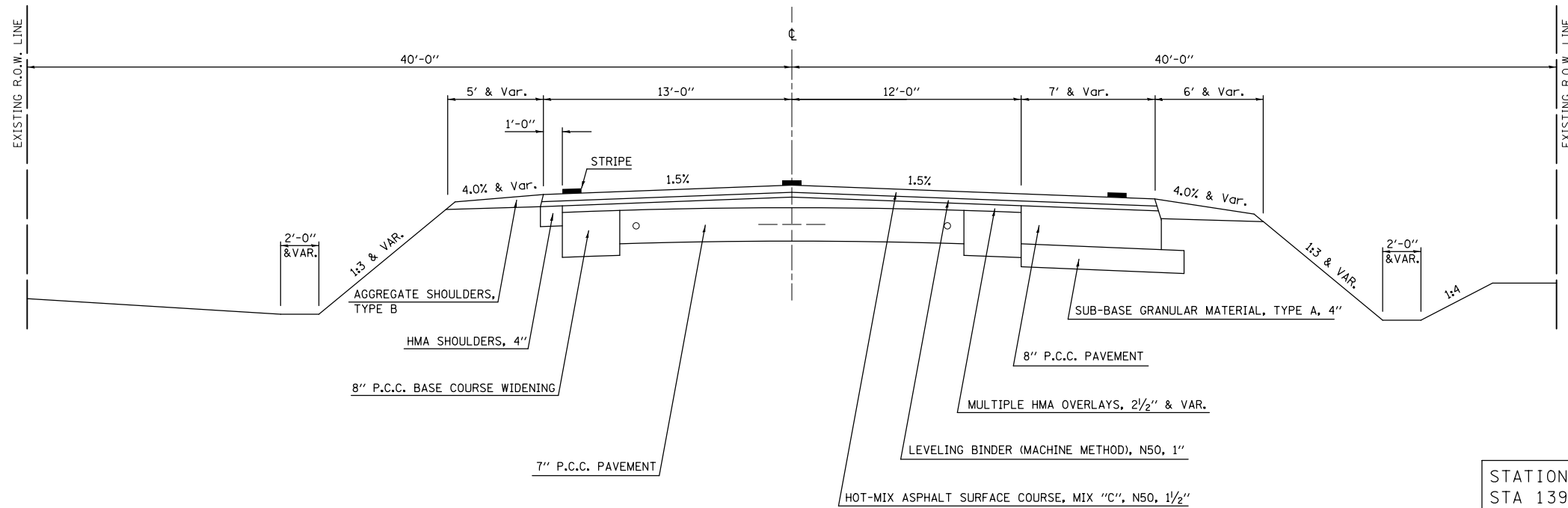
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CONSTRUCTION TYPE CODE:			

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	10.0		10.0	
Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SQ YD	4,910.0	622.0	4,288.0	
Z0038700	PERMANENT BENCHMARKS	EACH	1.0			1.0

* SPECIALTY ITEM

1 EXISTING TYPICAL SECTION

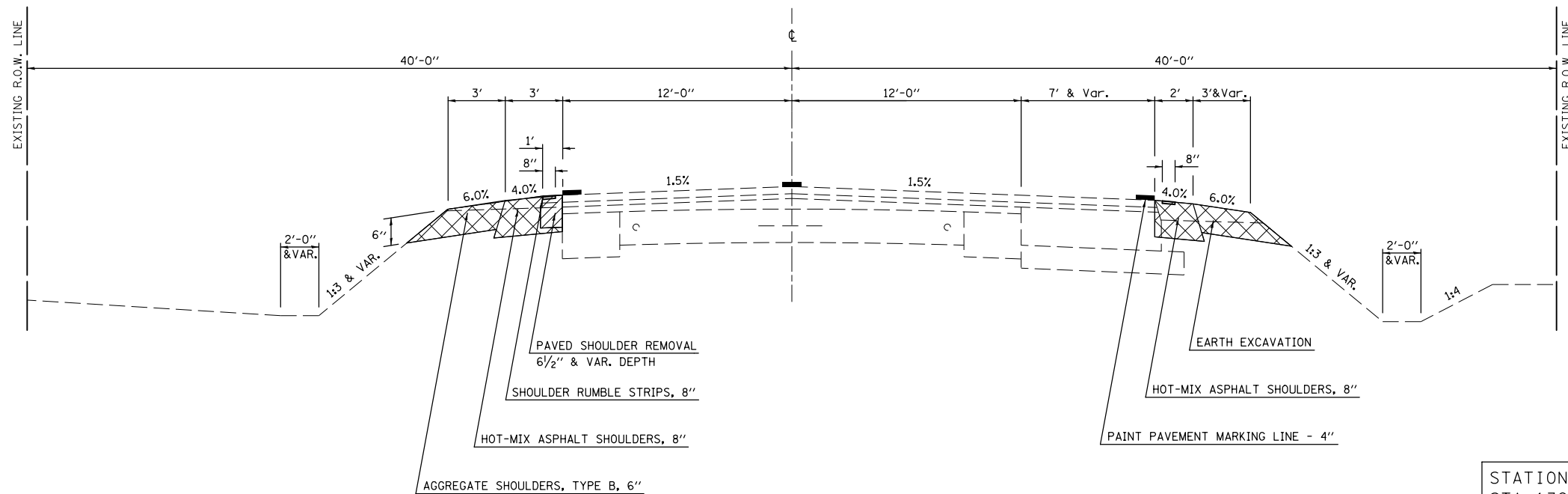
STATION 139+81.50 TO STATION 141+00.00 ②



STATION EQUATION:
STA 139+97.40 BK = STA 140+00.00 AH

1 PROPOSED TYPICAL SECTION

STATION 139+81.50 TO STATION 141+00.00 ②



STATION EQUATION:
STA 139+97.40 BK = STA 140+00.00 AH

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - JAG	REVISED -
ei:\pwork\pwork\ceerlockjd\0309603\0570985-sht-typicals.dgn		DRAWN - JAG	REVISED -
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	PLOT DATE = 10/17/2014	DATE -	REVISED -

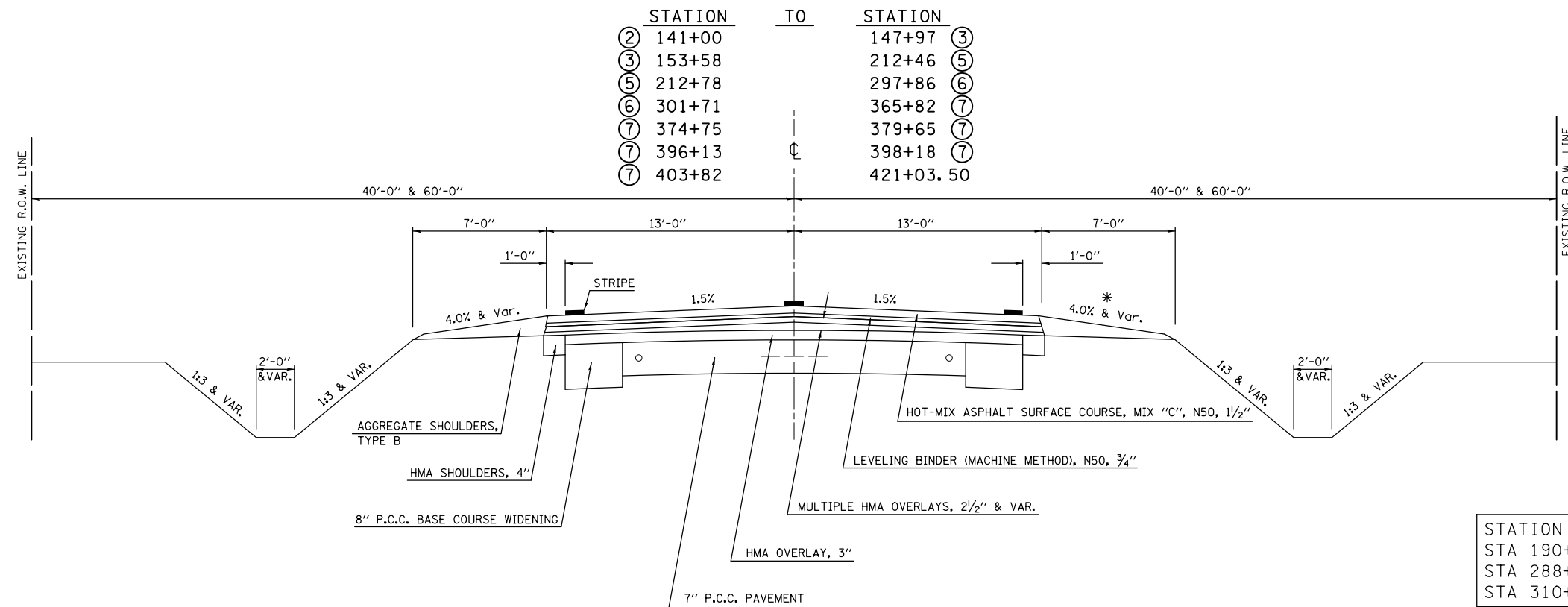
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	10
CONTRACT NO. 70985				
ILLINOIS FED. AID PROJECT				

② EXISTING TYPICAL SECTION

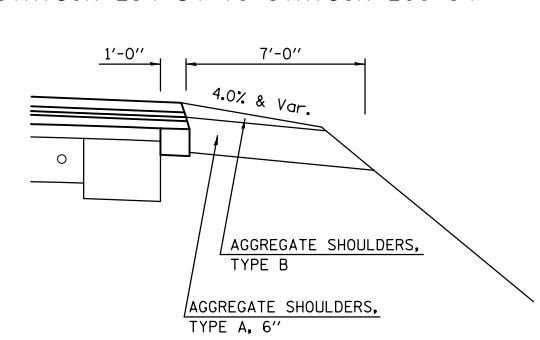


* SEE BELOW FOR RT SHOULDER
DETAIL AT VARIOUS LOCATIONS

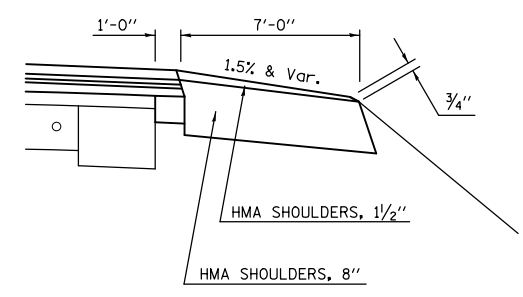
STATION EQUATIONS:
 STA 190+00.00 BK = STA 189+95.90 AH
 STA 288+00.00 BK = STA 288+11.51 AH
 STA 310+11.20 BK = STA 310+00.00 AH

* EXISTING RT SHOULDER DETAIL

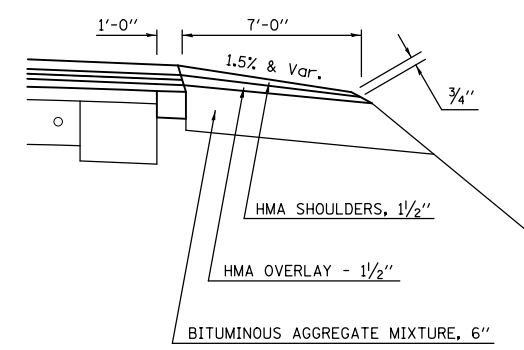
STATION 218+70 TO STATION 223+95
STATION 254+14 TO STATION 286+54



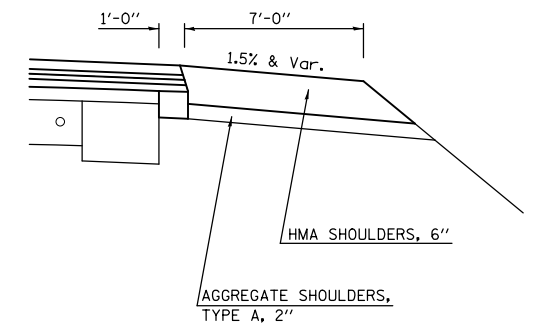
STATION 223+95 TO STATION 242+00



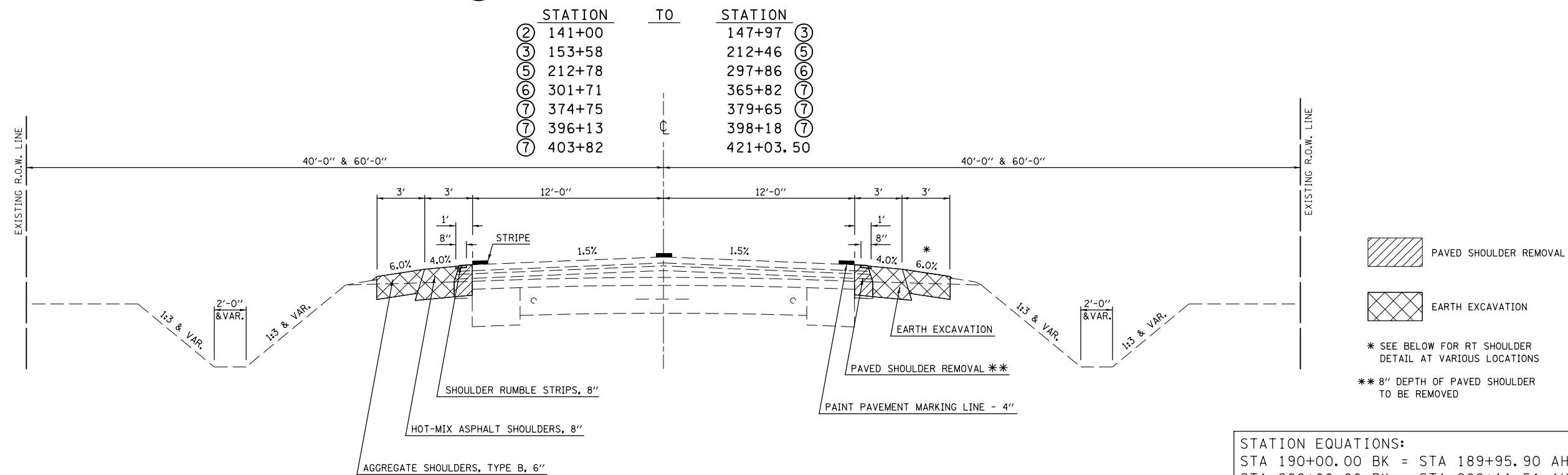
STATION 242+00 TO STATION 254+14



STATION 286+54 TO STATION 293+52



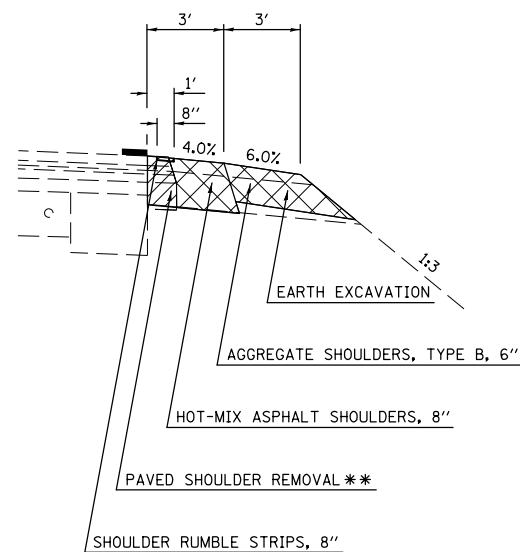
② PROPOSED TYPICAL SECTION



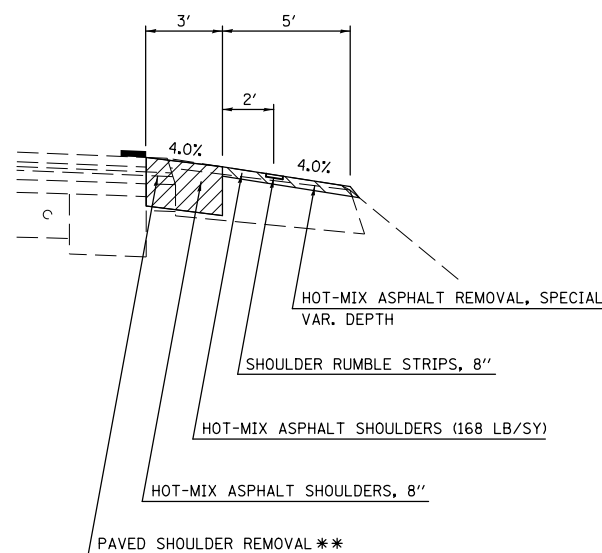
STATION EQUATIONS:
 STA 190+00.00 BK = STA 189+95.90 AH
 STA 288+00.00 BK = STA 288+11.51 AH
 STA 310+11.20 BK = STA 310+00.00 AH

* PROPOSED RT SHOULDER DETAIL

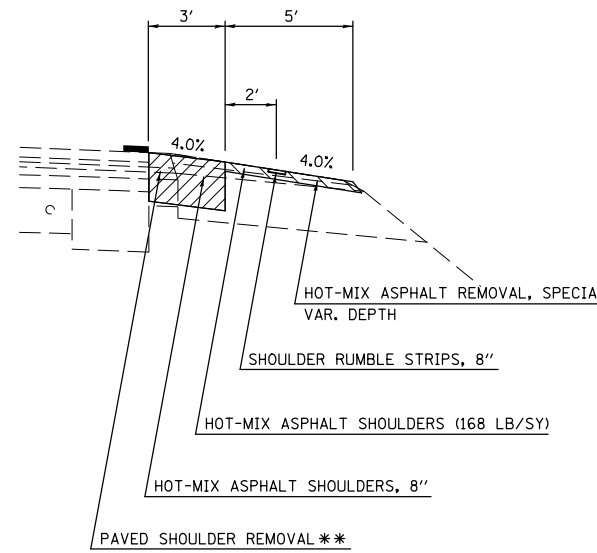
STATION 218+70 TO STATION 223+95
 STATION 254+14 TO STATION 286+54



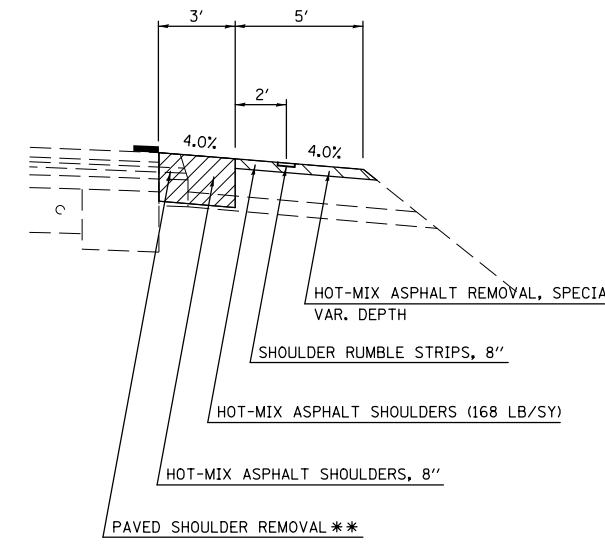
STATION 223+95 TO STATION 242+00



STATION 242+00 TO STATION 254+14

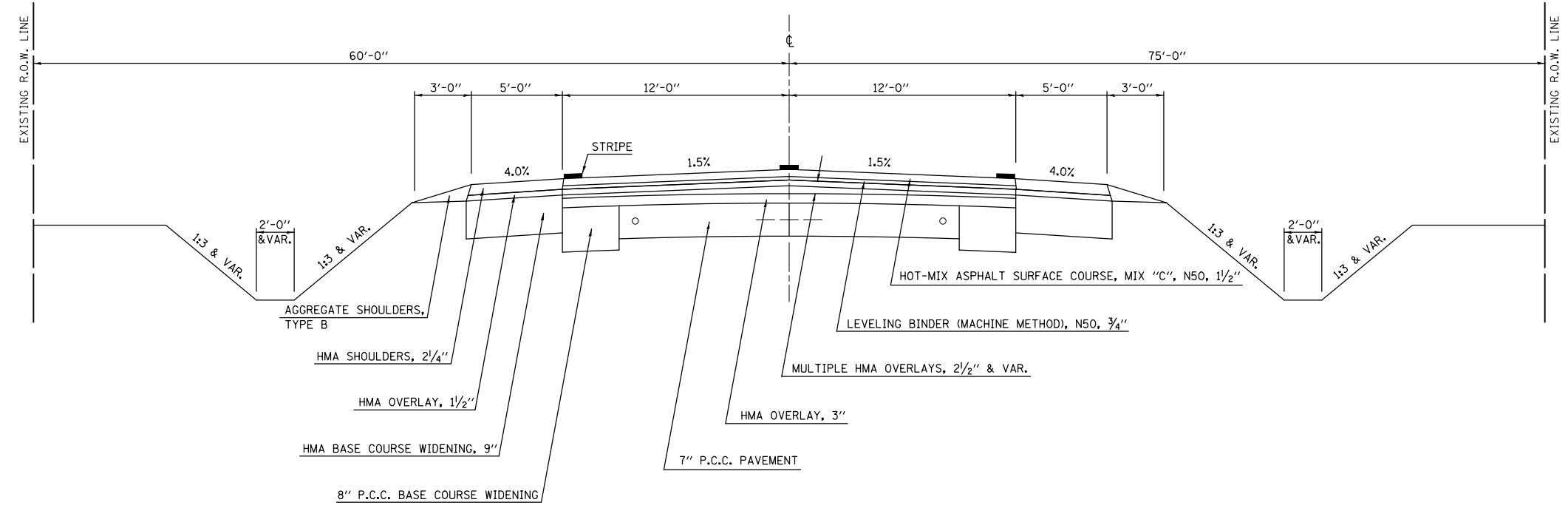


STATION 286+54 TO STATION 293+52



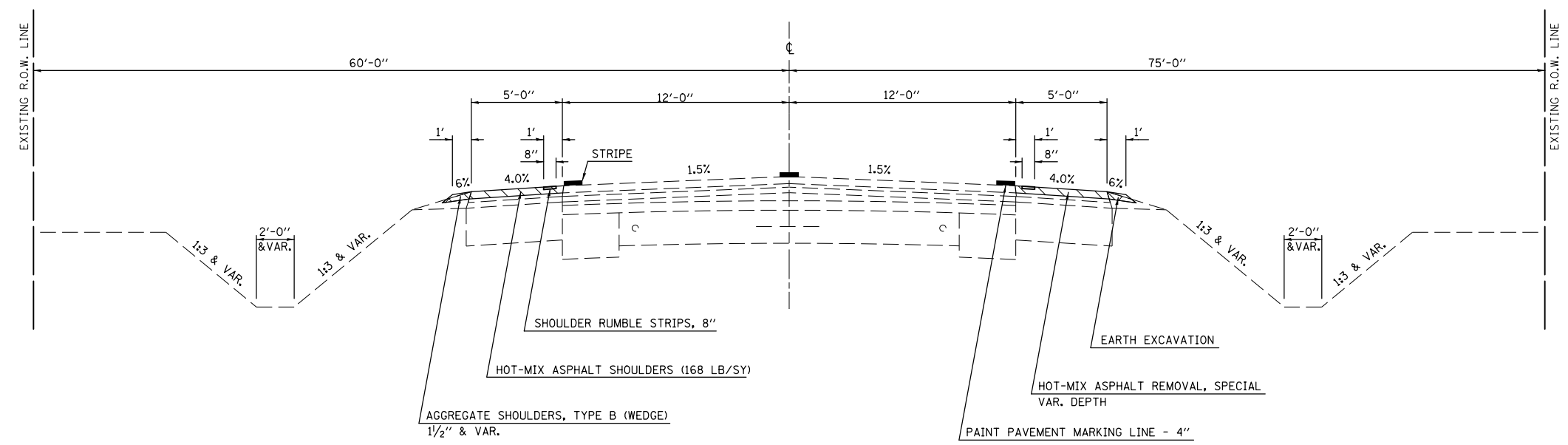
3 EXISTING TYPICAL SECTION

STATION	TO	STATION
② 147+97		④ 150+25.8
④ 151+15.5		② 153+58



3 PROPOSED TYPICAL SECTION

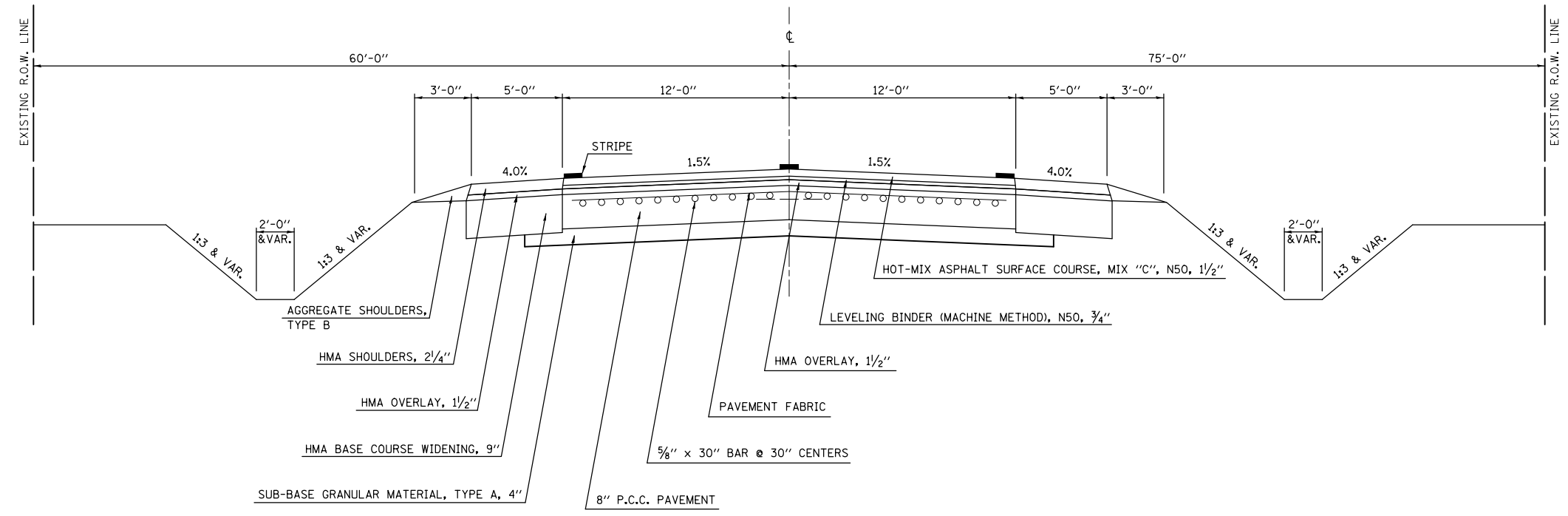
STATION	TO	STATION
② 147+97		④ 150+25.8
④ 151+15.5		② 153+58



EARTH EXCAVATION

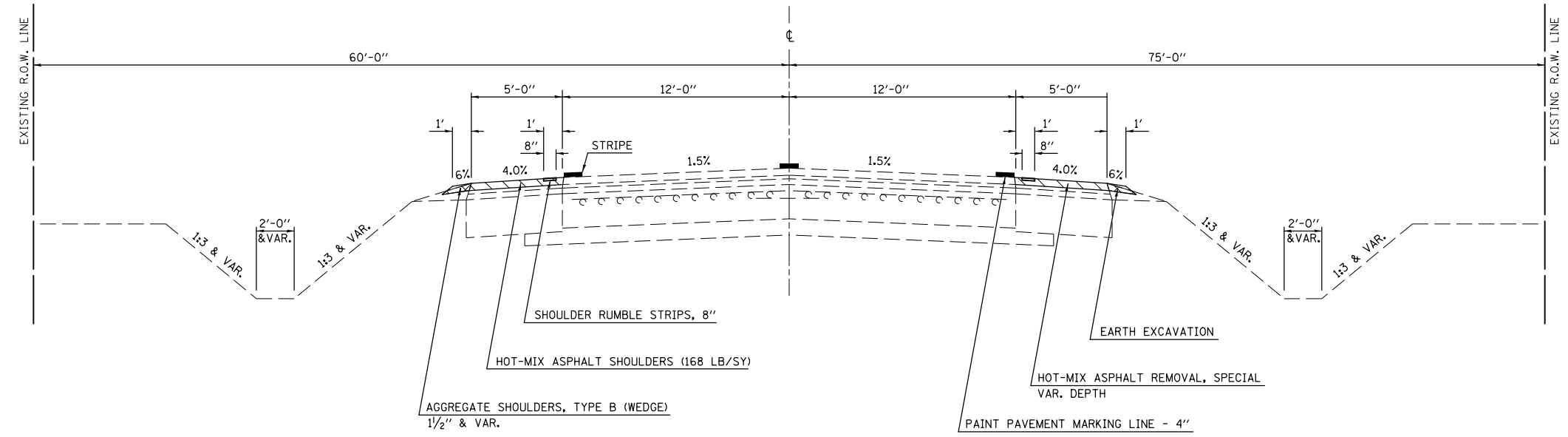
4 EXISTING TYPICAL SECTION

STATION 150+25.8 TO STATION 151+15.5



4 PROPOSED TYPICAL SECTION

STATION 150+25.8 TO STATION 151+15.5

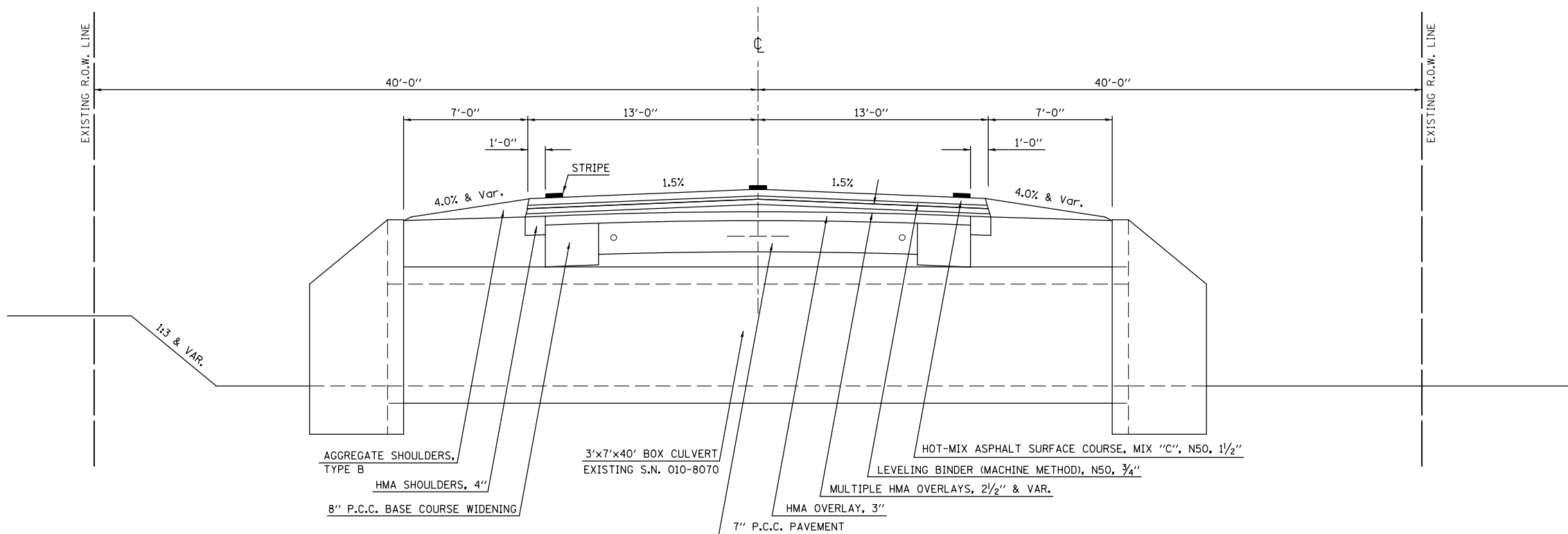


EARTH EXCAVATION

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - JAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE. 709	SECTION 113 I-1, CR	COUNTY CHAMPAIGN	TOTAL SHEETS 252	SHEET NO. 14
Default	Plot SCALE = 40.0000' / in.	DRAWN - JAG	REVISED -		SCALE:	SHEET 5	OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 70985		
	PLOT DATE = 10/17/2014	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

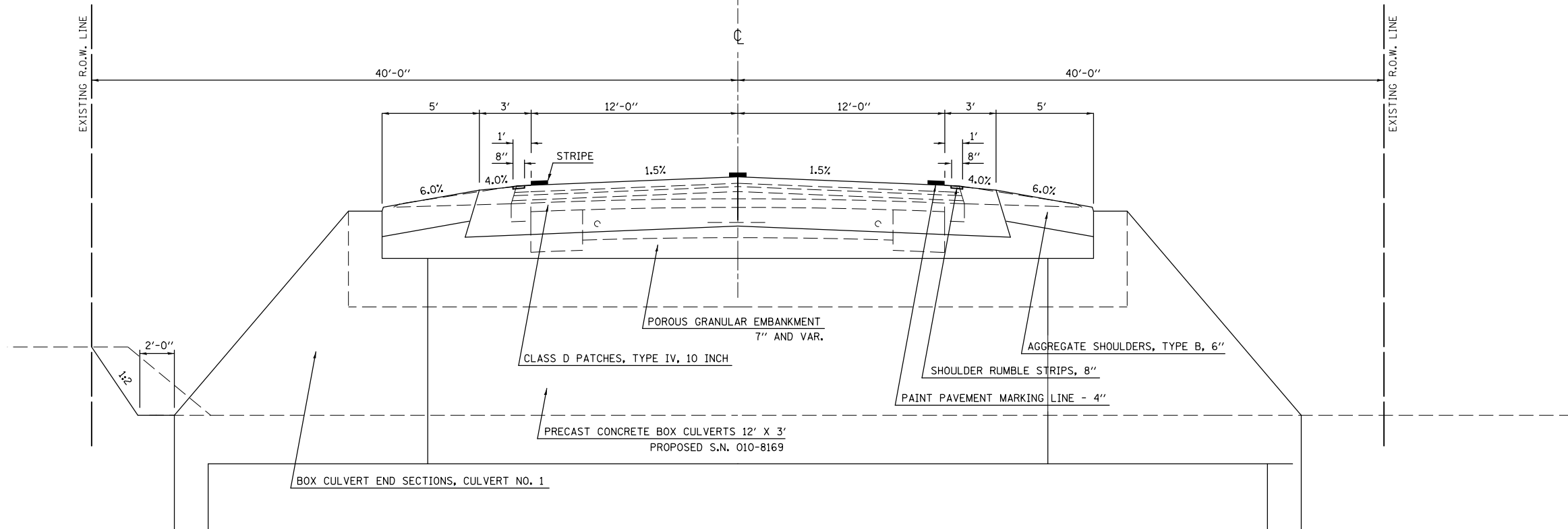
5 EXISTING TYPICAL SECTION

STATION TO STATION
 ② 212+46 TO 212+78 ②



5 PROPOSED TYPICAL SECTION

STATION TO STATION
 ② 212+46 TO 212+78 ②



FILE NAME =	USER NAME = ceerlockjd	DESIGNED - JAG	REVISED -
ei:\pw\work\p\dot\ceerlockjd\0309603\0570985-sht-typicals.dgn		DRAWN - JAG	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

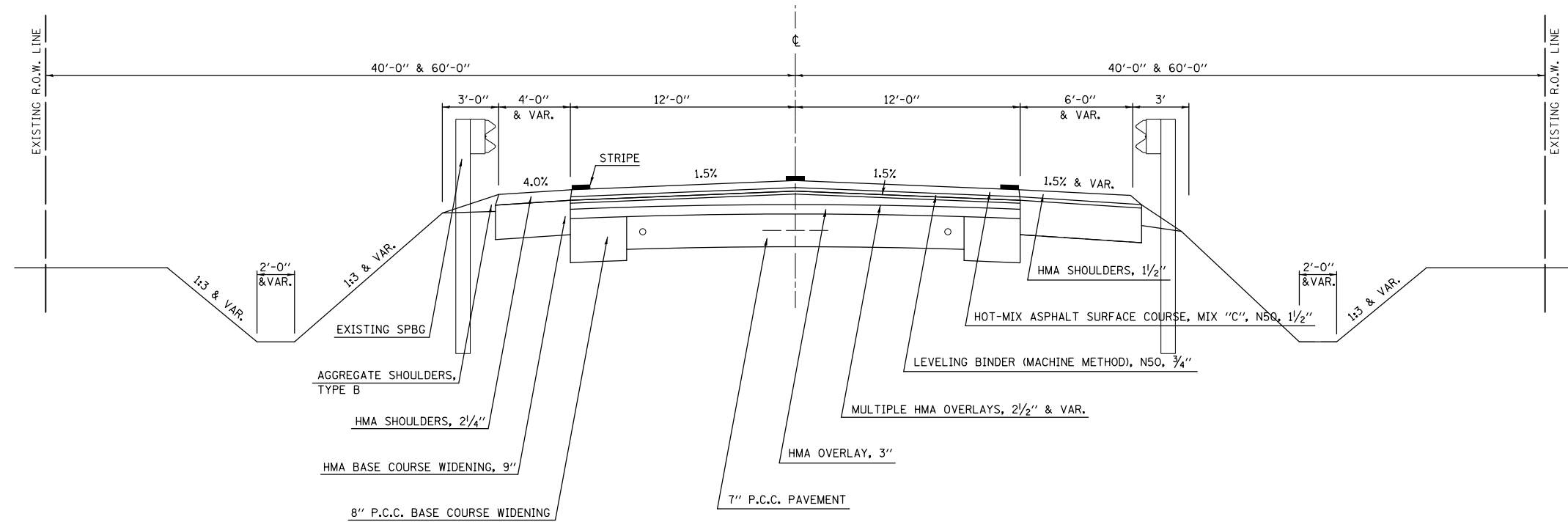
TYPICAL SECTIONS

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	15
CONTRACT NO. 70985				
ILLINOIS FED. AID PROJECT				

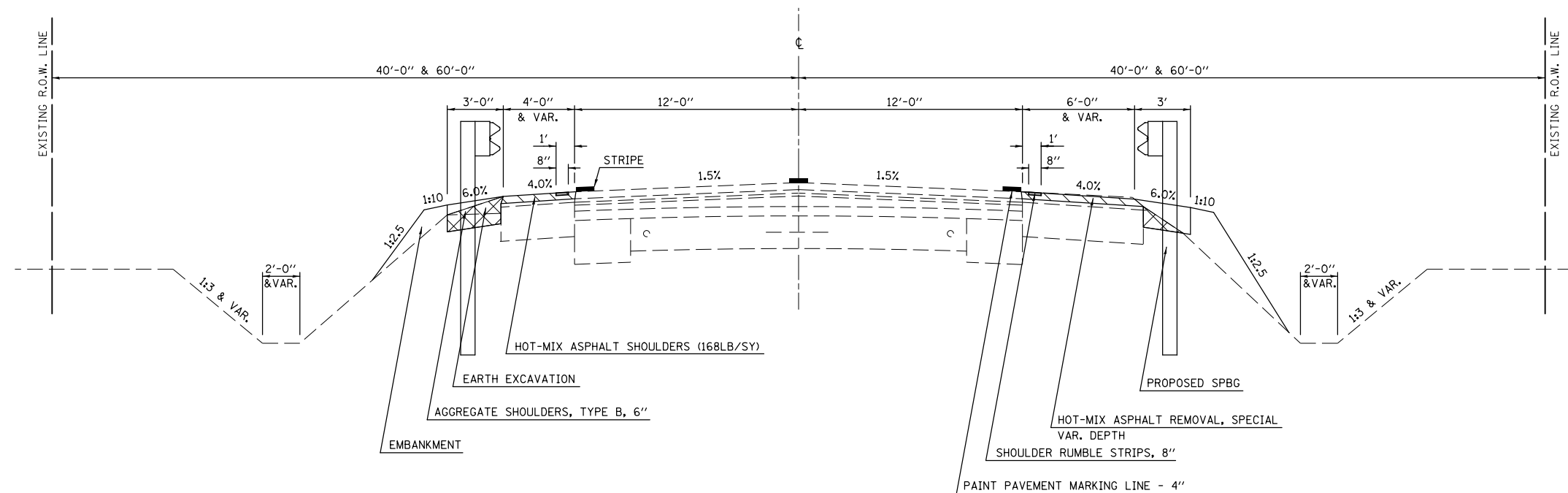
6 EXISTING TYPICAL SECTION

STATION 297+86 TO STATION 301+71



6 PROPOSED TYPICAL SECTION

STATION 297+86 TO STATION 301+71



EARTH EXCAVATION

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - JAG	REVISED -
ei:\pw\work\p\midot\ceerlockjd\0309603\0570985-sht-typicals.dgn		DRAWN - JAG	REVISED -
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	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

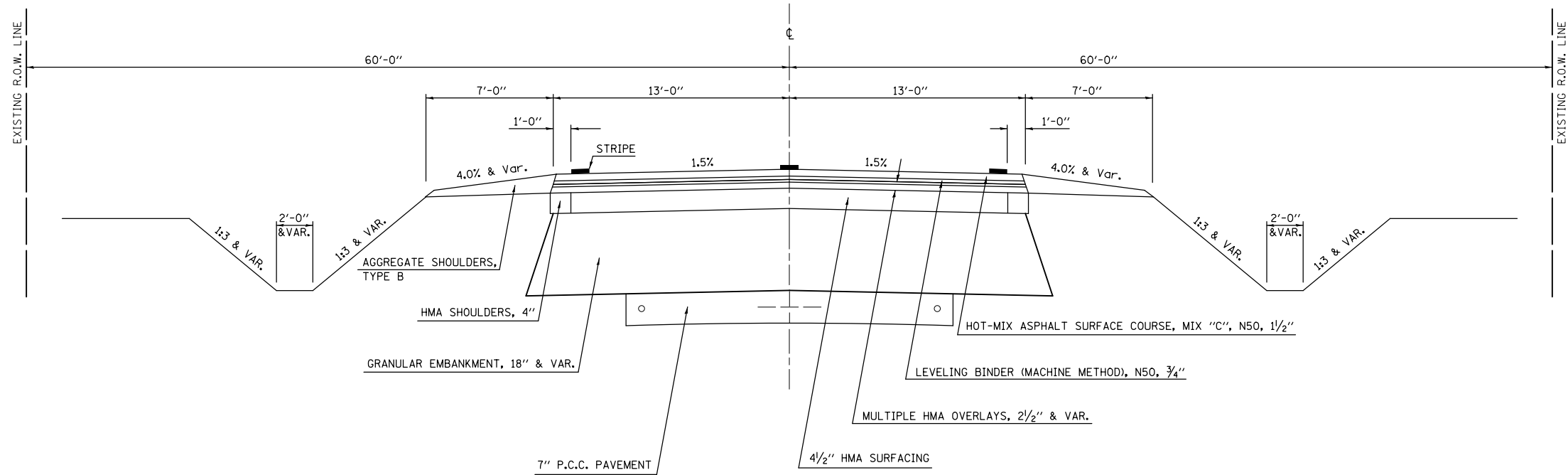
TYPICAL SECTIONS

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	16
CONTRACT NO. 70985				
ILLINOIS FED. AID PROJECT				

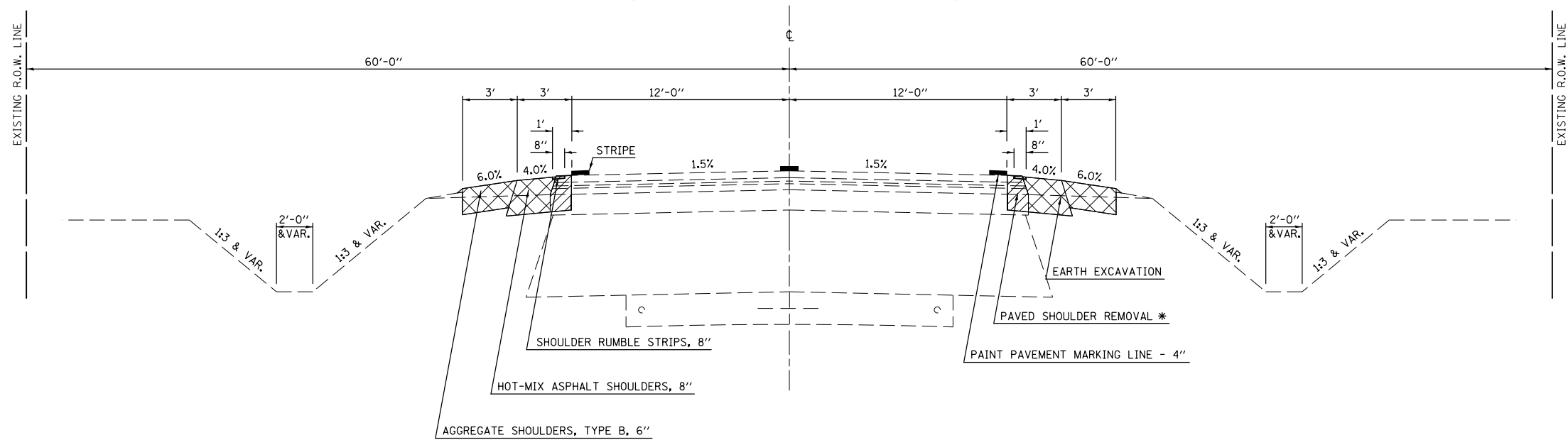
7 EXISTING TYPICAL SECTION

STATION	TO	STATION
② 365+82		② 374+75
② 379+65		② 396+13
② 398+18		② 403+82



7 PROPOSED TYPICAL SECTION

STATION	TO	STATION
② 365+82		② 374+75
② 379+65		② 396+13
② 398+18		② 403+82



PAVED SHOULDER REMOVAL

EARTH EXCAVATION

* 8" DEPTH OF PAVED SHOULDER TO BE REMOVED

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - JAG	REVISED -
ei:\pw\work\p\midot\ceerlockjd\0309603\0570985-sht-typicals.dgn		DRAWN - JAG	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	17
CONTRACT NO. 70985				
ILLINOIS FED. AID PROJECT				

EARTH EXCAVATION

LOCATION			20200100	EARTH EXCAVATION	EMBANKMENT	EARTHWORK BALANCE (+) SHORTAGE (-)
STATION	to	STATION	CU YD	CU YD	CU YD	EACH
RT	139+81.50	421+03.50	2058	1544	830	714
RT (ENTRANCES)	139+81.50	421+03.50	111	83		
LT	139+81.50	421+03.50	2309	1732	131	1601
LT (ENTRANCES)	139+81.50	421+03.50	217	163	4	159
TOTAL			4695	3521	965	2473

POROUS GRANULAR EMBANKMENT

LOCATION			20700220
STATION	to	STATION	CU YD
RT	212+46.00	212+78.00	44.10
LT	212+46.00	212+78.00	44.20
TOTAL			88.3
USE			89.0

EXPLORATION TRENCH 52" DEPTH

LOCATION				21301052
STATION	to	STATION	OFFSET (FT)	FT
LT	211+65.28	213+40.03	+/- 35	174.75
TOTAL				175.0

TEMPORARY DITCH CHECKS

LOCATION			28000305
STATION	OFFSET (FT)	FT	TEMPORARY DITCH CHECKS
RT	144+50.00	36.4	10.0
RT	146+00.00	35.5	10.0
RT	147+50.00	35.2	10.0
RT	148+25.00	32.8	10.0
RT	172+30.00	32.0	10.0
RT	173+50.00	27.7	10.0
RT	175+00.00	32.6	10.0
RT	176+50.00	33.0	10.0
RT	211+00.00	32.8	10.0
RT	212+50.00	33.8	10.0
RT	212+74.00	33.9	10.0
RT	215+00.00	33.4	10.0
RT	253+00.00	27.7	10.0
RT	253+80.00	28.9	10.0
RT	300+20.00	28.7	10.0
RT	301+00.00	31.8	10.0
LT	173+50.00	36.4	10.0
LT	175+10.00	36.9	10.0
LT	212+50.00	33.8	10.0
LT	212+74.00	33.9	10.0
LT	252+35.00	30.6	10.0
LT	253+50.00	30.3	10.0
LT	252+31.70	31.7	10.0
TOTAL			230.0

STONE RIPRAP, CLASS A1

LOCATION				LENGTH	WIDTH	DEPTH	28100201
STATION	to	STATION	FT	FT	FT	TON	
RT	212+53.00	212+71.00	18	31.88	1.00	31.88	
LT	212+53.00	212+71.00	18	31.88	1.00	31.88	
TOTAL						63.8	
USE						64.0	

AGG SHOULDERS, TYPE B

LOCATION				48101200
STATION	to	STATION	TON	AGGREGATE SHOULDERS, TYPE B
RT	147+97.00	153+51.97	9.88	
LT	147+97.00	153+55.63	9.88	
TOTAL				19.76
USE				20.0

SEEDING

LOCATION			25000210	25000400	25000500	25000600	25100115	25100630	25100630
STATION	to	STATION	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING
STATION	to	STATION	ACRE	POUND	POUND	POUND	ACRE	SQ YD	POUND
RT	141+00.00	148+25.00	0.234	21.06	21.06	21.06	0.234		23.40
RT	153+00.00	153+72.64	0.027	2.47	2.47	2.47	0.027		2.74
RT	160+56.86	161+25.00	0.011	0.96	0.96	0.96	0.011		1.07
RT	171+97.96	173+56.15	0.054	4.82	4.82	4.82	0.020	163.86	5.35
RT	174+85.38	181+99.20	0.149	13.44	13.44	13.44	0.122	131.46	14.93
RT	194+75.00	196+50.00	0.014	1.29	1.29	1.29	0.014		1.44
RT	198+34.63	203+00.00	0.073	6.58	6.58	6.58	0.073		7.31
RT	210+50.00	216+09.61	0.276	24.85	24.85	24.85	0.256	99.15	27.61
RT	216+75.00	218+25.00	0.038	3.41	3.41	3.41	0.000	183.17	3.78
RT	219+75.00	221+20.00	0.038	3.41	3.41	3.41	0.038		3.79
RT	251+98.14	253+09.56	0.023	2.06	2.06	2.06	0.014	41.60	2.29
RT	253+68.88	254+71.57	0.039	3.55	3.55	3.55	0.015	116.77	3.95
RT	273+75.00	276+25.00	0.051	4.62	4.62	4.62	0.016	172.88	5.13
RT	279+48.57	279+70.93	0.004	0.32	0.32	0.32	0.004		0.35
RT	295+75.00	297+25.00	0.038	3.40	3.40	3.40	0.000	182.67	3.77
RT	298+80.45	299+41.52	0.004	0.38	0.38	0.38	0.004		0.42
RT	300+12.88	301+38.10	0.034	3.02	3.02	3.02	0.010	111.99	3.35
RT	302+75.00	307+25.00	0.124	11.16	11.16	11.16	0.083	200.00	12.40
RT	396+75.00	397+33.76	0.006	0.58	0.58	0.58	0.006		0.64
RT	397+54.86	398+42.27	0.009	0.84	0.84	0.84	0.009		0.94
RT	398+61.29	399+25.00	0.005	0.47	0.47	0.47	0.005		0.53
RT	408+02.83	408+32.84	0.008	0.68	0.68	0.68	0.008		0.76
SUBTOTAL			1.260	113.36	113.36	113.36	0.970	1403.55	125.95
LT	140+58.61	144+25.00	0.099	8.89	8.89	8.89	0.099		9.87
LT	160+33.70	160+66.28	0.007	0.61	0.61	0.61	0.007		0.68
LT	172+23.05	172+38.51	0.003	0.26	0.26	0.26	0.003		0.29
LT	172+76.76	173+55.55	0.020	1.84	1.84	1.84	0.006	72.12	2.05
LT	174+86.03	176+34.89	0.032	2.86	2.86	2.86	0.009	109.72	3.18
LT	194+04.58	194+26.08	0.004	0.40	0.40	0.40	0.004		0.44
LT	207+94.68	208+20.52	0.007	0.67	0.67	0.67	0.007		0.74
LT	211+65.28	213+40.03	0.076	6.87	6.87	6.87	0.018	282.00	7.64
LT	251+59.83	252+44.48	0.042	3.78	3.78	3.78	0.004	182.18	4.20
LT	253+30.20	254+97.96	0.051	4.57	4.57	4.57	0.018	159.62	5.08
LT	279+83.62	281+05.51	0.019	1.68	1.68	1.68	0.019		1.87
LT	282+50.66	282+84.89	0.005	0.42	0.42	0.42	0.005		0.47
LT	286+52.84	287+13.59	0.007	0.64	0.64	0.64	0.007		0.71
LT	297+75.00	298+42.41	0.017	1.57	1.57	1.57	0.017		1.74
LT	298+68.59	299+42.02	0.010	0.87	0.87	0.87	0.010		0.97
LT	300+11.13	300+84.57	0.005	0.43	0.43	0.43	0.005		0.48
LT	302+75.00	306+25.00	0.062	5.58	5.58	5.58	0.062		6.20
LT	309+60.01	310+02.35	0.015	1.32	1.32	1.32	0.015		1.46
LT	329+42.59	332+31.27	0.044	3.99	3.99	3.99	0.044		4.43
LT	332+52.11	333+25.00	0.009	0.85	0.85	0.85	0.009		0.94
LT	361+57.50	362+25.00	0.010	0.89	0.89	0.89	0.010		0.99
LT	378+75.00	379+19.22	0.007	0.60	0.60	0.60	0.007		0.67
LT	395+70.73	396+25.00	0.005	0.46	0.46	0.46	0.005		0.51
LT	408+30.85	408+52.85	0.005	0.45	0.45	0.45	0.005		0.51
LT	417+26.36	418+46.04	0.022	2.00	2.00	2.00	0.022		2.22
LT	418+87.34	419+57.84	0.014	1.29	1.29	1.29	0.014		1.43
LT	420+00.73	420+50.00	0.009	0.85	0.85	0.85	0.009		0.94
SUBTOTAL			0.607	54.64	54.64	54.64	0.441	805.64	60.71
TOTAL			1.9	168.0	168.0	168.0	1.4	2209.2	186.7
USE			2.0	180.0	180.0	180.0	1.5	2210.0	200.0

PAVED SHOULDER REMOVAL

LOCATION			LENGTH	WIDTH	44004250 PAVED SHOULDER REMOVAL
STATION	to	STATION	FT	FT	SQ YD
RT	141+00.00	141+41.00	41.00	1.8 to 1.0	6.38
RT	141+41.00	147+97.00	656.00	1.00	72.89
RT	154+10.86	173+56.15	1945.29	1.00	216.14
RT	174+85.38	190+00.00	1514.62	1.00	168.29
RT	189+95.90	208+26.19	1830.29	1.00	203.37
RT	208+81.85	212+46.00	364.15	1.00	40.46
RT	212+78.00	223+94.78	1116.78	1.00	124.09
RT	223+94.78	252+74.04	2879.26	3.00	959.75
RT	253+54.88	253+59.87	4.99	3.30	1.83
RT	253+59.87	254+14.24	54.37	4.30	25.98
RT	254+14.24	254+30.38	16.14	4.3 to 1.0	42.77
RT	254+30.38	260+91.59	661.21	1.00	73.47
RT	261+76.08	286+53.67	2477.59	1.00	275.29
RT	286+53.67	288+00.00	146.33	3.00	48.78
RT	288+11.50	293+52.32	540.82	3.00	180.27
RT	293+52.32	297+93.69	441.37	1.00	49.04
RT	301+64.93	310+11.20	846.27	1.00	94.03
RT	310+00.00	314+53.37	453.37	1.00	50.37
RT	315+13.93	367+45.93	5232	1.00	581.33
RT	368+08.17	413+23.73	4515.56	1.00	501.73
RT	414+27.52	416+66.70	239.18	1.00	26.58
RT	417+24.18	421+03.50	379.32	1.00	42.15
LT	140+08.17	147+97.00	788.83	1.00	87.65
LT	154+27.94	172+64.18	1836.24	1.00	204.03
LT	172+64.18	173+01.11	36.93	varies	10.98
LT	173+01.11	173+55.60	54.49	2.10	12.71
LT	174+86.04	175+60.68	74.64	3.13	25.96
LT	175+60.68	175+79.42	18.74	3.1 to 1.0	4.27
LT	175+79.42	190+00.00	1420.58	1.00	157.84
LT	189+95.90	207+34.45	1738.55	1.00	193.17
LT	207+94.85	212+46.00	451.15	1.00	50.13
LT	212+78.00	251+81.59	3903.59	1.00	433.73
LT	251+81.59	252+73.61	92.02	3.55	36.30
LT	252+73.61	252+76.40	2.79	2.30	0.71
LT	253+29.34	253+59.86	30.52	varies	12.22
LT	253+59.86	254+10.85	50.99	4.45	25.21
LT	254+10.85	260+00.39	589.54	1.00	65.50
LT	260+77.07	288+00.00	2722.93	1.00	302.55
LT	288+11.50	298+22.09	1010.59	1.00	112.29
LT	301+22.76	310+11.20	888.44	1.00	98.72
LT	310+00.00	313+91.33	391.33	1.00	43.48
LT	314+59.34	416+15.44	10156.1	1.00	1128.46
LT	416+15.44	416+36.94	21.5	4.00	9.56
LT	417+57.74	420+80.00	322.26	1.00	35.81
TOTAL					6836.2
USE					6837.0

CLASS D PATCHES, TYPE IV, 10 INCH

LOCATION			LENGTH	WIDTH	40600275 BITUMINOUS MATERIALS (PRIME COAT)	44201771 CLASS D PATCHES, TYPE IV, 10 INCH
STATION	to	STATION	FT	FT	POUND	SQ YD
RT	212+46.00	212+78.00	32.00	15.00	12.00	53.33
LT	212+46.00	212+78.00	32.00	15.00	12.00	53.33
TOTAL					24.00	106.7
USE					24.00	107.0

AGGREGATE SHOULDERS, TYPE B 6"

LOCATION			LENGTH	WIDTH	48101500 AGGREGATE SHOULDERS, TYPE B 6"	LOCATION			LENGTH	WIDTH	48101500 AGGREGATE SHOULDERS, TYPE B 6"
STATION	to	STATION	FT	FT	SQ YD	STATION	to	STATION	FT	FT	SQ YD
RT	141+00.00	141+41.00	41.00	0.0 to 3.0	20.22	LT	221+04.10	221+40.23	36.13	3.00	12.04
RT	140+46.45	141+41.00	94.55	3.00	31.52	LT	221+94.35	224+26.90	232.55	3.00	77.52
RT	141+41.00	147+97.00	656.00	3.00	218.67	LT	224+88.20	225+47.09	58.89	3.00	19.63
RT	154+05.44	159+75.56	570.12	3.00	190.04	LT	225+90.84	226+22.73	31.89	3.00	10.63
RT	160+66.97	173+55.92	1288.95	3.00	429.65	LT	226+96.26	228+23.68	127.42	3.00	42.47
RT	174+85.23	181+99.23	714.00	3.00	238.00	LT	228+81.97	230+38.82	156.85	3.00	52.28
RT	182+28.78	190+00.00	771.22	3.00	257.07	LT	230+82.25	231+49.19	66.94	3.00	22.31
RT	189+95.90	190+67.46	71.56	3.00	23.85	LT	231+84.80	232+89.86	105.06	3.00	35.02
RT	190+81.10	193+87.47	306.37	3.00	102.12	LT	233+26.97	234+43.21	116.24	3.00	38.75
RT	194+27.24	195+20.74	93.50	3.00	31.17	LT	234+75.19	235+01.80	26.61	3.00	8.87
RT	195+64.04	208+31.90	1267.86	3.00	422.62	LT	235+32.96	236+14.61	81.65	3.00	27.22
RT	208+76.94	212+46.00	369.06	3.00	123.02	LT	236+45.05	236+77.23	32.18	3.00	10.73
RT	212+46.00	212+78.00	32.00	3.0 to 5.0	15.62	LT	237+10.13	237+93.16	83.03	3.00	27.68
RT	212+78.00	223+94.87	1116.87	3.00	372.29	LT	238+26.24	238+97.55	71.31	3.00	23.77
RT	253+54.77	260+14.45	659.68	3.00	219.89	LT	239+31.98	240+03.80	71.82	3.00	23.94
RT	260+55.09	260+97.97	42.88	3.00	14.29	LT	240+36.69	241+16.27	79.58	3.00	26.53
RT	261+70.01	268+64.84	694.83	3.00	231.61	LT	241+51.64	242+51.03	99.39	3.00	33.13
RT	269+17.04	279+51.10	1034.06	3.00	344.69	LT	242+81.16	244+54.04	172.88	3.00	57.63
RT	279+99.36	286+54.15	654.79	3.00	218.26	LT	244+87.10	252+76.46	789.36	3.00	263.12
RT	293+51.94	296+45.96	294.02	3.00	98.01	LT	253+29.67	260+09.13	679.46	3.00	226.49
RT	296+67.43	297+97.88	130.45	3.00	43.48	LT	260+71.53	279+50.86	1879.33	3.00	626.44
RT	298+80.90	299+41.56	60.66	3.00	20.22	LT	279+90.52	281+01.26	110.74	3.00	36.91
RT	300+12.79	301+38.10	125.31	3.00	41.77	LT	281+31.69	286+34.80	503.11	3.00	167.70
RT	301+52.78	308+12.16	659.38	3.00	219.79	LT	286+62.62	287+06.71	44.09	3.00	14.70
RT	308+45.54	310+11.20	165.66	3.00	55.22	LT	287+37.30	288+00.00	62.70	3.00	20.90
RT	310+00.00	314+58.07	458.07	3.00	152.69	LT	288+11.50	288+81.27	69.77	3.00	23.26
RT	315+09.58	326+71.08	1161.50	3.00	387.17	LT	289+17.56	290+38.12	120.56	3.00	40.19
RT	327+09.39	357+24.67	3015.28	3.00	1005.09	LT	290+70.00	292+50.39	180.39	3.00	60.13
RT	357+68.63	369+71.15	1202.52	3.00	400.84	LT	292+93.40	293+24.31	30.91	3.00	10.30
RT	370+27.50	372+04.42	176.92	3.00	58.97	LT	293+56.93	296+35.63	278.7	3.00	92.90
RT	372+60.38	397+28.15	2467.77	3.00	822.59	LT	296+82.69	298+27.53	144.84	3.00	48.28
RT	397+61.63	398+36.57	74.94	3.00	24.98	LT	298+80.41	299+41.92	61.51	3.00	20.50
RT	398+95.80	413+30.67	1434.87	3.00	478.29	LT	300+11.93	300+76.55	64.62	3.00	21.54
RT	414+21.72	416+70.66	248.94	3.00	82.98	LT	301+16.77	308+09.99	693.22	3.00	231.07
RT	417+18.65	418+52.46	133.81	3.00	44.60	LT	308+43.18	310+11.20	168.02	3.00	56.01
RT	419+10.90	419+38.23	27.33	3.00	9.11	LT	310+00.00	313+97.50	397.5	3.00	132.50
RT	420+59.44	421+03.50	44.06	3.00	14.69	LT	314+53.65	326+68.42	1214.77	3.00	404.92
LT	140+68.94	147+97.00	728.06	3.00	242.69	LT	327+10.12	328+28.02	117.9	3.00	39.30
LT	154+20.94	168+09.12	1388.18	3.00	462.73	LT	329+73.25	332+24.75	251.5	3.00	83.83
LT	168+40.11	170+26.98	186.87	3.00	62.29	LT	332+92.19	335+90.65	298.46	3.00	99.49
LT	170+56.19	172+31.49	175.30	3.00	58.43	LT	336+38.29	357+27.88	2089.59	3.00	696.53
LT	172+62.14	173+55.56	93.42	3.00	31.14	LT	357+72.18	360+88.91	316.73	3.00	105.58
LT	174+86.05	190+00.00	1513.95	3.00	504.65	LT	361+69.85	379+13.23	1743.38	3.00	581.13
LT	189+95.90	207+40.98	1745.08	3.00	581.69	LT	379+52.12	380+23.37	71.25	3.00	23.75
LT	207+89.63	211+33.11	343.48	3.00	114.49	LT	380+59.39	395+45.13	1485.74	3.00	495.25
LT	211+74.72	212+46.00	71.28	3.00	23.76	LT	395+98.07	416+36.94	2038.87	3.00	679.62
LT	212+46.00	212+78.00	32	3.0 to 5.0	15.62	LT	417+44.27	418+36.75	92.48	3.00	30.83
LT	212+78.00	213+09.50	31.5	3.00	10.50	LT	418+89.19	419+53.20	64.01	3.00	21.34
LT	214+07.39	220+47.56	640.17	3.00	213.39	LT	420+08.51	420+80.00	71.49	3.00	23.83
TOTAL											15715.0

ENTRANCES

LOCATION			35101800	40200800	40800025	40800050	44000200	Z0004542
LOCATION			AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	DRIVEWAY PAVEMENT REMOVAL	HOT-MIX ASPHALT REMOVAL (SPECIAL)
STATION	ENTRANCE		SQ YD	TON	LB	TON	SQ YD	SQ YD
RT 160+48.57	P.E./MBTO (AGG)		62.51		26.07	7.30	82.11	
RT 171+02.66	F.E. (EARTH)						8.74	
RT 182+14.62	F.E. (AGG)			11.24			12.79	
RT 190+74.03	F.E. (AGG)			3.93			6.56	
RT 194+06.34	P.E. (AGG)		42.03		16.14	4.52	44.58	
RT 195+40.86	MBTO		27.27		11.11	3.11	37.14	
RT 198+49.68	F.E. (EARTH)						7.21	
RT 215+99.25	F.E. (EARTH)						7.05	
RT 225+92.70	F.E. (EARTH)			0.40				
RT 226+69.16	F.E. (EARTH)			0.41				
RT 228+37.50	P.E. (AGG)			3.33				
RT 235+87.05	P.E. (AGG)			0.60				
RT 236+63.92	P.E. (AGG)			0.36				
RT 239+01.58	P.E. (AGG)			3.63				
RT 241+01.67	P.E. (AGG)			0.44				
RT 243+00.04	P.E. (HMA)		9.23		6.52	1.57	8.28	6.17
RT 244+60.41	P.E. (AGG)			3.19				
RT 244+86.31	P.E. (AGG)			0.46				
RT 245+98.74	P.E. (AGG)			0.80				
RT 247+42.76	P.E. (AGG)			0.49				
RT 248+64.72	P.E. (AGG)			0.55				
RT 249+86.16	P.E. (AGG)			0.46				
RT 250+72.70	P.E. (AGG)			0.36				
RT 251+28.15	P.E. (AGG)			0.59				
RT 251+90.43	P.E. (HMA)				3.35	0.63		7.45
RT 260+33.50	P.E./MBTO (AGG)				16.68	3.11	10.59	37.06
RT 268+78.00	P.E./MBTO (AGG)		36.04		15.00	4.20	47.66	
RT 279+59.90	F.E./MBTO (EARTH)				8.24	1.54	11.79	18.32
RT 288+26.03	F.E./MBTO (EARTH)							
RT 296+54.84	MBTO				6.85	1.28	13.28	15.23
RT 298+69.19	F.E. (EARTH)							
RT 301+46.01	F.E. (EARTH)							
RT 308+27.29	MBTO				7.84	1.46	11.77	17.43
RT 326+88.91	P.E. (AGG)				16.49	3.08	10.11	36.65
RT 334+32.03	F.E. (EARTH)						7.93	
RT 351+37.66	F.E. (EARTH)						7.96	
RT 357+42.00	P.E. (AGG)				17.14	3.20	11.25	38.09
RT 366+88.45	F.E. (EARTH)							
RT 369+99.45	C.E. (HMA)				21.32	3.98	14.86	47.38
RT 372+31.56	C.E. (HMA)				24.04	4.49	14.88	53.43
RT 378+45.51	F.E. (AGG)							
RT 380+83.06	F.E. (EARTH)						7.34	
RT 397+44.52	P.E. (AGG)				11.80	2.20	9.33	26.22
RT 398+53.48	P.E./MBTO (AGG)				19.57	3.65	15.77	43.48
RT 401+07.87	F.E. (EARTH)						7.88	
RT 408+16.84	F.E. (EARTH)						6.12	
RT 417+59.37	C.E. (AGG)							
RT 418+79.34	C.E. (AGG)				25.14	4.69	14.62	55.87
RT 419+64.36	C.E. (AGG)				24.96	4.66	13.59	55.46
RT 420+32.64	C.E. (AGG)				19.78	3.69	14.73	43.95
LT 140+40.93	C.E. (H.M.A.)				20.44	3.82	13.87	45.43
LT 143+63.94	F.E. (EARTH)						81.61	
LT 160+49.85	F.E. (EARTH)						18.94	
LT 168+25.08	C.E. (H.M.A.)		28.19		11.41	3.19	33.45	
LT 170+41.03	C.E. (H.M.A.)		26.73		10.93	3.06	31.83	
LT 172+46.22	C.E. (H.M.A.)		12.81	4.32	15.75	3.42	20.30	23.62
LT 181+19.25	F.E. (AGG)						6.25	

ENTRANCES

LOCATION			35101800	40200800	40800025	40800050	44000200	Z0004542
LOCATION			AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	DRIVEWAY PAVEMENT REMOVAL	HOT-MIX ASPHALT REMOVAL (SPECIAL)
STATION	ENTRANCE		SQ YD	TON	LB	TON	SQ YD	SQ YD
LT 194+16.15	F.E. (EARTH)							7.34
LT 208+06.89	F.E. (EARTH)							7.66
LT 211+58.49	P.E. (AGG)				16.75	3.13	11.74	37.22
LT 213+62.65	C.E. (H.M.A.)				37.89	7.07	25.41	84.19
LT 220+75.82	C.E. (H.M.A.)				21.35	3.98	15.12	47.44
LT 221+69.68	C.E. (H.M.A.)				20.75	3.87	14.35	46.11
LT 224+55.65	C.E. (AGG)				22.82	4.26	16.14	50.71
LT 225+72.44	C.E. (AGG)				17.84	3.33	12.00	39.65
LT 226+58.92	C.E. (H.M.A.)				27.85	5.20	19.26	61.88
LT 228+58.77	C.E. (AGG)				22.21	4.15	15.62	49.35
LT 230+59.12	C.E. (H.M.A.)				16.40	3.06	12.39	36.44
LT 231+67.73	C.E. (AGG)				13.68	2.55	10.51	30.40
LT 233+11.95	P.E. (AGG)				14.27	2.66	10.53	31.72
LT 234+58.66	P.E. (AGG)				11.55	2.16	9.65	25.66
LT 235+19.52	P.E. (AGG)				11.45	2.14	9.17	25.44
LT 236+29.32	P.E. (EARTH)				10.50	1.96	8.82	23.34
LT 236+95.09	P.E. (AGG)				12.59	2.35	9.25	27.98
LT 238+10.36	P.E. (PCC)				11.75	2.19	9.81	26.11
LT 239+15.09	P.E. (HMA)				12.65	2.36	10.15	28.12
LT 240+20.69	P.E. (HMA)				12.17	2.27	9.36	27.04
LT 241+34.36	P.E. (HMA)				12.94	2.42	10.38	28.76
LT 242+65.96	P.E. (HMA)				11.02	2.06	8.89	24.48
LT 244+70.68	P.E. (HMA)		56.30		23.48	6.58	66.31	
LT 247+60.01	F.E. (EARTH)							7.80
LT 279+71.00	P.E. (HMA)		36.28		15.19	4.25	44.30	
LT 281+14.93	P.E. (AGG)				12.60	2.35	7.79	28.00
LT 282+67.55	F.E. (EARTH)							30.79
LT 286+48.37	P.E. (AGG)				10.77	2.01	8.02	23.93
LT 287+22.31	P.E. (AGG)				10.98	2.05	15.40	24.41
LT 289+00.62	P.E. (PCC)				13.14	2.45	9.97	29.20
LT 290+54.36	P.E. (HMA)				11.93	2.23	9.05	26.50
LT 292+71.40	P.E. (AGG)				16.87	3.15	11.74	37.48
LT 293+41.50	P.E. (AGG)				12.42	2.32	9.35	27.59
LT 296+59.87	P.E. (AGG)				19.89	3.71	12.63	44.20
LT 298+57.59	P.E. (AGG)				21.31	3.98		47.36
LT 300+97.29	P.E. (AGG)				18.45	3.44		41.00
LT 308+27.29	P.E. (AGG)				13.10	2.44	9.55	29.10
LT 309+79.41	F.E. (EARTH)			4.54				7.21
LT 315+08.83	F.E. (EARTH)							
LT 326+88.91	MBTO							
LT 328+70.60	P.E. (AGG)		66.03		28.10	7.87	79.50	
LT 329+22.12	P.E./MBTO (HMA)		77.26		32.29	9.04	89.83	
LT 332+44.18	P.E./MBTO (AGG)		54.84	2.10	21.51	6.02	65.92	
LT 336+19.94	P.E./MBTO (AGG)			0.39	17.11	3.19	13.55	38.02
LT 340+49.31	F.E. (EARTH)						6.60	
LT 357+42.00	MBTO				10.24	1.91	12.95	22.75
LT 361+35.01	P.E. (HMA)		68.69		28.92	8.10	84.31	
LT 367+75.79	F.E. (AGG)							13.31
LT 370+08.92	F.E. (EARTH)							10.31
LT 377+64.93	F.E. (AGG)							
LT 379+30.56	P.E. (AGG)				15.80	2.95	10.62	35.12
LT 380+39.47	P.E. (EARTH)				13.79	2.57	10.00	30.65
LT 395+60.96	P.E./MBTO (AGG)		46.17	5.01	17.73	4.96	54.98	
LT 399+35.95	F.E. (AGG)							8.58
LT 408+41.35	F.E. (EARTH)							7.70
LT 418+66.75	C.E. (AGG)				20.28	3.79	13.71	45.07
LT 419+77.21	C.E. (AGG)				21.43	4.00	15.05	47.62
TOTAL			650.4	47.6	1133.0	236.4	1695.1	1925.1
USE			651.0	48.0	1133.0	237.0	1696.0	1926.0

HOT-MIX ASPHALT SHOULDERS, 8"

LOCATION	LENGTH	WIDTH	40600275		48203029	
			BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SHOULDERS, 8"	POUND	SQ YD
STATION	to	STATION	FT	FT		
RT 139+81.50		139+97.40	15.90	2.00	0.79	3.53
RT 140+00.00		141+00.00	100.00	2.00	5.00	22.22
RT 141+00.00		141+41.00	41.00	3.8 to 3.0	3.49	15.49
RT 141+41.00		147+97.00	656.00	3.00	49.20	218.67
RT 154+10.86		173+56.15	1945.29	3.00	145.90	648.43
RT 174+85.38		190+00.00	1514.62	3.00	113.60	504.87
RT 189+95.90		208+26.19	1830.29	3.00	137.27	610.10
RT 208+81.85		212+46.00	364.15	3.00	27.31	121.38
RT 212+78.00		252+74.04	3996.04	3.00	299.70	1332.01
RT 253+54.88		253+59.87	4.99	2.00	0.25	1.11
RT 253+59.87		260+91.59	731.72	3.00	54.88	243.91
RT 261+76.08		288+00.00	2623.92	3.00	196.79	874.64
RT 288+11.50		297+93.69	982.19	3.00	73.66	327.40
RT 301+64.93		310+11.20	846.27	3.00	63.47	282.09
RT 310+00.00		314+53.37	453.37	3.00	34.00	151.12
RT 315+13.93		367+45.93	5232.00	3.00	392.40	1744.00
RT 368+08.17		413+23.73	4515.56	3.00	338.67	1505.19
RT 414+27.52		416+66.70	239.18	3.00	17.94	79.73
RT 417+24.18		421+03.50	379.32	3.00	28.45	126.44
LT 140+08.17		147+97.00	788.83	3.00	59.16	262.94
LT 154+27.94		173+55.60	1927.66	3.00	144.57	642.55
LT 174+86.04		190+00.00	1513.96	3.00	113.55	504.65
LT 189+95.90		207+34.45	1738.55	3.00	130.39	579.52
LT 207+94.85		212+46.00	451.15	3.00	33.84	150.38
LT 212+78.00		252+73.61	3995.61	3.00	299.67	1331.87
LT 252+73.61		252+76.40	2.79	2.00	0.14	0.62
LT 253+29.34		253+59.86	30.52	2.00	1.53	6.78
LT 253+59.86		260+00.39	640.53	3.00	48.04	213.51
LT 260+77.07		288+00.00	2722.93	3.00	204.22	907.64
LT 288+11.50		298+22.09	1010.59	3.00	75.79	336.86
LT 301+22.76		310+11.20	888.44	3.00	66.63	296.15
LT 310+00.00		313+91.33	391.33	3.00	29.35	130.44
LT 314+59.34		416+36.94	10177.60	3.00	763.32	3392.53
LT 417+57.74		420+80.00	322.26	3.00	24.17	107.42
			TOTAL		3977.15	17,676.2
			USE		3978.0	17677.0

HOT-MIX ASPHALT SHOULDERS (168LB/SQYD)

LOCATION	LENGTH	WIDTH	AREA	40600275		48203100	
				BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SHOULDERS	SQ YD	TON
STATION	to	STATION	FT	FT			
RT 147+97.00		153+58.00	561.00	5.00	311.67	70.13	26.18
RT 223+94.81		252+00.00	2805.19	5.00	1558.44	350.65	130.91
RT 252+00.00		253+03.38	103.38	varies	51.41	11.57	4.32
RT 286+54.00		288+00.00	146.00	5	81.11	18.25	6.81
RT 288+11.50		293+52.00	540.50	5.00	300.28	67.56	25.22
RT 297+93.69		301+64.93	371.24	varies	231.01	51.98	19.41
LT 147+97.00		153+53.87	556.87	5.00	309.37	69.61	25.99
LT 298+22.09		298+86.20	64.11	3.00	21.37	4.81	1.80
LT 298+86.20		300+63.84	177.64	varies	92.70	20.86	7.79
LT 300+63.84		301+22.76	58.92	3.00	19.64	4.42	1.65
			TOTAL		669.83	250.07	
			USE		670.0	251.00	

PIPE CULVERT REMOVAL

LOCATION	50105220			
	PIPE CULVERT REMOVAL	FT		
STATION	to	STATION	FT	
RT 153+29.73		153+55.72	25.99	
LT 160+35.79		160+64.58	28.79	
LT 172+30.56		172+91.34	60.78	
RT 181+96.43		182+32.82	36.39	
RT 190+64.74		190+83.31	18.57	
RT 193+87.84		194+21.71	33.87	
LT 194+06.37		194+24.38	18.01	
RT 198+40.79		198+58.57	17.78	
LT 207+98.40		208+16.80	18.40	
LT 212+62.22			7.30	
RT 215+89.84		216+07.88	18.04	
RT 228+14.40		228+50.08	35.80	
RT 238+88.77		239+10.40	21.63	
RT 242+89.58		243+10.50	20.92	
RT 244+49.67		244+67.90	18.23	
LT 244+57.29		244+84.07	26.78	
RT 251+79.59		251+81.06	1.47	
RT 268+64.33		268+86.07	21.74	
RT 279+51.14		279+68.66	17.52	
LT 308+14.33		308+40.40	26.07	
LT 309+66.24		309+96.04	29.80	
RT 408+09.43		408+26.39	16.96	
LT 408+32.74		408+50.65	17.91	
			TOTAL	538.75
			USE	539.0

PRECAST CONCRETE BOX CULVERTS 12' X 3'

LOCATION	54011203		
	PRECAST CONCRETE BOX CULVERTS 12' X 3'	EACH	
STATION	S.N.	EACH	
RT 212+62.00	010-8169	18.0	
LT 212+62.00	010-8169	18.0	
		TOTAL	36.0

NAME PLATES

LOCATION	51500100			
	NAME PLATES	OFFSET	EACH	
STATION	S.N.	OFFSET	EACH	
RT 212+57.00	010-8169	21' RT	1	
			TOTAL	1

BOX CULVERT END SECTIONS, CULVERT NO. 1

LOCATION	54001001				
	BOX CULVERT END SECTIONS, CULVERT NO. 1	LENGTH (FT)	OFFSET (FT)	EACH	
STATION	S.N.	LENGTH (FT)	OFFSET (FT)	EACH	
RT 212+62.00	010-8169	14.88	18.0 RT	1	
LT 212+62.00	010-8169	14.88	18.0 LT	1	
				TOTAL	2

REMOVAL OF EXISTING STRUCTURES

LOCATION	50100100		
	REMOVAL OF EXISTING STRUCTURES	EACH	
STATION	S.N.	EACH	
212+62.00	010-8070	1.0	
		TOTAL	1.0

CONCRETE HEADWALL REMOVAL

LOCATION	50104400		
	CONCRETE HEADWALL REMOVAL	EACH	
STATION	S.N.	EACH	
RT 153+30.49		1.0	
RT 153+55.28		1.0	
LT 160+36.33		1.0	
RT 182+32.21		1.0	
RT 190+65.94		1.0	
RT 190+82.86		1.0	
LT 194+07.09		1.0	
RT 194+21.26		1.0	
LT 194+23.85		1.0	
RT 198+41.35		1.0	
RT 198+58.00		1.0	
LT 207+99.28		1.0	
LT 208+15.98		1.0	
LT 212+62.48		1.0	
RT 215+90.42		1.0	
RT 216+07.09		1.0	
RT 228+49.48		1.0	
RT 238+89.11		1.0	
RT 239+10.15		1.0	
RT 242+89.65		1.0	
RT 243+09.85		1.0	
RT 244+50.45		1.0	
LT 244+57.60		1.0	
RT 244+67.19		1.0	
LT 244+83.59		1.0	
RT 251+80.65		1.0	
RT 268+64.72		1.0	
RT 268+85.60		1.0	
RT 279+51.54		1.0	
RT 279+68.32		1.0	
LT 308+15.07		1.0	
LT 308+39.91		1.0	
LT 309+66.78		1.0	
LT 309+95.42		1.0	
RT 408+09.78		1.0	
RT 408+25.89		1.0	
		TOTAL	36.0

TRAVERSABLE PIPE GRATE

LOCATION	54260311		
	TRAVERSABLE PIPE GRATE	FT	
STATION	S.N.	FT	
RT 212+62.00	010-8169	47.0	
LT 212+62.00	010-8169	47.0	
		TOTAL	94.0

GUARDRAIL MARKERS

LOCATION	78200410		78200530	
	STATION	EACH	STATION	EACH
RT	172+93.00	1		
RT	173+59.00	1		
RT	174+25.00			1
RT	174+91.00	1		
LT	173+45.00	1		
LT	174+09.00			1
LT	174+73.00	1		
LT	175+37.00	1		
RT	252+57.00	1		
RT	253+00.00	1		
RT	253+43.00	1		
RT	253+86.00	1		
LT	252+55.00	1		
LT	253+10.00	1		
LT	253+65.00	1		
LT	254+20.00	1		
RT	299+24.00	1		
RT	299+64.00			1
RT	300+04.00	1		
RT	300+44.00	1		
LT	299+20.00	1		
LT	299+61.00			1
LT	300+02.00	1		
LT	300+43.00	1		
TOTAL		20		4

PIPE CULVERTS

LOCATION	STATION	to	STATION	54213447	54213450	54213459	54213657	54213660	542A0217	542A0220	542D0217	542D0220	542D0229	
				END SECTIONS 12"	END SECTIONS 15"	END SECTIONS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	PIPE CULVERTS, CLASS A, TYPE 112"	PIPE CULVERTS, CLASS A, TYPE 115"	PIPE CULVERTS, CLASS D, TYPE 112"	PIPE CULVERTS, CLASS D, TYPE 115"	PIPE CULVERTS, CLASS D, TYPE 124"	
				EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	FT	
RT	144+00.00		148+00.00	2								400.0		
LT	160+35.49		160+64.49	2								29.0		
LT	172+29.24		173+00.00					2		71.0				
RT	181+95.88		182+32.86				2		37.0					
RT	190+64.85		190+83.45	2								18.5		
RT	193+87.43		194+21.93	2								34.5		
LT	194+06.33		194+24.33	2								18.0		
RT	198+40.61		198+58.61				2		18.0					
LT	207+98.10		208+17.10			2								19.0
LT	212+62.22			1								3.0		
RT	215+89.84		216+07.83	2								18.0		
RT	228+13.40		228+50.28	2								37.0		
RT	238+88.60		239+10.60	2								22.0		
RT	242+89.08		243+10.58	2								21.5		
RT	244+49.76		244+67.76	2								18.0		
LT	244+56.18		244+85.18			2							29.0	
RT	251+79.06		251+81.06	1								2.0		
RT	268+63.45		268+86.95	2								23.5		
RT	279+50.71		279+69.21	2								18.5		
LT	308+11.71		308+43.21			2								31.5
LT	309+63.43		309+98.93			2								35.5
RT	408+08.84		408+26.84				2		18.0					
LT	408+32.60		408+51.10	2								18.5		
TOTAL				28	2	6	6	2	73.0	71.0	682.0	29.0		86.0

BRIDGE RAIL REMOVAL

LOCATION	50104000	
	STATION	BRIDGE RAIL REMOVAL FT
RT	253+21.05	23.00
LT	252+76.21	45.00
TOTAL		68.0

GUARDRAIL REMOVAL

LOCATION	63200310	
	STATION	GUARDRAIL REMOVAL FT
RT	171+97.75	201.98
RT	174+49.63	164.61
LT	172+82.37	108.94
LT	174+40.60	202.51
RT	252+06.56	114.71
RT	253+44.05	75.71
LT	251+24.25	151.95
LT	253+21.21	177.26
RT	298+82.66	89.82
RT	299+86.85	115.05
LT	298+76.60	95.51
LT	299+86.49	95.10
TOTAL		1593.15
USE		1594.0

HOT-MIX ASPHALT REMOVAL (SPECIAL)

LOCATION	STATION	to	STATION	LENGTH FT	WIDTH FT	Z0004542
						HOT-MIX ASPHALT REMOVAL (SPECIAL) SQ YD
RT	147+97.00		153+58.00	561.00	5.00	311.67
RT	223+94.81		252+00.00	2805.19	5.00	1558.44
RT	252+00.00		253+03.38	103.38	varies	51.41
RT	286+54.00		293+52.00	698.00	5.00	387.78
RT	297+93.69		301+64.93	371.24	varies	231.01
LT	147+97.00		153+53.87	556.87	5.00	309.37
LT	298+22.09		301+22.76	300.67	varies	133.70
TOTAL						2983.38
USE						2984.0*

CONCRETE COLLAR

LOCATION	54248510	
	STATION	CONCRETE COLLAR CU YD
LT	212+62.22	0.2
TOTAL		0.2

FRAMES AND LIDS TO BE ADJUSTED

LOCATION	60300305	
	STATION	FRAMES AND LIDS TO BE ADJUSTED EACH
RT	139+95.75	1
TOTAL		1

*SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

TEMPORARY PAVEMENT MARKING - LINE 4"

WHITE EOP LINE					70300220 TEMPORARY PAVEMENT MARKING - LINE 4"
	STATION	to	STATION	OFFSET	FT
RT	139+81.50		139+97.40	12' RT	15.90
RT	140+00.00		153+43.51	12' RT	1343.51
RT	154+21.25		190+00.00	12' RT	3578.75
RT	189+95.90		208+14.70	12' RT	1818.80
RT	208+91.93		260+80.37	12' RT	5188.44
RT	261+92.23		288+00.00	12' RT	2607.77
RT	288+11.50		310+11.20	12' RT	2199.70
RT	310+00.00		314+47.12	12' RT	447.12
RT	315+21.07		367+39.42	12' RT	5218.35
RT	368+13.36		413+14.73	12' RT	4501.37
RT	414+33.36		416+62.04	12' RT	228.68
RT	417+31.89		421+03.50	12' RT	371.61
SUBTOTAL					27520.00
LT	139+81.50		139+97.40	12' LT	15.90
LT	140+00.00		153+37.73	12' LT	1337.73
LT	154+39.75		190+00.00	12' LT	3560.25
LT	189+95.90		207+26.37	12' LT	1730.47
LT	208+09.98		259+90.74	12' LT	5180.76
LT	260+84.85		288+00.00	12' LT	2715.15
LT	288+11.50		310+11.20	12' LT	2199.70
LT	310+00.00		313+81.67	12' LT	381.67
LT	314+71.27		416+18.25	12' LT	10146.98
LT	417+65.57		420+66.27	12' LT	300.70
SUBTOTAL					27569.31
TOTAL					55089.31
USE					55090.0

WORK ZONE PAVEMENT MARKING REMOVAL

WHITE EOP LINE					70301000 WORK ZONE PAVEMENT MARKING REMOVAL
	STATION	to	STATION	OFFSET	SQ FT
RT	139+81.50		139+97.40	12' RT	5.30
RT	140+00.00		153+43.51	12' RT	447.84
RT	154+21.25		190+00.00	12' RT	1192.92
RT	189+95.90		208+14.70	12' RT	606.27
RT	208+91.93		260+80.37	12' RT	1729.48
RT	261+92.23		288+00.00	12' RT	869.26
RT	288+11.50		310+11.20	12' RT	733.23
RT	310+00.00		314+47.12	12' RT	149.04
RT	315+21.07		367+39.42	12' RT	1739.45
RT	368+13.36		413+14.73	12' RT	1500.46
RT	414+33.36		416+62.04	12' RT	76.23
RT	417+31.89		421+03.50	12' RT	123.87
SUBTOTAL					9173.33
LT	139+81.50		139+97.40	12' LT	5.30
LT	140+00.00		153+37.73	12' LT	445.91
LT	154+39.75		190+00.00	12' LT	1186.75
LT	189+95.90		207+26.37	12' LT	576.82
LT	208+09.98		259+90.74	12' LT	1726.92
LT	260+84.85		288+00.00	12' LT	905.05
LT	288+11.50		310+11.20	12' LT	733.23
LT	310+00.00		313+81.67	12' LT	127.22
LT	314+71.27		416+18.25	12' LT	3382.33
LT	417+65.57		420+66.27	12' LT	100.23
SUBTOTAL					9189.77
TOTAL					18363.10
USE					18364.0

PAINT PAVEMENT MARKING - LINE 4"

WHITE EOP LINE				78001110 PAINT PAVEMENT MARKING - LINE 4"	
	STATION	to	STATION	OFFSET	FT
RT	139+81.50		139+97.40	12' RT	15.90
RT	140+00.00		153+43.51	12' RT	1343.51
RT	154+21.25		190+00.00	12' RT	3578.75
RT	189+95.90		208+14.70	12' RT	1818.80
RT	208+91.93		260+80.37	12' RT	5188.44
RT	261+92.23		288+00.00	12' RT	2607.77
RT	288+11.50		310+11.20	12' RT	2199.70
RT	310+00.00		314+47.12	12' RT	447.12
RT	315+21.07		367+39.42	12' RT	5218.35
RT	368+13.36		413+14.73	12' RT	4501.37
RT	414+33.36		416+62.04	12' RT	228.68
RT	417+31.89		421+03.50	12' RT	371.61
SUBTOTAL					27520.00
LT	139+81.50		139+97.40	12' LT	15.90
LT	140+00.00		153+37.73	12' LT	1337.73
LT	154+39.75		190+00.00	12' LT	3560.25
LT	189+95.90		207+26.37	12' LT	1730.47
LT	208+09.98		259+90.74	12' LT	5180.76
LT	260+84.85		288+00.00	12' LT	2715.15
LT	288+11.50		310+11.20	12' LT	2199.70
LT	310+00.00		313+81.67	12' LT	381.67
LT	314+71.27		416+18.25	12' LT	10146.98
LT	417+65.57		420+66.27	12' LT	300.70
SUBTOTAL					27569.31
YELLOW CL SKIP-DASH					
CL	139+81.50		139+97.40	0'	3.97
CL	140+00.00		153+82.71	0'	345.68
CL	153+82.71		190+00.00	0'	904.32
CL	189+95.90		288+00.00	0'	2451.03
CL	288+11.50		310+11.20	0'	549.93
CL	310+00.00		421+03.50	0'	2775.88
SUBTOTAL					7030.80
USE					7040.00
YELLOW NO PASSING EASTBOUND					
CL	318+56.00		329+32.00	0' RT	1076.00
CL	350+51.00		360+33.00	0' RT	982.00
CL	396+61.00		406+05.00	0' RT	944.00
SUBTOTAL					3002.00
YELLOW NO PASSING WESTBOUND					
CL	139+81.50		139+97.40	0' LT	15.90
CL	140+00.00		141+31.00	0' LT	131.00
CL	329+32.00		340+34.00	0' LT	1102.00
CL	361+18.00		371+04.00	0' LT	986.00
CL	388+86.00		395+47.00	0' LT	661.00
SUBTOTAL					2895.90
TOTAL					68027.21
USE					68028.0

GRATING FOR CONCRETE HEADWAL NO 2

LOCATION			X0327692 GRATING FOR CONCRETE HEADWAL NO 2
	STATION	S.N.	EACH
RT	294+95.00	010-8071	1.0
LT	294+95.00	010-8071	1.0
TOTAL			2.0

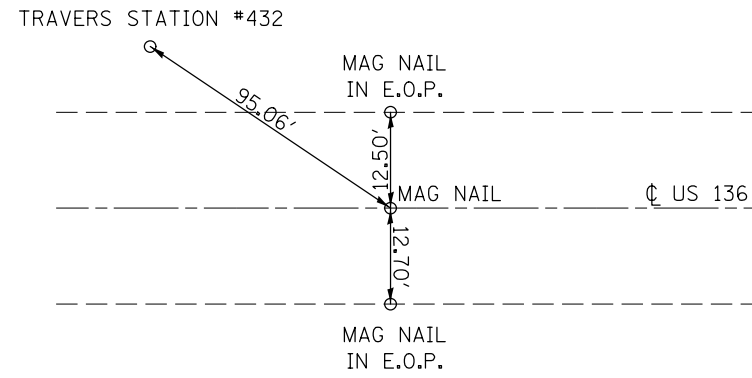
PERMANENT BENCH MARKS

LOCATION				Z0038700 PERMANENT BENCH MARKS
	STATION	S.N.	OFFSET (FT)	EACH
RT	212+55.50	010-8169	20.5	1.0
TOTAL				1.0

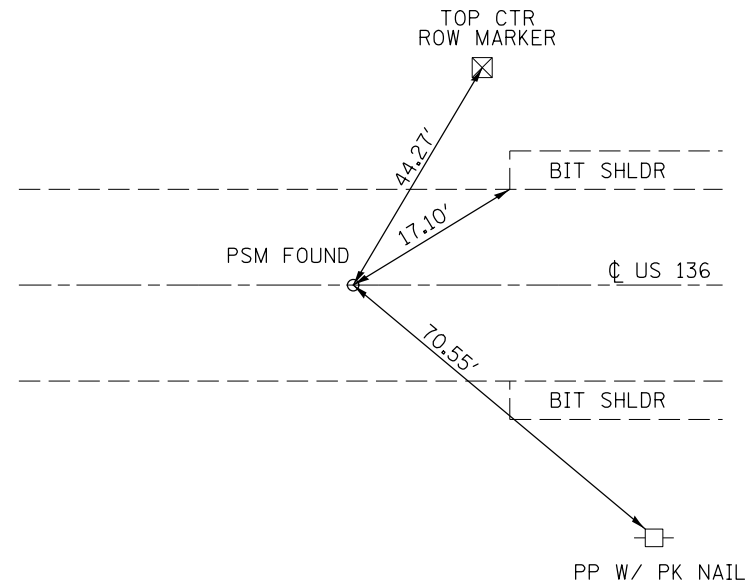
CHANGEABLE MESSAGE SIGN

LOCATION			X7015005 CHANGEABLE MESSAGE SIGN
S.N.	DIRECTION		CAL DA
010-8169	EASTBOUND	BEFORE REPLACEMENT	3.0
010-8169	EASTBOUND	DURING REPLACEMENT	2.0
010-8169	WESTBOUND	BEFORE REPLACEMENT	3.0
010-8169	WESTBOUND	DURING REPLACEMENT	2.0
TOTAL			10.0

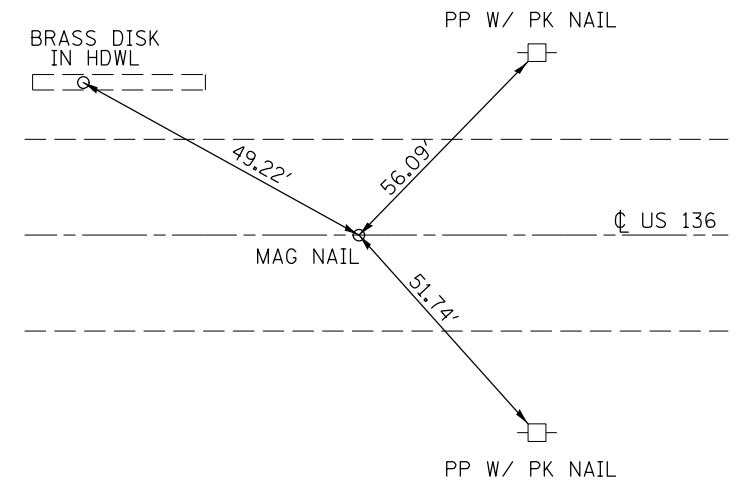
P.C.
STA. 144 + 73.77



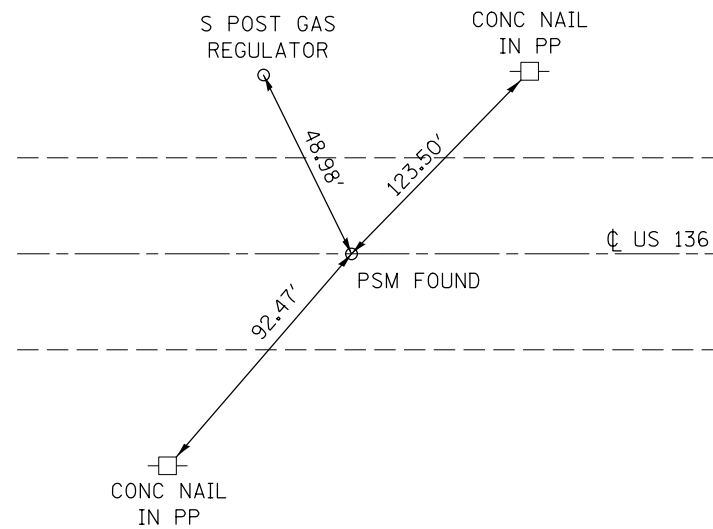
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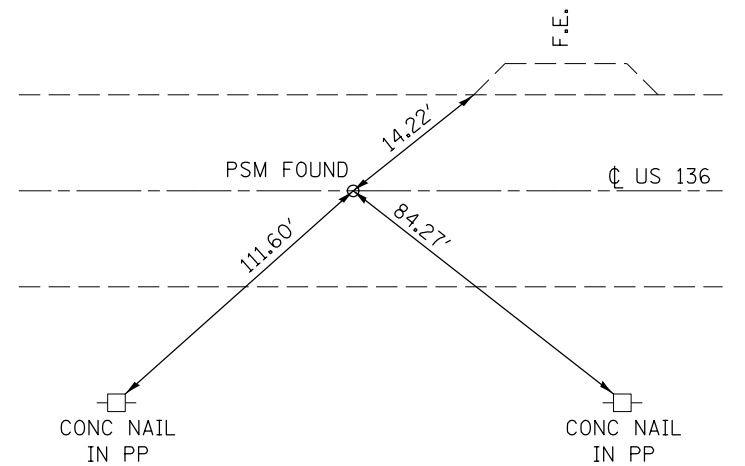
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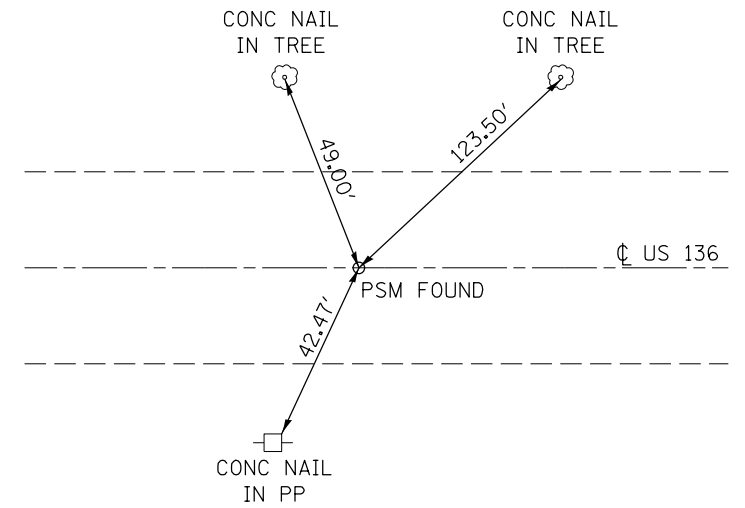
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P.I. KINK
STA. 236 + 03.94



P.I. KINK
STA. 258 + 85.84



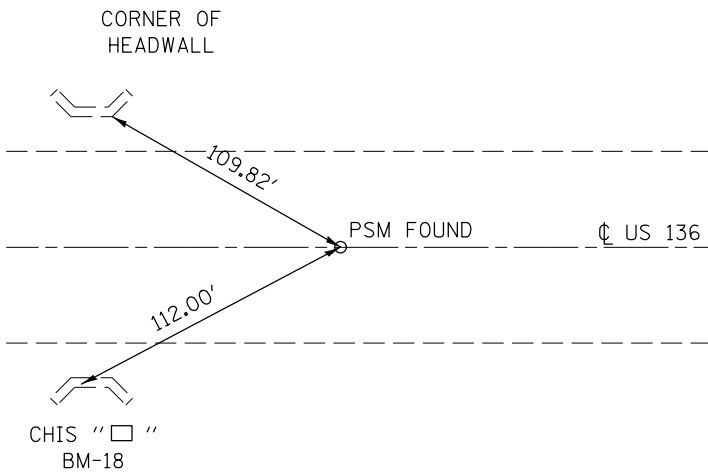
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

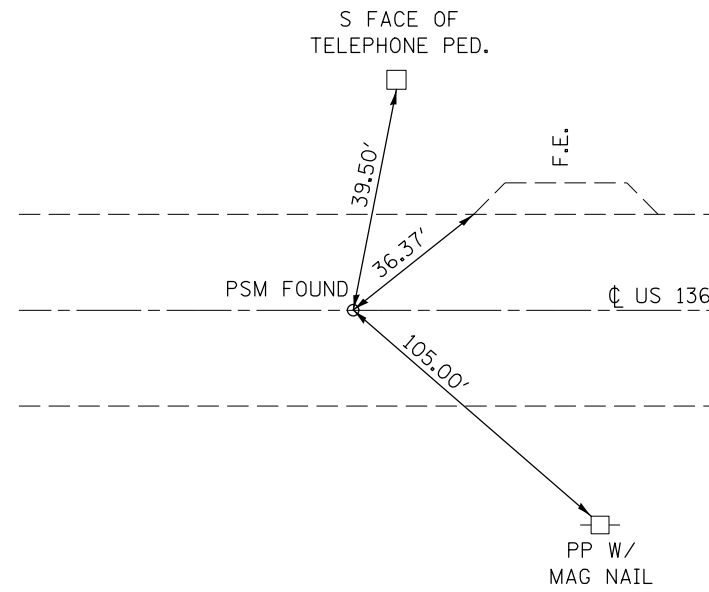
TIE POINTS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	25
				CONTRACT NO. 70985
ILLINOIS FED. AID PROJECT				

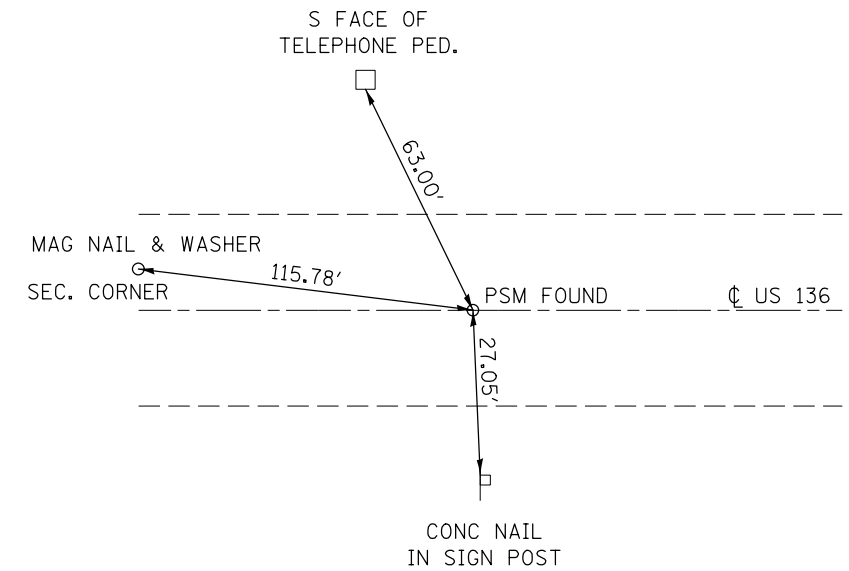
P.I. KINK
STA. 276 + 04.76



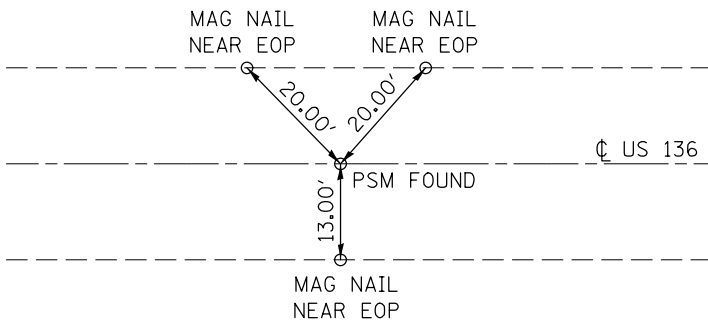
P.I. KINK
STA. 282 + 14.70



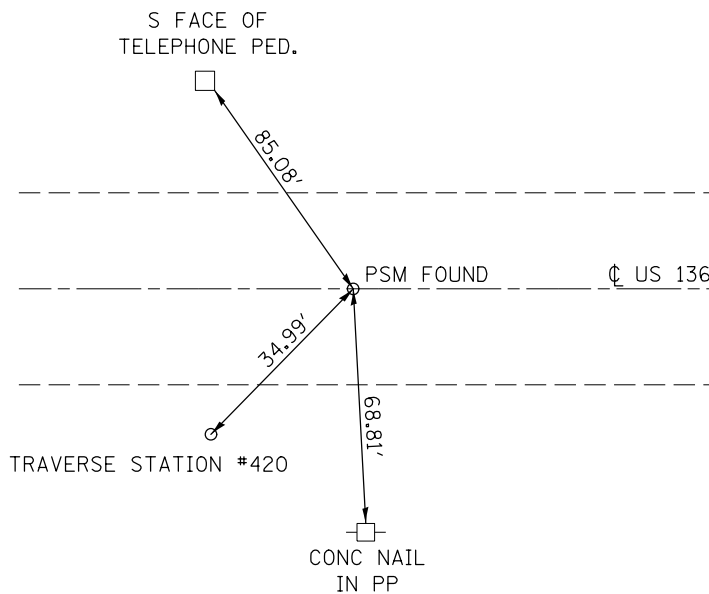
P.I. KINK
STA. 316 + 07.33



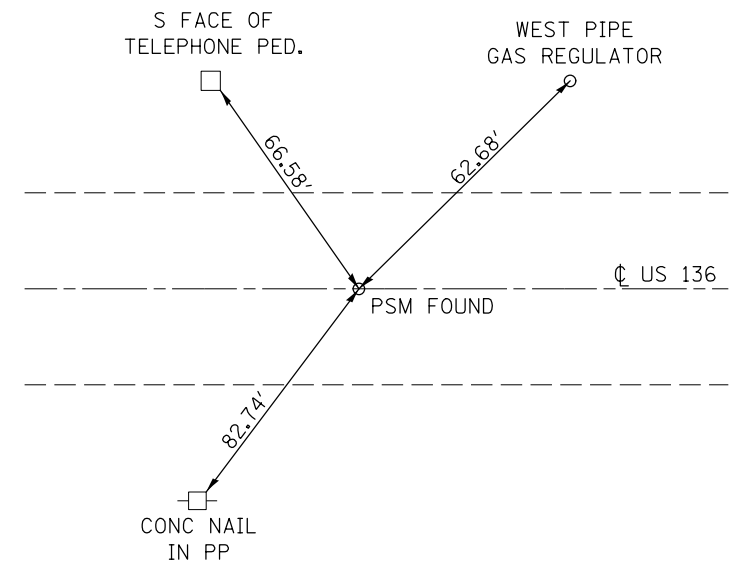
P.I. KINK
STA. 363 + 19.32



P.I. KINK
STA. 376 + 17.83



P.I. KINK
STA. 398 + 81.68



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	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	26
CONTRACT NO. 70985				
ILLINOIS FED. AID PROJECT				

BM #4659-5 CHISELED "X" ON BOLT IN THE MIDDLE OF THE WORD ALBERT & VILLE ON TOP RIM OF FIRE HYDRANT SOUTH SIDE OF US 136. STA 139+26.30, 40.71' RT, ELEV 720.238

BM #4659-6 CHISELED SQUARE ON WEST HEADWALL OF FIELD ENTERANCE IN SW QUAD OF TR 1800E & US 136. STA 153+30.25, 28.86' RT, ELEV 718.838

BM #4659-7 CHISELED SQUARE ON WEST HEADWALL OF FIELD ENTERANCE ACROSS US 136 FROM HOUSE WITH SIGN READING "RANTOUL FIRE DISTRICT 1811 3000N". STA 160+36.14, 25.21' LT, ELEV 718.958

BM #4659-8 ALUMINUM DISK IN TOP OF SW WINGWALL ON BRIDGE STR. #252. STA 173+84.37, 18.31' RT, ELEV 719.441

BM #4659-9 CHISELED SQUARE ON HEADWALL AT EAST END OF FIELD ENTRANCE. STA 182+32.01, 23.43' RT, ELEV 717.277

BM #4659-10 CHISELED SQUARE ON HEADWALL SOUTH END OF SKEWED A. R. B. C. STA 189+47.57, 19.66' RT, ELEV 714.711

BM #4659-11 CHISELED SQUARE ON CORNER OF WEST HEADWALL OF FIELD ENTRANCE. STA 198+41.44, 25.89' RT, ELEV 717.632

BM #4659-13 CHISELED SQUARE ON SOUTH HEADWALL OF A. R. B. C. IN FRONT OF BELL HELMET SHIPPING & RECEIVING. STA 212+62.24, 20.30' RT, ELEV 718.627

BM #4659-15 CHISELED SQUARE ON TOP OF WEST HEADWALL OF PRIVATE ENTRANCE SHARED BY 2 RESIDENCES @ HOUSE #1959 3000N. STA 238+88.97, 24.72' RT, ELEV 720.567

BM #4659-16 ALUMINUM DISK ON TOP OF WINGWALL ON THE NE CORNER OF A. R. B. C. STR. #2019. STA 253+19.82, 18.14' LT, ELEV 724.443

BM #4659-17 2" ALUMINUM CAP ON REBAR SET 10' NE OF POWER POLE & 9' SE OF MAILBOX & 12' NW OF ASH TREE. STA 260+70.94, 32.82' RT, ELEV 728.533

BM #4659-18 CHISELED SQUARE ON SOUTH HEADWALL OF A. R. B. C. 0.5MI WEST OF BRIDGE #257. STA 274+95.44, 24.20' RT, ELEV 724.800

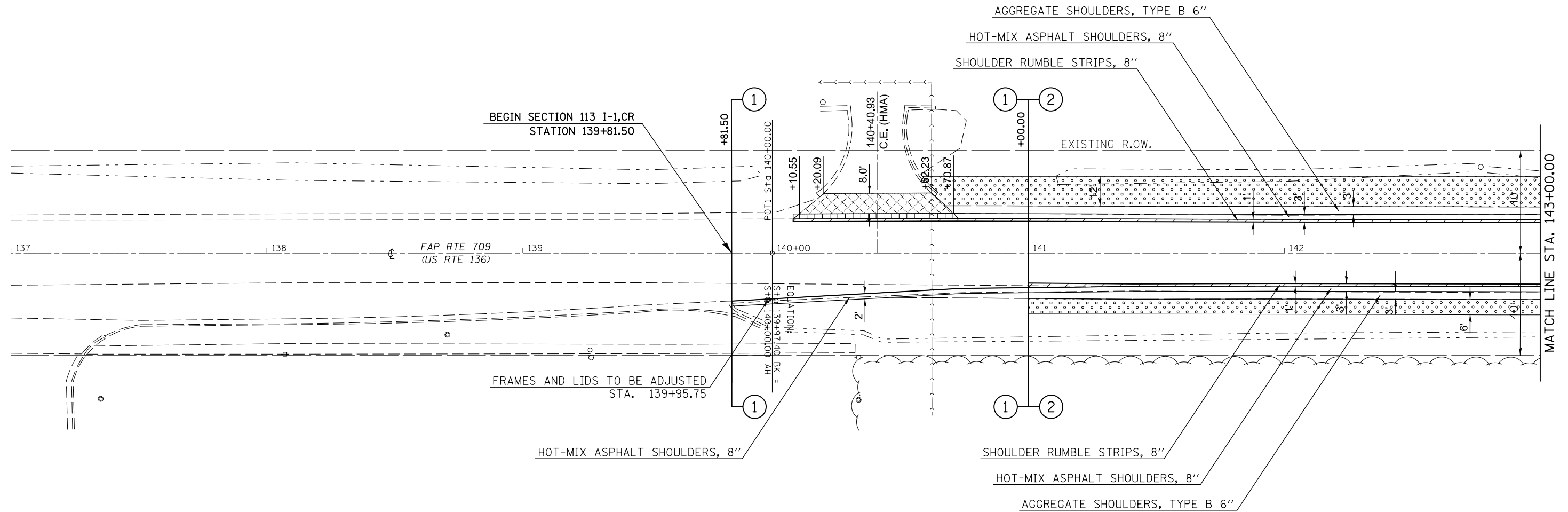
BM #4659-19 CHISELED SQUARE ON NORTH HEADWALL OF A. R. B. C. 0.3MI WEST OF BRIDGE #257. STA 284+26.25, 27.48' LT, ELEV 721.587

BM #4659-20 BRASS DISK ON TOP SW WINGWALL OF BRIDGE STR #010-0257. STA 299+53.00, 17.19' RT, ELEV 728.116

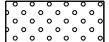

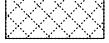
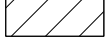
BM #4659-21 CHISELED SQUARE ON EAST HEADWALL OF ENTRANCE CULVERT 500' WEST OF 2100E. GIFFORD F.P.D. 2088/3000N. STA 308+40.06, 31.48' LT, ELEV 725.343

BM #4659-22 CHISELED SQUARE ON WEST HEADWALL OF SIDE ROAD CULVERT ON 2100E. STA 314+01.07, 29.69' LT, ELEV 736.864

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHMARKS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0309603\0570985-sht-ATB.dgn	DRAWN -	REVISIED -	REVISED -						709	113 I-1,CR	CHAMPAIGN	252	27
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70985								
	PLOT DATE = 10/17/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



FRAMES AND LIDS TO BE ADJUSTED
STA. 139+95.75

-  SEEDING, CLASS 2A
-  DRIVEWAY PAVEMENT REMOVAL
-  HOT-MIX ASPHALT REMOVAL, SPECIAL
-  PAVED SHOULDER REMOVAL

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pw\work\p1dot\ceerlockjd\0309603\0570985-sht-P1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/17/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

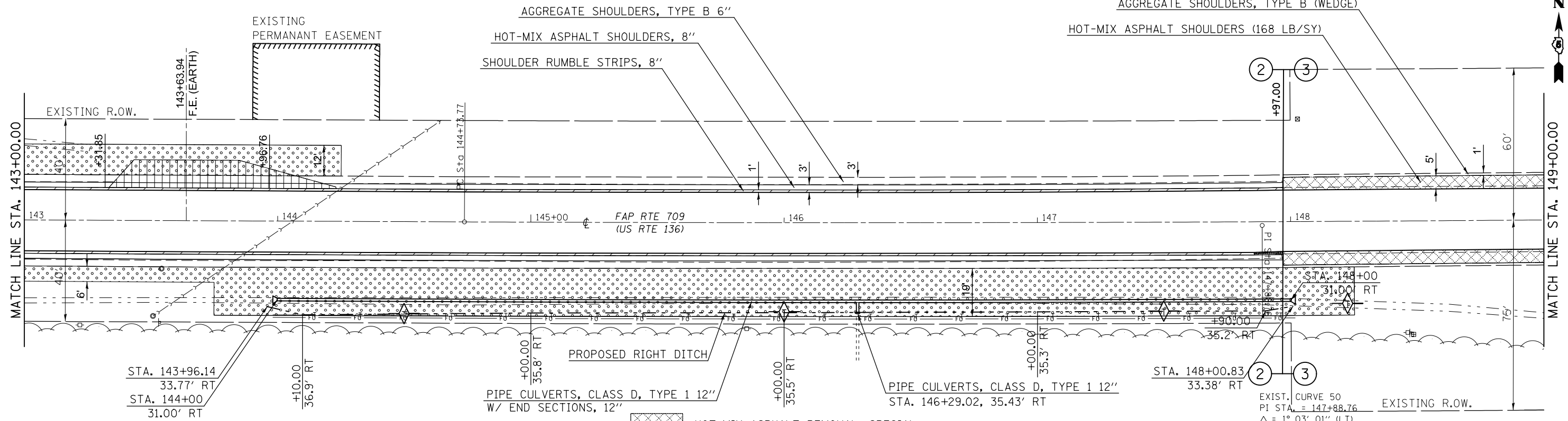
PLAN SHEET

SCALE: SHEET OF SHEETS STA. 137+00.00 TO STA. 143+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	CHAMPAIGN	252	28
				CONTRACT NO. 70985
ILLINOIS FED. AID PROJECT				

AGGREGATE SHOULDERS, TYPE B (WEDGE)
HOT-MIX ASPHALT SHOULDERS (168 LB/SY)

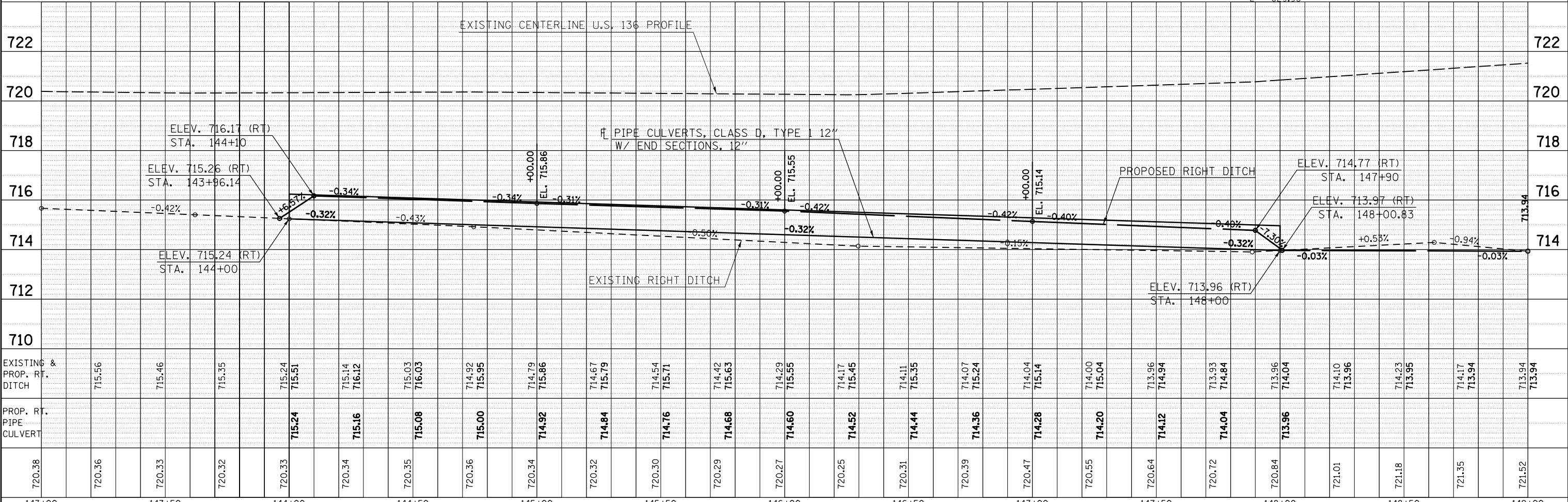
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	BY	
	NOTED	
	CHECKED	
	FILED	
	NO.	



TEMPORARY DITCH CHECK
 DRIVEWAY PAVEMENT REMOVAL
 HOT-MIX ASPHALT REMOVAL, SPECIAL
 PAVED SHOULDER REMOVAL (8" DEPTH)
 SEEDING, CLASS 2A

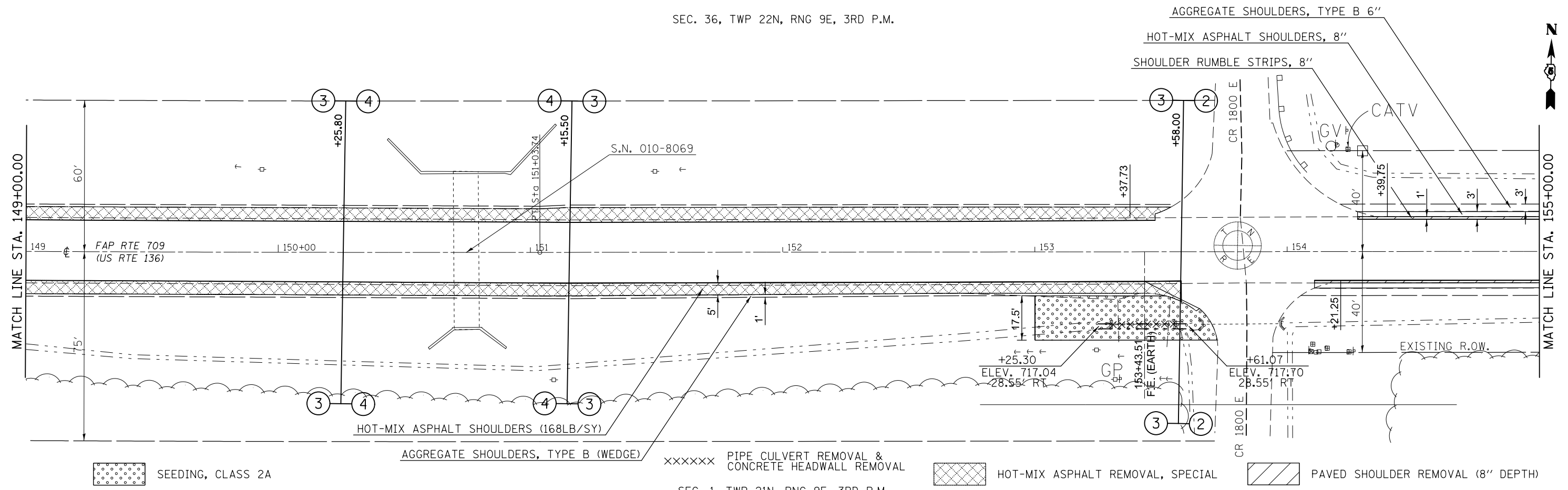
EXIST. CURVE 50
 PI STA. = 147+88.76
 $\Delta = 1^\circ 03' 01''$ (LT)
 $D = 0^\circ 10' 00''$
 $R = 34,366.33'$
 $T = 314.99'$
 $L = 629.96'$

PROFILE	SURVEYED	DATE
	BY	
	NOTED	
	CHECKED	
	FILED	
	NO.	

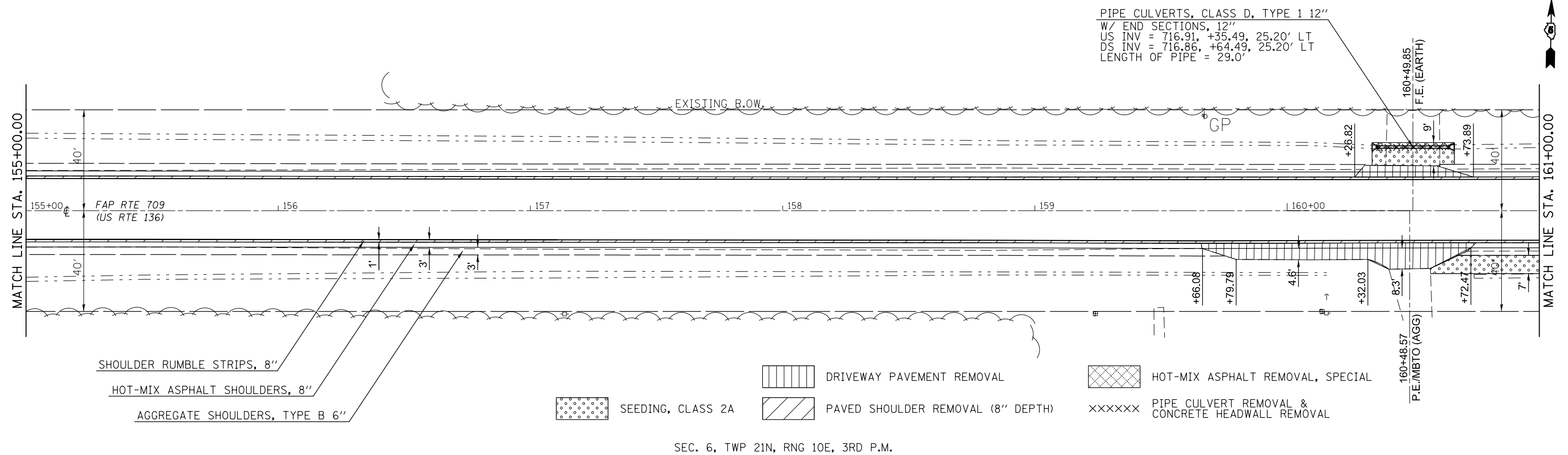


EXISTING & PROP. RT. DITCH	715.56	715.46	715.35	715.24	715.51	715.14	716.12	715.03	716.03	714.92	715.95	714.79	715.86	714.67	715.79	714.54	715.71	714.42	715.63	714.29	715.55	714.17	715.45	714.11	715.35	714.07	715.24	714.04	715.14	714.00	715.04	713.96	714.94	713.93	714.84	713.96	714.04	714.10	713.96	714.23	713.95	714.17	713.94	713.94	713.94				
PROP. RT. PIPE CULVERT					715.24	715.16	715.08	715.00	714.92	714.84	714.76	714.68	714.60	714.52	714.44	714.36	714.28	714.20	714.12	714.04	713.96																												
	720.38	720.36	720.33	720.32	720.33	720.34	720.35	720.36	720.36	720.34	720.32	720.30	720.29	720.27	720.25	720.31	720.39	720.47	720.55	720.64	720.72	720.84	721.01	721.18	721.35	721.52																							
	143+00	143+50	144+00	144+50	145+00	145+50	146+00	146+50	147+00	147+50	148+00	148+50	149+00																																				

SEC. 36, TWP 22N, RNG 9E, 3RD P.M.



SEC. 31, TWP 22N, RNG 10E, 3RD P.M.



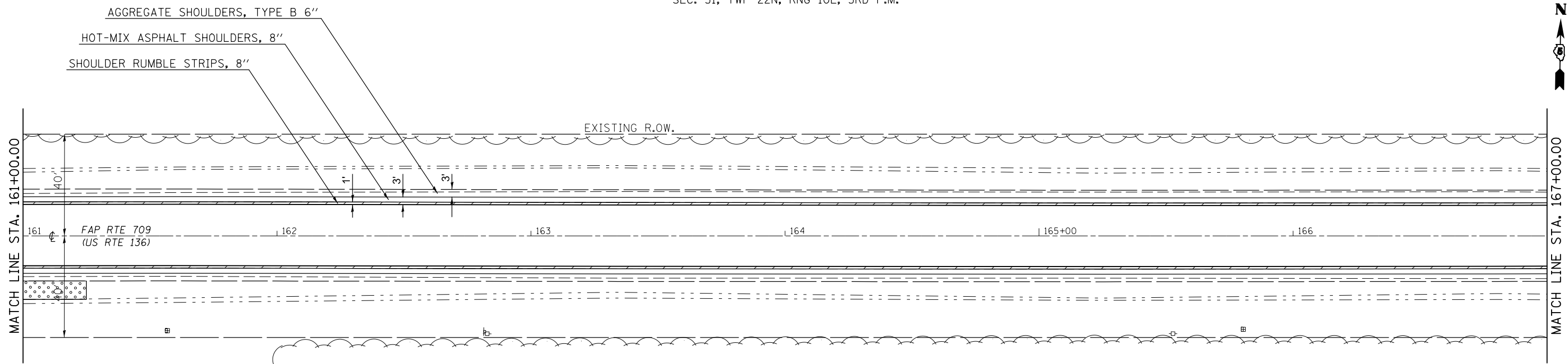
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		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 10/17/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

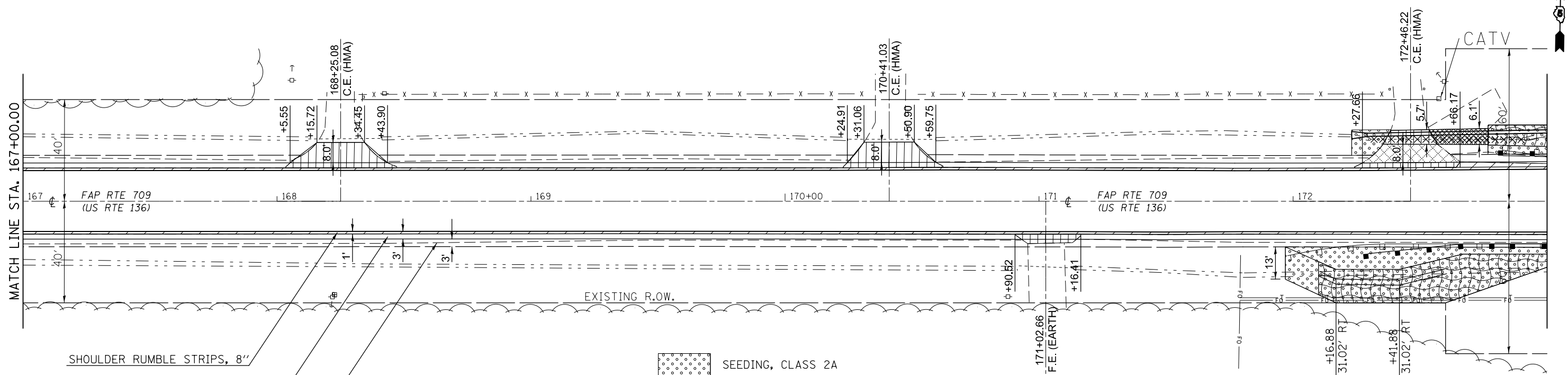
PLAN SHEET

SCALE: SHEET OF SHEETS STA. 149+00.00 TO STA. 161+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	30
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	



PAVED SHOULDER REMOVAL (8" DEPTH)



SEEDING, CLASS 2A
 EROSION CONTROL BLANKET
 DRIVEWAY PAVEMENT REMOVAL
 PAVED SHOULDER REMOVAL (8" DEPTH)
 HOT-MIX ASPHALT REMOVAL, SPECIAL
 xxxxxx PIPE CULVERT REMOVAL

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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#MODELNAME#	PLOT DATE = 10/17/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
 SCALE: SHEET OF SHEETS STA. 161+00.00 TO STA. 173+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	31
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

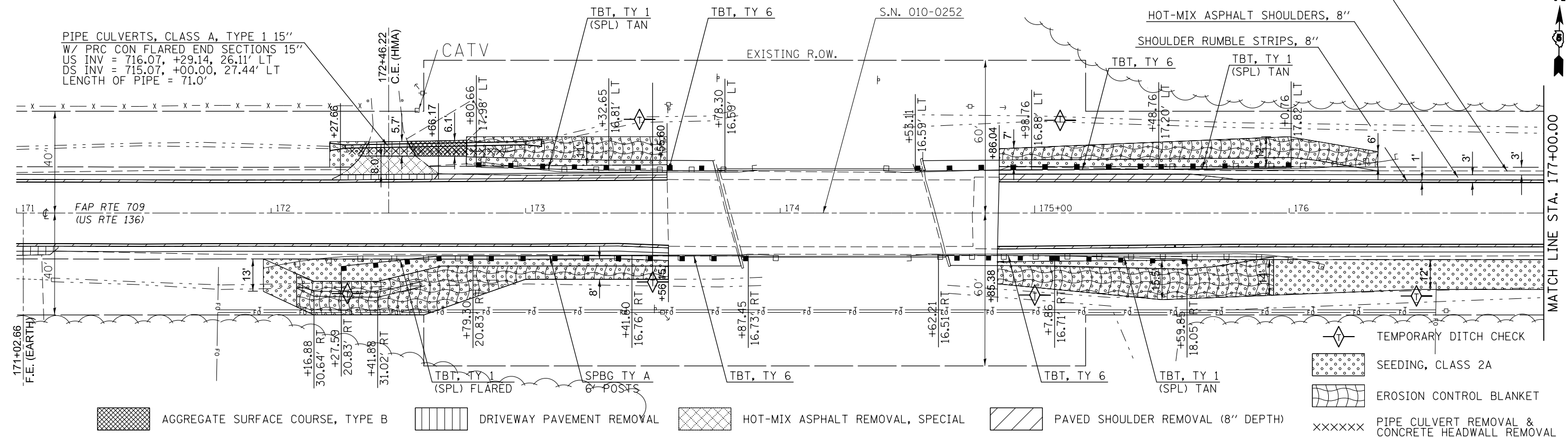
AGGREGATE SHOULDERS, TYPE B 6"

HOT-MIX ASPHALT SHOULDERS, 8"

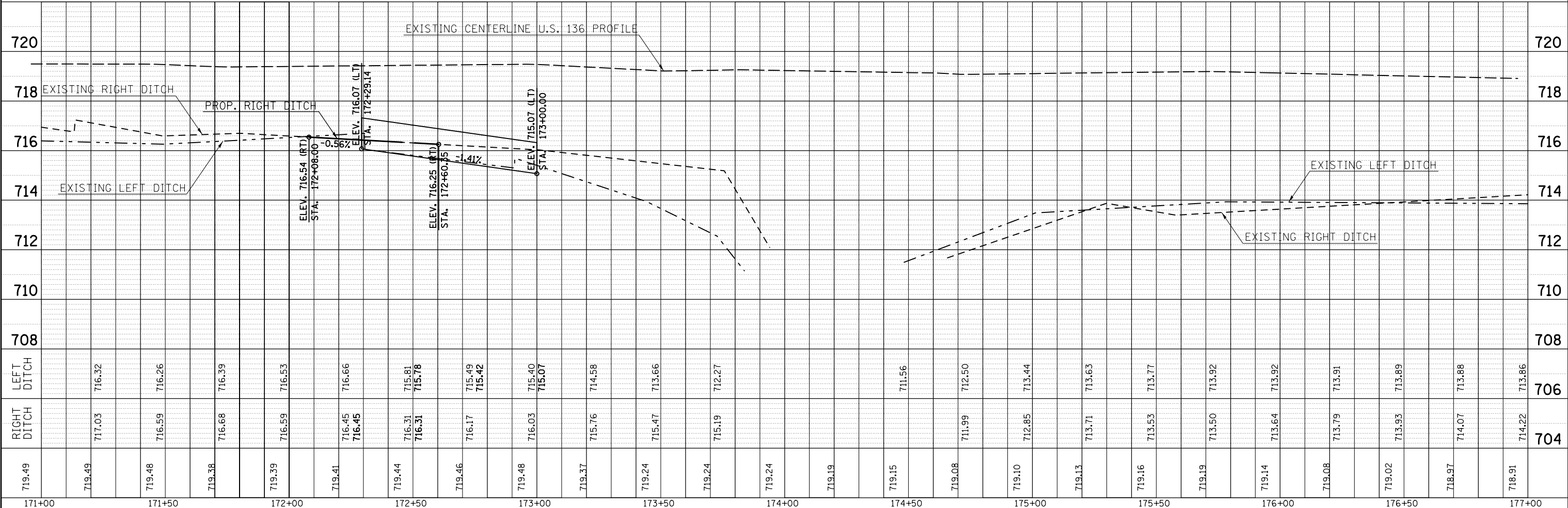
SHOULDER RUMBLE STRIPS, 8"



PIPE CULVERTS, CLASS A, TYPE 1 15"
W/ PRC CON FLARED END SECTIONS 15"
US INV = 716.07, +29.14, 26.11' LT
DS INV = 715.07, +00.00, 27.44' LT
LENGTH OF PIPE = 71.0'



MATCH LINE STA. 177+00.00

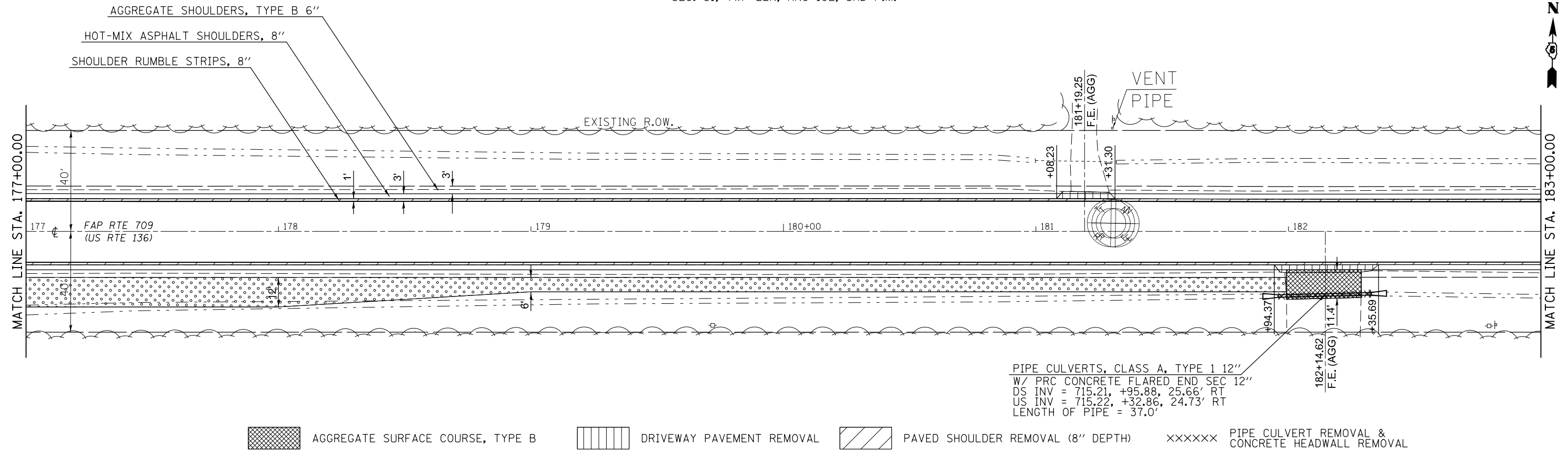


PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	
	NO. _____	
	DATE _____	

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\ceorlockjd\0309603\0570985-sht-Pln.dgn	DRAWN -	REVISED -	709			113 I-1,CR	CHAMPAIGN	252	32	
MODELNAMEs	CHECKED -	REVISED -	CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT				
PLOT SCALE = 40.0000' / in.	DATE -	REVISED -	SCALE:			SHEET	OF	SHEETS	STA. 171+00.00	TO STA. 177+00.00

SEC. 31, TWP 22N, RNG 10E, 3RD P.M.



AGGREGATE SURFACE COURSE, TYPE B

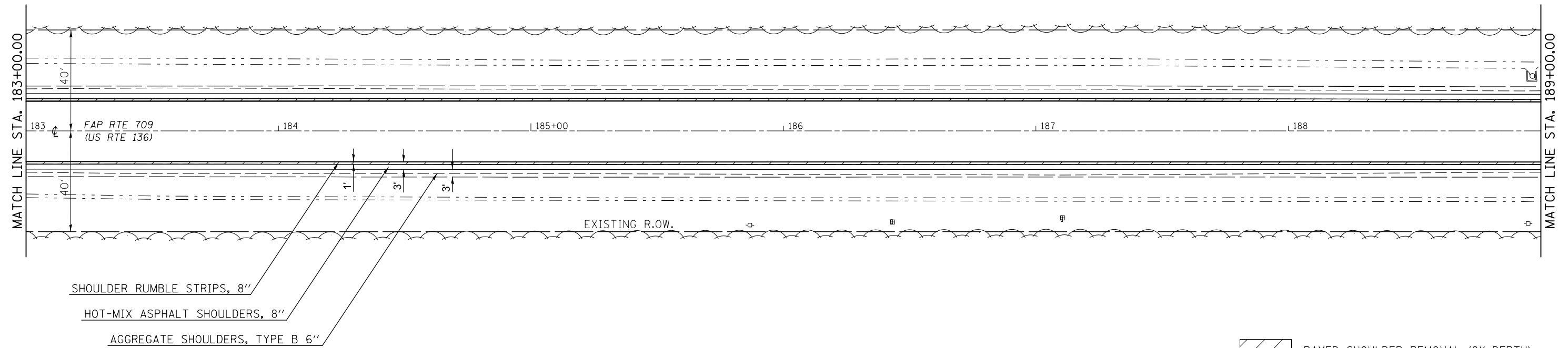
 DRIVEWAY PAVEMENT REMOVAL

 PAVED SHOULDER REMOVAL (8" DEPTH)

 PIPE CULVERT REMOVAL & CONCRETE HEADWALL REMOVAL

SEC. 6, TWP 21N, RNG 10E, 3RD P.M.

SEC. 31, TWP 22N, RNG 10E, 3RD P.M.

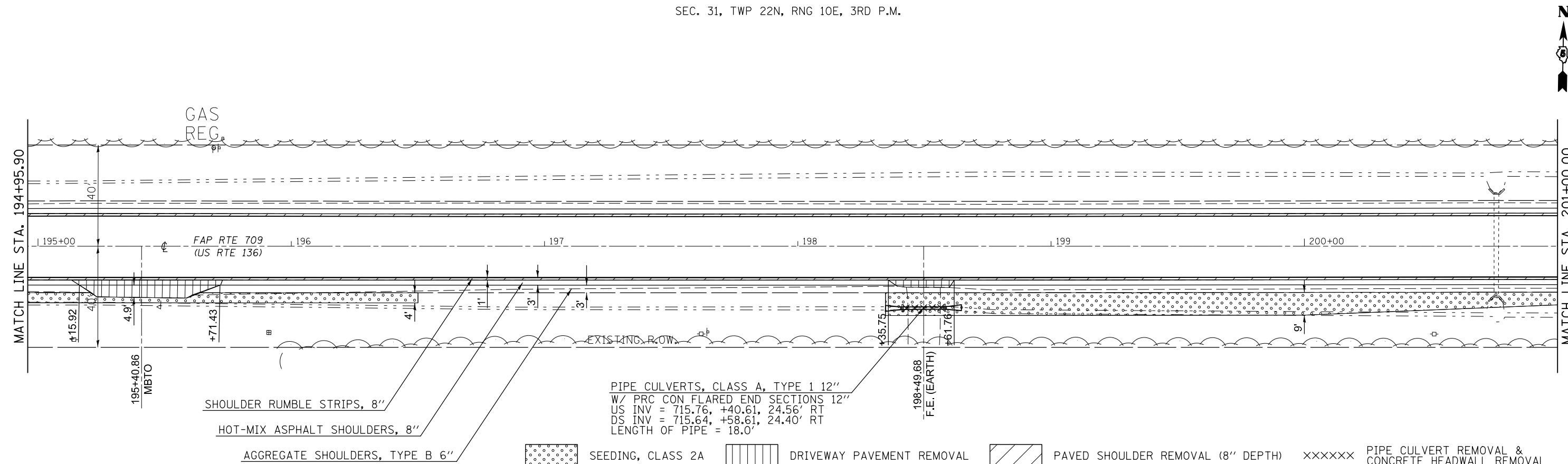
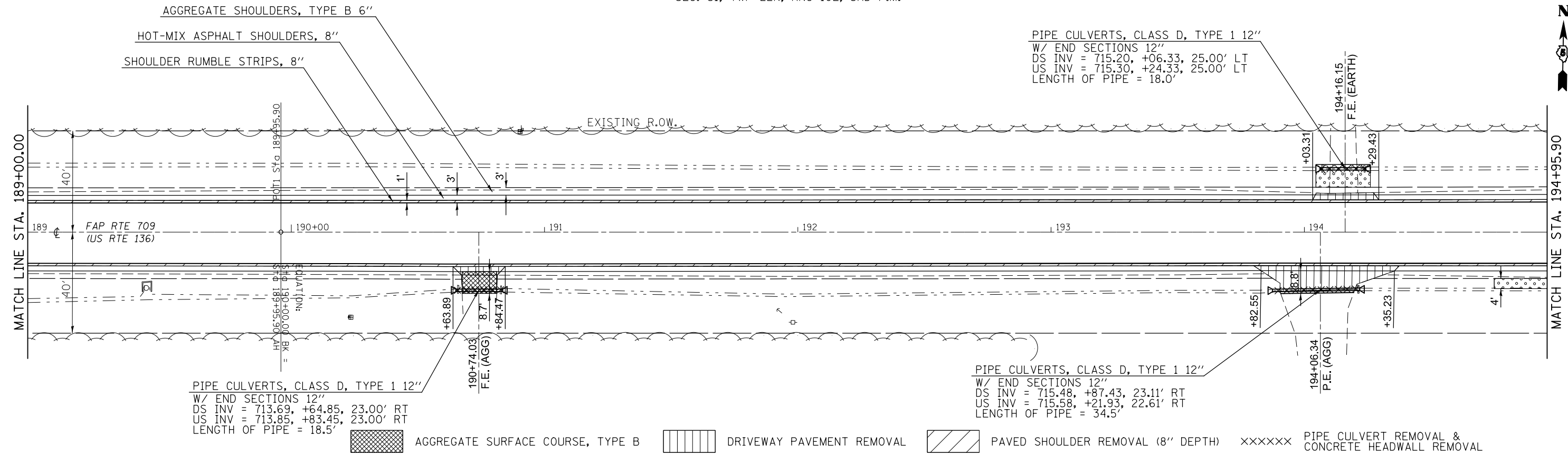


PAVED SHOULDER REMOVAL (8" DEPTH)

SEC. 6, TWP 21N, RNG 10E, 3RD P.M.

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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#MODELNAME#	PLOT DATE = 10/17/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: SHEET OF SHEETS STA. 177+00.00 TO STA. 189+00.00



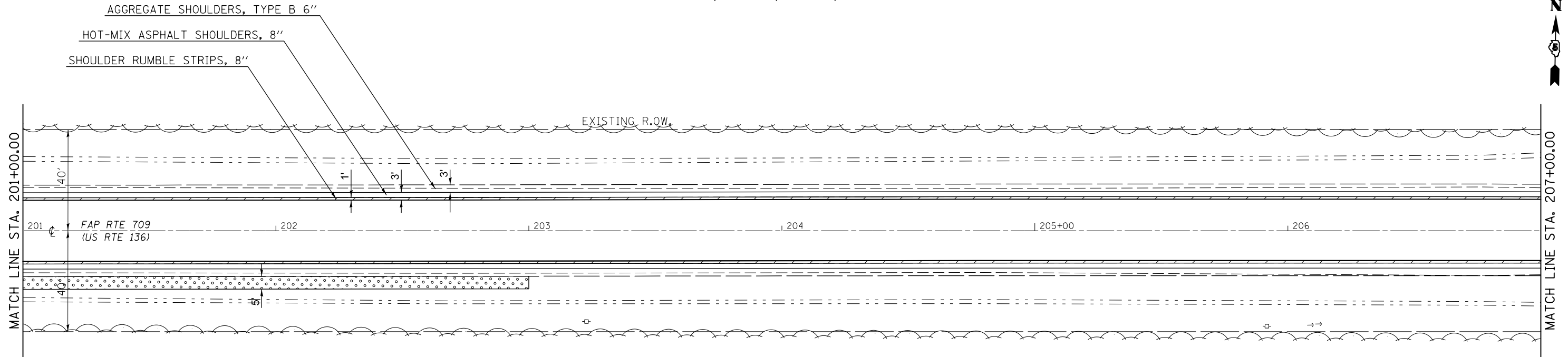
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		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 10/17/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

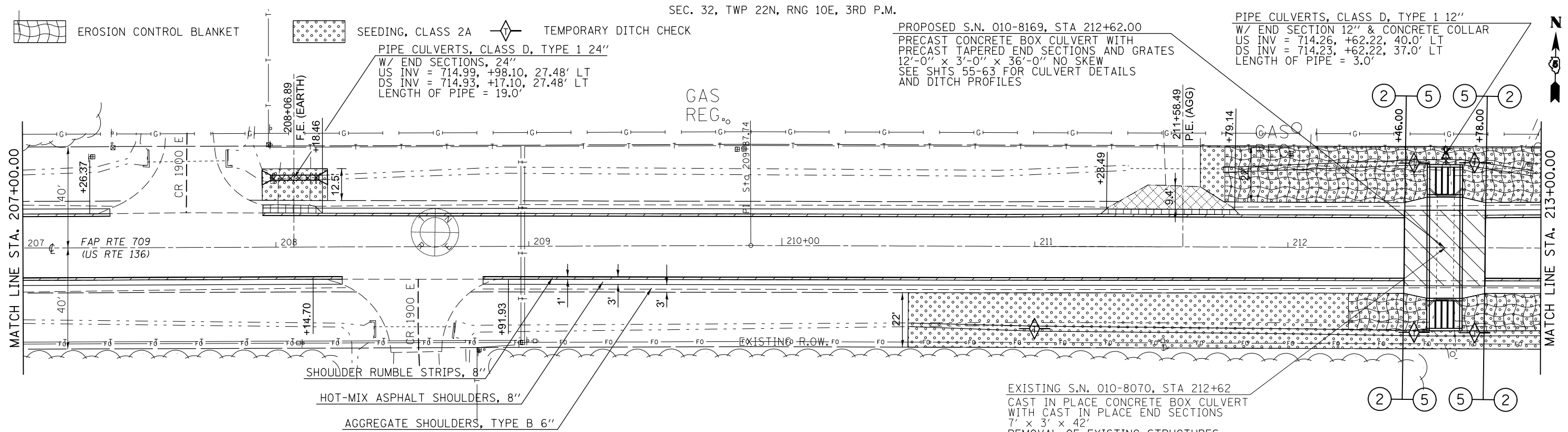
PLAN SHEET

SCALE: SHEET OF SHEETS STA. 189+00.00 TO STA. 201+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	34
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	



SEEDING, CLASS 2A PAVED SHOULDER REMOVAL (8" DEPTH)



EROSION CONTROL BLANKET SEEDING, CLASS 2A TEMPORARY DITCH CHECK
 CLASS D PATCHES, TYPE IV, 10 INCH DRIVEWAY PAVEMENT REMOVAL HOT-MIX ASPHALT REMOVAL, SPECIAL PAVED SHOULDER REMOVAL (8" DEPTH) PIPE CULVERT REMOVAL & CONCRETE HEADWALL REMOVAL

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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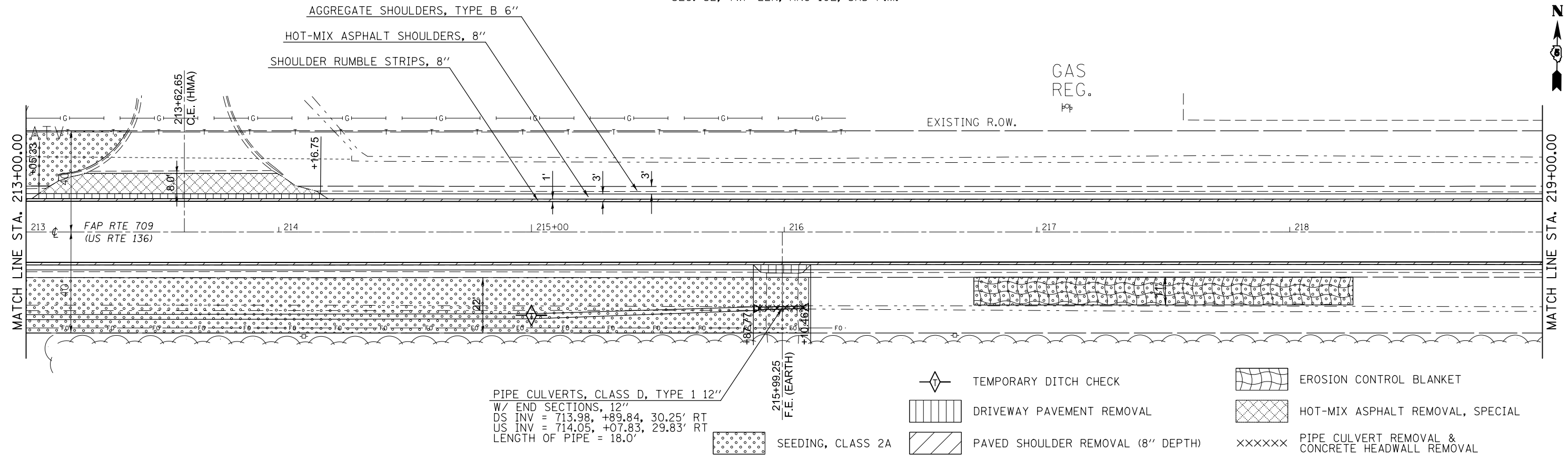
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET OF SHEETS STA. 201+00.00 TO STA. 213+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	35
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

SEC. 32, TWP 22N, RNG 10E, 3RD P.M.

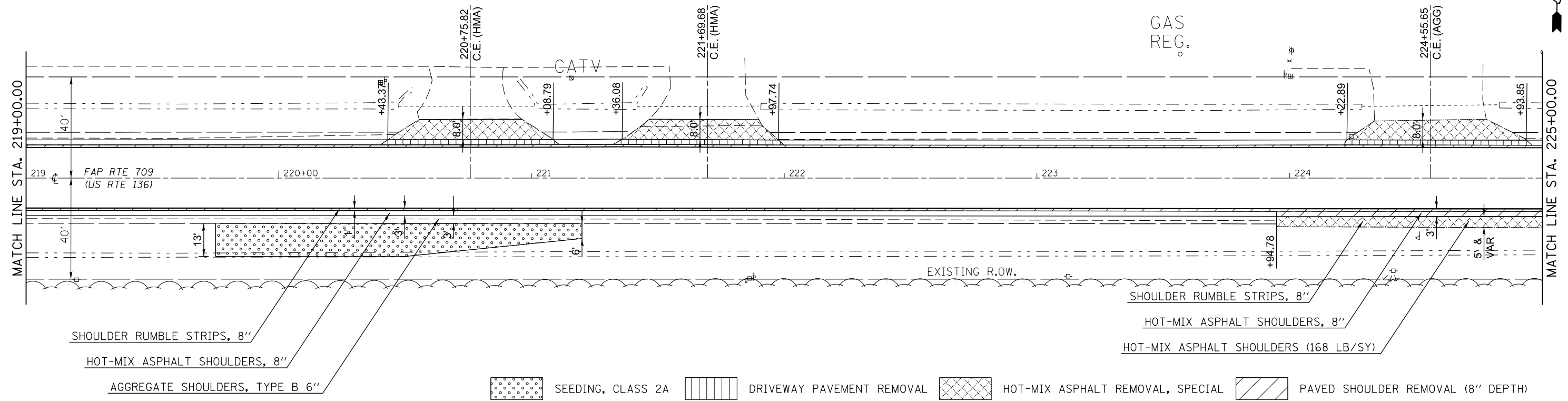


PIPE CULVERTS, CLASS D, TYPE 1 12"
 W/ END SECTIONS, 12"
 DS INV = 713.98, +89.84, 30.25' RT
 US INV = 714.05, +07.83, 29.83' RT
 LENGTH OF PIPE = 18.0'

- TEMPORARY DITCH CHECK
- DRIVEWAY PAVEMENT REMOVAL
- SEEDING, CLASS 2A
- EROSION CONTROL BLANKET
- HOT-MIX ASPHALT REMOVAL, SPECIAL
- PIPE CULVERT REMOVAL & CONCRETE HEADWALL REMOVAL

SEC. 5, TWP 21N, RNG 10E, 3RD P.M.

SEC. 32, TWP 22N, RNG 10E, 3RD P.M.



- SEEDING, CLASS 2A
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT REMOVAL, SPECIAL
- PAVED SHOULDER REMOVAL (8" DEPTH)

SEC. 5, TWP 21N, RNG 10E, 3RD P.M.

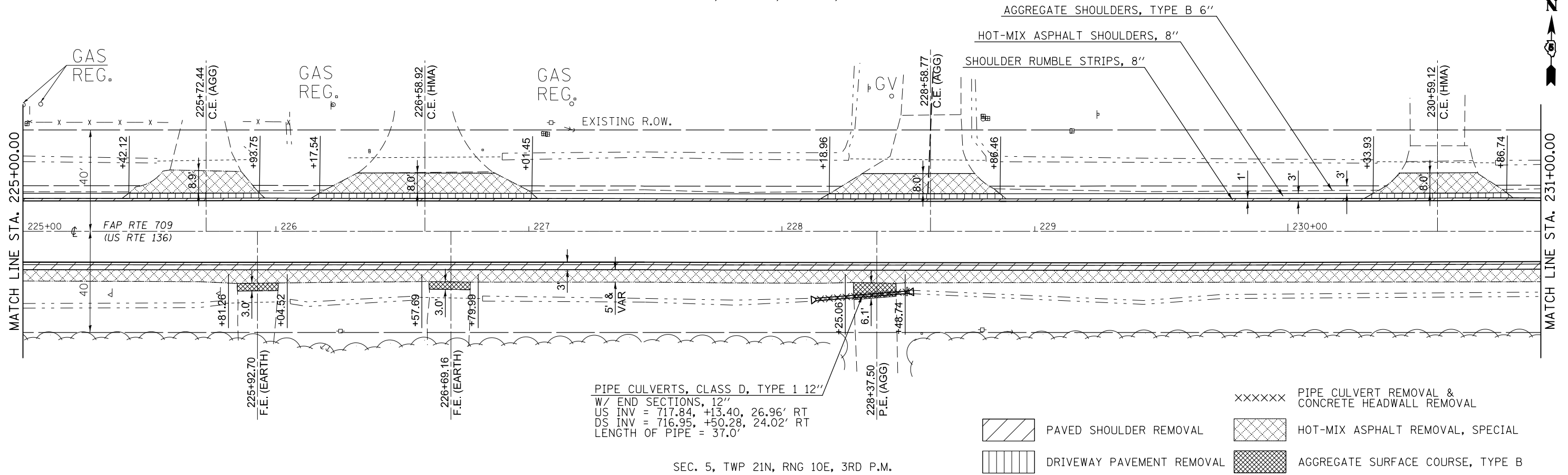
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

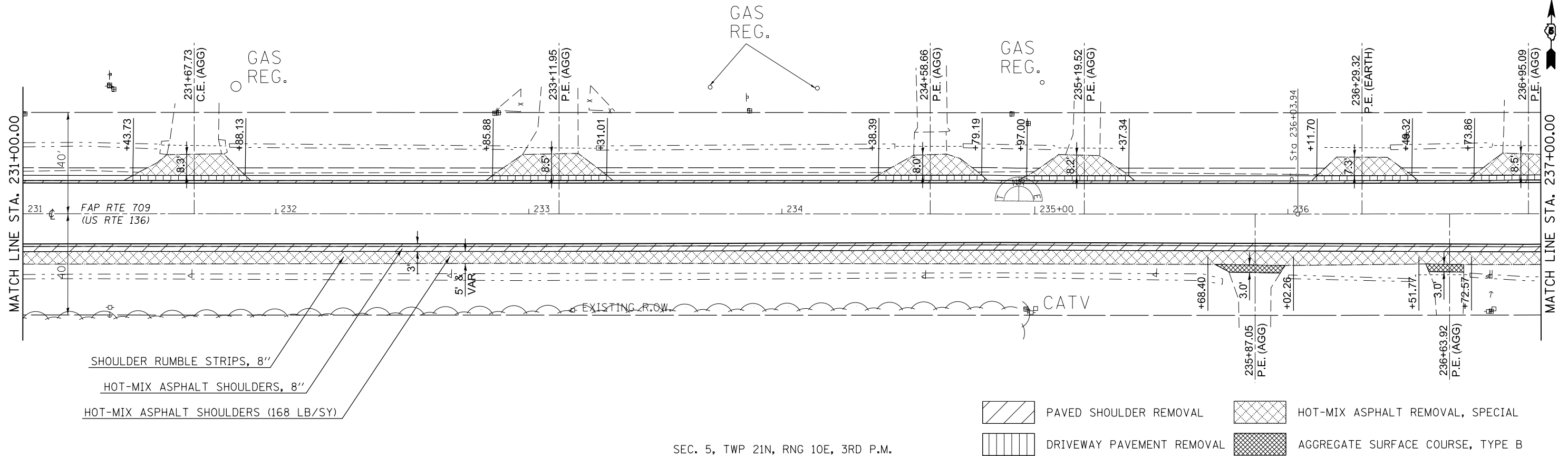
PLAN SHEET

SCALE: SHEET OF SHEETS STA. 213+00.00 TO STA. 225+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	36
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	



- XXXXXX PIPE CULVERT REMOVAL & CONCRETE HEADWALL REMOVAL
- [Hatched Box] PAVED SHOULDER REMOVAL
- [Cross-hatched Box] HOT-MIX ASPHALT REMOVAL, SPECIAL
- [Vertical Lines Box] DRIVEWAY PAVEMENT REMOVAL
- [Diagonal Lines Box] AGGREGATE SURFACE COURSE, TYPE B



- [Hatched Box] PAVED SHOULDER REMOVAL
- [Cross-hatched Box] HOT-MIX ASPHALT REMOVAL, SPECIAL
- [Vertical Lines Box] DRIVEWAY PAVEMENT REMOVAL
- [Diagonal Lines Box] AGGREGATE SURFACE COURSE, TYPE B

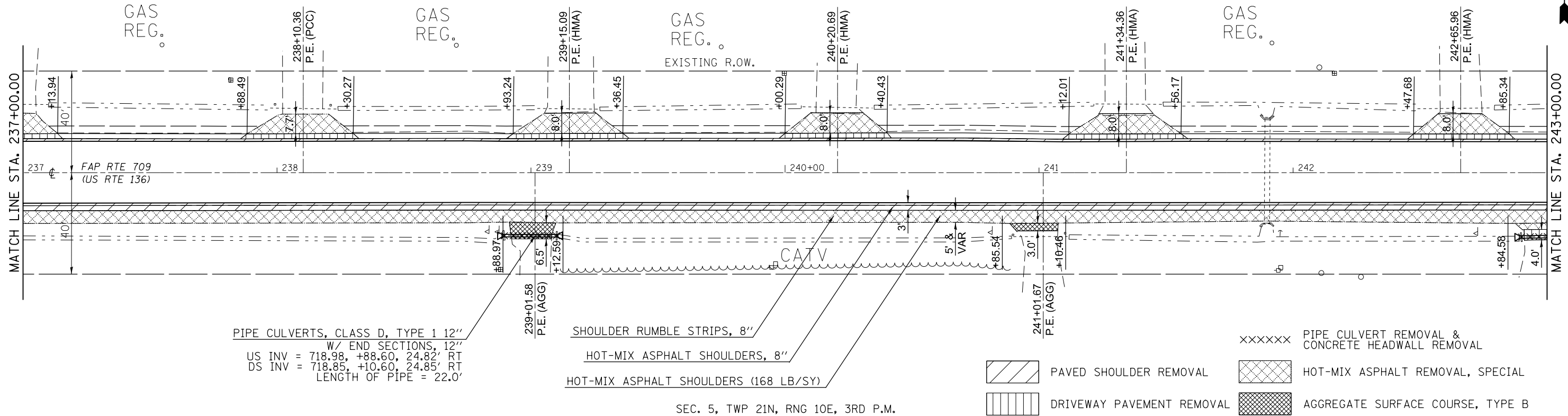
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

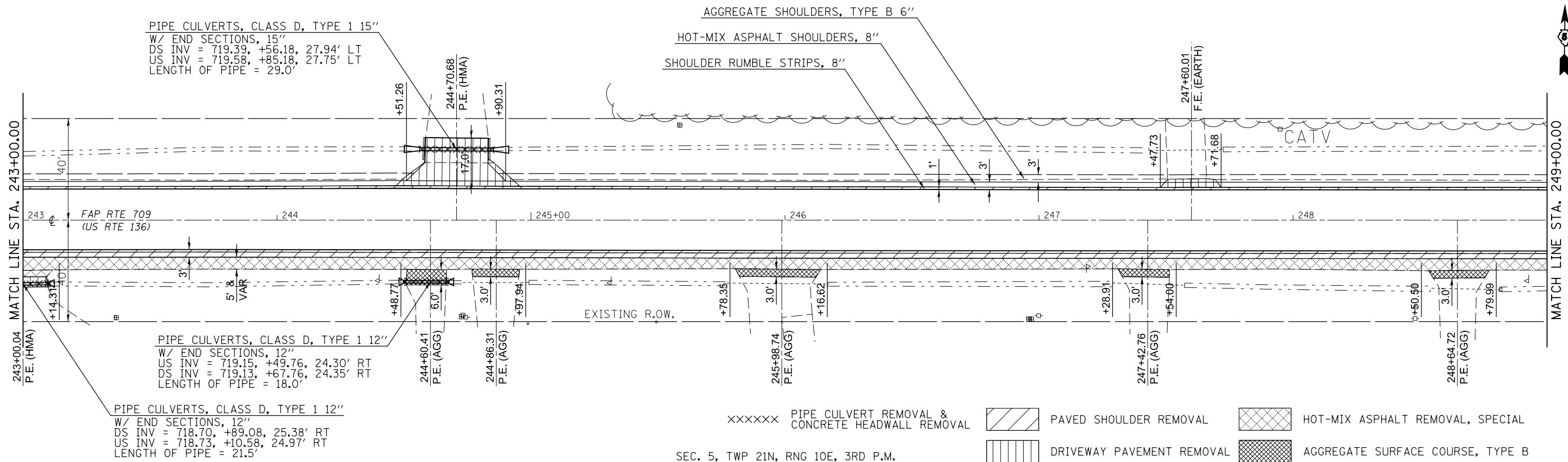
PLAN SHEET

SCALE: SHEET OF SHEETS STA. 225+00.00 TO STA. 237+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	37
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	



SEC. 5, TWP 21N, RNG 10E, 3RD P.M.



SEC. 5, TWP 21N, RNG 10E, 3RD P.M.

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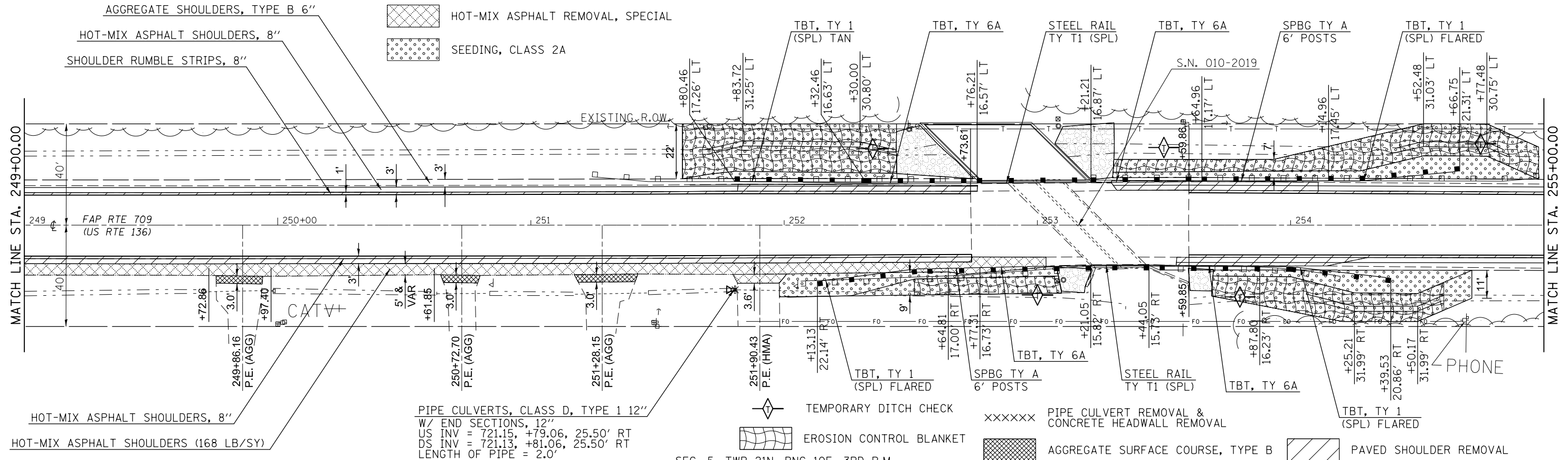
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

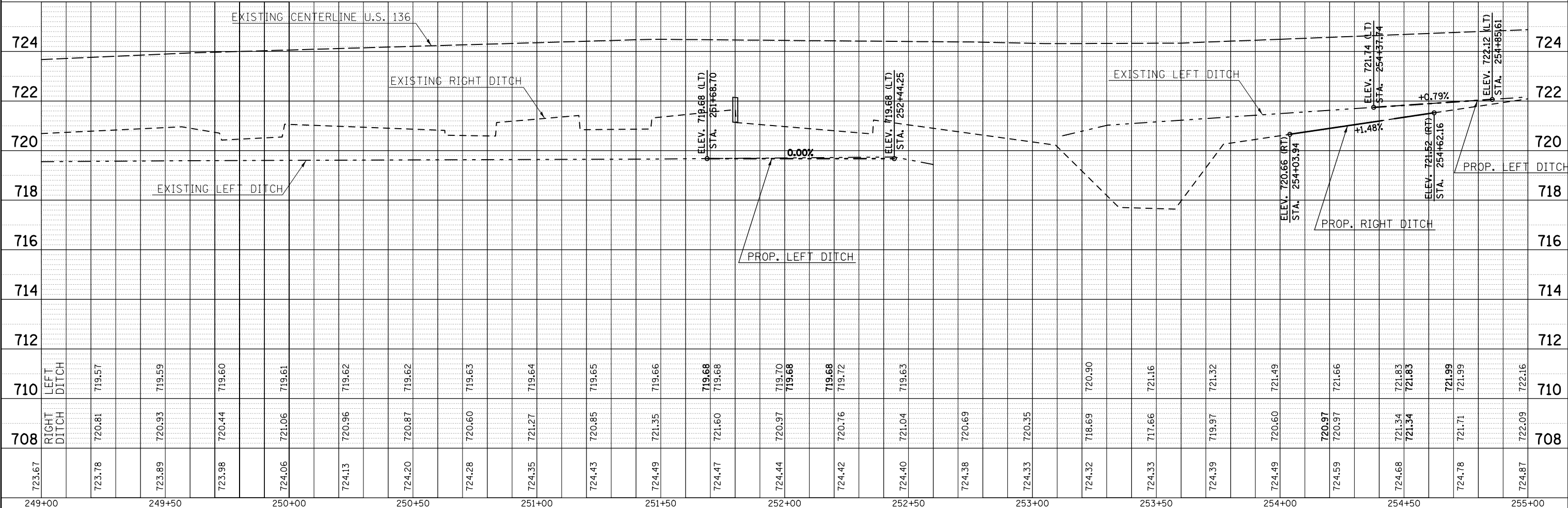
SCALE: SHEET OF SHEETS STA. 237+00.00 TO STA. 249+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	38
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

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	FILE NAME		

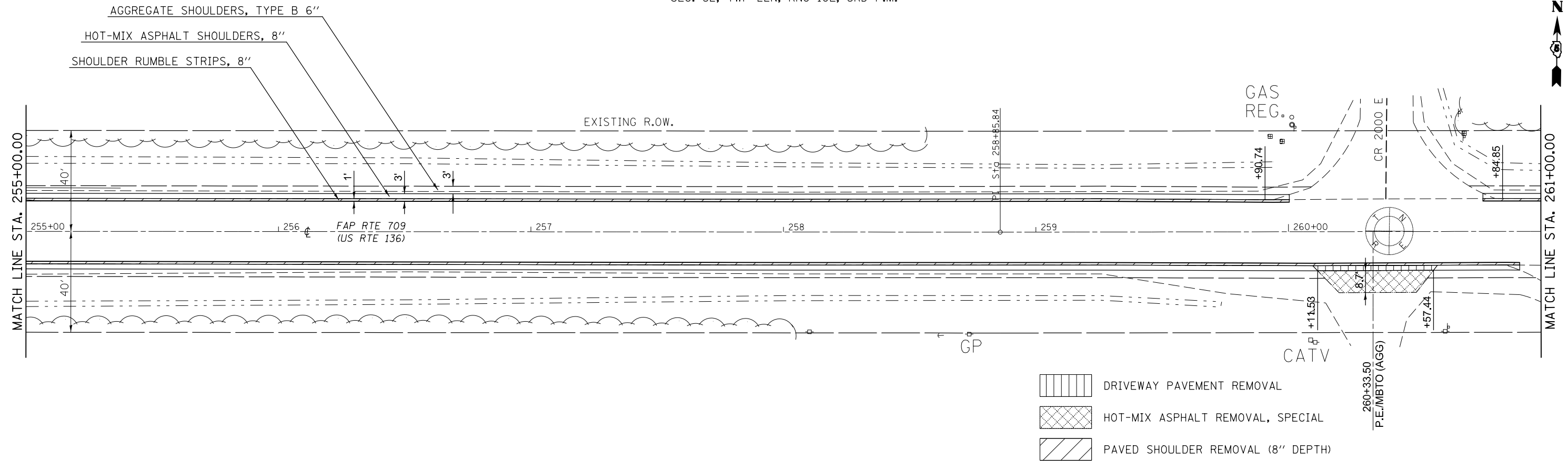


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
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	STRUCTURE		
	NOTATIONS		



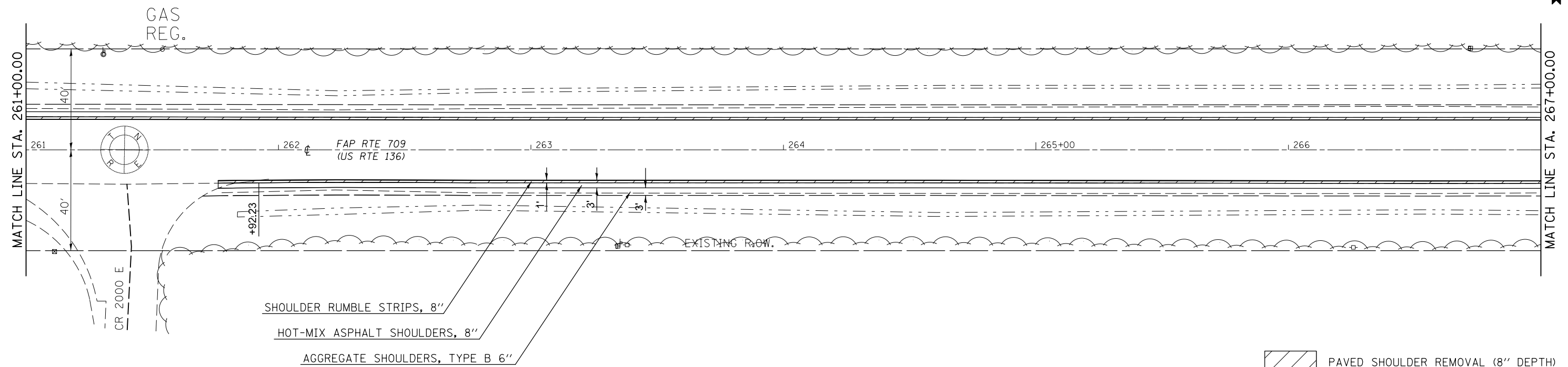
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70985							
PLOT DATE = 10/17/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

SEC. 32, TWP 22N, RNG 10E, 3RD P.M.



SEC. 5, TWP 21N, RNG 10E, 3RD P.M.

SEC. 33, TWP 22N, RNG 10E, 3RD P.M.



SEC. 4, TWP 21N, RNG 10E, 3RD P.M.

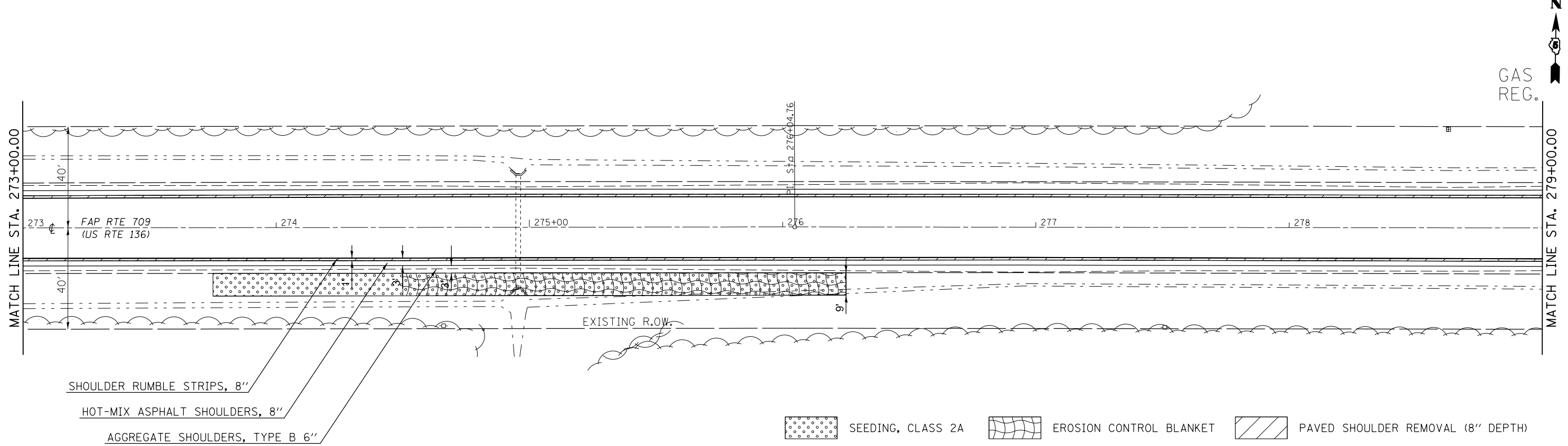
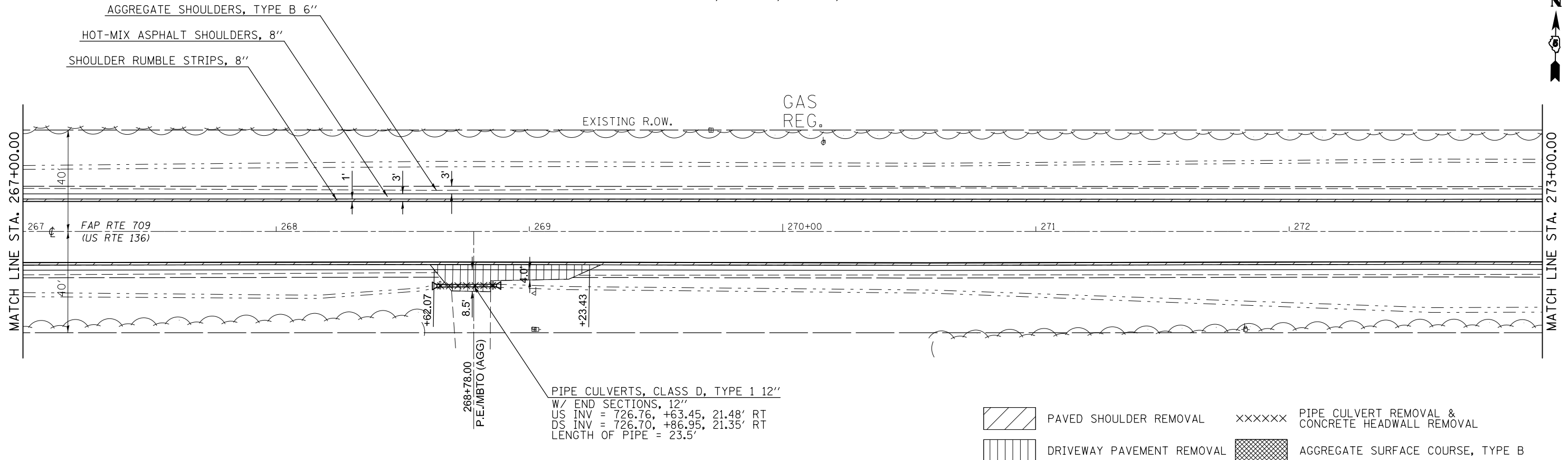
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#MODELNAME#	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET OF SHEETS STA. 255+00.00 TO STA. 267+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	40
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	



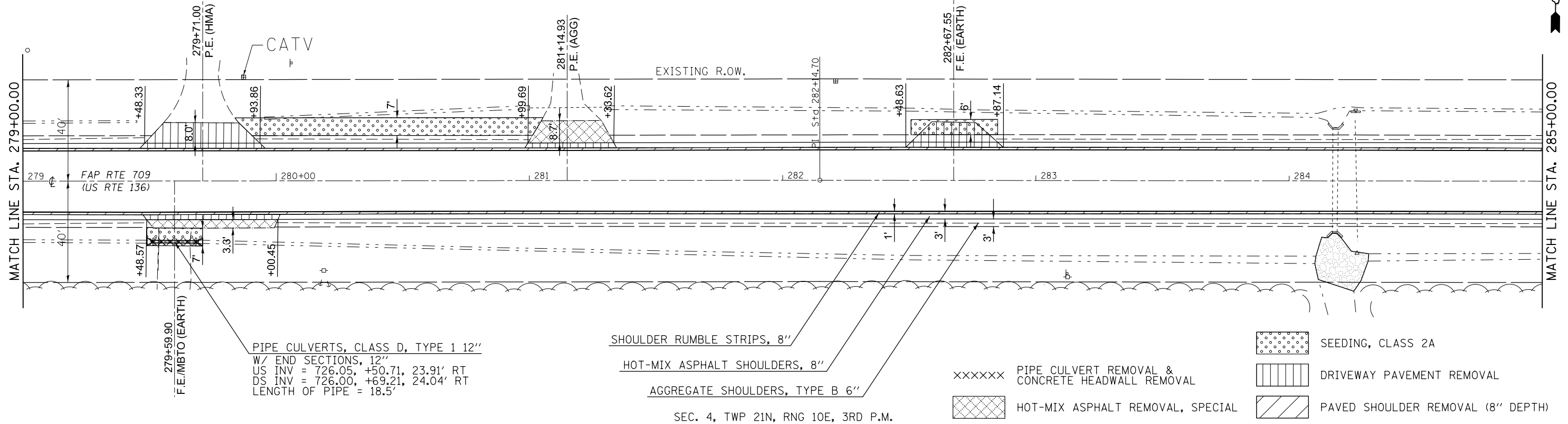
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#MODELNAME#	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

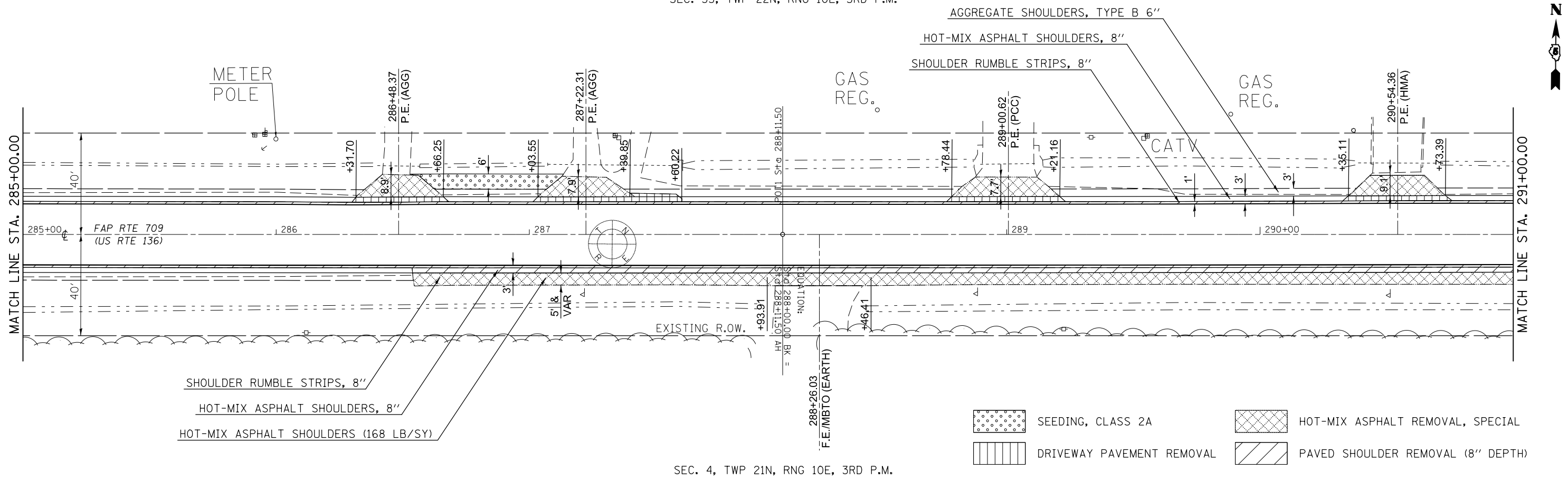
PLAN SHEET

SCALE: SHEET OF SHEETS STA. 267+00.00 TO STA. 279+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	41
CONTRACT NO. 70985				
ILLINOIS FED. AID PROJECT				



SEC. 4, TWP 21N, RNG 10E, 3RD P.M.



SEC. 4, TWP 21N, RNG 10E, 3RD P.M.

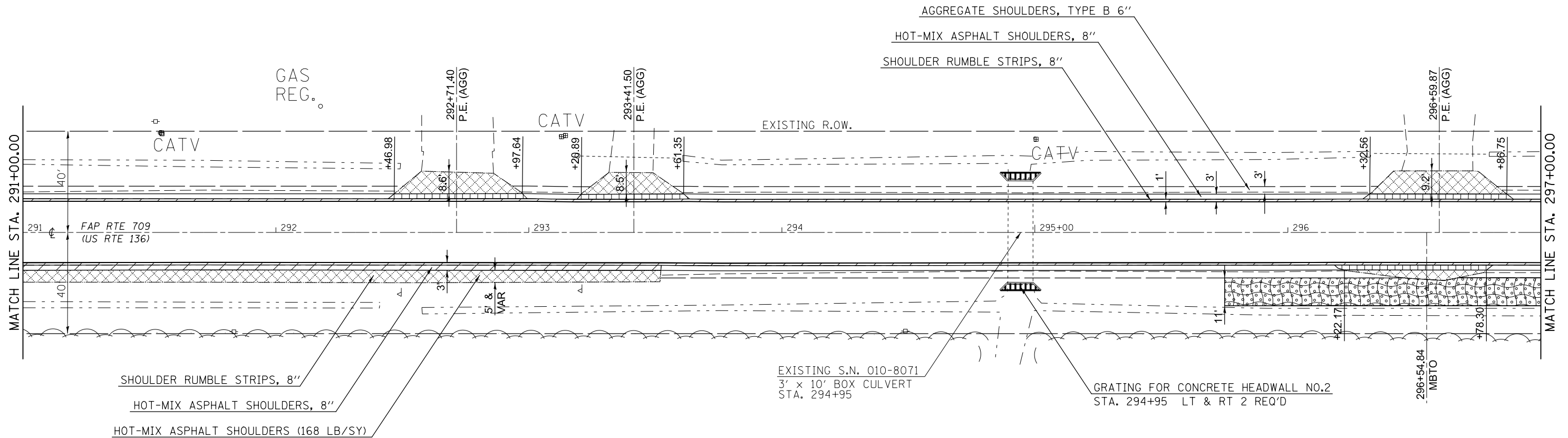
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#MODELNAME#	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET OF SHEETS STA. 279+00.00 TO STA. 291+00.00



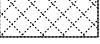

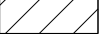
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	42
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				



SHOULDER RUMBLE STRIPS, 8"
 HOT-MIX ASPHALT SHOULDERS, 8"
 HOT-MIX ASPHALT SHOULDERS (168 LB/SY)

EXISTING S.N. 010-8071
 3' x 10' BOX CULVERT
 STA. 294+95

GRATING FOR CONCRETE HEADWALL NO.2
 STA. 294+95 LT & RT 2 REQ'D

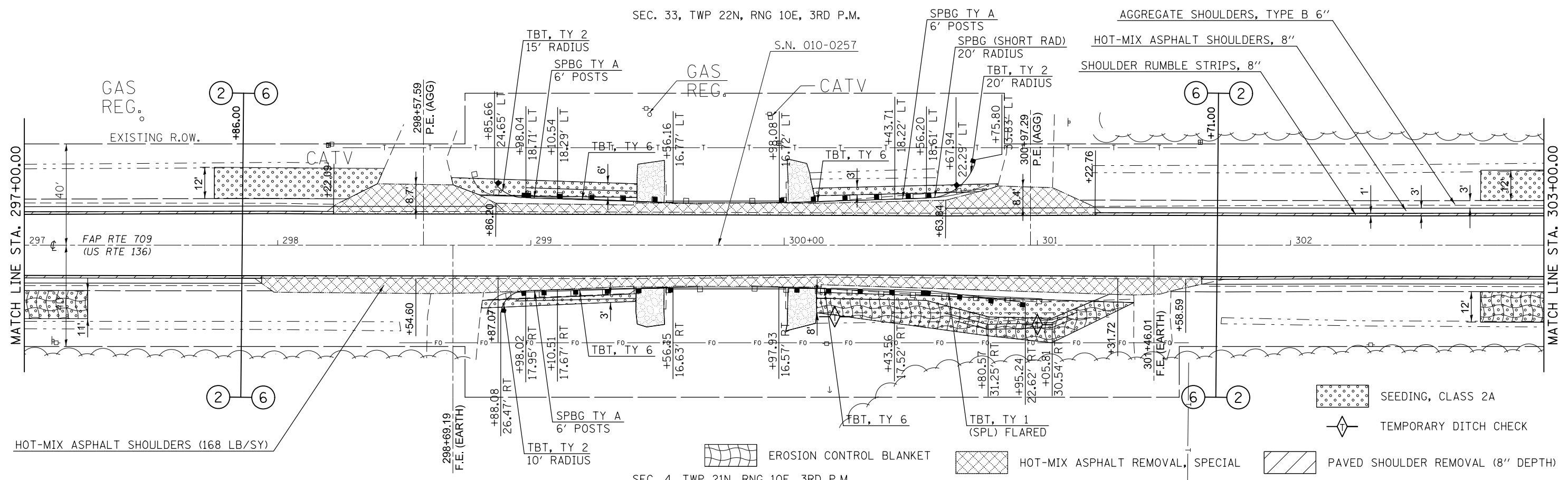
-  DRIVEWAY PAVEMENT REMOVAL
-  SEEDING, CLASS 2A
-  HOT-MIX ASPHALT REMOVAL, SPECIAL
-  EROSION CONTROL BLANKET
-  PAVED SHOULDER REMOVAL (8" DEPTH)

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	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					709	113 I-1,CR	CHAMPAIGN	252	43
MODELNAME	PLOT DATE = 10/17/2014	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 291+00.00	TO STA. 297+00.00	ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -		CONTRACT NO. 70985							

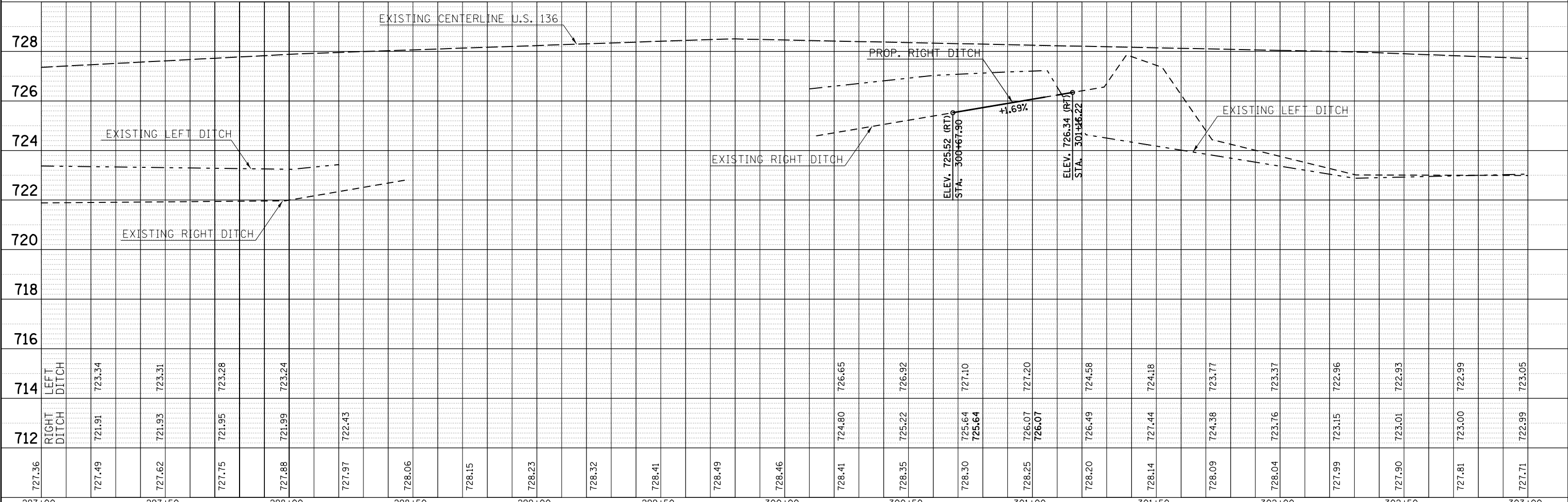
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	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	FILE NAME _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHPND	
	NO. _____	
	FILE NAME _____	

SEC. 33, TWP 22N, RNG 10E, 3RD P.M.



SEC. 4, TWP 21N, RNG 10E, 3RD P.M.



727.36	727.49	727.62	727.75	727.88	727.97	728.06	728.15	728.23	728.32	728.41	728.49	728.46	728.41	728.35	728.30	728.25	728.20	728.14	728.09	728.04	727.99	727.90	727.81	727.71	
297+00	297+50	298+00	298+50	299+00	299+50	300+00	300+50	301+00	301+50	302+00	302+50	303+00													

FILE NAME = USER NAME = ceorlockjd
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 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 10/17/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

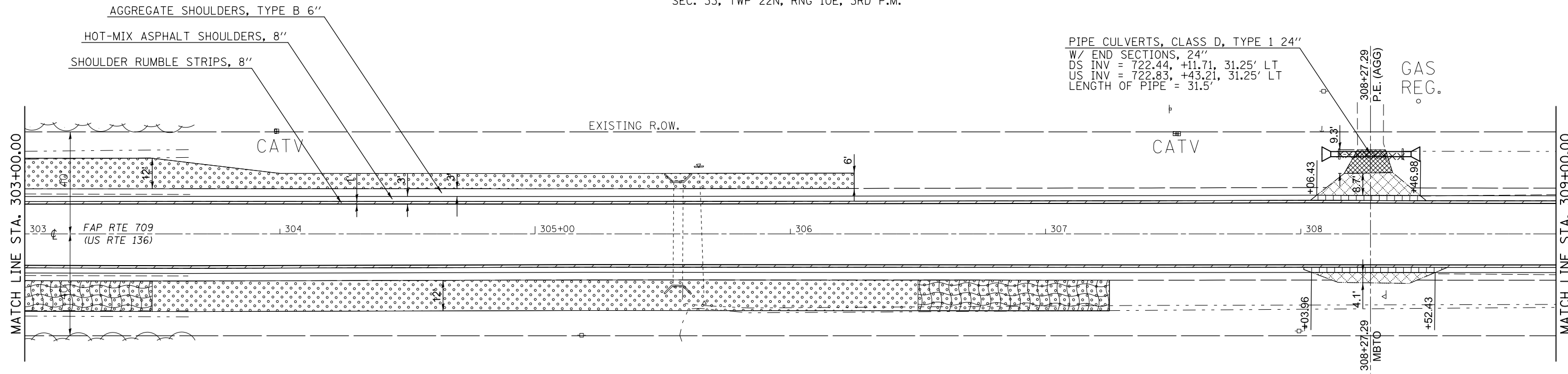
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
 SCALE: SHEET OF SHEETS STA. 297+00.00 TO STA. 303+00.00

F.A.P. RTE. 709	SECTION 113 I-1,CR	COUNTY CHAMPAIGN	TOTAL SHEETS 252	SHEET NO. 44
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

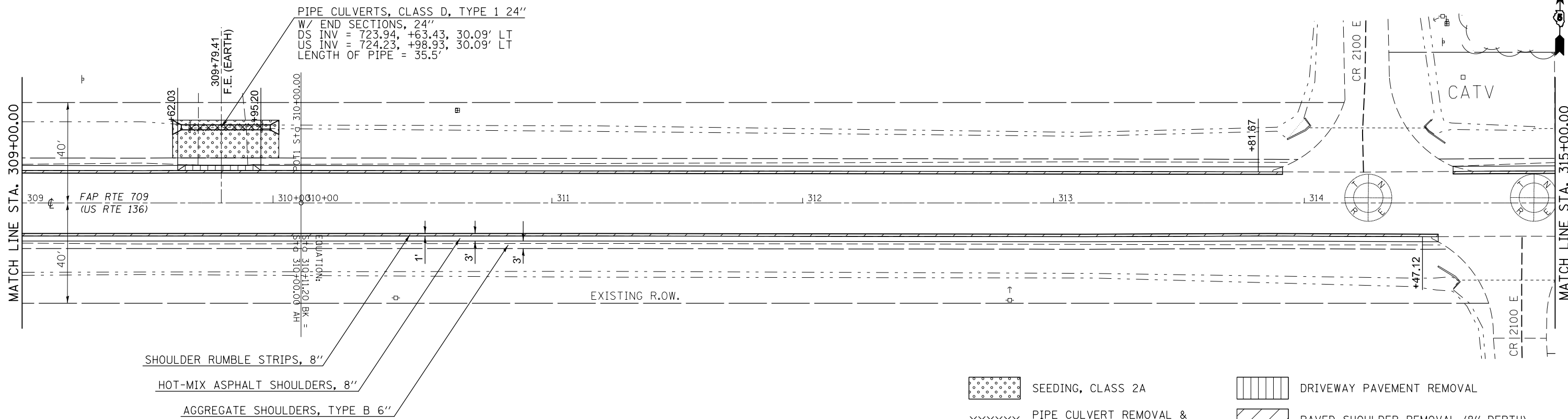
SEC. 33, TWP 22N, RNG 10E, 3RD P.M.



- SEEDING, CLASS 2A
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT REMOVAL, SPECIAL
- EROSION CONTROL BLANKET
- PAVED SHOULDER REMOVAL (8" DEPTH)
- PIPE CULVERT REMOVAL & CONCRETE HEADWALL REMOVAL

SEC. 4, TWP 21N, RNG 10E, 3RD P.M.

SEC. 33, TWP 22N, RNG 10E, 3RD P.M.



- SEEDING, CLASS 2A
- DRIVEWAY PAVEMENT REMOVAL
- PIPE CULVERT REMOVAL & CONCRETE HEADWALL REMOVAL
- PAVED SHOULDER REMOVAL (8" DEPTH)

SEC. 4, TWP 21N, RNG 10E, 3RD P.M.

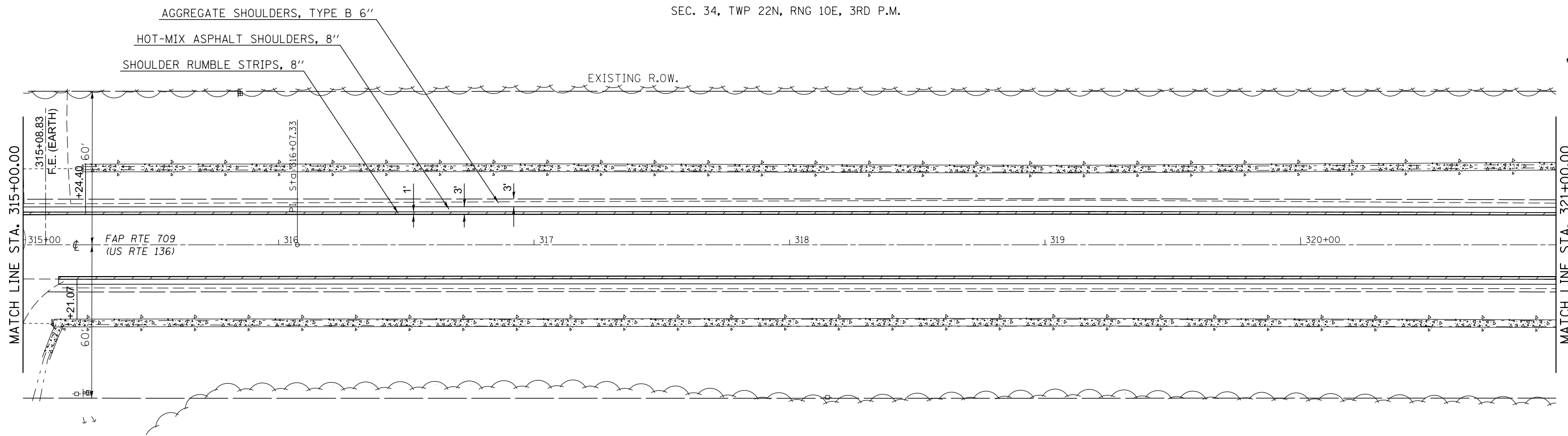
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET	OF	SHEETS
			STA. 303+00.00 TO STA. 315+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	45
CONTRACT NO. 70985				
ILLINOIS FED. AID PROJECT				

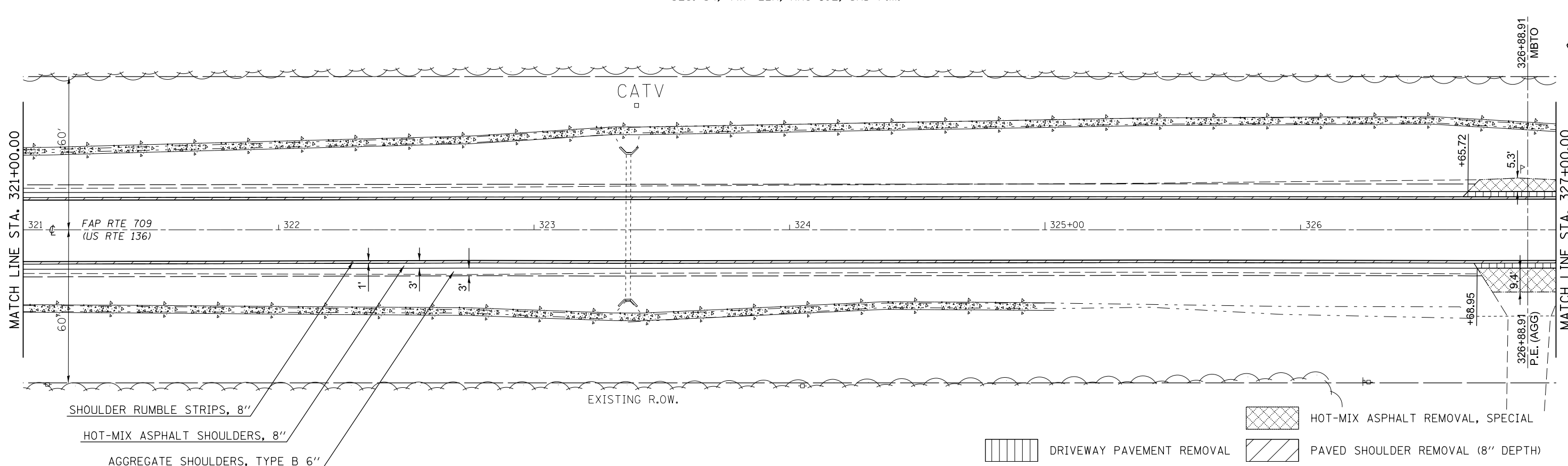
SEC. 34, TWP 22N, RNG 10E, 3RD P.M.



PAVED SHOULDER REMOVAL (8" DEPTH)

SEC. 3, TWP 21N, RNG 10E, 3RD P.M.

SEC. 34, TWP 22N, RNG 10E, 3RD P.M.



HOT-MIX ASPHALT REMOVAL, SPECIAL
 PAVED SHOULDER REMOVAL (8" DEPTH)
 DRIVEWAY PAVEMENT REMOVAL

SEC. 3, TWP 21N, RNG 10E, 3RD P.M.

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#MODELNAME#	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

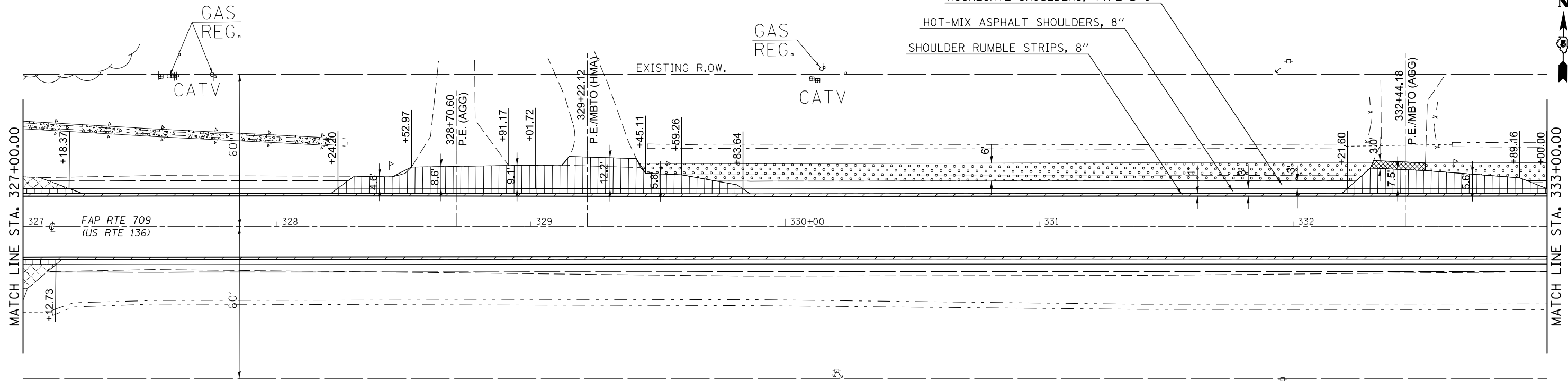
PLAN SHEET





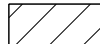
SCALE: SHEET OF SHEETS STA. 315+00.00 TO STA. 327+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	46
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

SEC. 34, TWP 22N, RNG 10E, 3RD P.M.

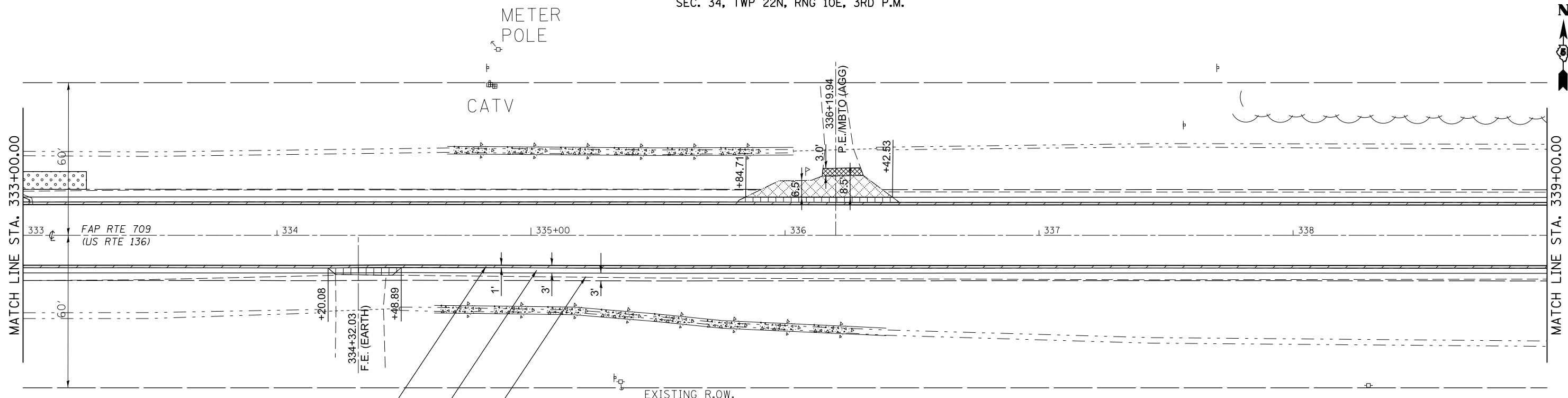
AGGREGATE SHOULDERS, TYPE B 6"





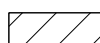


 SEEDING, CLASS 2A	 AGGREGATE SURFACE COURSE, TYPE B	 DRIVEWAY PAVEMENT REMOVAL
 HOT-MIX ASPHALT REMOVAL, SPECIAL	 PAVED SHOULDER REMOVAL (8" DEPTH)	

SEC. 3, TWP 21N, RNG 10E, 3RD P.M.

SEC. 34, TWP 22N, RNG 10E, 3RD P.M.



 SEEDING, CLASS 2A	 AGGREGATE SURFACE COURSE, TYPE B	 DRIVEWAY PAVEMENT REMOVAL
 HOT-MIX ASPHALT REMOVAL, SPECIAL	 PAVED SHOULDER REMOVAL (8" DEPTH)	

SEC. 3, TWP 21N, RNG 10E, 3RD P.M.

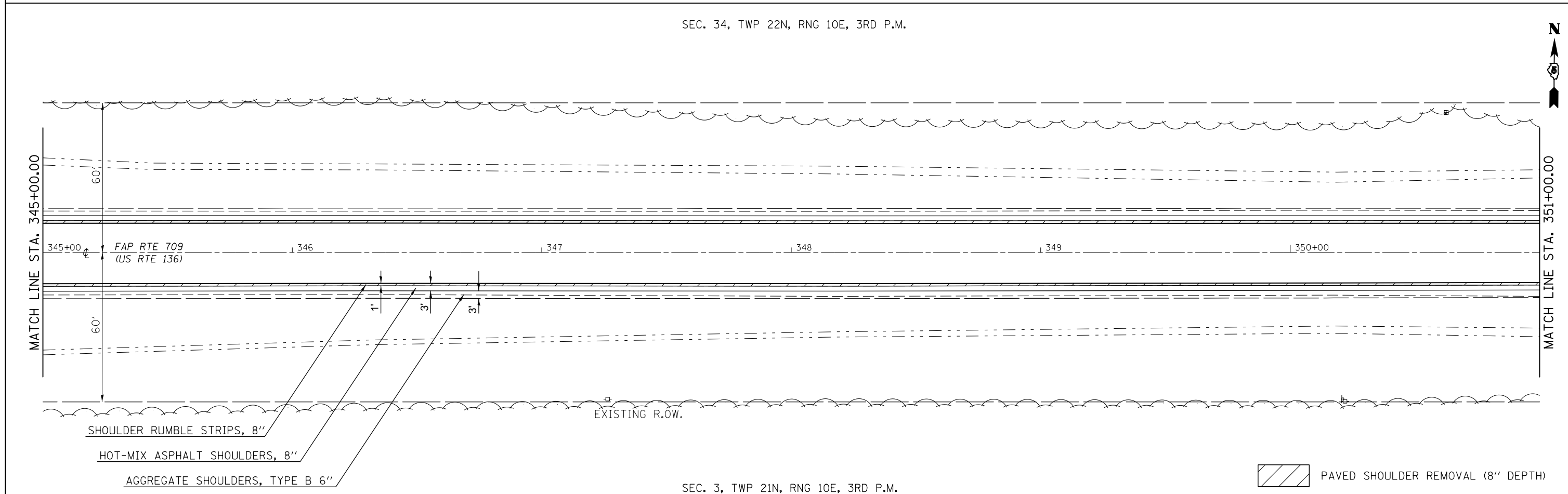
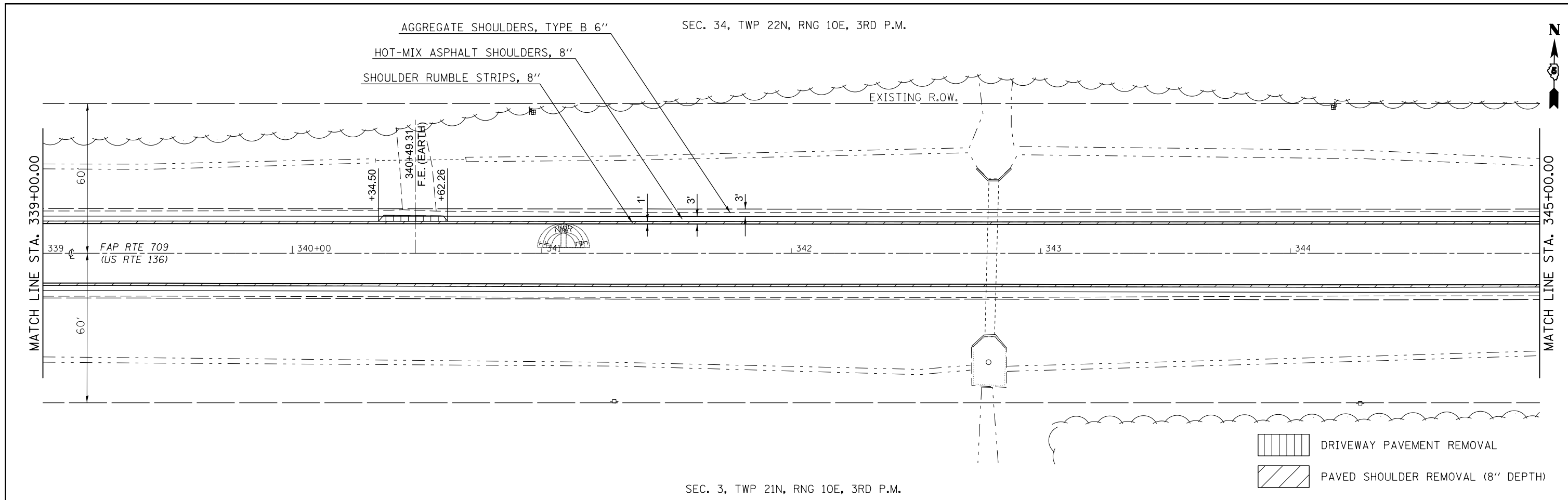
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

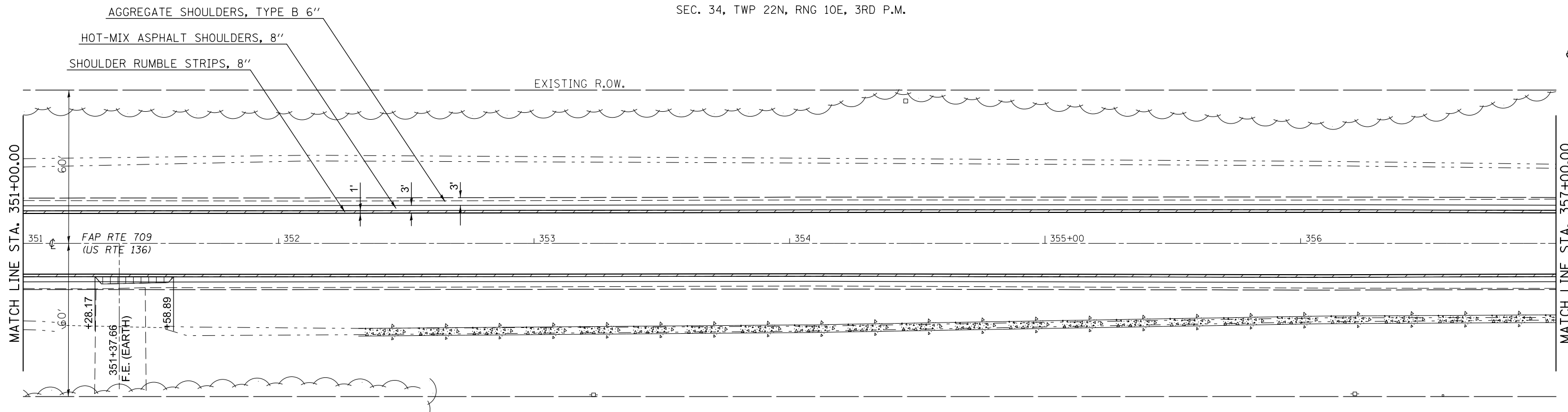
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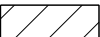
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709	113 I-1,CR	CHAMPAIGN	252	47
				CONTRACT NO. 70985
ILLINOIS FED. AID PROJECT				



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#MODELNAME#	PLOT DATE = 10/17/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

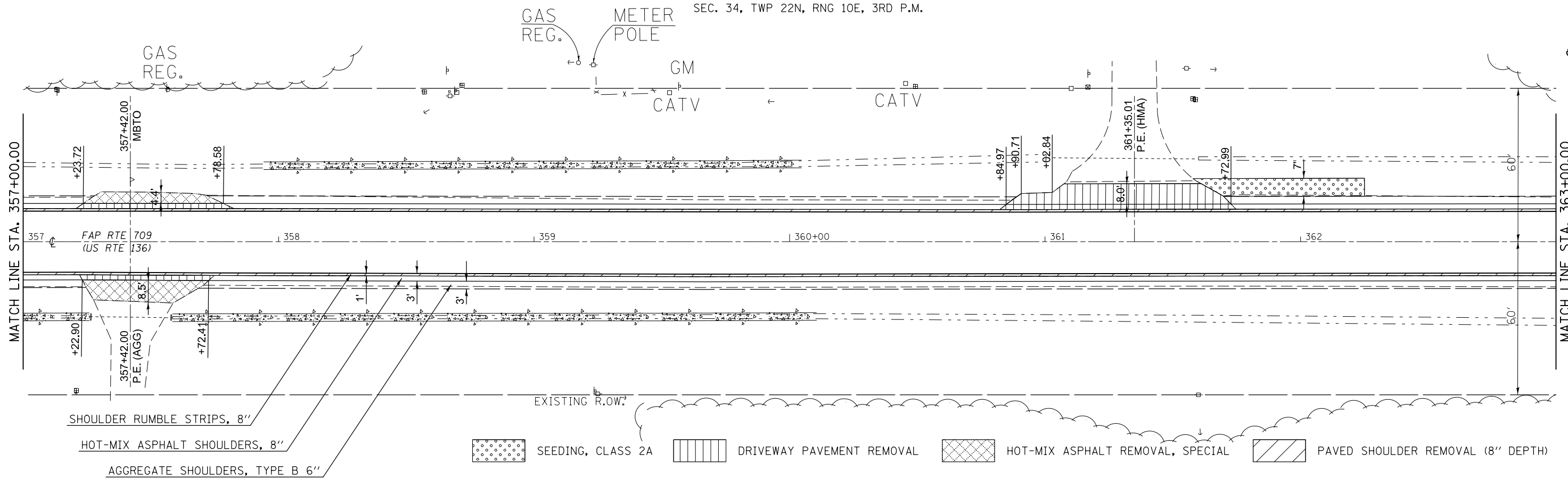
SEC. 34, TWP 22N, RNG 10E, 3RD P.M.



-  DRIVEWAY PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL (8" DEPTH)

SEC. 3, TWP 21N, RNG 10E, 3RD P.M.

SEC. 34, TWP 22N, RNG 10E, 3RD P.M.



-  SEEDING, CLASS 2A
-  DRIVEWAY PAVEMENT REMOVAL
-  HOT-MIX ASPHALT REMOVAL, SPECIAL
-  PAVED SHOULDER REMOVAL (8" DEPTH)

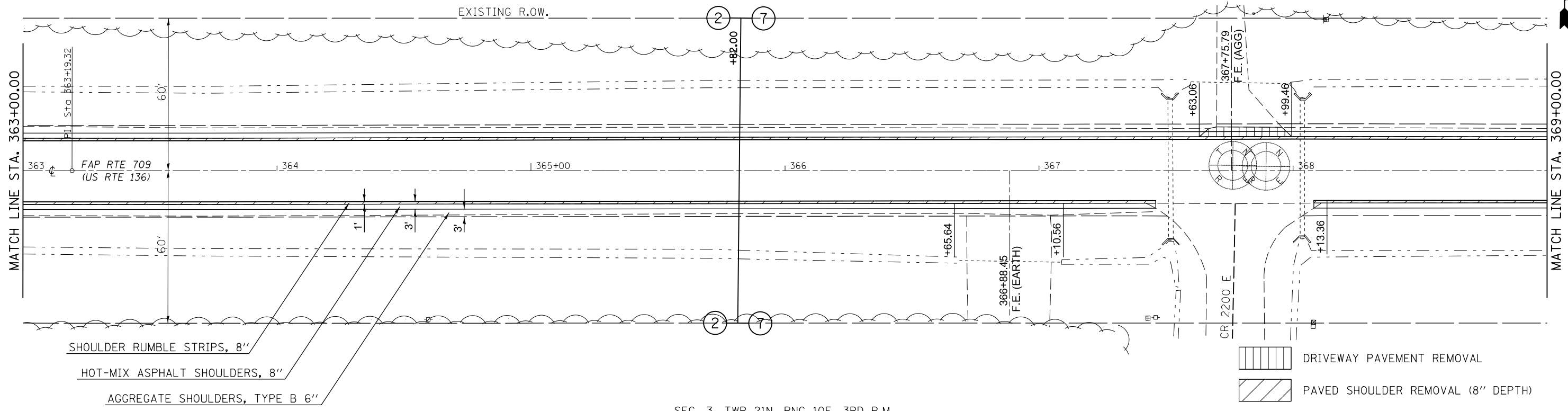
SEC. 3, TWP 21N, RNG 10E, 3RD P.M.

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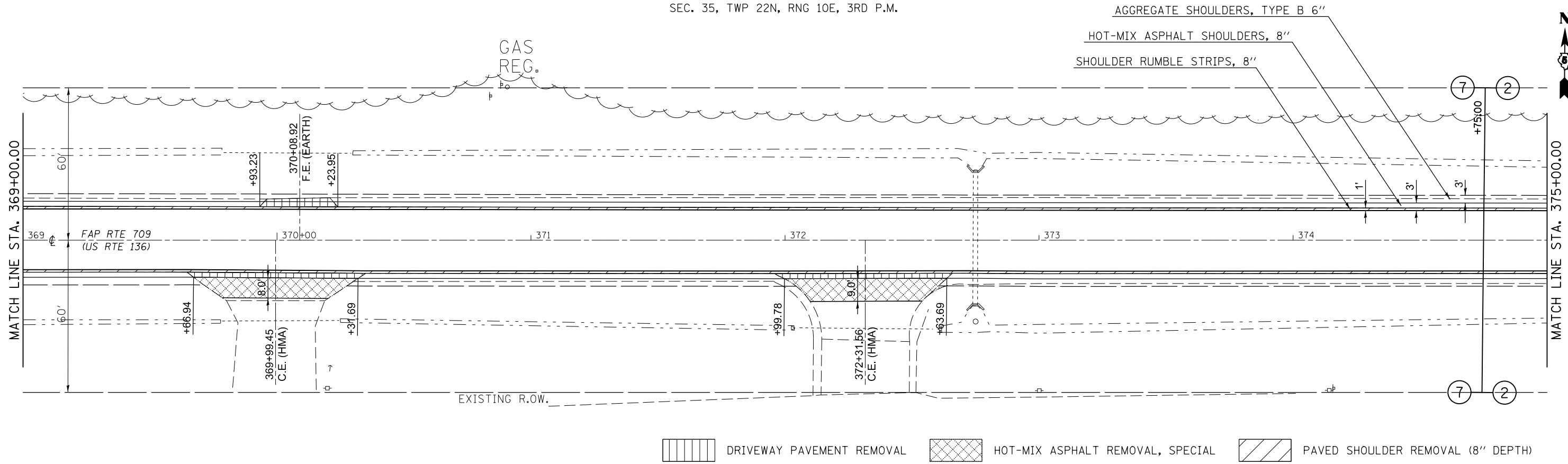
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET	
SCALE:	SHEET OF SHEETS STA. 351+00.00 TO STA. 363+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	49
CONTRACT NO. 70985				
ILLINOIS FED. AID PROJECT				



SEC. 3, TWP 21N, RNG 10E, 3RD P.M.



SEC. 2, TWP 21N, RNG 10E, 3RD P.M.

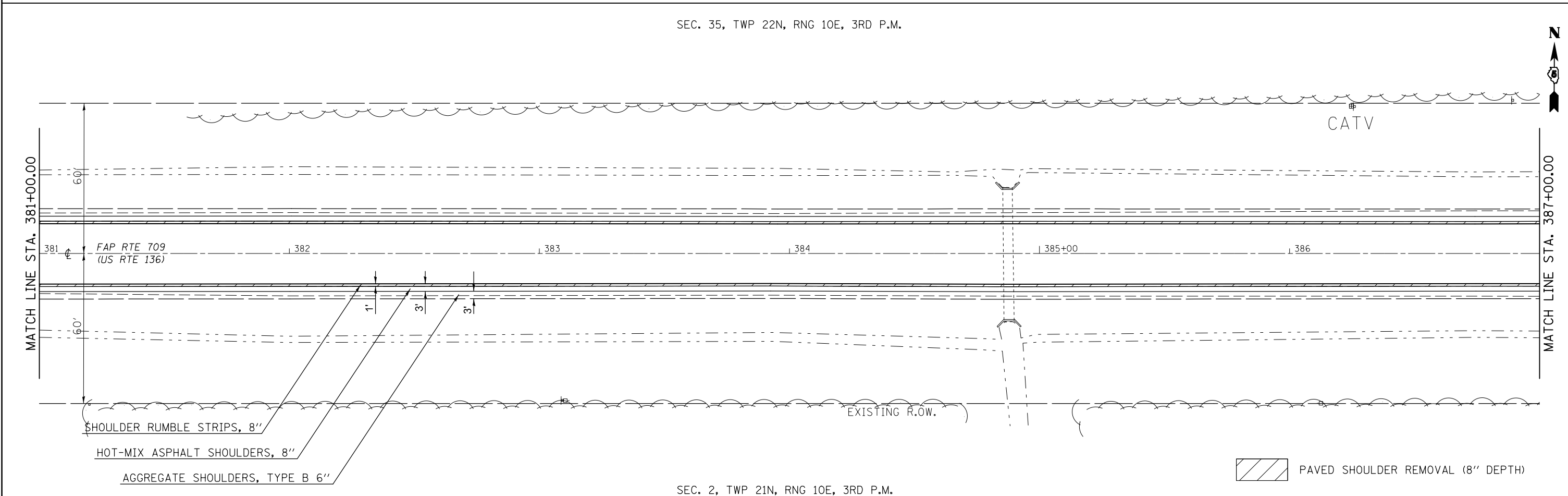
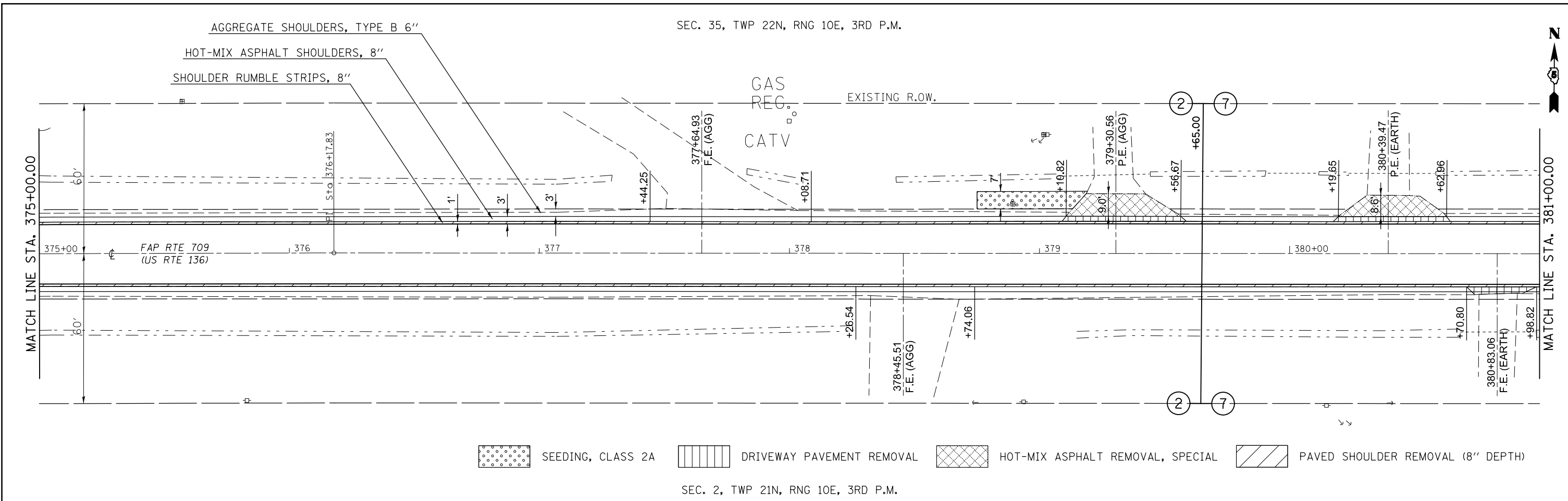
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MODELNAME	PLOT DATE = 10/17/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

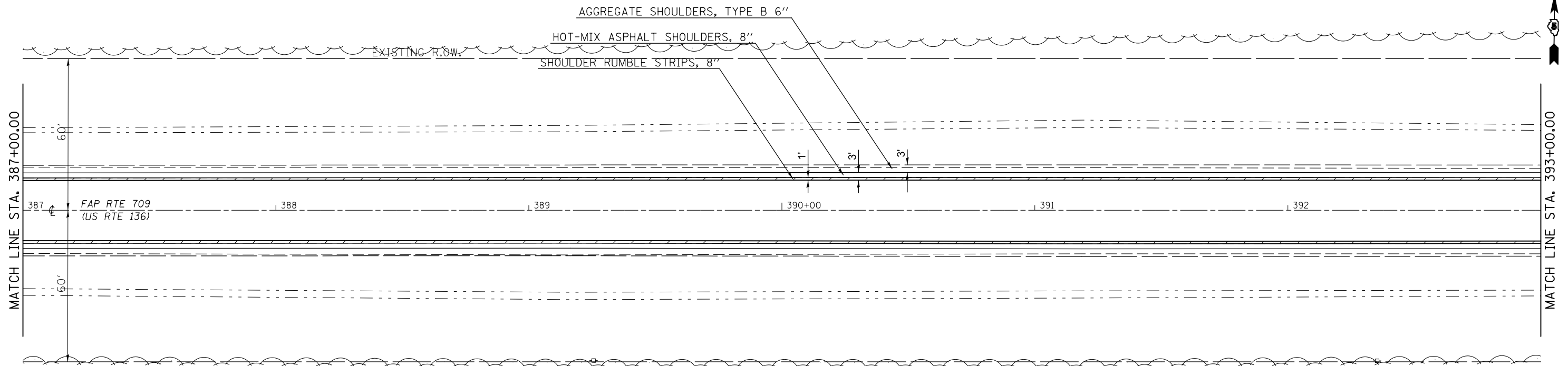
SCALE: SHEET OF SHEETS STA. 363+00.00 TO STA. 375+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	50
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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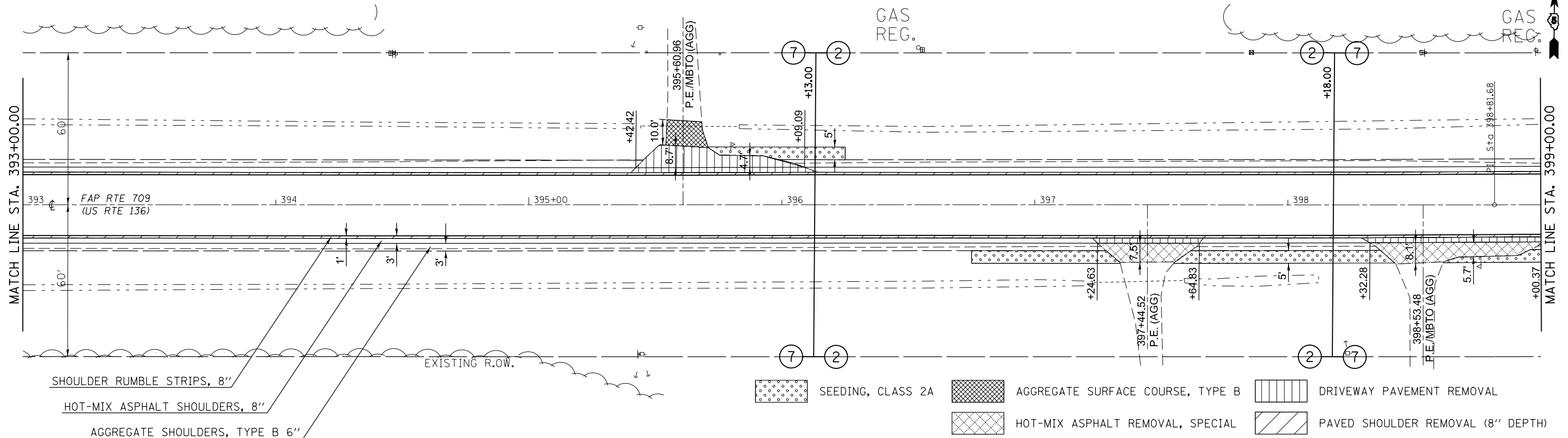
SEC. 35, TWP 22N, RNG 10E, 3RD P.M.



PAVED SHOULDER REMOVAL (8" DEPTH)

SEC. 2, TWP 21N, RNG 10E, 3RD P.M.

SEC. 35, TWP 22N, RNG 10E, 3RD P.M.



SEEDING, CLASS 2A
 AGGREGATE SURFACE COURSE, TYPE B
 DRIVEWAY PAVEMENT REMOVAL
 HOT-MIX ASPHALT REMOVAL, SPECIAL
 PAVED SHOULDER REMOVAL (8" DEPTH)

SEC. 2, TWP 21N, RNG 10E, 3RD P.M.

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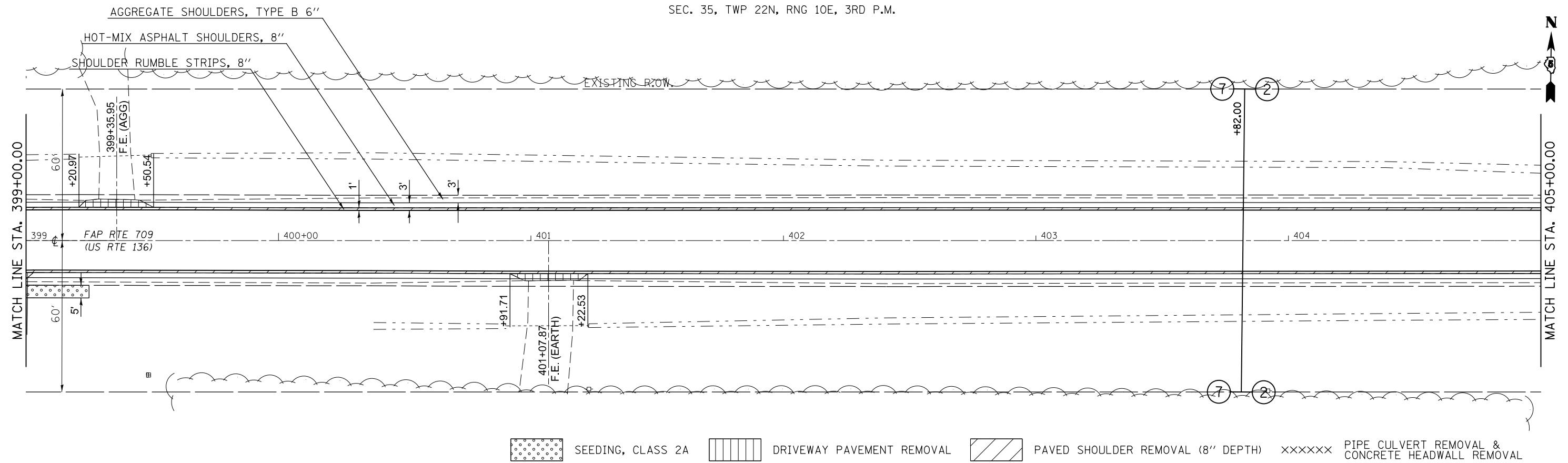
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET OF SHEETS STA. 387+00.00 TO STA. 399+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

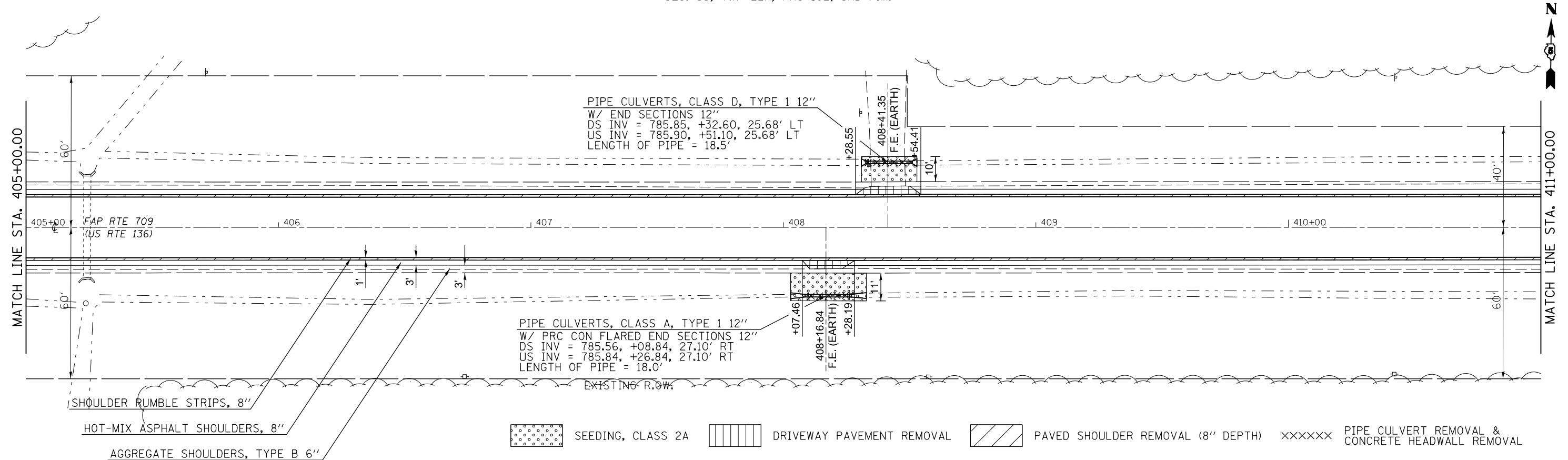
SEC. 35, TWP 22N, RNG 10E, 3RD P.M.



SEEDING, CLASS 2A DRIVEWAY PAVEMENT REMOVAL PAVED SHOULDER REMOVAL (8" DEPTH) PIPE CULVERT REMOVAL & CONCRETE HEADWALL REMOVAL

SEC. 2, TWP 21N, RNG 10E, 3RD P.M.

SEC. 35, TWP 22N, RNG 10E, 3RD P.M.



SEEDING, CLASS 2A DRIVEWAY PAVEMENT REMOVAL PAVED SHOULDER REMOVAL (8" DEPTH) PIPE CULVERT REMOVAL & CONCRETE HEADWALL REMOVAL

SEC. 2, TWP 21N, RNG 10E, 3RD P.M.

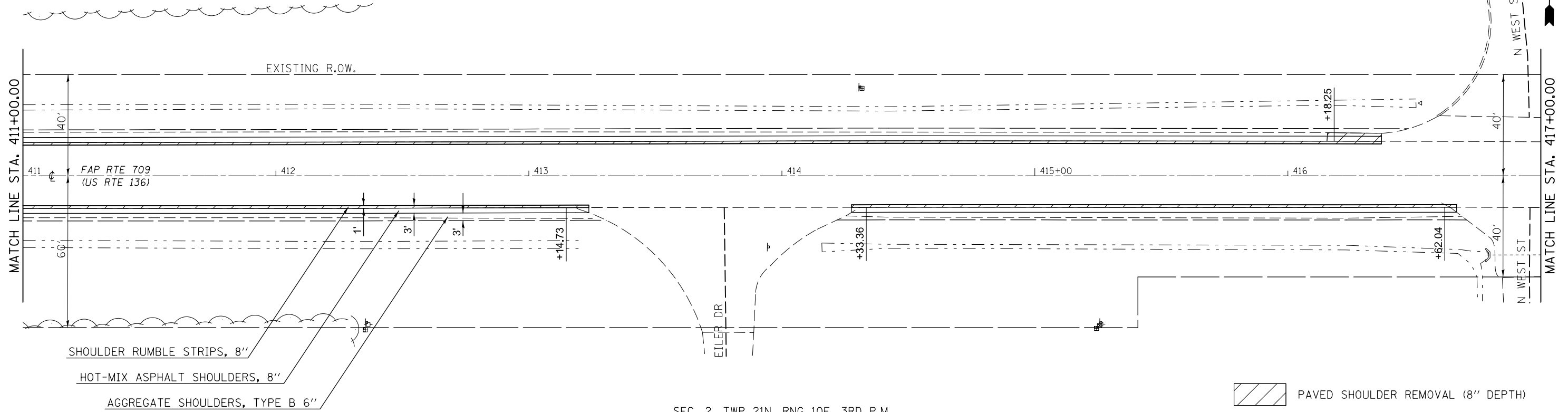
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

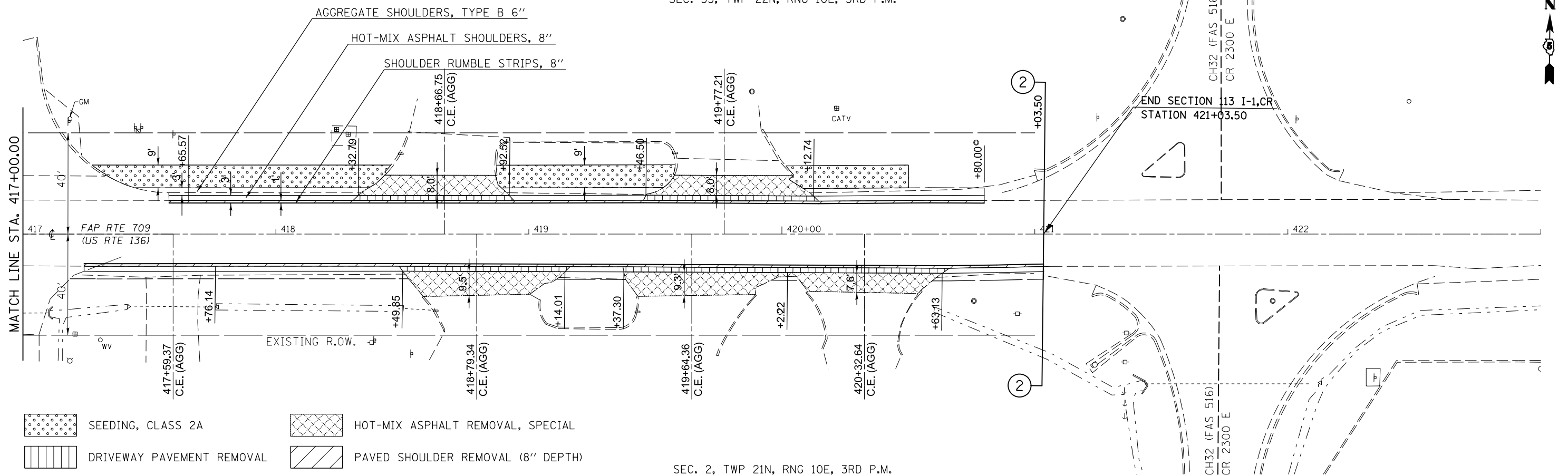
PLAN SHEET

SCALE: SHEET OF SHEETS STA. 399+00.00 TO STA. 411+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	53
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	



SEC. 2, TWP 21N, RNG 10E, 3RD P.M.



SEC. 2, TWP 21N, RNG 10E, 3RD P.M.

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwwork\pwwork\ceerlockjd\0309603\0570985-sh1-Pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

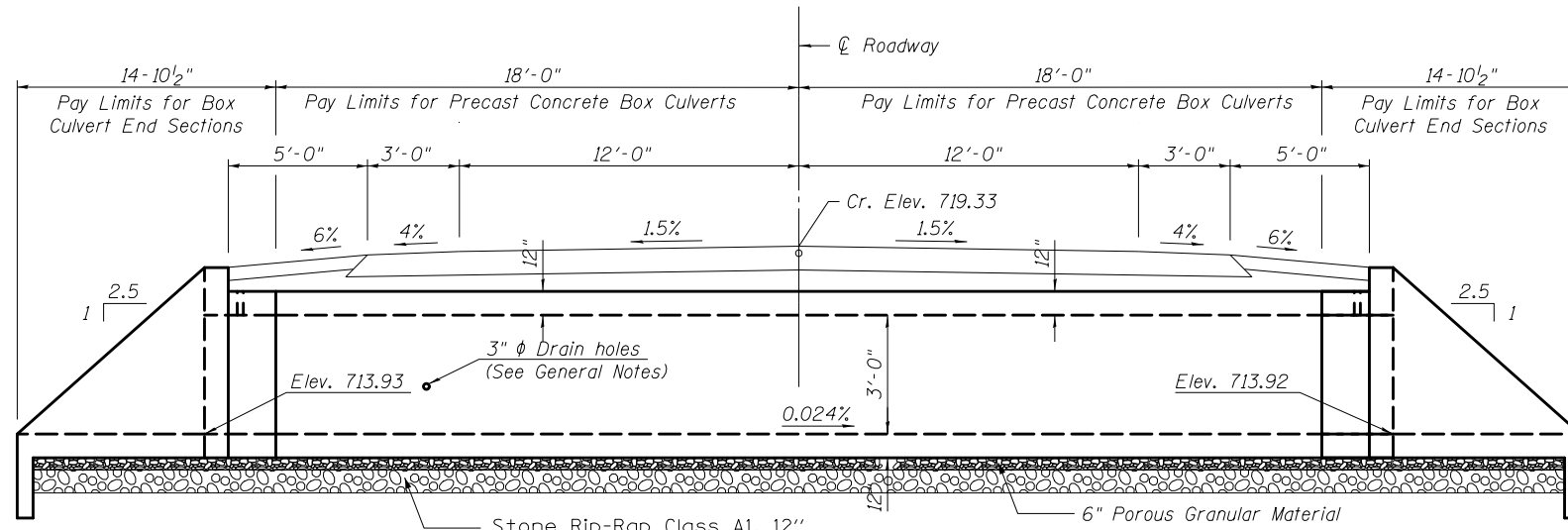
PLAN SHEET

SCALE: SHEET OF SHEETS STA. 411+00.00 TO STA. 423+00.00

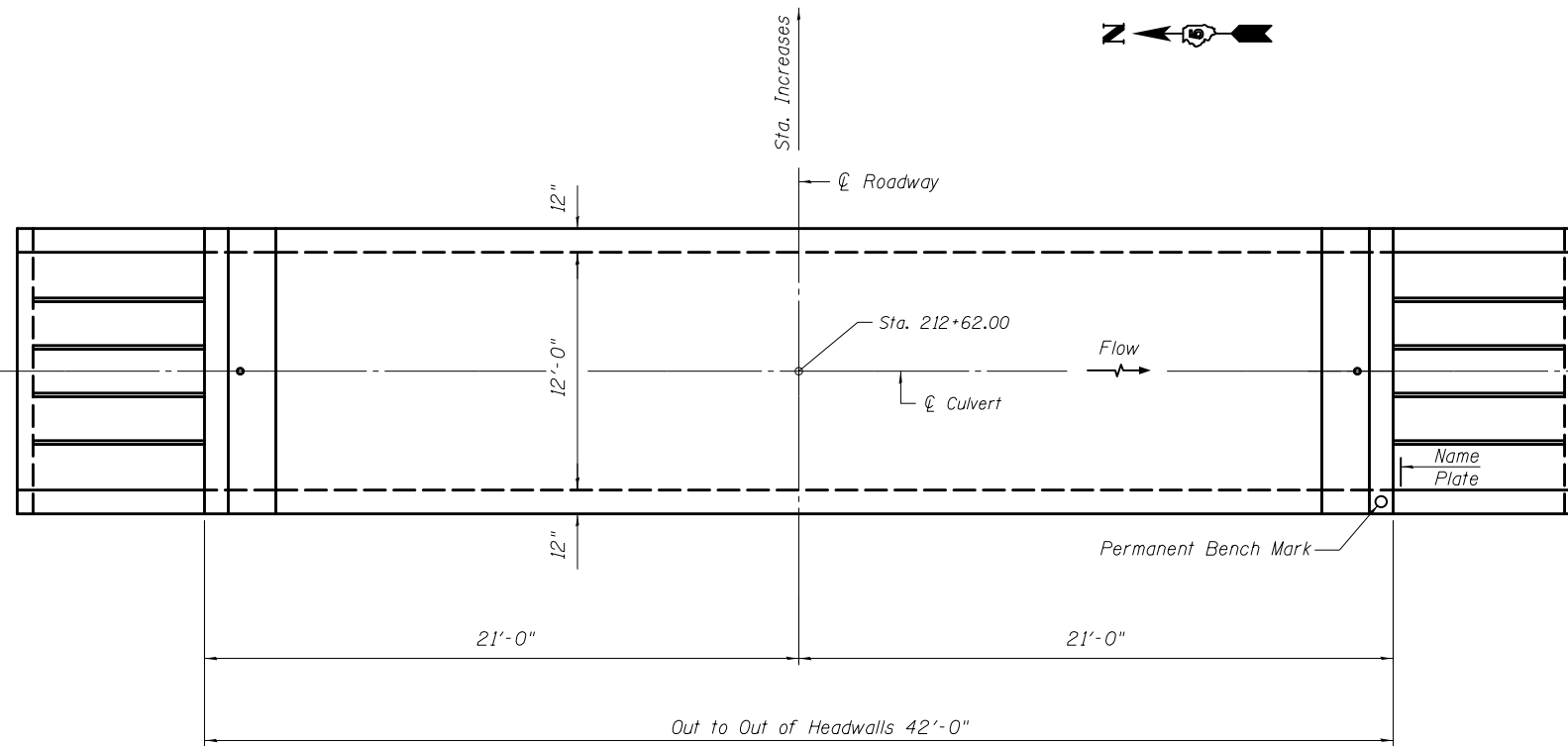
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	54
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

Benchmark:

Existing Structure: Sta. 212+62.00, 7'x3' cast-in-place box culvert with concrete headwalls to be removed.



ELEVATION



PLAN

WATERWAY INFORMATION

Drainage Area = 0.40 sq. mi. Low Grade Elev. 719.20 @ Sta. 211+40.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist. Prop.	Nat. H.W.E. 716.8	Head - Ft. Exist. Prop.	Headwater El. Exist. Prop.
Design	10	208	21 31.4	717.1	2.4 1.1	719.2 717.9
Base	50	285	21 35.2	717.3	1.6	718.7
Overtopping(P)	100	325	21 36	717.3	2.1	719.4
Max. Calc.	500	444	21 36	717.3	2.1	719.4

DESIGN SCOUR ELEVATION TABLE

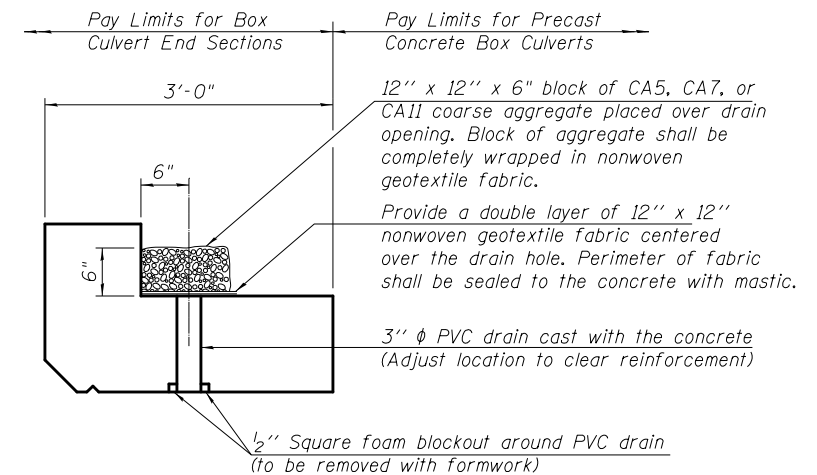
Design Scour Elevation (ft.)	Upstream	Downstream
	710.43	710.42

INDEX OF SHEETS

1. General Plan and Elevation
2. Plan & Profile Sheet
- 3-4. Precast Concrete Box Culvert Tapered End Section Details
- 5-6. Dimensions and Quantities
7. Traversable Pipe Grate (Special)
8. Porous Granular Embankment Detail
9. Existing Structure Information
10. Staging Details

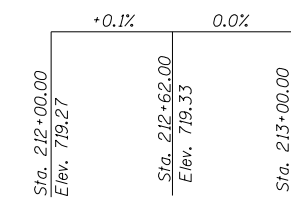
GENERAL NOTES

The design fill height for this box is < 2 feet. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 The 6 in. thick layer of porous granular material required for the precast concrete box culvert per Art. 540.06 of the Standard Specifications shall also apply to the end sections. Cost of the porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 All dimensions are in FEET (') - INCHES (") unless otherwise noted
 Drawings not to scale.



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain details will not be measured for payment but shall be included in the contract unit price for the end section.)



PROFILE GRADE

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications
6th Edition

LOADING HL-93

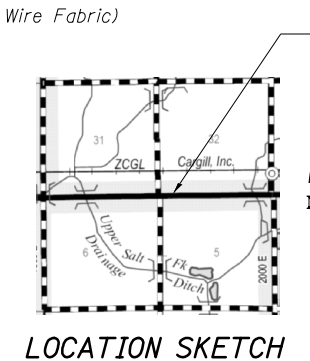
DESIGN STRESSES

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Fabric)

STATION 212+62.00
BUILT 2015 BY
STATE OF ILLINOIS
F.A.P. RT. 709 US 136
SEC. 113 I-1,CR
LOADING HL-93
STR. NO. 010-8169

NAME PLATE
See Std. 515001



LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	89.0
Class D Patches, Type IV, 10 Inch	Sq. Yd.	107.0
Removal of Existing Structures	Each	1.0
Name Plates	Each	1.0
Box Culvert End Sections	Each	2.0
Precast Concrete Box Culverts, 12x3	Foot	36.0
Permanent Bench Marks	Each	1.0
Traversable Pipe Grate	Foot	94.0
Stone Riprap, Class A1	TON	64.0

**GENERAL PLAN AND ELEVATION
SINGLE 12'x3' PRECAST BOX CULVERT
F.A.P. ROUTE 709 (US 136)
SECTION 113 I-1,CR
CHAMPAIGN COUNTY
STATION 212+62.00, S.N. 010-8169**

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of ASTM C1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

1" ϕ anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M111 or M232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

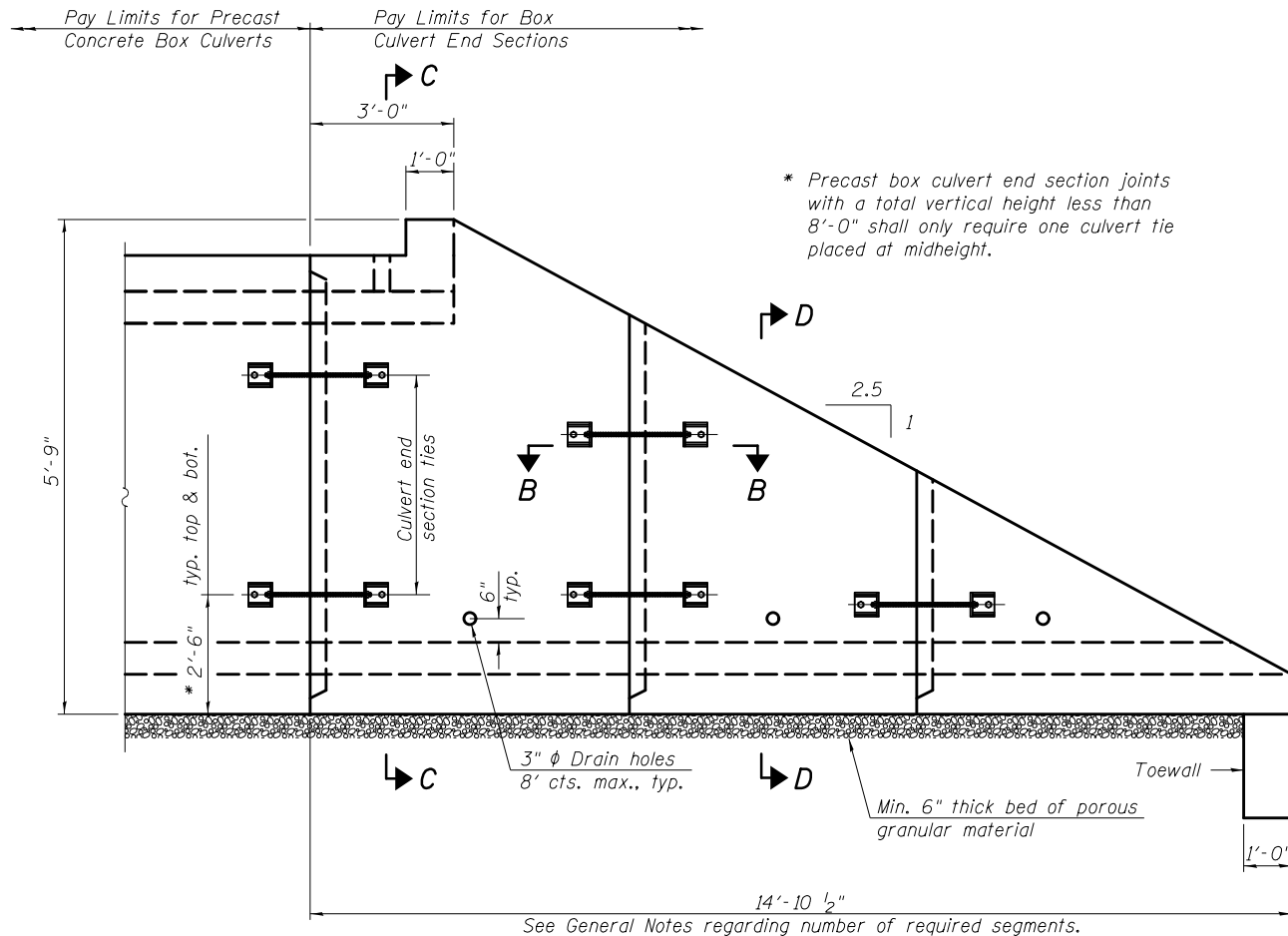
All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the contract unit price for Box Culvert End Sections of the culvert number specified.

Reinforcement bars designated (E) shall be epoxy coated.

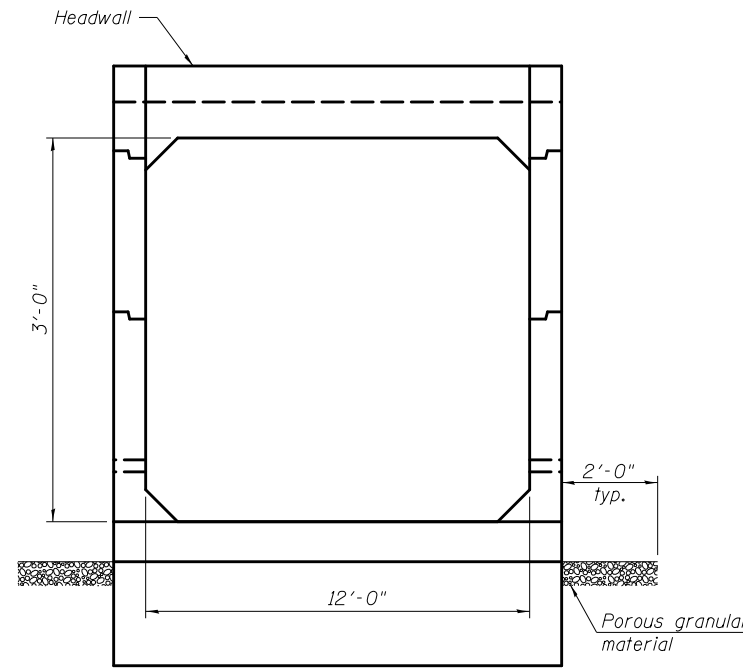
Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd..

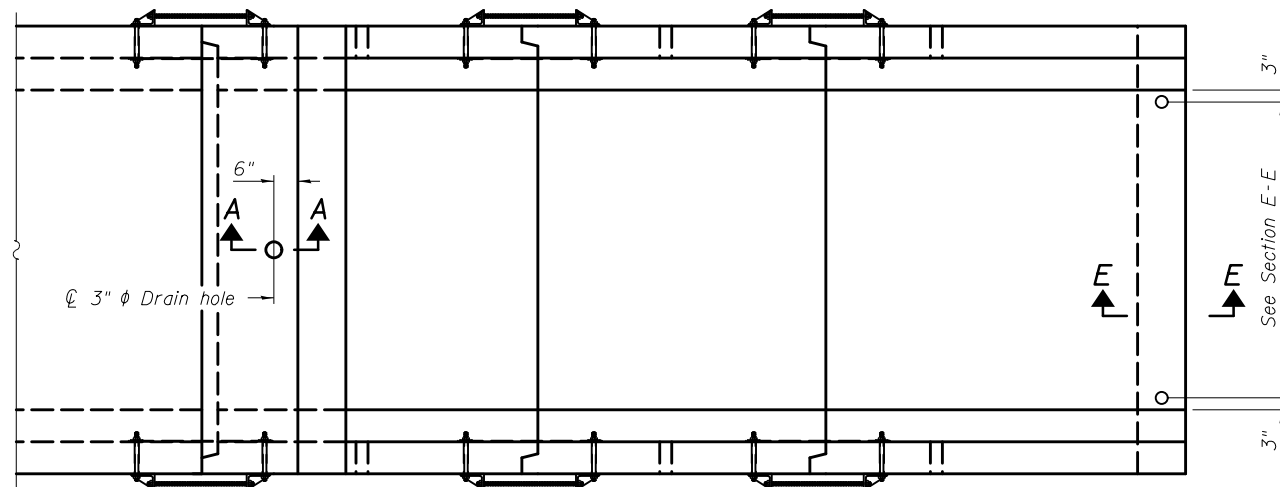
For end sections with traversable pipe grate systems, see grate detail sheet for required modifications.



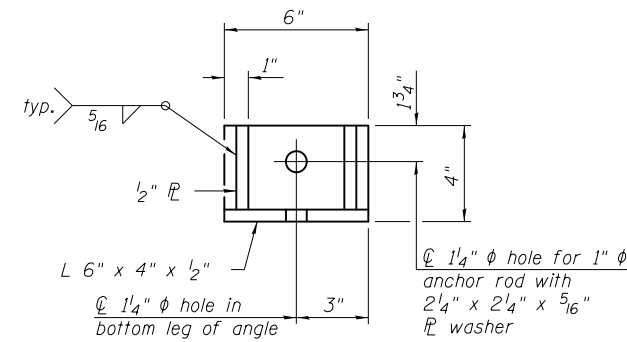
ELEVATION



END VIEW



PLAN



RESTRAINT ANGLE DETAIL

12" x 12" x 6" block of CA 5, CA 7, or CA 11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

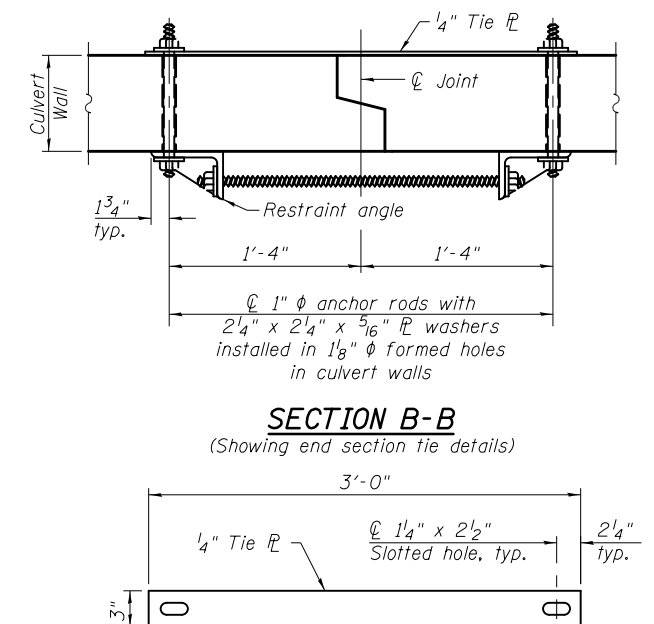
Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Fabric shall be sealed to the concrete with mastic.

3" ϕ PVC drain cast with the concrete (Adjust location to clear reinforcement).

1/2" Square foam breakout around PVC drain (to be removed with formwork)

SECTION A-A

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)



SECTION B-B

(Showing end section tie details)

TIE PLATE DETAIL

SCB-TES-1

11-5-13

FILE NAME =	USER NAME =	DESIGNED -	REVISED
ei:\pw\work\p\midot\clearlock\jd\0309603\0570985-sht-structures.dgn		CHECKED -	REVISED
		DRAWN -	REVISED
		CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SINGLE CELL PRECAST BOX CULVERT TAPERED END SECTIONS

SHEET NO. 3 OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	57
CONTRACT NO. 70985				

ILLINOIS FED. AID PROJECT

(Sheet 1 of 2)

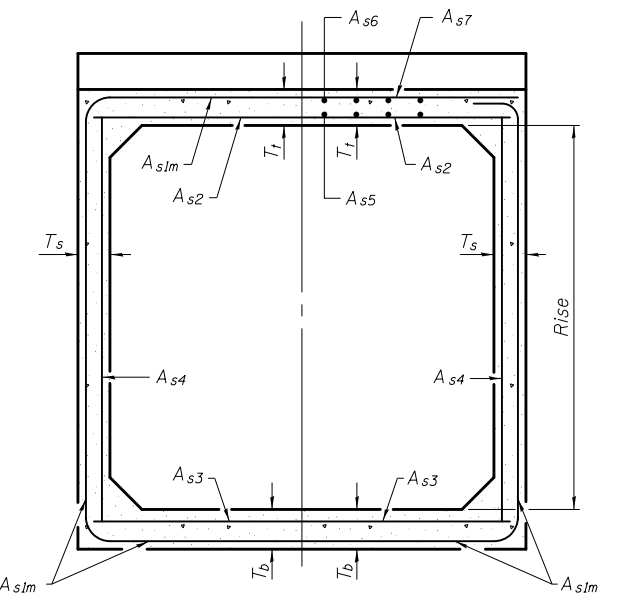
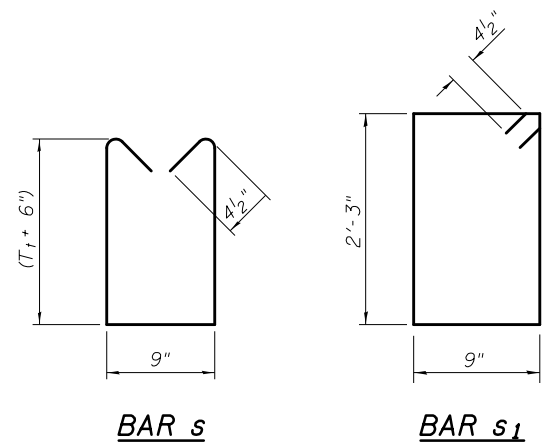
		As_{1m} REINFORCEMENT										
		(in. ² / ft)										
T _s (in.)	Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
4	0.19	0.17										
5	0.26	0.21	0.18									
6	0.22	0.26	0.23	0.22								
7	0.25	0.33	0.59	0.27	0.28							
8	0.40	0.35	0.43	0.39	0.36	0.34	0.40					
9	0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48				
10	0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56			
11	0.52	0.45	0.54		0.46		0.41		0.50	0.65		
12	0.55	0.49	0.58		0.50		0.45		0.46		0.75	

(As_{1m} reinforcement based upon welded wire fabric conforming to AASHTO M 55 or M 221).

Notes:
 Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.
 The size and spacing of the v₂(E) bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft) equal to 1.10*(As_{1m}). v₂(E) bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.
 Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

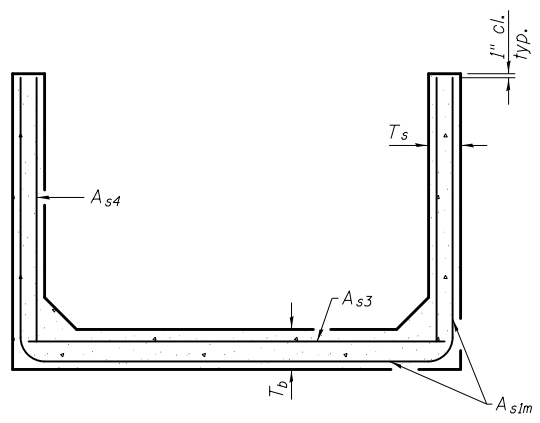
1 DIMENSION

- #3 bar = 2'-0"
- #4 bar = 2'-8"
- #5 bar = 3'-4"
- #6 bar = 3'-11"

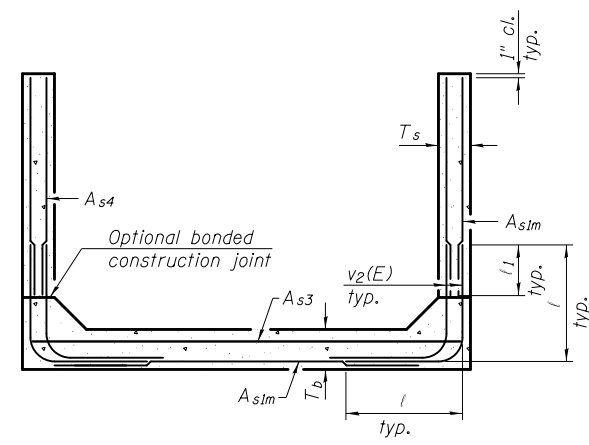


(Design Earth Cover ≥ 2 ft) (Design Earth Cover < 2 ft)

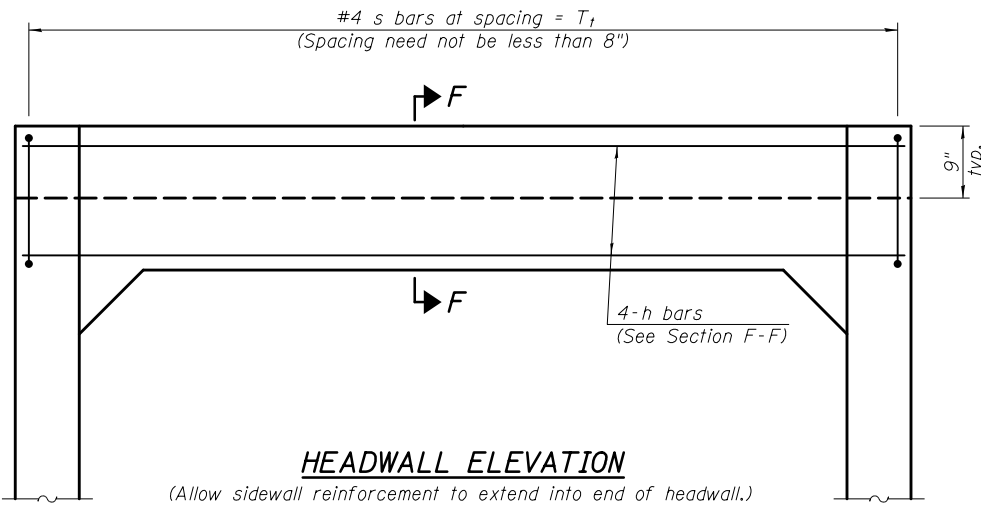
SECTION C-C



SECTION D-D



ALTERNATE SECTION D-D



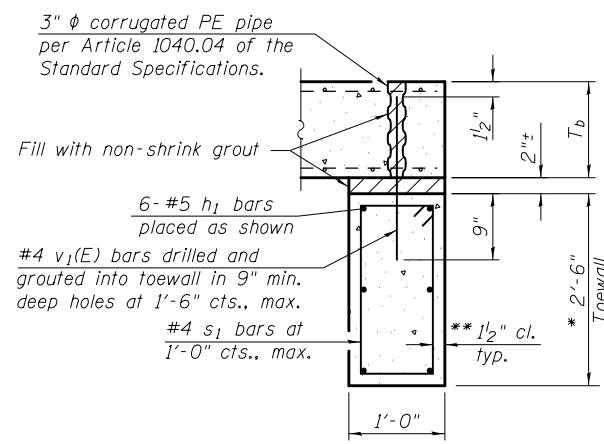
HEADWALL ELEVATION

TOEWALL CONSTRUCTION SEQUENCE

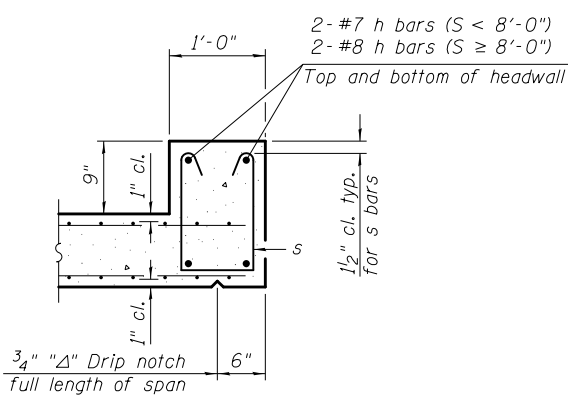
1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, toewall may be poured directly against the soil. When poured directly against the soil, the clear cover of the sides and bottom of the toewall shall be increased to 3" by increasing the size of the toewall.



SECTION E-E



SECTION F-F

SCB-TES-2

11-5-13

(Sheet 2 of 2)

FILE NAME =	USER NAME =	DESIGNED -	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SINGLE CELL PRECAST BOX CULVERT TAPERED END SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pwwork\pwwork\clearlock\j\d0309603\0570985-sht-structures.dgn		CHECKED -	REVISED			709	113 I-1,CR	CHAMPAIGN	252	58	
MODELNAME	PLOT DATE =	DRAWN -	REVISED			CONTRACT NO. 70985					
		CHECKED -	REVISED			ILLINOIS FED. AID PROJECT					

DESIGNER NOTES:

"DIMENSIONS AND QUANTITIES" SHEETS SHOULD BE USED WITH BBS BASE SHEETS "PCBC APRON END SECTION DETAILS"
 "DIMENSIONS AND QUANTITIES" SHEETS ARE INTENDED FOR DESIGNER & ESTIMATOR USE ONLY; SHOULD NOT BE INCLUDED IN PLANS

- FOR DESIGN FILL HEIGHTS LESS THAN 2FT
- "NON-STANDARD" PCBC SIZES INCLUDED ON BBS BASE SHEETS; SE SEAL NOT REQUIRED PER ABD 11.3
- "NON-STANDARD" PCBC SIZES NOT INCLUDED ON BBS BASE SHEETS; SE SEAL REQUIRED PER ABD 11.3; RECOMMEND SELECTION OF NEXT LARGER SPAN

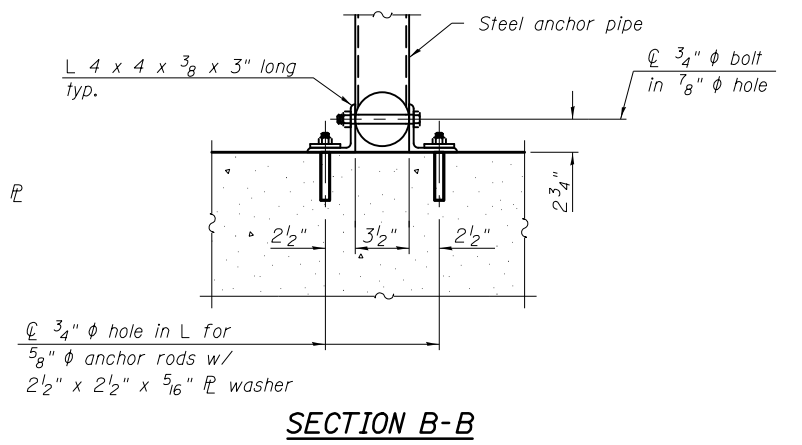
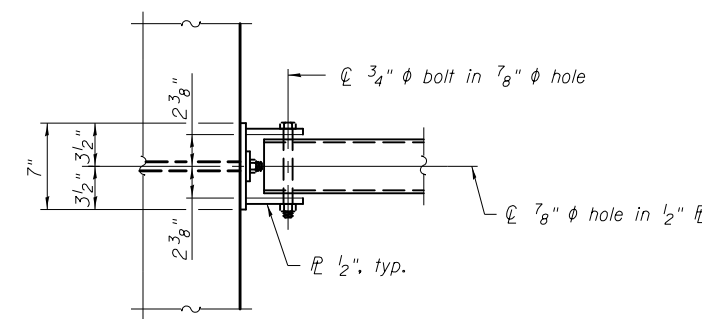
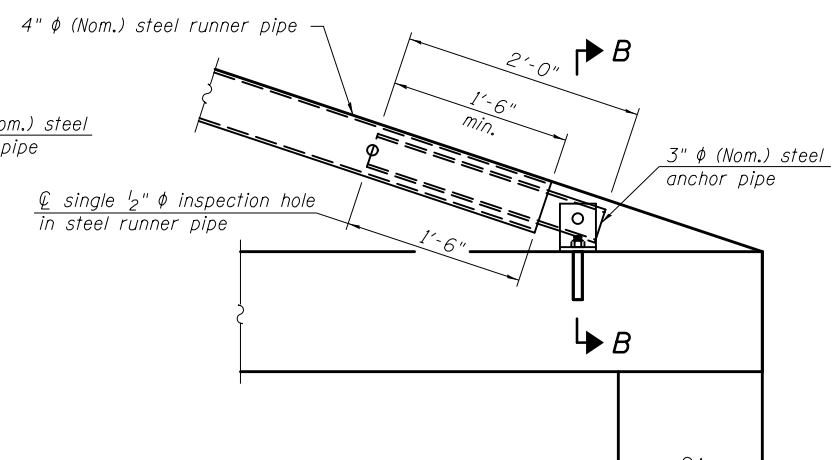
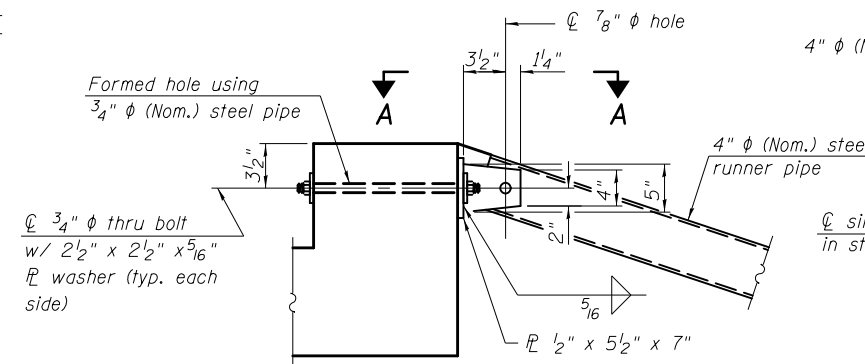
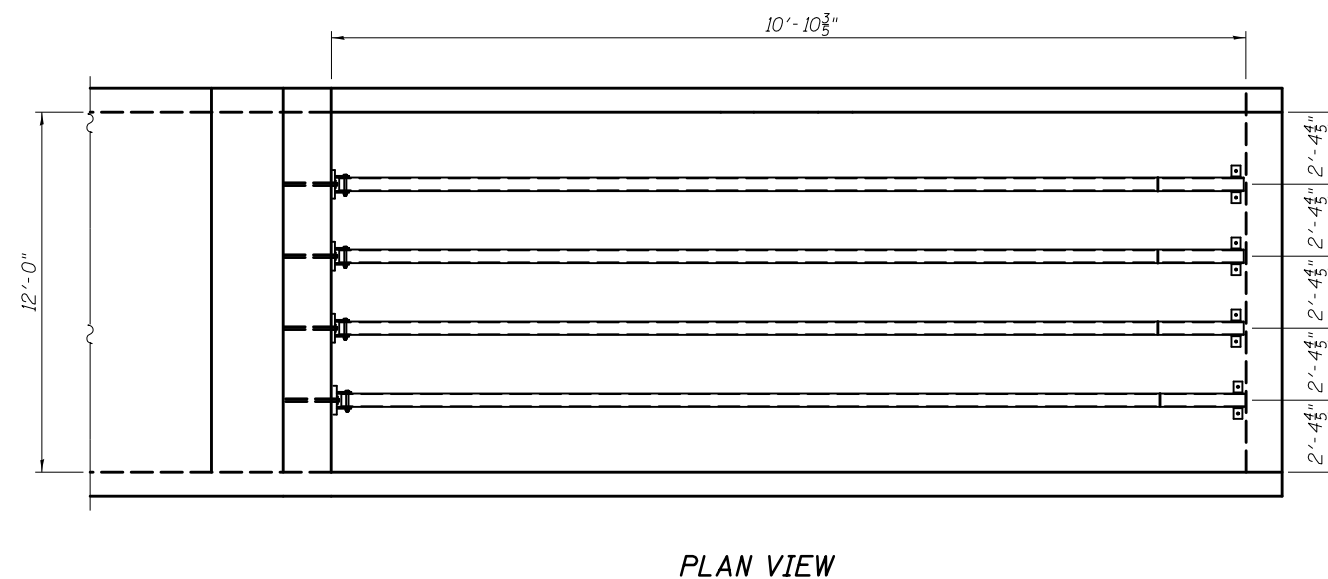
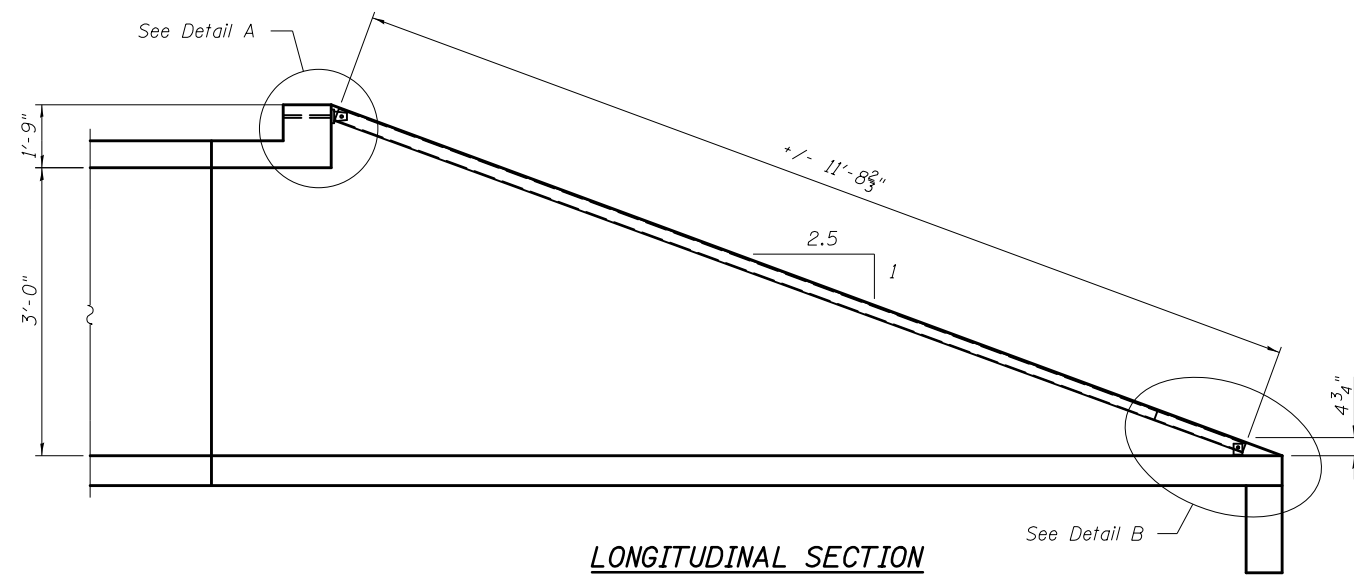
DIMENSIONS AND QUANTITIES													BILL OF MATERIAL			
DESIGN: SINGLE CELL 3FT RISE PRECAST CONCRETE BOX CULVERT WITH 1:2 FORESLOPE; 45 ^{3/4} WINGS; NO SKEW													(One End Section)			
WELDED WIRE FABRIC END SECTIONS MAY BE FURNISHED PRECAST OR BUILT IN THE FIELD USING CIP CONSTRUCTION METHODS																
DIMENSIONS													CONCRETE	WELDED	REINFORCEMENT	
(S) SPAN	(R) RISE	(T+) TOP	(Tb) BOTTOM	(Ts) WALL	WINGWALL	A	B	C	D	E	F	G	BOX CULVERTS	WIRE FABRIC	BARS	
(ft)	(ft)	(Inches)	(Inches)	(Inches)	SLOPE								(Cu. Yd.)	(Sq. Ft.)	(Pound)	
<input type="checkbox"/>	3	3	7	6	4	1:3	4'-4"	2'-8"	3'-11"	5'-6"	12'-6"	1'-8"	3'-8"	3.7	238	190
<input type="checkbox"/>	3	3	4	4	4	1:3	4'-1"	2'-6"	3'-6"	5'-0"	11'-8"	1'-7"	3'-8"	3.0	216	180
<input type="checkbox"/>	4	3	7.5	6	5	1:3	4'-5"	2'-9"	3'-11"	5'-6"	13'-8"	1'-8"	4'-10"	4.2	263	210
<input type="checkbox"/>	4	3	5	5	5	1:3	4'-2"	2'-7"	3'-9"	5'-3"	13'-4"	1'-7"	4'-10"	3.7	250	200
<input type="checkbox"/>	5	3	8	7	6	1:3	4'-5"	2'-8"	3'-11"	5'-6"	14'-10"	1'-9"	6'-0"	4.8	286	230
<input type="checkbox"/>	5	3	6	6	6	1:3	4'-3"	2'-7"	3'-9"	5'-3"	14'-6"	1'-8"	6'-0"	4.4	274	230
<input type="checkbox"/>	6	3	8	7	7	1:3	4'-5"	2'-8"	3'-11"	5'-6"	16'-0"	1'-9"	7'-2"	5.3	309	260
<input type="checkbox"/>	6	3	7	7	7	1:3	4'-4"	2'-8"	3'-11"	5'-6"	16'-0"	1'-8"	7'-2"	5.2	308	260
<input type="checkbox"/>	7	3	8	8	8	1:3	4'-5"	2'-8"	3'-11"	5'-6"	17'-2"	1'-9"	8'-4"	6.0	332	280
<input type="checkbox"/>	8	3	8	8	8	1:3	4'-5"	2'-8"	3'-11"	5'-6"	18'-2"	1'-9"	9'-4"	6.4	352	300
<input type="checkbox"/>	9	3	9	9	9	1:3	4'-6"	2'-9"	4'-1"	5'-9"	19'-8"	1'-9"	10'-6"	7.5	387	330
<input type="checkbox"/>	10	3	10	10	10	1:3	4'-7"	2'-9"	4'-1"	5'-9"	20'-10"	1'-10"	11'-8"	8.5	412	360
<input type="checkbox"/>	11	3	11	11	11	1:3	4'-8"	2'-10"	4'-3"	6'-0"	22'-4"	1'-10"	12'-10"	9.8	449	380
<input type="checkbox"/>	12	3	12	12	12	1:3	4'-9"	2'-10"	4'-3"	6'-0"	23'-6"	1'-11"	14'-0"	10.9	474	410

REINFORCEMENT BARS						
For Information Only (One End Section)						
12' X 3' END SECTION						
Bar	No.	Size	Length	Shape	Weight/Ft	Pounds
h	4	#6	14'-0"	straight	1.502	84
h1	6	#5	23'-6"	straight	1.043	147
s or s1	15	#4	4'-6"	u-shaped	0.668	45
s2	25	#4	6'-9"	u-shaped	0.668	113
vi(E)	17	#4	1'-10"	straight	0.668	20
					Total	409
					Use (Neares	410
DIMENSIONS OF BENT BARS						
	a	b	c (x2)	d	e (x2)	Length
s or s1			1'-6"	9"	4 1/2"	4'-6"
s2			2'-3"	9"	4 1/2"	6'-9"

GENERAL NOTES

1. The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1 1/2" unless noted otherwise.
2. The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completely filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional 1/3 turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.
3. The approximate total length of the galvanized steel pipe is +/- 94'.
4. All dimensions are to be verified in the field. Cutting of the standard weight pipe angles to the exact length and drilling holes is to be done in the field.
5. This work will be paid for at the contract unit price per foot for "TRAVERSABLE PIPE GRATE" which price shall include all material, labor, and equipment to complete the installation as shown.

drawing not to scale



TPGBC-ZS-1

8-21-13

Grating for S.N. 010-8169
Sta. 212+62.00 LT & RT

FILE NAME =	USER NAME =	DESIGNED -	REVISED
ct:\pw_work\psidot\cear-lock\jd\0307603\Culvert Details - Super Cells.cel	Super Cells.cel	CHECKED -	REVISED
PLOT SCALE =	DRAWN -	CHECKED -	REVISED
PLOT DATE =	CHECKED -		REVISED

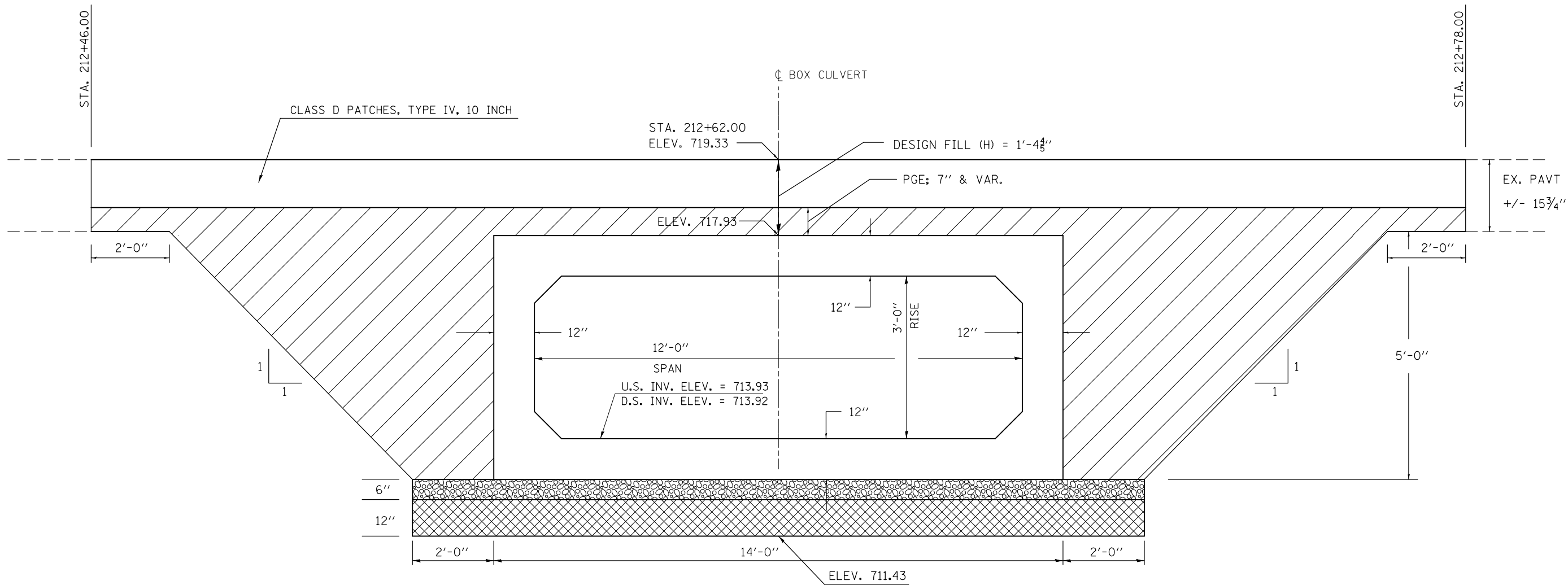
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAVERSABLE PIPE GRATE (SPECIAL)

SHEET NO. 6 OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	60
CONTRACT NO. 70985				

ILLINOIS FED. AID PROJECT



STONE RIPRAP, CLASS A1

STONE RIPRAP, CLASS A1 SHALL BE USED DUE TO UNSTABLE SOIL CONDITIONS

THE WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 281 OF THE STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR STONE RIPRAP, CLASS A1.

THE EXCAVATION AND REMOVAL OF THE UNSUITABLE MATERIAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE PAY ITEM FOR STONE RIPRAP, CLASS A1.

POROUS GRANULAR EMBANKMENT

POROUS GRANULAR EMBANKMENT SHALL EXTEND 2 FT. BEYOND THE AGGREGATE SHOULDER

THE WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 207 AND ARTICLE 540 OF THE STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR POROUS GRANULAR EMBANKMENT.

THE AREA TO BE EXCAVATED FOR THE PROPOSED BOX CULVERT SHALL NOT BE MEASURED FOR PAYMENT. THE COST OF THE EXCAVATION SHALL BE CONSIDERED AS INCLUDED IN THE COST OF PRECAST CONCRETE BOX CULVERTS AND BOX CULVERT END SECTIONS.

BILL OF MATERIAL

Item	Unit	Total
POROUS GRANULAR EMBANKMENT	CU YD	89.0
STONE RIPRAP, CLASS A1	TON	64.0

LEGEND

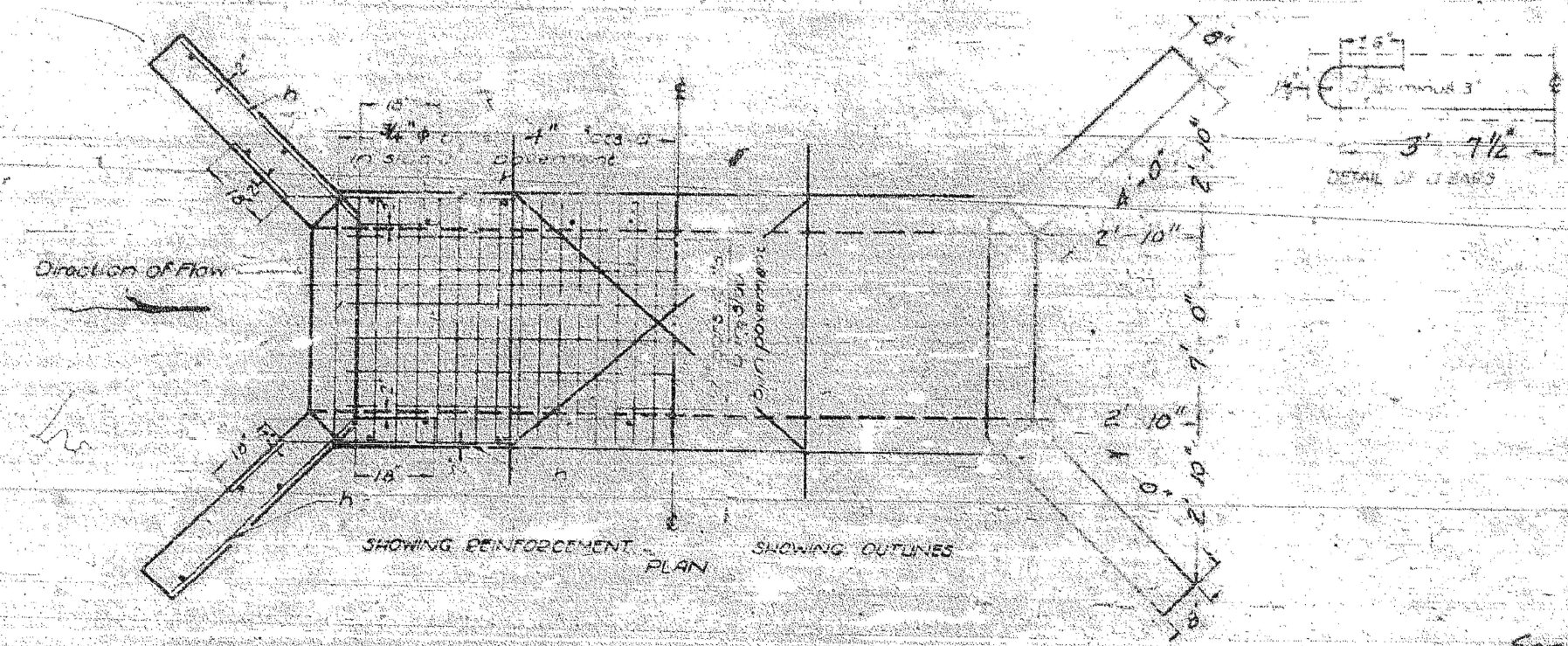
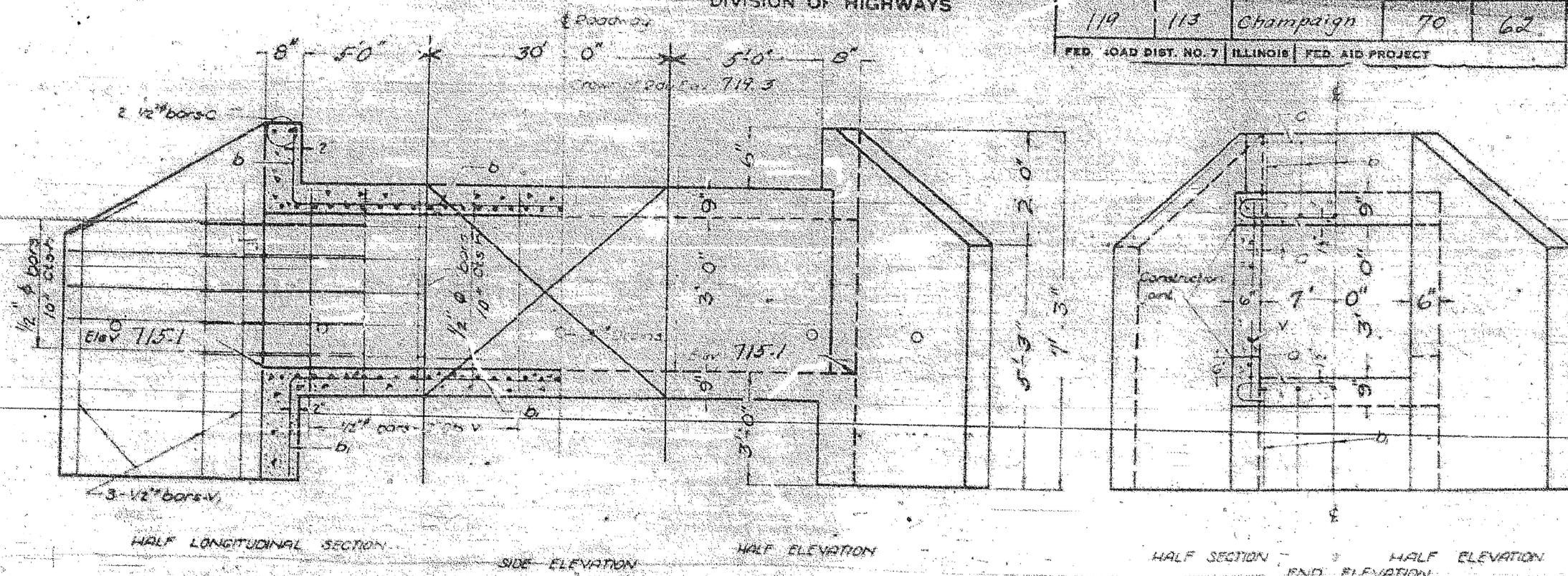
	POROUS GRANULAR EMBANKMENT (CA-6)
	POROUS GRANULAR MATERIAL (CA-7) (6") INCLUDED WITH PRECAST BOX CULVERT
	STONE RIPRAP, CLASS A1

FOR INFORMATION ONLY

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

BOND ISSUE ROUTE NO.	PROJECT NO.	COUNTY	TOTAL SHEETS	SHEET NO.
119	113	Champaign	70	62
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL

Bars	Number	Size	Length
a	68	3/4"	9'-9"
b	14	1/2"	6'-0"
c	14	"	8'-0"
d	4	"	15'-0"
e	40	"	5'-0"
f	20	"	4'-3"
g	12	"	7'-0"

Reinforcing Steel - 1400
Class Concrete - 9.7

Class 9.7 concrete shall be used throughout.
All reinforcing steel shall be wired securely in place before the concrete is poured.

NOTE: BREAK OFF OLD HEADWALL.
TIE STEEL OF EXTENSION TO OLD HEADWALL STEEL.

SPECIAL COLLECT EXTENSION
S.B.I. ROUTE 119 CONC. SEC 113
CHAMPAIGN CO
STA 212+65

COMPUTED	—
DRAWN	—
CHECKED	—
DESIGNED	—
APPROVED	—
DATE	—

EXAMINED: Oct 19, 2014
DESIGNED: JAG
DRAWN: JAG
CHECKED: JAG
DATE: 10/17/2014

FILE NAME: c:\pw\work\p1dot\cearlock\j\d0309603\0570985-sht-structures.dgn	USER NAME: cealockjd	DESIGNED: JAG	REVISED: —
PLOT SCALE: 48.0000' / in.	CHECKED: —	REVISIONS: —	REVISIONS: —
DATE: 10/17/2014	DATE: —	REVISIONS: —	REVISIONS: —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE INFORMATION

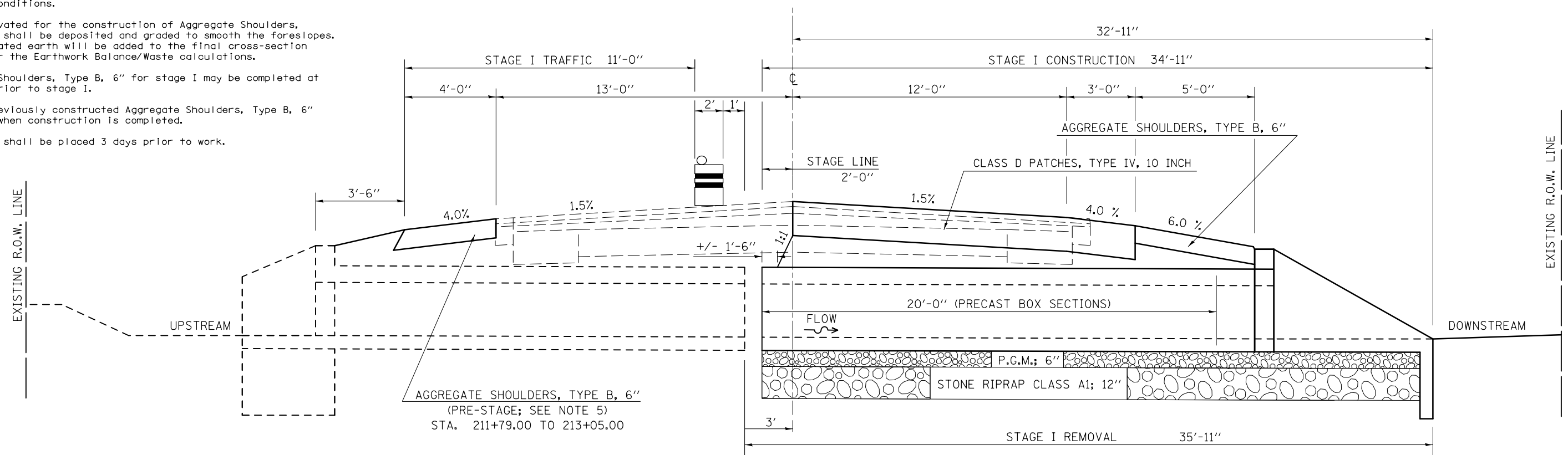
SCALE: SHEET 8 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	62
CONTRACT NO. 70985				

ILLINOIS FED. AID PROJECT

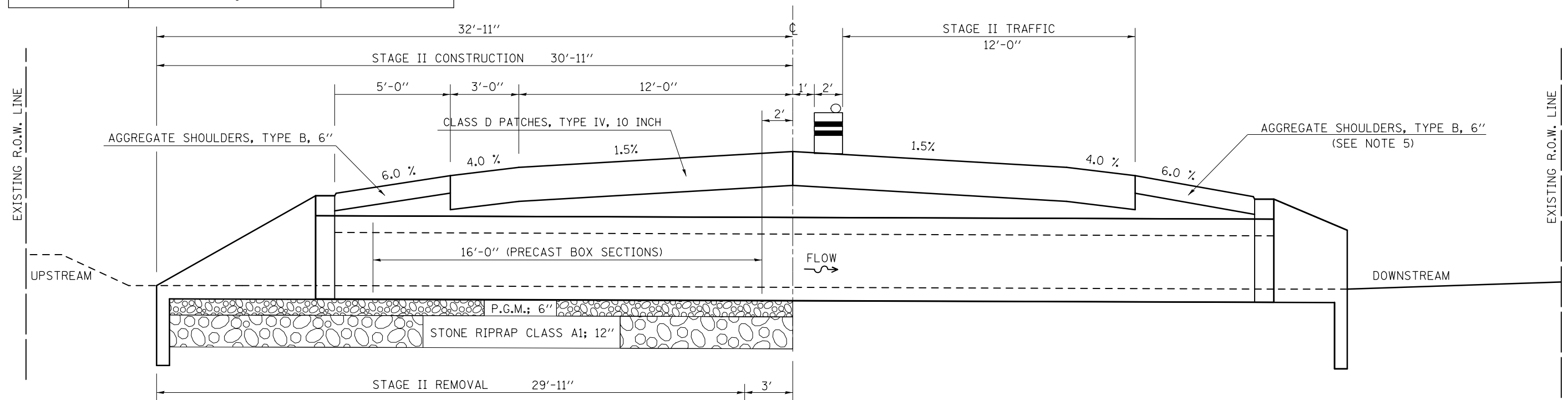
1. Refer to Special Provisions for TRAFFIC CONTROL AND PROTECTION, STANDARD 701206 and STAGE CONSTRUCTION ACROSS ROAD STRUCTURES for additional information.
2. The Engineer may reduce or eliminate lengths or locations of Aggregate Shoulders, Type B, 6" and Earth Excavation based on field conditions.
3. Earth excavated for the construction of Aggregate Shoulders, Type B, 6" shall be deposited and graded to smooth the foreslopes. This excavated earth will be added to the final cross-section volumes for the Earthwork Balance/Waste calculations.
4. Aggregate Shoulders, Type B, 6" for stage I may be completed at any time prior to stage I.
5. Replace previously constructed Aggregate Shoulders, Type B, 6" as needed when construction is completed.
6. CMS boards shall be placed 3 days prior to work.

STAGE I



TRAFFIC CONTROL	ESTIMATED TIME	CHANGEABLE MESSAGE SIGNS
HS 701206	2 Days - 48 hrs. (2) - 12 hr. Day Shifts (2) - 12 hr. Night Shifts	2 EACH AT 5.0 CAL DAY = 10.0 CAL DAY

STAGE II



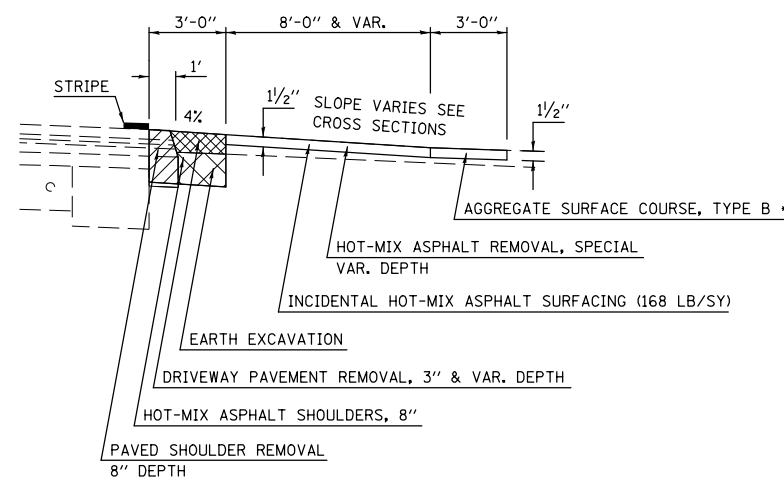
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ei:\pwork\pwork\ceerlockjd\0309603\0570985-sht-structures.dgn		DRAWN - JAG	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS			
PROPOSED S.N. 010-8169			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	63
				CONTRACT NO. 70985
ILLINOIS FED. AID PROJECT				

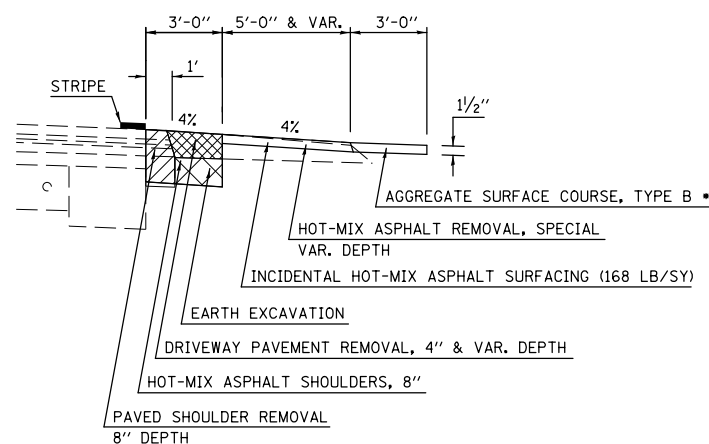
PRIVATE & COMMERCIAL ENTRANCES
MILLING & RESURFACING



THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

LT 140+40.93	C.E. (H.M.A.)	LT 281+14.93	P.E. (AGG)
LT 172+46.22	C.E. (H.M.A.)	LT 286+48.37	P.E. (AGG)
LT 211+58.49	P.E. (AGG)	LT 287+22.31	P.E. (AGG)
LT 213+62.65	C.E. (H.M.A.)	LT 289+00.62	P.E. (PCC)
LT 220+75.82	C.E. (H.M.A.)	LT 290+54.36	P.E. (HMA)
LT 221+69.68	C.E. (H.M.A.)	LT 292+71.40	P.E. (AGG)
LT 224+55.65	C.E. (AGG)	LT 293+41.50	P.E. (AGG)
LT 225+72.44	C.E. (AGG)	LT 296+59.87	P.E. (AGG)
LT 226+58.92	C.E. (H.M.A.)	LT 308+27.29	P.E. (AGG)
LT 228+58.77	C.E. (AGG)	RT 326+88.91	P.E. (AGG)
LT 230+59.12	C.E. (H.M.A.)	LT 336+19.94	P.E./MBTO (AGG)
LT 231+67.73	C.E. (AGG)	RT 357+42.00	P.E. (AGG)
LT 233+11.95	P.E. (AGG)	RT 369+99.45	C.E. (HMA)
LT 234+58.66	P.E. (AGG)	RT 372+31.56	C.E. (HMA)
LT 235+19.52	P.E. (AGG)	LT 379+30.56	P.E. (AGG)
LT 236+29.32	P.E. (EARTH)	LT 380+39.47	P.E. (EARTH)
LT 236+95.09	P.E. (AGG)	RT 397+44.52	P.E. (AGG)
LT 238+10.36	P.E. (PCC)	RT 398+53.48	P.E./MBTO (AGG)
LT 239+15.09	P.E. (HMA)	LT 418+66.75	C.E. (AGG)
LT 240+20.69	P.E. (HMA)	RT 418+79.34	C.E. (AGG)
LT 241+34.36	P.E. (HMA)	RT 419+64.36	C.E. (AGG)
LT 242+65.96	P.E. (HMA)	LT 419+77.21	C.E. (AGG)
RT 260+33.50	P.E./MBTO (AGG)	RT 420+32.64	C.E. (AGG)
LT 281+14.93	P.E. (AGG)		

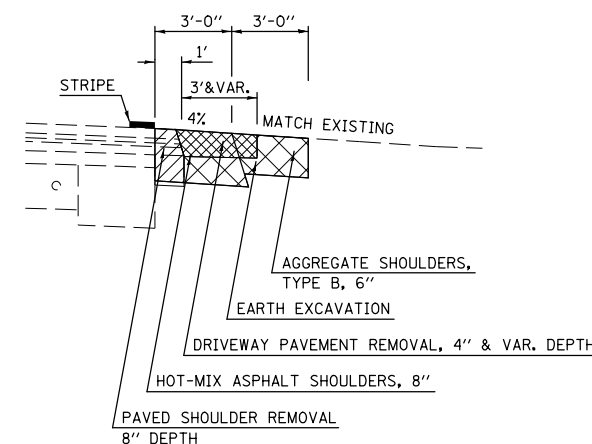
MAILBOX TURNOUTS
MILLING & RESURFACING



THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

RT 225+92.70	F.E. (EARTH)
RT 226+69.16	F.E. (EARTH)
RT 228+37.50	P.E. (AGG)
RT 235+87.05	P.E. (AGG)
RT 236+63.92	P.E. (AGG)
RT 239+01.58	P.E. (AGG)
RT 241+01.67	P.E. (AGG)
RT 243+00.04	P.E. (HMA)
RT 244+60.41	P.E. (AGG)
RT 244+86.31	P.E. (AGG)
RT 245+98.74	P.E. (AGG)
RT 247+42.76	P.E. (AGG)
RT 248+64.72	P.E. (AGG)
RT 249+86.16	P.E. (AGG)
RT 250+72.70	P.E. (AGG)
RT 251+28.15	P.E. (AGG)
RT 251+90.43	P.E. (HMA)
RT 279+59.90	F.E./MBTO (EARTH)
RT 288+26.03	F.E./MBTO (EARTH)
RT 296+54.84	MBTO
RT 308+27.29	MBTO
LT 326+88.91	MBTO
LT 357+42.00	MBTO

FIELD ENTRANCES

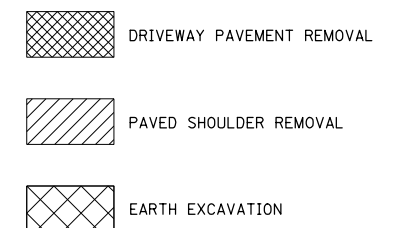


THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

LT 143+63.94	F.E. (EARTH) **
LT 160+49.85	F.E. (EARTH)
RT 171+02.66	F.E. (EARTH)
LT 181+19.25	F.E. (AGG)
RT 182+14.62	F.E. (AGG)
RT 190+74.03	F.E. (AGG)
LT 194+16.15	F.E. (EARTH)
RT 198+49.68	F.E. (EARTH)
LT 208+06.89	F.E. (EARTH)
RT 215+99.25	F.E. (EARTH)
LT 247+60.01	F.E. (EARTH)
LT 282+67.55	F.E. (EARTH) **
LT 309+79.41	F.E. (EARTH)
LT 315+08.83	F.E. (EARTH)
RT 334+32.03	F.E. (EARTH)
LT 340+49.31	F.E. (EARTH)
RT 351+37.66	F.E. (EARTH)
LT 367+75.79	F.E. (AGG)
LT 370+08.92	F.E. (EARTH)
RT 380+83.06	F.E. (EARTH)
LT 399+35.95	F.E. (AGG)
RT 401+07.87	F.E. (EARTH)
RT 408+16.84	F.E. (EARTH)
LT 408+41.35	F.E. (EARTH)

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES TO THE LIMITS SHOWN ON THE PLAN SHEETS AND CROSS SECTIONS.

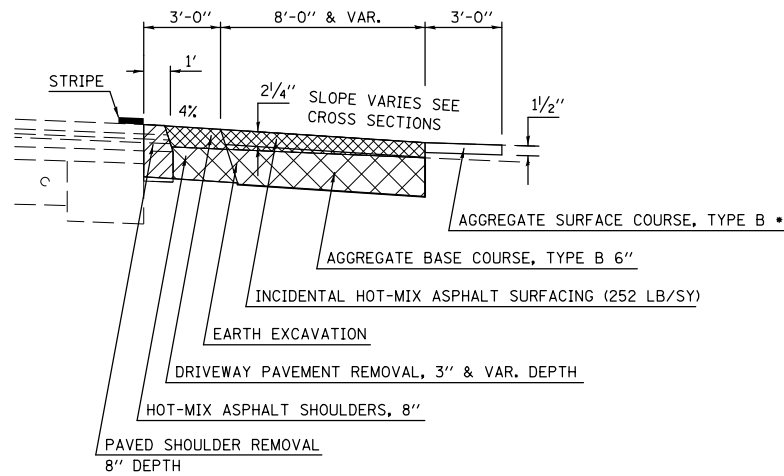


* AGGREGATE SURFACE COURSE, TYPE B ONLY REQUIRED AT LOCATIONS SHOWN ON PLAN SHEETS

** EXISTING HMA APRON TO BE REMOVED AND REPLACED WITH EARTH OUTSIDE OF PROPOSED AGGREGATE SHOULDER

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwwork\pwwork\ceerlockjd\0309603\0570985-sht-details.dgn	DRAWN -	REVISED -	709					113 I-1,CR	CHAMPAIGN	252	64	
#MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70985				
	PLOT DATE = 10/17/2014	DATE -	REVISED -					SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

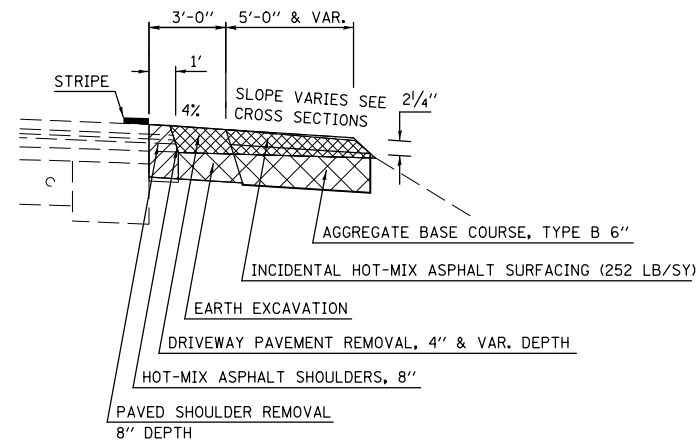
PRIVATE & COMMERCIAL ENTRANCES
REMOVAL & REPLACEMENT



THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

- LT 168+25.08 C.E. (H.M.A.)
- LT 170+41.03 C.E. (H.M.A.)
- RT 194+06.34 P.E. (AGG)
- LT 244+70.68 P.E. (HMA)
- LT 279+71.00 P.E. (HMA)
- LT 328+70.60 P.E. (AGG)
- LT 361+35.01 P.E. (HMA)

MAILBOX TURNOUTS
REMOVAL & REPLACEMENT

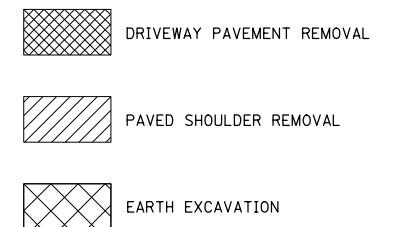


THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

- RT 160+48.57 P.E./MBTO (AGG)
- RT 195+40.86 MBTO (AGG)
- RT 268+78.00 P.E./MBTO (AGG)
- LT 329+22.12 P.E./MBTO (HMA)
- LT 332+44.18 P.E./MBTO (AGG)
- LT 395+60.96 P.E./MBTO (AGG)

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS.
6. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES TO THE LIMITS SHOWN ON THE PLAN SHEETS AND CROSS SECTIONS.
7. AT LOCATIONS OF DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT THE NEW PAVED ENTRANCE SHALL BE SLOPED LONGITUDINALLY TO PREVENT PONDING OF WATER.



* AGGREGATE SURFACE COURSE, TYPE B ONLY REQUIRED AT LOCATIONS SHOWN ON PLAN SHEETS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

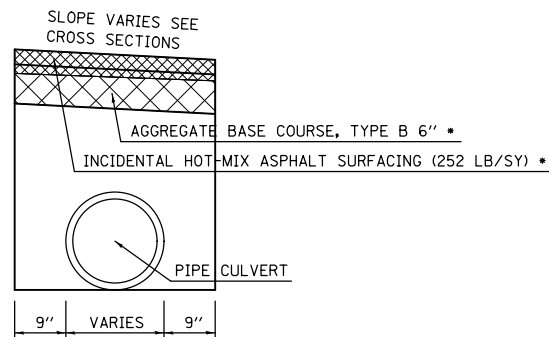
ENTRANCE DETAIL

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	65
				CONTRACT NO. 70985
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SURFACE

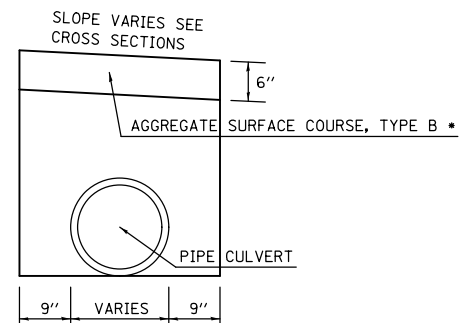
MILLING OR REPLACEMENT



THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

- LT 172+46.22 C.E. (H.M.A.)
- RT 194+06.34 P.E. (AGG)
- RT 243+00.04 P.E. (HMA)
- LT 244+70.68 P.E. (HMA)
- RT 268+78.00 P.E./MBTO (AGG)

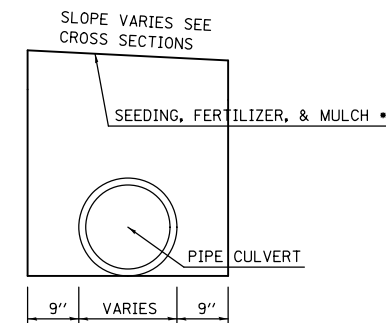
AGGREGATE SURFACE



THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

- RT 182+14.62 F.E. (AGG)
- RT 190+74.03 F.E. (AGG)
- RT 228+37.50 P.E. (AGG)
- RT 239+01.58 P.E. (AGG)
- RT 244+60.41 P.E. (AGG)
- LT 308+27.29 P.E. (AGG)

EARTH SURFACE



THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

- LT 160+49.85 F.E. (EARTH)
- LT 194+16.15 F.E. (EARTH)
- RT 198+49.68 F.E. (EARTH)
- LT 208+06.89 F.E. (EARTH)
- RT 215+99.25 F.E. (EARTH)
- RT 279+59.90 F.E./MBTO (EARTH)
- LT 309+79.41 F.E. (EARTH)
- RT 408+16.84 F.E. (EARTH)
- LT 408+41.35 F.E. (EARTH)

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. EARTH EXCAVATION REQUIRED FOR THE PLACEMENT OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE SURFACE COURSE.
3. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES TO THE LIMITS SHOWN ON THE PLAN SHEETS AND CROSS SECTIONS.



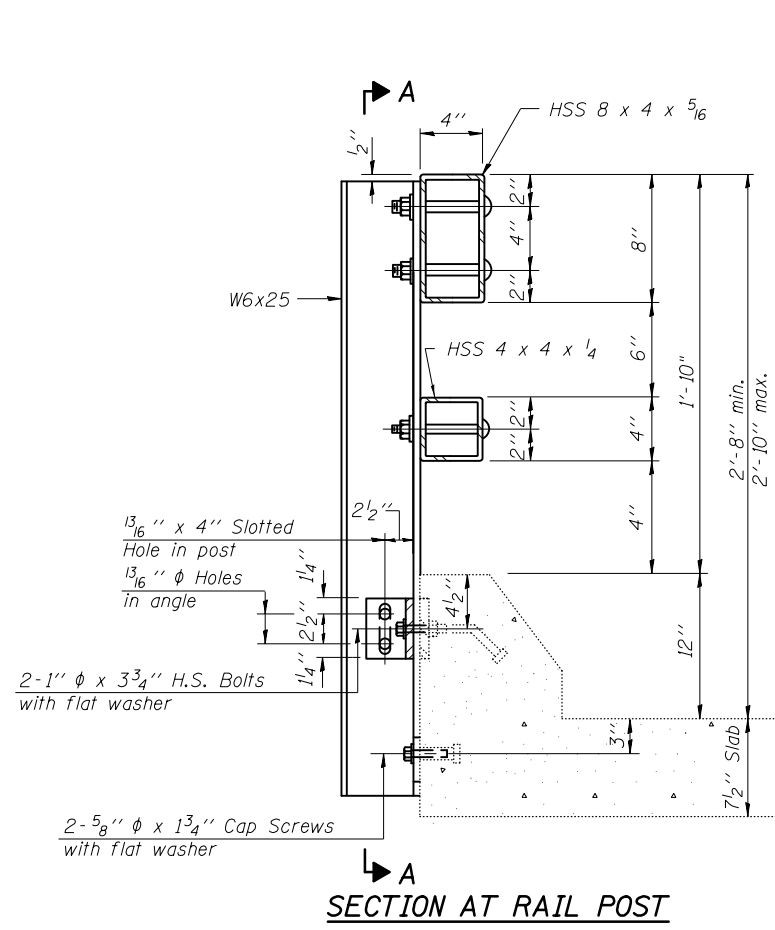
DRIVEWAY PAVEMENT REMOVAL



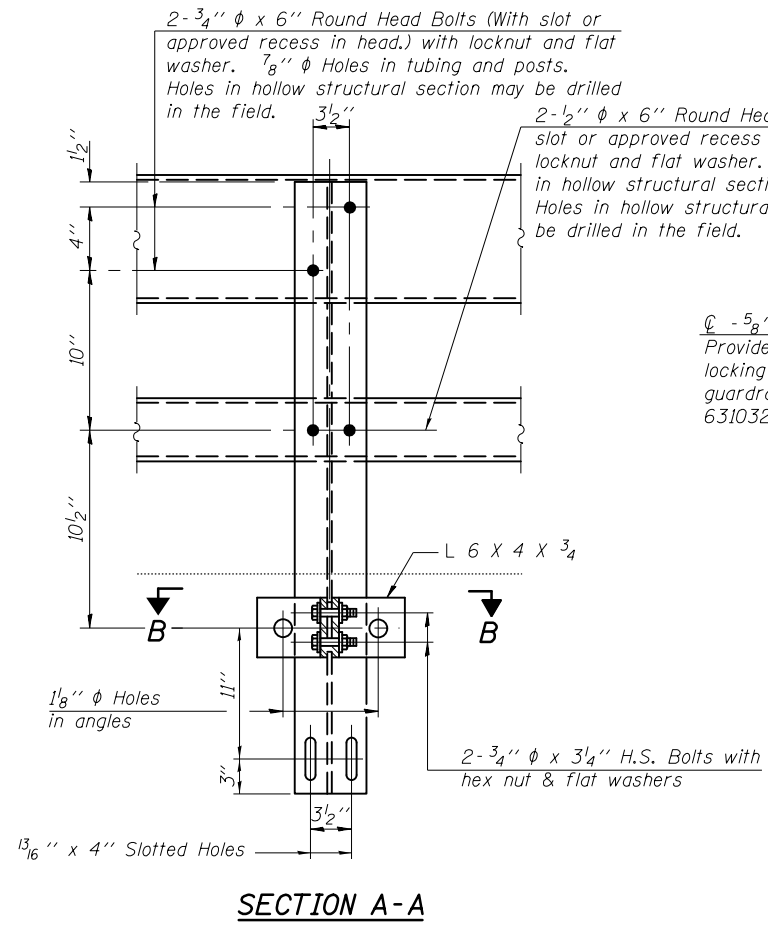
EARTH EXCAVATION

* SEE PLAN SHEETS AND CROSS SECTIONS FOR WIDTH

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIPE CULVERT DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\ceerlockjd\0309603\0570985-sht-details.dgn	DRAWN -	REVISED -	709					113 I-1,CR	CHAMPAIGN	252	66	
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/17/2014	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.		

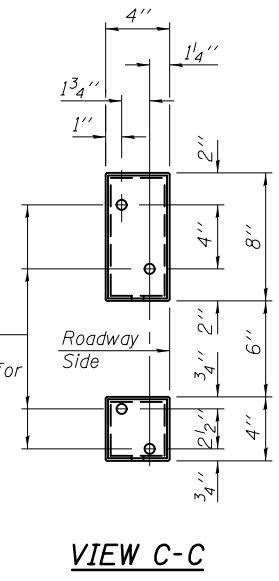


SECTION AT RAIL POST

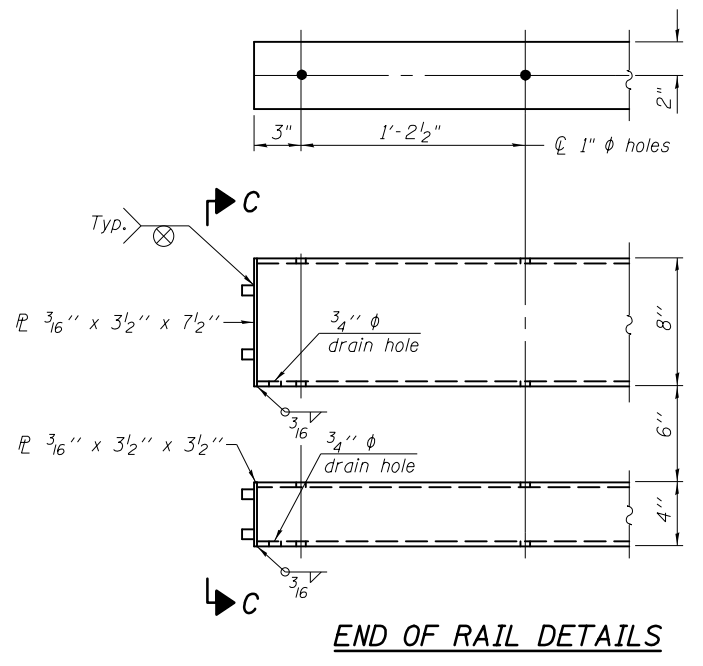


SECTION A-A

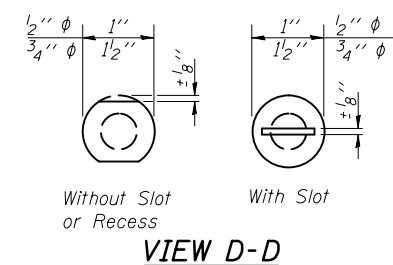
4 - 5/8" reduced base welded studs. Provide 4 - 5/8" washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032.



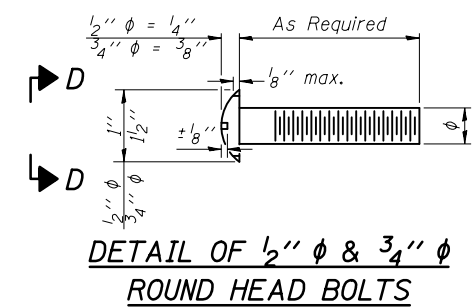
VIEW C-C



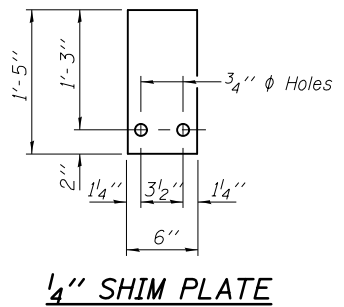
END OF RAIL DETAILS



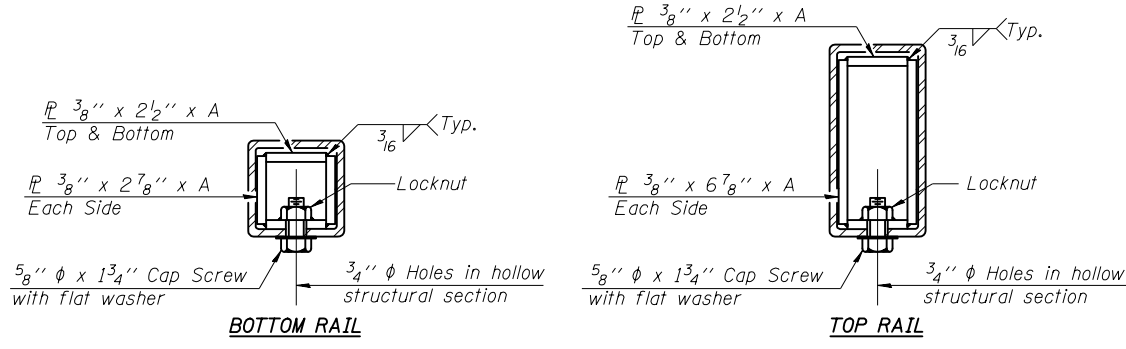
VIEW D-D



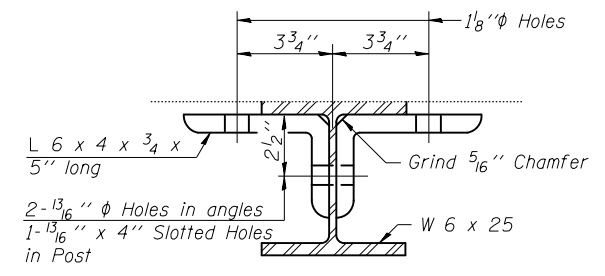
DETAIL OF 1/2" & 3/4" ROUND HEAD BOLTS



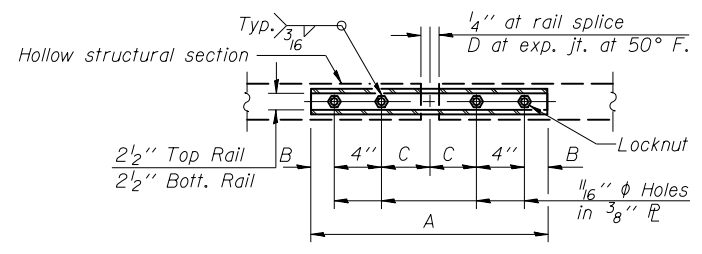
1/4" SHIM PLATE



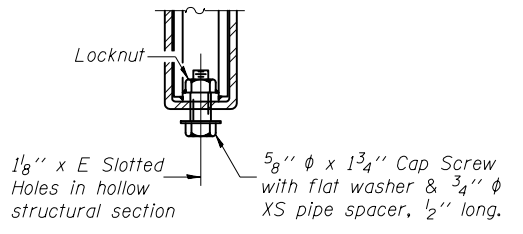
SECTIONS AT RAIL SPLICE



SECTION B-B



PLAN-BOTT. SPLICE TYPICAL



RAIL SPLICE CONNECTION AT EXPANSION JT.

Notes:
 All field drilled holes shall be coated with an approved zinc rich paint before erection.
 Rail posts shall be installed at the locations of existing cast-in-place anchors. There are 5 existing anchors on the north side of the structure on +/-10' centers and 3 existing anchors on the south side of the structure on +/-9' centers. The contractor shall field verify the anchor locations prior to rail fabrication and erection.
 Steel Bridge Rail expansion joint shall be provided between any two (2) posts which span a bridge expansion joint. Bolts located at expansion joint shall be provided with locknuts and shall be tightened only to a point that will allow railing movement.
 For multi-span bridges, sufficient 1#4" x 6" x 1'-5" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type T1 (SPECIAL).
 All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

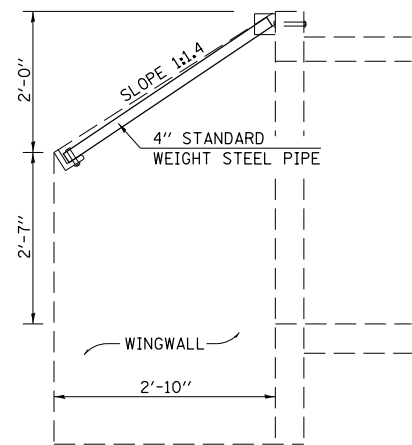
SPLICE DIMENSIONS

T	D	A	B	C	E
≤ 4"	2 1/2"	1'-8"	2"	4"	2 1/2"
> 4" ≤ 6 1/2"	3 3/4"	2'-0"	2 1/2"	5 1/2"	3 1/2"
> 6 1/2" ≤ 9"	5"	2'-4"	3 1/2"	6 1/2"	9"
> 9" ≤ 13"	7"	2'-10"	4 1/2"	8 1/2"	11"
Rail Splice	1/4"	1'-8"	2"	4"	—

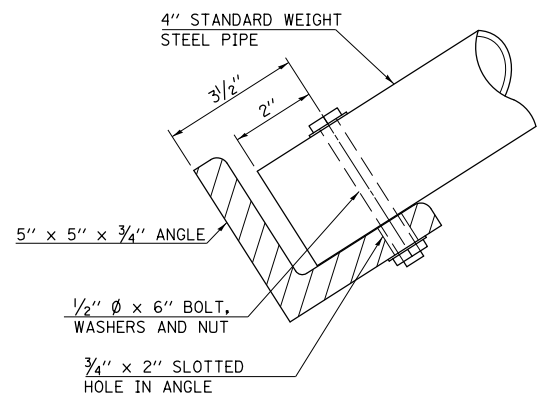
T = Total movement at expansion joint as shown on the design plans.

BILL OF MATERIAL

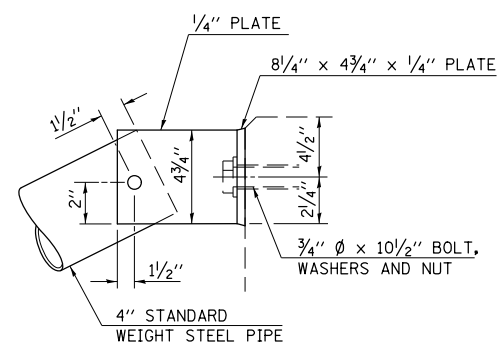
Item	Unit	Quantity
Steel Railing, Type T1 (SPECIAL)	Foot	68



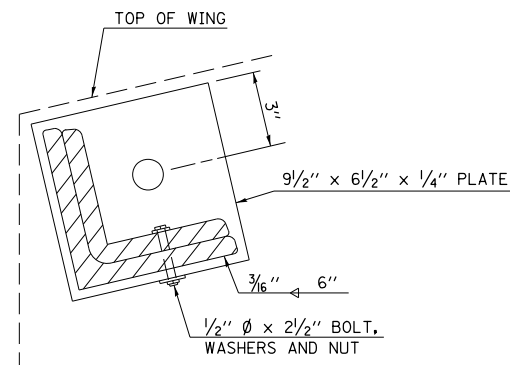
SIDE VIEW OF WINGWALL
SECTION A-A



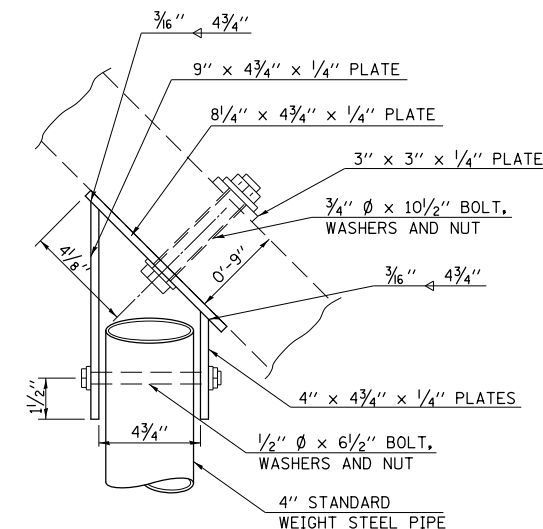
END VIEW OF WINGWALL
SECTION B-B



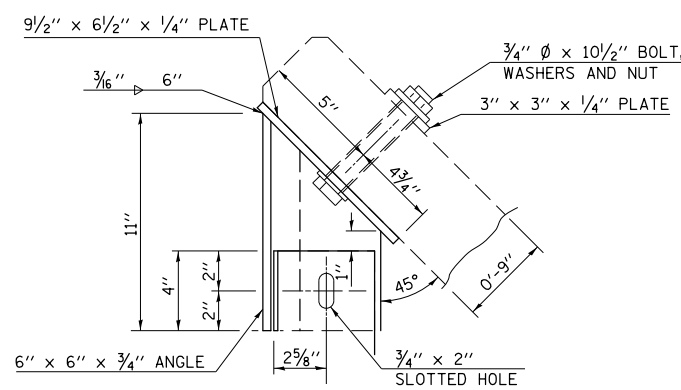
ELEVATION AT WINGWALL



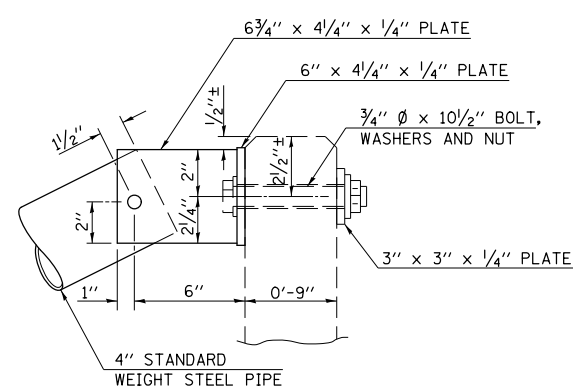
ELEVATION AT END OF WINGWALL



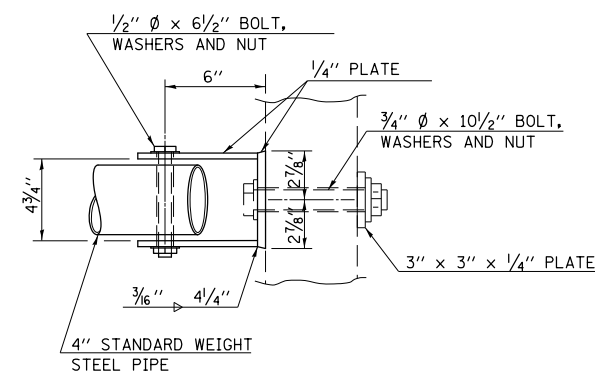
PLAN AT WINGWALL



PLAN AT END OF WINGWALL



ELEVATION AT HEADWALL

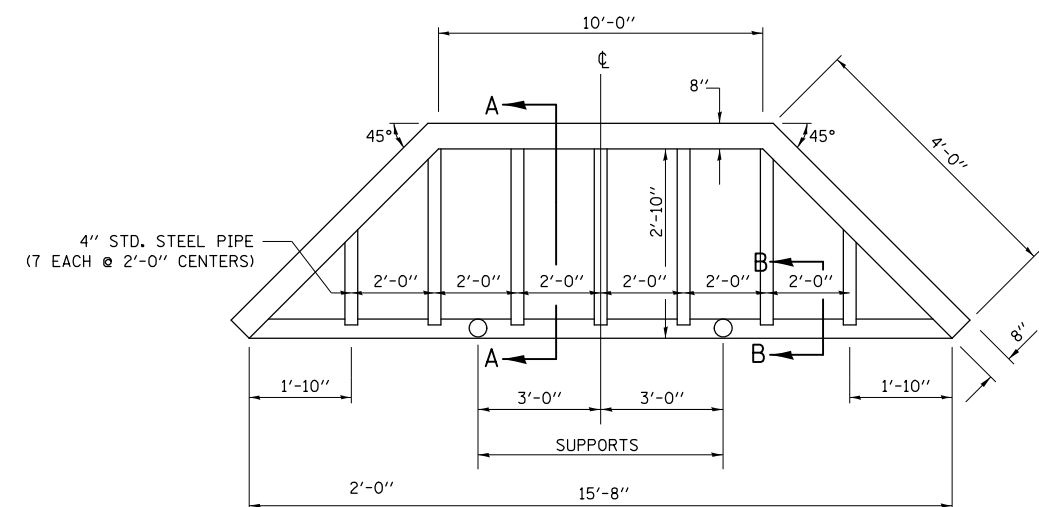


PLAN AT HEADWALL

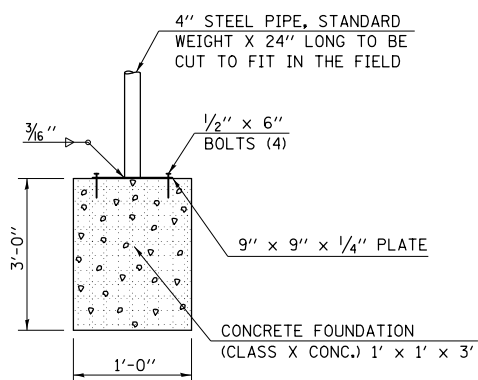
GENERAL NOTES

- BOLTS AND NUTS SHALL CONFORM TO A.S.T.M. A 307. ALL BOLTS SHALL HAVE WASHERS AT EACH END. HOLES SHALL BE 1/16" OVERSIZED UNLESS OTHERWISE NOTED EXCEPT IN CONCRETE WHICH SHALL BE 1/8" OVERSIZED.
- ANGLES AND 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.
- STEEL PIPES, ANGLES AND PLATES SHALL BE HOT DIPPED GALVANIZED CONFORMING TO THE REQUIREMENTS OF A.A.S.H.T.O. M 111.
- BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED CONFORMING TO THE REQUIREMENTS OF A.A.S.H.T.O. M 232.
- THE APPROXIMATE TOTAL LENGTH OF THE GALVANIZED STEEL PIPE IS +/- 54 FEET.
- ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD. CUTTING OF THE STANDARD WEIGHT PIPE AND ANGLES TO THE EXACT LENGTH AND DRILLING HOLES IS TO BE DONE IN THE FIELD.
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "GRATING FOR CONCRETE HEADWALL NO. 2" WHICH PRICE SHALL INCLUDE ALL MATERIAL, LABOR, AND EQUIPMENT TO COMPLETE THE INSTALLATION AS SHOWN.

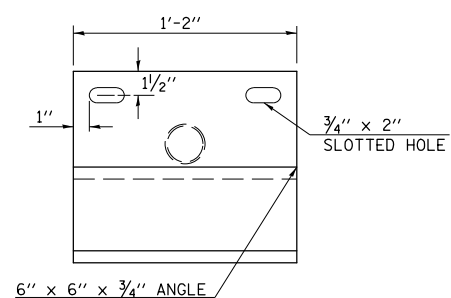
DRAWING NOT TO SCALE



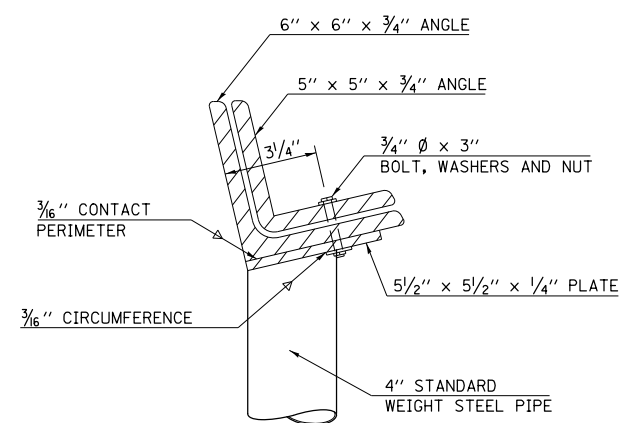
PLAN



SUPPORT FOUNDATION



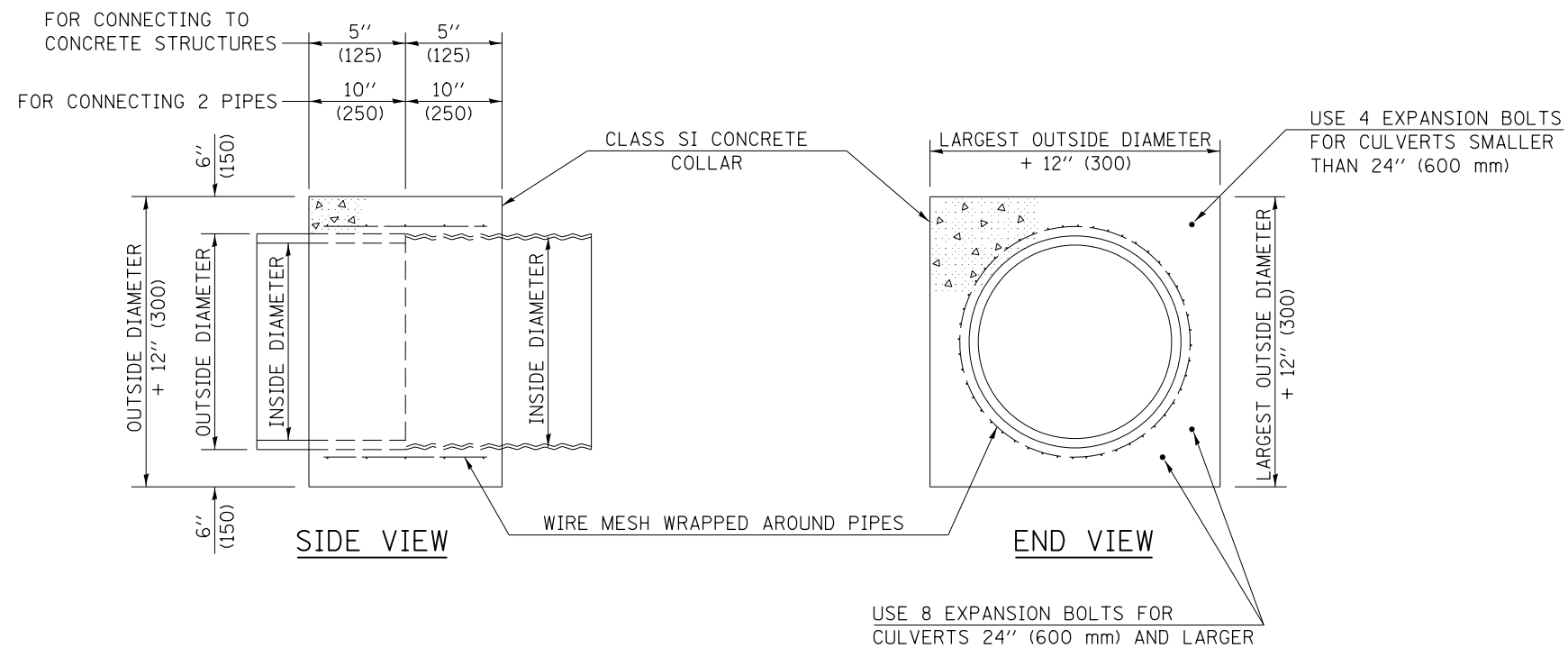
PLAN VIEW OF SUPPORT



END VIEW OF SUPPORT

GRATING FOR CONCRETE HEADWALL 10'X3'
SN 010-8071 (STA 294+95 LT & RT (2) REQ'D)

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRATING FOR CONCRETE HEADWALL NO. 2		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce:\pw\work\p\id\ceerlockjd\0309603\0570985-sht-details.dgn		DRAWN -	REVISED -				709	113 I-1,CR	CHAMPAIGN	252	68	
		CHECKED -	REVISED -				SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 70985			
MODELNAME		DATE -	REVISED -				ILLINOIS FED. AID PROJECT					



GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m²).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

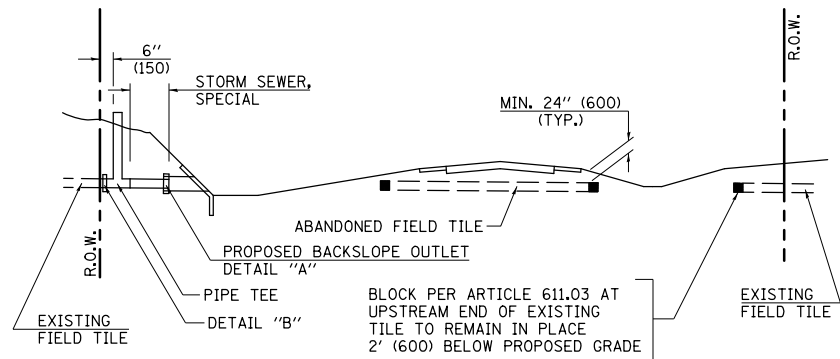
QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

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

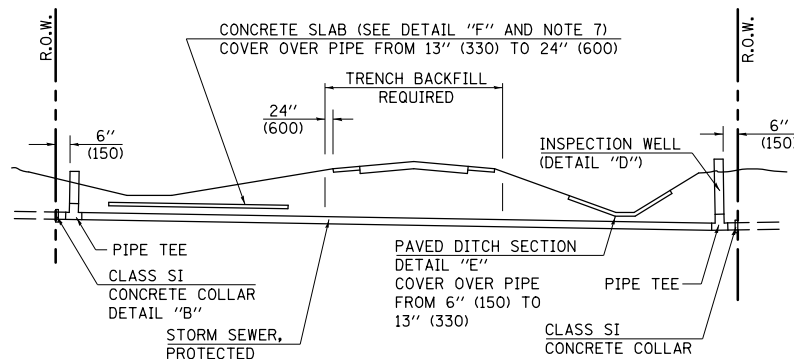
DISTRICT 5 DETAIL NO. 54248510

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 12/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE COLLAR				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0309603\0570985-sht-detail.dgn		DRAWN -	REVISED -		709	113 I-1,CR	CHAMPAIGN	252	69				
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 70985				
	PLOT DATE = 10/17/2014	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



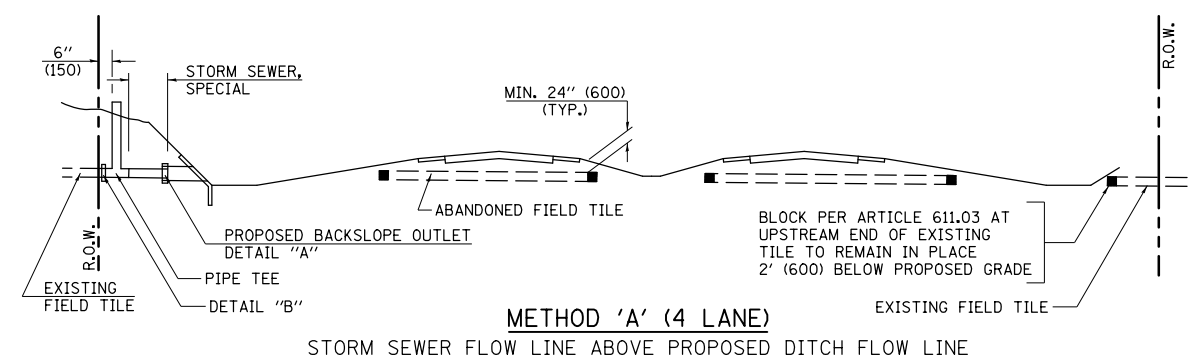
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



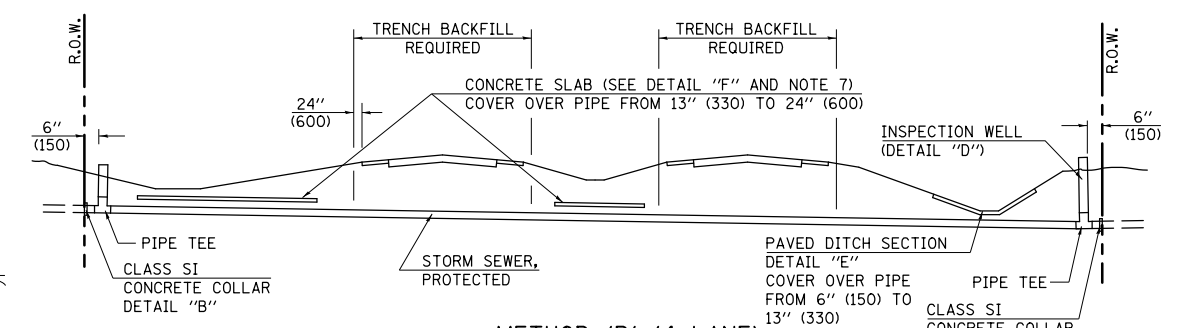
METHOD 'B' (2 LANE)

STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH



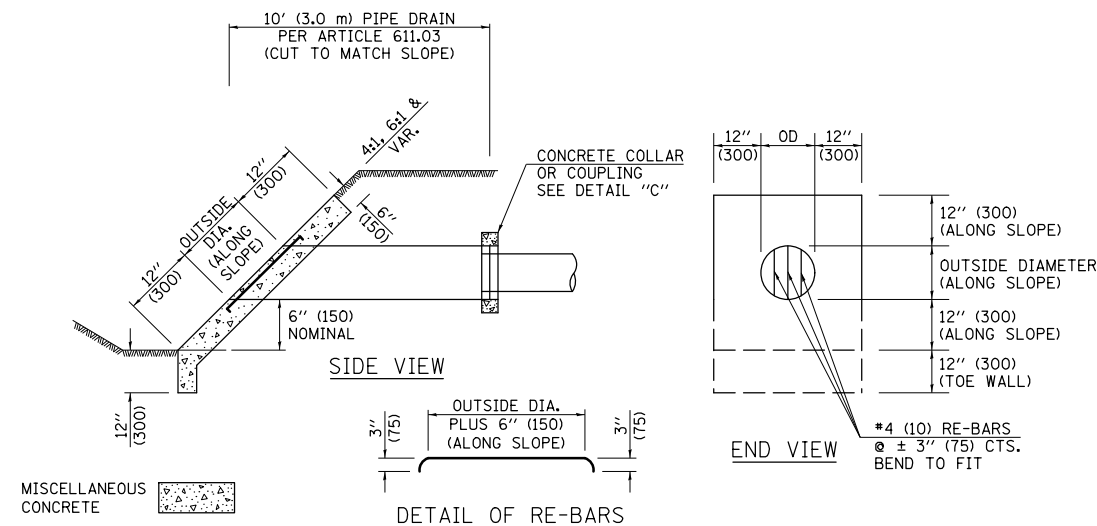
METHOD 'A' (4 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

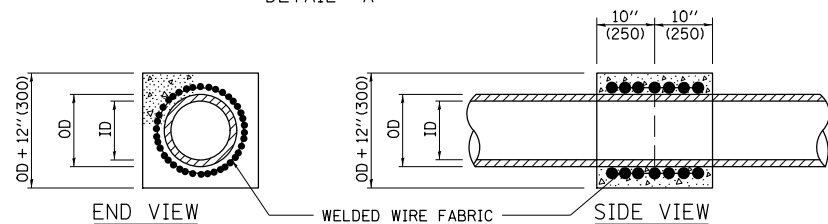


METHOD 'B' (4 LANE)

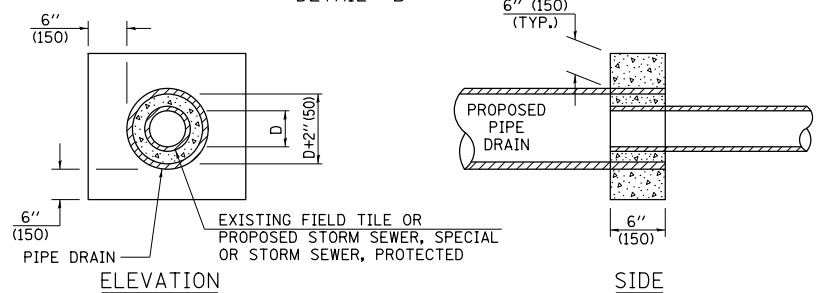
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES



**HEADWALL FOR BACKSLOPE OUTLET
DETAIL "A"**



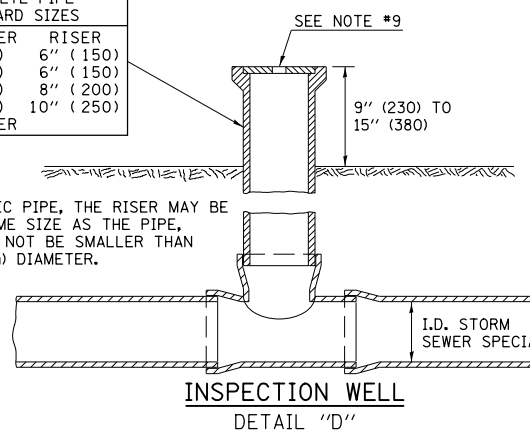
**CONCRETE COLLAR
DETAIL "B"**



**CLASS SI COLLAR
DETAIL "C"**

CONCRETE PIPE STANDARD SIZES	
STORM SEWER	RISER
6" (150)	6" (150)
8" (200)	6" (150)
10" (250)	8" (200)
12" (300)	10" (250)
OR GREATER	

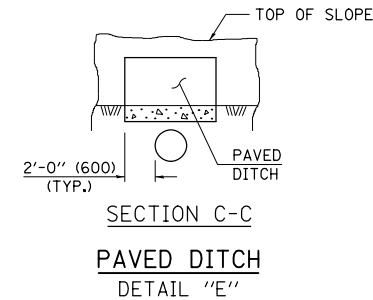
FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



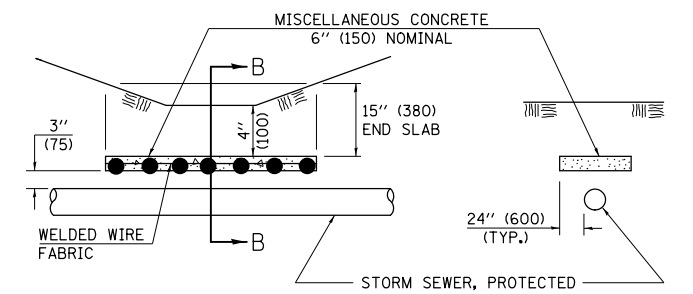
**INSPECTION WELL
DETAIL "D"**

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.



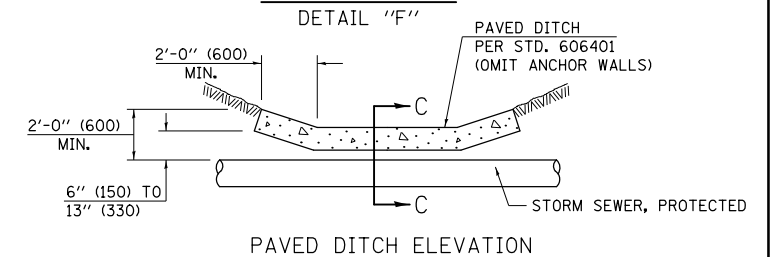
**SECTION C-C
PAVED DITCH
DETAIL "E"**



SLAB ELEVATION

**CONCRETE SLAB
DETAIL "F"**

SECTION B-B



PAVED DITCH ELEVATION

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

DISTRICT 5 DETAIL NO. 61101011A

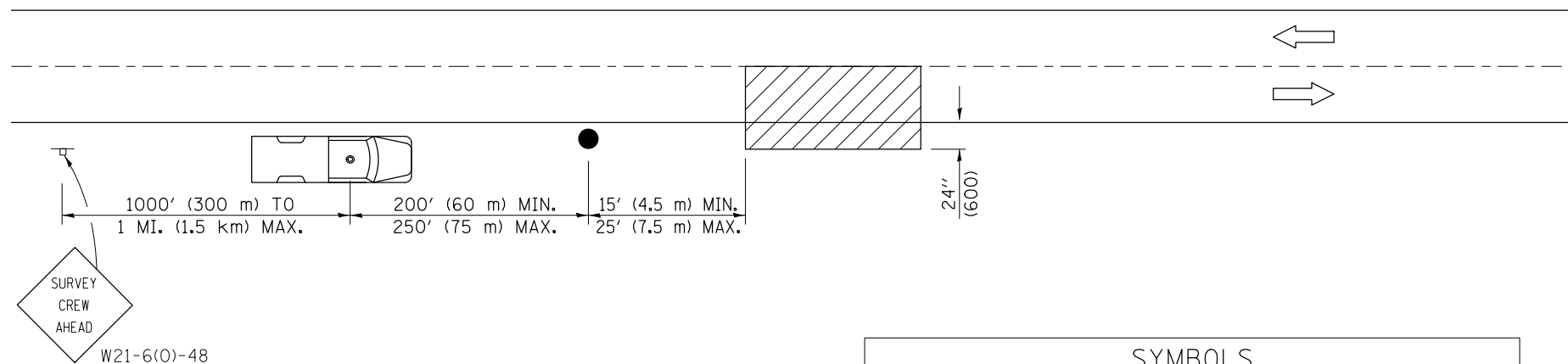
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ei:\pwork\pwork\ceorlockjd\0309603\0570985-sht-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIELD TILE SYSTEMS (TREATMENT OF EXISTING)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	70
CONTRACT NO. 70985			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



TYPICAL APPLICATIONS
UTILITY OPERATIONS

SYMBOLS	
	WORK AREA
	SIGN ON PORTABLE OR PERMANENT SUPPORT
	TRUCK WITH FLASHING AMBER LIGHT AND DUAL EMERGENCY FLASHERS
	FLAGGER WITH TRAFFIC CONTROL SIGN

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

DISTRICT 5 DETAIL NO. 7010000

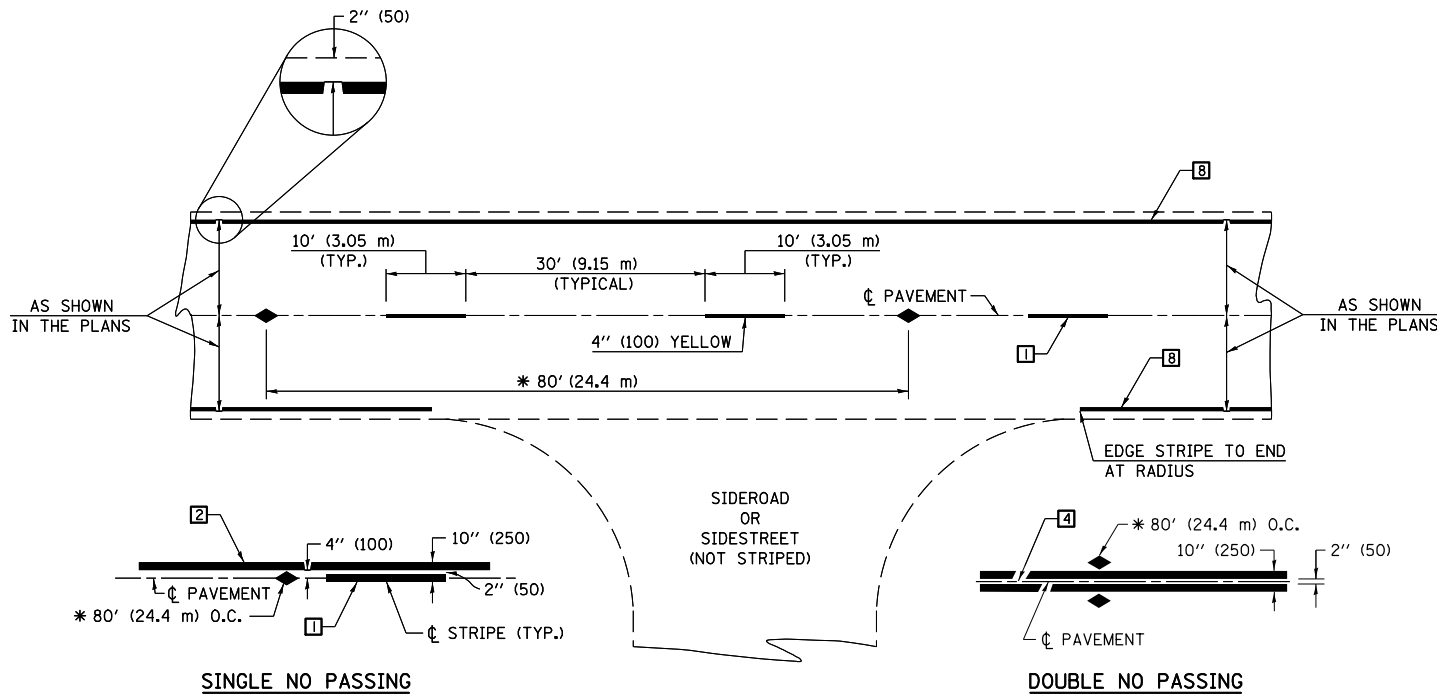
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ce:\pwwork\pwwork\ceerlockjd\0309603\0570985-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/17/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NIGHT TIME INSPECTION OF ROADWAY LIGHTING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	71
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT
CONTRACT NO. 70985				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

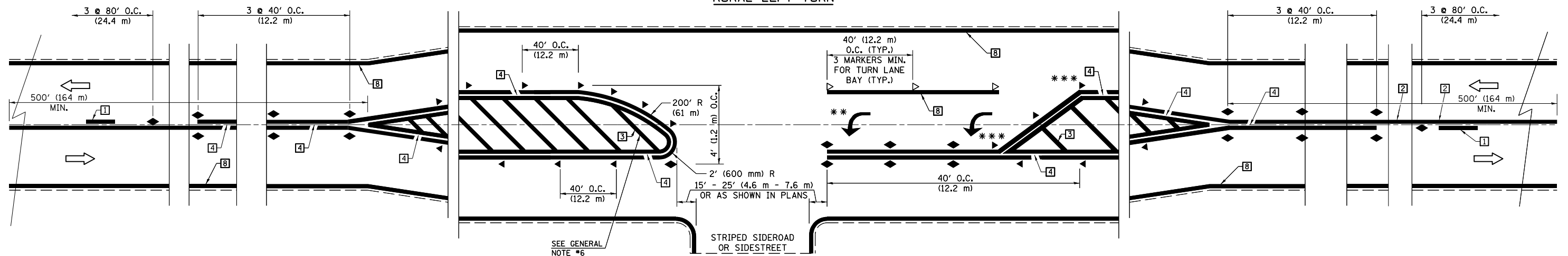
TYPICAL PAVEMENT MARKING LEGEND

- 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



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

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

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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\ceerlockjd\0309603\0570985-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
	PLOT DATE = 10/17/2014	DATE -	REVISED -

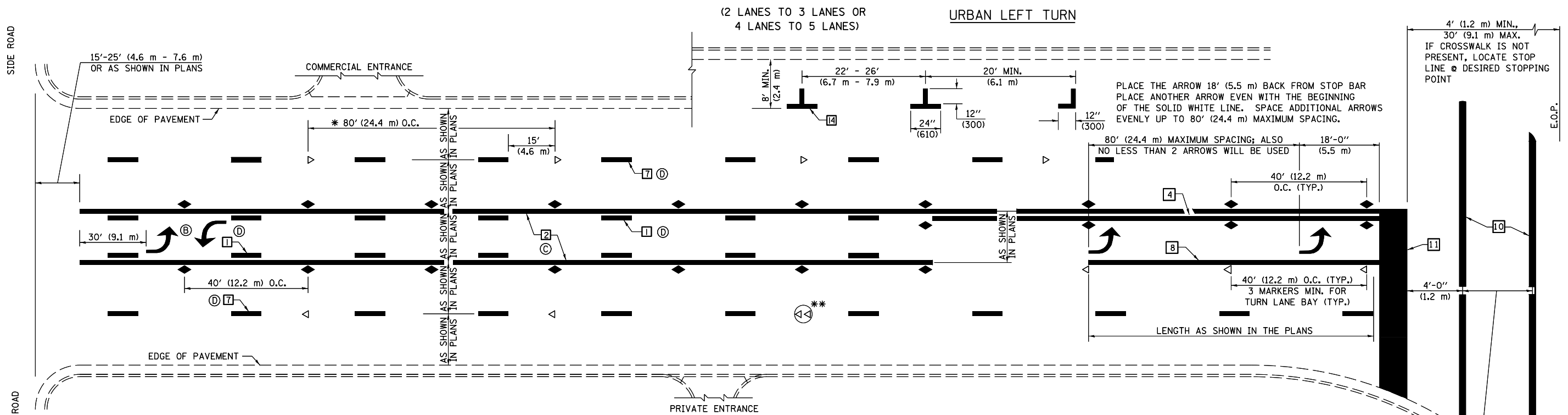
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

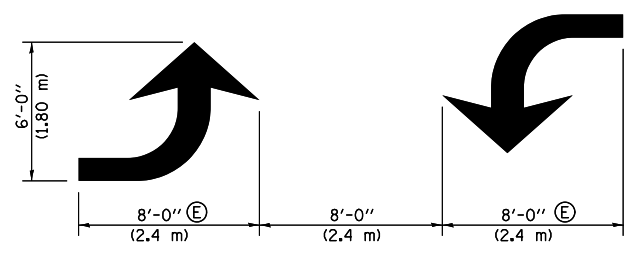
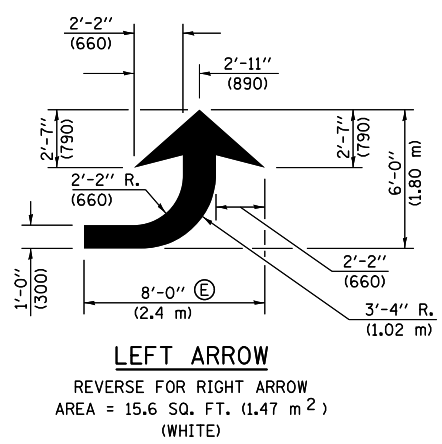
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	72
CONTRACT NO. 70985				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



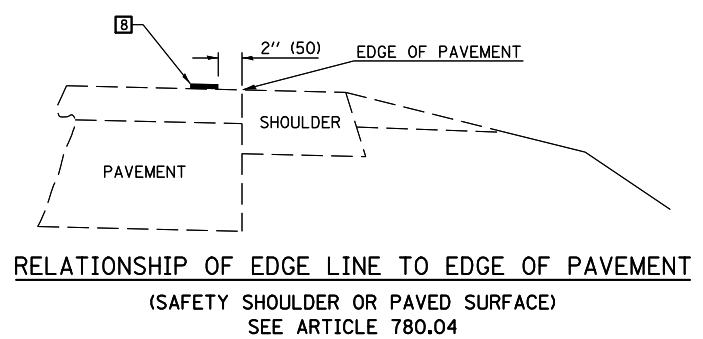
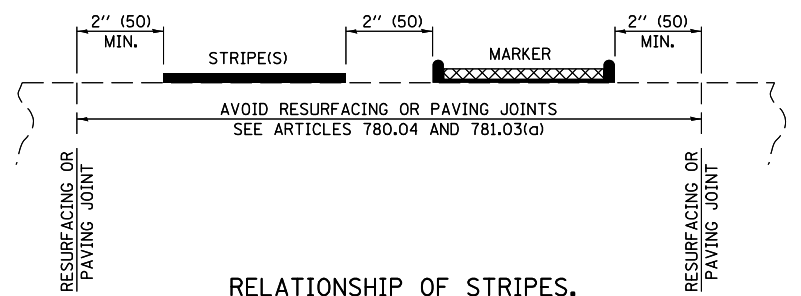
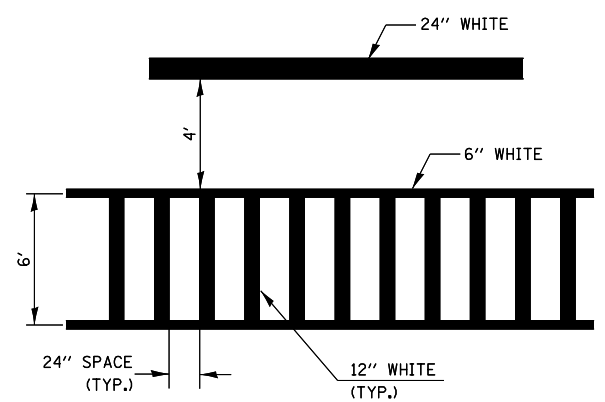
* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

- GENERAL NOTES:**
- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
 - ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
 - ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
 - ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



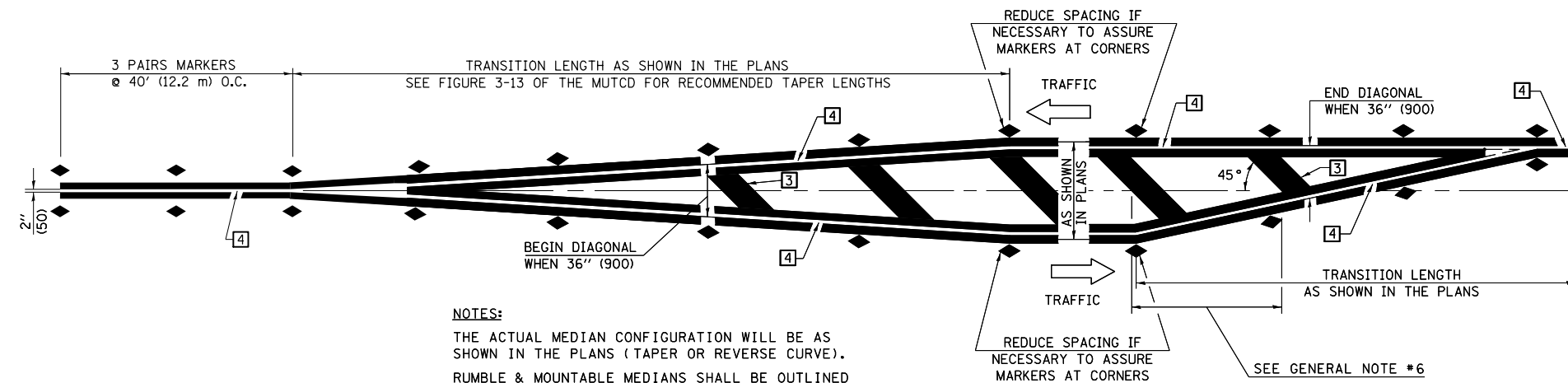
BLOOMINGTON-NORMAL CITY LIMITS ONLY



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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockjd\0309603\0570985-sht-details.dgn	DRAWN -	REVISED - 09/2009 - KJT	709				113 I-1,CR	CHAMPAIGN	252	73	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA	CONTRACT NO. 70985								
PLOT DATE = 10/17/2014	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.			

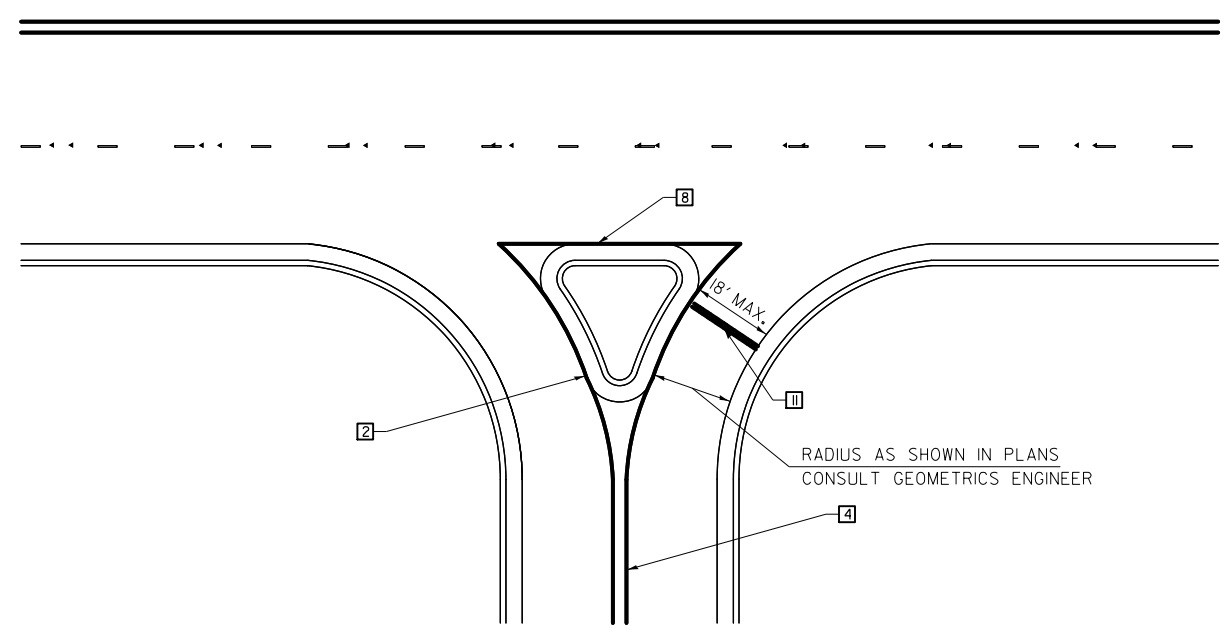


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

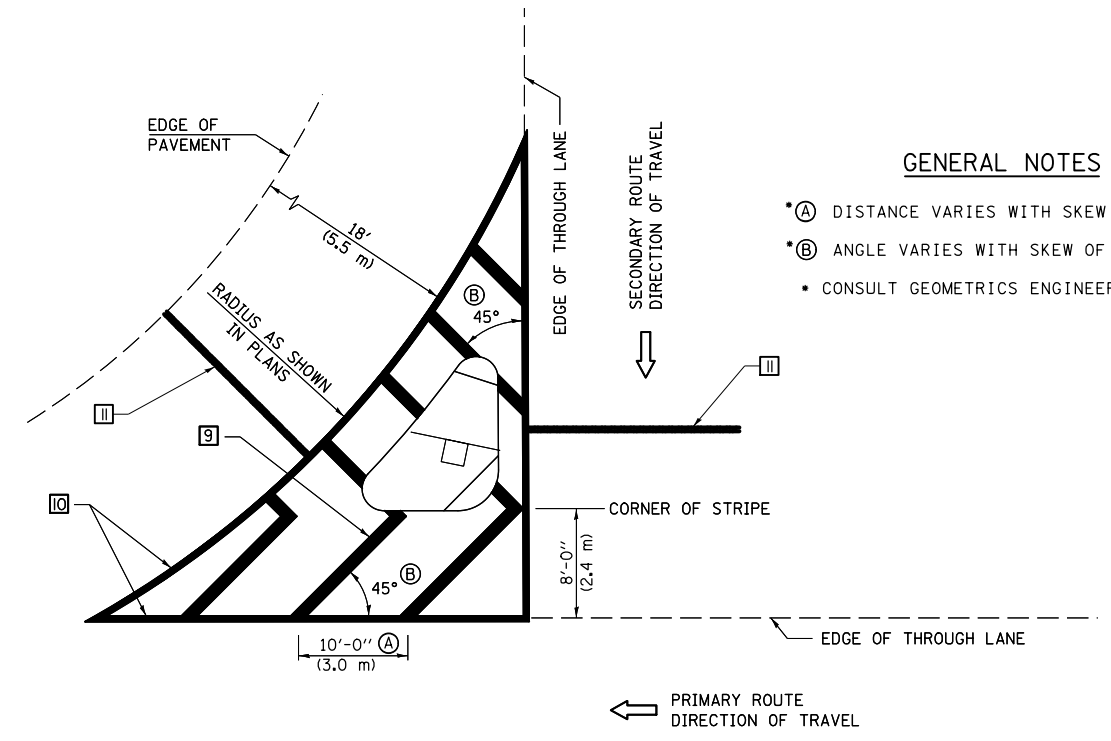
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

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

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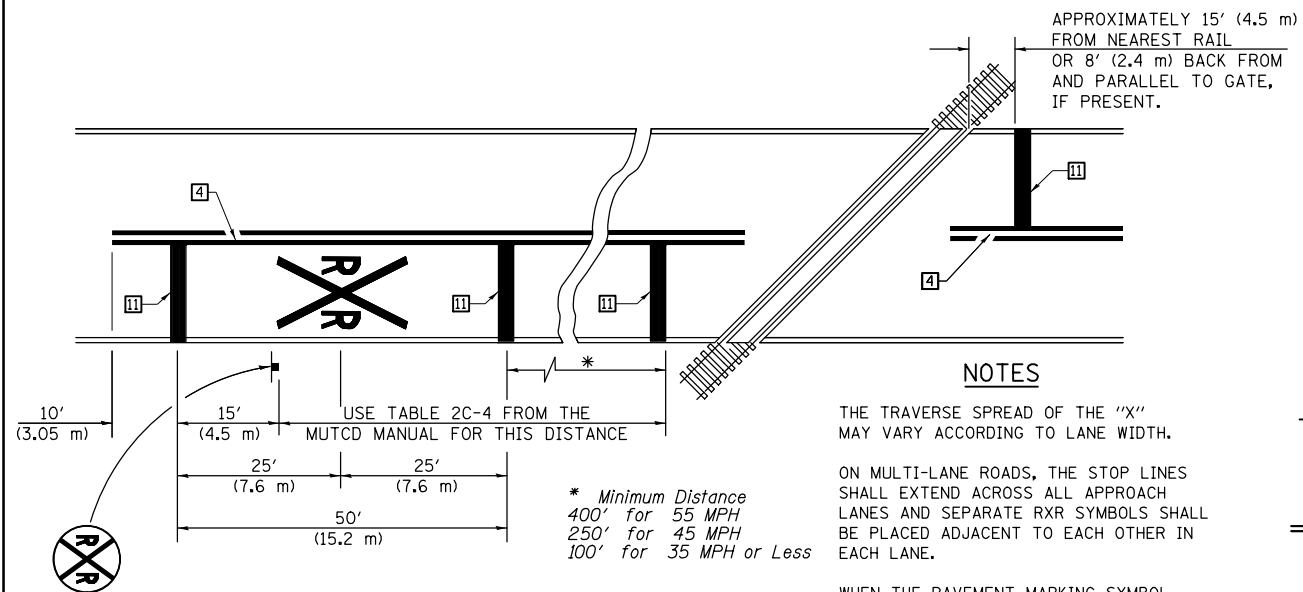
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	74
CONTRACT NO. 70985				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

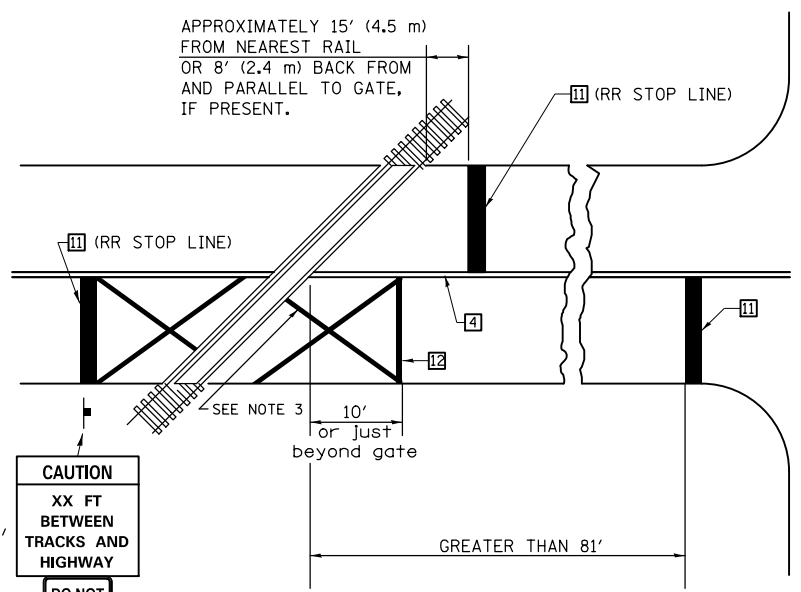
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

RAILROAD CROSSING WITH INTERCONNECT ONLY



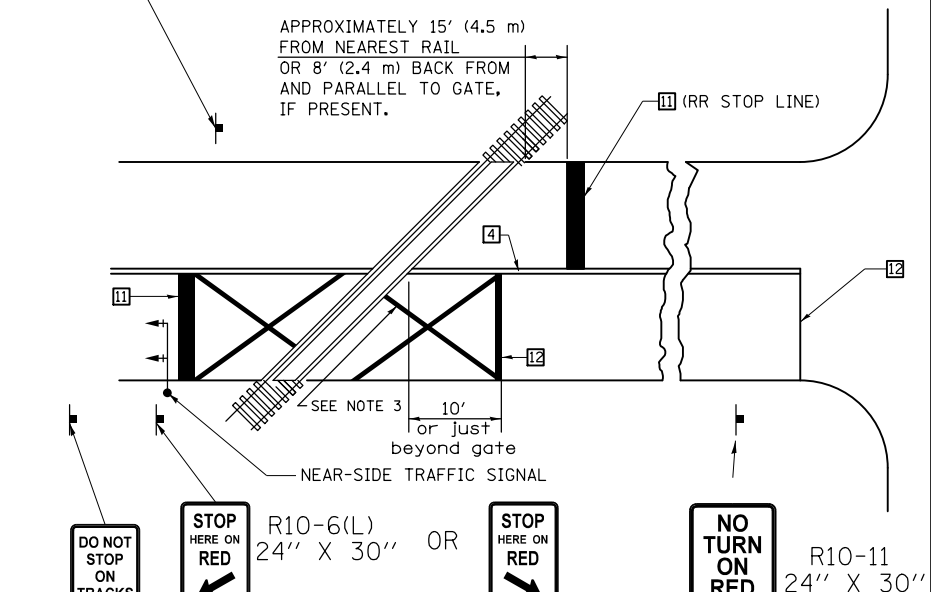
W10-1100
30" X 36"

CAUTION
XX FT BETWEEN TRACKS AND HIGHWAY

DO NOT STOP ON TRACKS

R8-8
24" X 30"

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



DO NOT STOP ON TRACKS (R8-8) 24" X 30"

ONLY IF SIGNAL HEAD CANNOT BE LOCATED IN MEDIAN

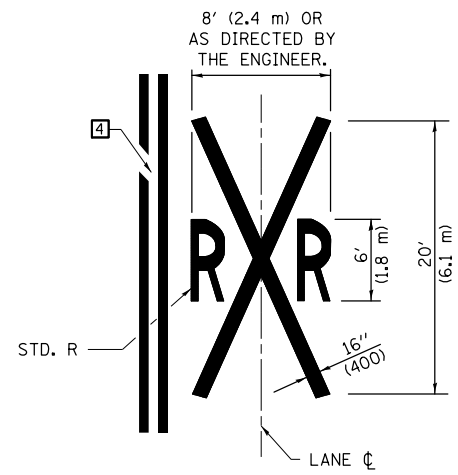
DO NOT STOP ON TRACKS

STOP HERE ON RED (R10-6(L)) 24" X 30" OR STOP HERE ON RED (R10-6(R)) 24" X 30" IF IN MEDIAN

NO TURN ON RED (R10-11) 24" X 30"

DO NOT STOP ON TRACKS (R8-8) 24" X 30"

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



ALTERNATE SIGNS

STOP HERE ON RED (R10-6a(L)) 24" X 30"

STOP HERE ON RED (R10-6a(R)) 24" X 30"

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

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

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	PLOT DATE = 10/17/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

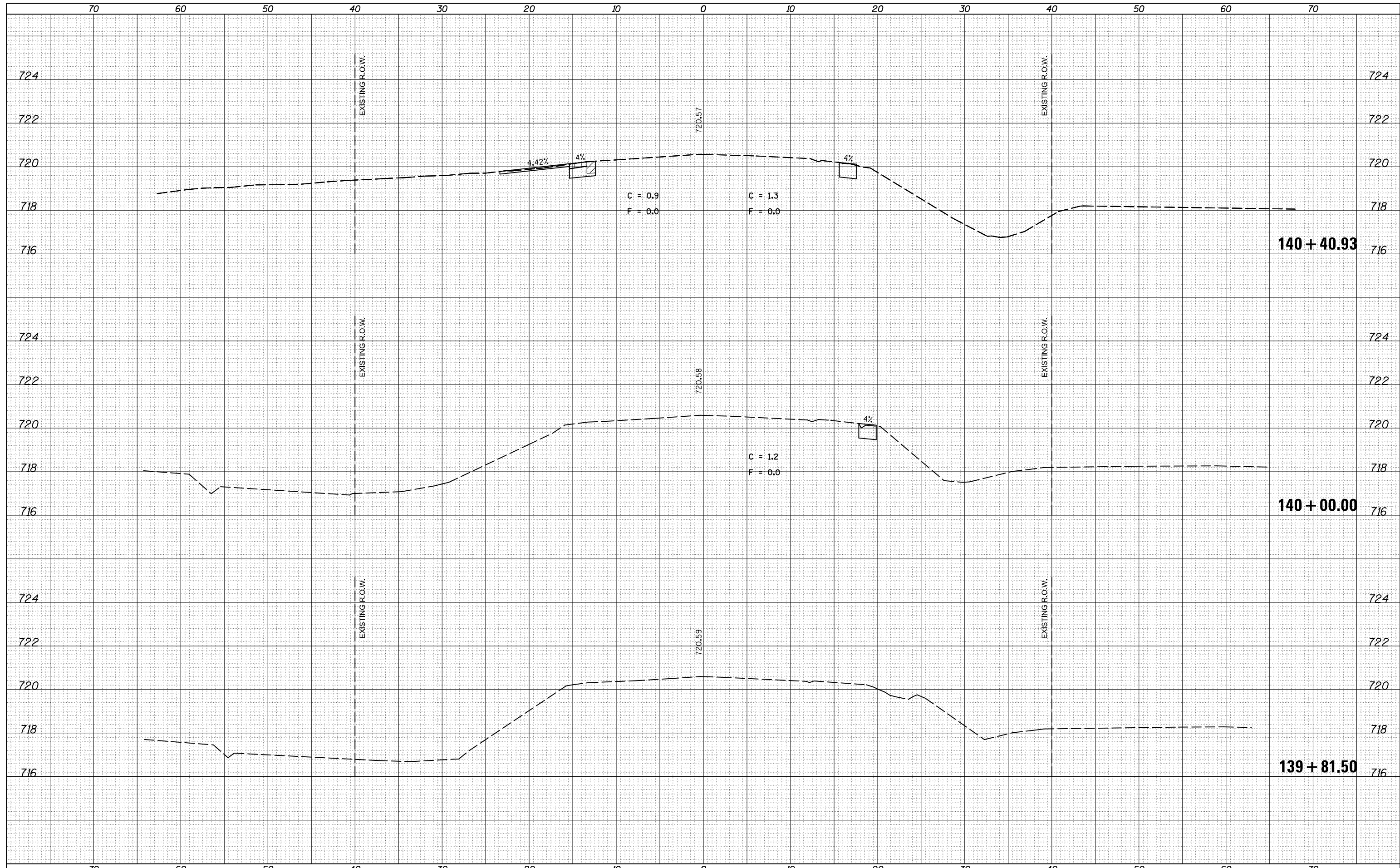
SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1,CR	CHAMPAIGN	252	75
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70985	

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

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



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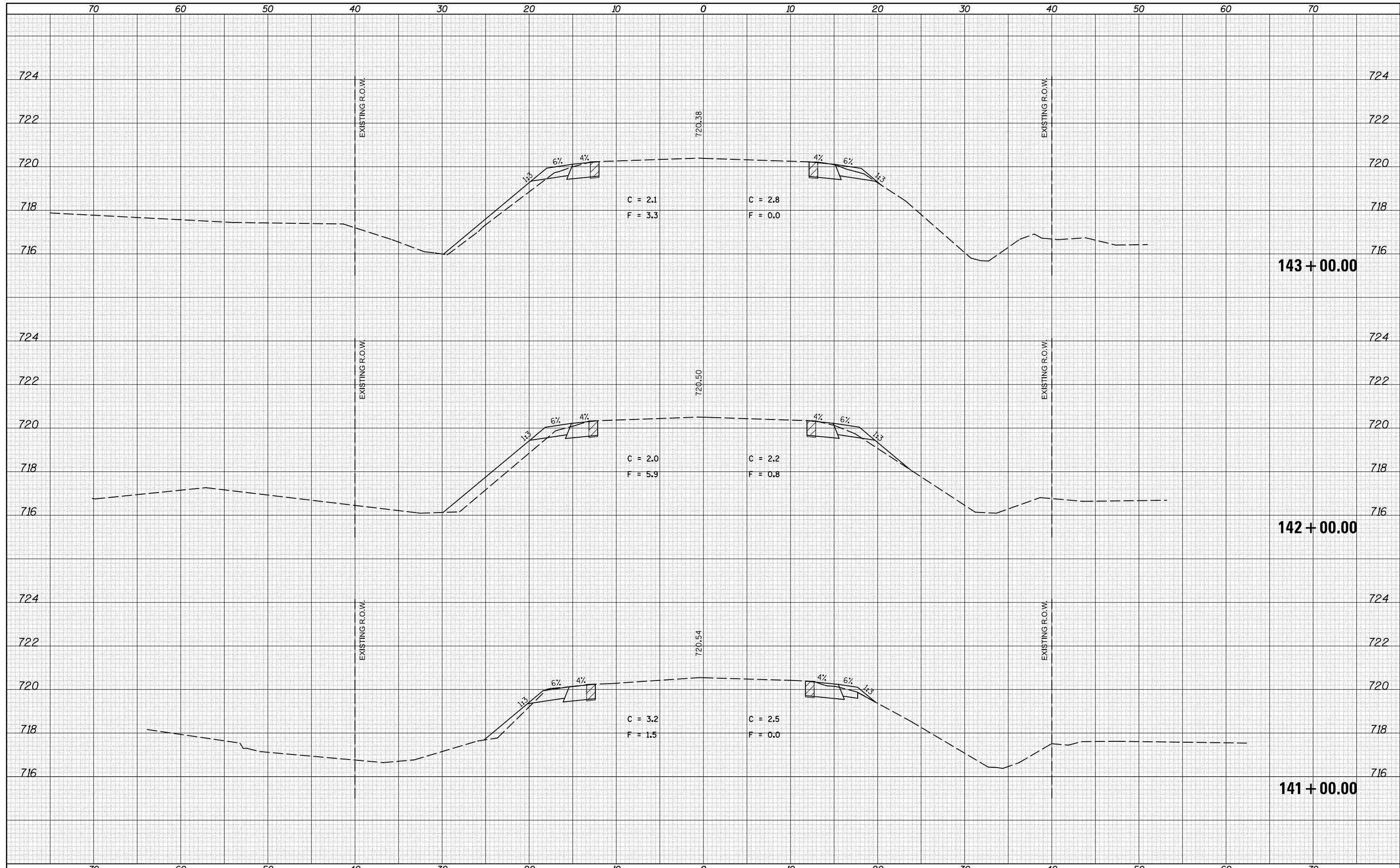
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - US 136
 SCALE: SHEET 1 OF 177 SHEETS STA. 139+81.50 TO STA. 140+40.93

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	76
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

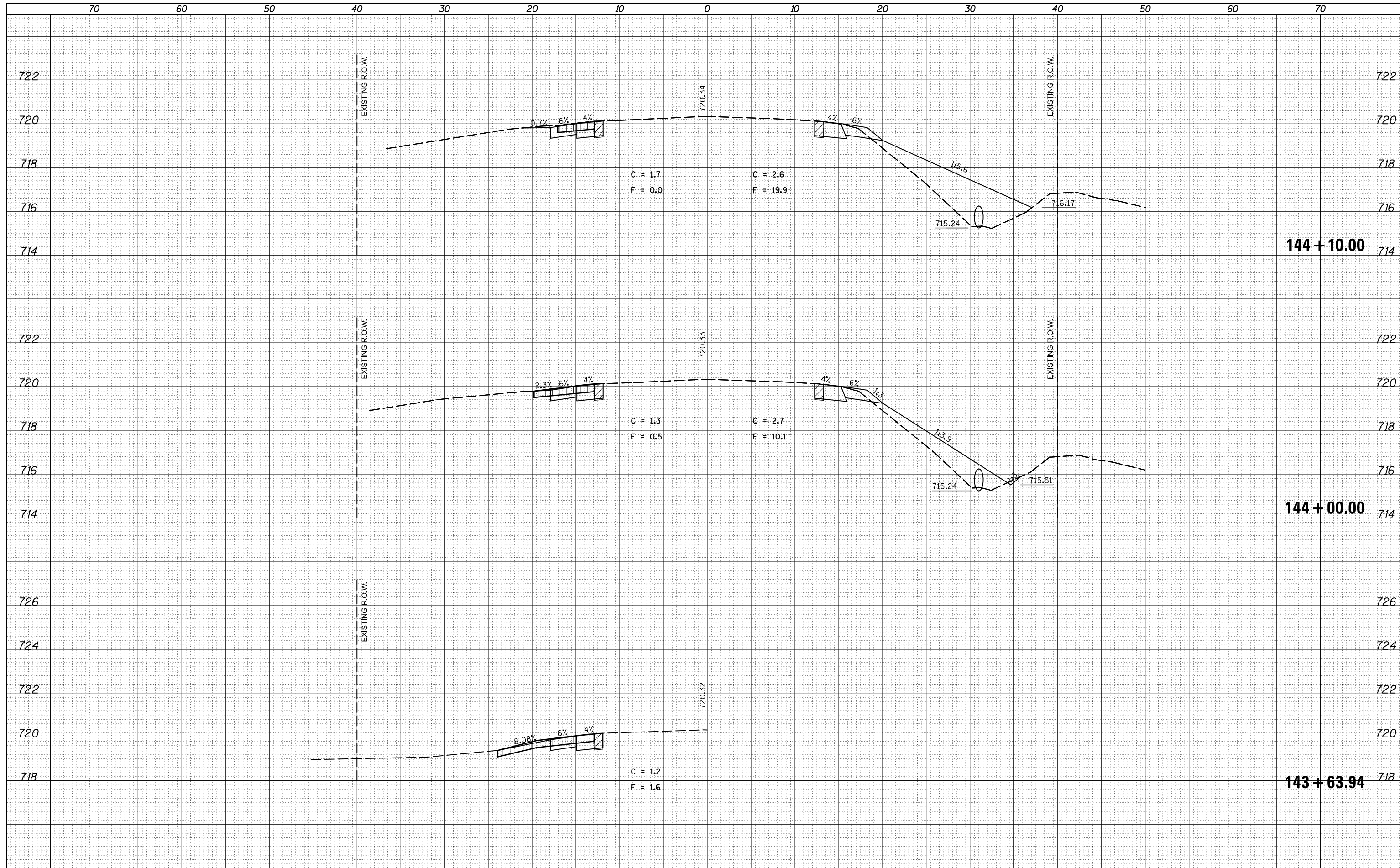
CROSS SECTIONS - US 136

SCALE: SHEET 2 OF 177 SHEETS STA. 141+00.00 TO STA. 143+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	77
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
NOTE BOOK NO.	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

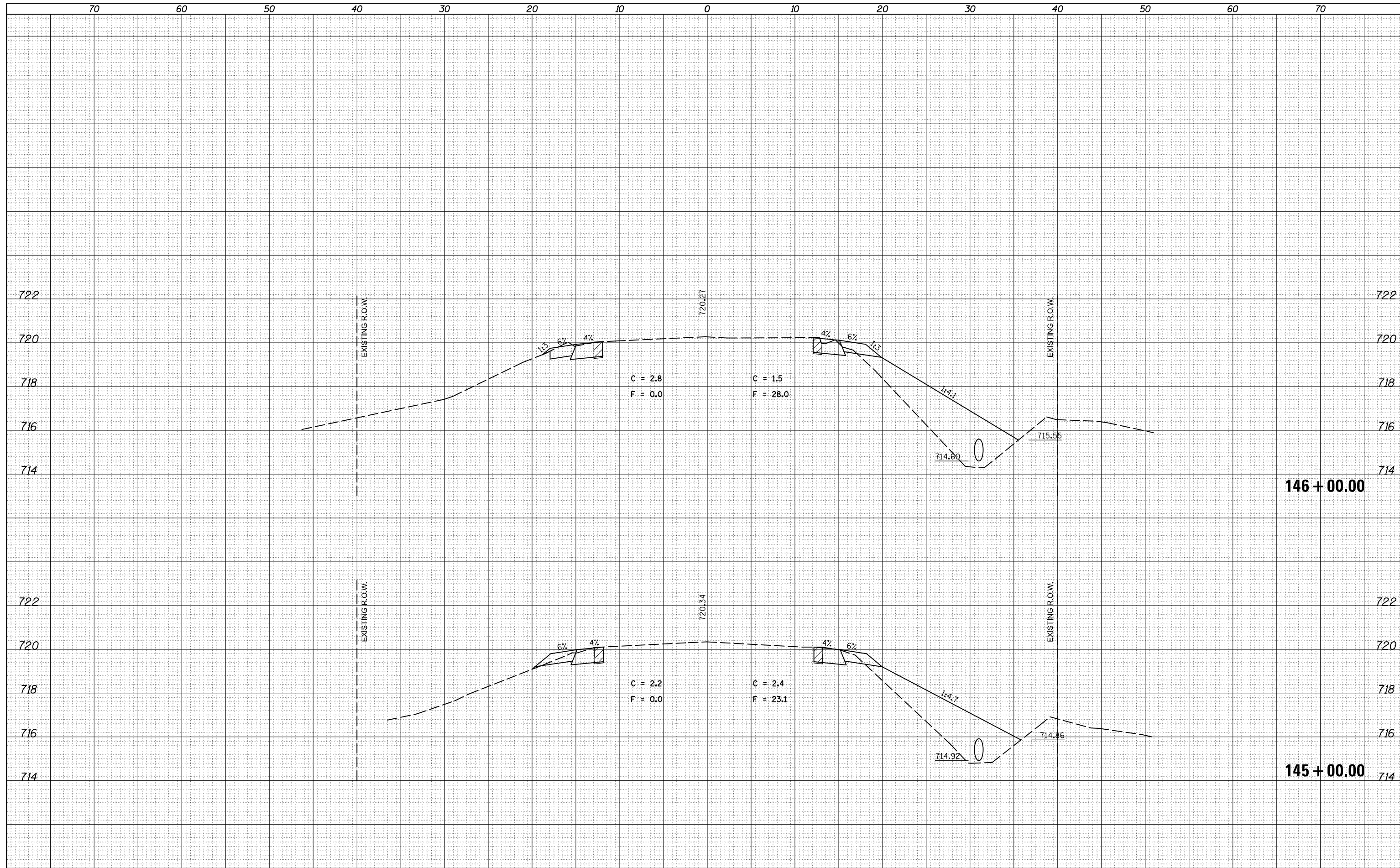
CROSS SECTIONS - US 136

SCALE: SHEET 3 OF 177 SHEETS STA. 143+63.94 TO STA. 144+10.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	78
			CONTRACT NO.	70985
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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	AREAS CHECKED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

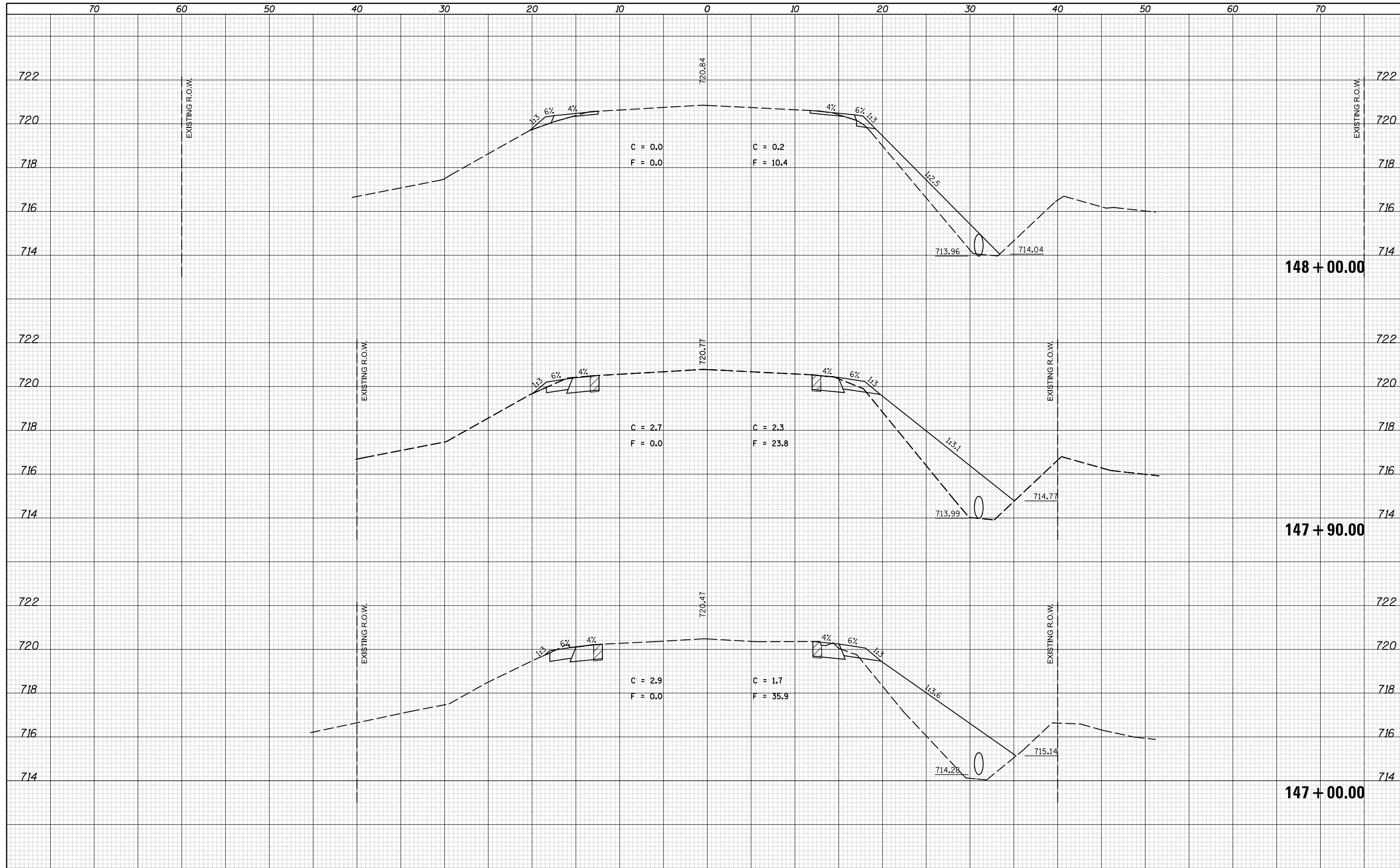
CROSS SECTIONS - US 136

SCALE: SHEET 4 OF 177 SHEETS STA. 145+00.00 TO STA. 146+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	79
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	PLOTTED
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

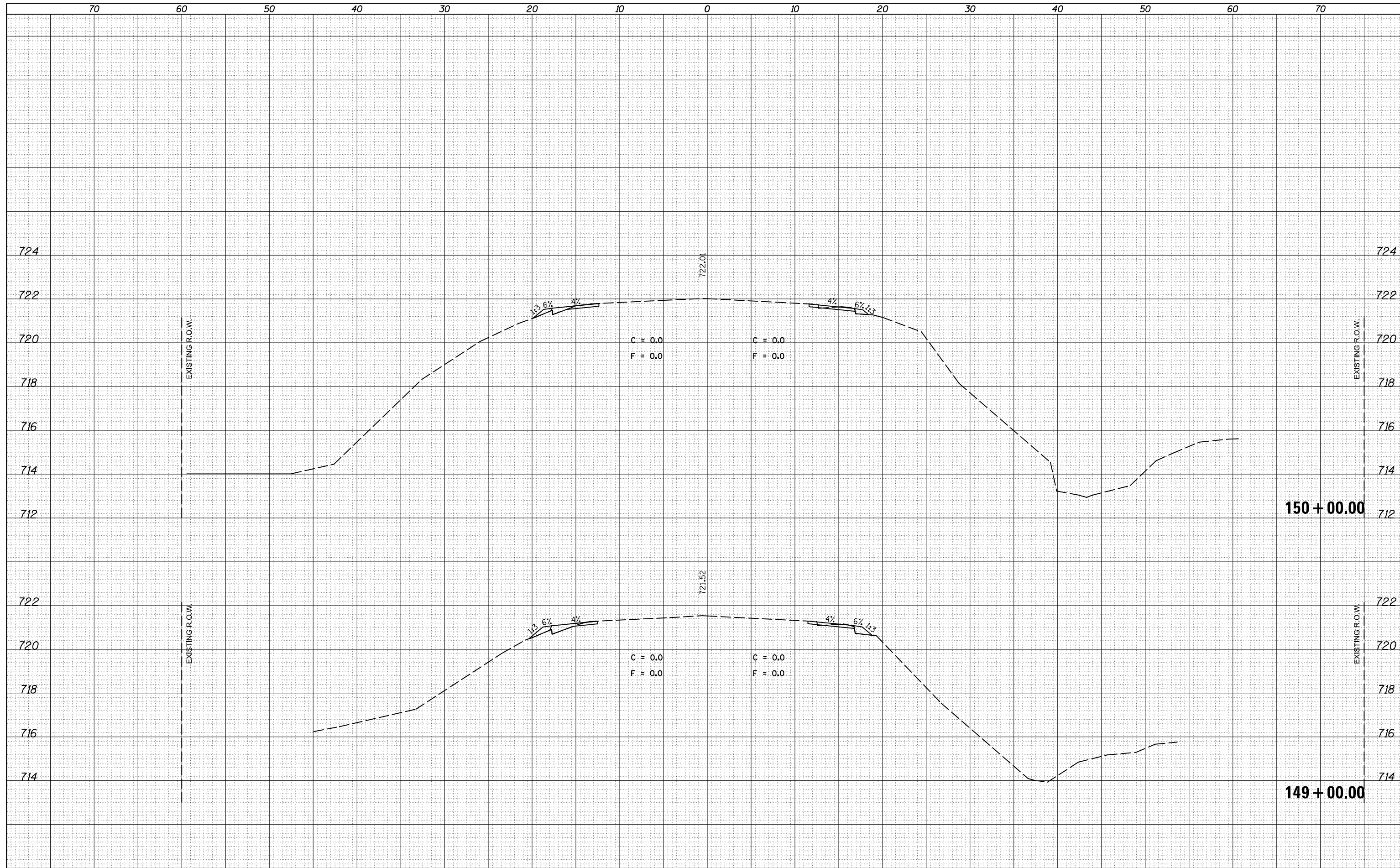
CROSS SECTIONS - US 136

SCALE: SHEET 5 OF 177 SHEETS STA. 147+00.00 TO STA. 148+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	80
			CONTRACT NO.	70985
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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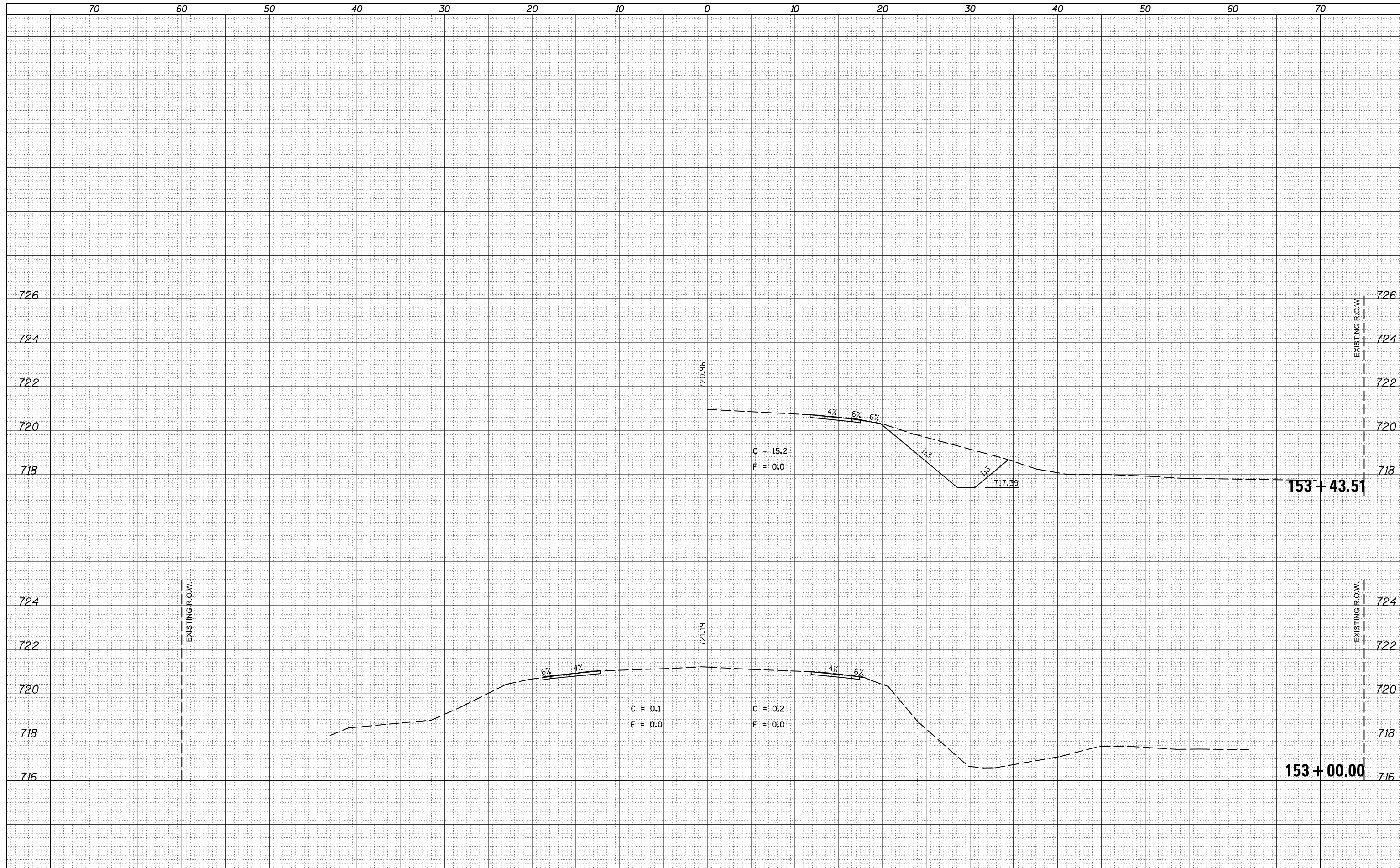
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - US 136
 SCALE: SHEET 6 OF 177 SHEETS STA. 149+00.00 TO STA. 150+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	81
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

DATE	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

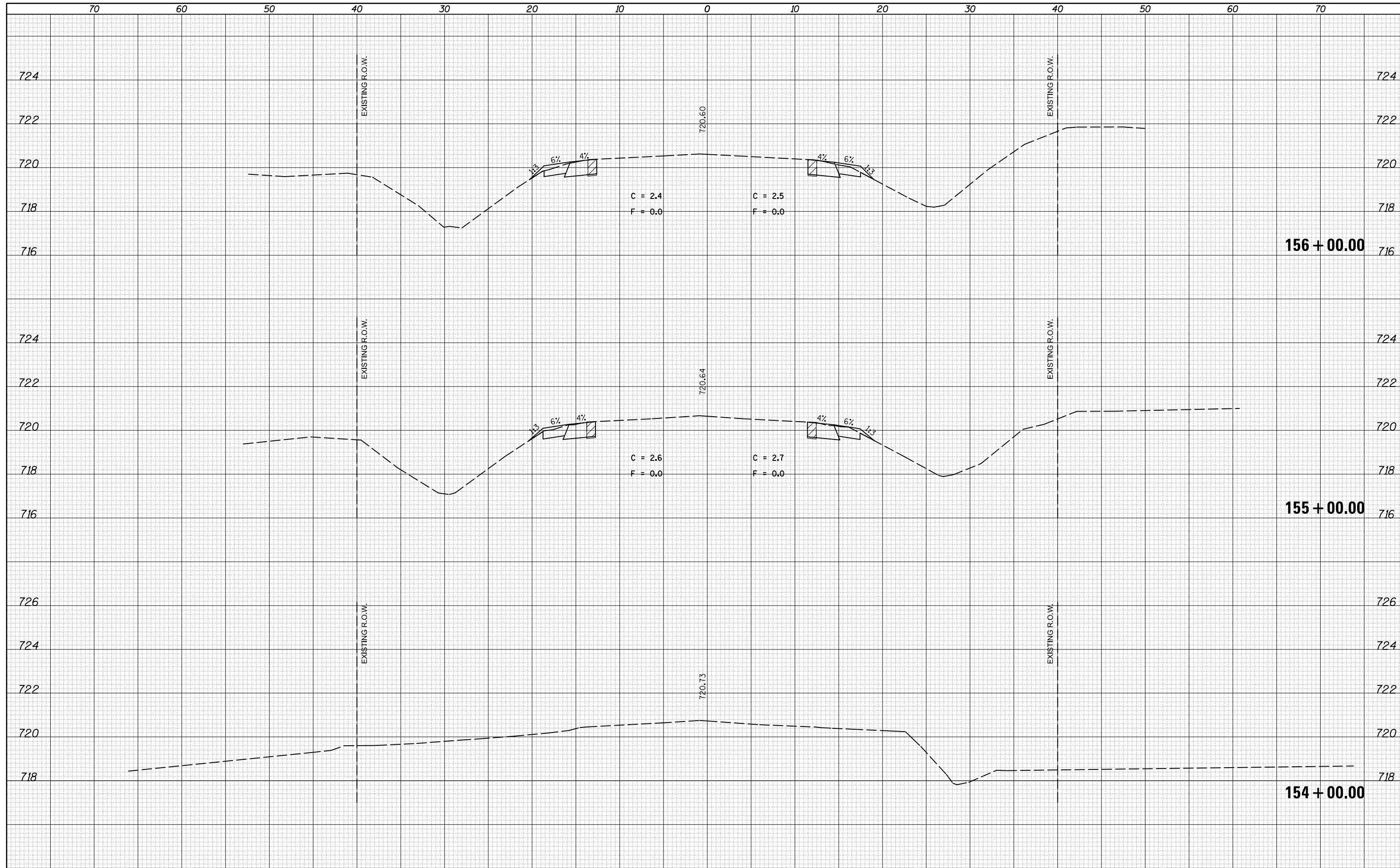
CROSS SECTIONS - US 136

SCALE: SHEET 8 OF 177 SHEETS STA. 153+00.00 TO STA. 153+43.51

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	83
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
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DATE	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - US 136

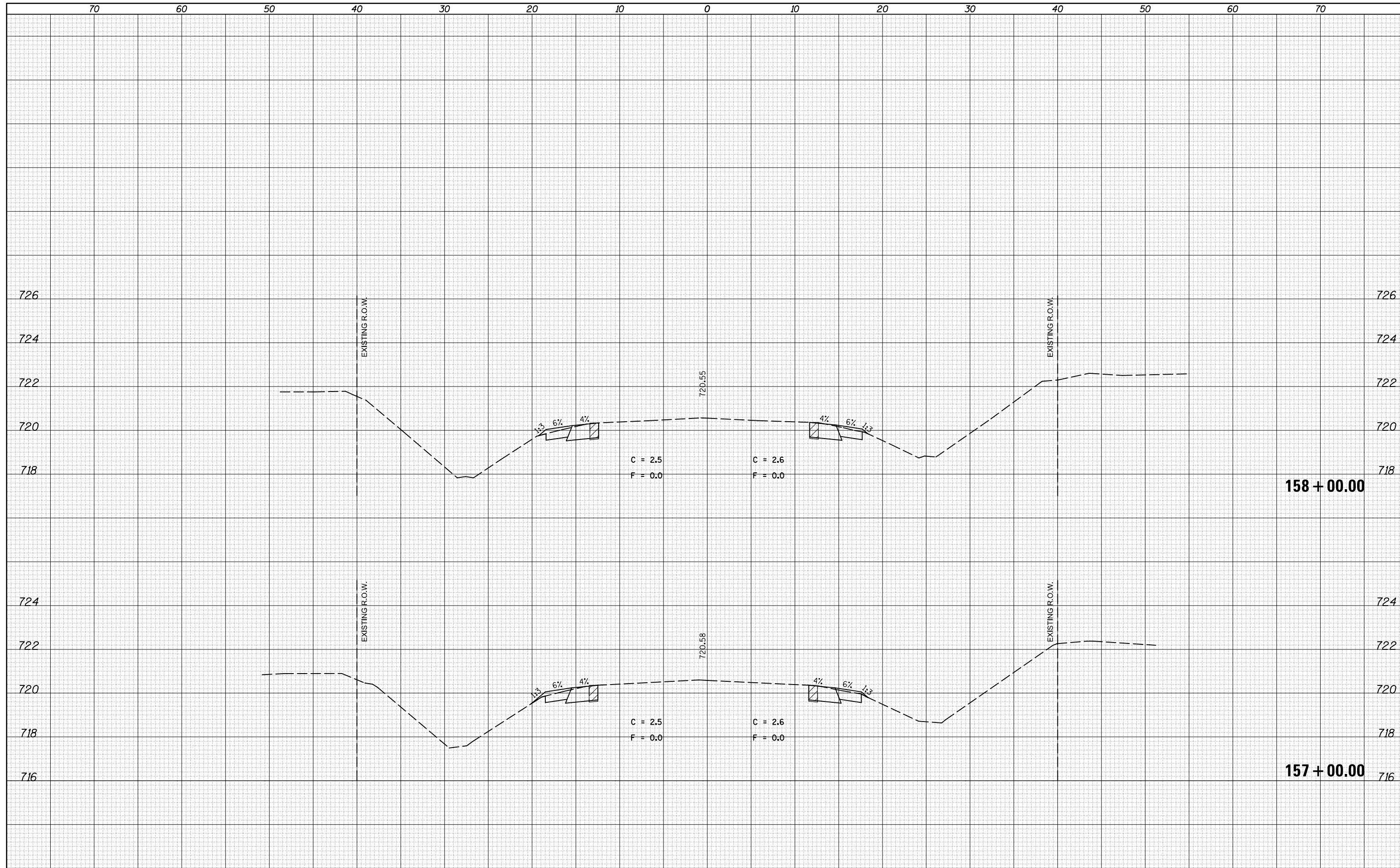
SCALE: SHEET 9 OF 177 SHEETS STA. 154+00.00 TO STA. 156+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	84
			CONTRACT NO. 70985	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY NO.	
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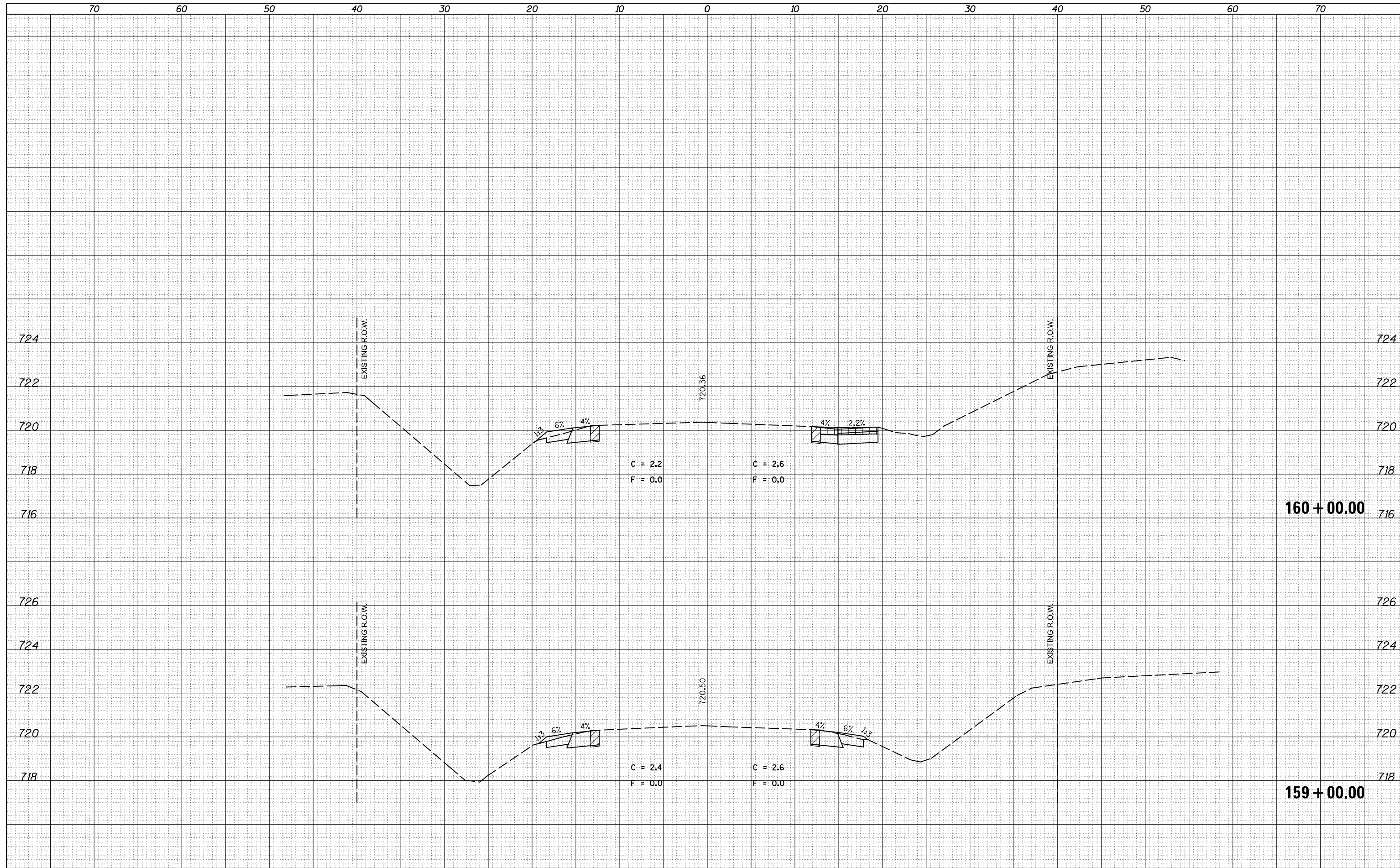
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - US 136
 SCALE: SHEET 10 OF 177 SHEETS STA. 157+00.00 TO STA. 158+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	85
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

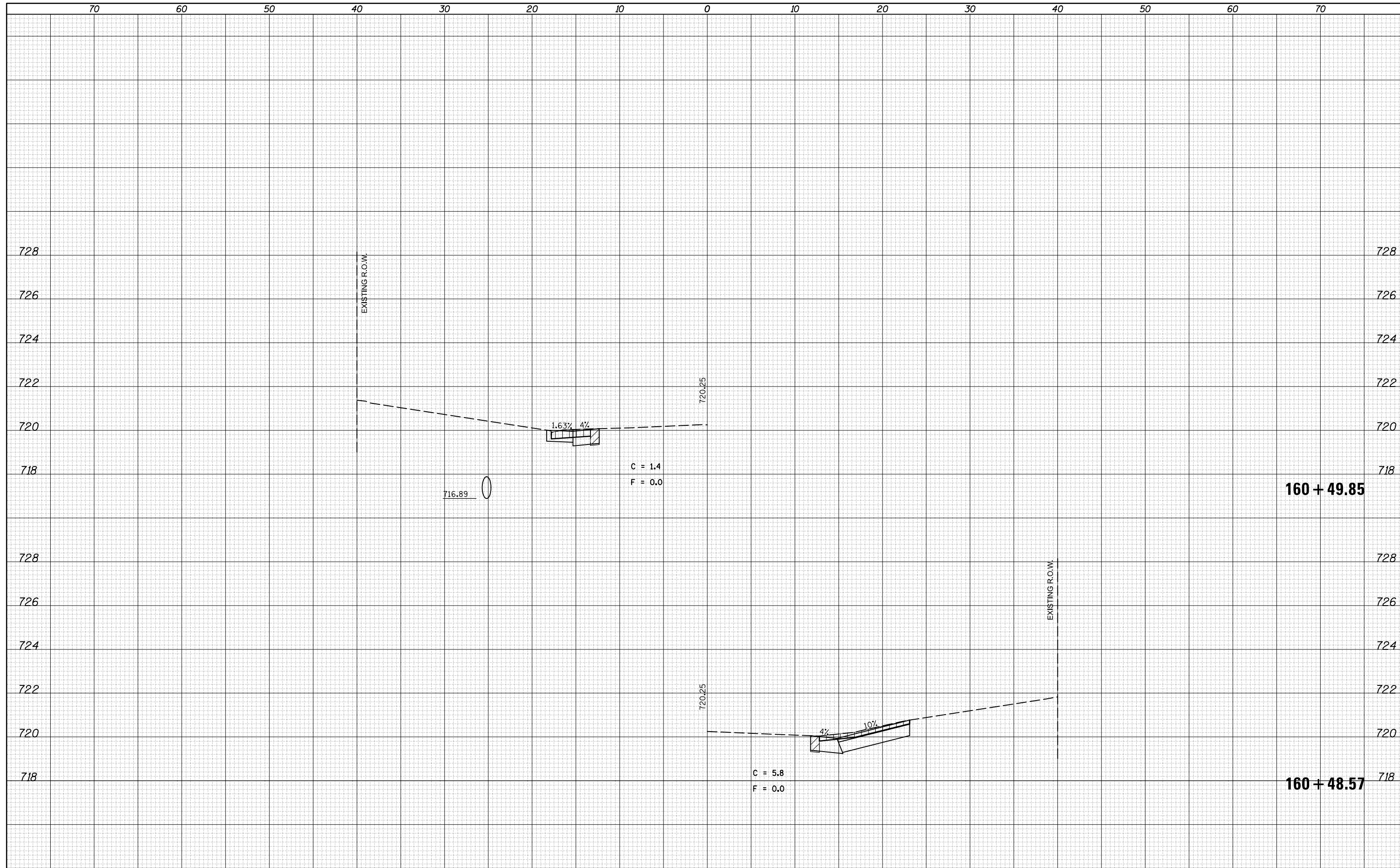
CROSS SECTIONS - US 136

SCALE: SHEET 11 OF 177 SHEETS STA. 159+00.00 TO STA. 160+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	86
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

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

DATE	
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ORIGINAL SURVEY NO.	
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NOTE BOOK AREAS CHECKED	



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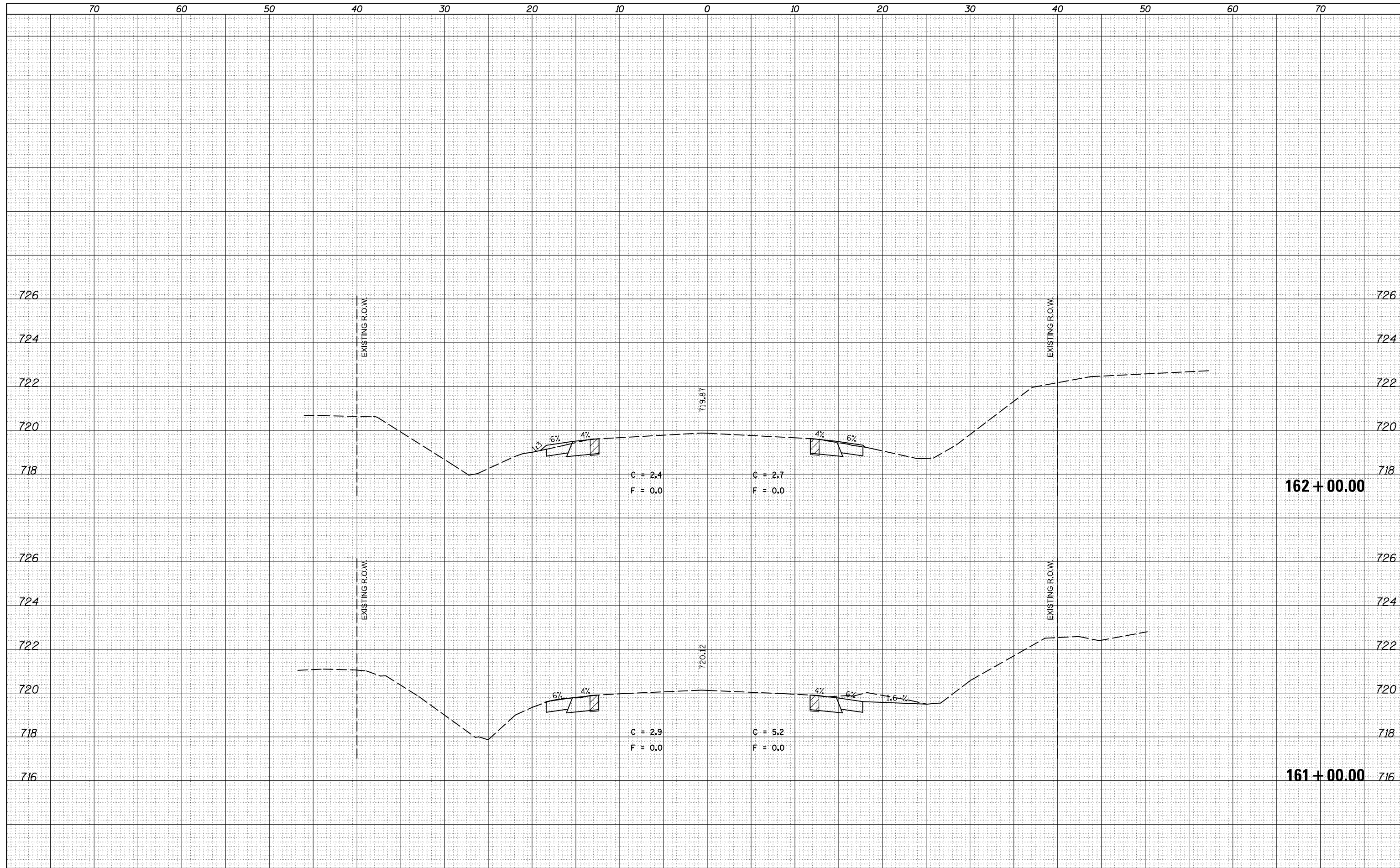
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - US 136
 SCALE: SHEET 12 OF 177 SHEETS STA. 160+48.57 TO STA. 160+49.85

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	87
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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NOTE BOOK	PLOTTED
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PLOT DATE = 10/17/2014

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - US 136

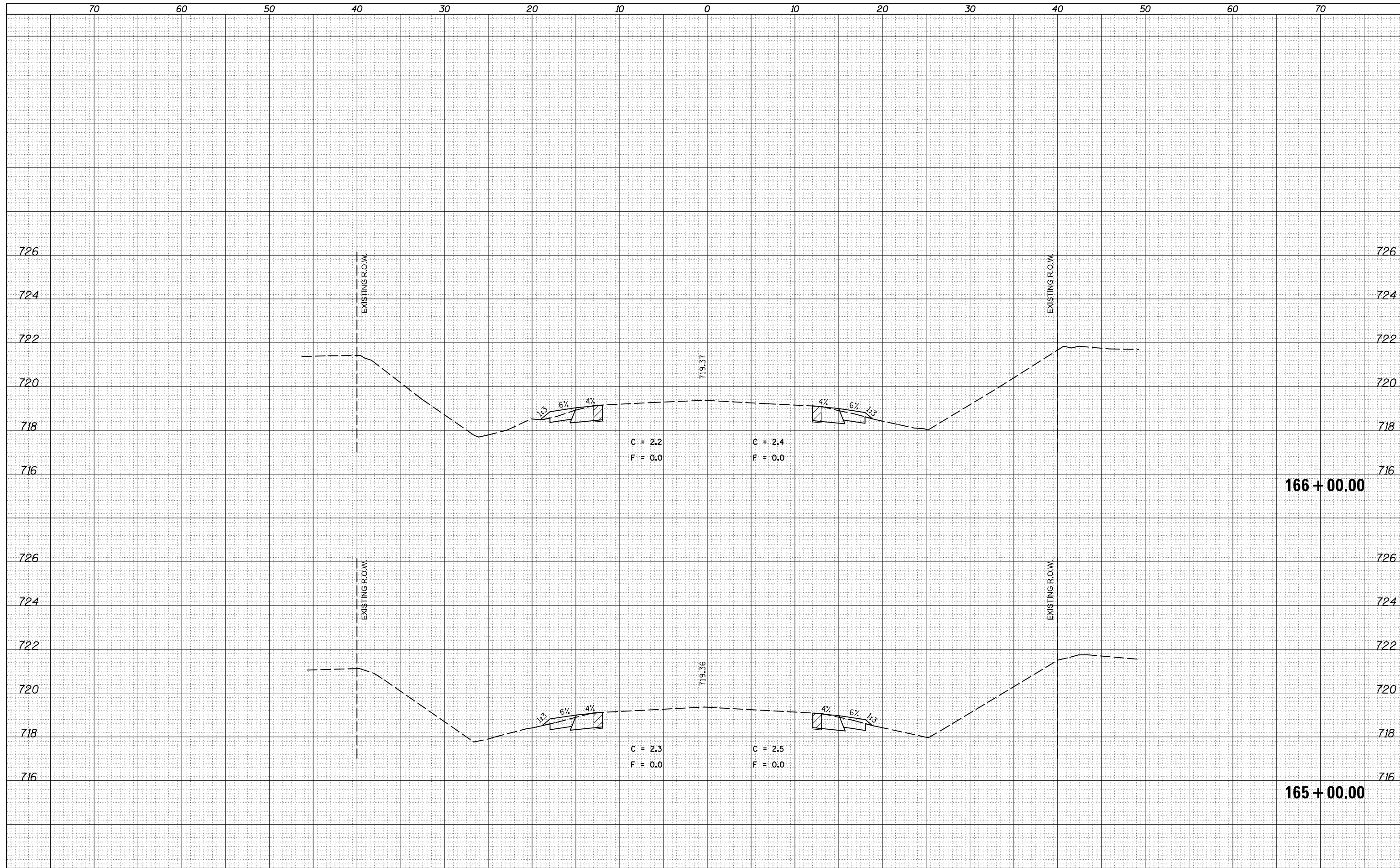
SCALE: SHEET 13 OF 177 SHEETS STA. 161+00.00 TO STA. 162+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	88
			CONTRACT NO. 70985	

ILLINOIS FED. AID PROJECT

DATE	
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NOTE BOOK	PLOTTED
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PLOT DATE = 10/17/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

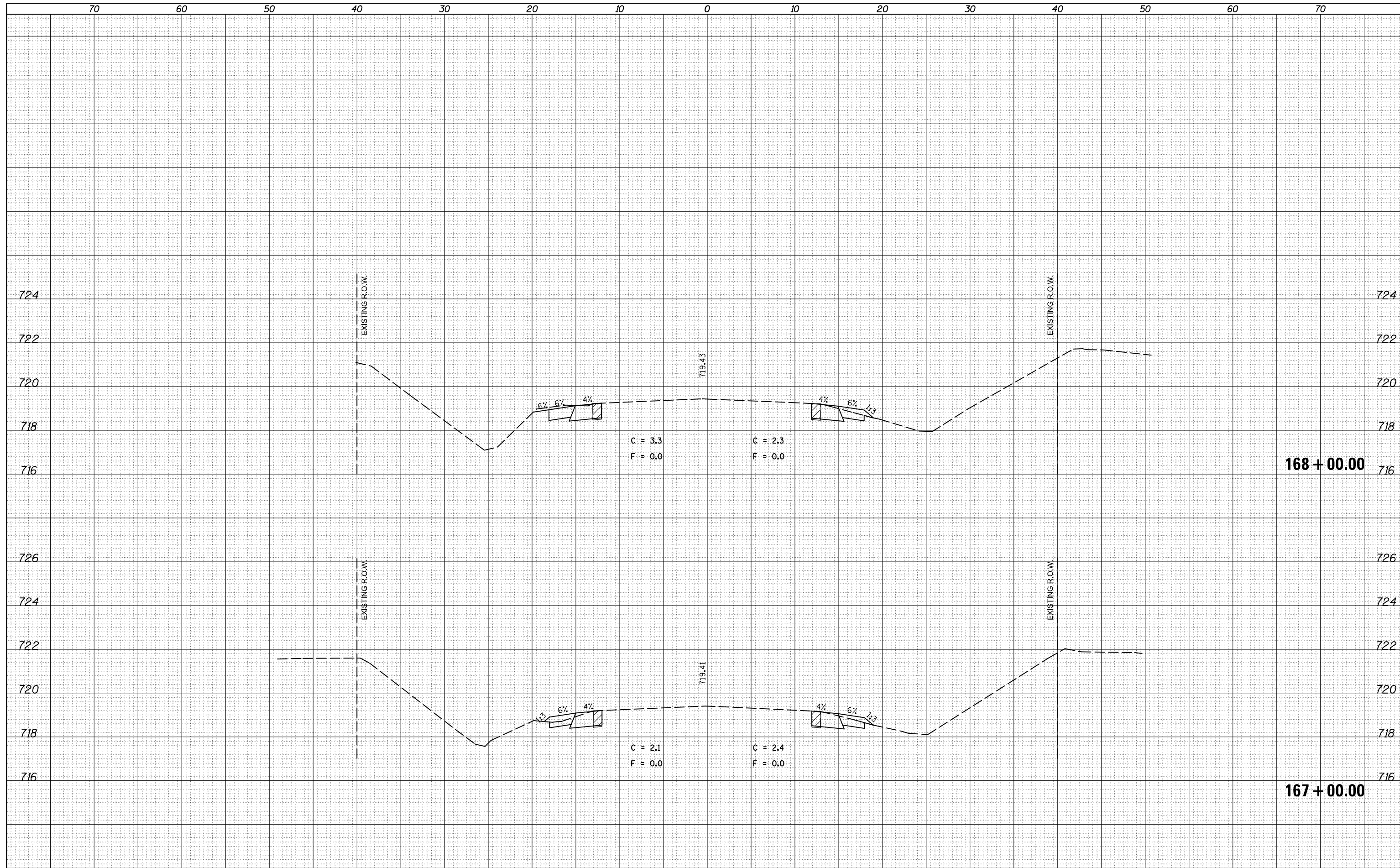
CROSS SECTIONS - US 136

SCALE: SHEET 15 OF 177 SHEETS STA. 165+00.00 TO STA. 166+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	90
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

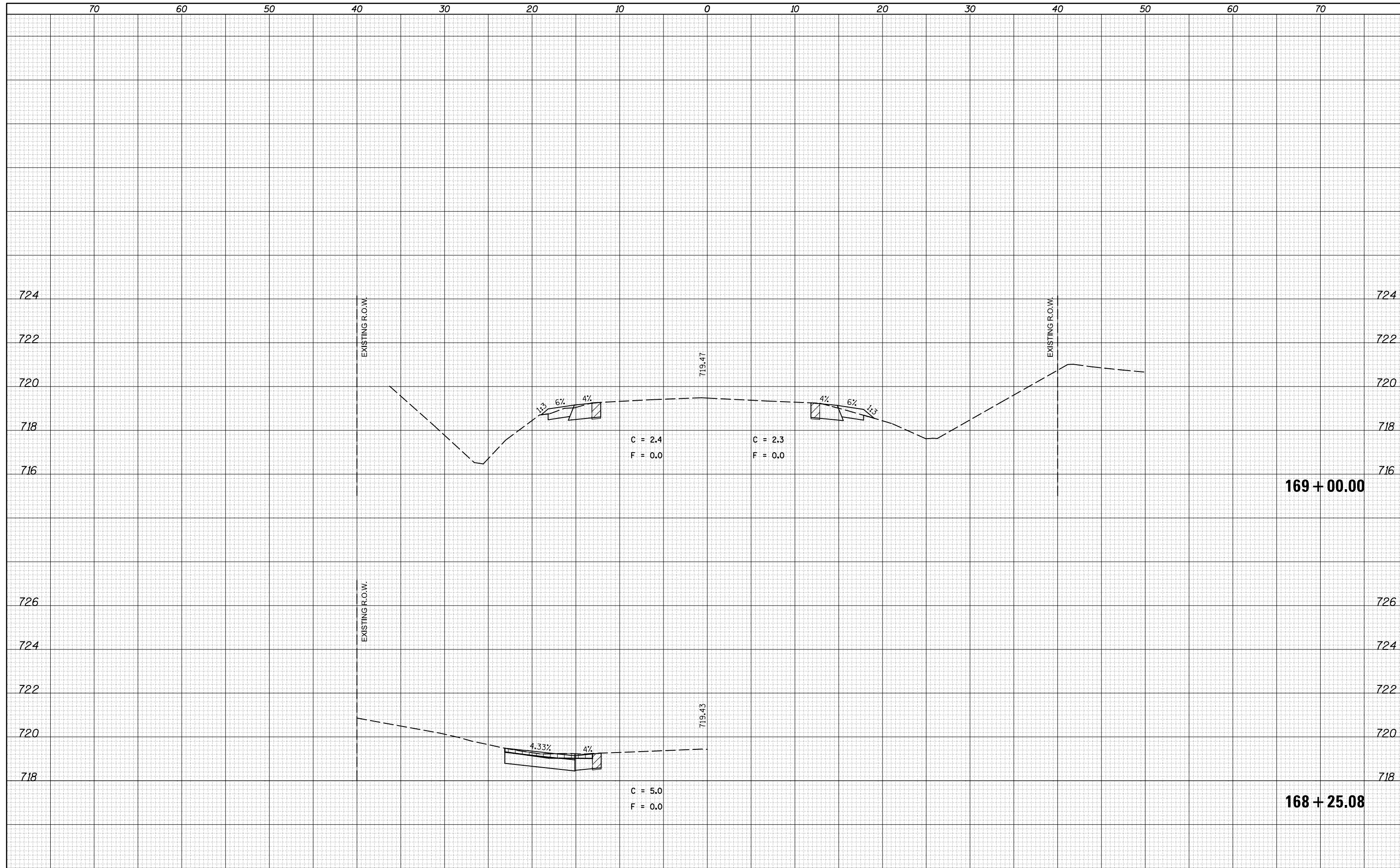
CROSS SECTIONS - US 136

SCALE: SHEET 16 OF 177 SHEETS STA. 167+00.00 TO STA. 168+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	91
CONTRACT NO. 70985			ILLINOIS FED. AID PROJECT	

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

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



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 DATE - 10/17/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

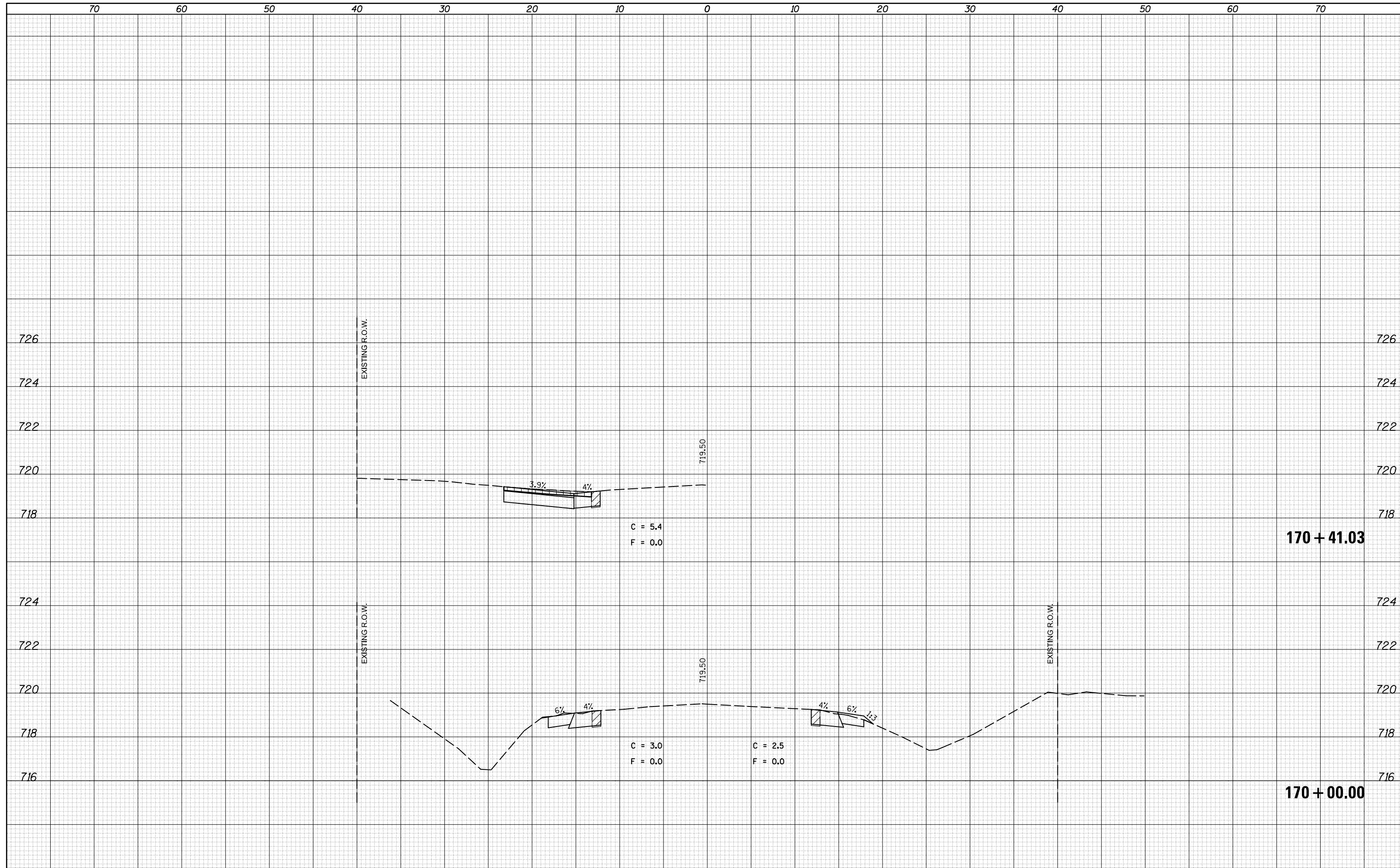
CROSS SECTIONS - US 136

SCALE: SHEET 17 OF 177 SHEETS STA. 168+25.08 TO STA. 169+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	92
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

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

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



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 PLOT DATE = 10/17/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - US 136

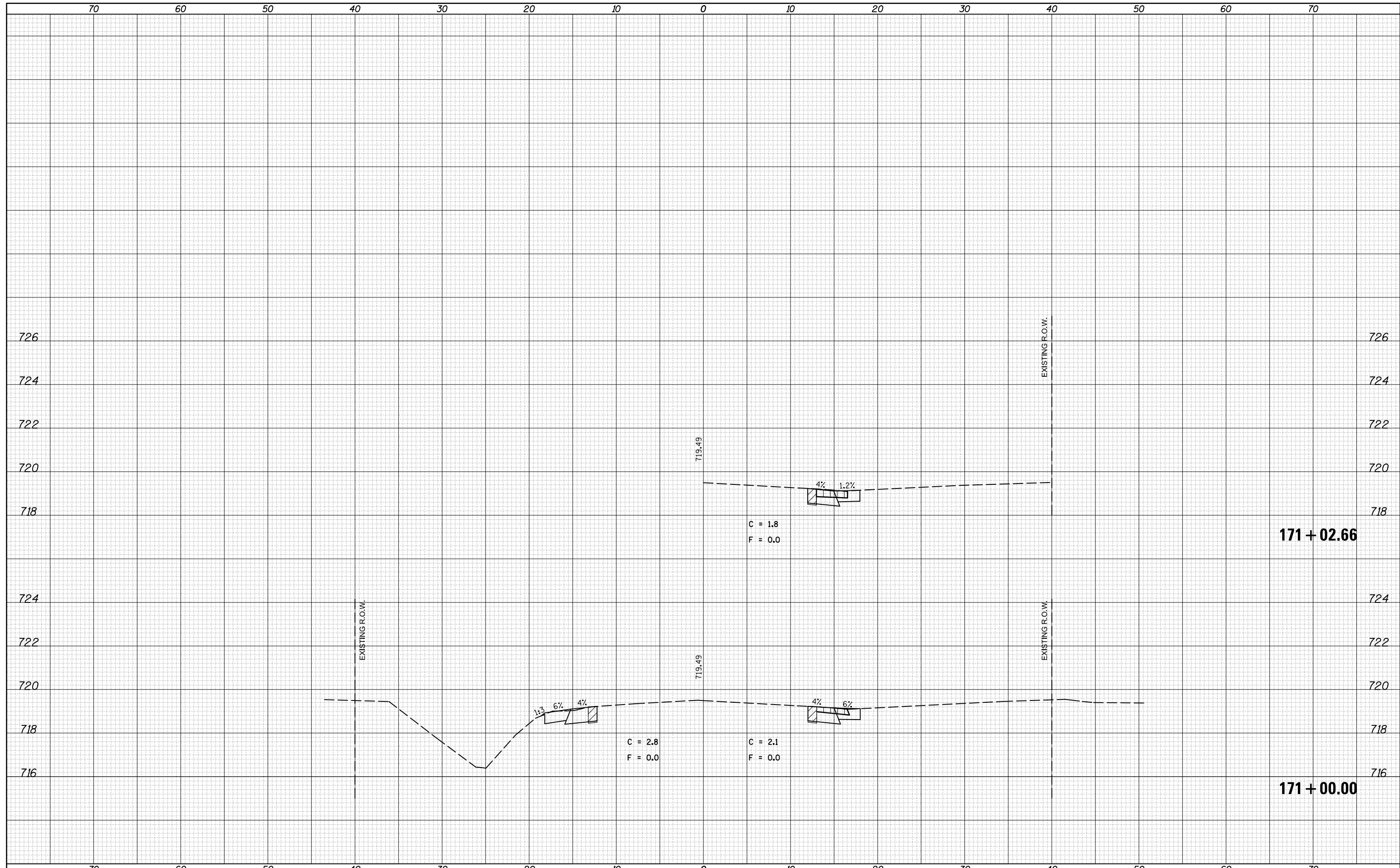
SCALE: SHEET 18 OF 177 SHEETS STA. 170+00.00 TO STA. 170+41.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	93
			CONTRACT NO. 70985	

ILLINOIS FED. AID PROJECT

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

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



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PLOT DATE = 10/17/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

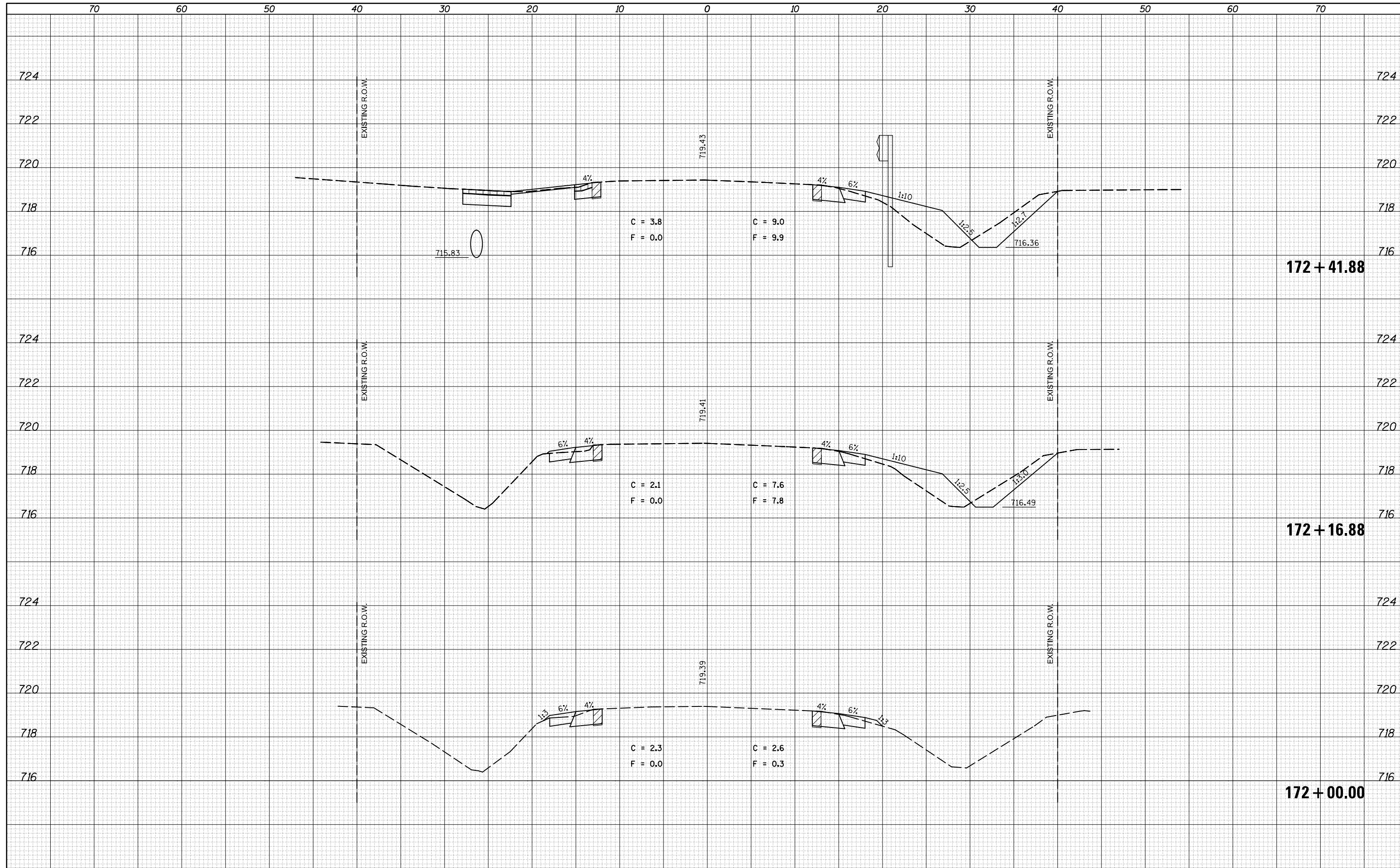
CROSS SECTIONS - US 136

SCALE: SHEET 19 OF 177 SHEETS STA. 171+00.00 TO STA. 171+02.66

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	94
			CONTRACT NO.	70985
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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PLÓT DATE = 10/17/2014	DATE -	REVISÉD -

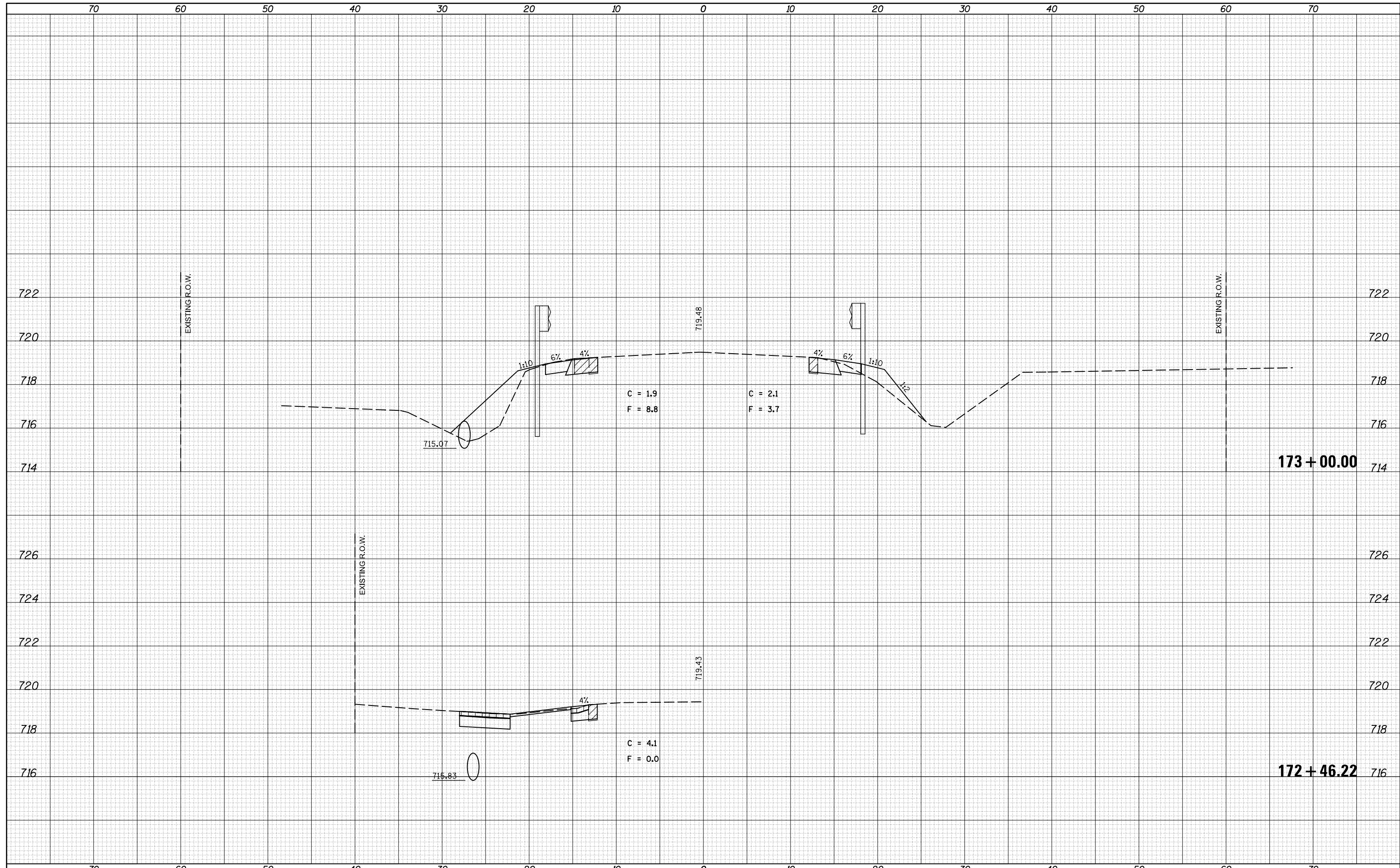
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - US 136
 SCALE: SHEET 20 OF 177 SHEETS STA. 172+00.00 TO STA. 172+41.88

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	95
			CONTRACT NO.	70985
ILLINOIS FED. AID PROJECT				

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

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
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PLOT DATE = 10/17/2014	DATE -	REVISED -

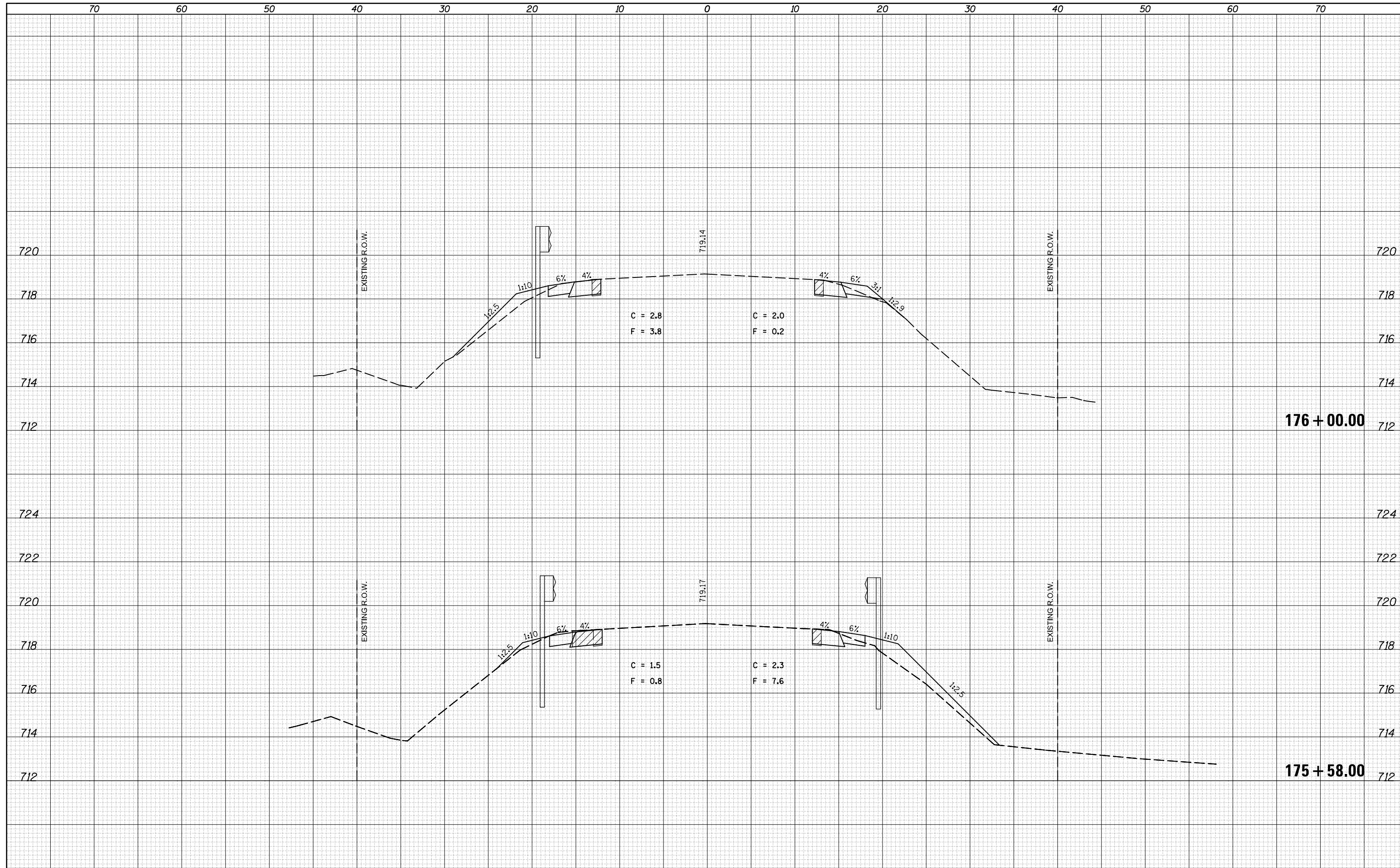
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - US 136
 SCALE: SHEET 21 OF 177 SHEETS STA. 172+46.22 TO STA. 173+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	96
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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USER NAME = cearlockjd
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 DATE - 10/17/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - US 136

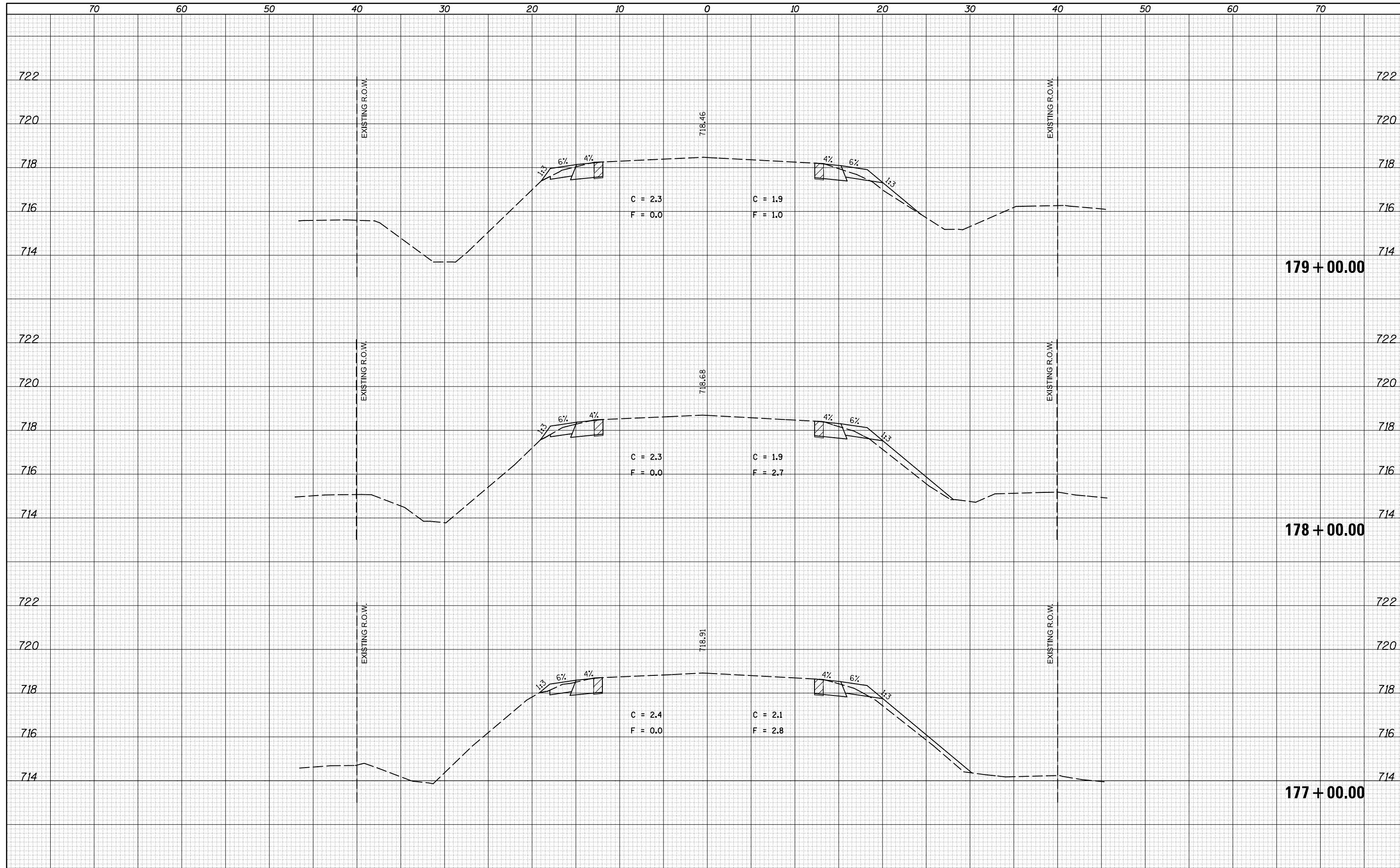
SCALE: SHEET 23 OF 177 SHEETS STA. 175+58.00 TO STA. 176+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	98
			CONTRACT NO. 70985	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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 DATE - 10/17/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - US 136

SCALE: SHEET 24 OF 177 SHEETS STA. 177+00.00 TO STA. 179+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709	113 I-1, CR	Champaign	252	99
			CONTRACT NO. 70985	
ILLINOIS FED. AID PROJECT				

