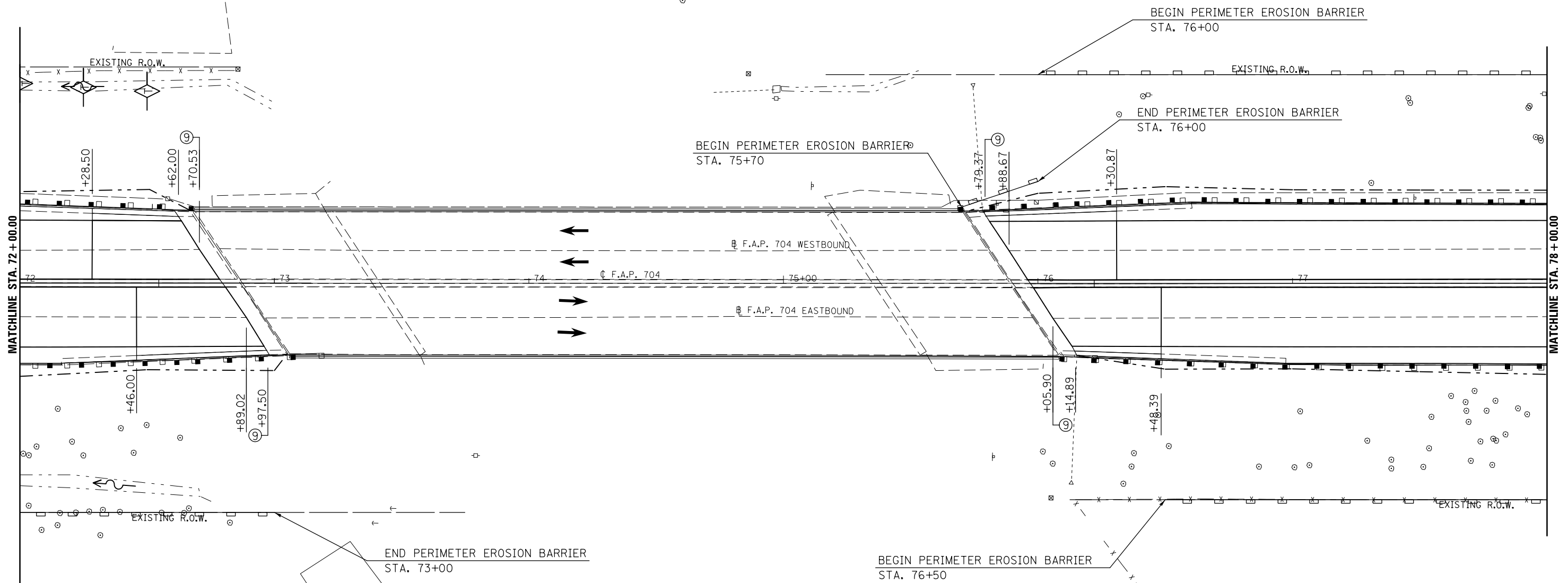




DIRECTION	LOCATION: LEG "C"		MEDIAN	OUTSIDE	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)
	STA.	TO STA.					
EB	76+50	79+00		X	85.0' RT		250.0
WB	72+25			X	77.0' LT	10.0	
WB	72+50			X	75.5' LT	10.0	
WB	75+70	76+00		X	30'-40' LT		31.6
WB	76+00	79+00		X	82.0' LT		300.0



LEGEND

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- CONSTRUCTION LIMITS

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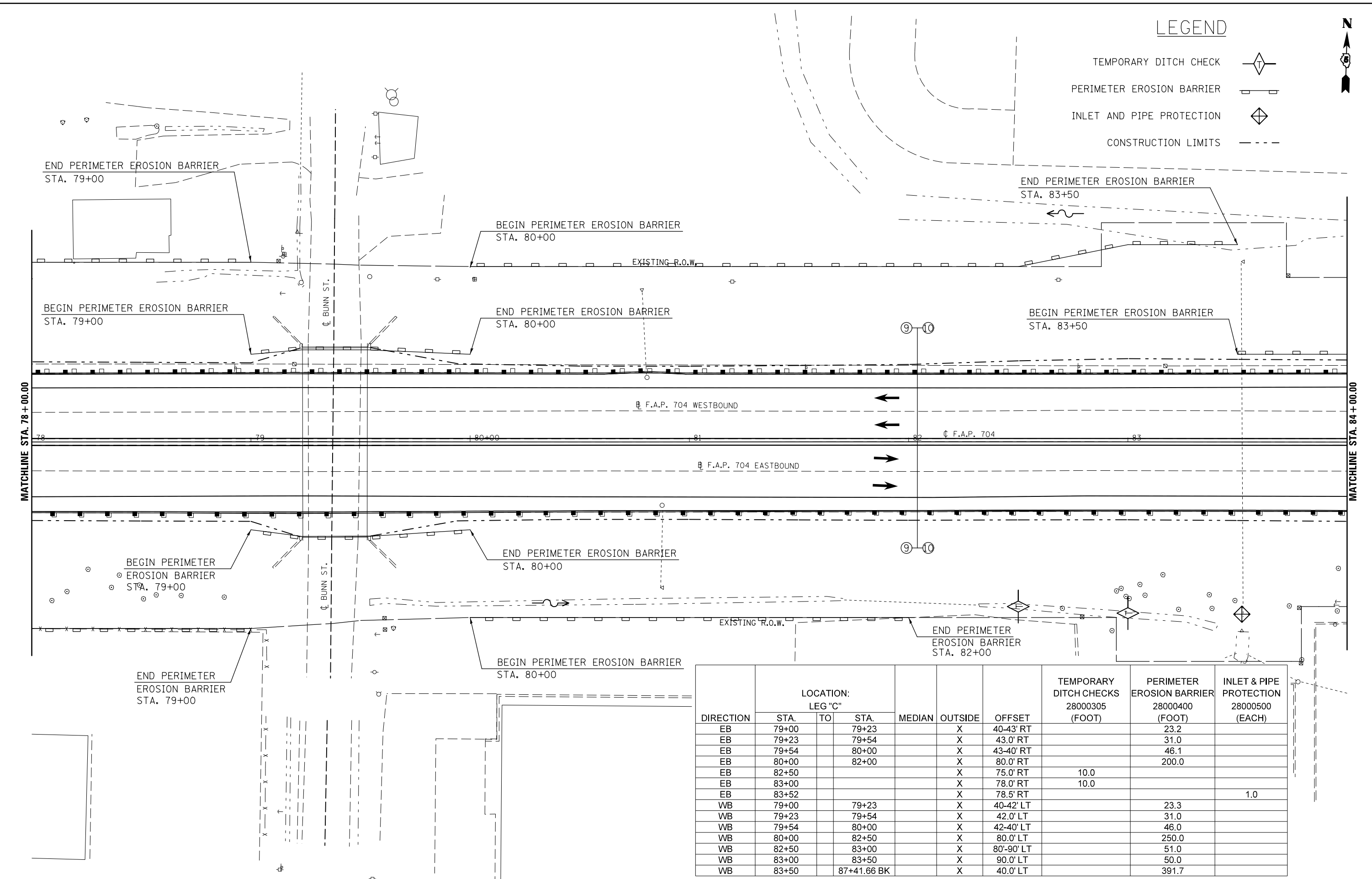
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 EROSION CONTROL SHEET
SCALE: 1" = 20' SHEET 16 OF 20 SHEETS STA. 72+00.00 TO STA. 78+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	101
CONTRACT NO. 70838				
ILLINOIS FED. AID PROJECT				

LEGEND

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- CONSTRUCTION LIMITS



DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)
	STA.	TO	STA.						
EB	79+00		79+23		X	40-43' RT		23.2	
EB	79+23		79+54		X	43.0' RT		31.0	
EB	79+54		80+00		X	43-40' RT		46.1	
EB	80+00		82+00		X	80.0' RT		200.0	
EB	82+50				X	75.0' RT	10.0		
EB	83+00				X	78.0' RT	10.0		
EB	83+52				X	78.5' RT			1.0
WB	79+00		79+23		X	40-42' LT		23.3	
WB	79+23		79+54		X	42.0' LT		31.0	
WB	79+54		80+00		X	42-40' LT		46.0	
WB	80+00		82+50		X	80.0' LT		250.0	
WB	82+50		83+00		X	80'-90' LT		51.0	
WB	83+00		83+50		X	90.0' LT		50.0	
WB	83+50		87+41.66 BK		X	40.0' LT		391.7	

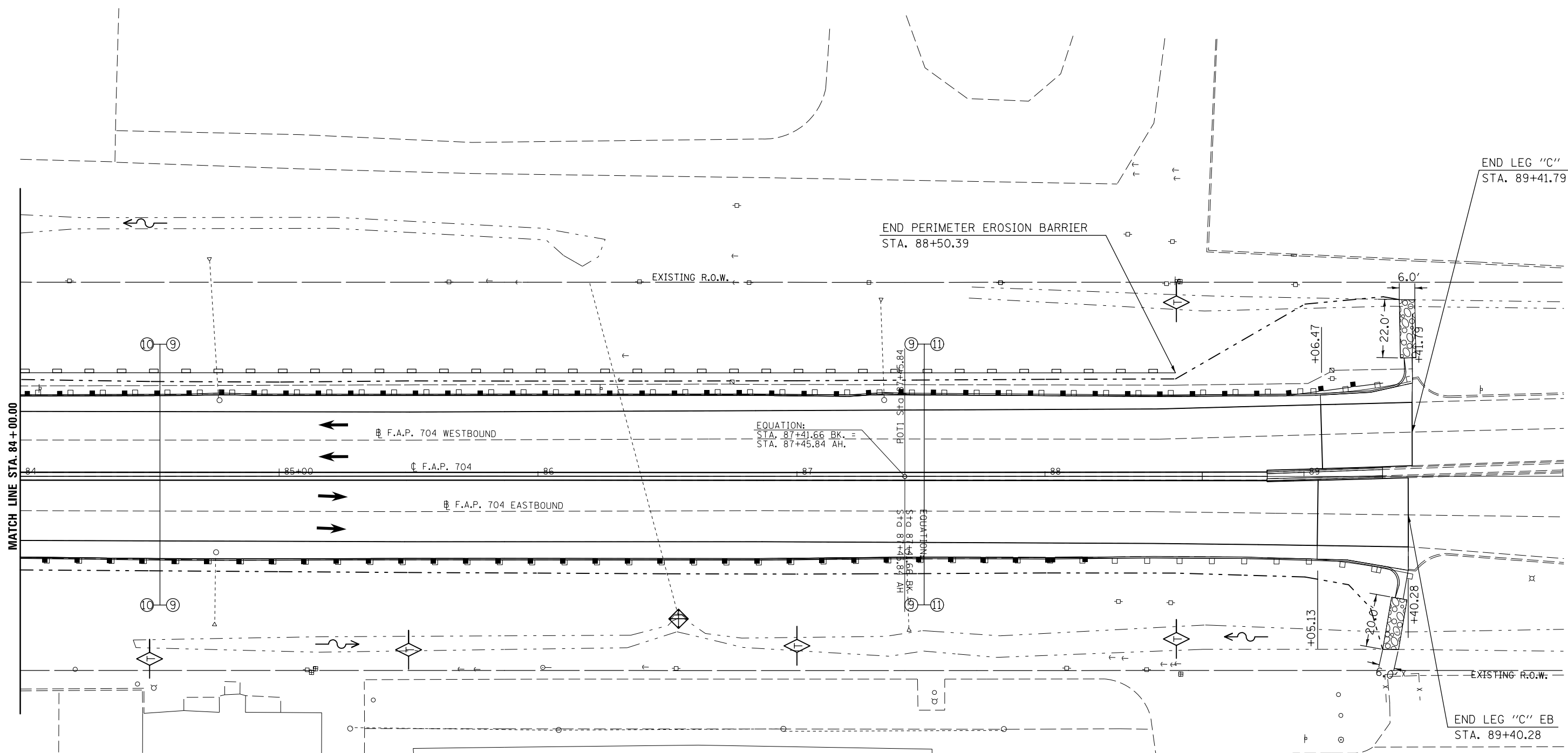
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUS 55 EROSION CONTROL SHEET

SCALE: 1" = 20' SHEET 17 OF 20 SHEETS STA. 78+00.00 TO STA. 84+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	102
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	



DIRECTION	LOCATION: LEG "C"			MEDIAN	OUTSIDE	OFFSET	TEMPORARY DITCH CHECKS 28000305 (FOOT)	PERIMETER EROSION BARRIER 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)	STONE RIPRAP CLASS A 4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)
	STA.	TO	STA.										
EB	84+50				X	70.5' RT	10.0						
EB	85+50				X	67.0' RT	10.0						
EB	86+54				X	60.0' RT			1.0				
EB	87+00				X	65.5' RT	10.0						
EB	88+50				X	63.0' RT	10.0						
EB	89+31				X	47-66' RT				13.3	13.3	8.9	4.0
WB	87+45.84 AH		88+50.39		X	40.0' LT		104.6					
WB	88+50				X	67.0' LT	10.0						
WB	89+33				X	46-68' LT				14.7	14.7	9.8	4.4





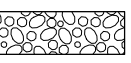
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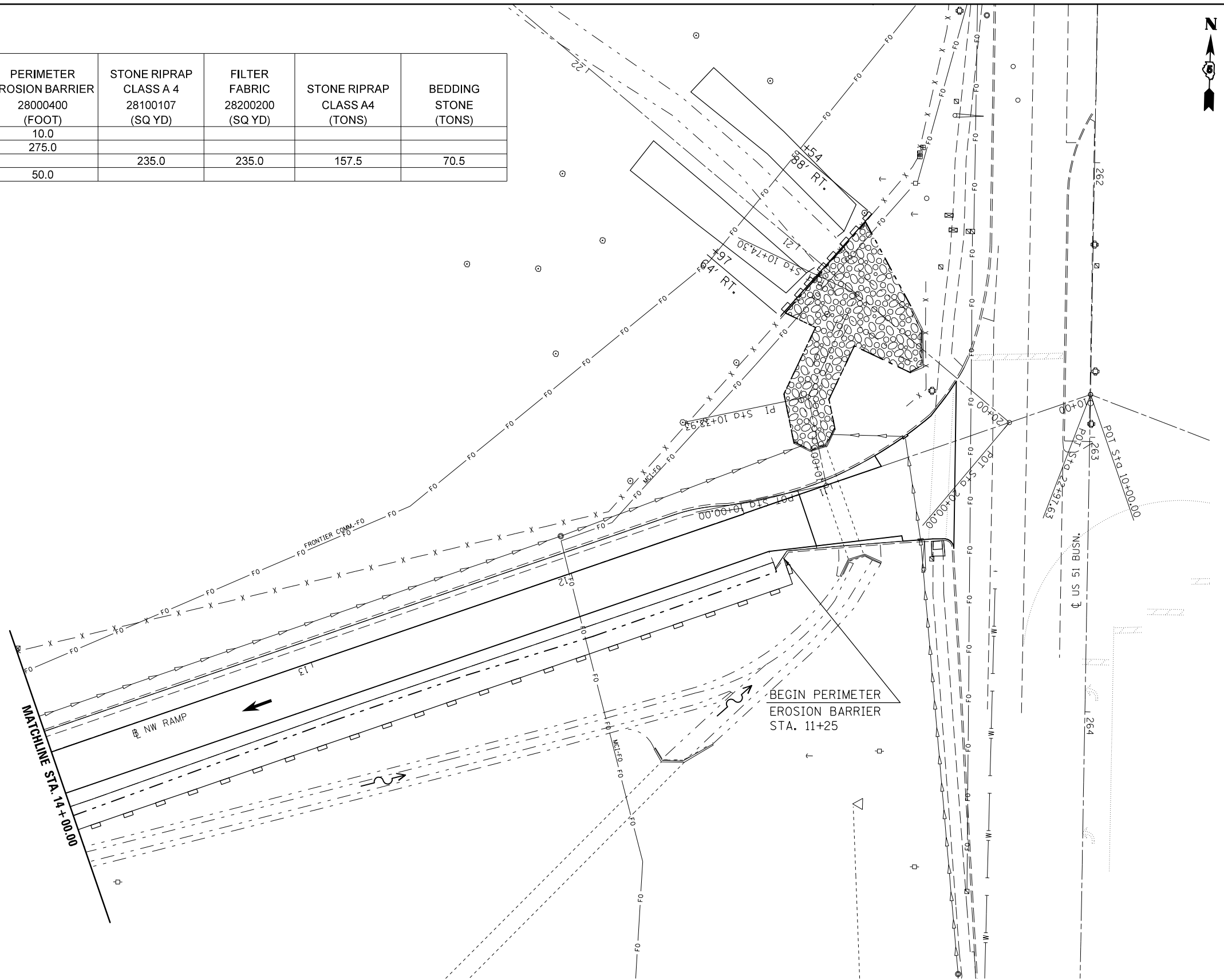
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- CONSTRUCTION LIMITS



DIRECTION	LOCATION: NW RAMP:			MEDIAN	OUTSIDE	OFFSET	PERIMETER	STONE RIPRAP	FILTER	STONE RIPRAP	BEDDING
	STA.	TO	STA.				EROSION BARRIER	CLASS A 4	FABRIC	CLASS A4	STONE
LT	11+25		11+25		X	20-30' LT	28000400 (FOOT)	28100107 (SQ YD)	28200200 (SQ YD)		
LT	11+25		14+00		X	30.0' LT	275.0				
RT	10+50		11+00		X	15-85' RT		235.0	235.0	157.5	70.5
RT	10+54		10+97		X	88-64' RT	50.0				

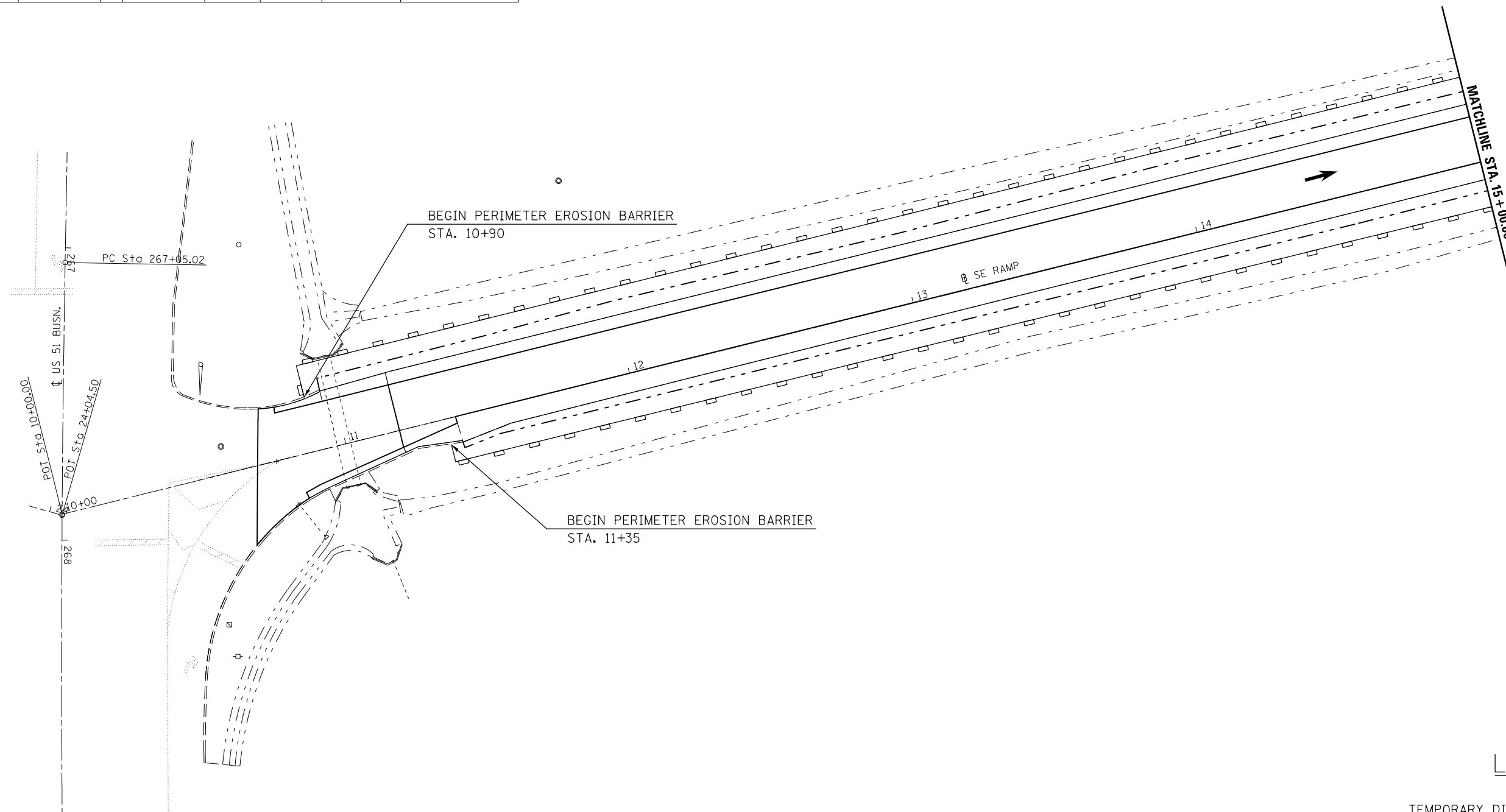
LEGEND

- TEMPORARY DITCH CHECK 
- PERIMETER EROSION BARRIER 
- INLET AND PIPE PROTECTION 
- CONSTRUCTION LIMITS 
- STONE RIPRAP, CLASS A4, 16" W/ 6"
BEDDING STONE AND FILTER FABRIC
(SEE SHEETS 124 & 125) 





DIRECTION	LOCATION: SE RAMP:			MEDIAN	OUTSIDE	OFFSET	PERIMETER EROSION BARRIER 28000400 (FOOT)
	STA.	TO	STA.				
LT	10+90		10+90		X	19-30' LT	11.0
LT	10+90		15+00		X	30.0' LT	410.0
RT	11+35		11+35		X	9-15' RT	6.0
RT	11+35		15+00		X	15.0' RT	365.0



LEGEND

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- CONSTRUCTION LIMITS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

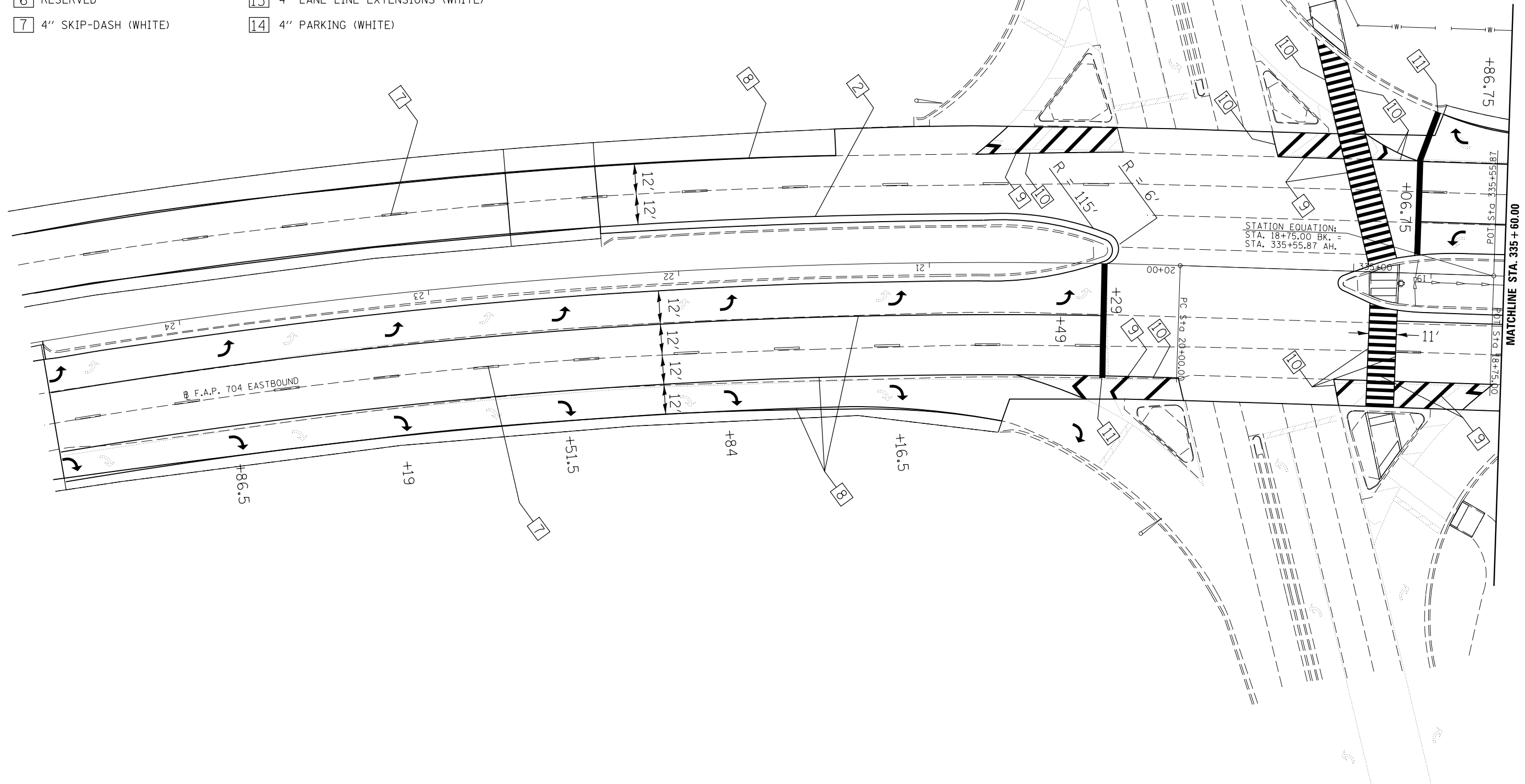
BUS 55 SE RAMP EROSION CONTROL SHEET

SCALE: 1" = 20' SHEET 20 OF 20 SHEETS STA. 10+00.00 TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	105
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKING LEGEND

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



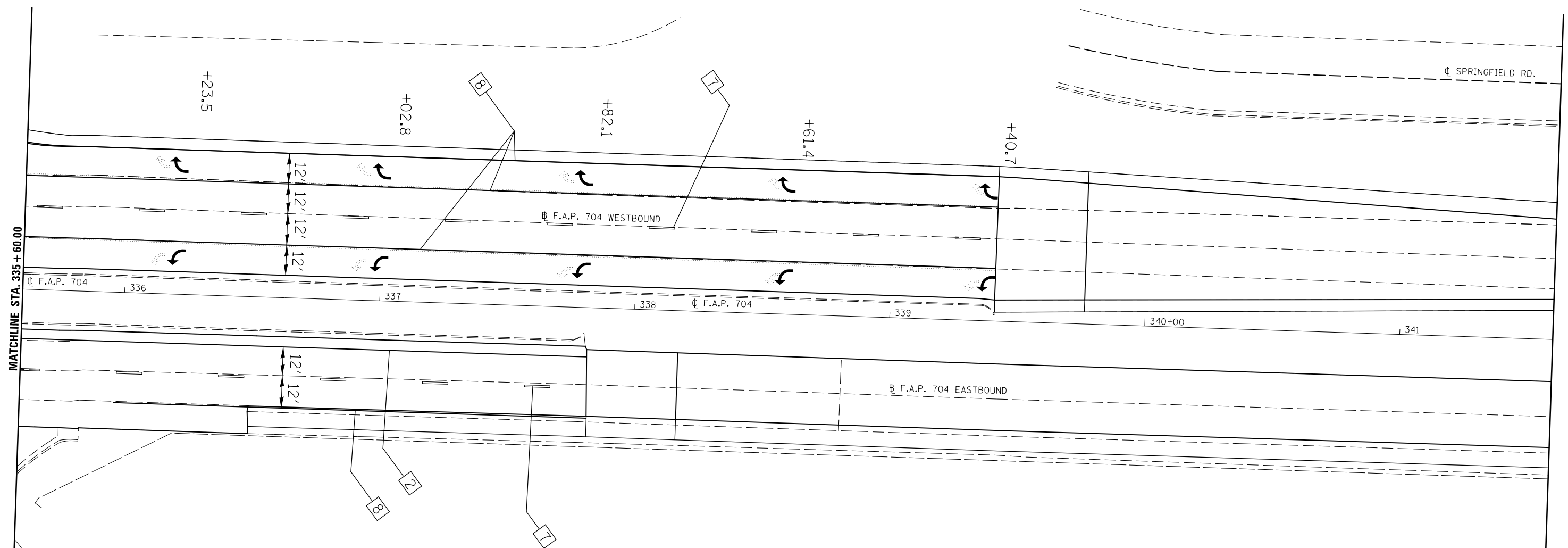
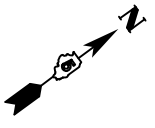
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	PLOT DATE = 6/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN SHEET
FOX CREEK RD./HAMILTON RD. INTERSECTION**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 24+60.00 TO STA. 335+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	106
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	



TYPICAL PAVEMENT MARKING LEGEND

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

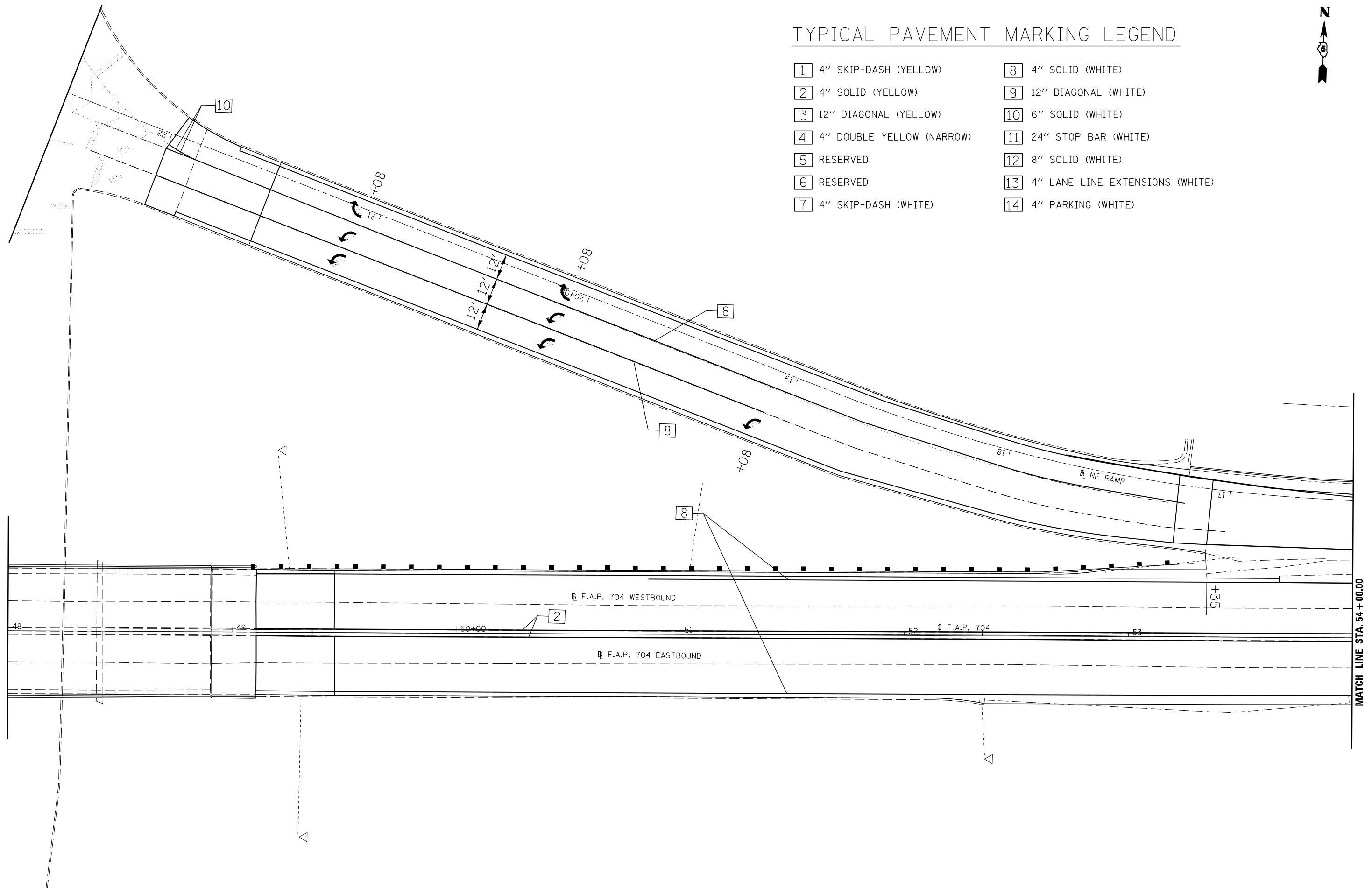
PAVEMENT MARKING PLAN SHEET			
HAMILTON RD./FOX CREEK RD. INTERSECTION			
SCALE: 1" = 20'	SHEET 2	OF 2 SHEETS	STA. 335+60.00 TO STA. 341+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	107
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	



TYPICAL PAVEMENT MARKING LEGEND

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

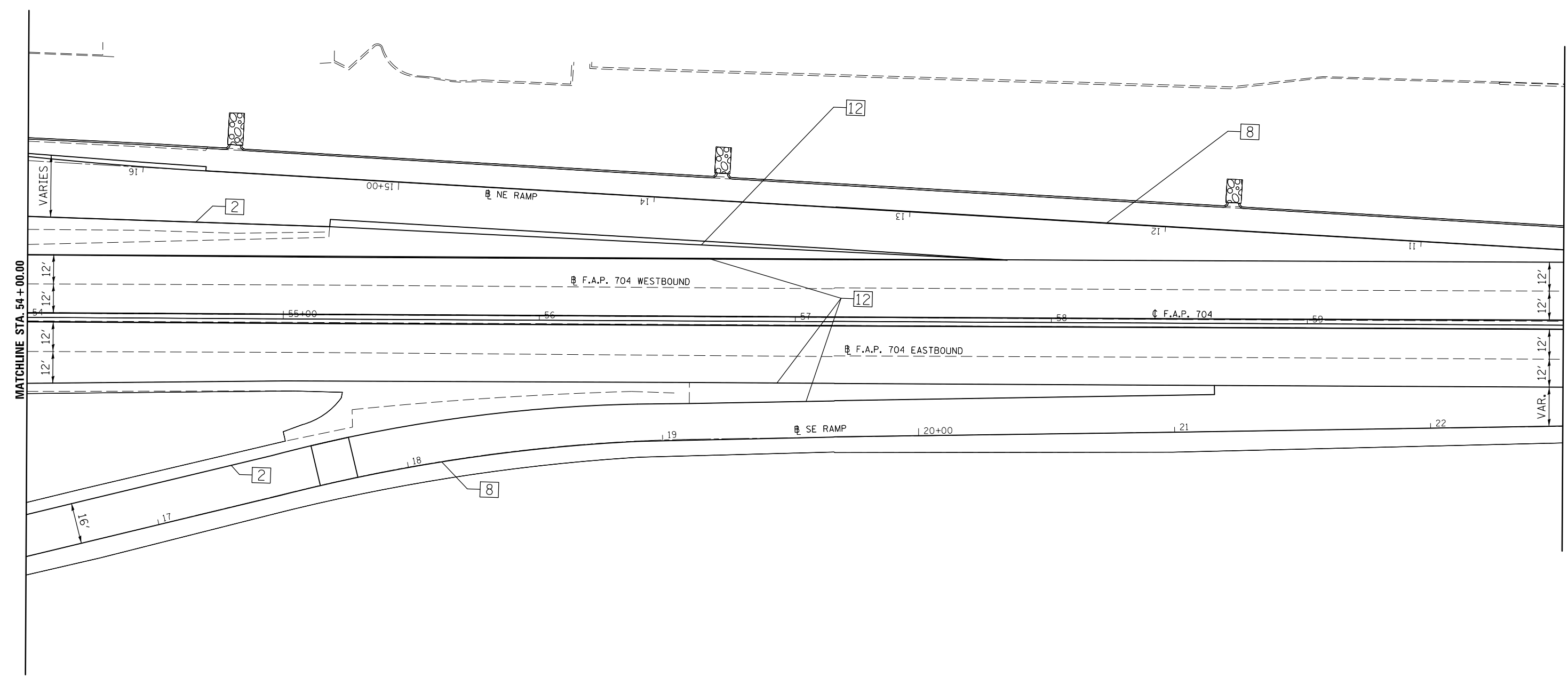


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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -				704	(57-7RS-1&1RS-3)	McLean	273	108
PLOT DATE = 6/11/2014	DATE -	REVISED -	REVISED -		SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 48+00.00 TO STA. 54+00.00		CONTRACT NO. 70838		ILLINOIS FED. AID PROJECT		
MATCH LINE STA. 54+00.00											



TYPICAL PAVEMENT MARKING LEGEND

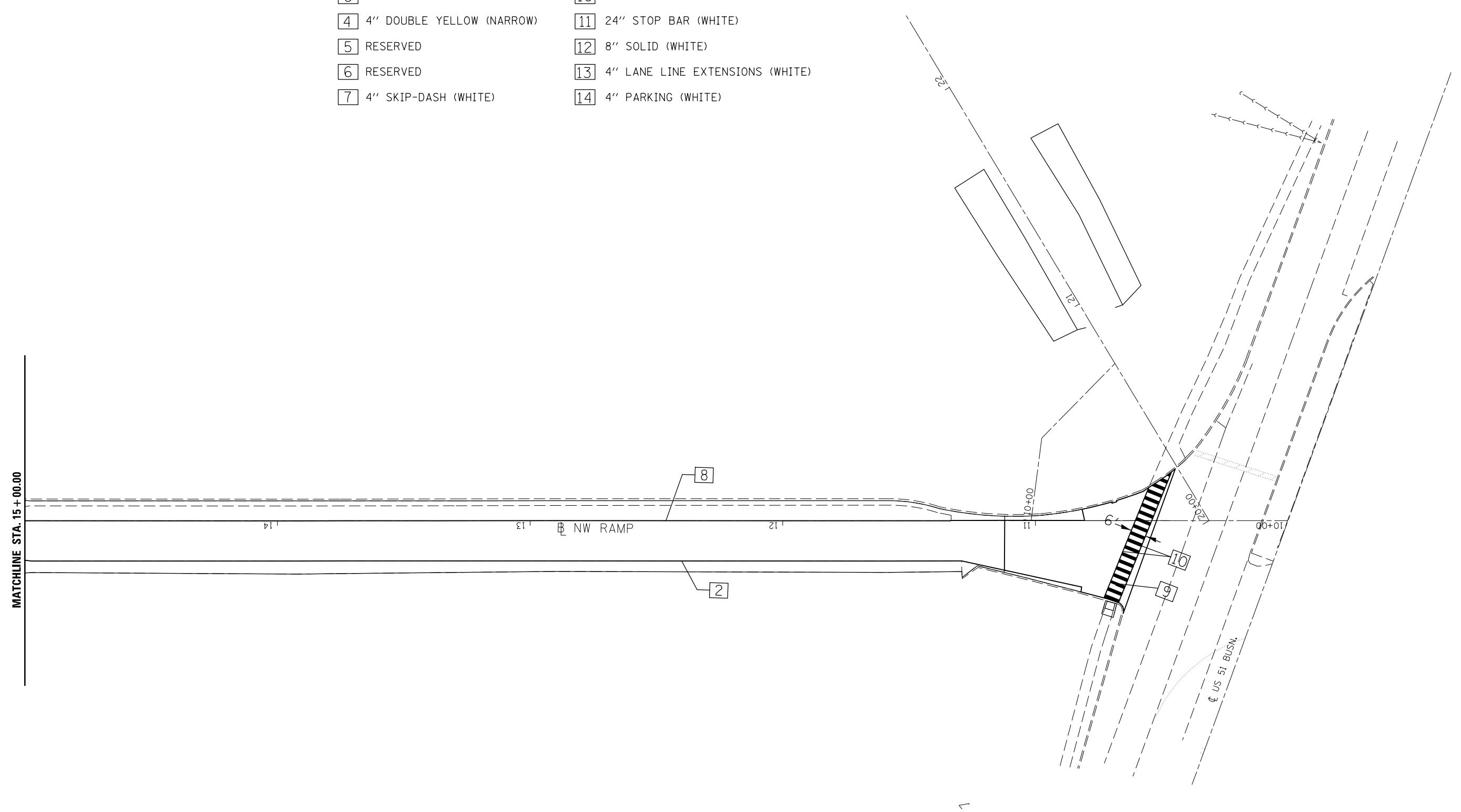
- | | |
|-----------------------------|------------------------------------|
| 1 4" SKIP-DASH (YELLOW) | 8 4" SOLID (WHITE) |
| 2 4" SOLID (YELLOW) | 9 12" DIAGONAL (WHITE) |
| 3 12" DIAGONAL (YELLOW) | 10 6" SOLID (WHITE) |
| 4 4" DOUBLE YELLOW (NARROW) | 11 24" STOP BAR (WHITE) |
| 5 RESERVED | 12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



FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN SHEET NE RAMP			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: 1" = 20'			SHEET 2 OF 2 SHEETS			CONTRACT NO. 70838	
PLOT DATE = 6/11/2014		DATE -	REVISED -		STA. 54+00.00 TO STA. 60+00.00			ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKING LEGEND

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

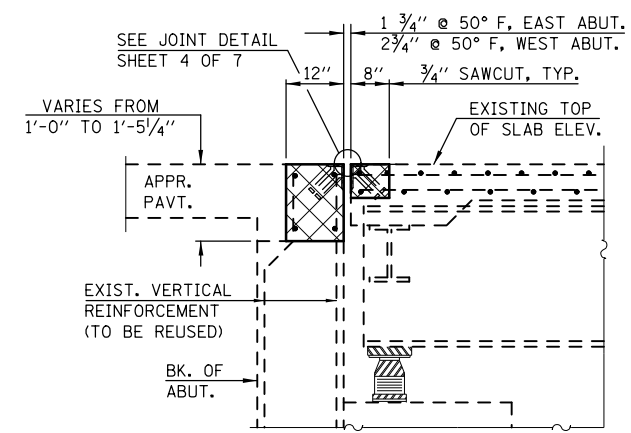
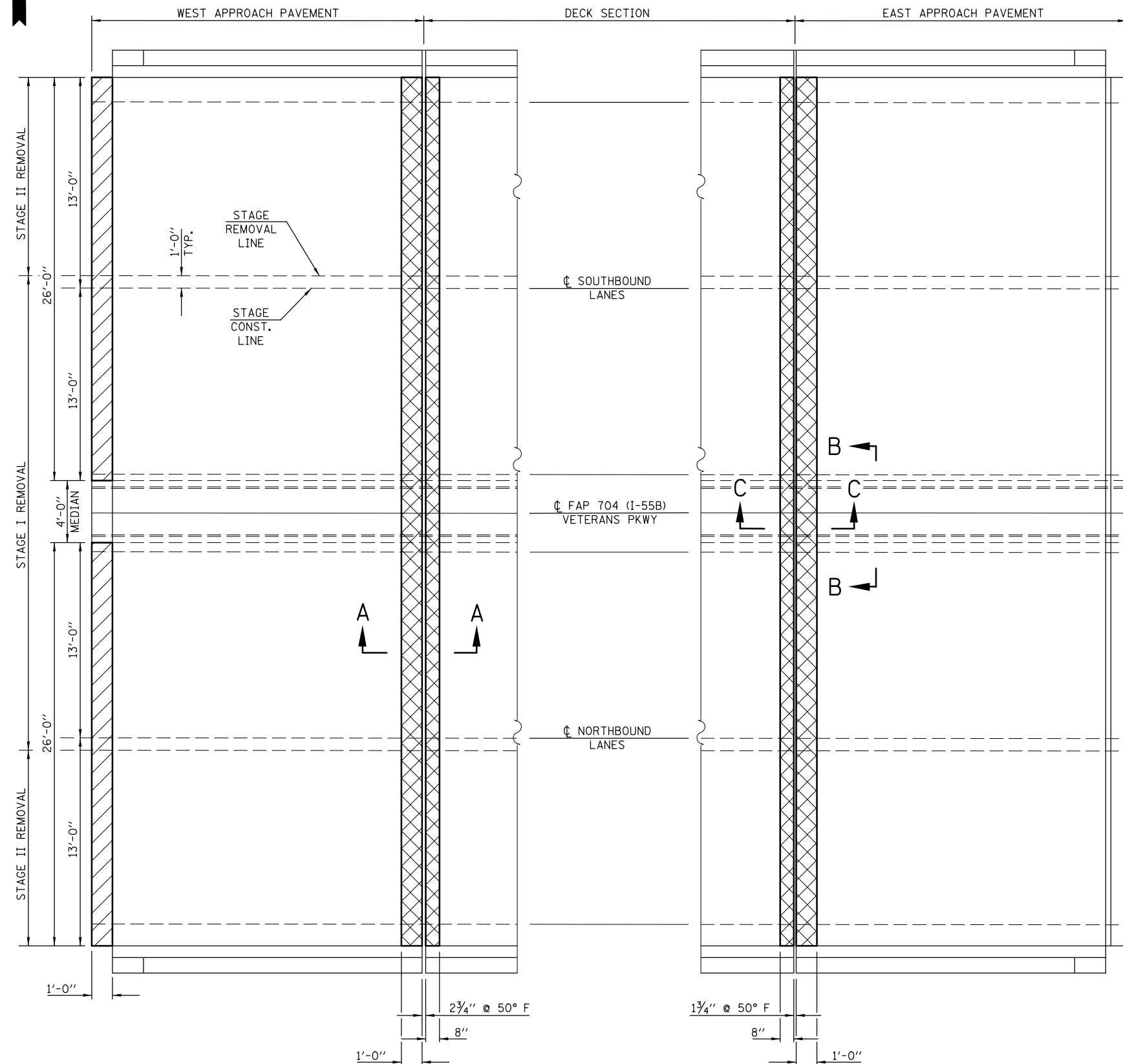
PAVEMENT MARKING PLAN SHEET
NW RAMP

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 10+00.00 TO STA. 15+00.00

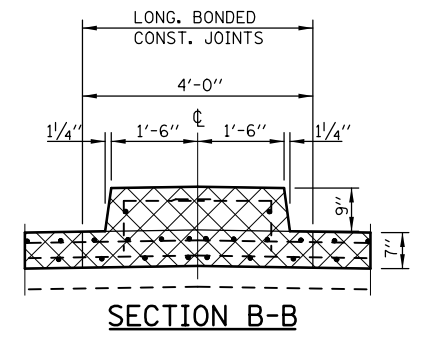
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	110
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70838	

CONCRETE REMOVAL PLAN

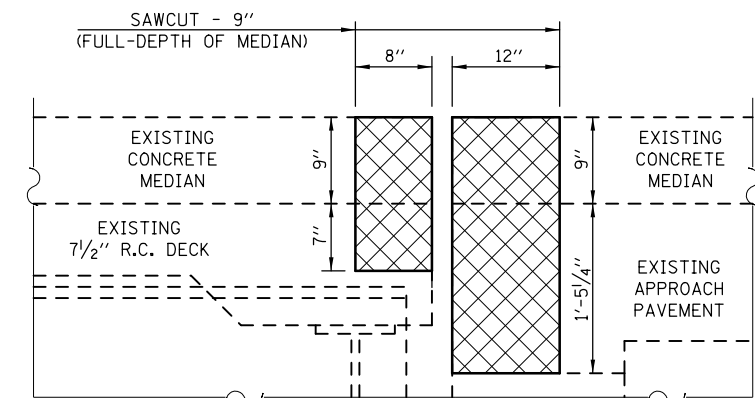
S.N. 057-0063



SECTION A-A



SECTION B-B



SECTION C-C

LEGEND

- APPROACH SLAB REPAIR (PARTIAL-DEPTH)
- CONCRETE REMOVAL

BILL OF MATERIALS

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (PARTIAL-DEPTH)	SQ YD	5.8
CONCRETE REMOVAL	CU YD	7.0

NOTES

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

THE LIMITS OF CONCRETE REMOVAL ON THE DECK SIDE OF THE JOINT ARE INTENDED TO PROVIDE FOR THE REMOVAL OF THE EXISTING STEEL ARMOR. THE ARMOR EXTENDS INTO THE PARAPET AND SHALL BE CUT OFF FLUSH WITH THE FACE OF THE PARAPET CURB AT THE EDGE OF THE REMOVAL LIMITS. COST INCLUDED WITH CONCRETE REMOVAL.

SEE SPECIAL PROVISION "DECK SLAB REPAIR" FOR APPROACH SLAB REPAIR (PARTIAL-DEPTH). FOR INTENT OF THIS WORK, "DECK" = "APPROACH".

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

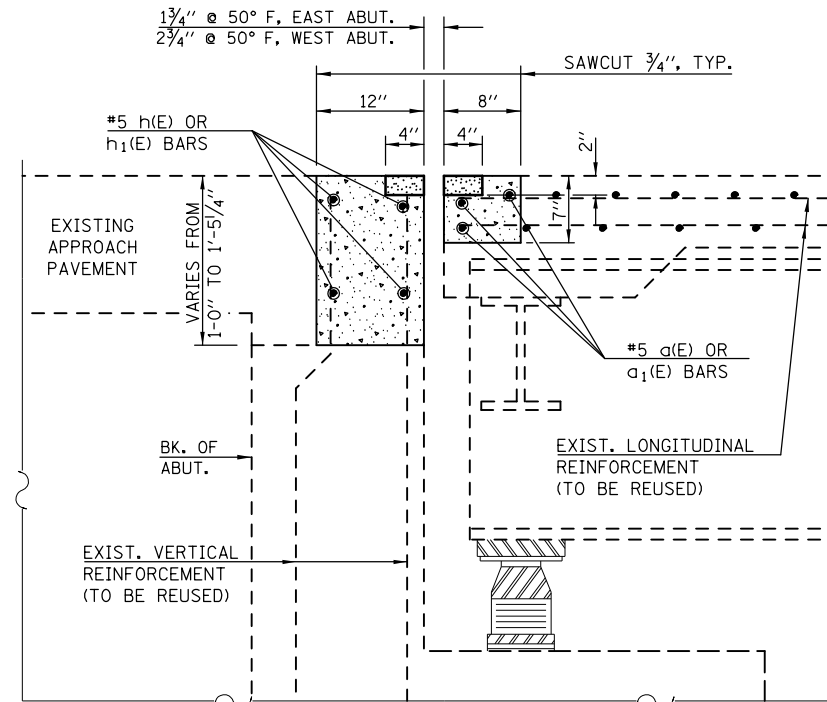
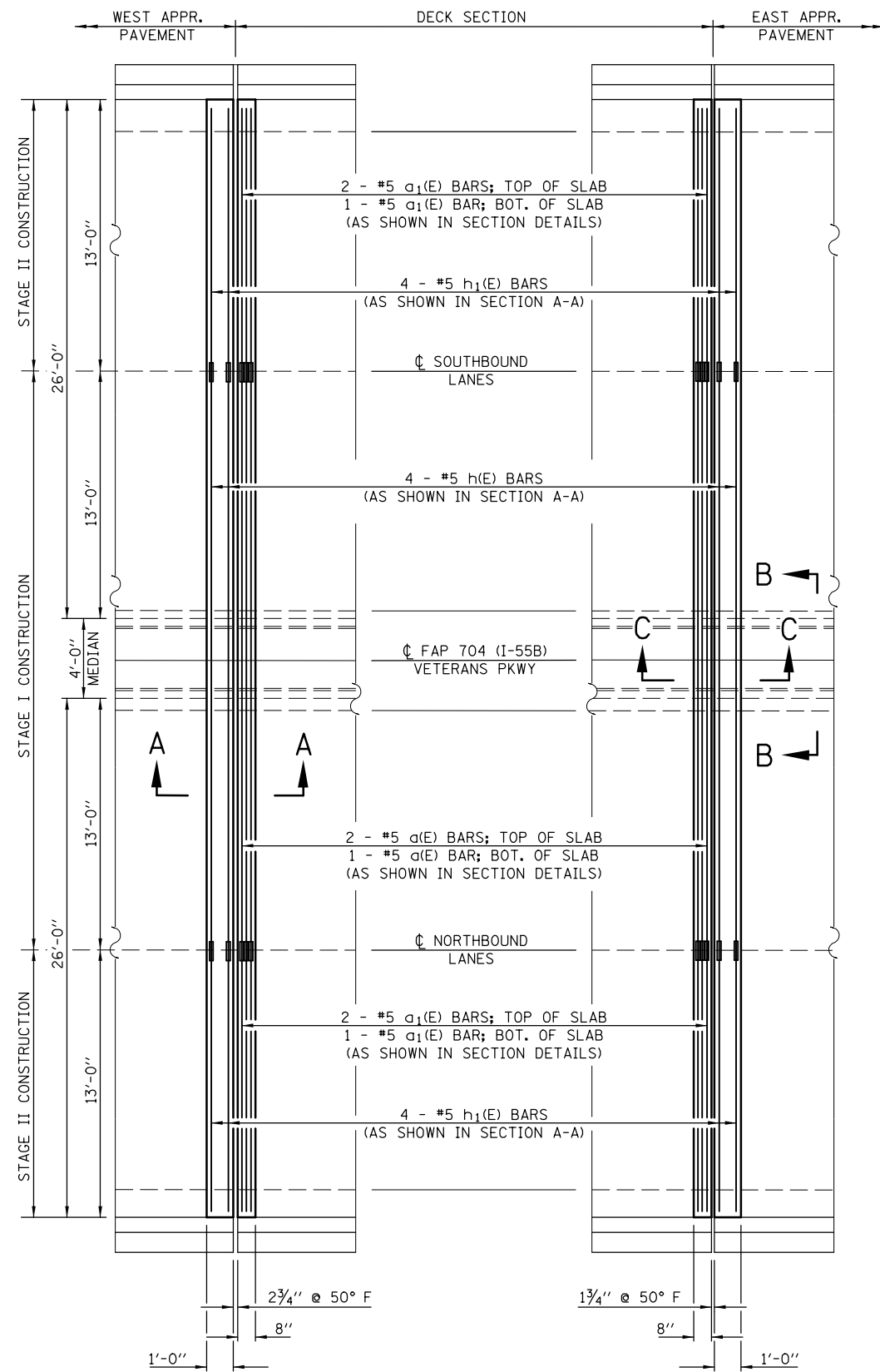
**CONCRETE REMOVAL PLAN
S.N. 057-0063**

SCALE: SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7RS-1 & 1RS-3)	McLean	273	112
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

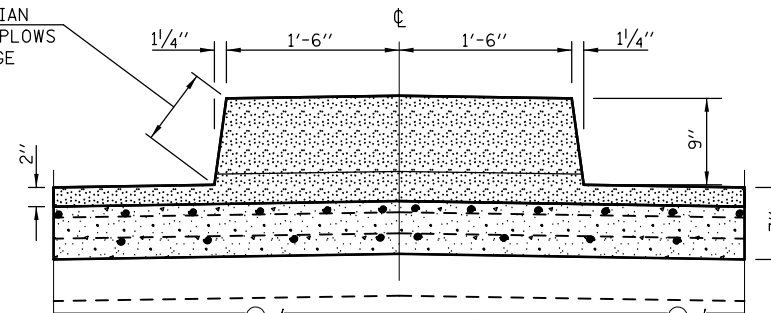
SUPERSTRUCTURE REPAIR PLAN

S.N. 057-0063

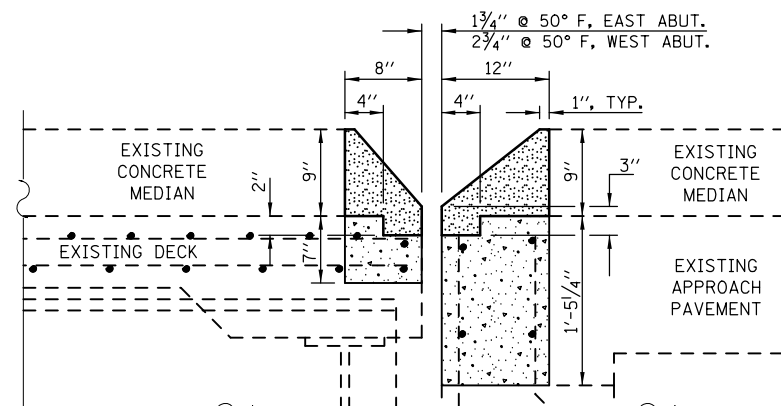


SECTION A-A

ROUND CORNERS AT MEDIAN
END TO PREVENT SNOW PLOWS
FROM SNAGGING THE EDGE



SECTION B-B



SECTION C-C

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a1(E)	6	#5	30'-0"	---
a1(E)	12	#5	12'-10"	---
h1(E)	8	#5	30'-0"	---
h1(E)	16	#5	12'-10"	---
CONCRETE SUPERSTRUCTURE			CU YD	6.2
POLYMER CONCRETE			CU FT	17.1
REINFORCEMENT BARS (EPOXY COATED)			POUND	820.0
BAR SPLICERS			EACH	28
PROTECTIVE COAT			SQ YD	17.5

NOTES

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

EXCLUDING POLYMER CONCRETE, PROTECTIVE COAT SHALL BE APPLIED TO ALL NEW CONCRETE SURFACES PER ARTICLE 503.19 OF THE STD. SPECS.

LEGEND

	POLYMER CONCRETE
	CONCRETE SUPERSTRUCTURES

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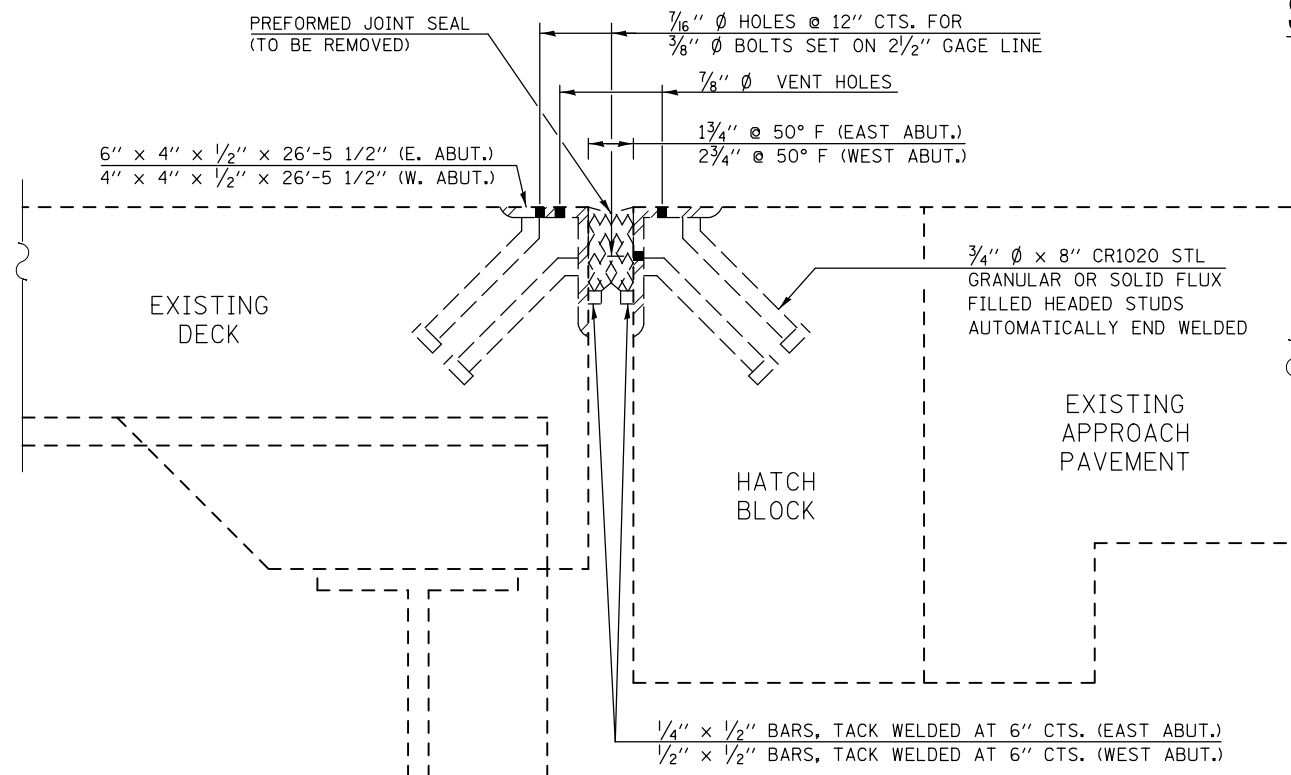
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE REPAIR PLAN
S.N. 057-0063

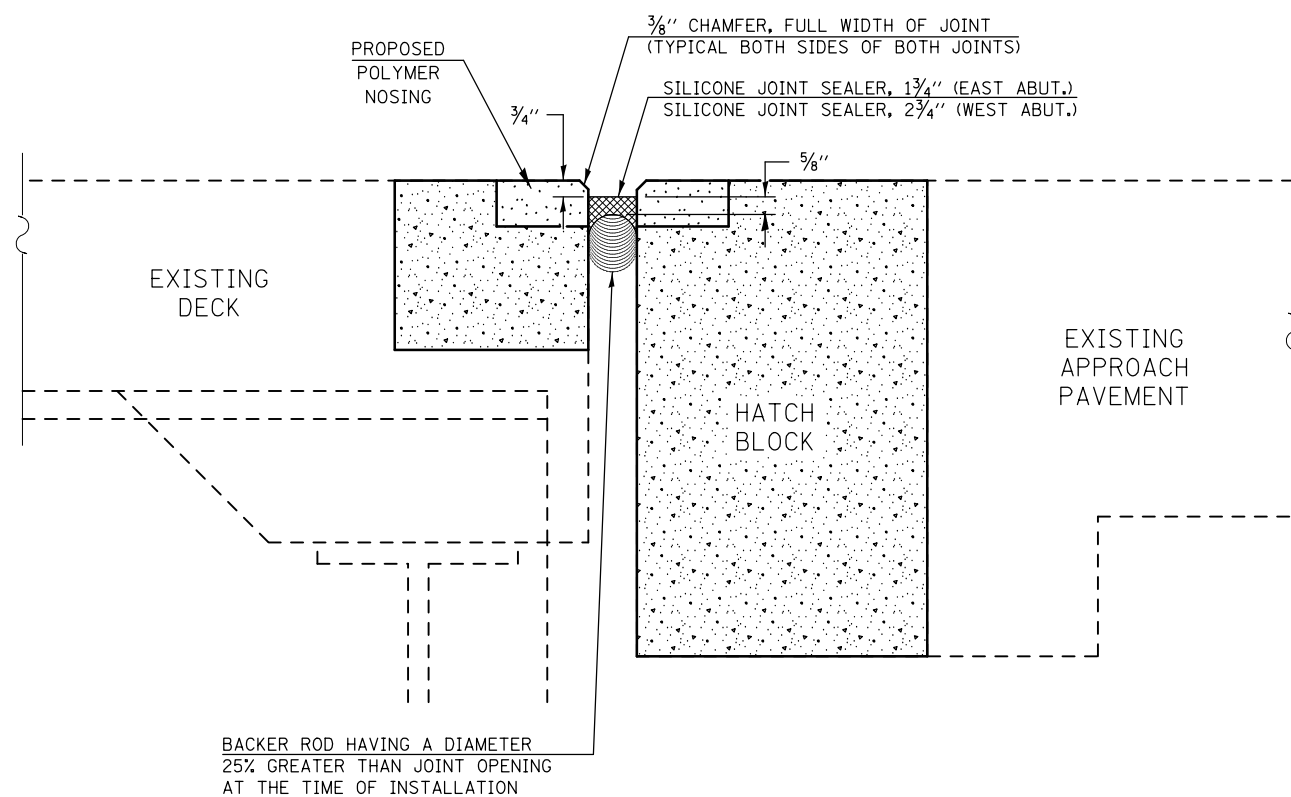
SCALE: SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	113
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

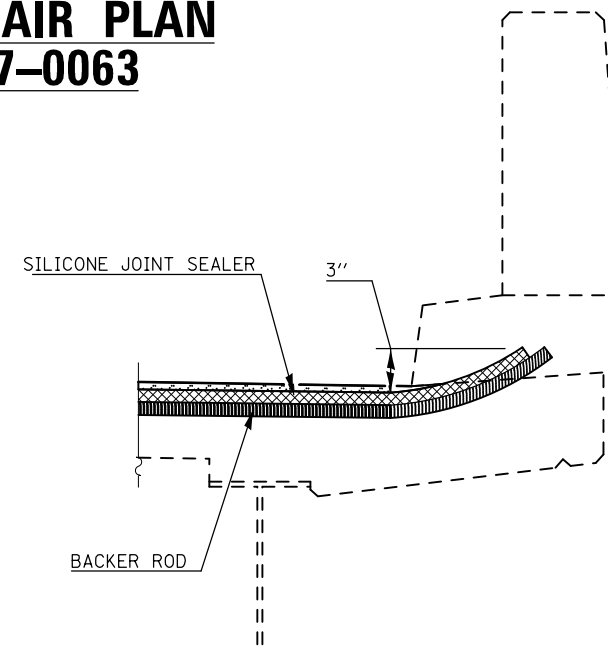
JOINT REPAIR PLAN S.N. 057-0063



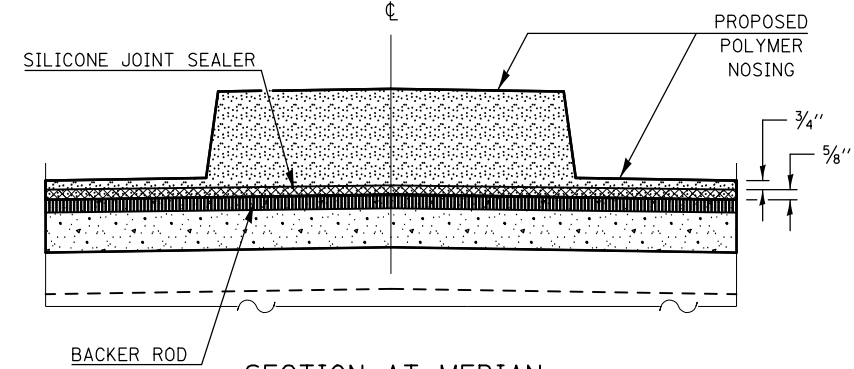
SECTION AT EXISTING JOINT



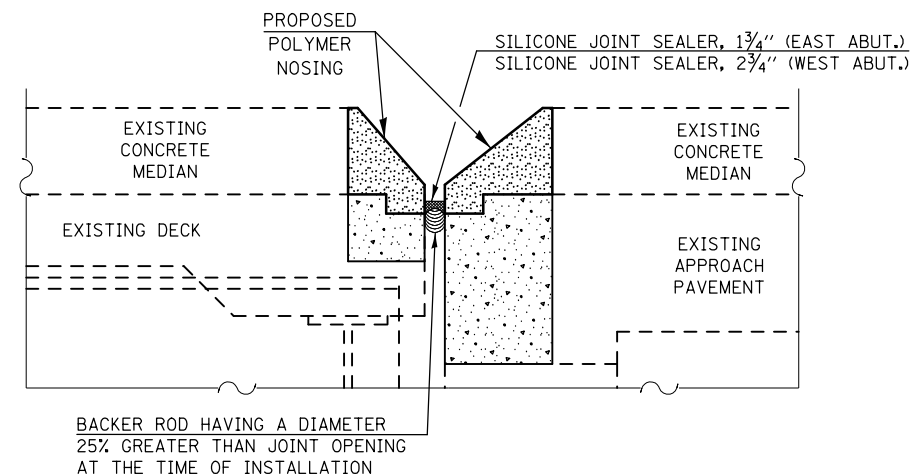
SECTION AT PROPOSED JOINT



SECTION AT PARAPET



SECTION AT MEDIAN



PROFILE OF PROPOSED JOINT THRU MEDIAN

BILL OF MATERIALS

ITEM	UNIT	TOTAL
SILICONE JOINT SEALER, 1 3/4"	FOOT	58.0
SILICONE JOINT SEALER, 2 3/4"	FOOT	58.0

NOTES

THE EXISTING PREFORMED JOINT SEALER AND STEEL ARMOR IS TO BE REMOVED AND PROPERLY DISPOSED OF. COST INCLUDED IN CONCRETE REMOVAL.

SEE SHEETS 2-3 OF 8 FOR CONCRETE REMOVAL, CONCRETE SUPERSTRUCTURES & POLYMER CONCRETE DETAILS AND QUANTITIES.

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
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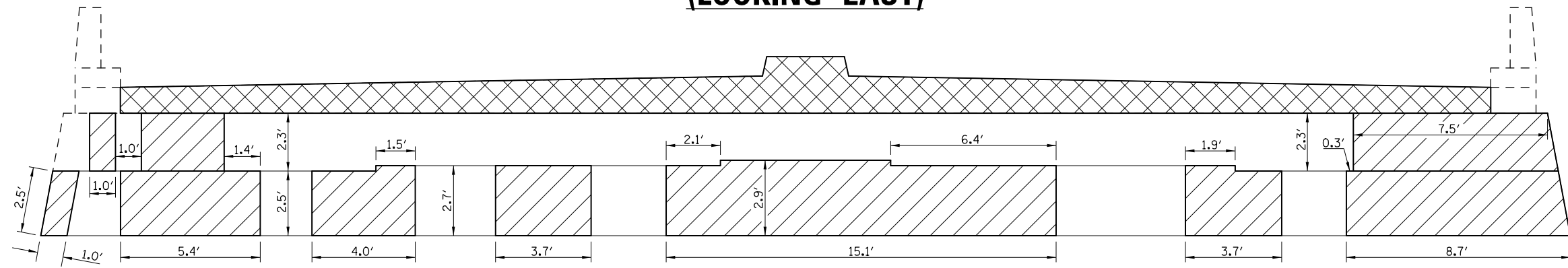
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINT REPAIR PLAN
S.N. 057-0063**

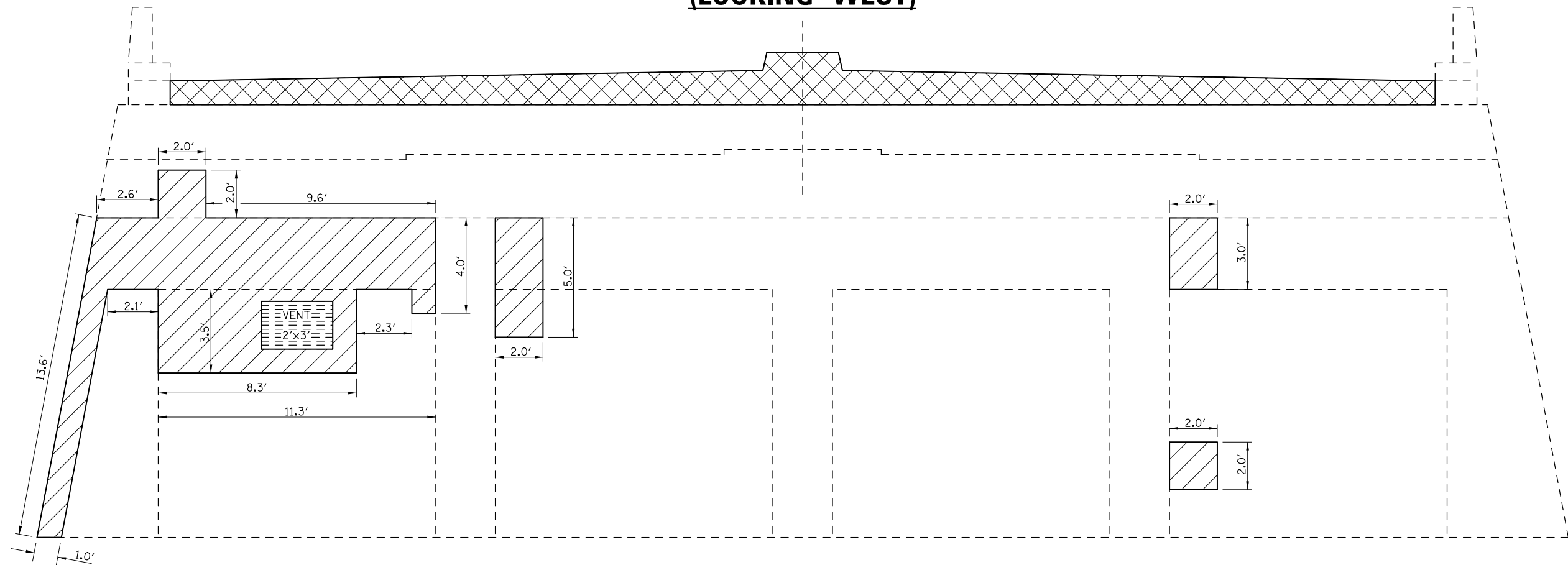
SCALE: SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7RS-1 & 1RS-3)	McLean	273	114
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EAST ABUTMENT (LOOKING EAST)



WEST ABUTMENT (LOOKING WEST)



LEGEND

- STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"
- CONCRETE REMOVAL & CONCRETE STRUCTURES (SEE SHEET 2-3 OF 8 FOR DETAILS & QUANTITIES)

NOTE:

SEE SPECIAL PROVISION FOR STRUCTURAL REPAIR OF CONCRETE.

THE CONTRACTOR SHALL USE CARE TO AVOID DAMAGING THE EXISTING 2'x3' VENT IN THE WEST ABUTMENT WALL DURING THE REMOVAL FOR STRUCTURAL REPAIR OF CONCRETE. THE EXISTING FRAME AND VENT SHALL BE SALVAGED AND REUSED. COST INCLUDED WITH STRUCTURAL REPAIR OF CONCRETE (DEPTH LESS THAN OR EQUAL TO 5 INCHES).

BILL OF MATERIALS

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"	SQ FT	238.3

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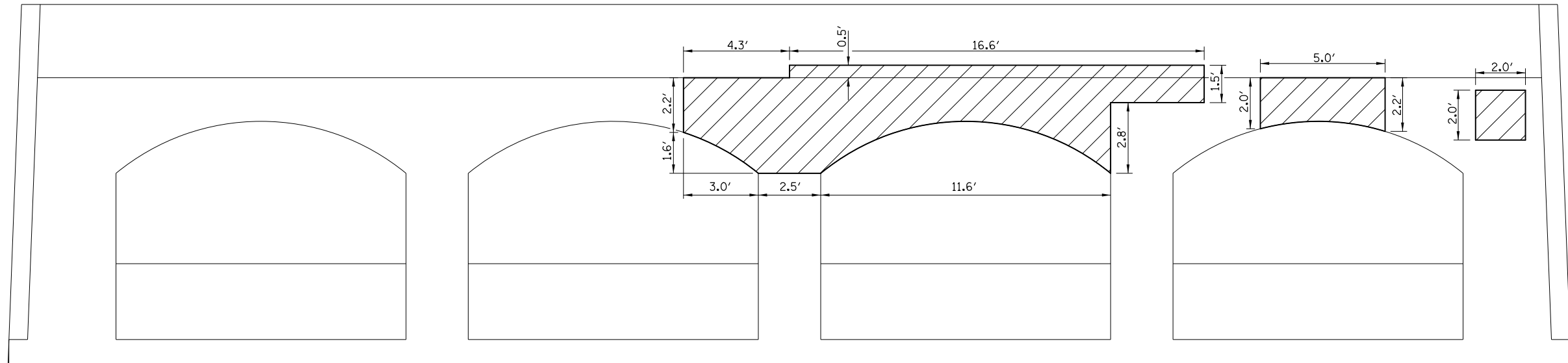
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**S.N. 057-0063 - SUBSTRUCTURE REPAIR PLAN
ABUTMENTS**

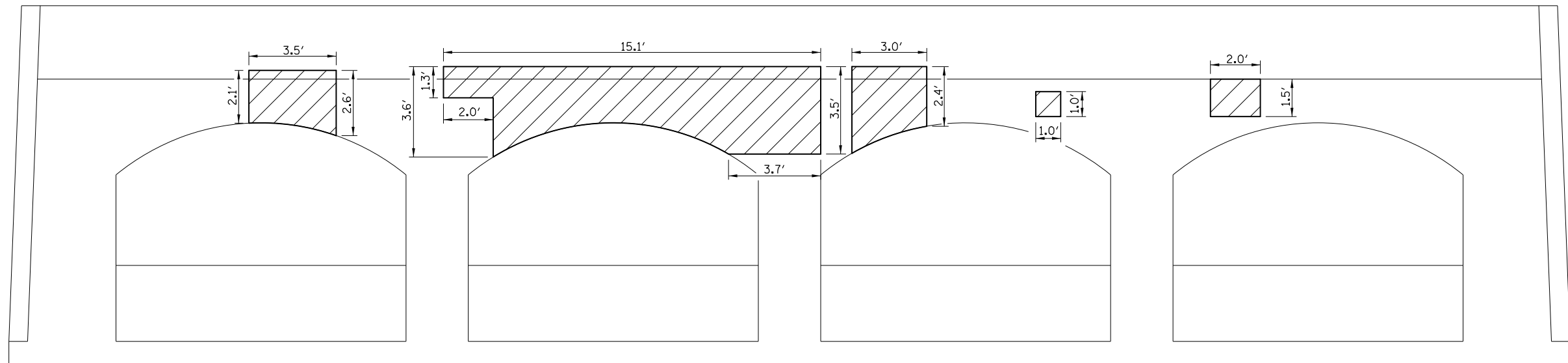
SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	115
CONTRACT NO. 70838				
ILLINOIS FED. AID PROJECT				

PIER 1 – WEST SIDE



PIER 1 – EAST SIDE



LEGEND

STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"

NOTE:

SEE SPECIAL PROVISION FOR STRUCTURAL REPAIR OF CONCRETE.

BILL OF MATERIALS

ITEM	UNIT	TOTAL
STRUCTURAL REPAIR OF CONCRETE, DEPTH EQUAL TO OR LESS THAN 5"	SQ FT	132.7

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	S.N. 057-0063 – SUBSTRUCTURE REPAIR PLAN PIER 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	et:\pw\work\p\dot\dodgems\d0267571\05700638-sht-Hyd.dgn	DRAWN - GMS	REVISED -			704	(57-7)RS-1 & 1RS-3	McLean	273	116	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - BJM	REVISED -			CONTRACT NO. 70838					
	PLOT DATE = 6/11/2014	DATE - 10-29-12	REVISED -			ILLINOIS FED. AID PROJECT					

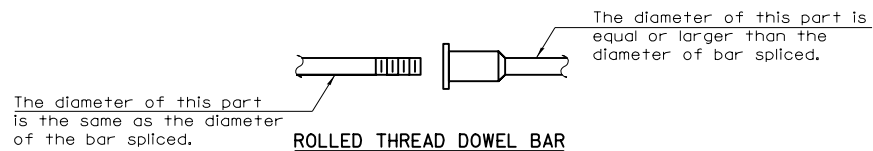
NOTES:

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars. Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length. All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
- ② Minimum Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_t$

Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

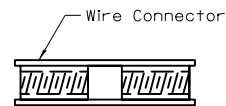
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-2"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8



ROLLED THREAD DOWEL BAR



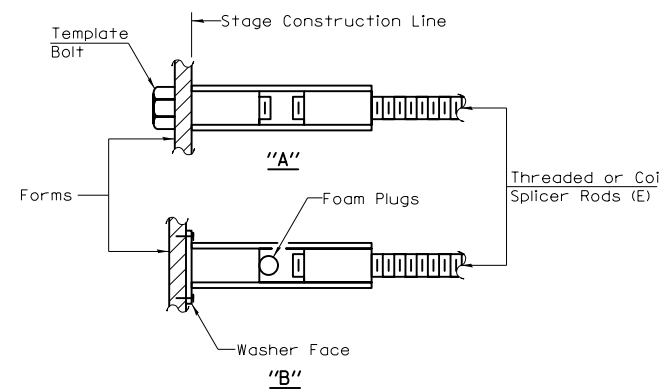
ONE PIECE



WELDED SECTIONS

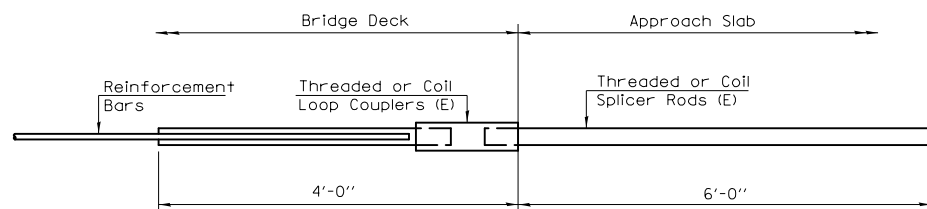
BAR SPLICER ASSEMBLY ALTERNATIVES

•• Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.

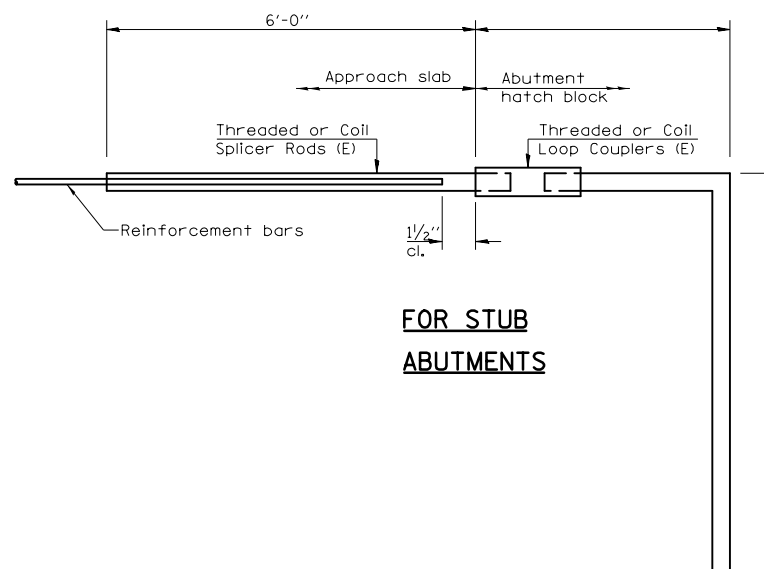


INSTALLATION AND SETTING METHODS

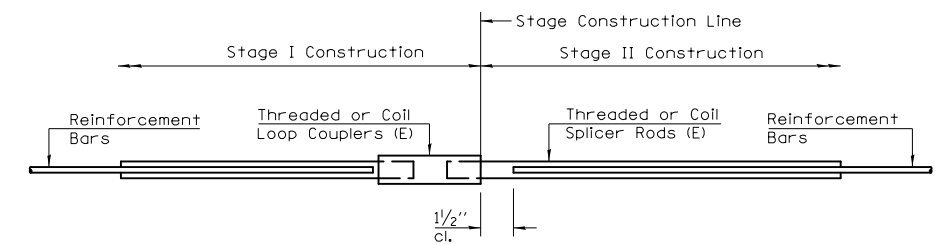
"A": Set bar splicer assembly by means of a template bolt.
 "B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS



FOR STUB ABUTMENTS



STANDARD

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = N.A.

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = N.A.

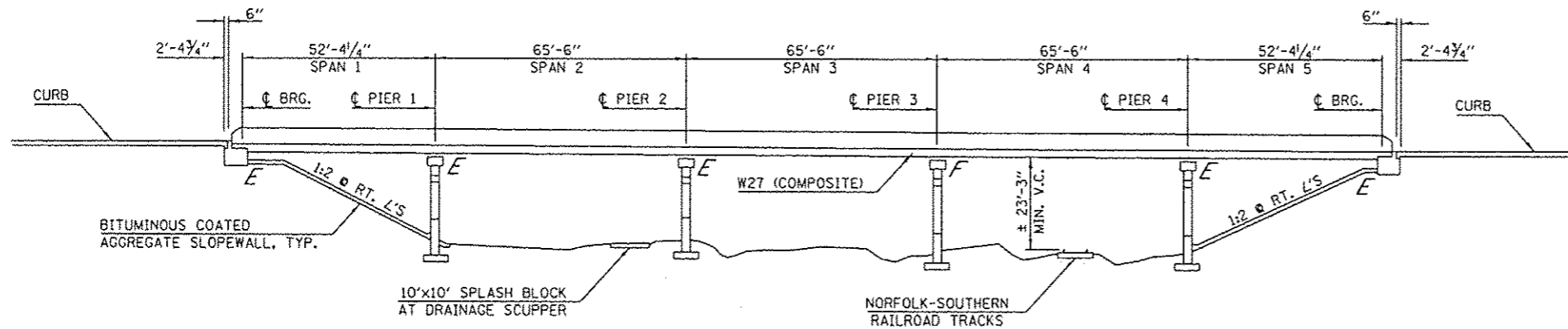
Bar Size	No. Assemblies Required	Location
#5	12	DECK ENDS
#5	16	HATCH BLOCKS

**BAR SPLICER ASSEMBLY DETAILS
 STRUCTURE NO. 057-0063**

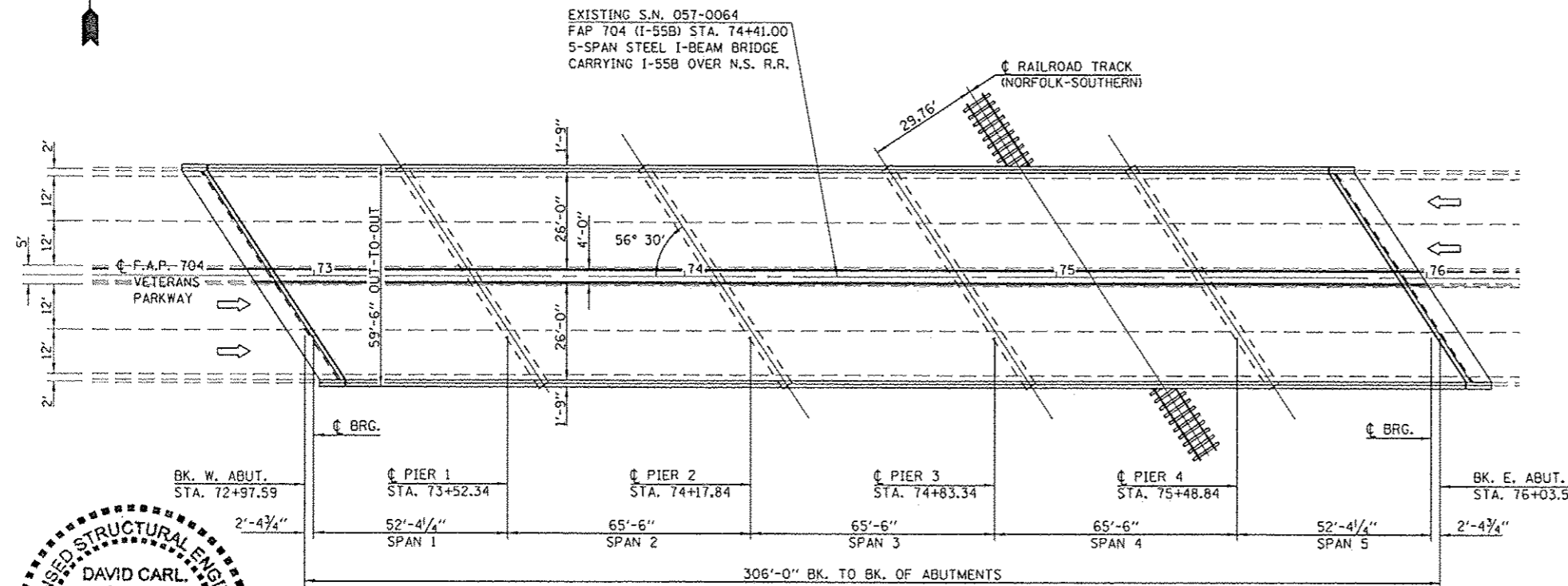
BSD-1 10-1-08

GENERAL PLAN & ELEVATION

S.N. 057-0064



ELEVATION



PLAN

STRUCTURE 057-0064 WAS BUILT IN 1940 AS FA ROUTE 5, SECTION 1-VB AT STATION 74+41 BY THE STATE OF ILLINOIS IN MCLEAN COUNTY. THE STRUCTURE WAS REHABILITATED IN 1987 WITH FAP ROUTE 704, SECTION 1-VBR. WITH THE REHABILITATION SECTION, THE SUBSTRUCTURE WAS RAISED TO PROVIDE ADDITIONAL VERTICAL CLEARANCE OVER THE THEN THREE EXISTING RAILROAD TRACKS AND A STEEL WIDE-FLANGE SUPERSTRUCTURE WAS PLACED.

THE EXISTING STRUCTURE IS A FIVE-SPAN STRUCTURE WITH A BACK-TO-BACK OF ABUTMENT LENGTH OF 306'-0". THE REINFORCED CONCRETE DECK HAS TWO TRAVEL LANES IN EACH DIRECTION WITH A 4'-0" BARRIER CURB BONDED MEDIAN BETWEEN. THE TOTAL DECK WIDTH IS 56'-0" FROM PARAPET TO PARAPET AND HAS AN OUT-TO-OUT WIDTH OF 59'-6". THE SUPERSTRUCTURE CONSISTS OF TEN 27" WIDE-FLANGE STEEL BEAMS SUPPORTING A 7 1/2" R.C. DECK. THE SUPERSTRUCTURE IS SUPPORTED BY TWO STUB ABUTMENTS ON CONCRETE PILES AND FOUR MULTI-COLUMN PIERS ON SPREAD FOOTINGS. THE SLOPES ARE PROTECTED WITH BITUMINOUS COATED AGGREGATE SLOPE WALLS. THE STRUCTURE LIES ON A 33° 30' RIGHT-FORWARD SKEW.

METHOD OF CONSTRUCTION: STAGE CONSTRUCTION

SEE PROPOSED IMPROVEMENTS ON THIS SHEET.

PROPOSED WORK

1. REPLACE EXISTING HATCH BLOCKS.
2. PLACE POLYMER CONCRETE NOSING IN NEW HATCH BLOCKS.
3. PERFORM PARTIAL DEPTH PATCHING ON APPROACH PAVEMENTS.
4. REPLACE EXISTING SILICONE JOINT SEALER.

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	7.2
REINFORCEMENT BARS, EPOXY COATED	POUND	800.0
BAR SPLICERS	EACH	16
CONCRETE SUPERSTRUCTURE	CU YD	6.6
POLYMER CONCRETE	CU FT	14.2
APPROACH SLAB REPAIR (PARTIAL)	SQ YD	12.2
SILICONE JOINT SEALER, 2 1/2"	FOOT	139.0
PROTECTIVE COAT	SQ YD	21.5

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

THE DECK SURFACE SHALL HAVE ITS FINAL FINISH TINED ACCORDING TO ARTICLE 420.09(6)(1) OF THE STANDARDS SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURE.

JOINT OPENINGS SHALL BE ADJUSTED ACCORDING TO ARTICLE 520.04 OF THE STD. SPECS. WHEN THE DECK IS POURED AT AN AMBIENT TEMPERATURE OTHER THAN 50° F.

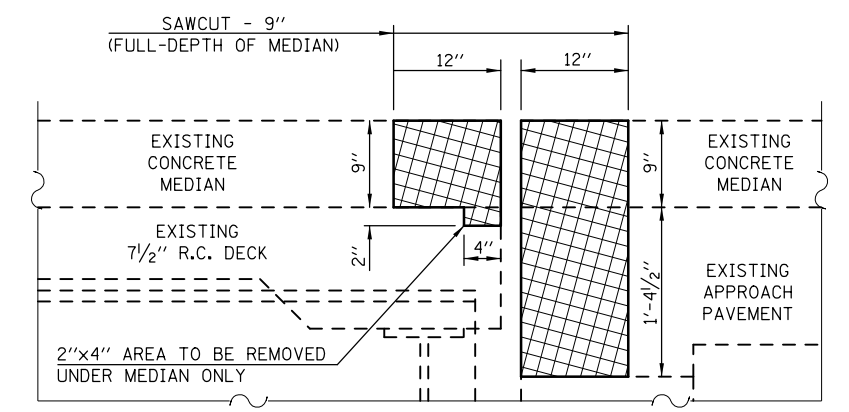
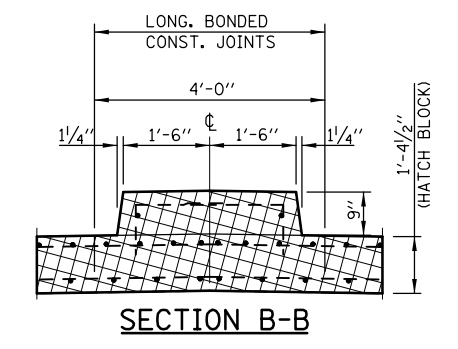
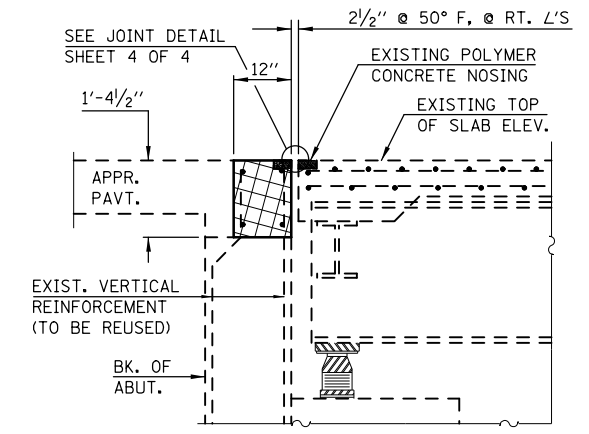
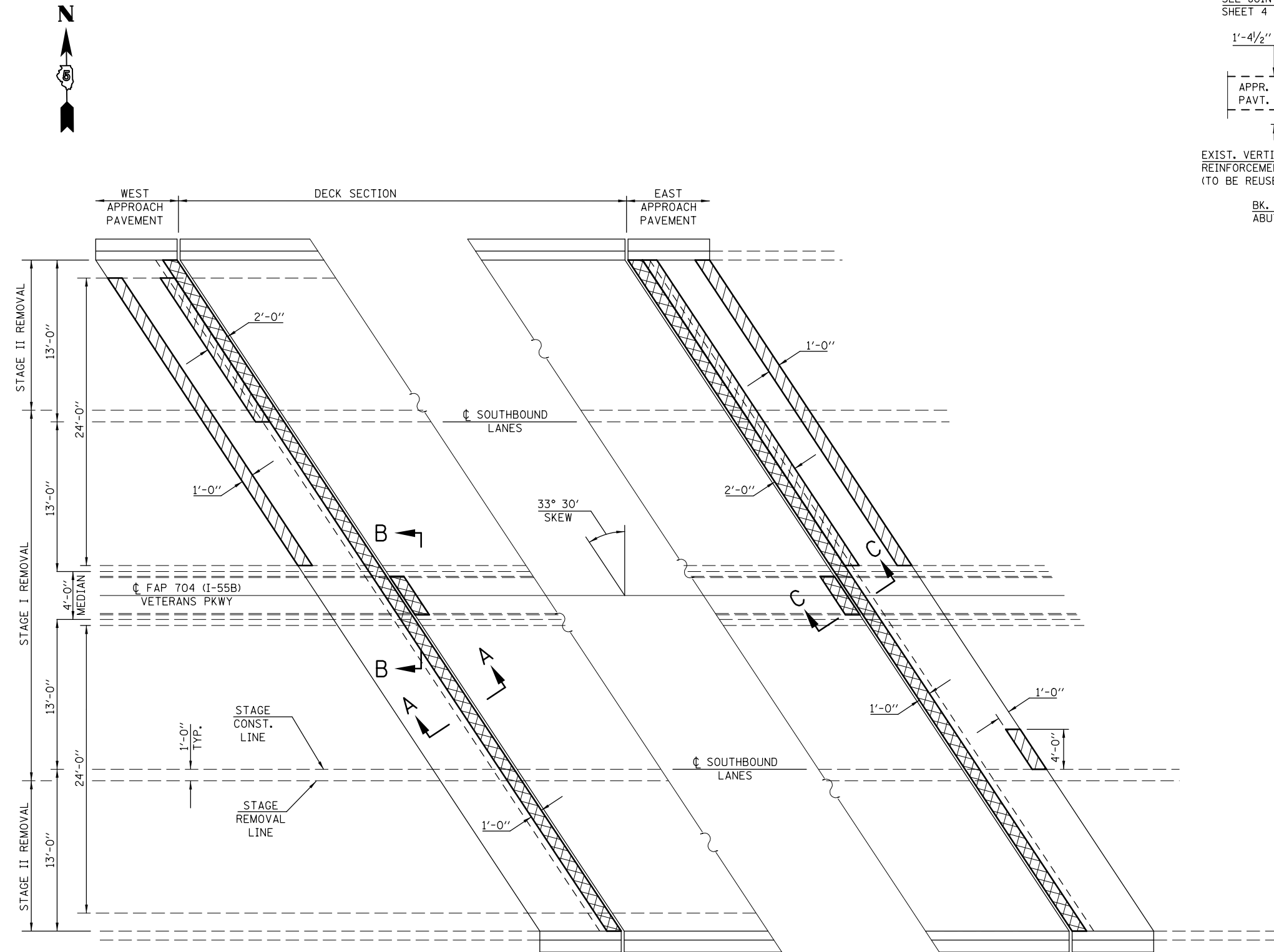


David Carl Puzey 7/17/14
Expires 1/30/14

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PLBT SCALE: 1/8"=1'-0"	PLBT DATE: 6/11/2014	DRAWN: GMS	REVISED: -		SCALE:	SHEET NO. 1 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 70838				
CHECKED: BJM	DATE: 10-29-12	REVISED: -	REVISED: -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

CONCRETE REMOVAL PLAN

S.N. 057-0064



LEGEND

- APPROACH SLAB REPAIR (PARTIAL-DEPTH)
- CONCRETE REMOVAL

BILL OF MATERIALS

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (PARTIAL-DEPTH)	SQ YD	12.2
CONCRETE REMOVAL	CU YD	7.2

NOTES

- EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION.
- ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.
- SEE SPECIAL PROVISION "DECK SLAB REPAIR" FOR APPROACH SLAB REPAIR (PARTIAL-DEPTH). FOR INTENT OF THIS WORK, "DECK" = "APPROACH".

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PLOT SCALE = 40.0001' / in.		CHECKED - BJM	REVISED -
PLOT DATE = 6/11/2014		DATE - 10-29-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

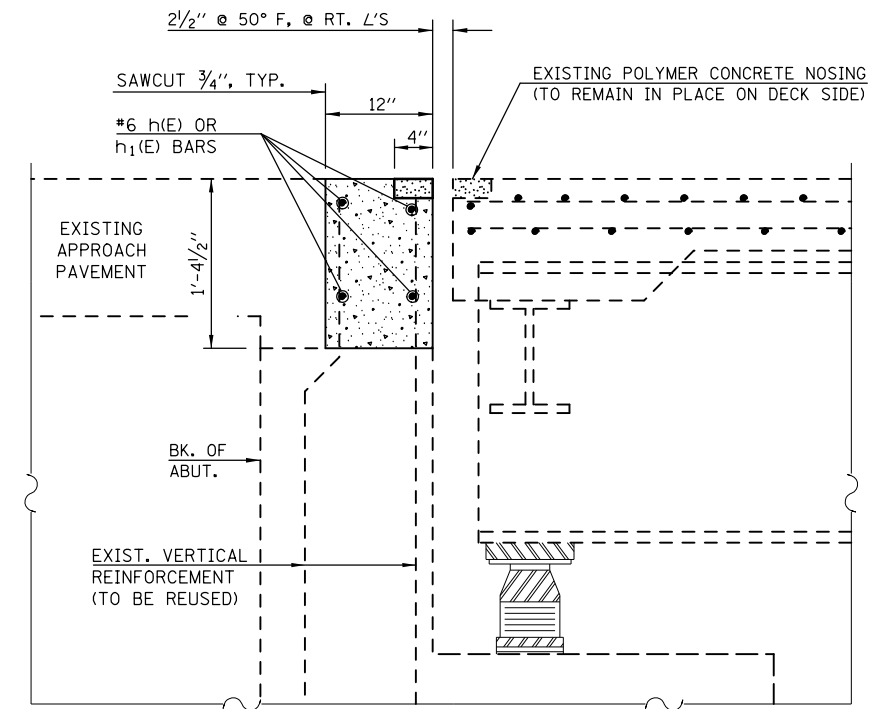
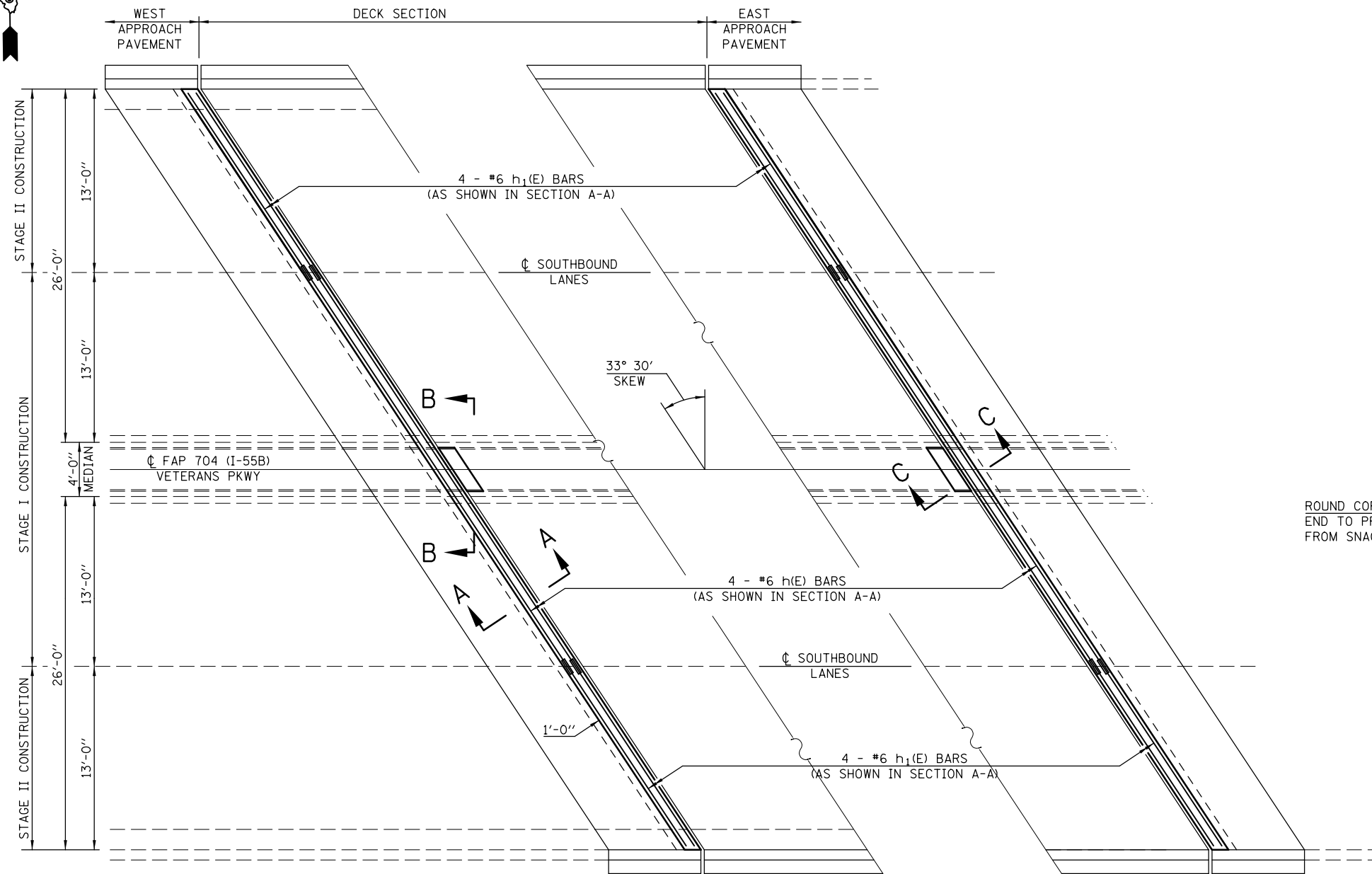
CONCRETE REMOVAL PLAN
S.N. 057-0064

SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7RS-1 & 1RS-3)	McLean	273	120
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

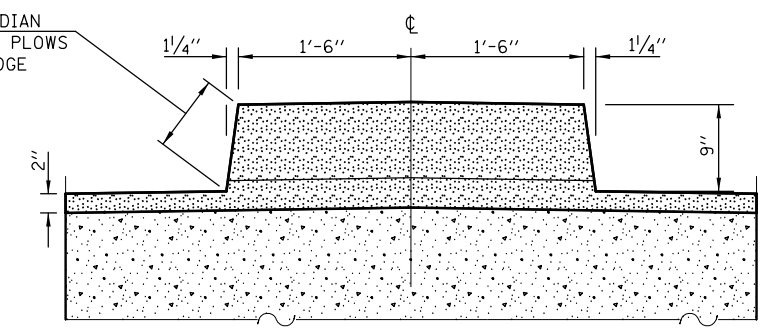
SUPERSTRUCTURE REPAIR PLAN

S.N. 057-0064

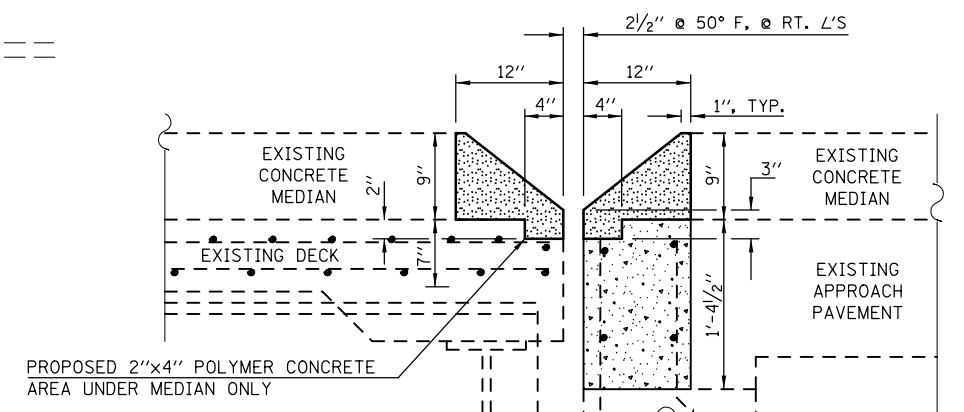


SECTION A-A

ROUND CORNERS AT MEDIAN
END TO PREVENT SNOW PLOWS
FROM SNAGGING THE EDGE



SECTION B-B



SECTION C-C

NOTES

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

EXCLUDING POLYMER CONCRETE, PROTECTIVE COAT SHALL BE APPLIED TO ALL NEW CONCRETE SURFACES PER ARTICLE 503.19 OF THE STD. SPECS.

LEGEND

- POLYMER CONCRETE
- CONCRETE SUPERSTRUCTURES

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	8	#6	36'-0"	—
h1(E)	16	#6	15'-5"	—
CONCRETE SUPERSTRUCTURE			CU YD	6.6
POLYMER CONCRETE			CU FT	14.2
REINFORCEMENT BARS (EPOXY COATED)			POUND	800.0
BAR SPLICERS			EACH	16
PROTECTIVE COAT			SQ YD	21.5

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

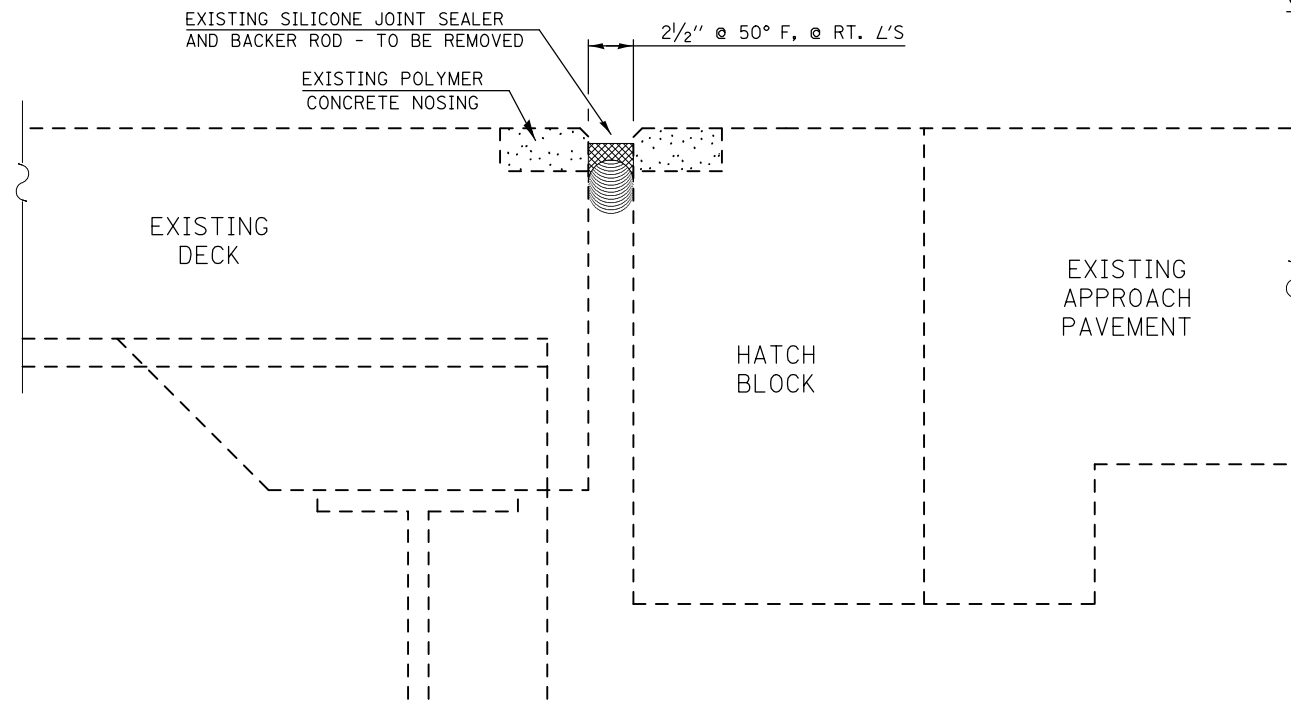
**SUPERSTRUCTURE REPAIR PLAN
S.N. 057-0064**

SCALE: SHEET NO. 3 OF 5 SHEETS STA. TO STA.

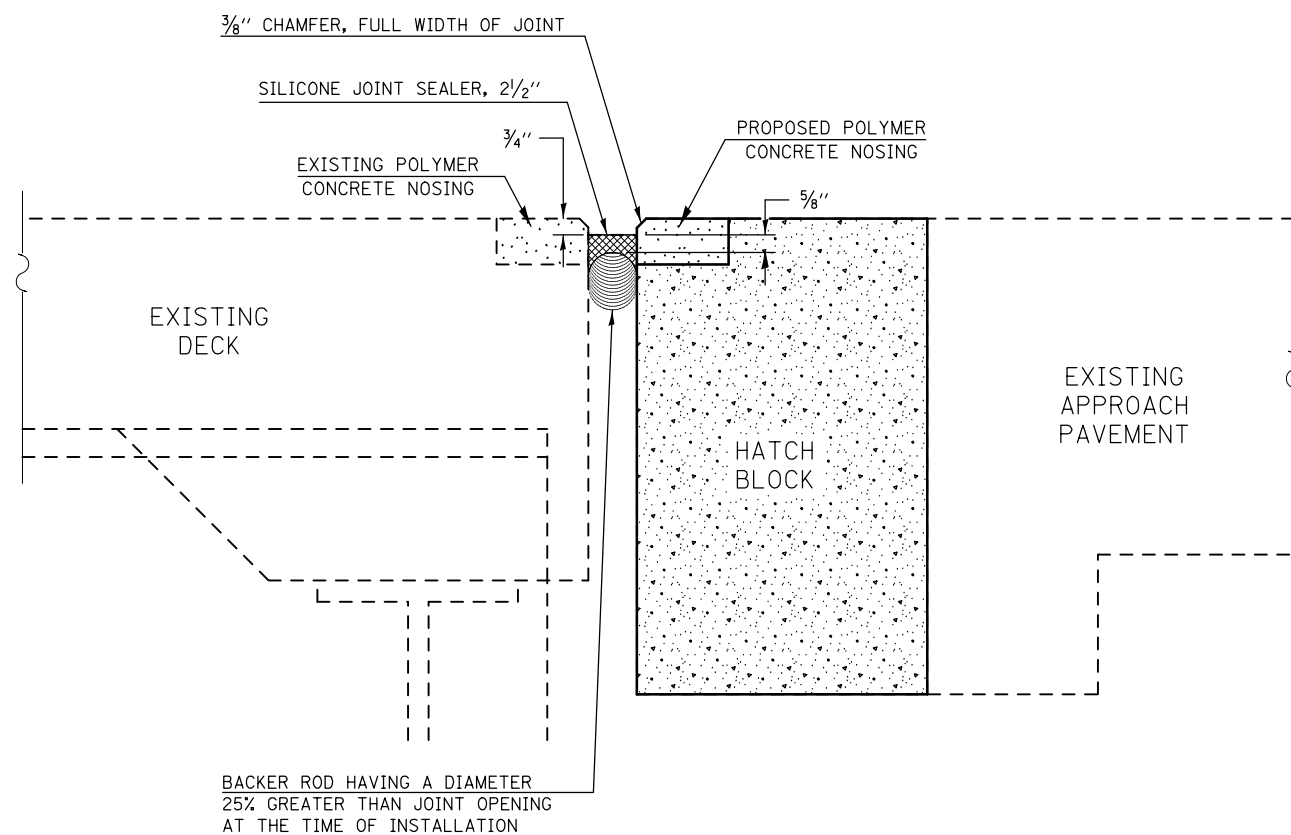
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	121
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70838	

JOINT REPAIR PLAN

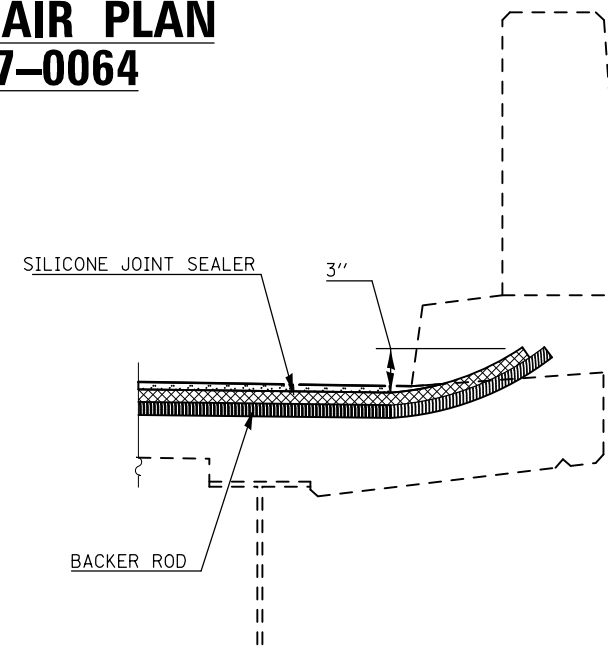
S.N. 057-0064



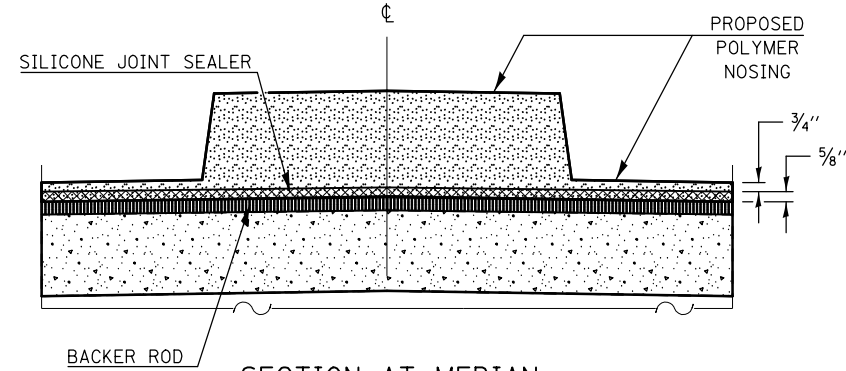
SECTION AT EXISTING JOINT



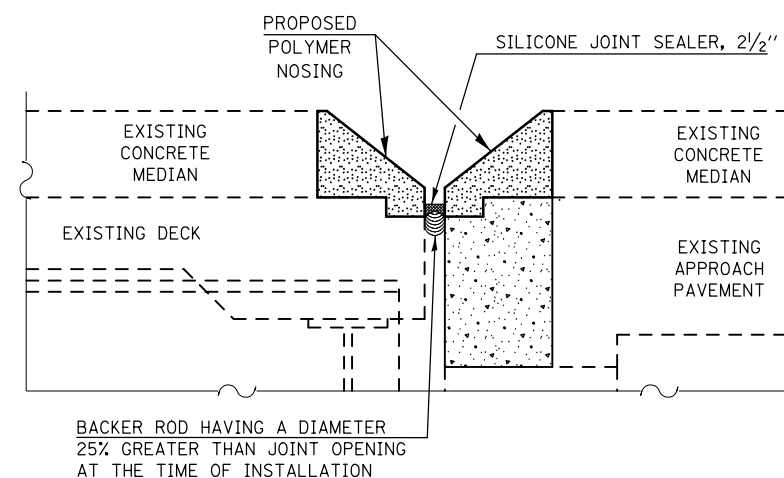
SECTION AT PROPOSED JOINT



SECTION AT PARAPET



SECTION AT MEDIAN



PROFILE OF PROPOSED JOINT THRU MEDIAN

BILL OF MATERIALS

ITEM	UNIT	TOTAL
SILICONE JOINT SEALER, 2 1/2"	FOOT	139.0

NOTES

THE EXISTING SILICONE JOINT SEALER AND POLYMER CONCRETE NOSING ON THE APPROACH SIDE OF THE EXPANSION JOINTS ARE TO BE REMOVED AS DETAILED ON PREVIOUS SHEETS. COST INCLUDED IN CONCRETE REMOVAL.

SEE SHEETS 2-3 OF 5 FOR CONCRETE REMOVAL, CONCRETE SUPERSTRUCTURES & POLYMER CONCRETE DETAILS AND QUANTITIES.

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
et:\pw\work\p\dot\dodgems\d0267571\0570064-38-sht-Hyd.dgn		DRAWN - GMS	REVISED -
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	PLOT DATE = 6/11/2014	DATE - 10-29-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT REPAIR PLAN
S.N. 057-0064

SCALE: SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7RS-1 & 1RS-3	McLean	273	122
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTES:

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars. Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length. All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
- ② Minimum Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_t$

Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-2"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8

The diameter of this part is equal or larger than the diameter of bar spliced.

ROLLED THREAD DOWEL BAR



•• ONE PIECE

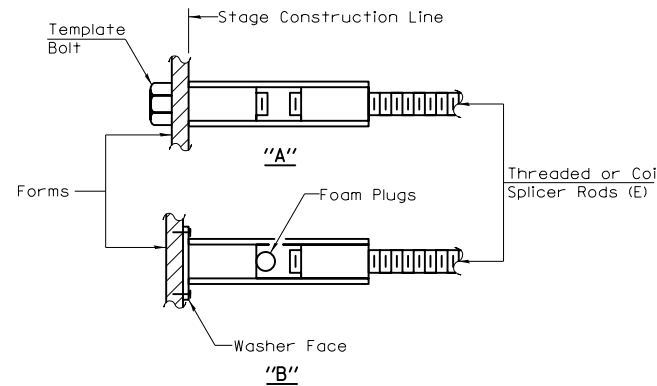
Wire Connector



WELDED SECTIONS

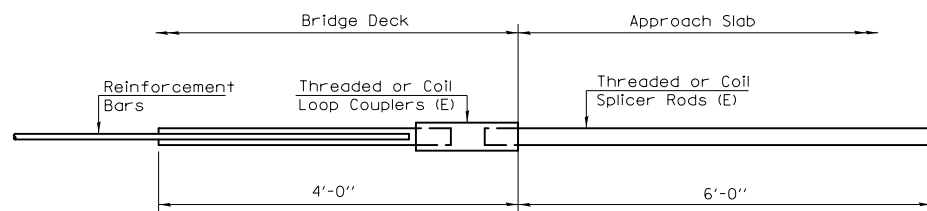
BAR SPLICER ASSEMBLY ALTERNATIVES

•• Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



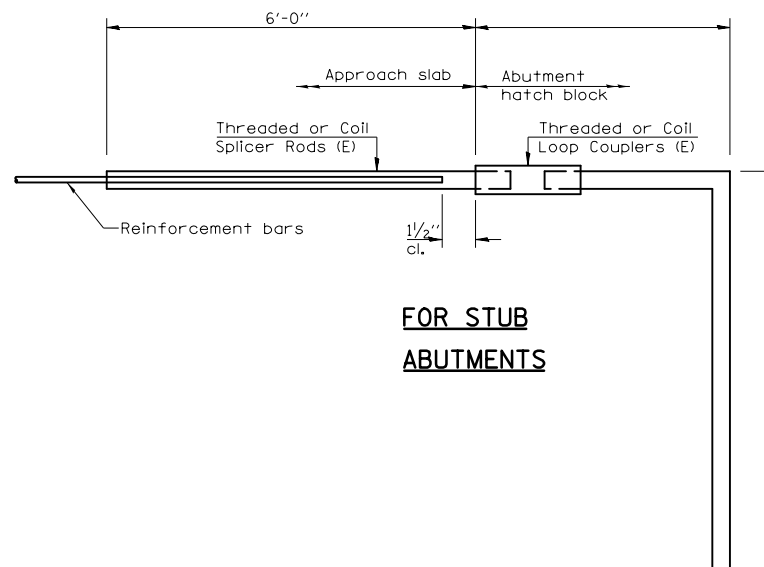
INSTALLATION AND SETTING METHODS

"A": Set bar splicer assembly by means of a template bolt.
 "B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



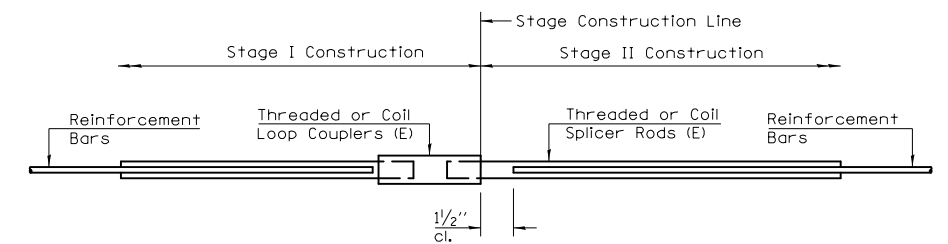
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = N.A.



FOR STUB ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = N.A.



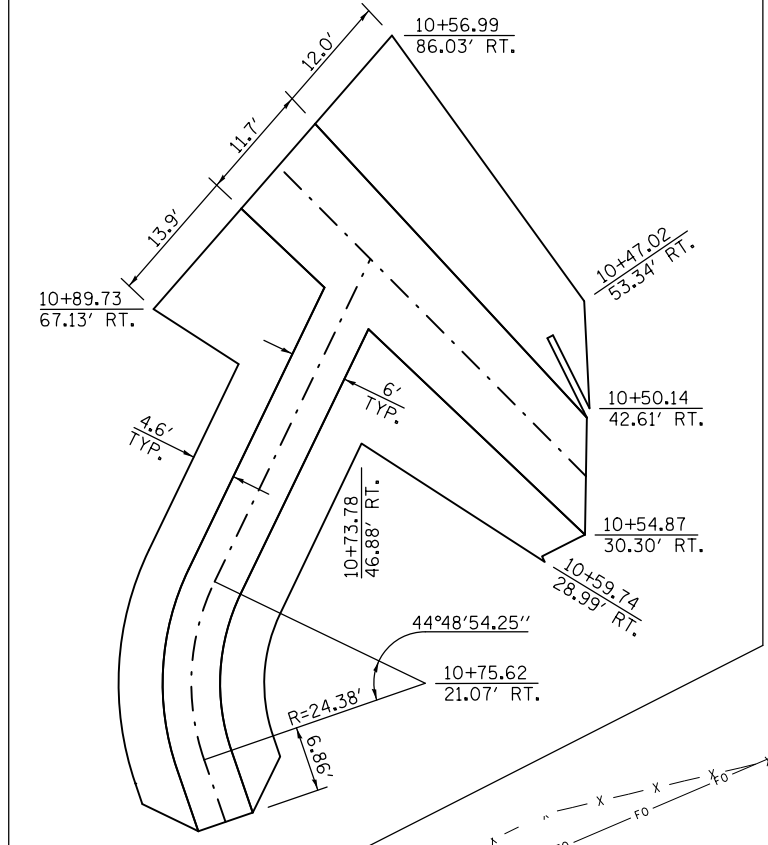
STANDARD

Bar Size	No. Assemblies Required	Location
#6	16	HATCH BLOCKS

**BAR SPLICER ASSEMBLY DETAILS
 STRUCTURE NO. 057-0064**

BSD-1 10-1-08

LAYOUT KEY FOR REPAIR AREA



B.M. 4920-8:
A CHISELED SQUARE IN THE CENTER OF THE TOP OF THE NORTH HEADWALL OF S.N. 057-8204, RAMP STATION 11+00.00, 13.59' RT., ELEVATION 808.85.

LIST OF QUANTITIES

ITEM	UNIT	TOTAL
TREE REMOVAL (OVER 15 UNITS Ø)	UNIT	25.0
STONE RIPRAP, CLASS A4	SQ YD	235.0
FILTER FABRIC	SQ YD	235.0

LEGEND

STONE RIPRAP, CLASS A4 (16" + 6" OF BEDDING STONE AND FILTER FABRIC)

NOTES

SEE NEXT SHEET FOR PROPOSED RIPRAP STREAM CROSS SECTIONS.

PROPOSED STREAMBED S.N. 057-8199 DOWNSTREAM NW RAMP STA. 10+72.61 77.02' RT., ELEV. 802.94'

PROPOSED STREAMBED S.N. 057-8204 DOWNSTREAM NW RAMP STA. 10+70.62 60.82' RT., ELEV. 803.15'

PROPOSED STREAMBED S.N. 057-8204 DOWNSTREAM NW RAMP STA. 11+00.00 14.17' RT., ELEV. 803.76'

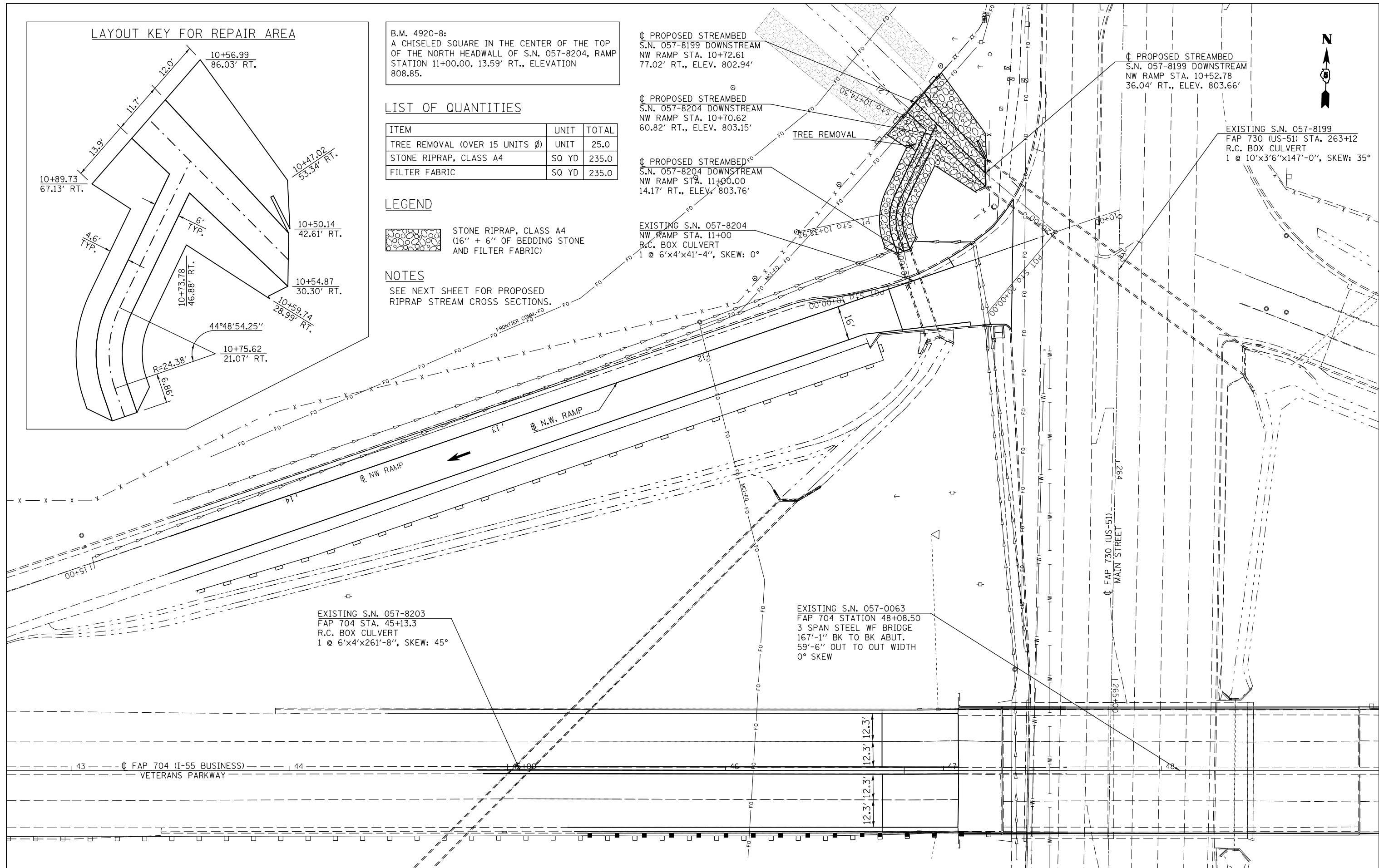
PROPOSED STREAMBED S.N. 057-8199 DOWNSTREAM NW RAMP STA. 10+52.78 36.04' RT., ELEV. 803.66'

EXISTING S.N. 057-8199 FAP 730 (US-51) STA. 263+12 R.C. BOX CULVERT 1 @ 10'x3'6"x147'-0", SKEW: 35°

EXISTING S.N. 057-8204 NW RAMP STA. 11+00 R.C. BOX CULVERT 1 @ 6'x4'x41'-4", SKEW: 0°

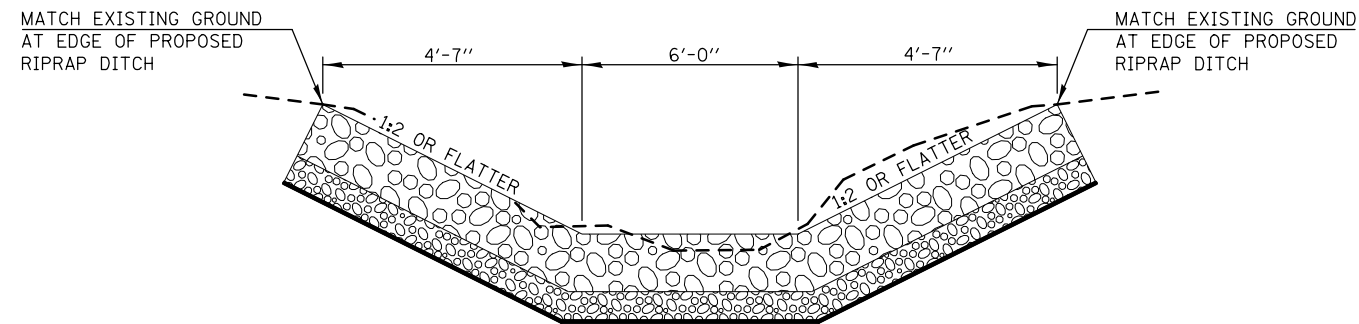
EXISTING S.N. 057-0063 FAP 704 STATION 48+08.50 3 SPAN STEEL WF BRIDGE 167'-1" BK TO BK ABUT. 59'-6" OUT TO OUT WIDTH 0° SKEW

EXISTING S.N. 057-8203 FAP 704 STA. 45+13.3 R.C. BOX CULVERT 1 @ 6'x4'x261'-8", SKEW: 45°

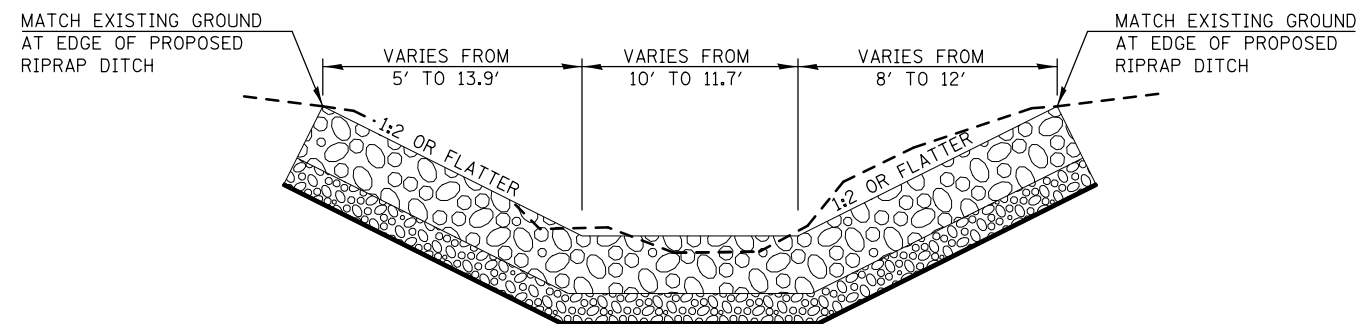


FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCOUR MITIGATION PLAN S.N. 057-8199 & 057-8204	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 48.0000' / in.	CHECKED - BJM	REVISED -			704	(57-7)RS-1 & IRS-3	McLean	273	124	
	PLOT DATE = 6/11/2014	DATE - 10-29-12	REVISED -			CONTRACT NO. 70838					
						ILLINOIS FED. AID PROJECT					

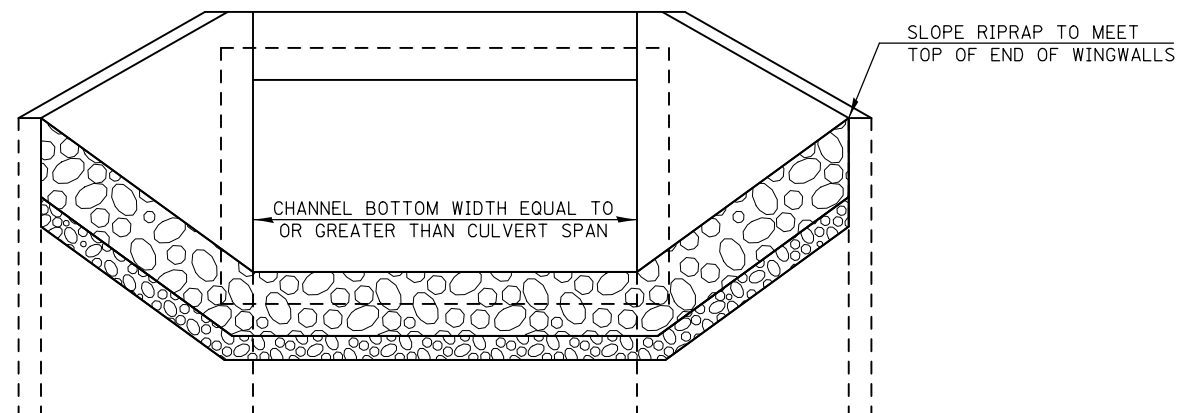
TYPICAL CROSS SECTION OF PROPOSED RIPRAP DITCH LOOKING DOWNSTREAM FROM S.N. 057-8204



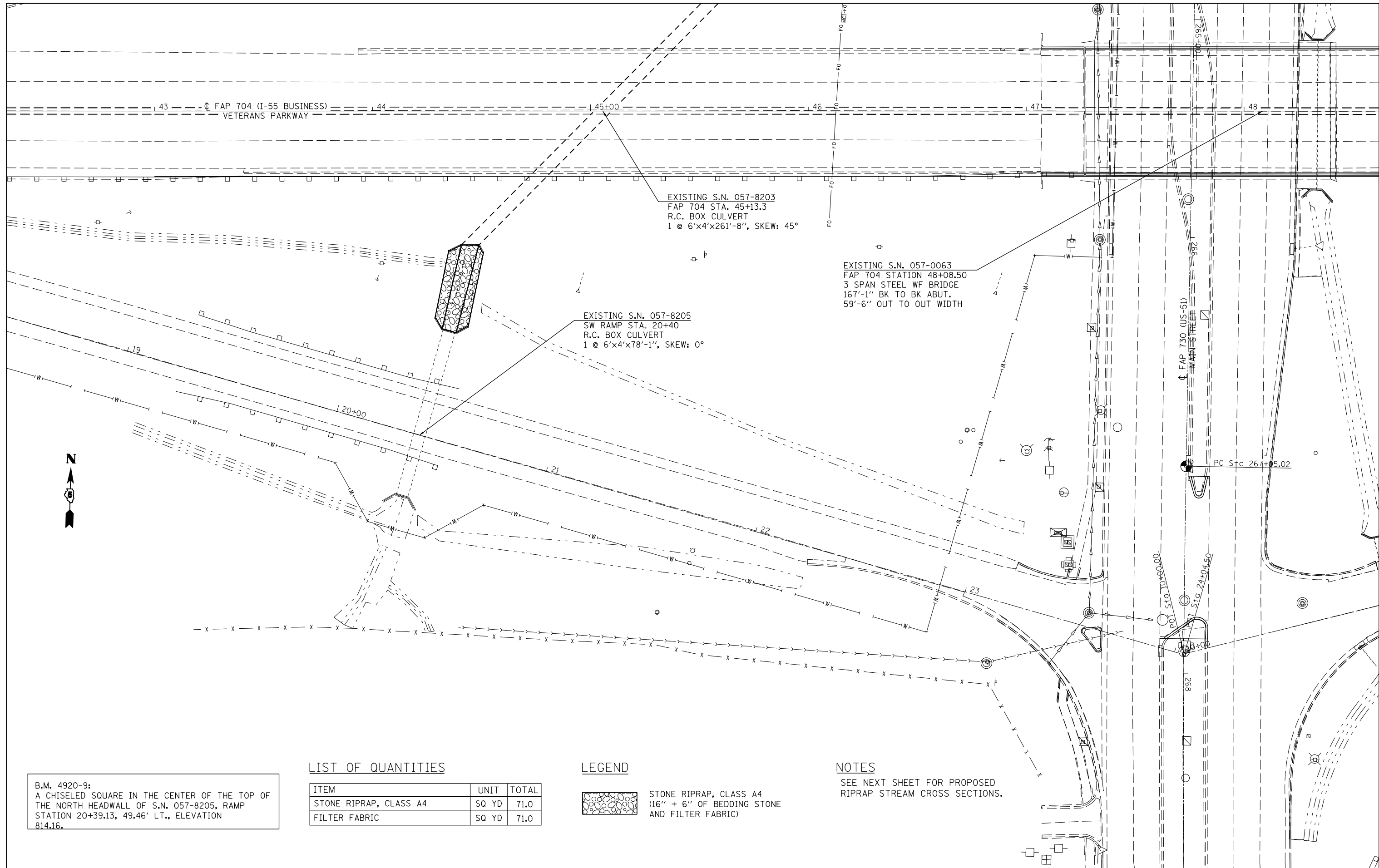
TYPICAL CROSS SECTION OF PROPOSED RIPRAP DITCH LOOKING DOWNSTREAM FROM S.N. 057-8199



TYPICAL APPLICATION OF RIPRAP CULVERT END SECTION



FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIPRAP DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GMS	REVISED -		S.N. 057-8199 & 057-8204			704	(57-7)RS-1 & 1RS-3	McLean	273	125
		PLOT SCALE = 40.0000' / in.	CHECKED - BJM		REVISED -				CONTRACT NO. 70838			
		PLOT DATE = 6/11/2014	DATE - 10-29-12		REVISED -	SCALE:	SHEET NO. - OF - SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	

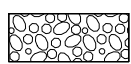


B.M. 4920-9:
 A CHISELED SQUARE IN THE CENTER OF THE TOP OF
 THE NORTH HEADWALL OF S.N. 057-8205, RAMP
 STATION 20+39.13, 49.46' LT., ELEVATION
 814.16.

LIST OF QUANTITIES

ITEM	UNIT	TOTAL
STONE RIPRAP, CLASS A4	SQ YD	71.0
FILTER FABRIC	SQ YD	71.0

LEGEND

 STONE RIPRAP, CLASS A4
 (16" + 6" OF BEDDING STONE
 AND FILTER FABRIC)

NOTES

SEE NEXT SHEET FOR PROPOSED
 RIPRAP STREAM CROSS SECTIONS.

FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -
Default	et:\pw\work\p\dot\dodgems\d0267571\0570838-sht-Hyd.dgn	DRAWN - GMS	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - BJM	REVISED -
	PLOT DATE = 6/11/2014	DATE - 10-29-12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

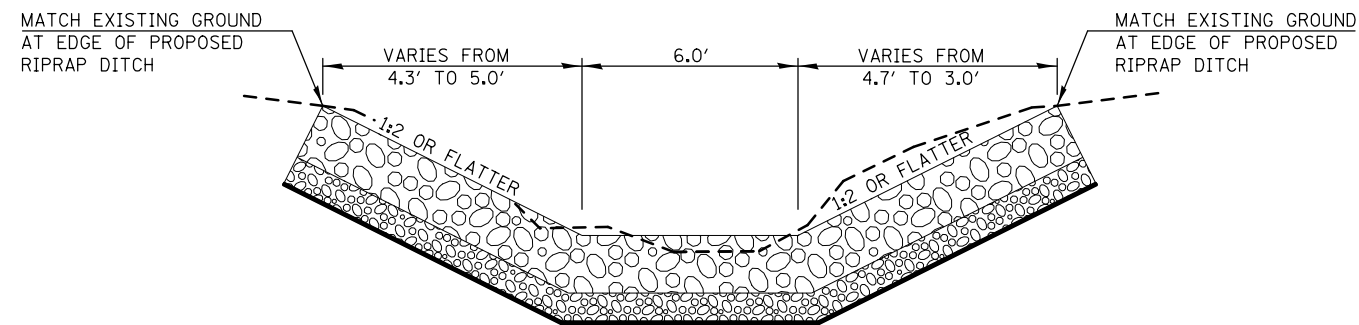
**SCOUR MITIGATION PLAN
 S.N. 057-8203 & 057-8205**

SCALE: SHEET OF SHEETS STA. TO STA.

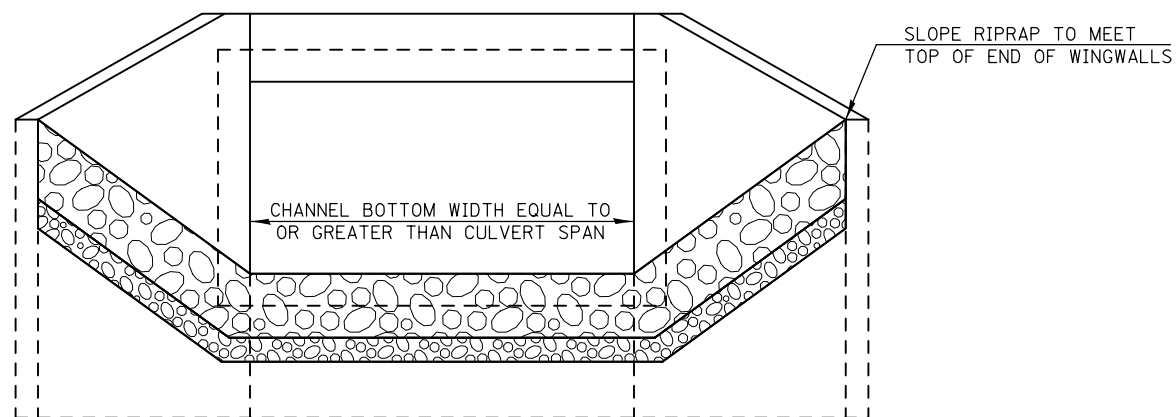
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7RS-1 & 1RS-3)	McLean	273	126
CONTRACT NO. 70838				

ILLINOIS FED. AID PROJECT

TYPICAL CROSS SECTION OF PROPOSED RIPRAP DITCH BETWEEN S.N. 057-8203 & 057-8205 (LOOKING DOWNSTREAM)

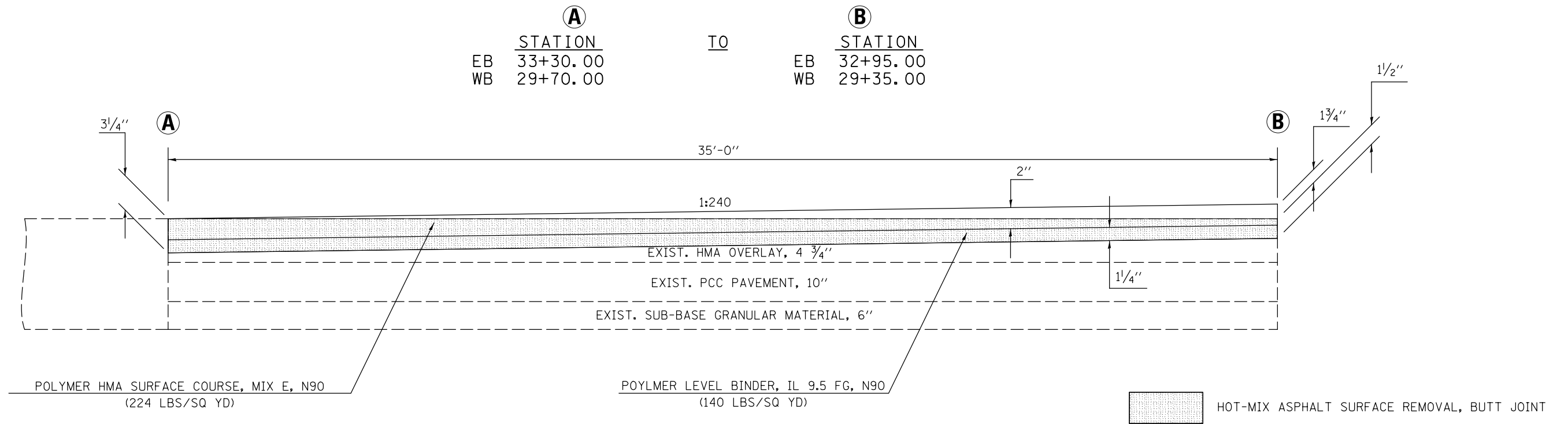


TYPICAL APPLICATION OF RIPRAP CULVERT END SECTION

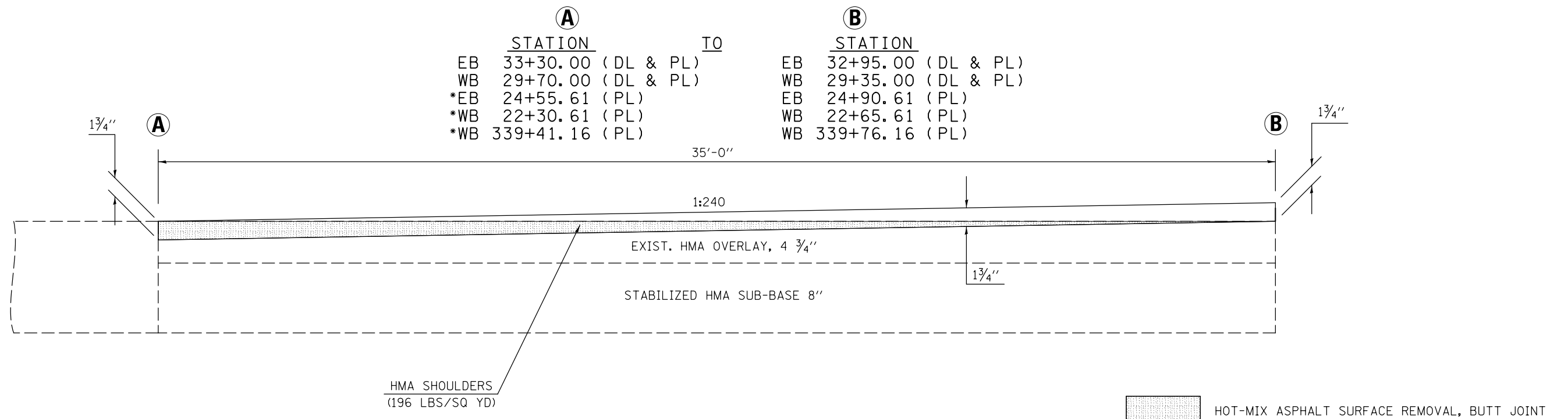


FILE NAME =	USER NAME = dodgems	DESIGNED - GMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIPRAP DETAILS S.N. 057-8203 & 057-8205			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - GMS	REVISED -		SCALE:	SHEET NO. - OF - SHEETS	STA.	TO STA.	704	(57-7)RS-1 & 1RS-3	McLean	273	127
		PLOT SCALE = 40.0000' / in.	CHECKED - BJM		REVISED -				CONTRACT NO. 70838				
		PLOT DATE = 6/11/2014	DATE - 10-29-12		REVISED -				ILLINOIS FED. AID PROJECT				

BUTT JOINT AND PAVING DETAIL LEG "A" MAINLINE



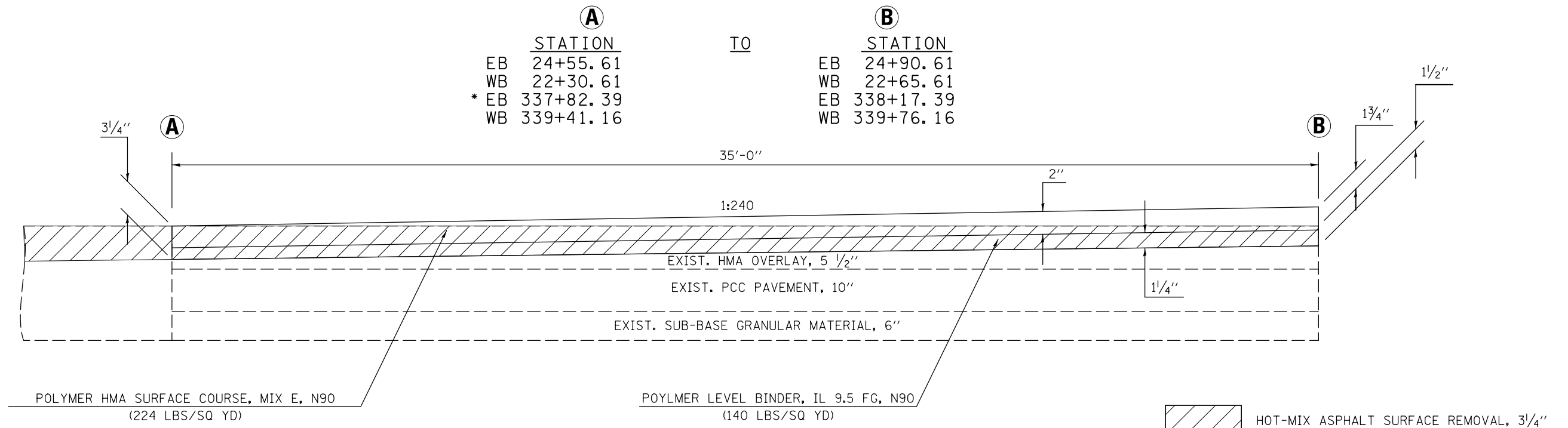
BUTT JOINT AND SHOULDER PAVING DETAIL LEG "A" SHOULDERS



* - EXISTING SHOULDERS AT THESE LOCATIONS CONSIST OF 8" HMA SHOULDERS ONLY

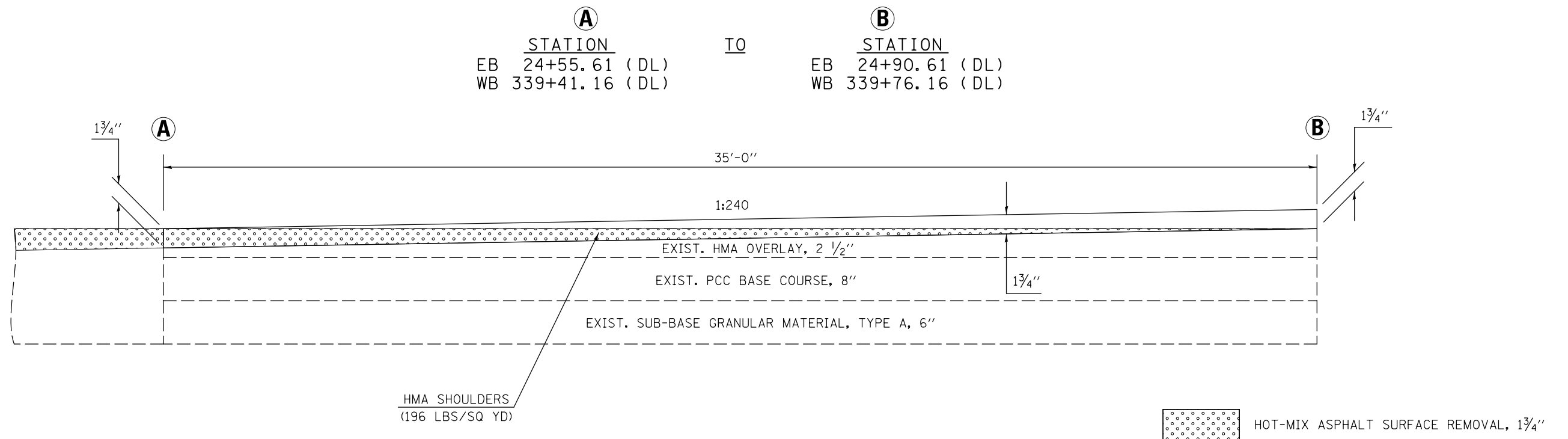
FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MILLING AND PAVING TRANSITION DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ci:\pw\work\p\dot\dodgms\d0267571\0570838-sht-details.dgn	DRAWN -	REVISED -			704	(57-7)RS-1 & 1RS-3	McLean	273	128
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70838				
	PLOT DATE = 6/11/2014	DATE -	REVISED -		SCALE:	SHEET 1 OF 8 SHEETS		STA.	TO STA.	
ILLINOIS FED. AID PROJECT										

SURFACE REMOVAL TRANSITION AND PAVING DETAIL LEG "A" MAINLINE

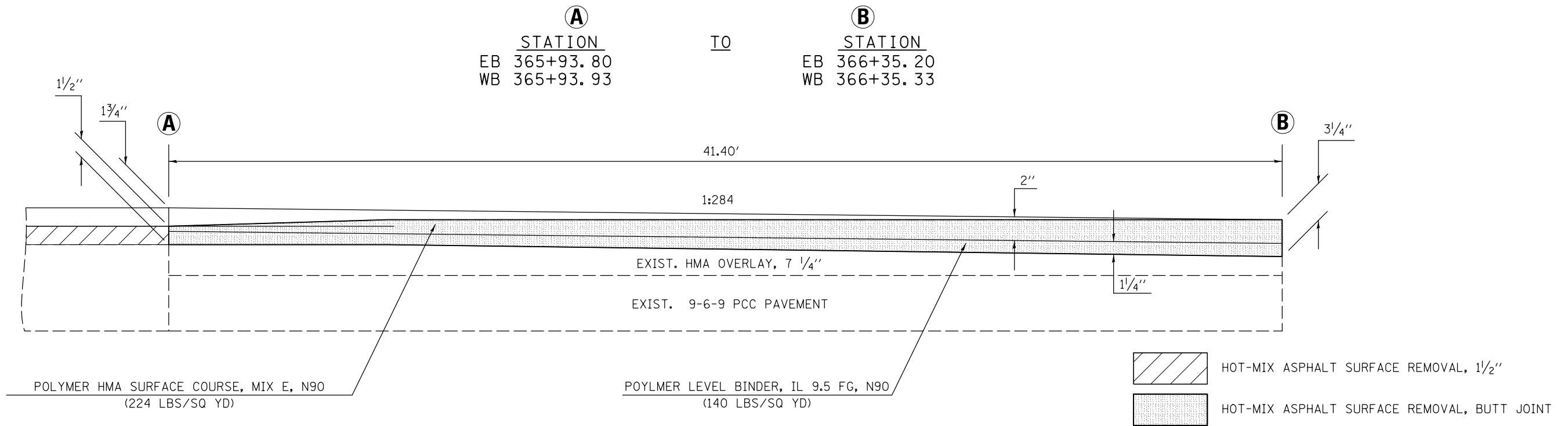


* - EXISTING PAVEMENT AT THIS LOCATION CONSISTS OF A 7 1/4" HMA OVERLAY WITH A 9-6-9 PCC PAVEMENT

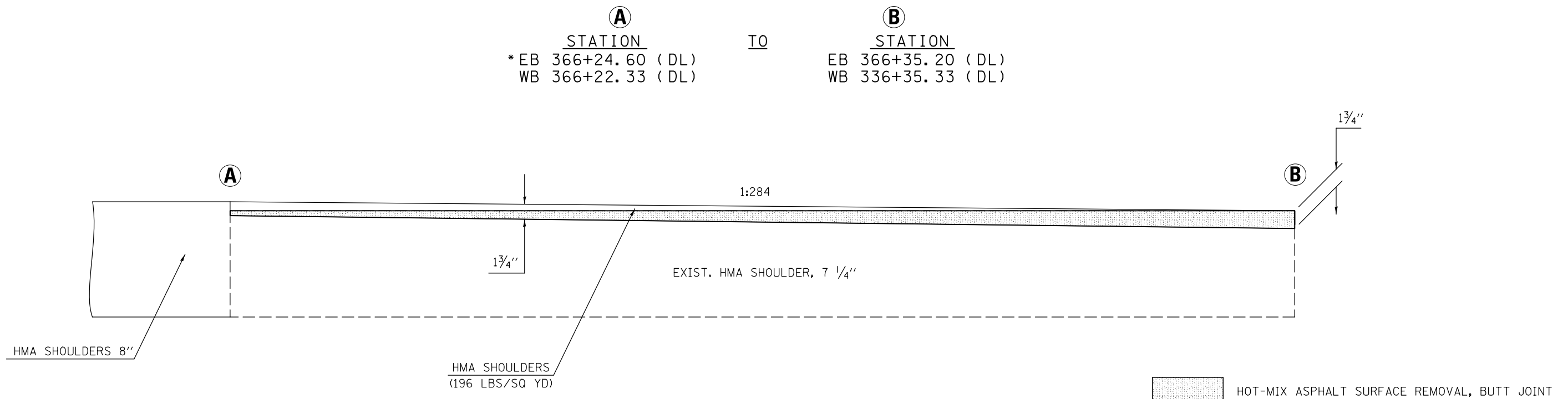
SHOULDER REMOVAL TRANSITIONS AND SHOULDER PAVING DETAIL LEG "A" SHOULDERS



BUTT JOINT AND PAVING DETAIL LEG "A" MAINLINE



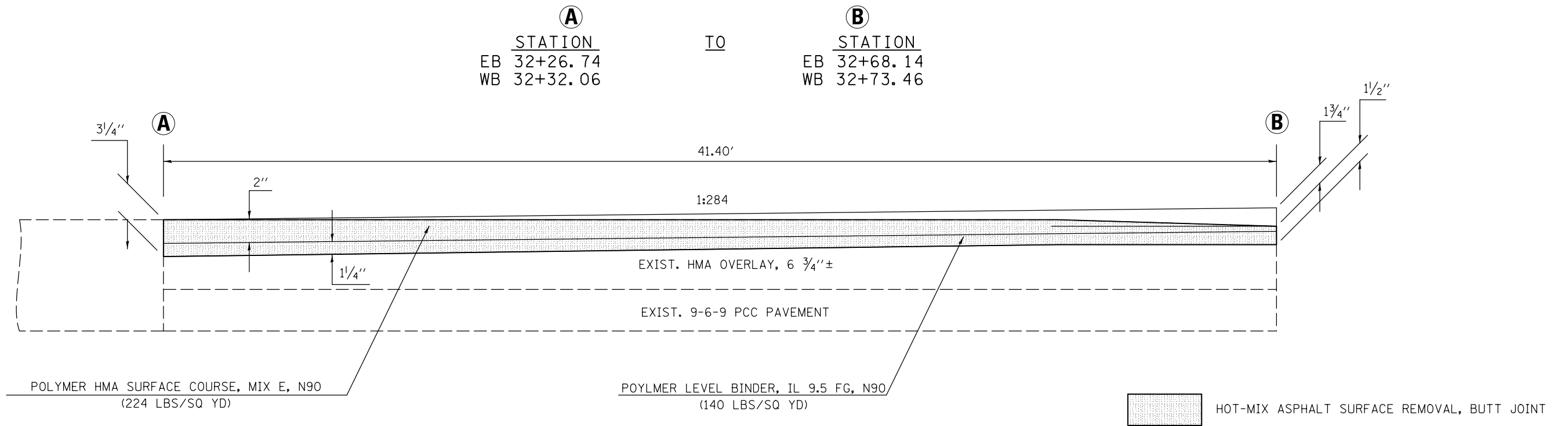
BUTT JOINT AND SHOULDER PAVING DETAIL LEG "A" SHOULDER



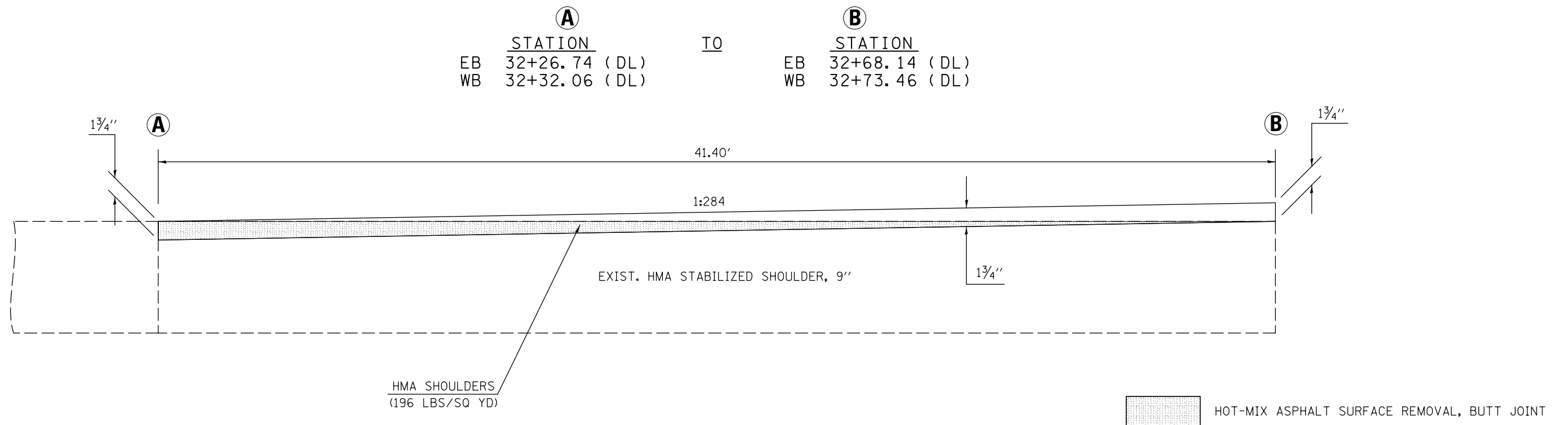
* - EXISTING PAVEMENT AT THIS LOCATION CONSISTS OF A TYPE B GUTTER BELOW THE 7 1/4" HMA SHOULDER

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MILLING AND PAVING TRANSITION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\dodgems\d0267571\0570838-sht-details.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -		704	(57-7)RS-1 & 1RS-3	McLean	273	130			
#MODELNAME#	PLOT DATE = 6/11/2014	CHECKED -	REVISED -		SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 70838				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

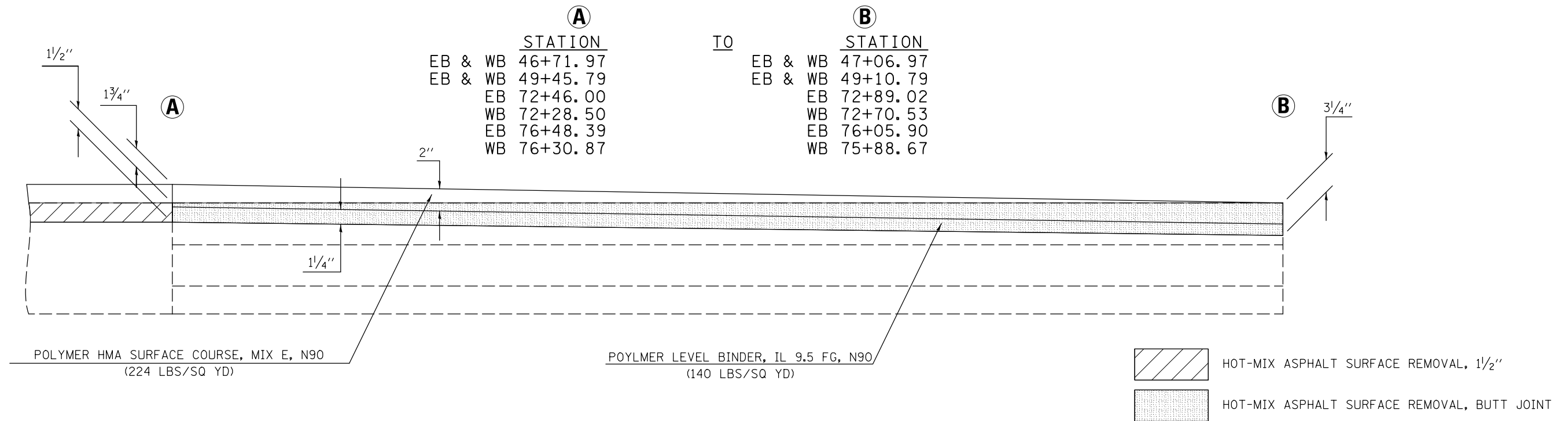
BUTT JOINT AND PAVING DETAIL LEG "C" MAINLINE



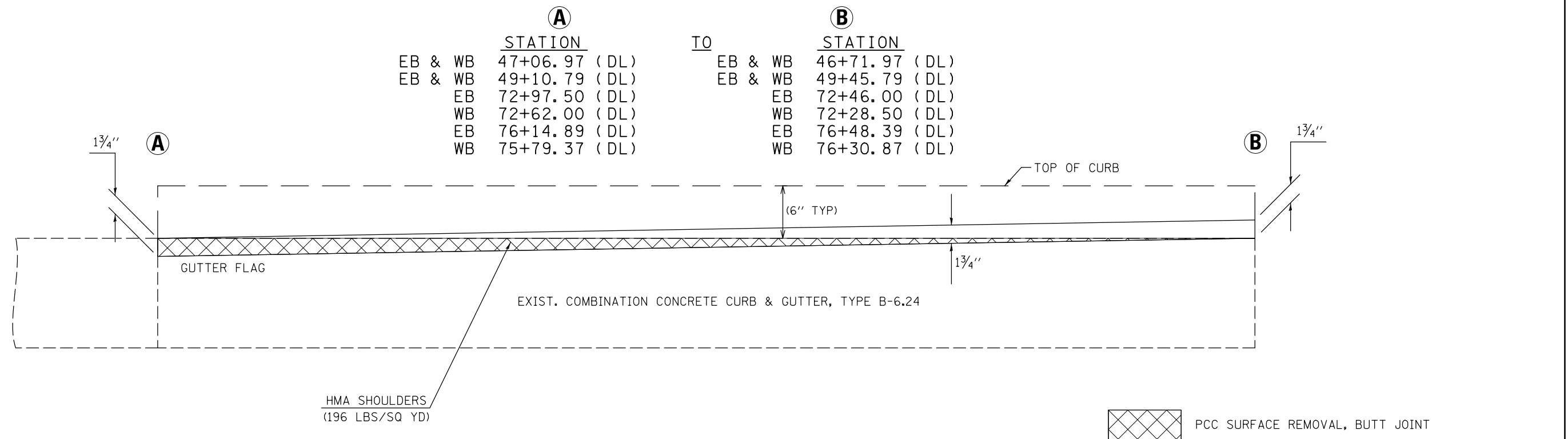
BUTT JOINT AND SHOULDER PAVING DETAIL LEG "C" SHOULDERS



BUTT JOINT AND PAVING DETAIL LEG "C" MAINLINE

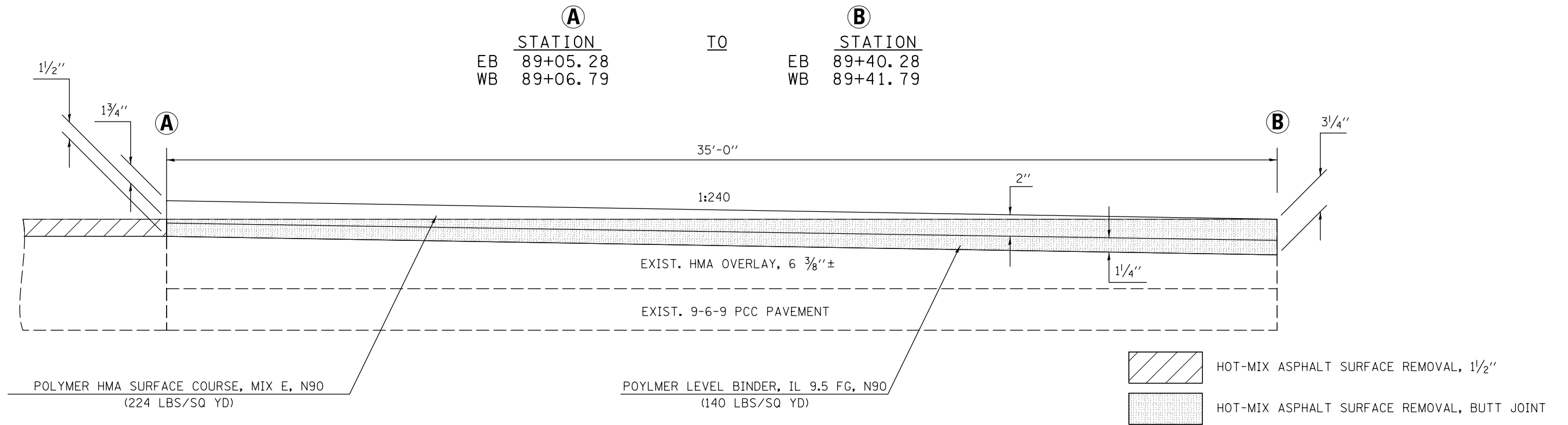


BUTT JOINT AND SHOULDER PAVING DETAIL AT COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 LEG "C" SHOULDERS S.N. 057-0063 & S.N. 057-0064 APPROACHES

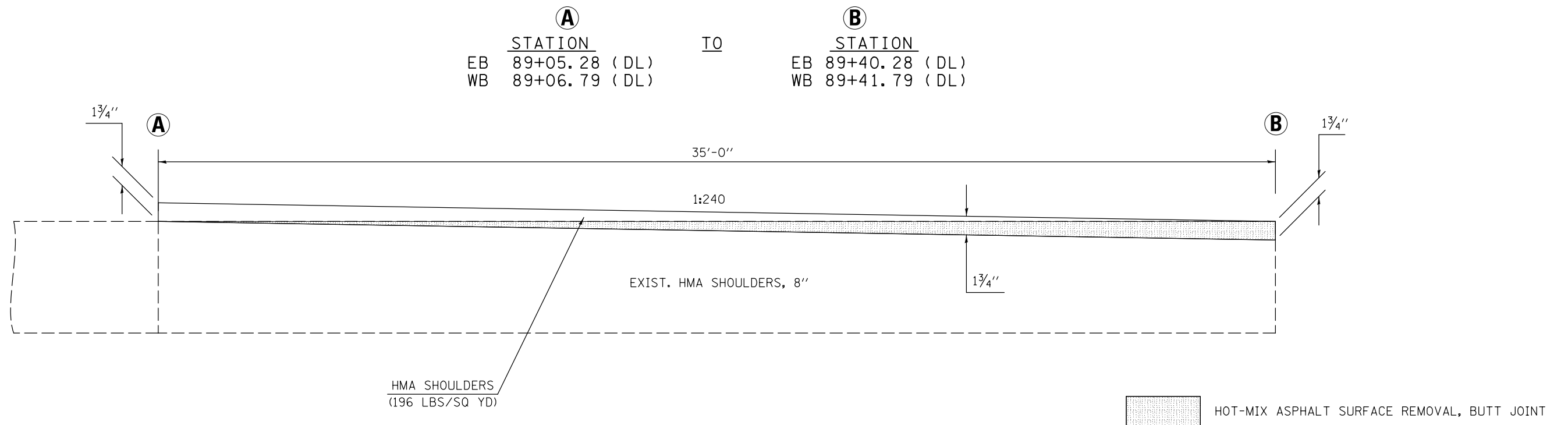


FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MILLING AND PAVING TRANSITION DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ci:\pwork\pwork\dodgems\d0267571\05700638-sht-details.dgn	DRAWN -	REVISED -			704	(57-7)RS-1 & IRS-3	McLean	273	132
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 70838				
	PLOT DATE = 6/11/2014	DATE -	REVISED -		SCALE:	SHEET 5 OF 8 SHEETS		STA.	TO STA.	
ILLINOIS FED. AID PROJECT										

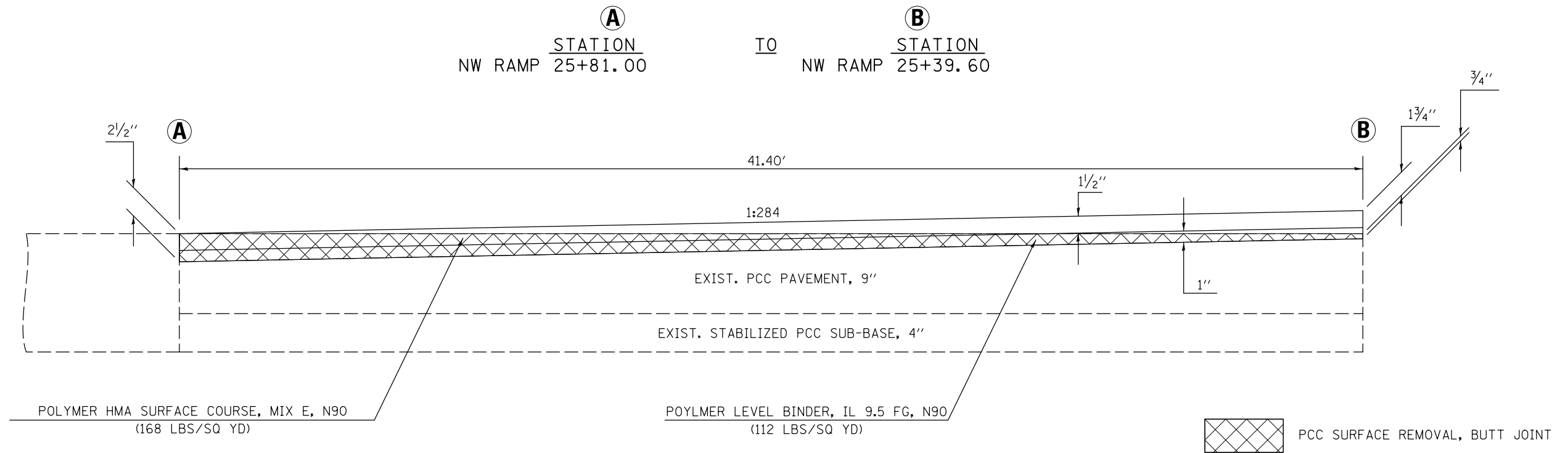
BUTT JOINT AND PAVING DETAIL LEG "C" MAINLINE



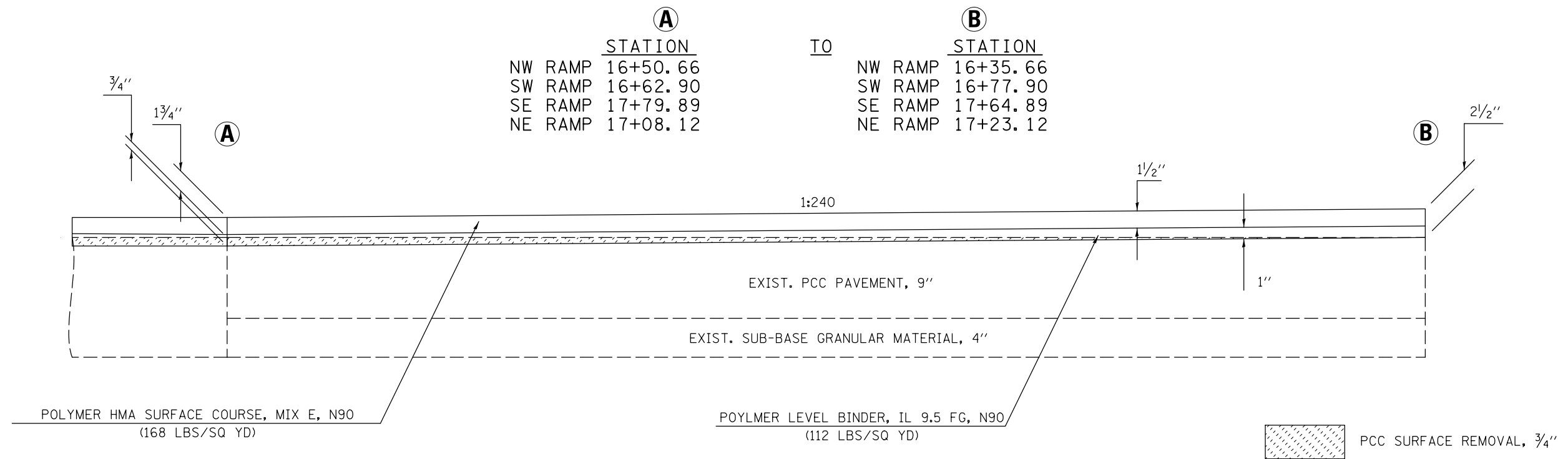
BUTT JOINT AND SHOULDER PAVING DETAIL LEG "C" MAINLINE SHOULDERS



BUTT JOINT AND PAVING DETAIL LEG "C" NW RAMP AT MAINLINE



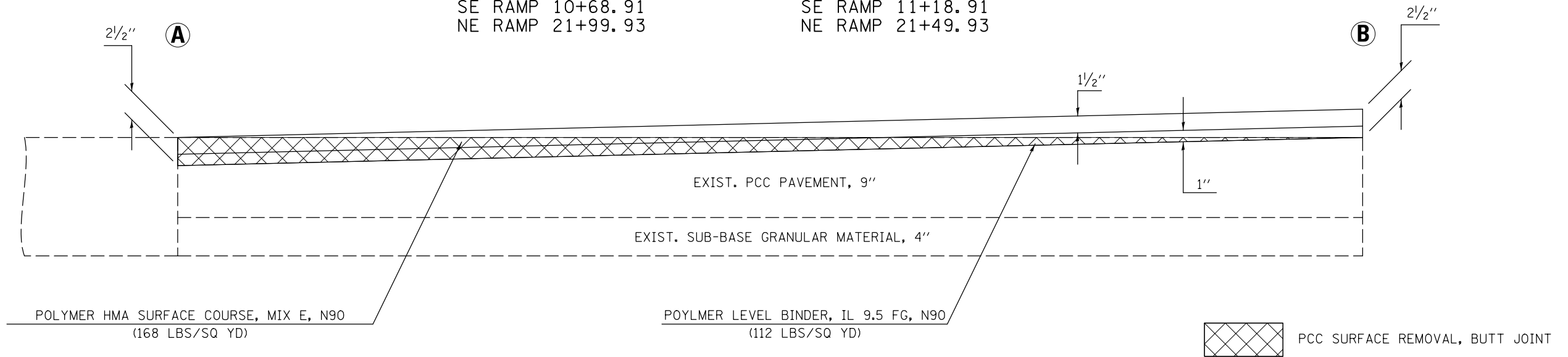
SURFACE REMOVAL TRANSITION NW, SW, SE, & NE RAMPS



FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MILLING AND PAVING TRANSITION DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\dodgems\d0267571\0570838-sht-detail.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			704	(57-7)RS-1 & IRS-3	McLean	273	134	
#MODELNAME#	PLOT DATE = 6/11/2014	CHECKED -	REVISED -			SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.		CONTRACT NO. 70838			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

BUTT JOINT AND PAVING DETAIL NW, SW, SE, & NE RAMPS

	(A)	TO	(B)
	STATION		STATION
NW RAMP	10+52.00		11+12.50
SW RAMP	23+31.37		22+81.37
SE RAMP	10+68.91		11+18.91
NE RAMP	21+99.93		21+49.93



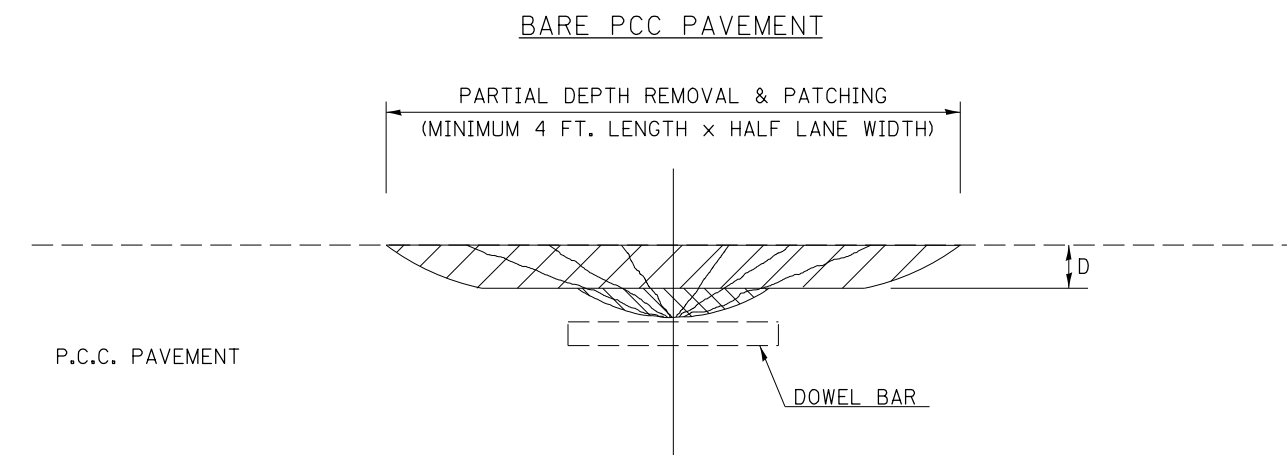
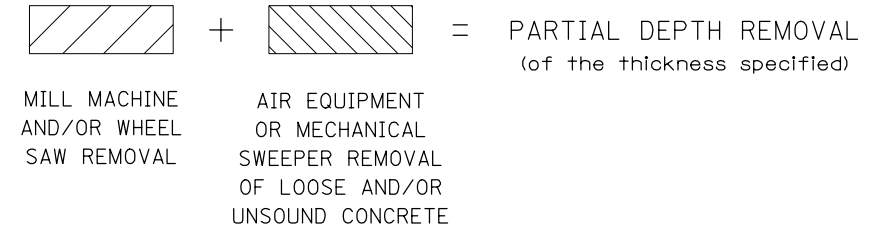
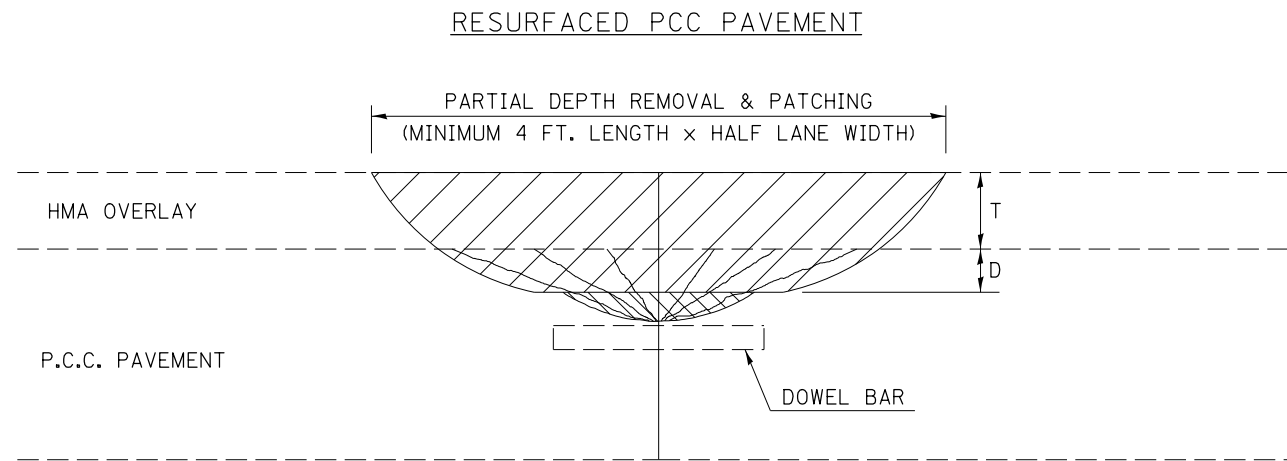
FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
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#MODELNAME#	PLOT DATE = 6/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MILLING AND PAVING TRANSITION DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	135
CONTRACT NO. 70838				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

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

FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED - 11/06
et:\pw\work\p\dot\dodgms\d0267571\0570838-sht-de\tds.dgn		DRAWN -	REVISED - 10/10
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	PLOT DATE = 6/11/2014	DATE -	REVISED -

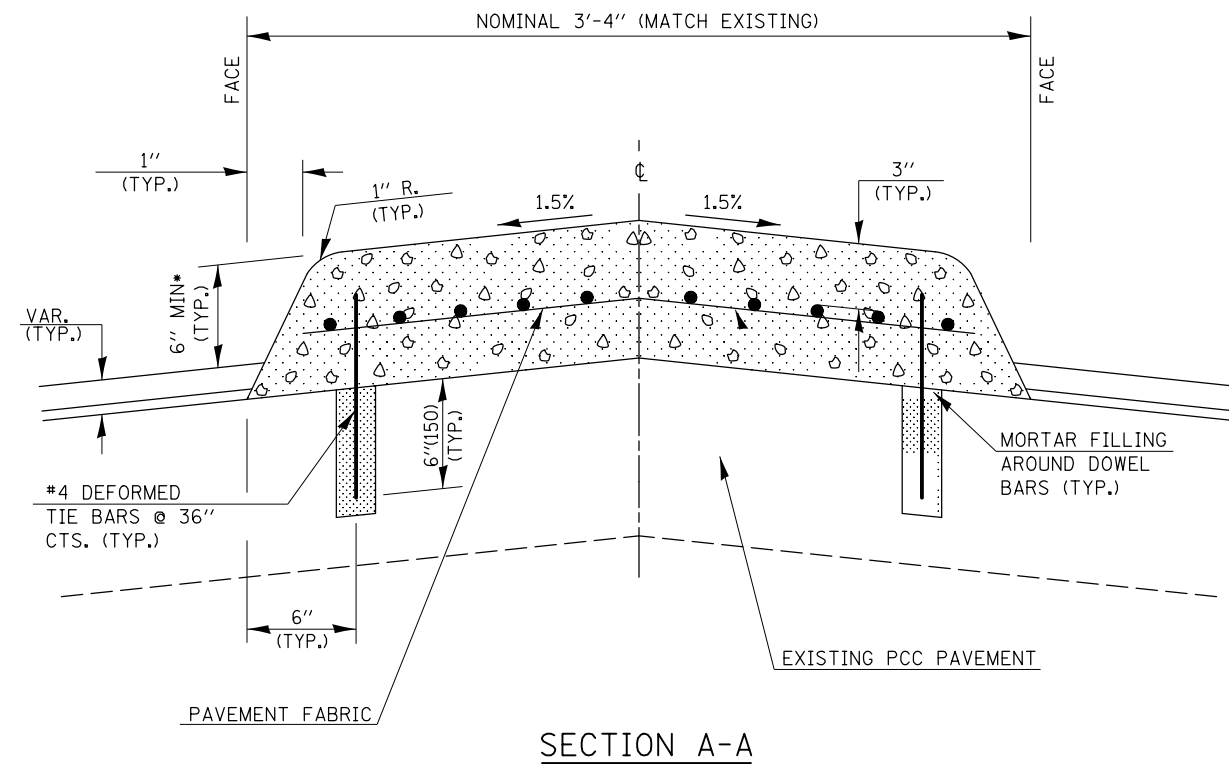
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

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

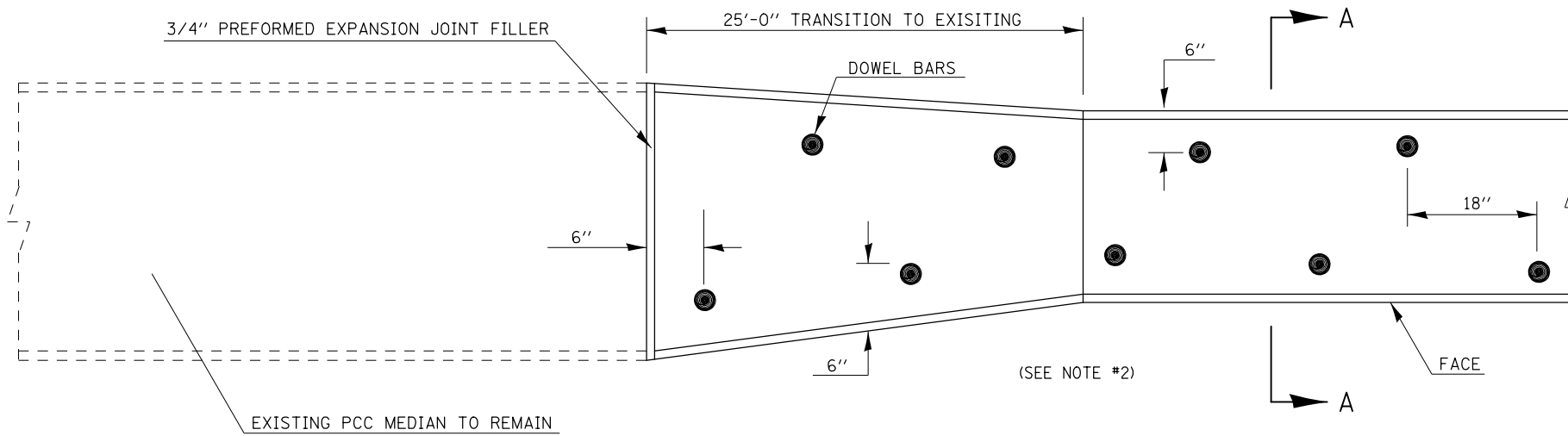
PARTIAL DEPTH PATCHING DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	136
CONTRACT NO. 70838				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. 12" DOWEL BARS @ 36" CTS. OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT FOR CONCRETE MEDIAN, TYPE SM (DOWELLED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC, AND PREFORMED EXPANSION JOINT FILLER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. PLACE PREFORMED EXPANSION JOINT FILLER IN ACCORDANCE WITH STANDARD 420001 @ MAXIMUM 50' CENTERS.
5. THE INTENT OF THIS WORK IS TO REPLACE THE PCC MEDIAN AT ITS EXISTING WIDTH AND LOCATION. DIMENSIONS SHOWN ARE NOMINAL AND CONSTITUTE THE BEST INFORMATION AVAILABLE TO THE DEPARTMENT AT THE TIME OF LETTING.



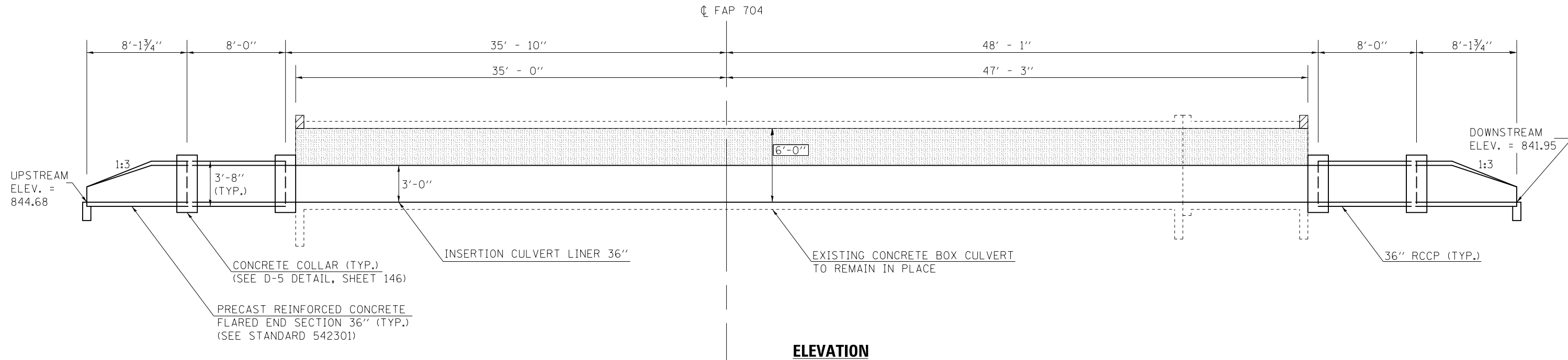
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

* SEE PCC MEDIAN GRADE SHEETS FOR ELEVATION

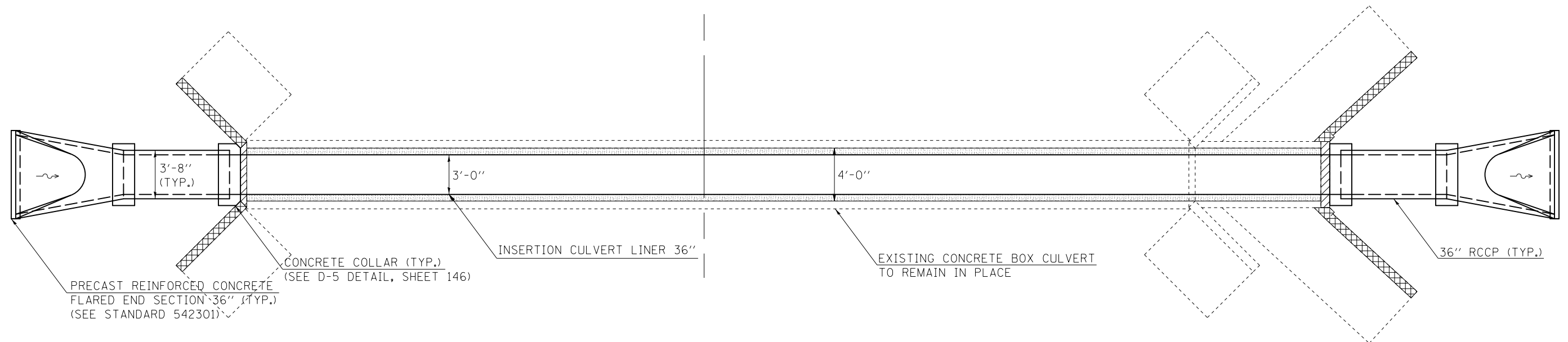
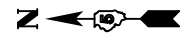
FILE NAME =	USER NAME = dodgems	DESIGNED - BJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE MEDIAN, TYPE SM (DOWELLED)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\dodgems\d0267571\0570838-sht-details.dgn	DRAWN - BJH	REVISED -	704			(57-7RS-1 & 1RS-3)	McLean	273	137		
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED - BJH	REVISED -			CONTRACT NO. 70838					
	PLOT DATE = 6/11/2014	DATE - 11/5/2012	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

EXISTING STRUCTURE: 4' x 6' CIP CONCRETE BOX CULVERT


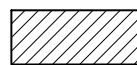

BENCHMARK ELEV. = 844.062 Chiseled square on top of concrete retaining wall at The Great Escape at Sta. 61+68.87, 88.92' LT.



ELEVATION



PLAN

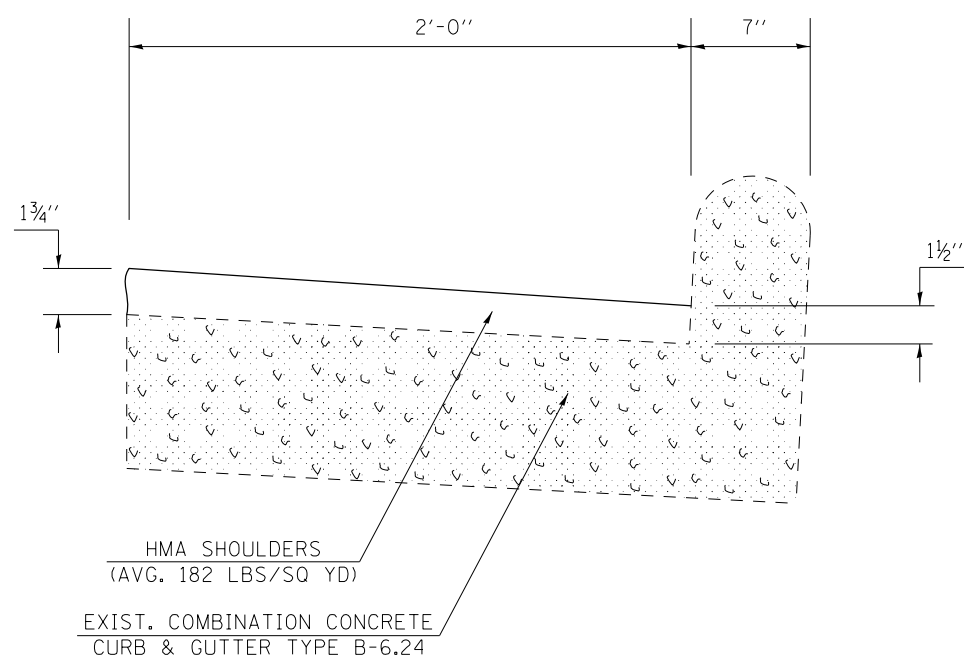
-  ANNULAR SPACE TO BE FILLED WITH GROUT I.A.W. ART. 543 OF THE STANDARD SPECIFICATIONS
-  CONCRETE REMOVAL (HEADWALL 13")
-  CONCRETE REMOVAL (TOP 12" OF WINGWALL)

General Notes

All dimensions are in FEET (') - INCHES (") unless otherwise noted.

Drawings not to scale.

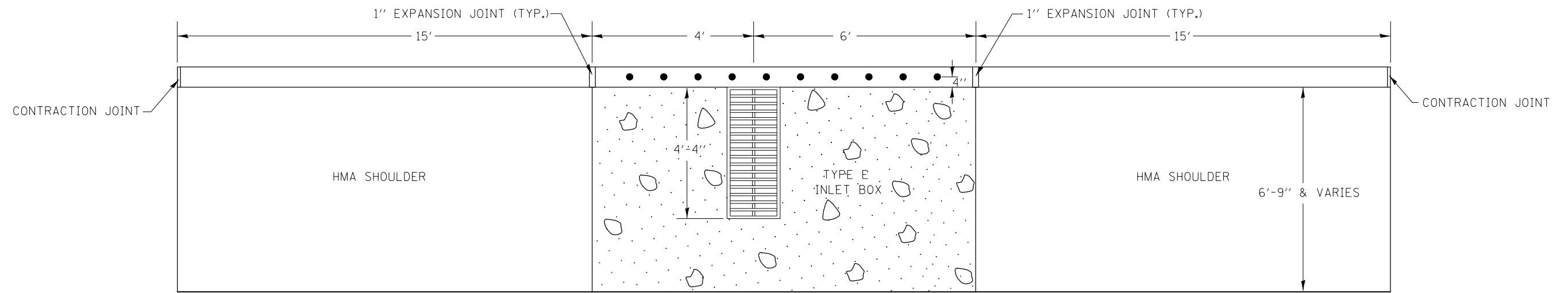
FILE NAME =	USER NAME = dodgms	DESIGNED - BJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INSERTION CULVERT LINER DETAIL STA. 63 + 94.35	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\dodgms\d0267571\0570838-sht-detail.dgn	PLOT SCALE = 40.0000' / in.	DRAWN - BJH	REVISED -			704	(57-7RS-1 & 1RS-3)	McLean	273	138	
\$MODELNAME\$	PLOT DATE = 6/11/2014	CHECKED - BJH	REVISED -			CONTRACT NO. 70838					
		DATE - 11/5/2012	REVISED -			ILLINOIS FED. AID PROJECT					



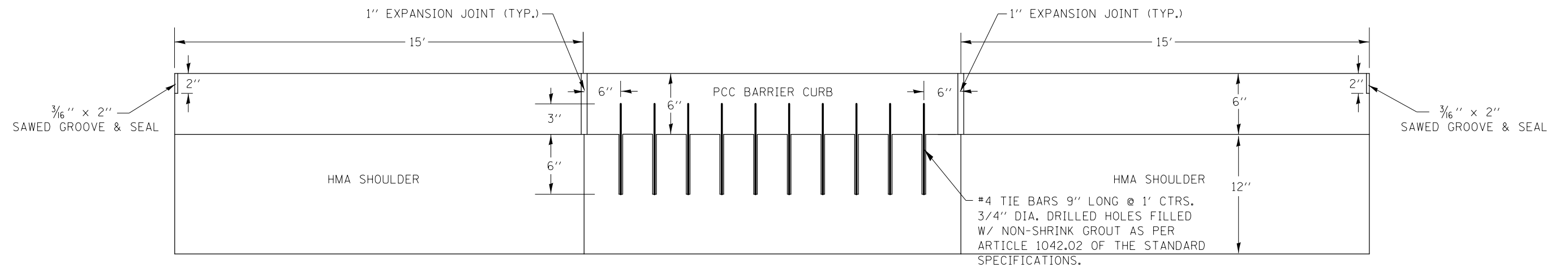
PAVING DETAIL LOCATIONS:

- EB STA 43+45.00 (DL) - STA 47+06.97 (DL)
- WB STA 43+94.00 (DL) - STA 47+06.97 (DL)
- EB STA 49+10.79 (DL) - STA 52+36.00 (DL)
- WB STA 49+10.79 (DL) - STA 52+92.00 (DL)
- EB STA 72+10.50 (DL) - STA 72+97.50 (DL)
- WB STA 71+80.00 (DL) - STA 72+62.00 (DL)
- EB STA 76+15.00 (DL) - STA 76+97.00 (DL)
- WB STA 75+79.00 (DL) - STA 76+60.00 (DL)

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER PAVING DETAIL OVER COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\dodgems\d0267571\0570838-sht-detail.dgn	DRAWN -	REVISED -	704			(57-7)RS-1 & 1RS-3	McLean	273	139	
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70838				
	PLOT DATE = 6/11/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.		



PLAN



ELEVATION

FILE NAME =	USER NAME = dodgems	DESIGNED - BJM	REVISED -
ct:\pw\work\p\dot\dodgems\d0267571\0570838-sht-detail.dgn		DRAWN - BJH	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - BJH	REVISED -
MODELNAME	PLOT DATE = 6/11/2014	DATE - 11/5/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF BARRIER CURB
ON EXISTING TYPE E INLET BOX

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7RS-1 & 1RS-3	McLean	273	140
CONTRACT NO. 70838				
ILLINOIS FED. AID PROJECT				

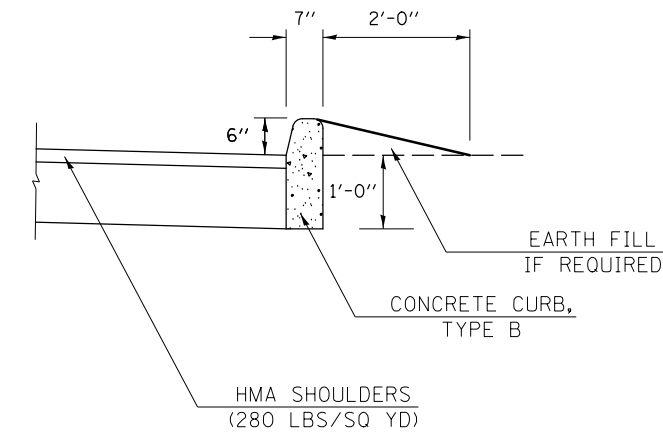
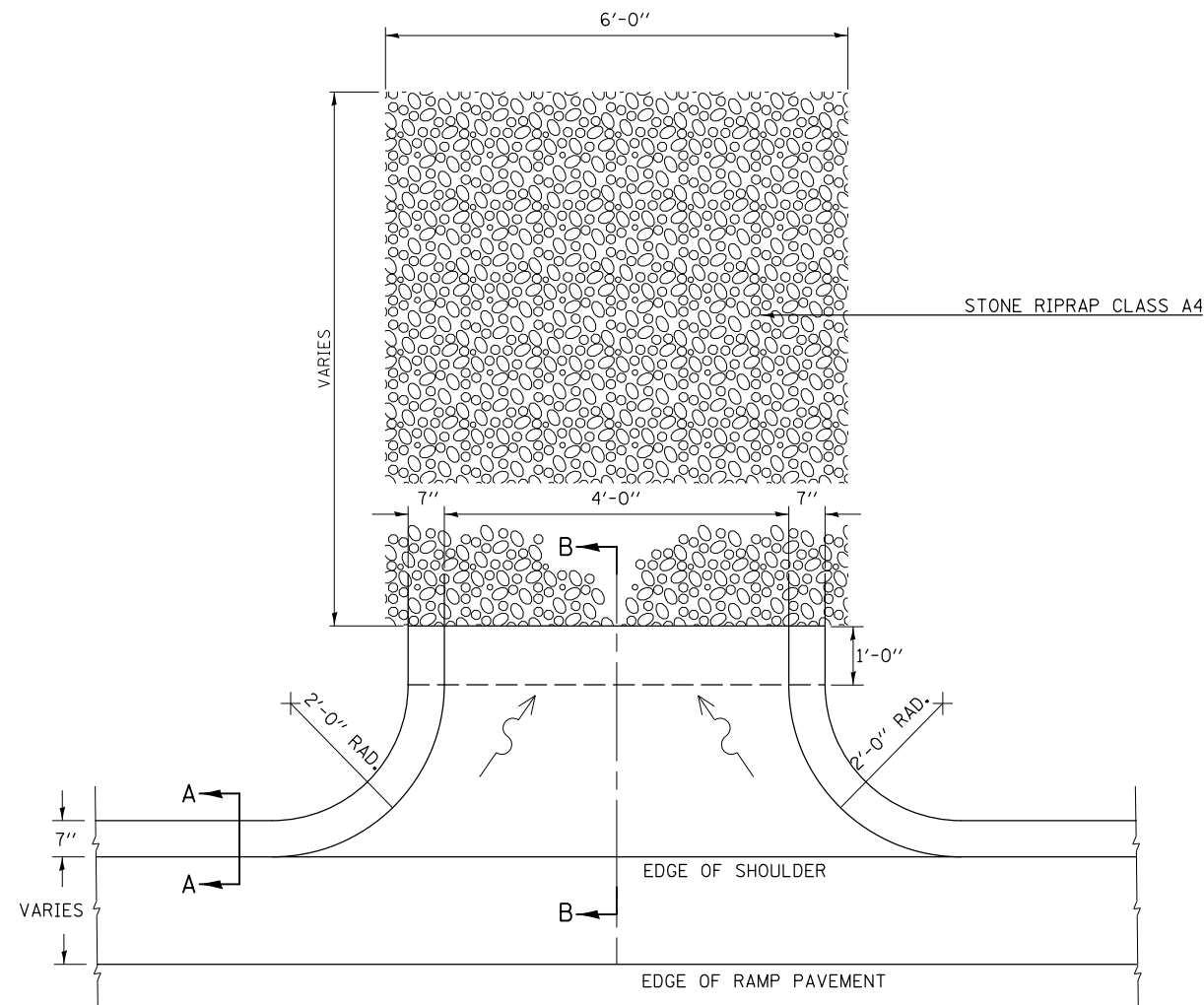
CONCRETE CURB, TYPE B AND CLASS SI CONCRETE OUTLET

GENERAL NOTES

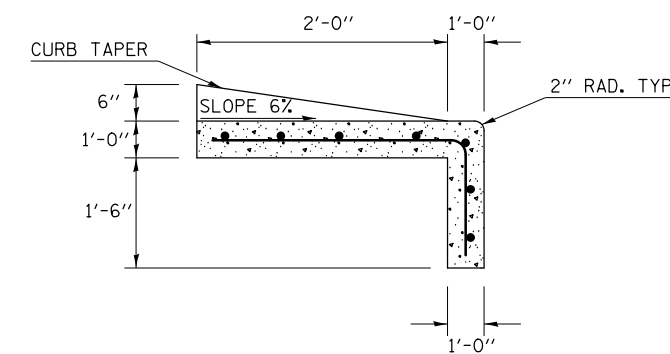
1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WELDED WIRE FABRIC WEIGHING NOT LESS THAN 58 LBS./ 100 SQ. FT. SHALL BE USED THROUGHOUT.
3. TIE BARS SHALL BE PLACED AND TIED TO THE SHOULDER IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STD. 420001.
4. NO TIE BARS ARE REQUIRED WHEN NEXT TO FULL-DEPTH FLEXIBLE SHOULDER.
5. TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED TO BE INCLUDED IN THE COST OF THE PAY ITEM "CLASS SI CONCRETE (OUTLET)".
6. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CLASS SI CONCRETE (OUTLET).

DETAIL LOCATIONS:

NE RAMP STA 11+75 RT.
NE RAMP STA 13+75 RT.
NE RAMP STA 15+65 RT.



SECTION A-A



SECTION B-B

FILE NAME =	USER NAME = dodgems	DESIGNED - BJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE CURB, TYPE B AND CLASS SI CONCRETE OUTLET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\dodgems\d0267571\0570838-sht-details.dgn	DRAWN - BJH	REVIS	REVIS			704	(57-7RS-1 & 1RS-3)	McLean	273	141	
MODELNAME	PLOT SCALE = 40.0000 ' / in.	CHECKED - BJH	REVIS			CONTRACT NO. 70838					
	PLOT DATE = 6/11/2014	DATE - 11/5/2012	REVIS			SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

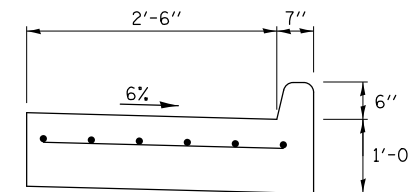
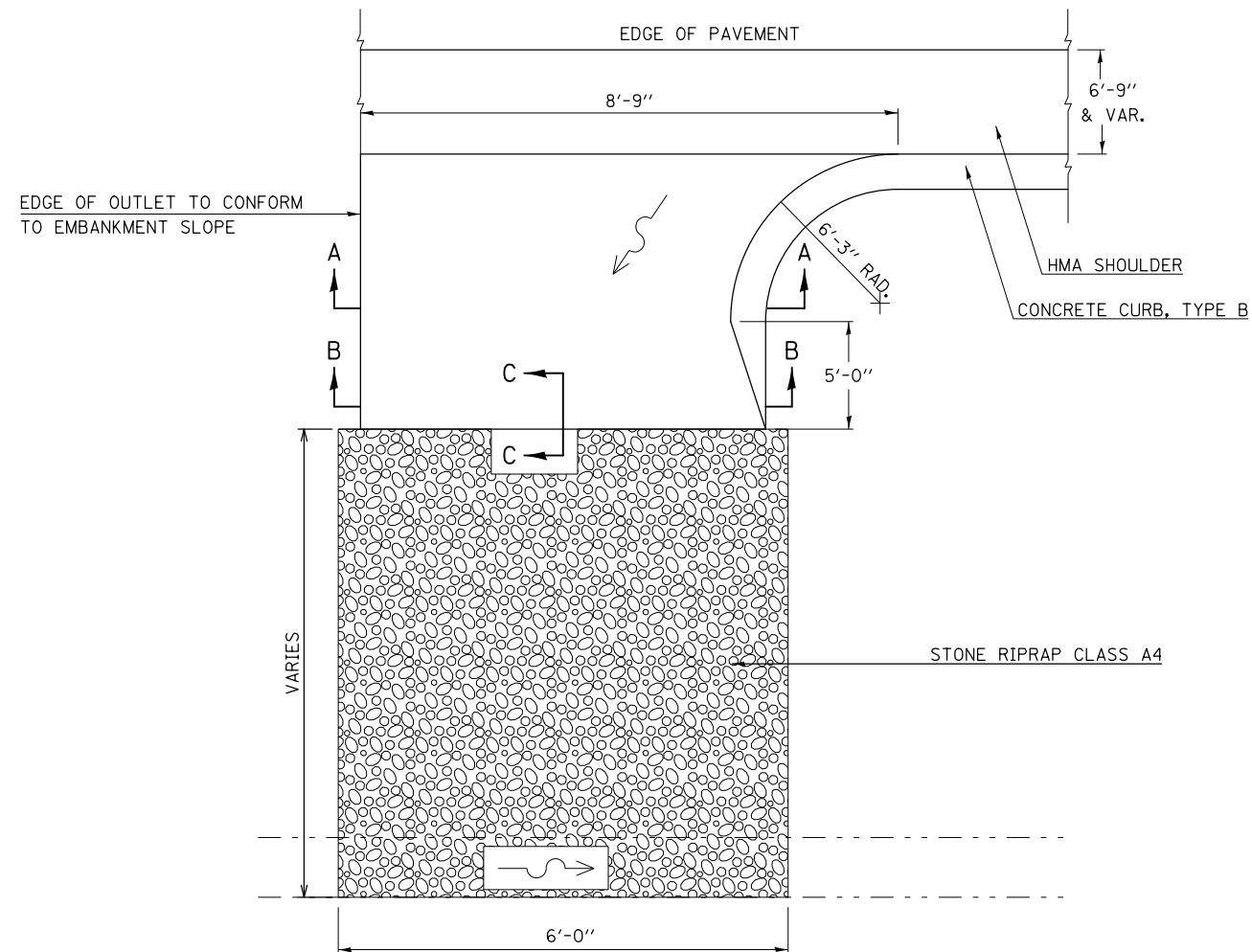
CLASS SI CONCRETE (OUTLET) DETAIL

GENERAL NOTES

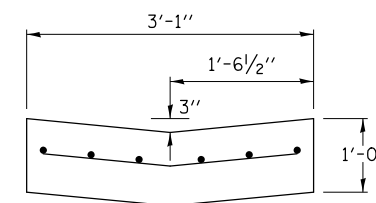
1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WELDED WIRE FABRIC WEIGHING NOT LESS THAN 58 LBS./ 100 SQ. FT. SHALL BE USED THROUGHOUT.
3. TIE BARS SHALL BE PLACED AND TIED TO THE SHOULDER IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STD. 420001.
4. NO TIE BARS ARE REQUIRED WHEN NEXT TO FULL-DEPTH FLEXIBLE SHOULDER.
5. TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED TO BE INCLUDED IN THE COST OF THE PAY ITEM "CLASS SI CONCRETE (OUTLET)".
6. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CLASS SI CONCRETE (OUTLET).

DETAIL LOCATIONS:

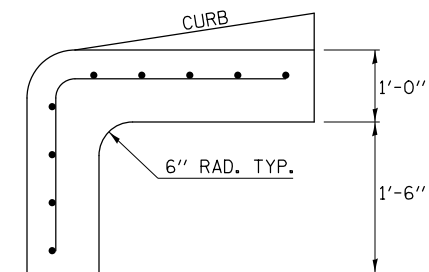
LEG "C" EB STA 62+85.60
 LEG "C" EB STA 89+35.79
 LEG "C" WB STA 89+37.79



SECTION A-A



SECTION B-B



SECTION C-C

FILE NAME =	USER NAME = dodgems	DESIGNED - BJM	REVISED -
et:\pw\work\p\dot\dodgems\d0267571\0570838-sht-detail.dgn		DRAWN - BJH	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - BJH	REVISED -
MODELNAME	PLOT DATE = 6/11/2014	DATE - 11/5/2012	REVISED -

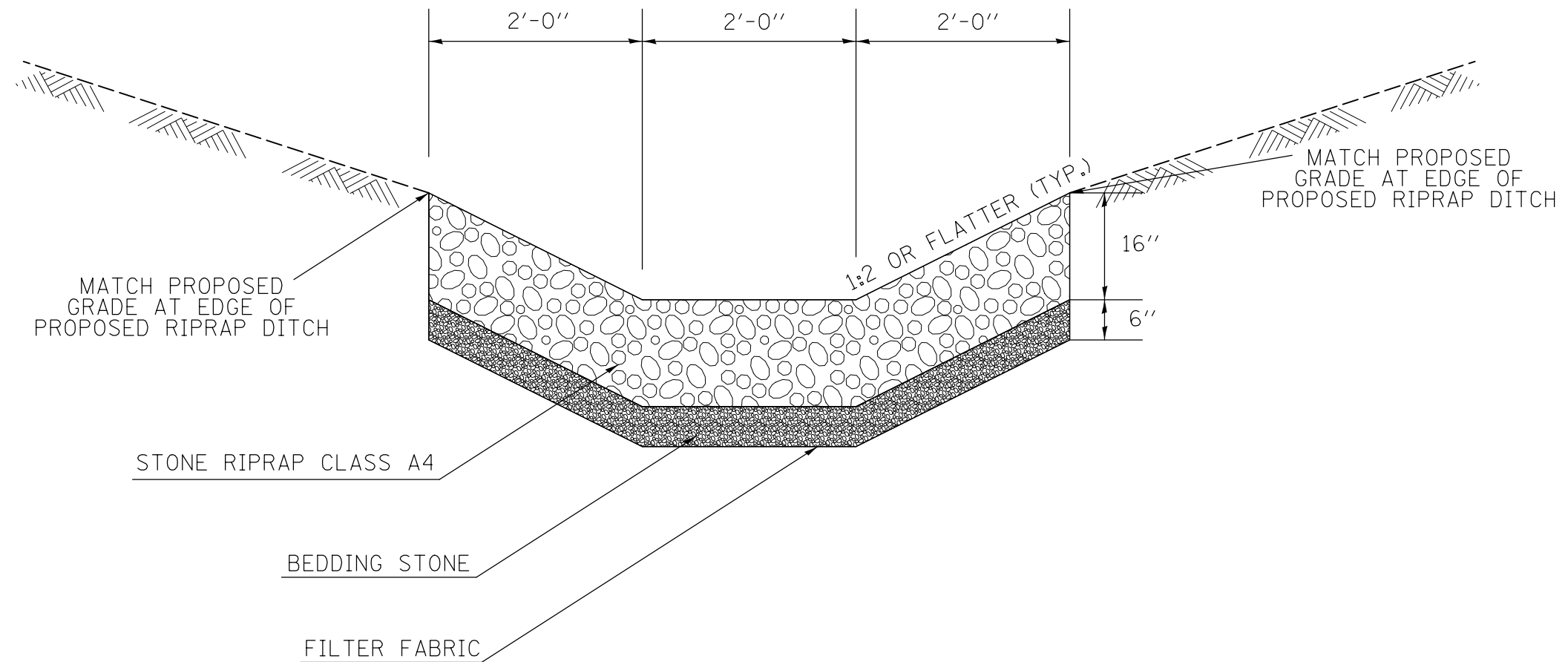
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CLASS SI CONCRETE (OUTLET) DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	142
CONTRACT NO. 70838				
ILLINOIS FED. AID PROJECT				

TYPICAL CROSS SECTIONS OF PROPOSED STONE RIPRAP CLASS A4 AT CLASS SI CONCRETE (OUTLET) AND SHOULDER CURB WITH INLET LOCATIONS



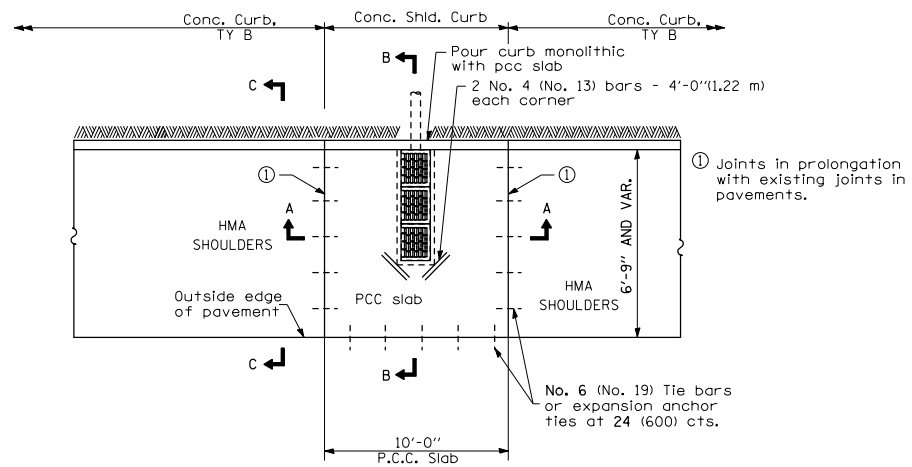
FILE NAME =	USER NAME = dodgems	DESIGNED - BJH	REVISED -
et:\pwork\pwork\dodgems\d0267571\0570838-sht-details.dgn		DRAWN - BJH	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - BJM	REVISED -
MODELNAME	PLOT DATE = 6/11/2014	DATE - 04/16/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

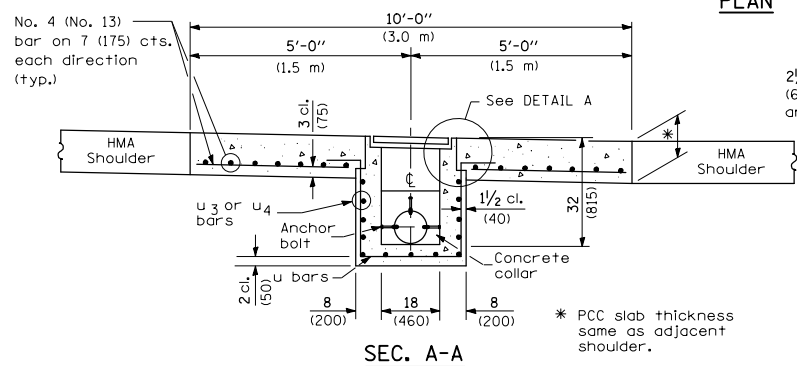
TYPICAL CROSS SECTION OF PROPOSED STONE RIPRAP CLASS A4

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

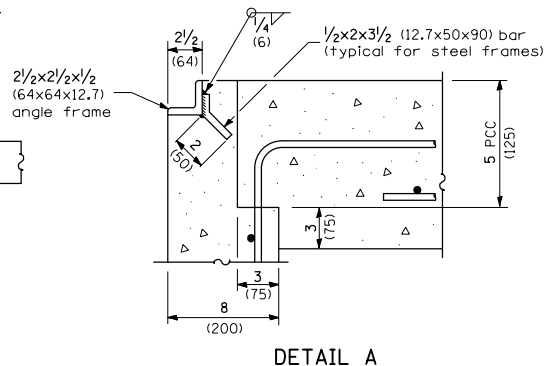
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	143
CONTRACT NO. 70838				
ILLINOIS FED. AID PROJECT				



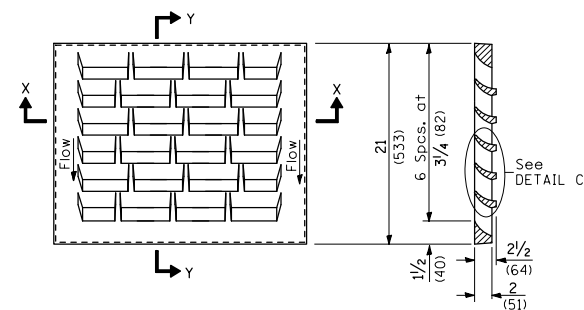
PLAN



SEC. A-A

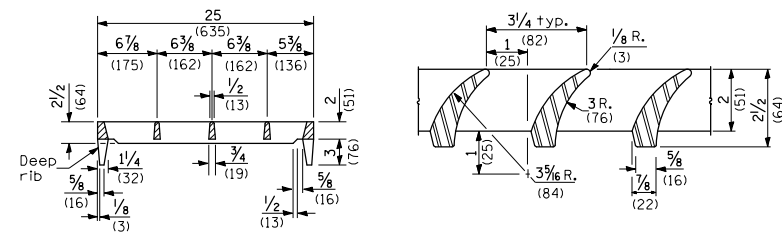


DETAIL A



DETAIL OF CAST GRATE

SECTION Y-Y



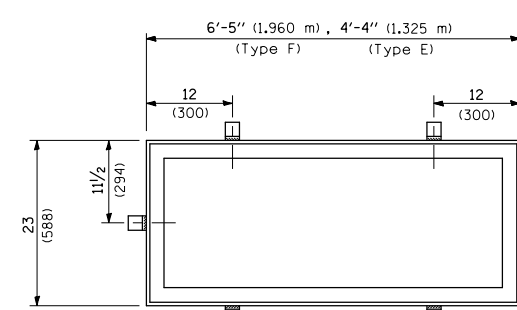
SECTION X-X

DETAIL C

INLET BOX							
REQUIRED MATERIAL							
TYPE E				TYPE F			
Bar	Qty.	Size	Length	Bar	Qty.	Size	Length
u	6	No. 4 (No. 13)	9'-9" (2,96 m)	u	8	No. 4 (No. 13)	9'-9" (2,96 m)
u ₂	3	No. 4 (No. 13)	11'-9" (3,57 m)	u ₁	3	No. 4 (No. 13)	13'-10" (4,21 m)
u ₄	6	No. 4 (No. 13)	9'-6" (2,89 m)	u ₃	6	No. 4 (No. 13)	11'-6" (3,49 m)
Concrete	cu. yds. (m ³)	1,3 (1,0)		Concrete	cu. yds. (m ³)	1,7 (1,3)	
Reinf. bars	lbs. (kg)	101 (45,8)		Reinf. bars	lbs. (kg)	126 (57,2)	
Grating	sq. ft. (m ²)	7,3 (0,68)		Grating	sq. ft. (m ²)	10,9 (1,02)	

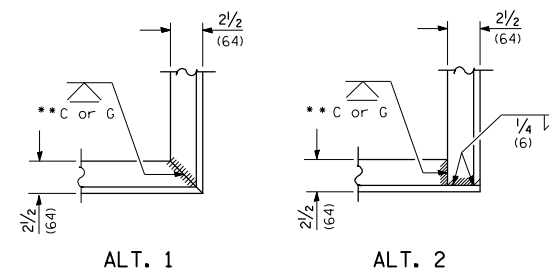
INLET TYPE	SHOULDER WIDTH	0-0 GRATING FRAME	INLET BOX INSIDE WIDTH	INLET BOX INSIDE LENGTH
Type E	6'-9" AND VAR.	4'-4" (1,325 m)	3'-11" (1,195 m)	18 (460)
Type F	10'	6'-5" (1,960 m)	6'-0" (1,830 m)	18 (460)

Type E requires 2 grates
Type F requires 3 grates



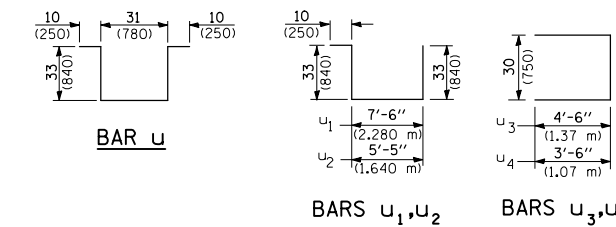
DETAIL OF STEEL FRAME

Cast frame to have same basic dimensions.



TYPICAL CORNER OF STEEL GRATING FRAME

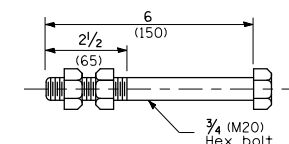
**Cut or Grind flush



BAR u

BARS u₁, u₂

BARS u₃, u₄



ANCHOR BOLT

(Used to tie pipe to concrete collar)

GENERAL NOTES

See Standard 420001 for joint details not shown.

All exposed edges of the inlet, except the upper perimeter, shall be beveled 3/4 (20).

For placement of drainage elements on existing construction with existing rigid pavement, substitute expansion anchor ties for the tie bars. For non-rigid pavements or monolithic construction of pcc slab and shoulder, omit tie bars.

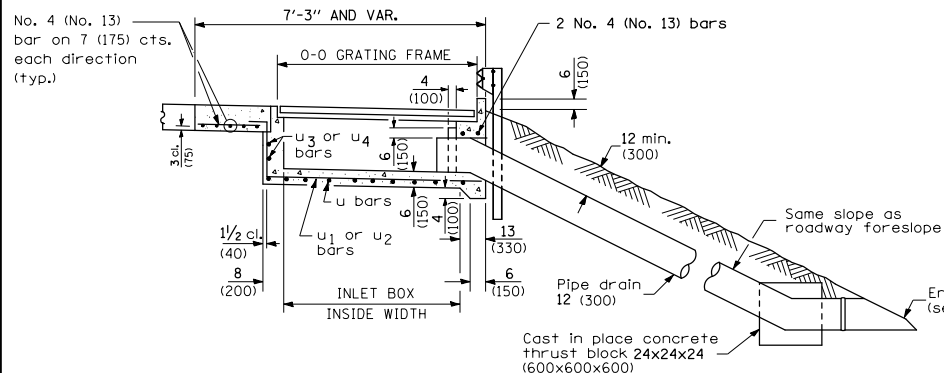
The cost of PCC slab shall be included in the cost of Type E or F Inlet Box, Standard 610001 (SPECIAL).

The cost of the Concrete Curb, Type B shall be paid for at the contract unit price per foot (meter) for Concrete Curb, Type B.

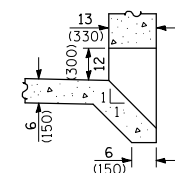
The cost of concrete shoulder curb shall be paid for at the contract unit price per foot (meter) for Concrete Shoulder Curb.

The lengths of reinforcement bars used in the portland cement concrete slab shall be such as to accommodate the lengths, widths, and spacing shown on the plans.

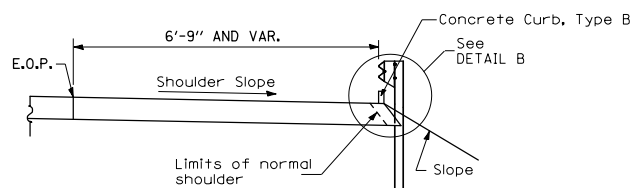
All dimensions are in inches (millimeters) unless otherwise shown.



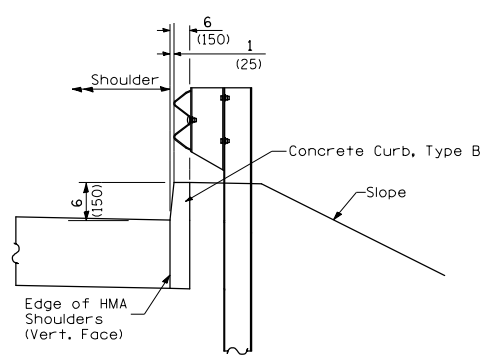
SEC. B-B



BOX OUTLET WHEN PRECAST

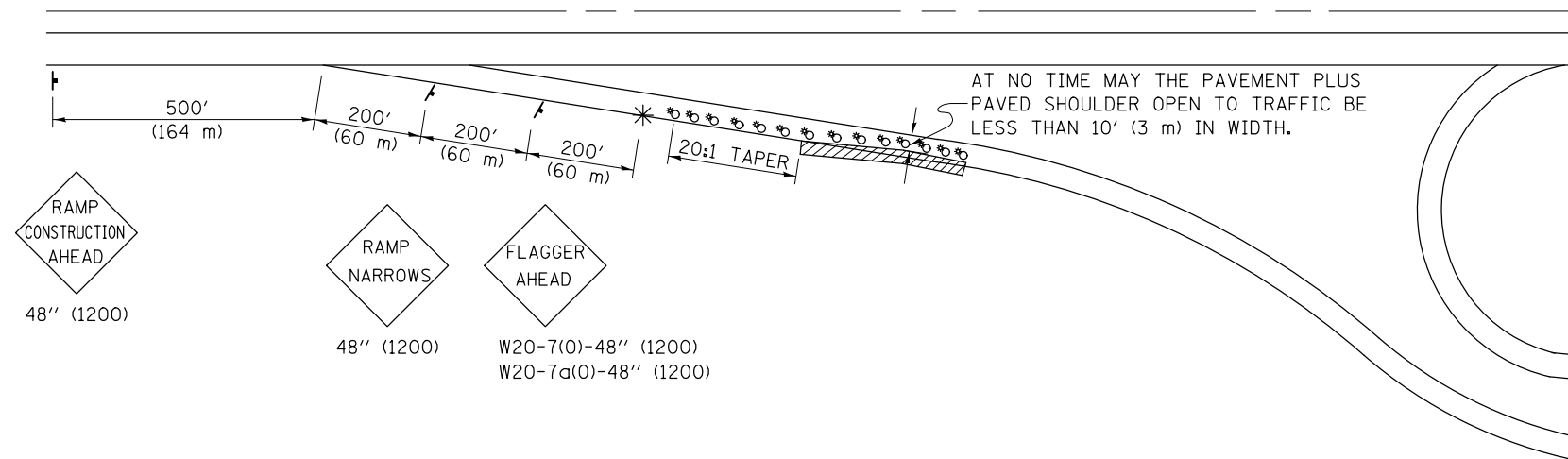


SECTION C-C



DETAIL B

**APPLICATION NO. 1
PARTIAL RAMP CLOSURE**



SYMBOLS

- ⊗ (APPLICATION NO. 1 OR 2) TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
- * (APPLICATION NO. 1) FLAGGER PLACED AS DIRECTED BY THE ENGINEER. REQUIREMENTS FOR NIGHT TIME FLAGGING SHALL BE ACCORDING TO ARTICLE 701.13 OF THE STANDARD SPECIFICATIONS.
- † SIGN ON PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA

TYPICAL APPLICATIONS

- PAVEMENT PATCHING
- PIPE UNDERDRAINS
- HMA RESURFACING

GENERAL NOTES

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT PLUS PAVED SHOULDER SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

WORK PERFORMED DURING NIGHT TIME HOURS SHALL CONFORM TO SECTION 702 OF THE STANDARD SPECIFICATIONS.

WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

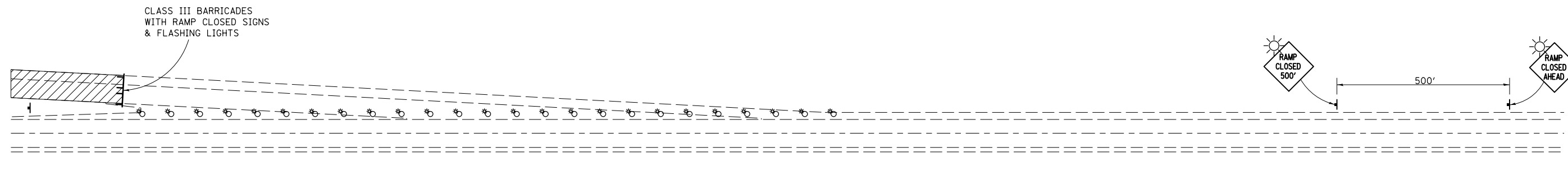
ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR NIGHTS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

Traffic Control for all ramps shall be in accordance with the appropriate application of plan detail **TRAFFIC CONTROL FOR RAMPS** and will not be paid for separately, but shall be included in the contract lump sum price for Traffic Control and Protection, (Special).

**APPLICATION NO. 2
RAMP CLOSURE**

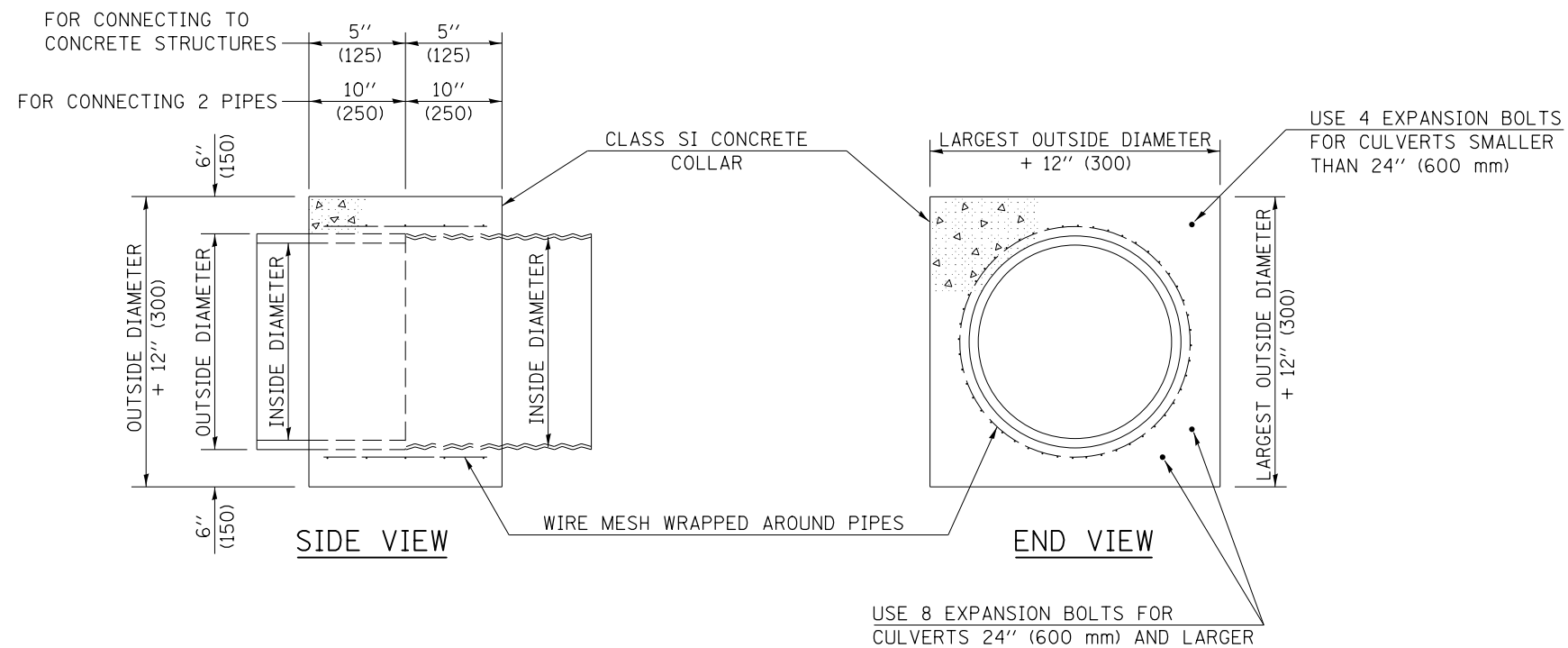


GENERAL NOTES

NO RAMP CLOSURES SHALL BE ALLOWED.

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

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL FOR RAMPS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\dodgems\d0267571\0570838-sht-de tails.dgn	DRAWN -	REVISED -	704					(57-7)RS-1 & IRS-3	McLean	273	145	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70838									
PLOT DATE = 6/11/2014	DATE -	REVISED -	SCALE:		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	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.

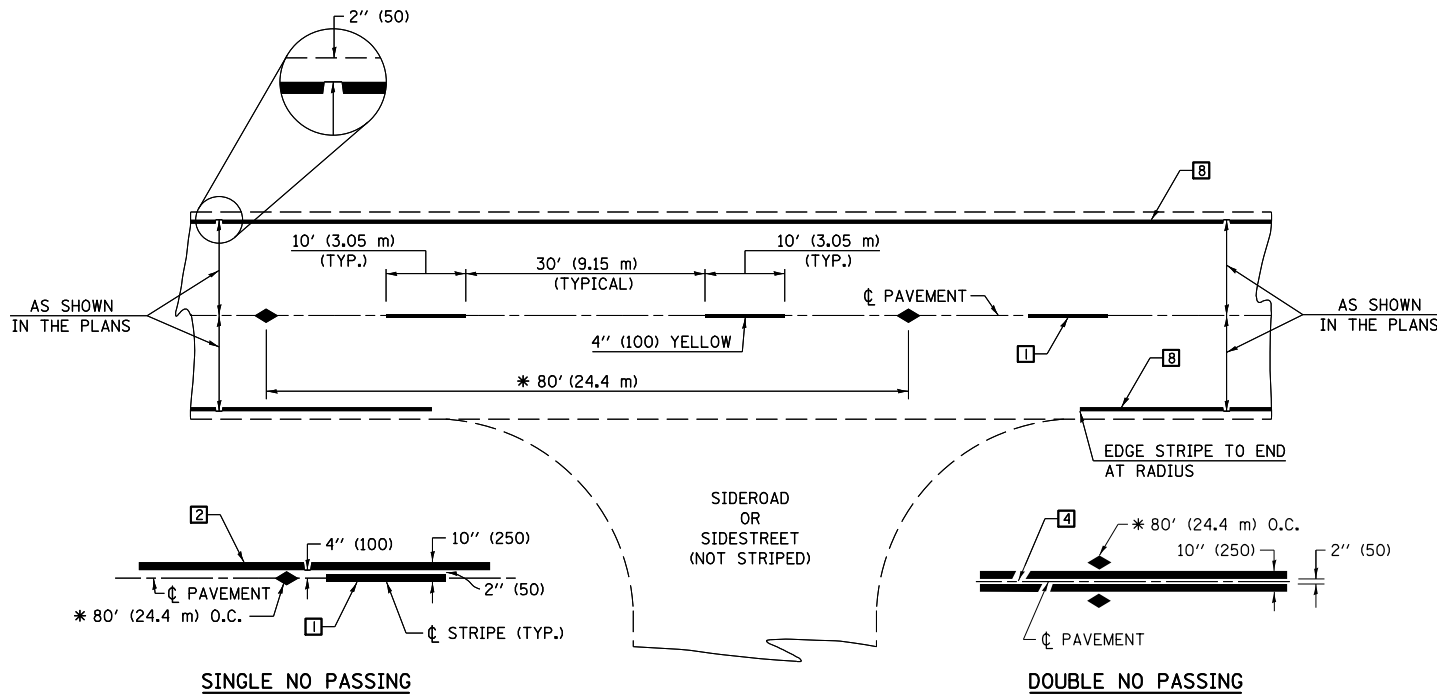
QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (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 = dodgms	DESIGNED -	REVISED - 12/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE COLLAR			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\dodgms\d0267571\0570838-sht-detail.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	704	(57-7)RS-1 & IRS-3	McLean	273	146
		CHECKED -	REVISED -					CONTRACT NO. 70838					
		DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



* 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

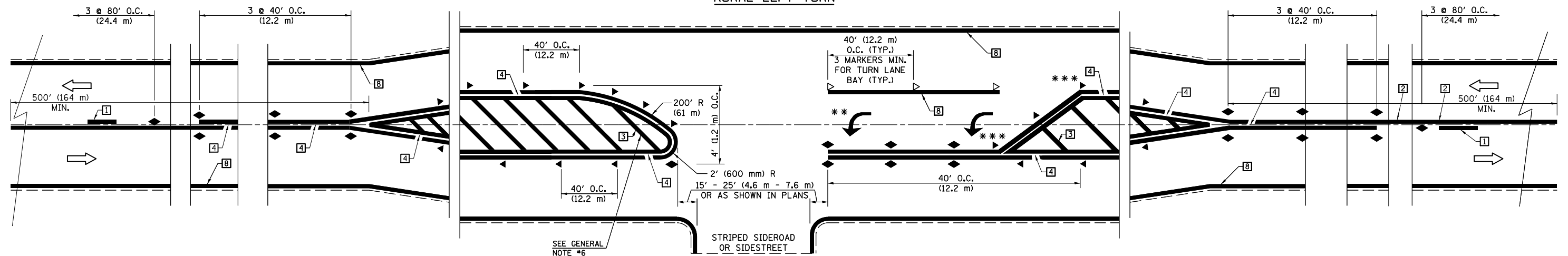
TYPICAL PAVEMENT MARKING LEGEND

- 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.

DISTRICT 5 DETAIL NO. 7800AAA

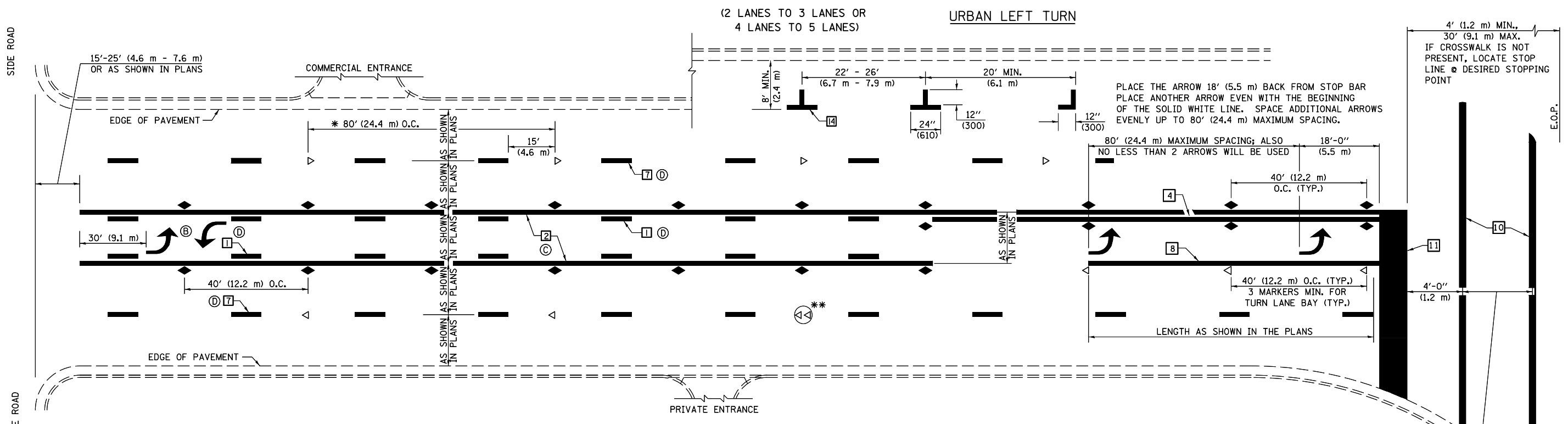
FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED - 11/06
et:\pw\work\p\dot\dodgems\d0267571\0570838-sht-de tails.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & IRS-3	McLean	273	147
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

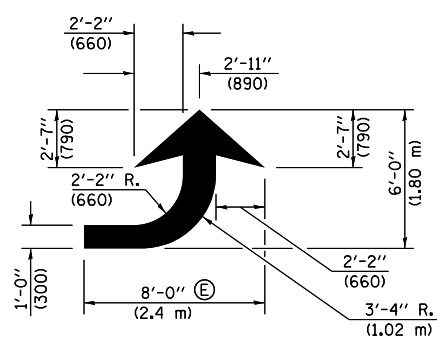


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

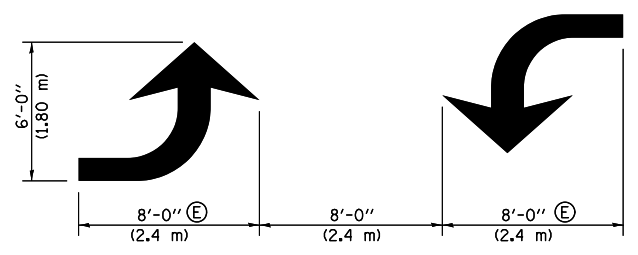
GENERAL NOTES:

- ⓑ 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)



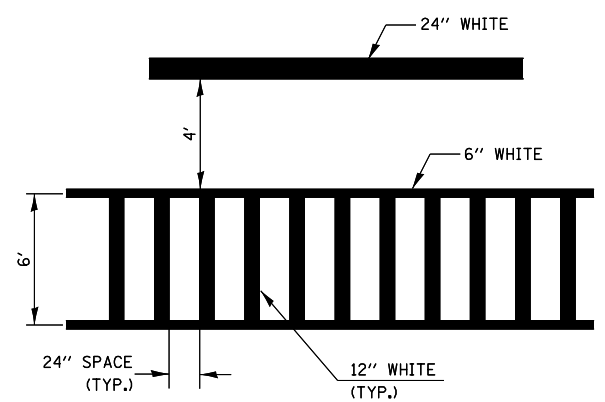
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

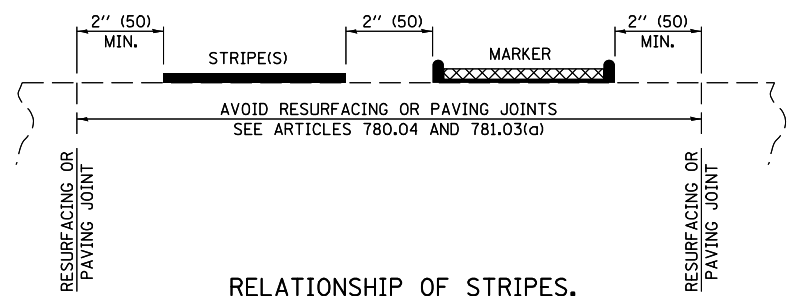


TYPICAL DOUBLE TURN ARROWS (WHITE)

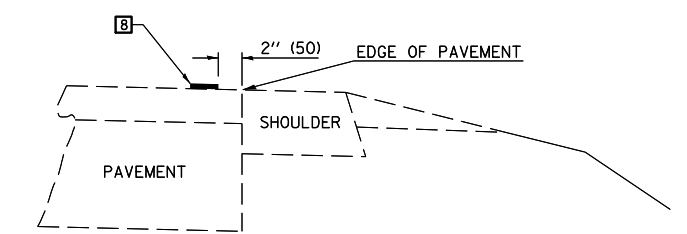
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

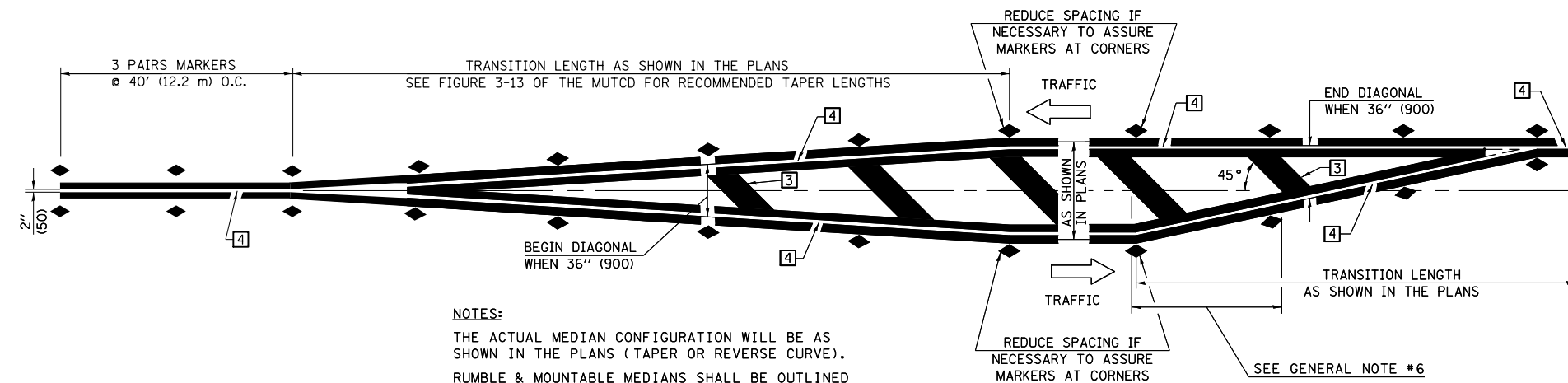
CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

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

FILE NAME =	USER NAME = dodgems	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.	
et:\pw\work\p\dot\dodgems\d0267571\0570838-sht-details.dgn	PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED - 09/2009 - KJT			704	(57-7)RS-1 & IRS-3	McLean	273	148	
	PLOT DATE = 6/11/2014	CHECKED -	REVISED -			CONTRACT NO. 70838					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DISTRICT 5 DETAIL NO. 7800AAA

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

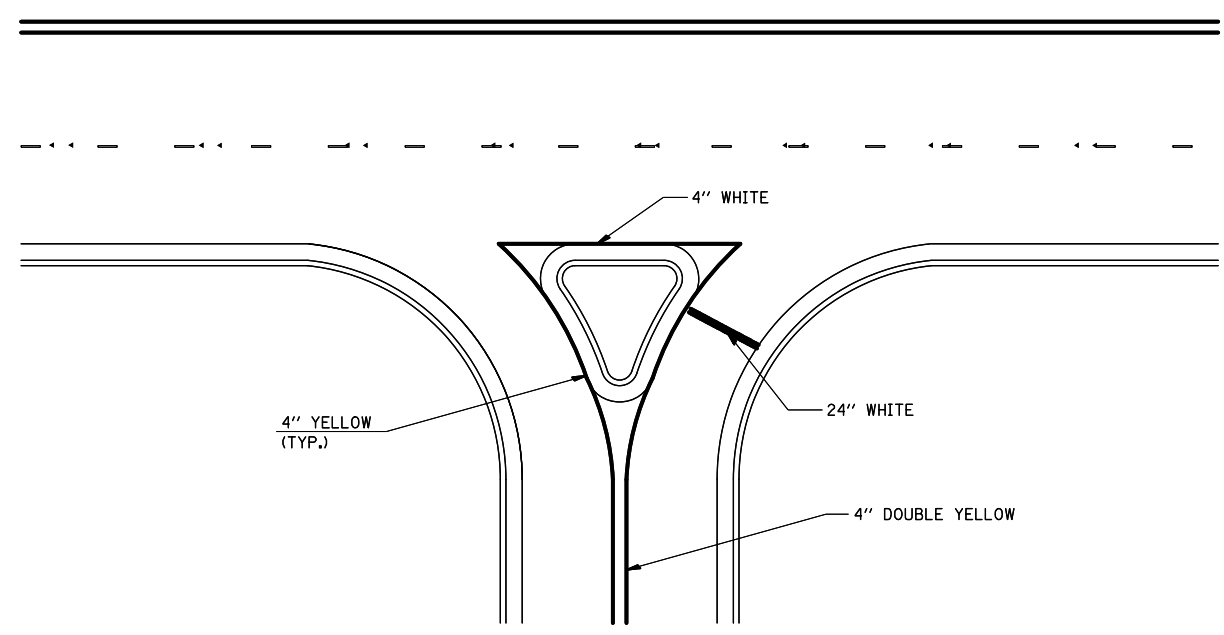


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

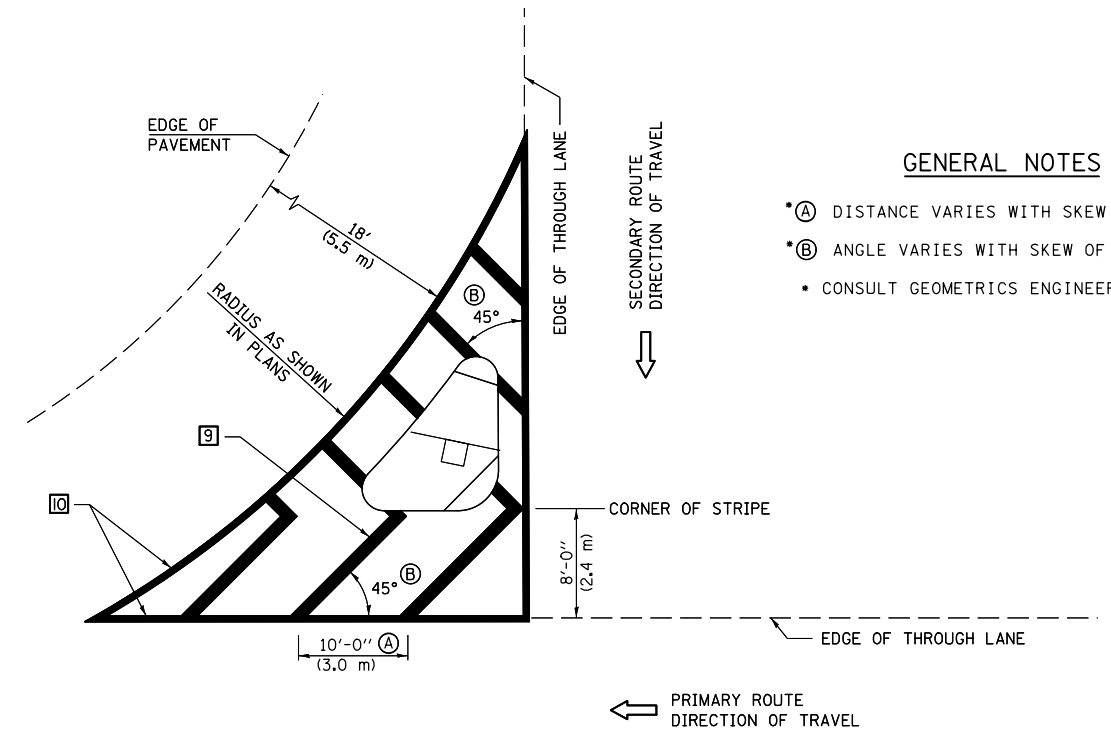
TYPICAL MEDIAN TRANSITIONS

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



GENERAL NOTES

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

ISLAND

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

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED - 11/06
et:\pwork\pwork\dodgems\d0267571\0570838-sht-detail.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

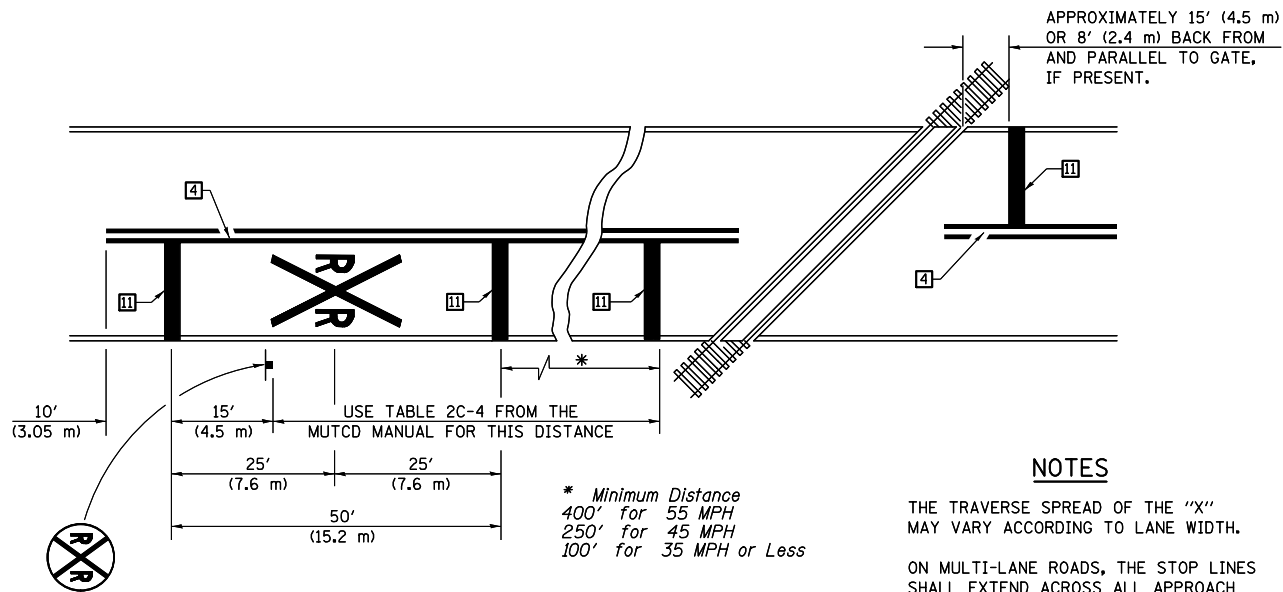
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & IRS-3	McLean	273	149
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



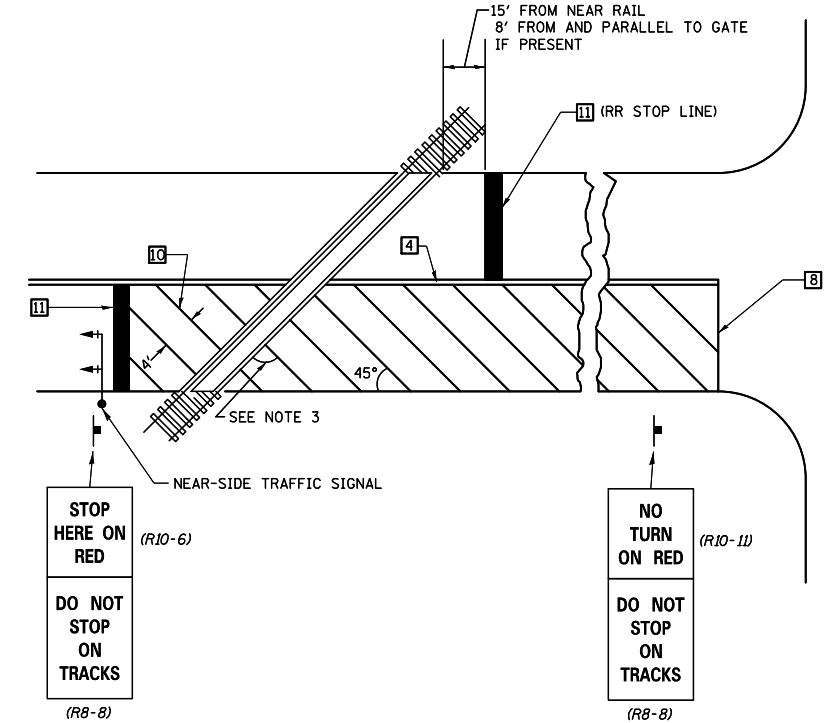
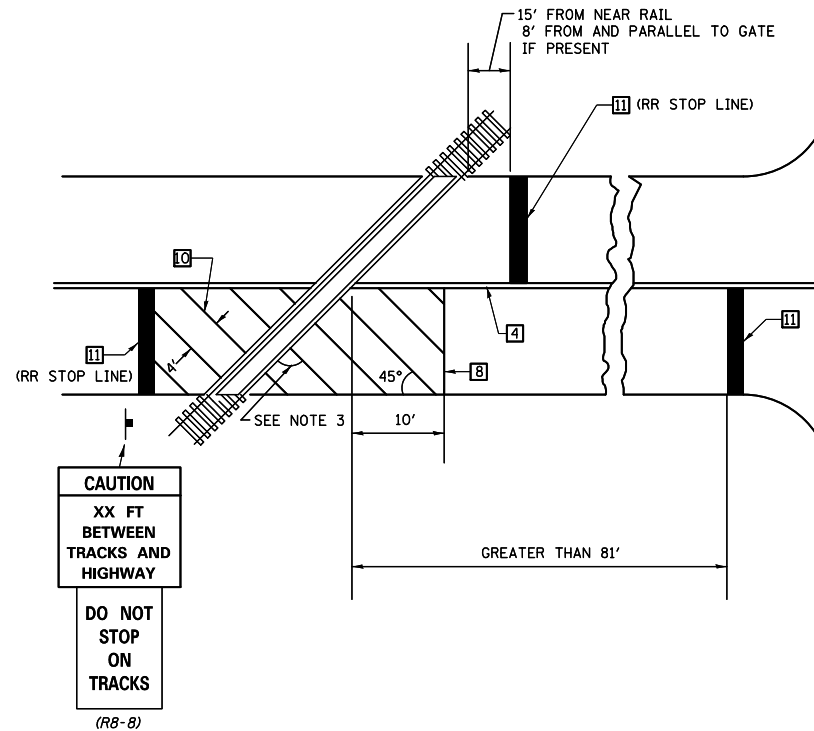
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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.

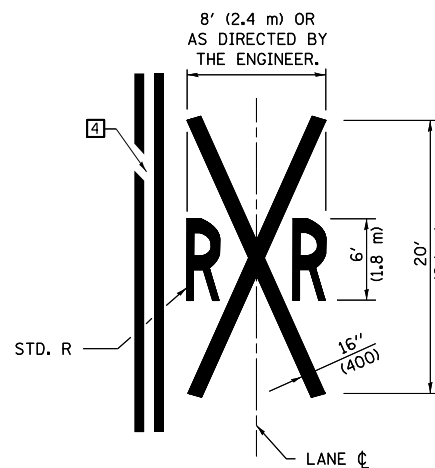
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

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.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED - 11/06
et:\pw\work\p1dot\dodgems\d0267571\0570838-sht-de tails.dgn		DRAWN -	REVISED - 09/2009 - KJT
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	PLOT DATE = 6/11/2014	DATE -	REVISED -

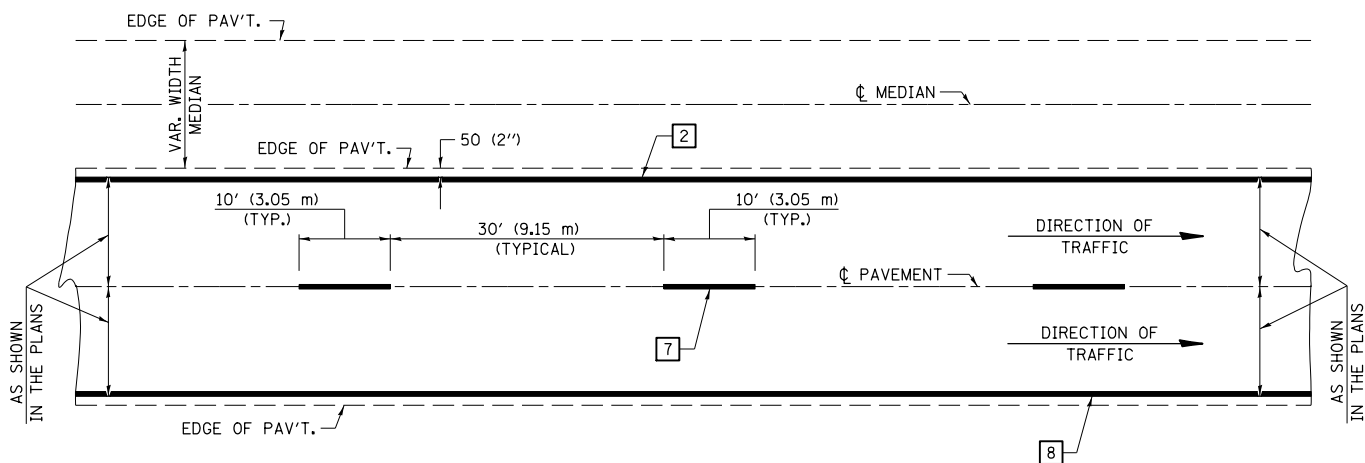
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & IRS-3	McLean	273	150
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70838	

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

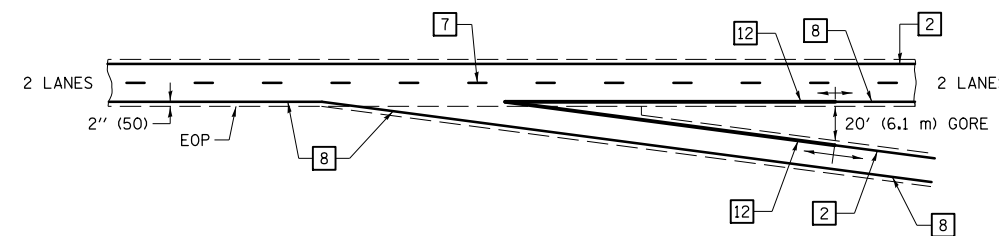


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

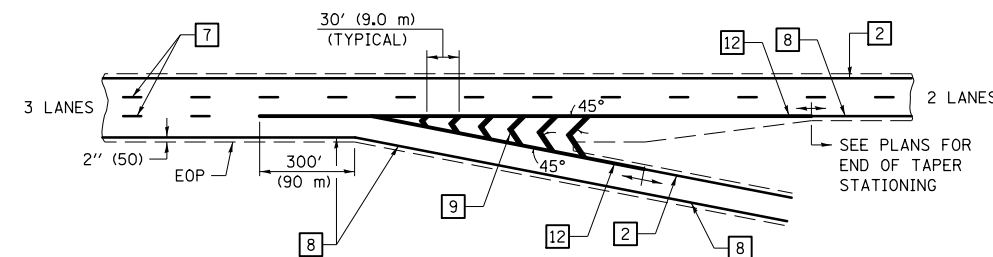
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

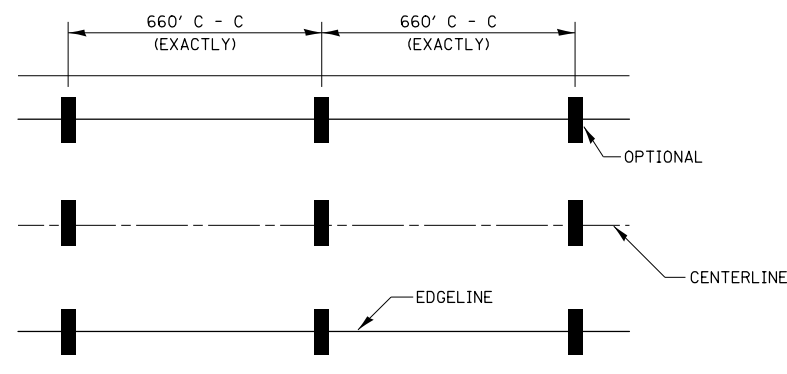
TYPICAL EXIT RAMP TERMINAL



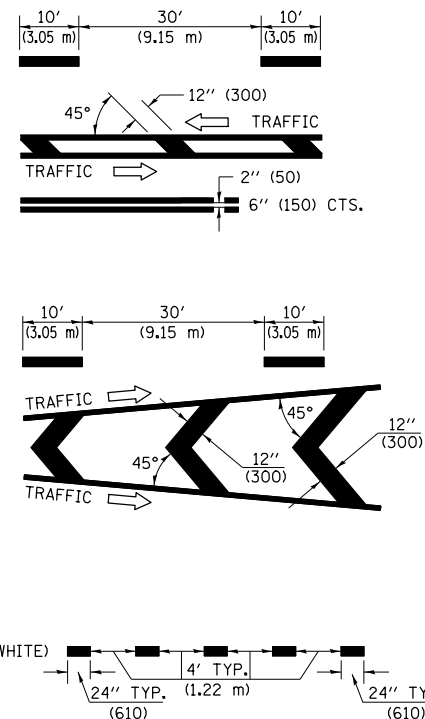
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



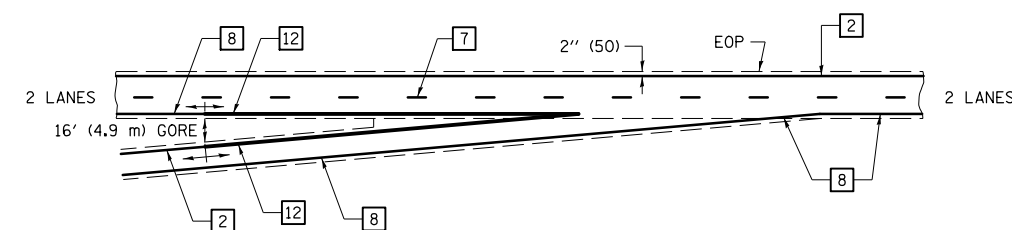
TYPICAL PAVEMENT MARKING LEGEND



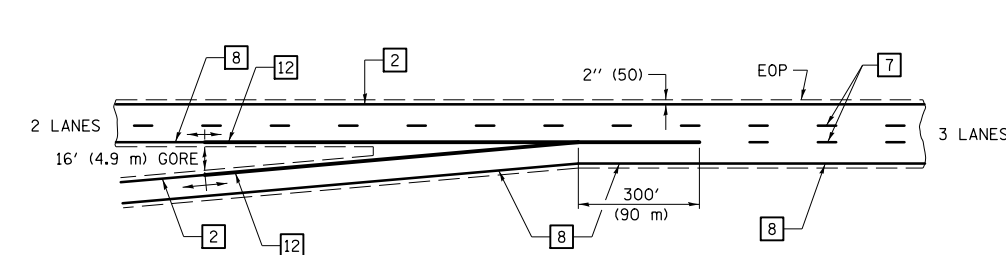
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



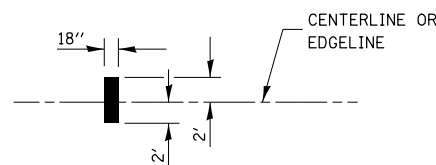
TYPICAL ENTRANCE RAMP TERMINAL



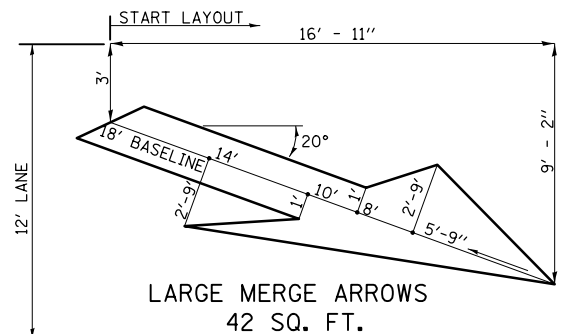
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



AERIAL SPEED CHECK ZONES



LARGE MERGE ARROWS
42 SQ. FT.

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

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED - 11/06
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PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/11/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 780BBBB

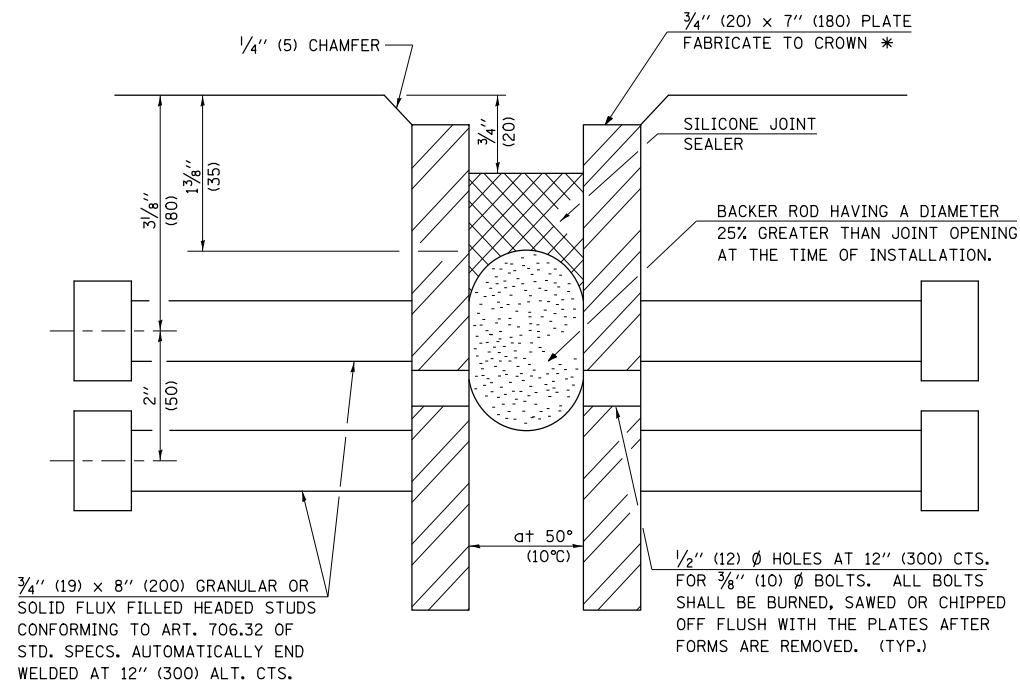
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	151
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SILICONE JOINT SEALER

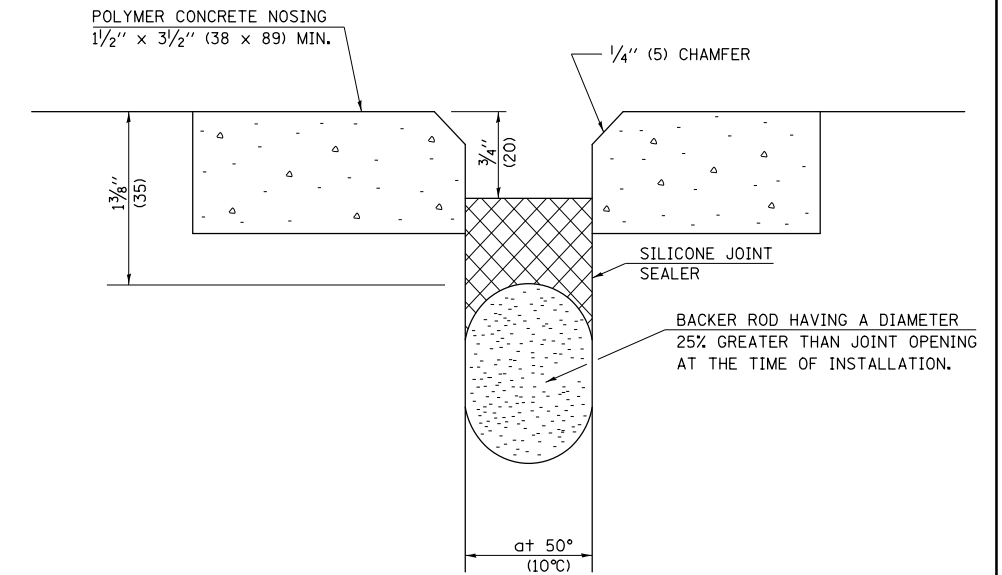
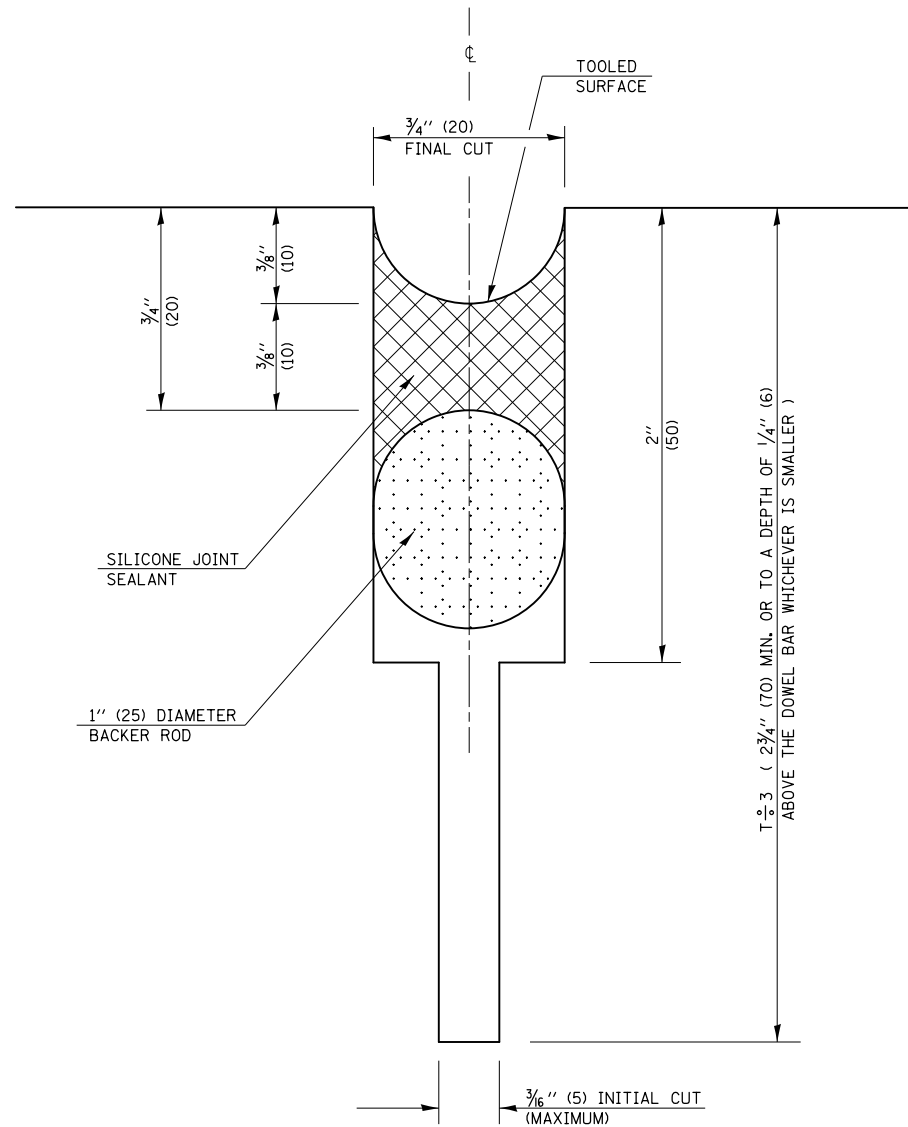
PAVEMENT JOINTS

CONCRETE DETAILS

STEEL DETAILS



* FURNISH IN SEGMENTS OF 20 FT. (6 m) MAXIMUM LENGTH. MAXIMUM SPACE BETWEEN INSTALLED SEGMENTS SHALL BE 1/4" (5 mm). SEAL SPACE WITH SILICONE SEALANT SUITABLE FOR STRUCTURAL STEEL.



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

DISTRICT 5 DETAIL NO. X0301424

FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED - 12/06
et:\pw\work\p\dot\dodgms\d0267571\0570838-sht-detail.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/11/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

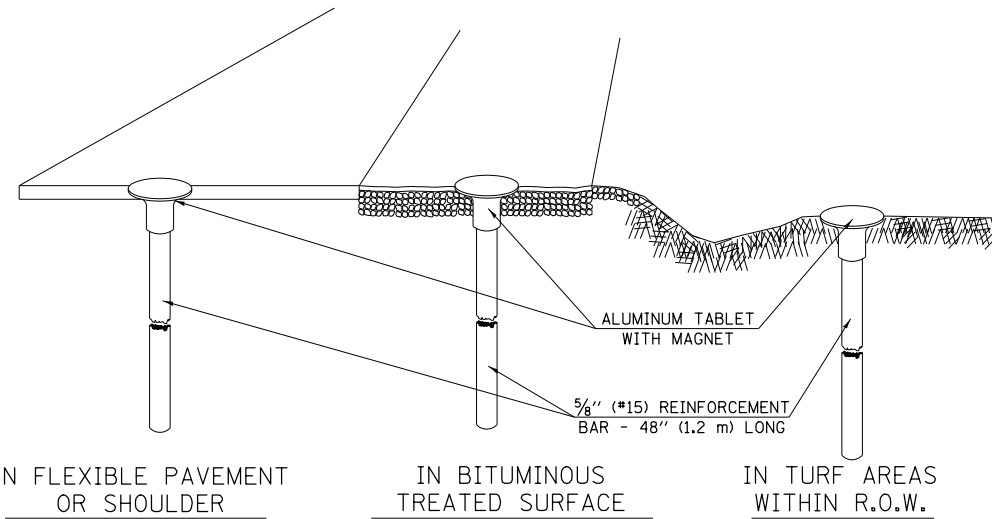
SILICONE JOINT SEALER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	152
CONTRACT NO. 70838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

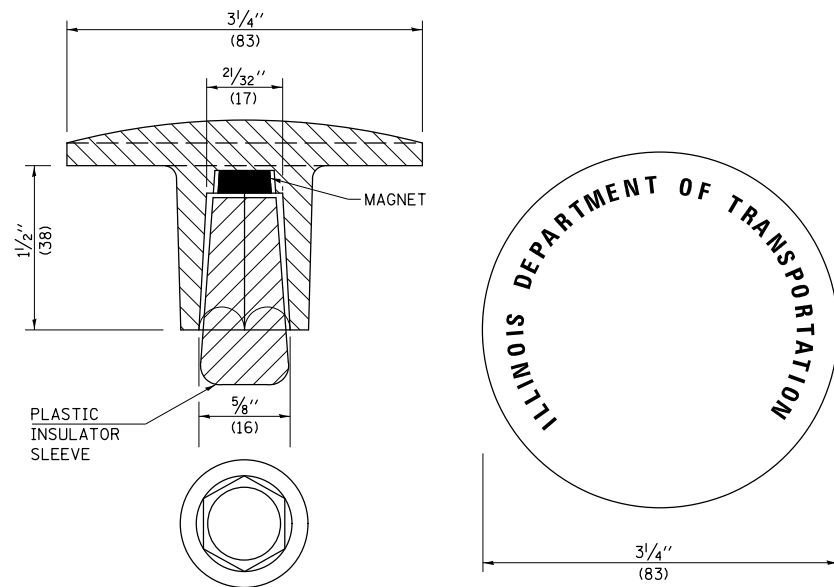
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



IN FLEXIBLE PAVEMENT OR SHOULDER

IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED $\pm 1/4"$ (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. $3/4"$ (83 mm) CONVEX SURVEY CAP FOR $5/8"$ (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF $1/32"$ (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM $1 1/2"$ (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

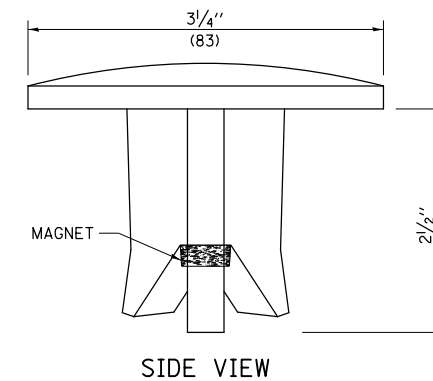
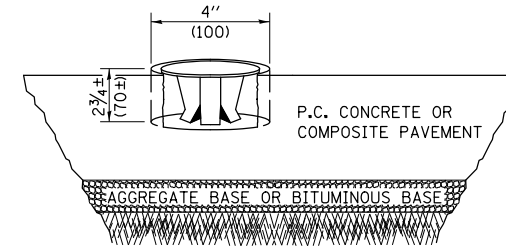
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE $5/8"$ (#15) X 48" (1.2 m) (DEFORMED).

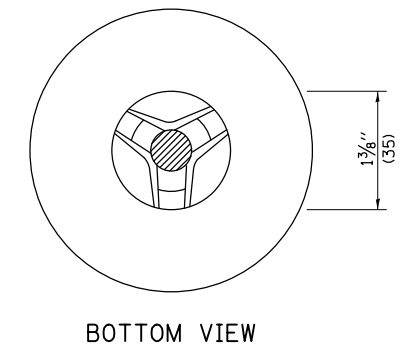
INSPECTION OF REINFORCEMENT BAR $5/8"$ (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SIDE VIEW



BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED $\pm 1/4"$ (6 mm) BELOW THE FINAL SURFACE.

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

FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/11/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

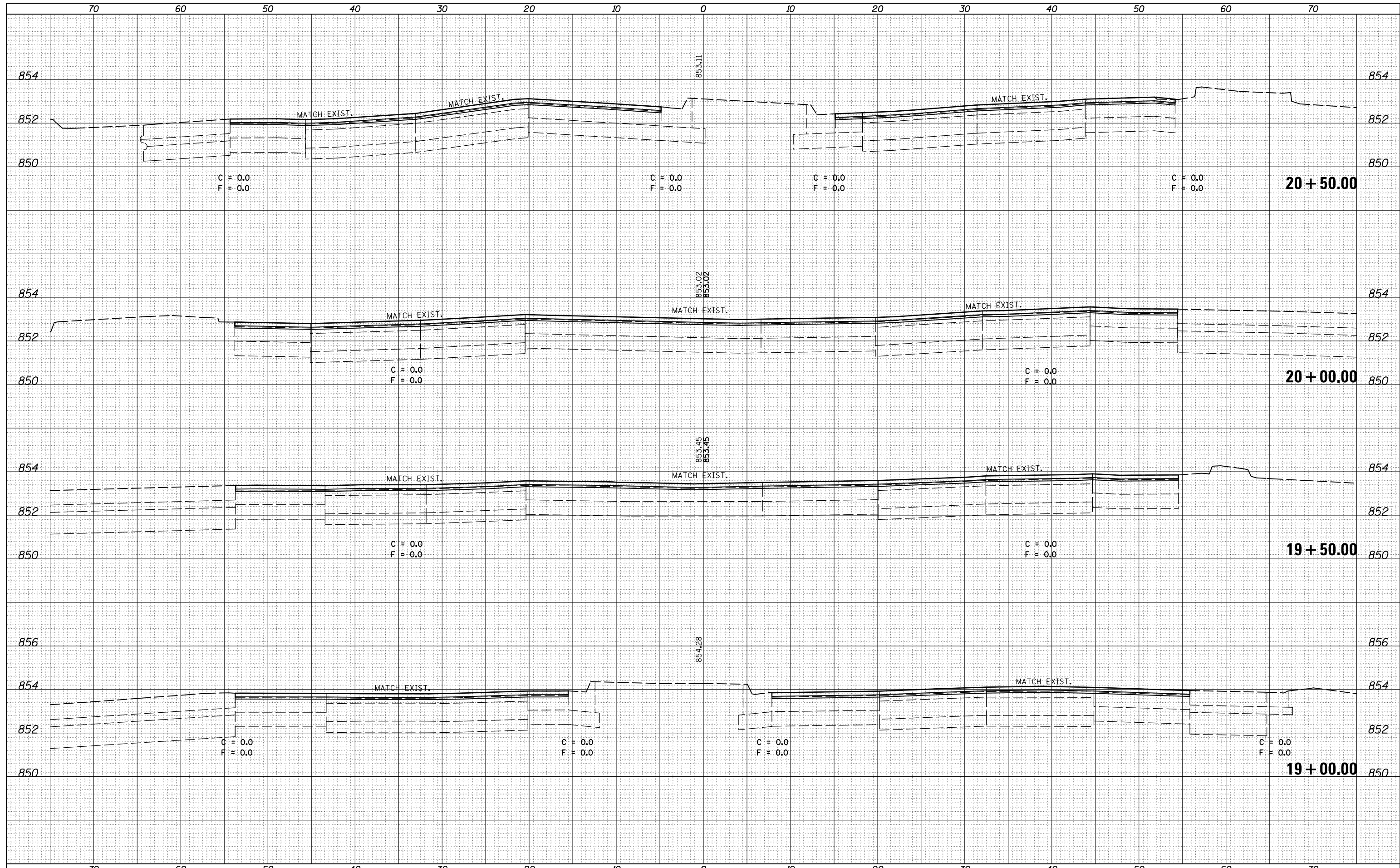
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. XZ193AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & IRS-3	McLean	273	153
CONTRACT NO. 70838				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

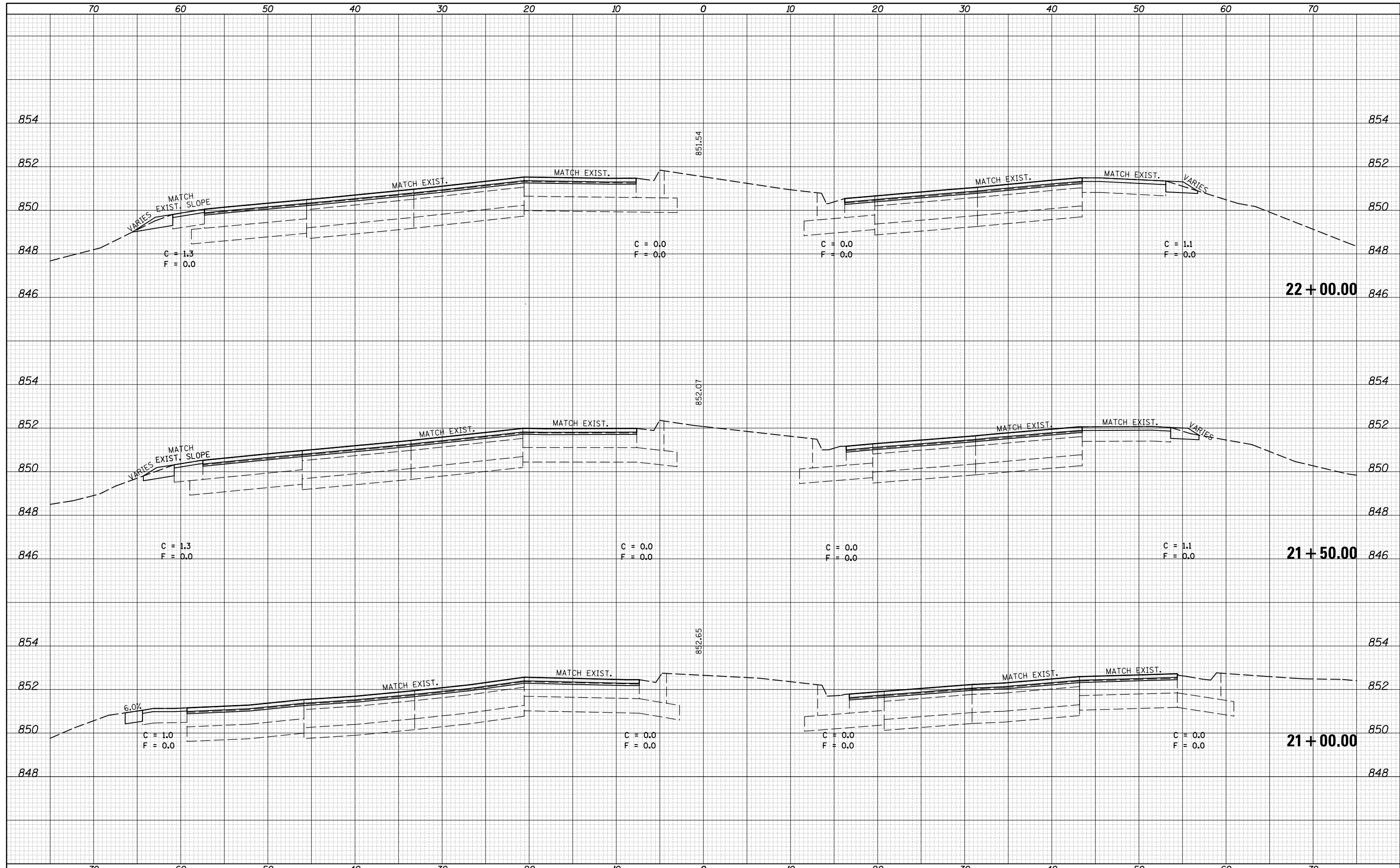
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwork\dodgms\d0267571\0570838-sh	XS_155BUS_South.dgn	DRAWN -	REVISED -		704	(57-7)RS-1&1RS-3	McLean	273	154		
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 1 OF 38 SHEETS STA. 19+00.00 TO STA. 20+50.00		CONTRACT NO. 70838		ILLINOIS FED. AID PROJECT		
MODELNAME	PLOT DATE = 6/11/2014	DATE -	REVISED -								

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NOTE BOOK NO.	

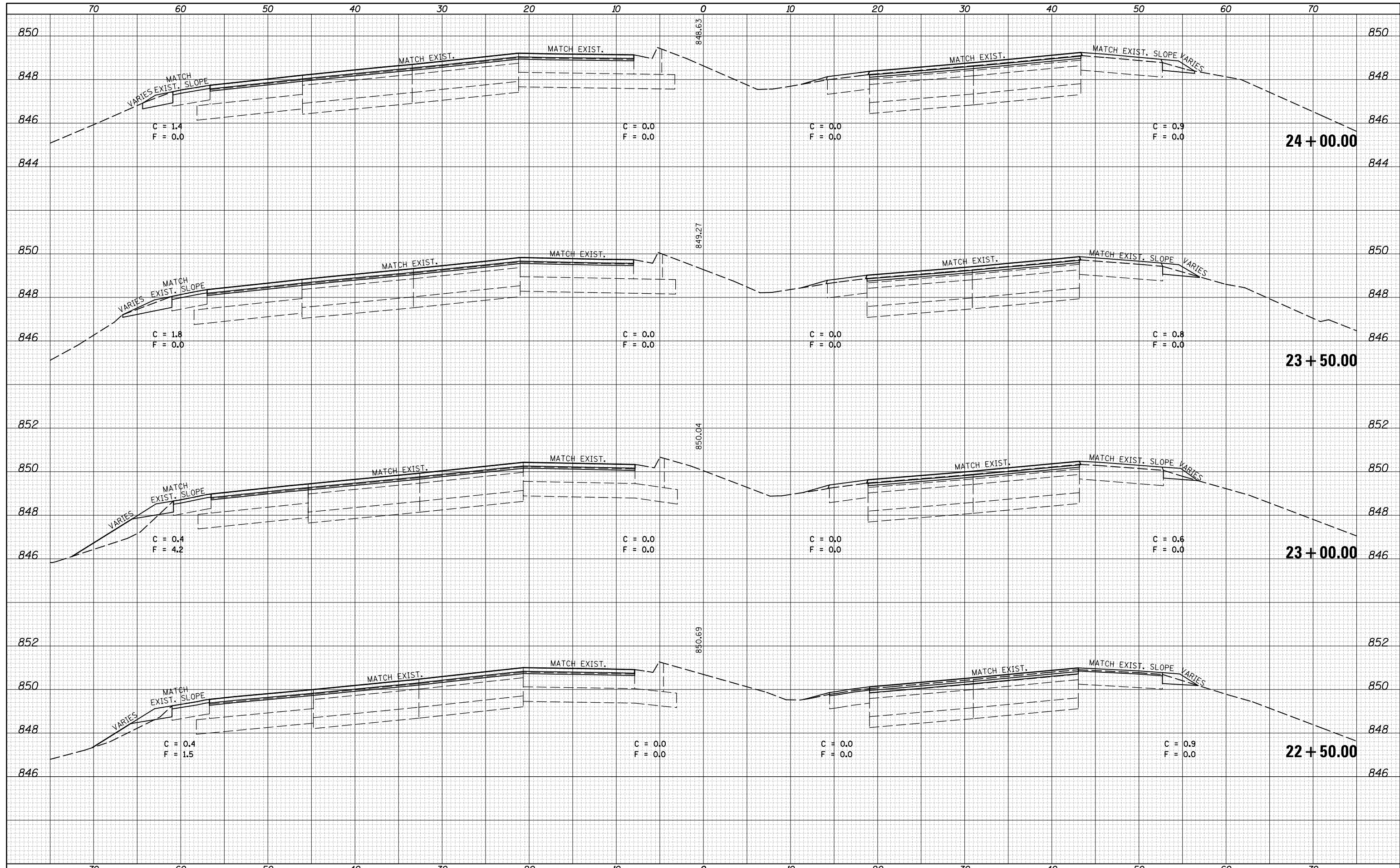
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NOTE BOOK NO.	



FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwork\dodgms\d0267571\0570838-sh-XS_155BUS_South.dgn	DESIGNED -	REVISED -	704			(57-7)RS-1&1RS-3	McLean	273	155	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70838							
MODELNAME	PLOT DATE = 6/11/2014	DATE -	REVISED -	SCALE:	SHEET 2 OF 38 SHEETS	STA. 21+00.00 TO STA. 22+00.00	ILLINOIS FED. AID PROJECT			

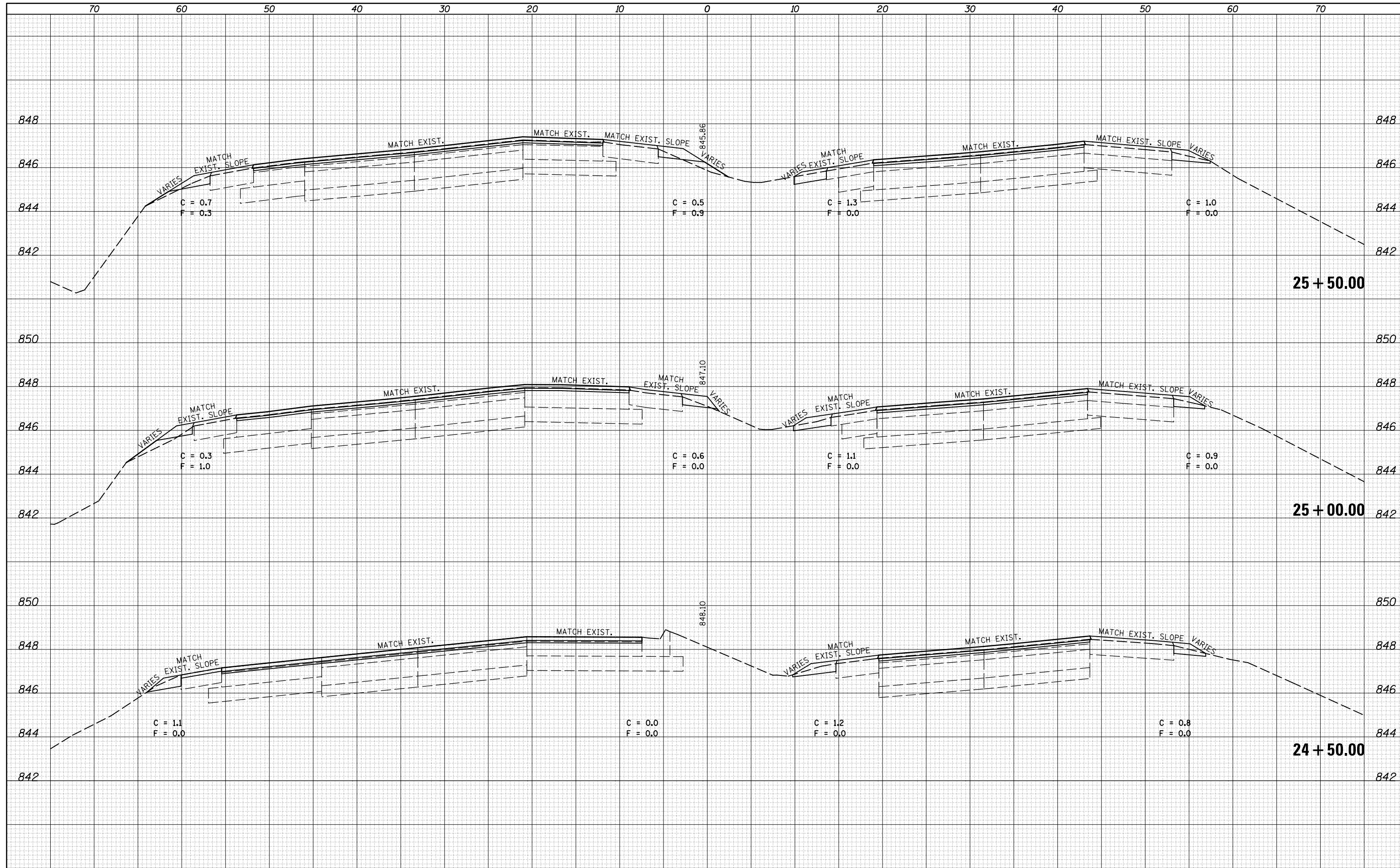
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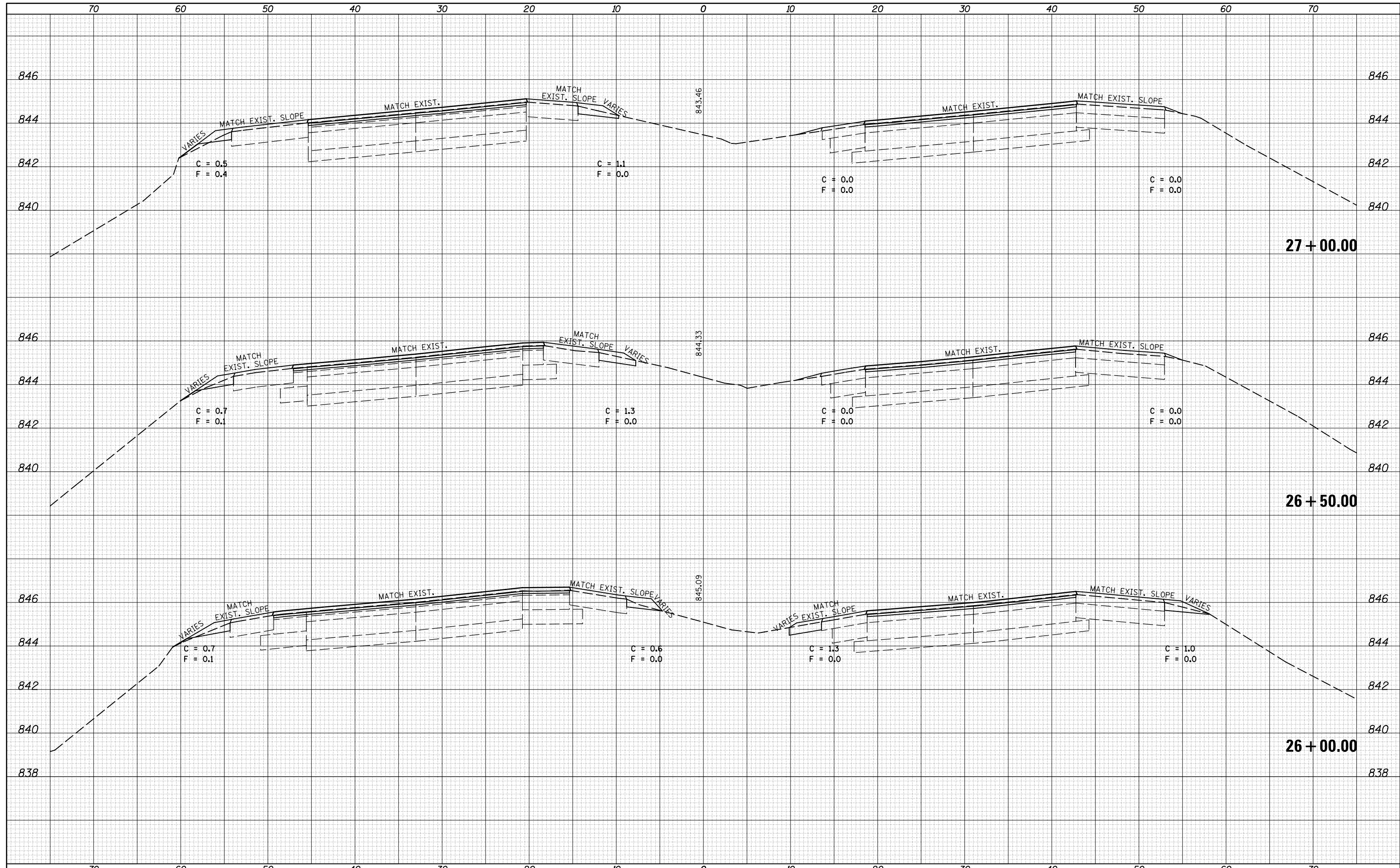
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NOTE BOOK	
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwork\dodgms\d0267571\0570838-sh	XS_155BUS_South.dgn	DRAWN -	REVISED -			704	(57-7RS-1&1RS-3	McLean	273	157
MODELNAME	PLOT DATE = 6/11/2014	CHECKED -	REVISED -			CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	
					SCALE:	SHEET 4 OF 38 SHEETS STA. 24+50.00 TO STA. 25+50.00				

DATE	
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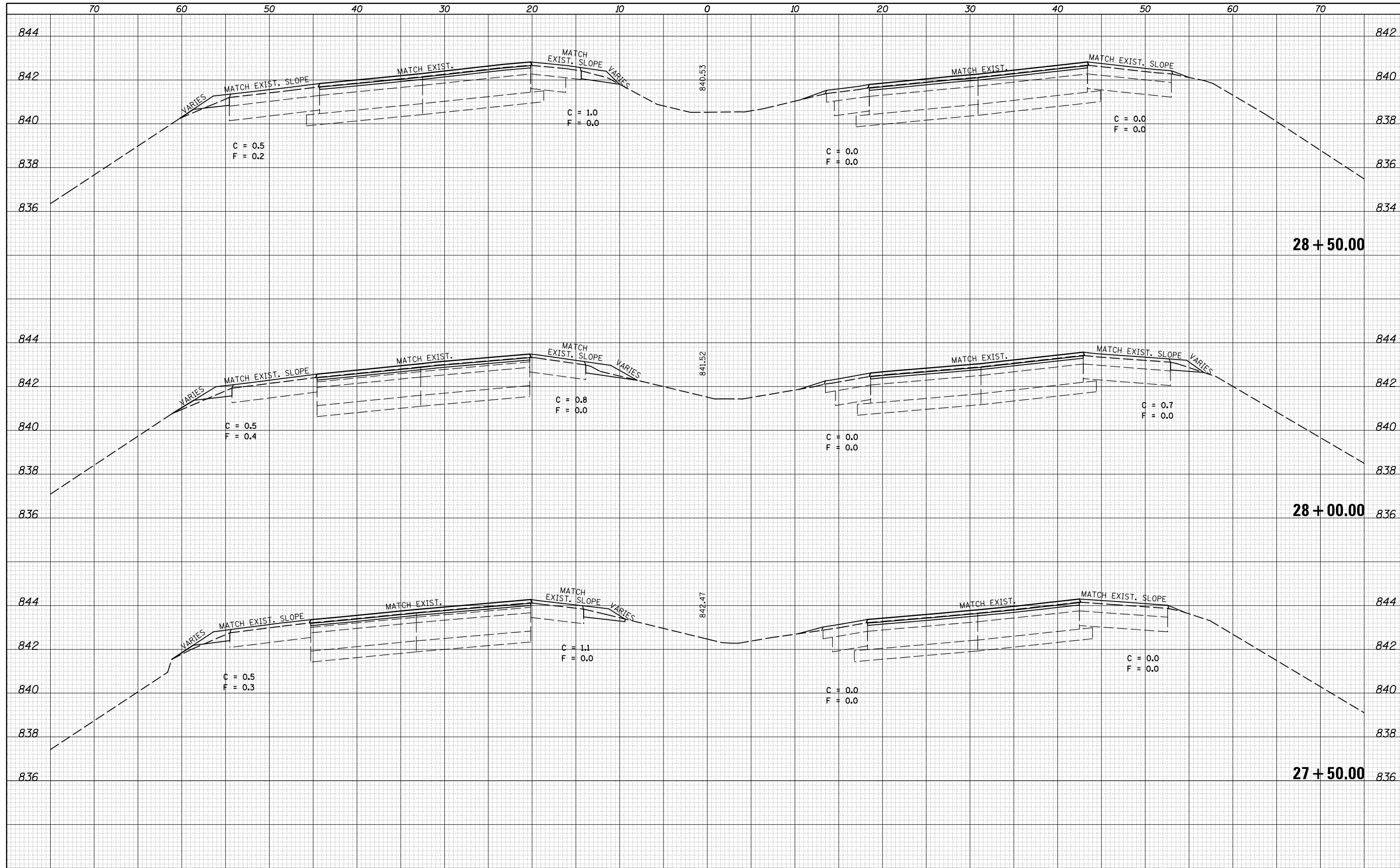
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pido\dodgms\d0267571\0570838-sh-XS_155BUS_South.dgn	DESIGNED -	REVISED -	704			(57-7)RS-1&1RS-3	McLean	273	158	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70838							
DATE = 6/11/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE:		SHEET 5 OF 38 SHEETS		STA. 26+00.00 TO STA. 27+00.00						

DATE	
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DATE	
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ORIGINAL SURVEY	
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 6/11/2014	DATE -	REVISED -

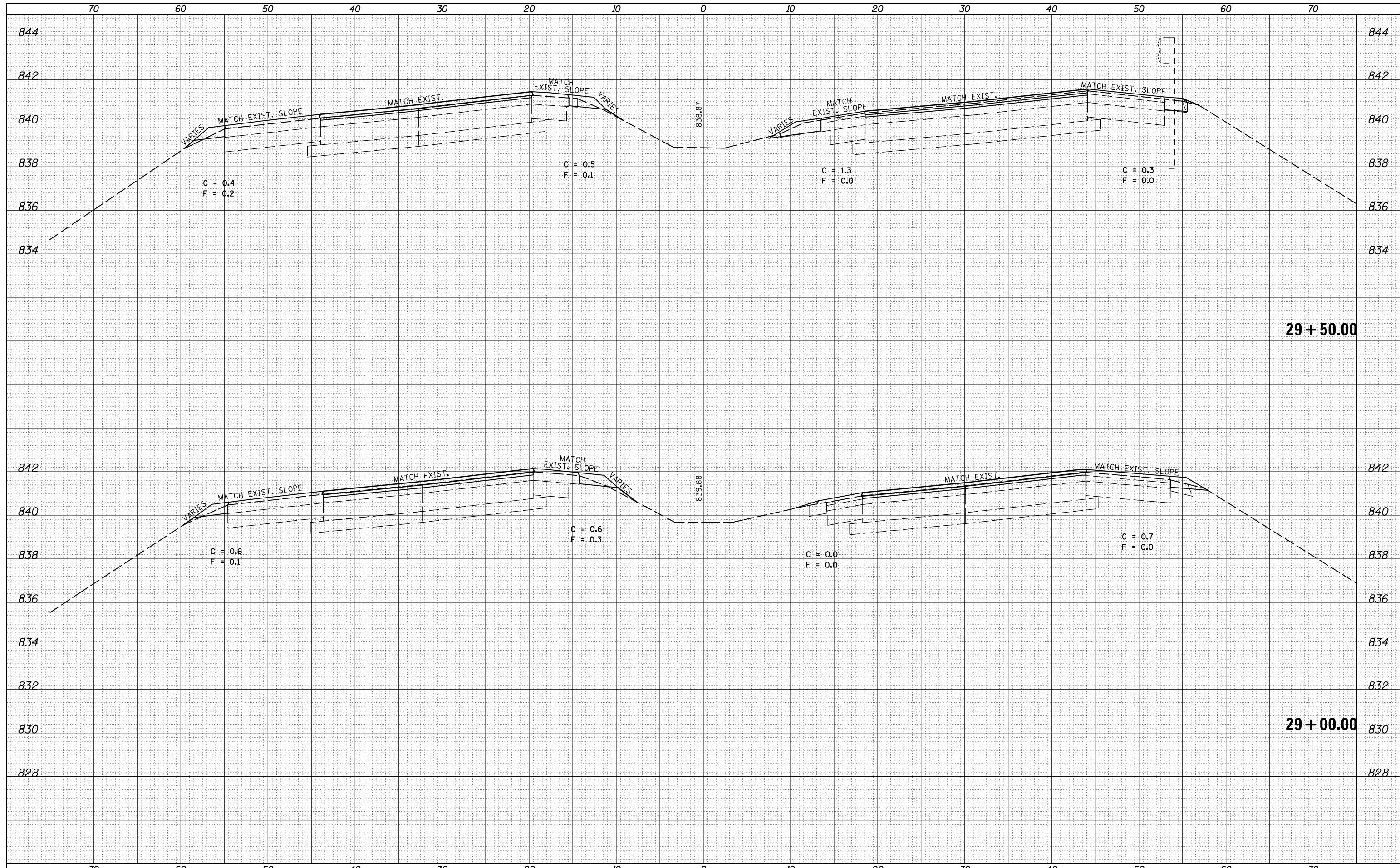
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEET	
FAP 704 (I-55 BUS)	
SCALE:	SHEET 6 OF 38 SHEETS STA. 27+50.00 TO STA. 28+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	159
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

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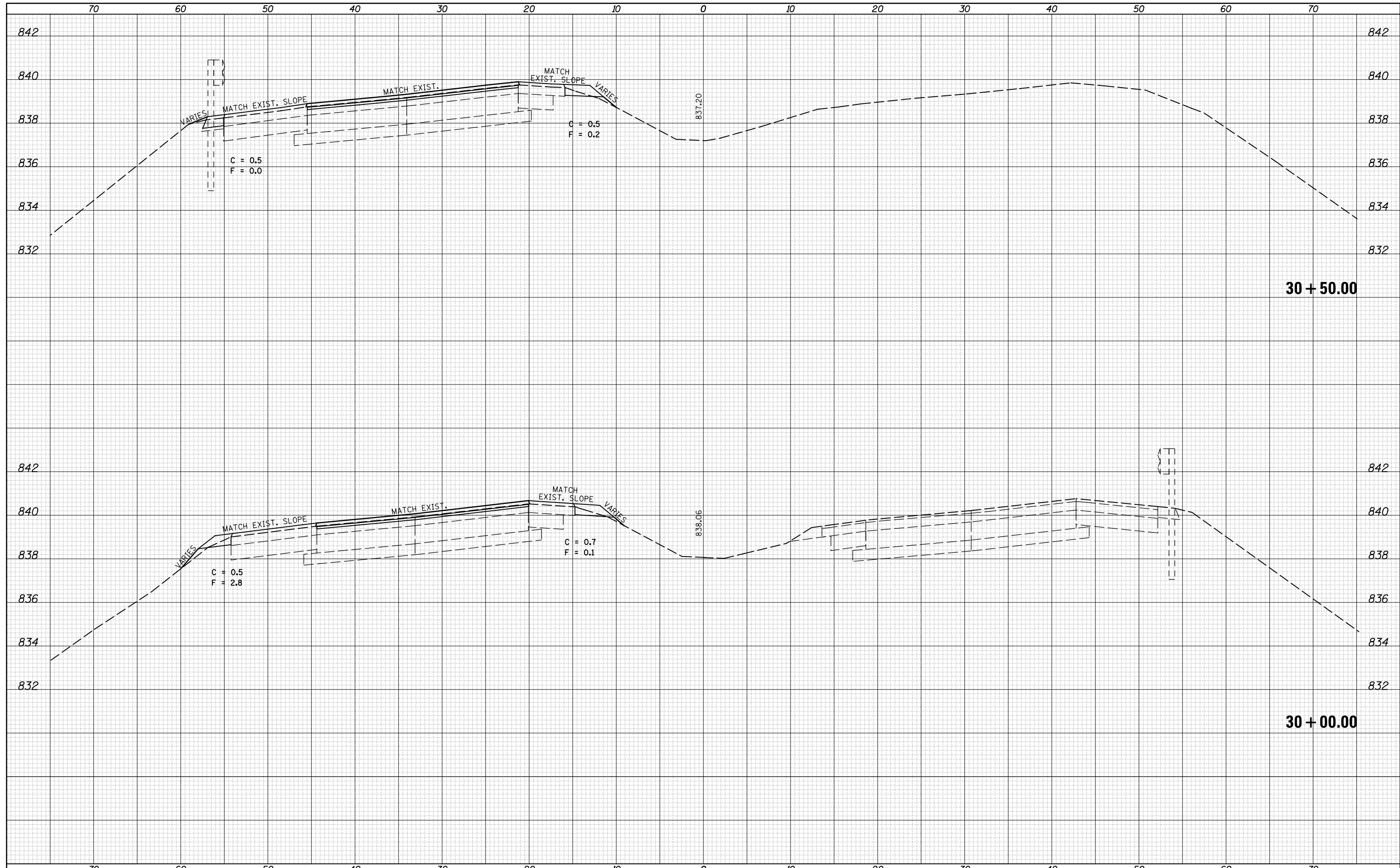
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwork\dodgms\d0267571\0570838-sh	XS_155BUS_South.dgn	DRAWN -	REVISED -			704	(57-7)RS-1&1RS-3	McLean	273	160
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70838				
MODELNAME	PLOT DATE = 6/11/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET 7 OF 38 SHEETS STA. 29+00.00 TO STA. 29+50.00				

DATE	
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FINISHED SURVEY	
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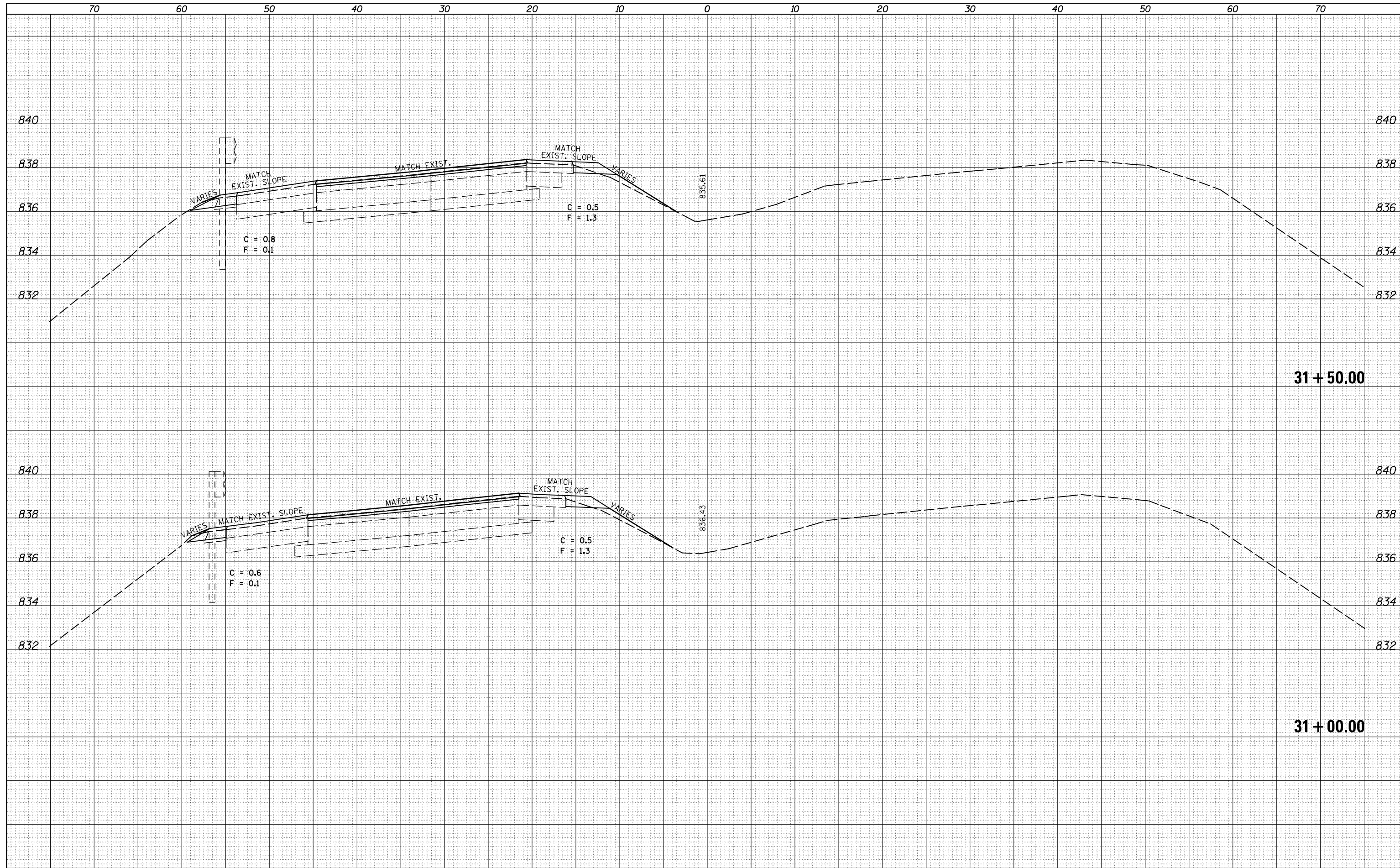
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwork\dodgms\d0267571\0570838-sh-XS_155BUS_South.dgn	PLT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -			704	(57-7)RS-1&1RS-3	McLean	273	161
MODELNAME	PLT DATE = 6/11/2014	CHECKED -	REVISED -			CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -			SCALE:	SHEET 8 OF 38 SHEETS	STA. 30+00.00 TO STA. 30+50.00		

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

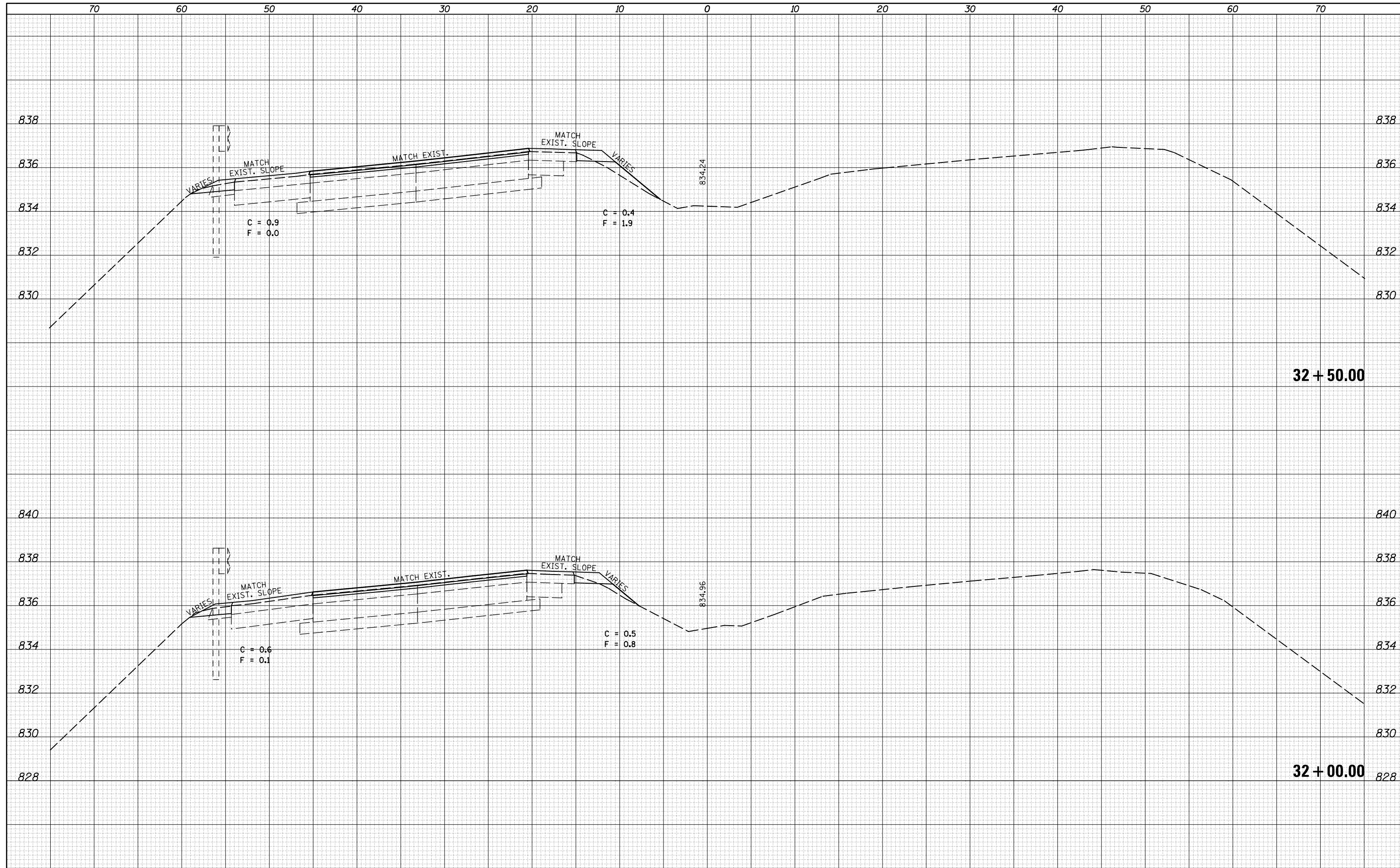
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwork\dodgms\d0267571\0570838-sh	XS_155BUS_South.dgn	DRAWN -	REVISED -			704	(57-7)RS-1&1RS-3	McLean	273	162
MODELNAME	PLOT DATE = 6/11/2014	CHECKED -	REVISED -			CONTRACT NO. 70838		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE:	SHEET 9 OF 38 SHEETS	STA. 31+00.00	TO STA. 31+50.00	

DATE	
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FINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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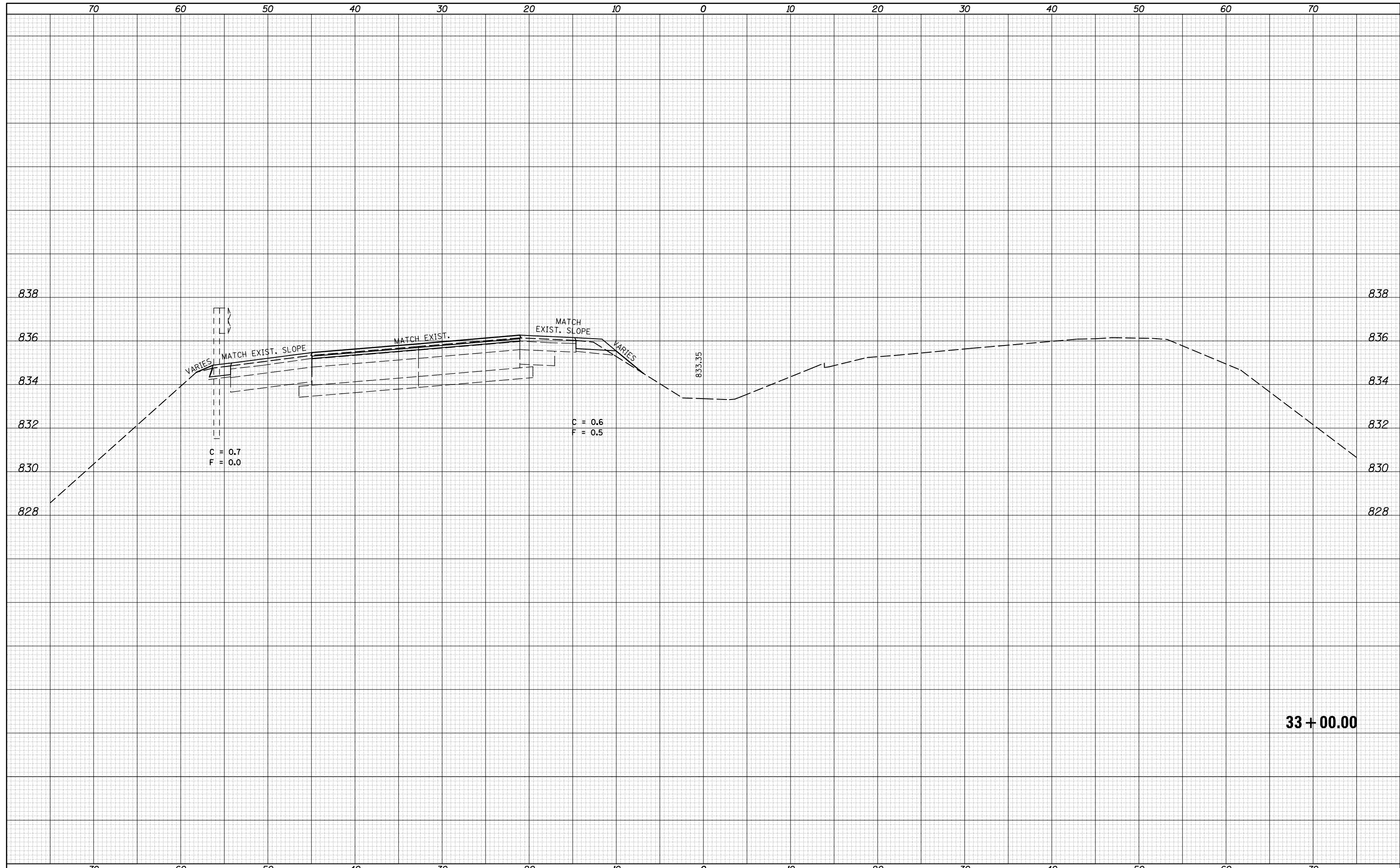
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NOTE BOOK	
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISSED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\dodgms\d0267571\0570838-sh-XS_155BUS_South.dgn	DESIGNED -	REVISSED -	704			(57-7)RS-1&1RS-3	McLean	273	163	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISSED -	CONTRACT NO. 70838							
PLOT DATE = 6/11/2014	DATE -	REVISSED -	ILLINOIS FED. AID PROJECT							
SCALE:		SHEET 10 OF 38 SHEETS		STA. 32+00.00 TO STA. 32+50.00						

DATE	
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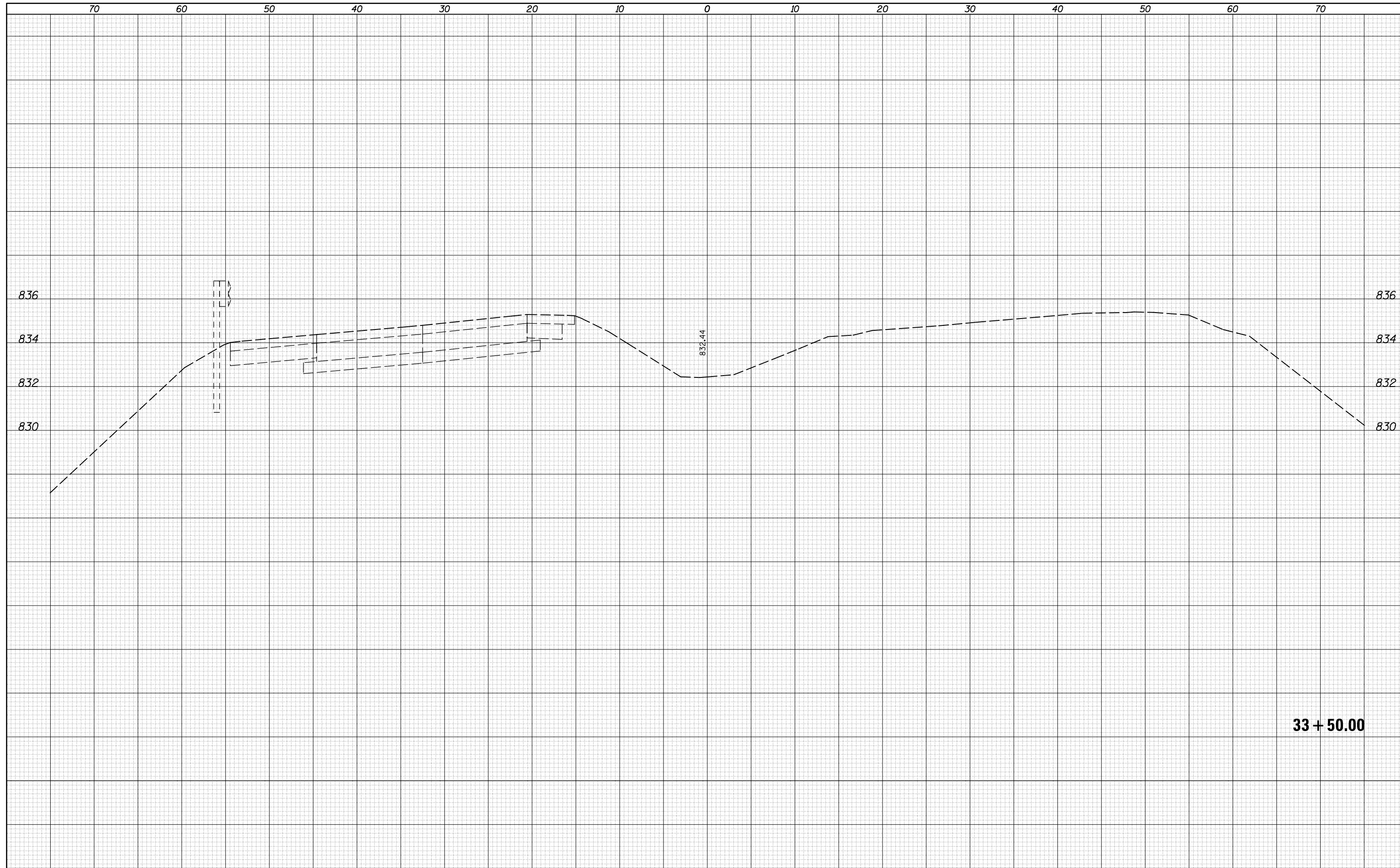
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEET FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwork\dodgms\d0267571\0570838-sh	XS_155BUS_South.dgn	DRAWN -	REVISED -			704	(57-7)RS-1&1RS-3	McLean	273	164
MODELNAME	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70838				
	PLOT DATE = 6/11/2014	DATE -	REVISED -			SCALE:	SHEET 11 OF 38 SHEETS	STA. 33+00.00 TO STA. 33+00.00	ILLINOIS FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS
	CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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FILE NAME = c:\pw_work\pwidth\dodgms\d0267571\0570838-sh-XS_155BUS_South.dgn

USER NAME = dodgms
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 6/11/2014

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

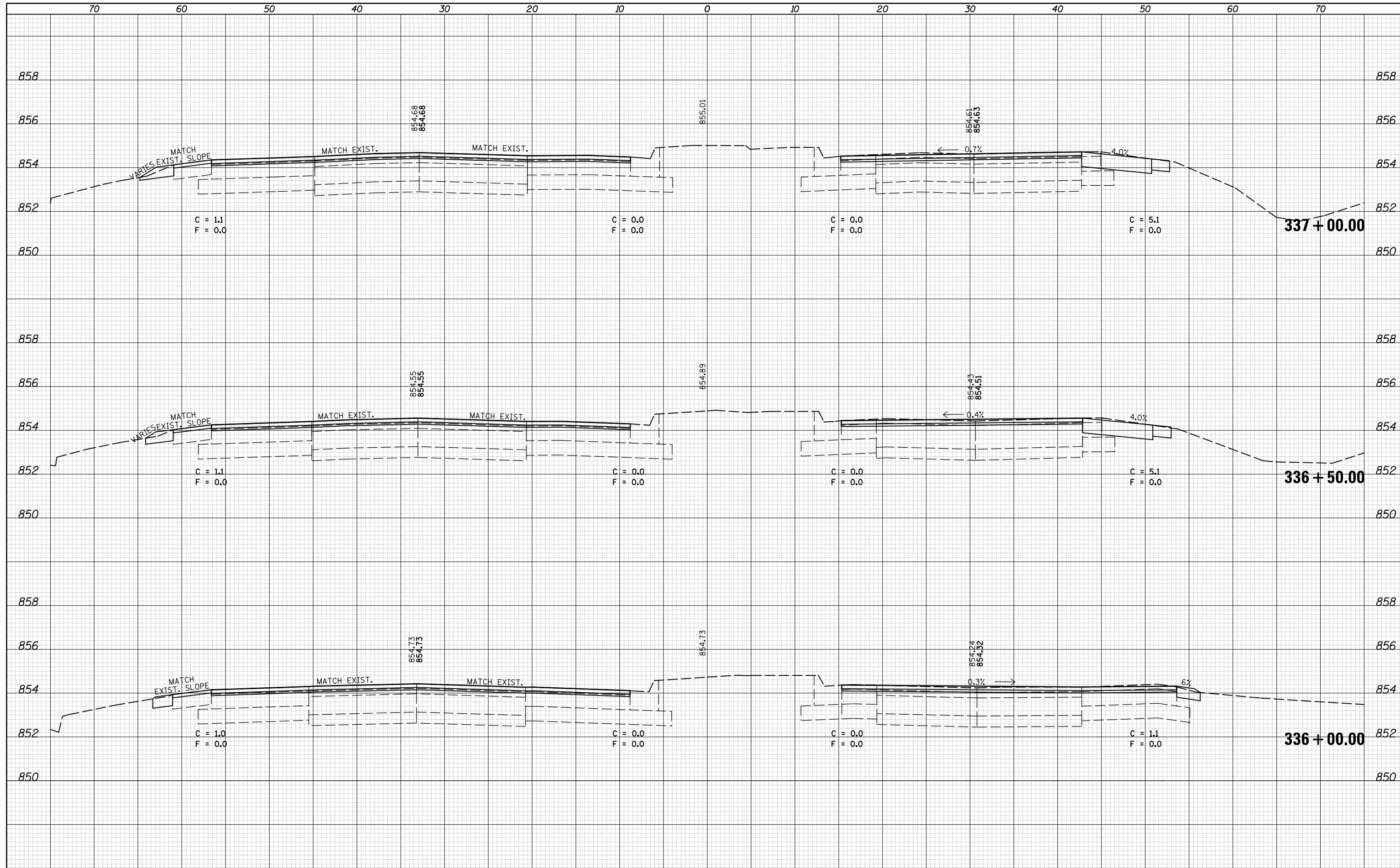
CROSS SECTION SHEET
FAP 704 (I-55 BUS)
 SCALE: SHEET 12 OF 38 SHEETS STA. 33+50.00 TO STA. 33+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	165
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

33 + 50.00

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\$MODELNAME\$	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

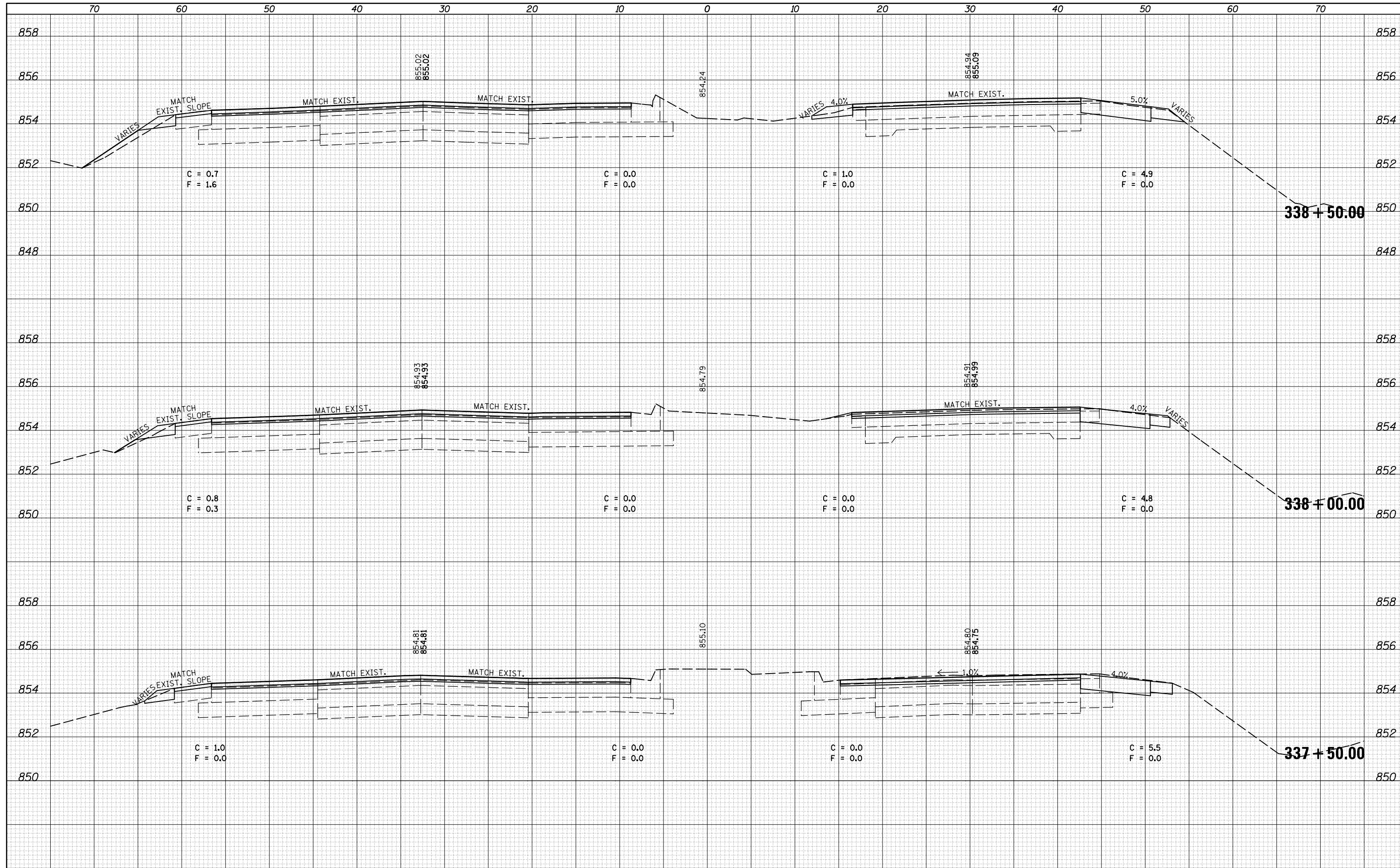
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 13 OF 38 SHEETS STA. 336+00.00 TO STA. 337+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	166
			CONTRACT NO.	70838
ILLINOIS FED. AID PROJECT				

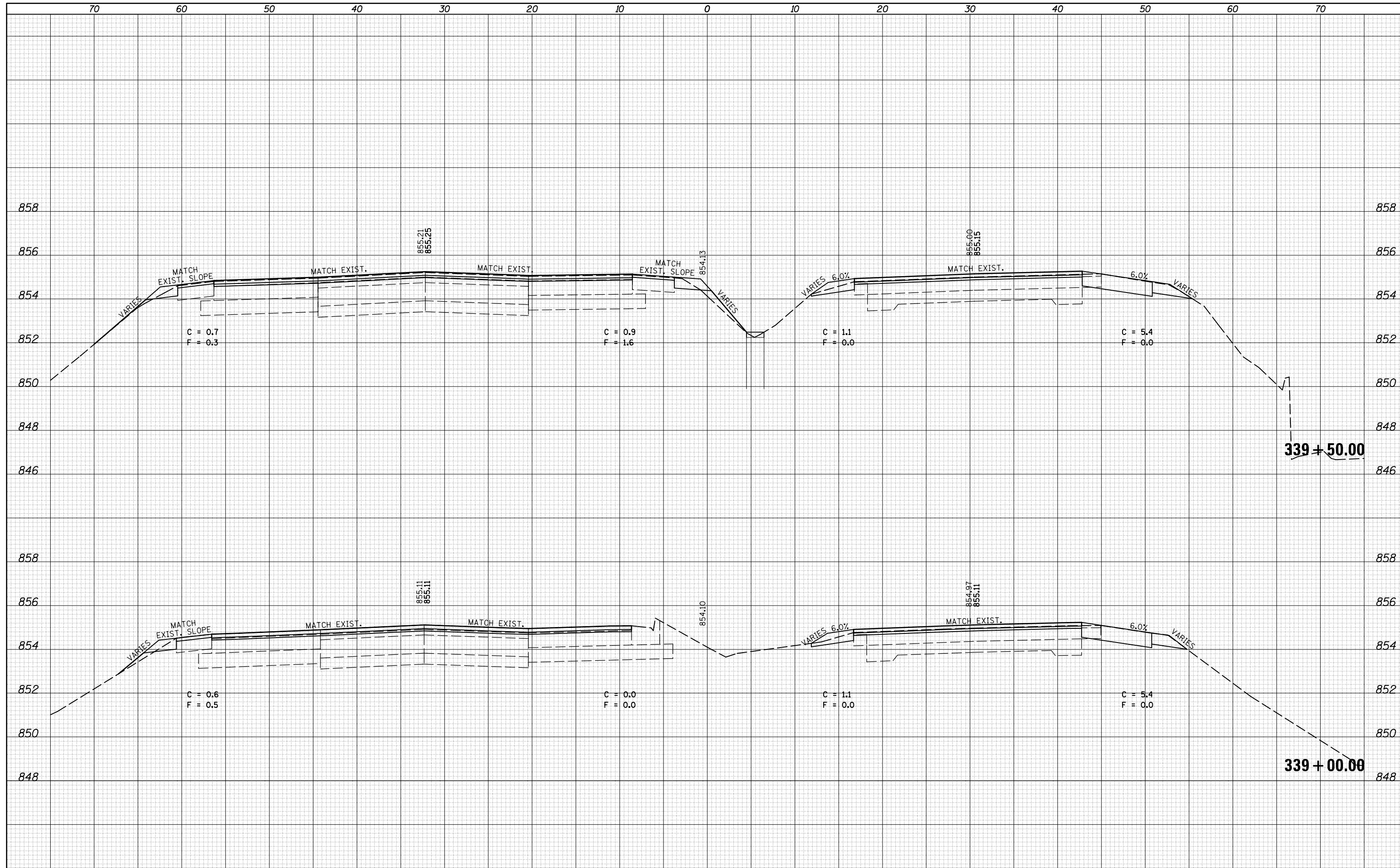
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NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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MODELNAME	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

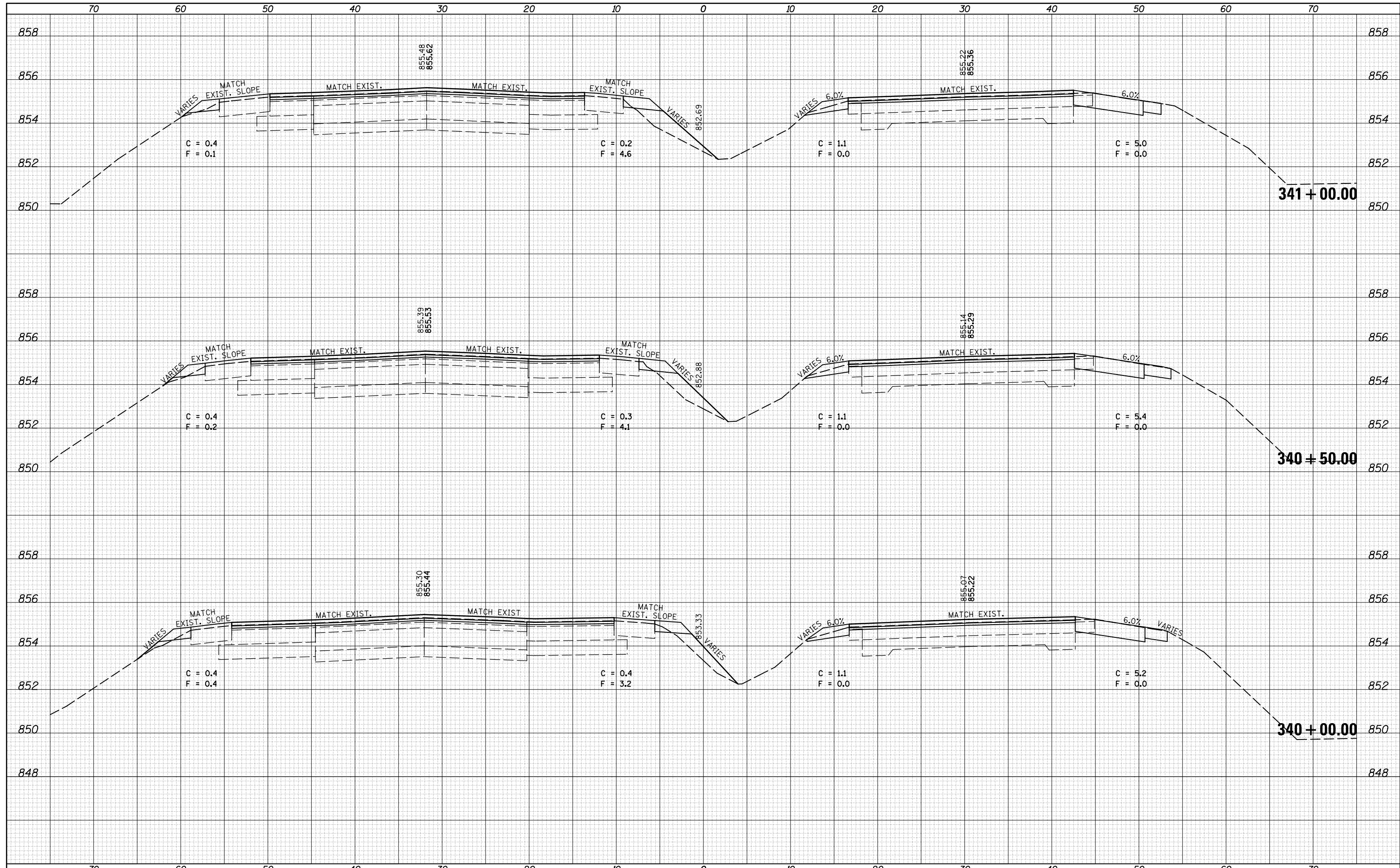
SCALE: SHEET 15 OF 38 SHEETS STA. 339+00.00 TO STA. 339+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	168
CONTRACT NO. 70838				

ILLINOIS FED. AID PROJECT

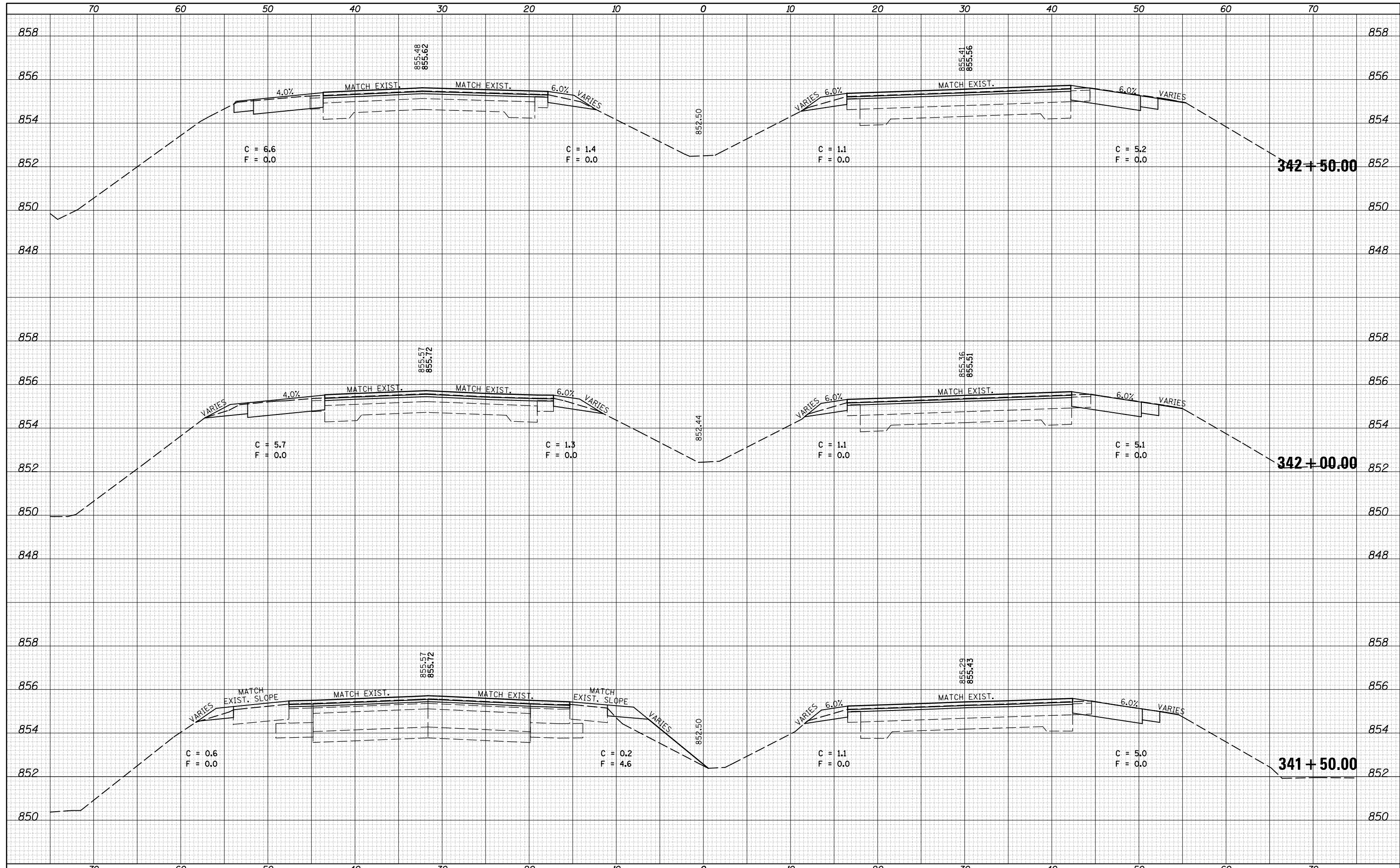
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DATE	
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NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

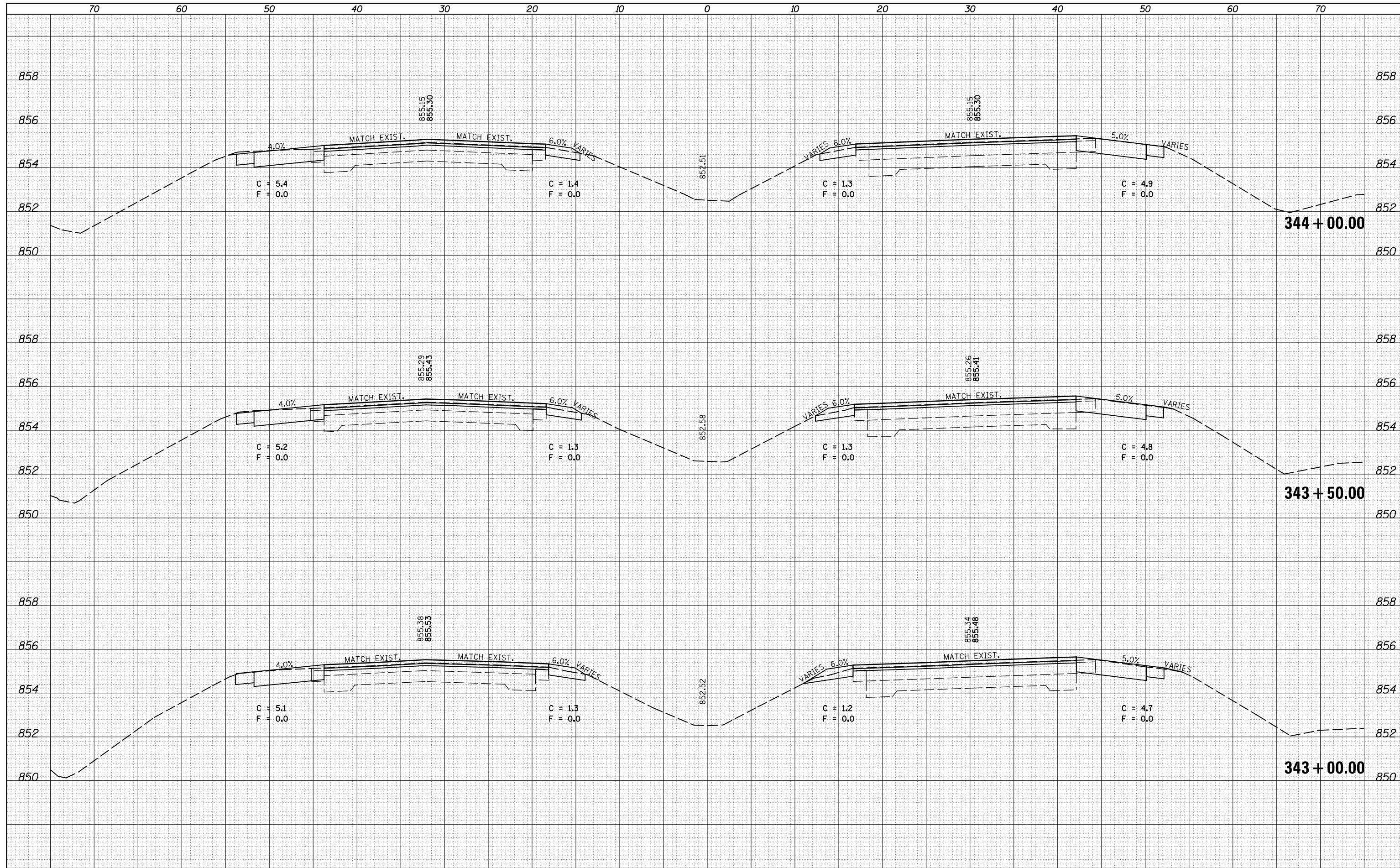
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 17 OF 38 SHEETS STA. 341+50.00 TO STA. 342+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	170
			CONTRACT NO.	70838
ILLINOIS FED. AID PROJECT				

DATE	
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
MODEL NAME =	PLOT SCALE = 10.0000' / 1"		
	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

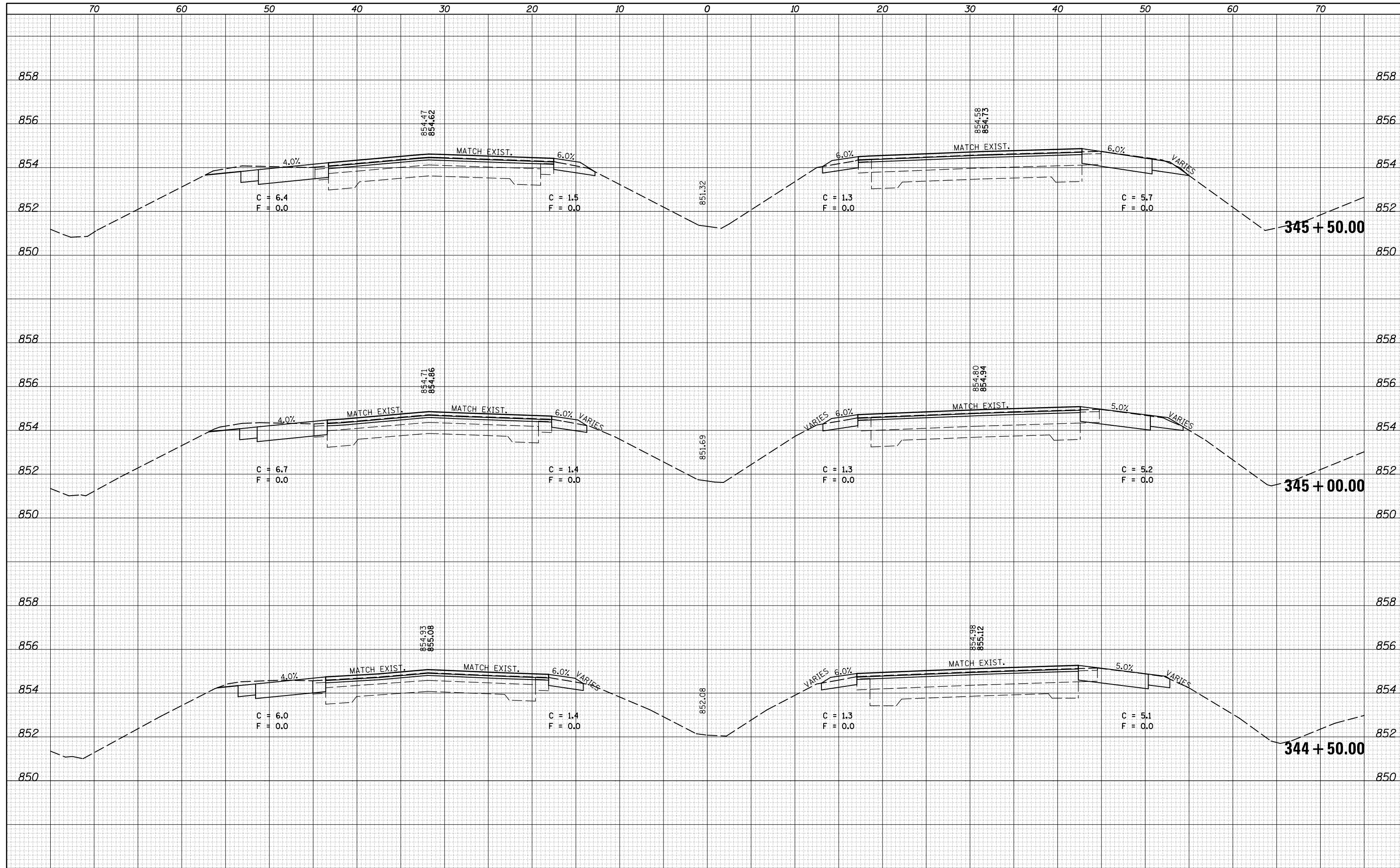
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 18 OF 38 SHEETS STA. 343+00.00 TO STA. 344+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	171
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY NO.	
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DATE	
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ORIGINAL SURVEY NO.	
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
MODELNAME*	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

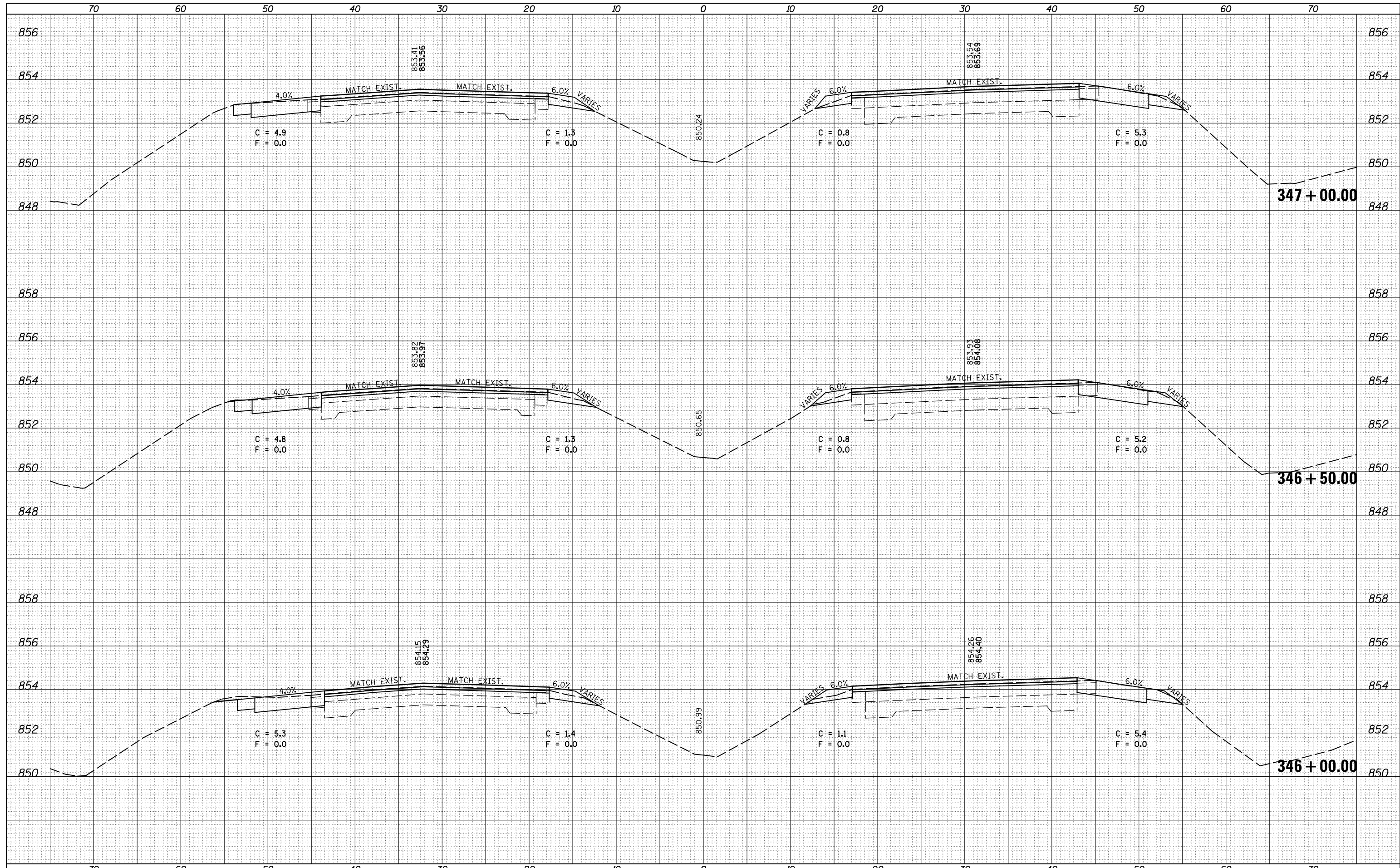
SCALE: SHEET 19 OF 38 SHEETS STA. 344+50.00 TO STA. 345+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	172
			CONTRACT NO. 70838	

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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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
c:\pwork\pwork\dodgms\d0267571\0570838-sh-XS_155BUS.dgn		DRAWN -	REVISED -
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MODELNAME	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

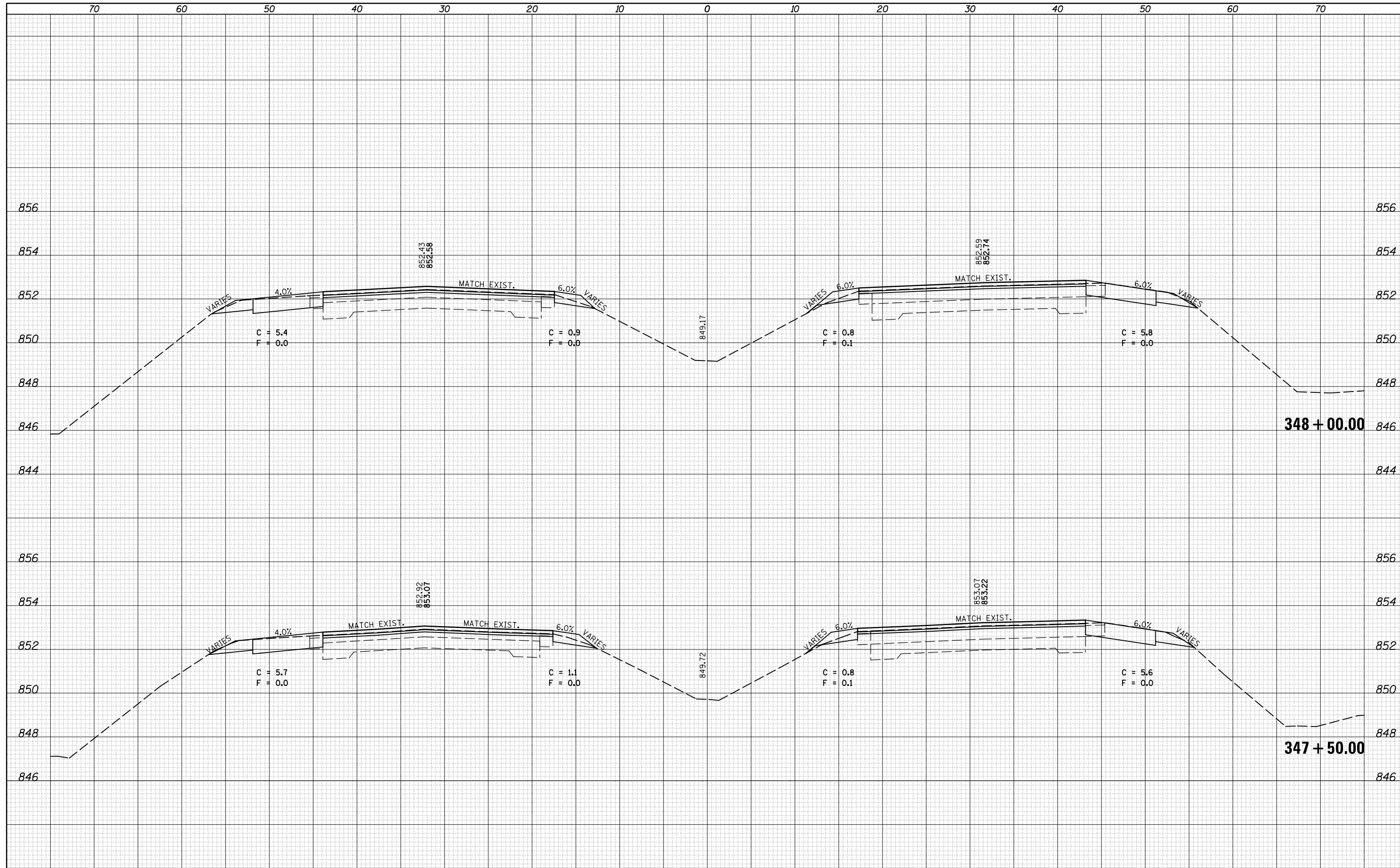
SCALE: SHEET 20 OF 38 SHEETS STA. 346+00.00 TO STA. 347+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	173
CONTRACT NO. 70838				

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

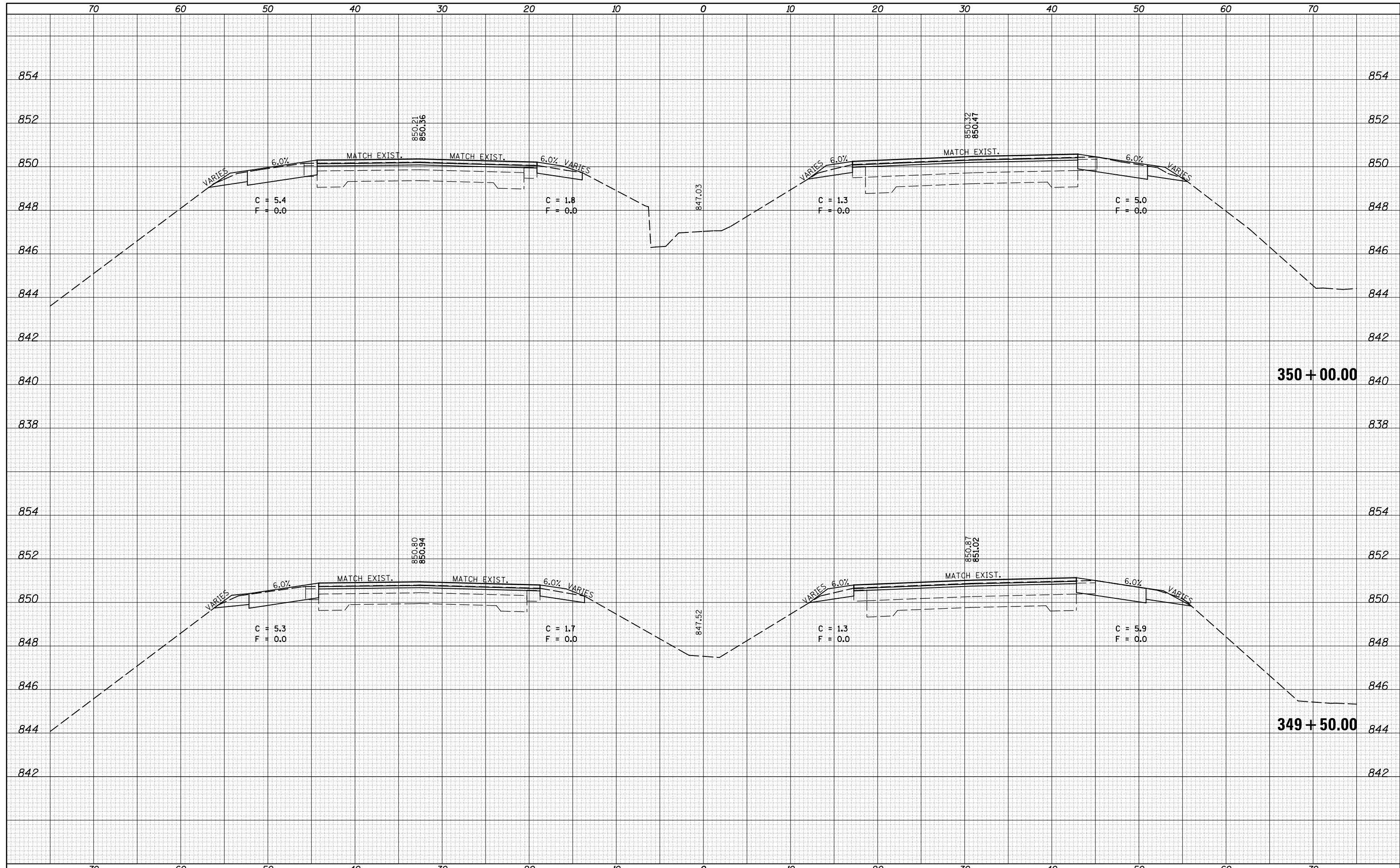
SCALE: SHEET 21 OF 38 SHEETS STA. 347+50.00 TO STA. 348+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	174
CONTRACT NO. 70838				

ILLINOIS FED. AID PROJECT

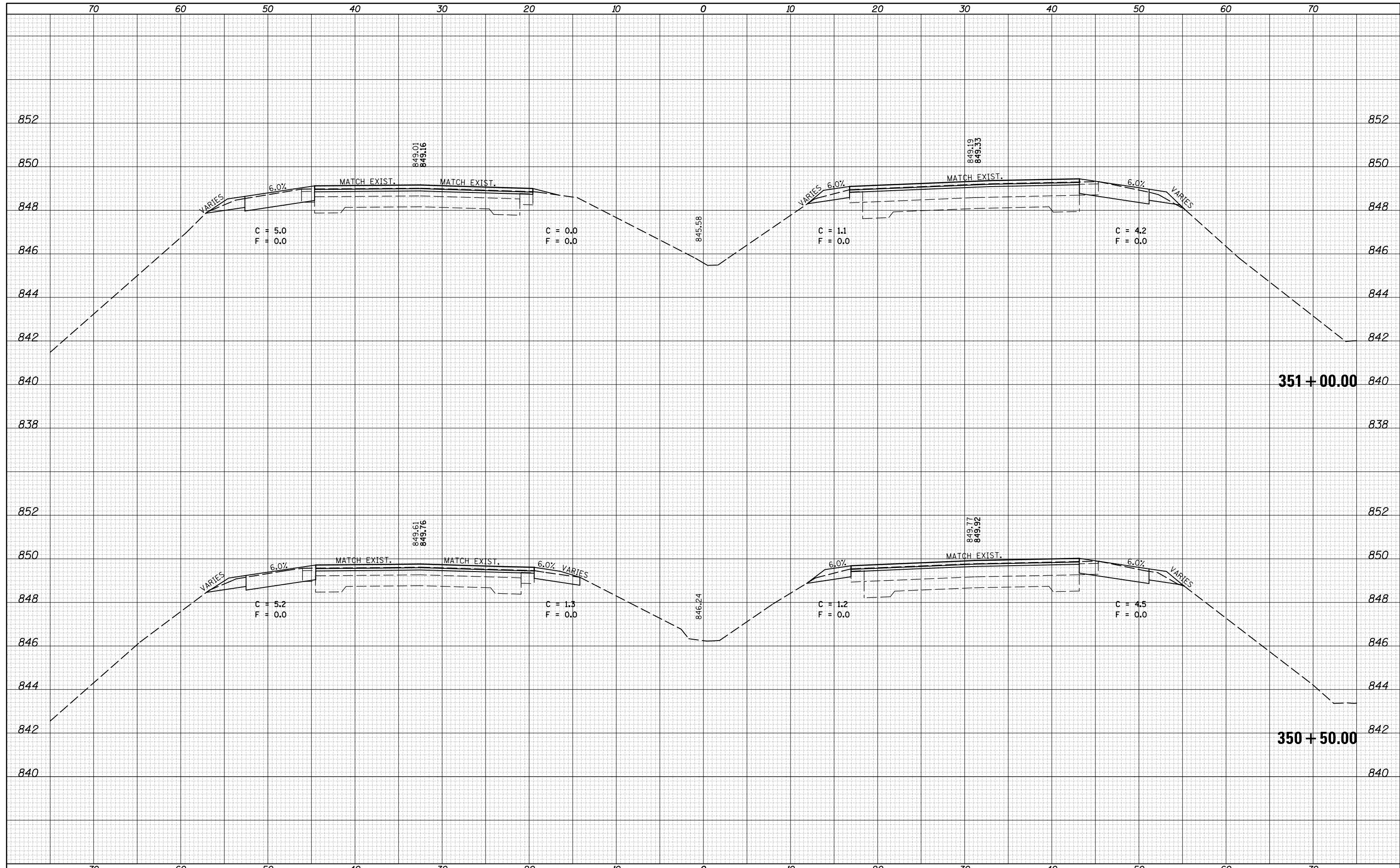
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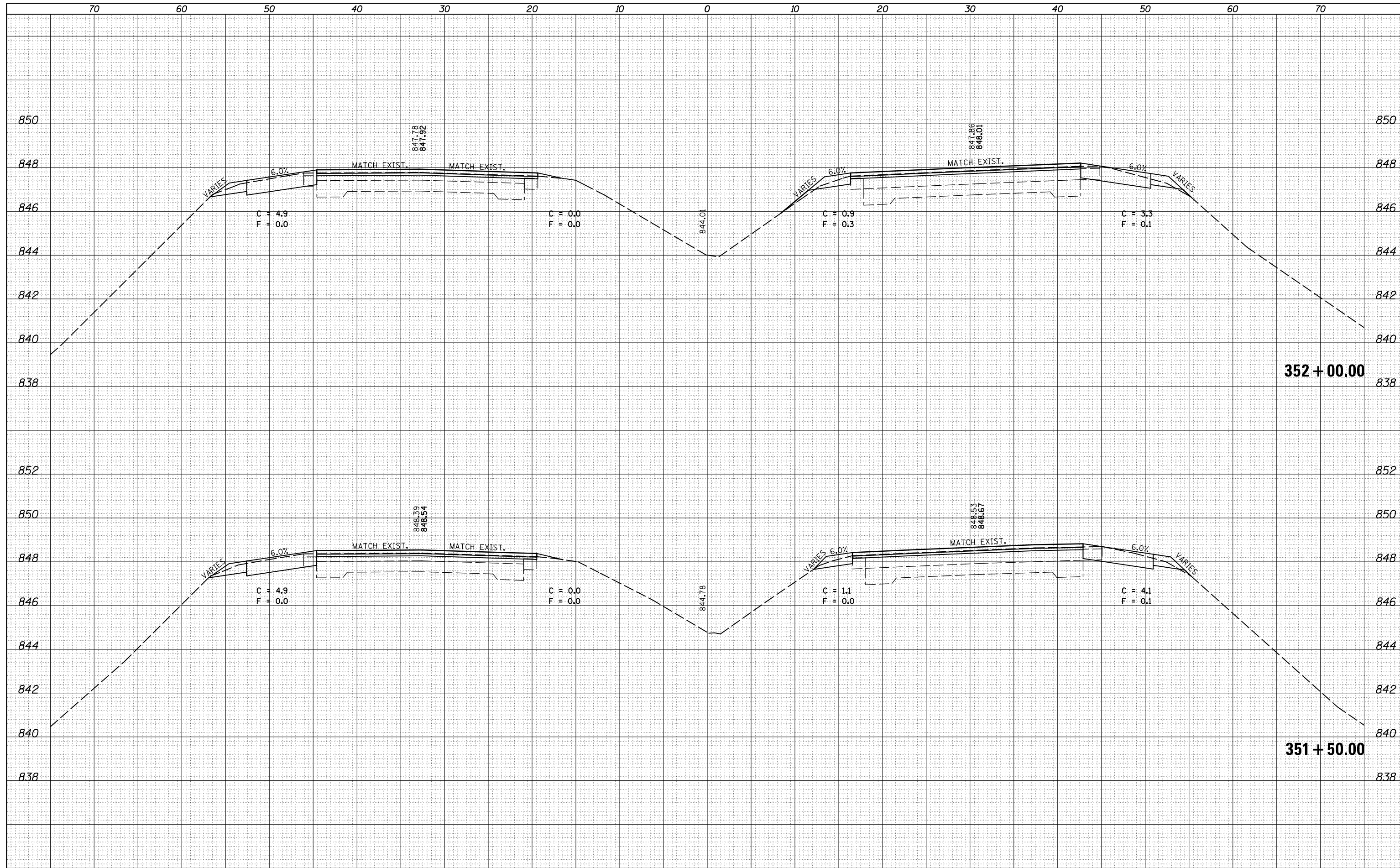
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
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	PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 6/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

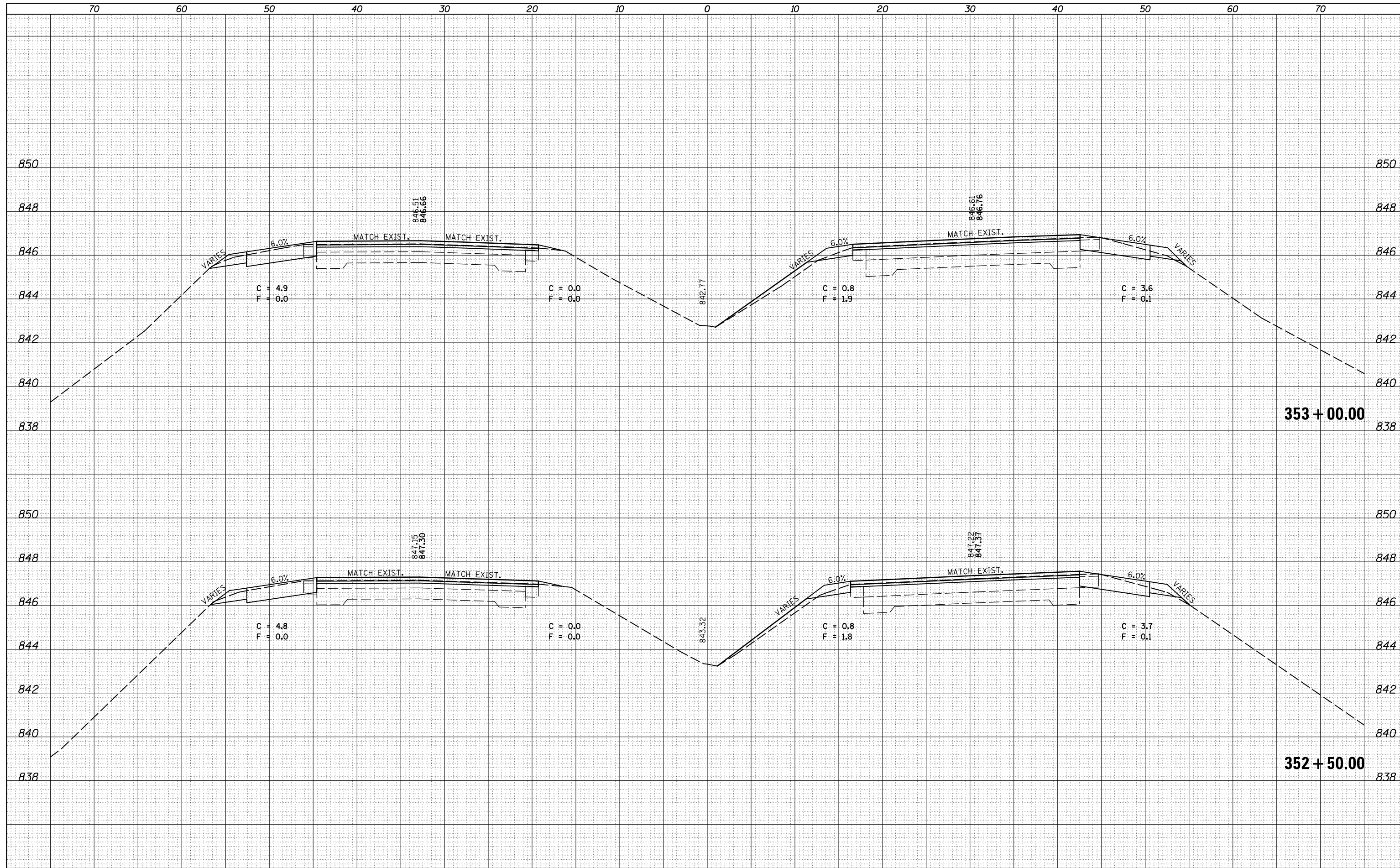
SCALE: SHEET 25 OF 38 SHEETS STA. 351+50.00 TO STA. 352+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	178
CONTRACT NO. 70838				

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

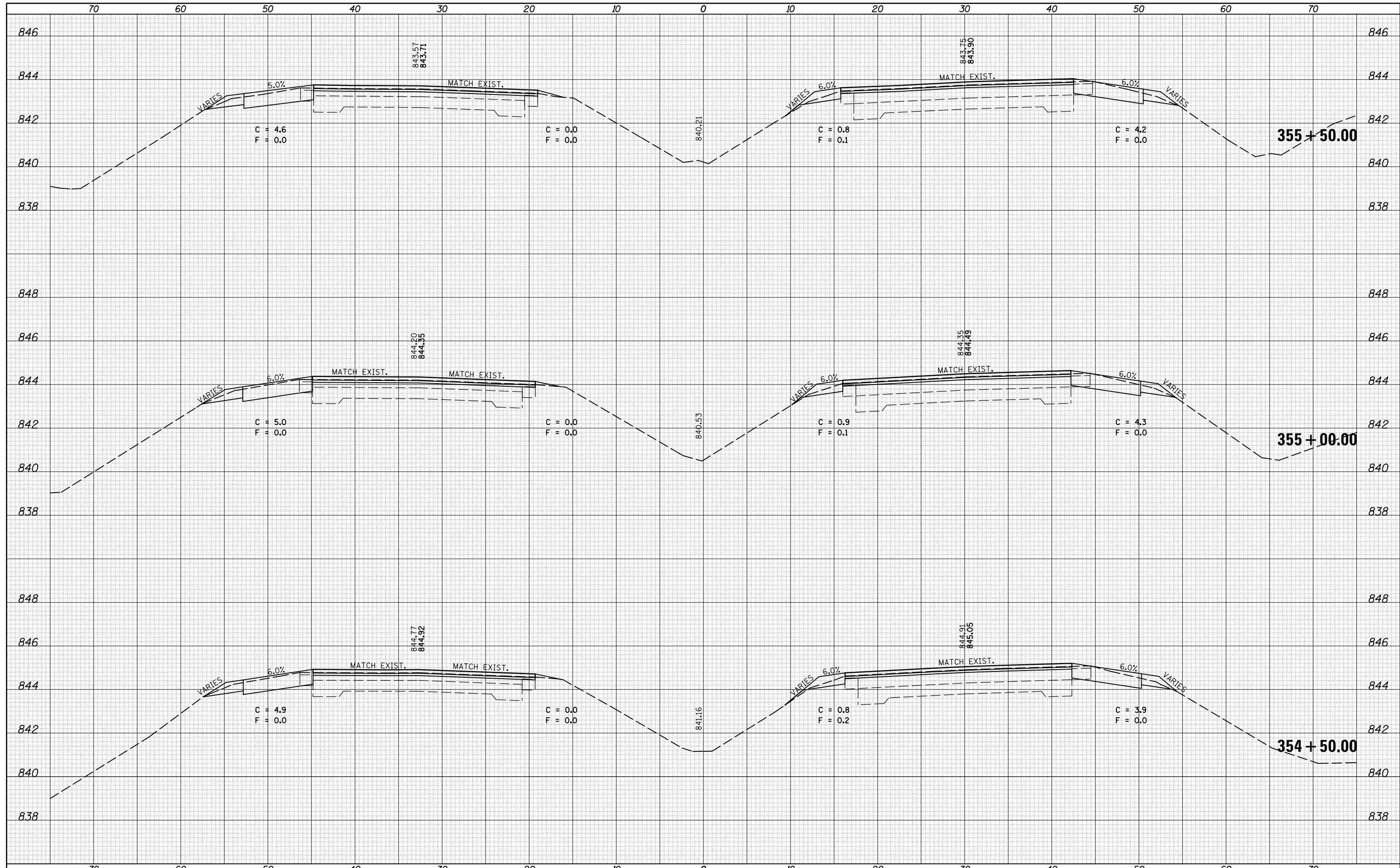
SCALE: SHEET 26 OF 38 SHEETS STA. 352+50.00 TO STA. 353+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	179
CONTRACT NO. 70838				

ILLINOIS FED. AID PROJECT

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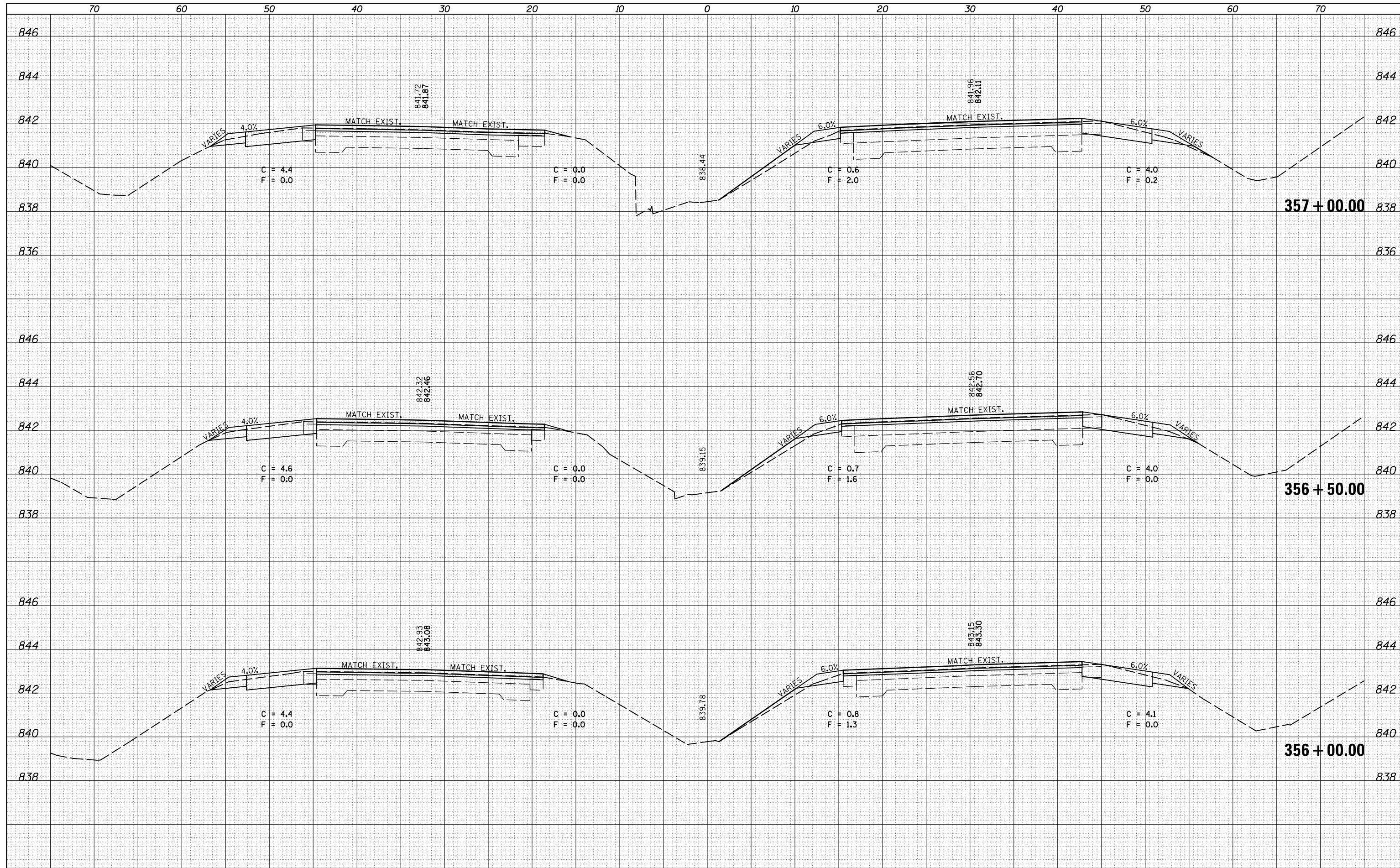
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEETS FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\p\dot\dodgms\d0267571\0570838-sh-XS_155BUS.dgn	DESIGNED -	REVISED -	704			(57-7RS-1&1RS-3	McLean	273	181	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70838							
DATE = 6/11/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
MODELNAME				SCALE:	SHEET 28 OF 38 SHEETS	STA. 354+50.00	TO STA. 355+50.00			

DATE	
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NOTE BOOK	
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISIED -
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MODELNAME =	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

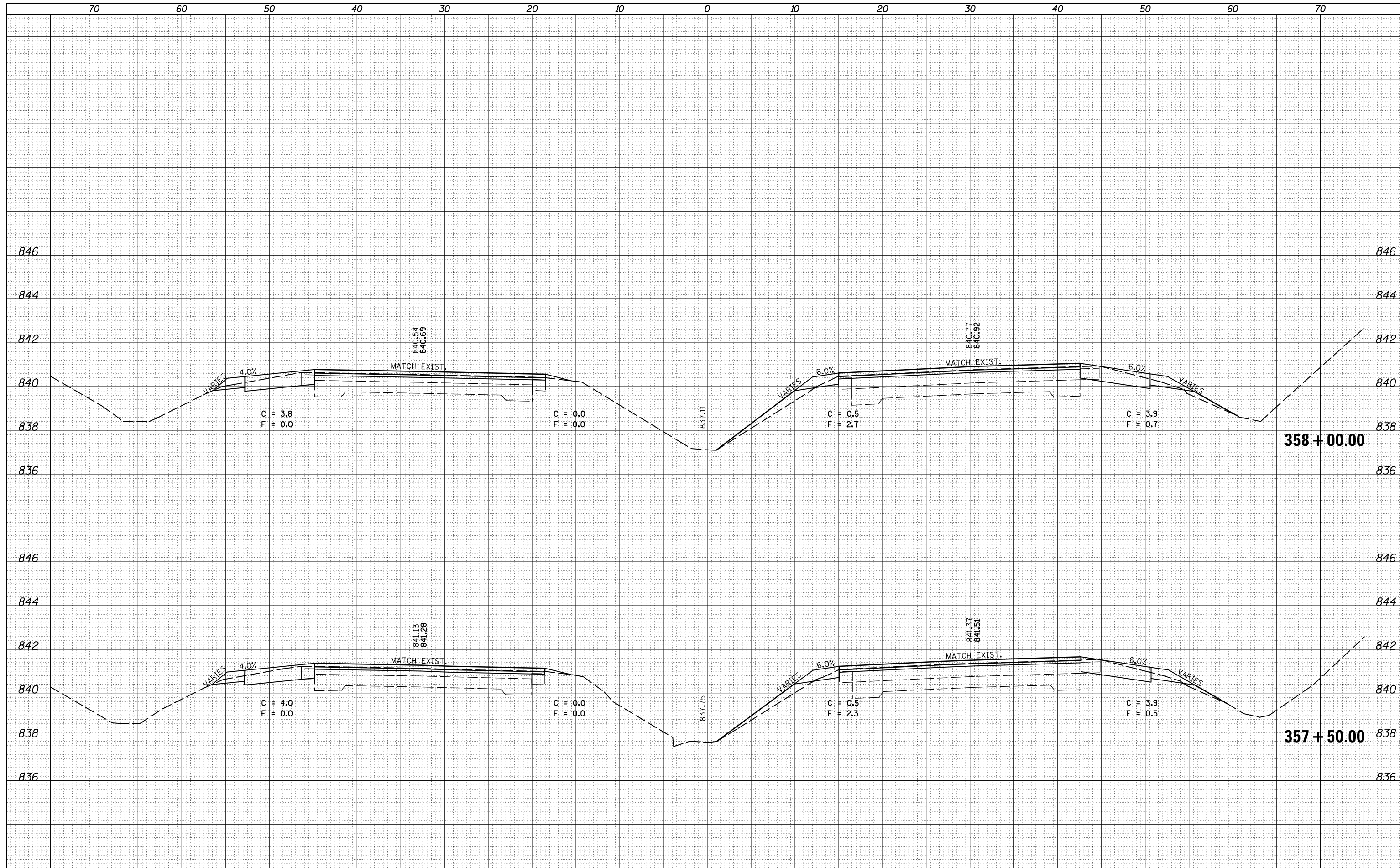
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 29 OF 38 SHEETS STA. 356+00.00 TO STA. 357+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	182
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

DATE	
BY	
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SURVEYED	
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISIED -
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MODELNAME	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

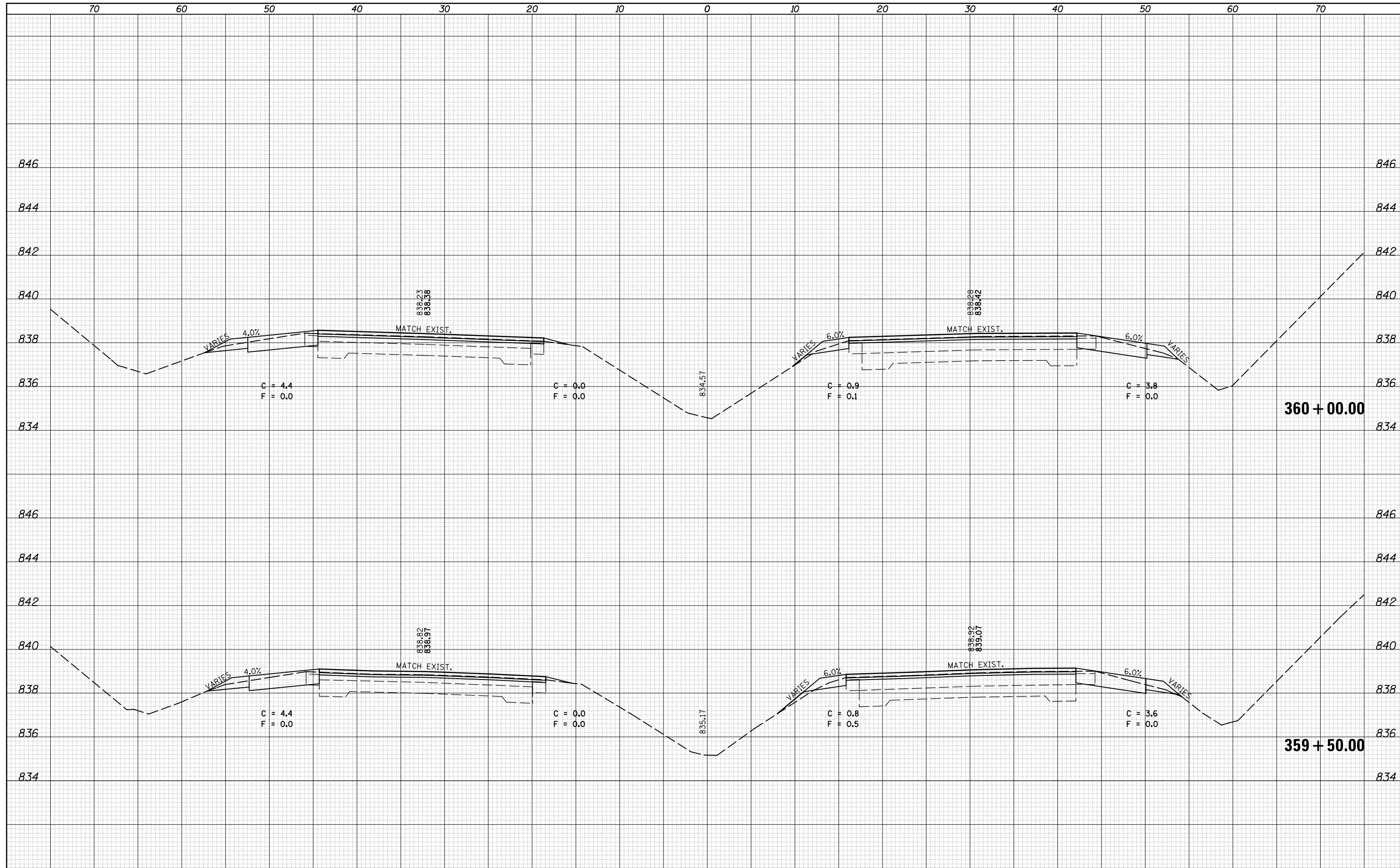
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 30 OF 38 SHEETS STA. 357+50.00 TO STA. 358+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	183
			CONTRACT NO. 70838	
ILLINOIS FED. AID PROJECT				

DATE	
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
c:\pw_work\pwork\dodgems\d0267571\0570838-sh-XS_155BUS.dgn		DRAWN -	REVISED -
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		DATE -	REVISED -
MODELNAME	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

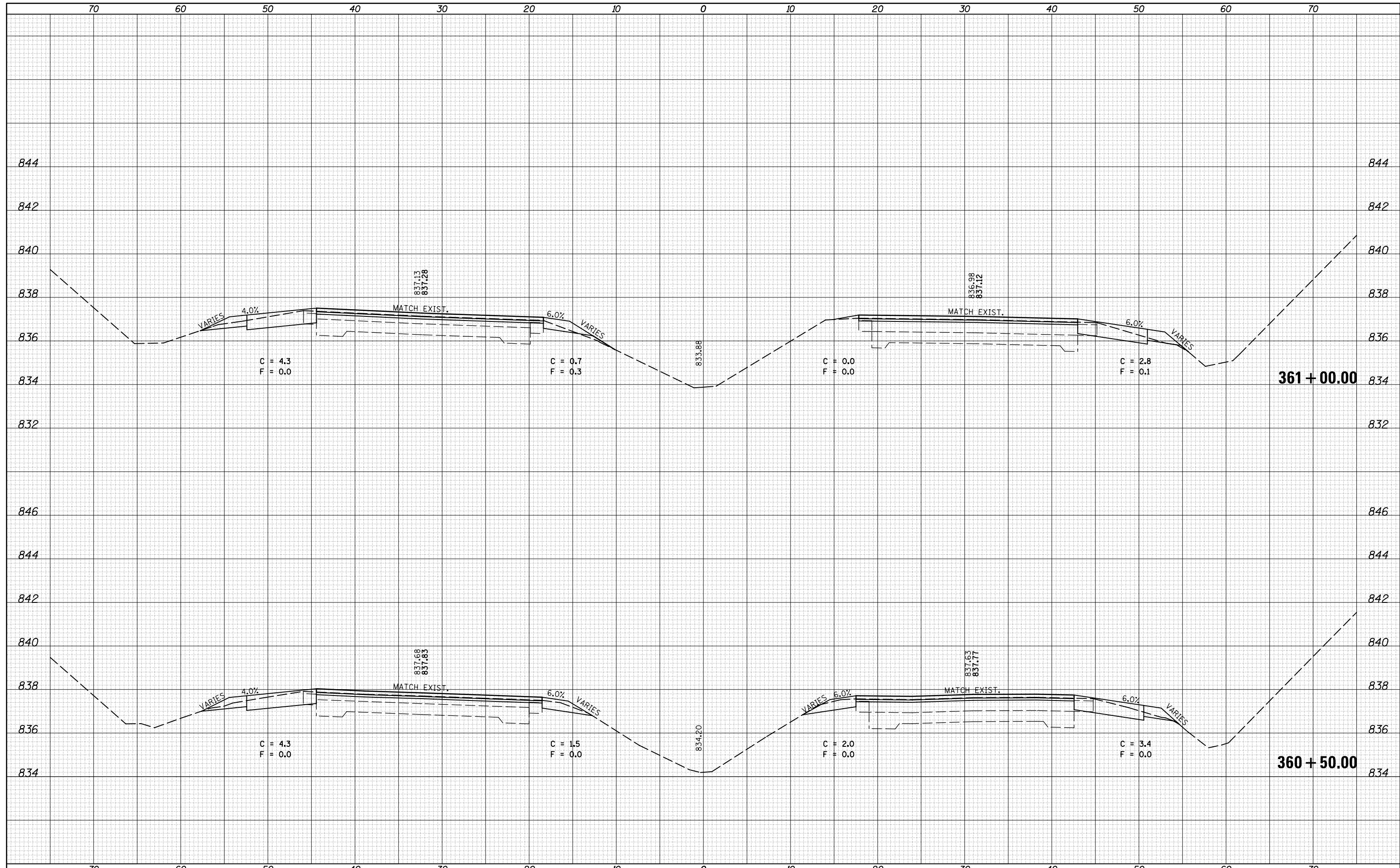
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 32 OF 38 SHEETS STA. 359+50.00 TO STA. 360+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	185
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

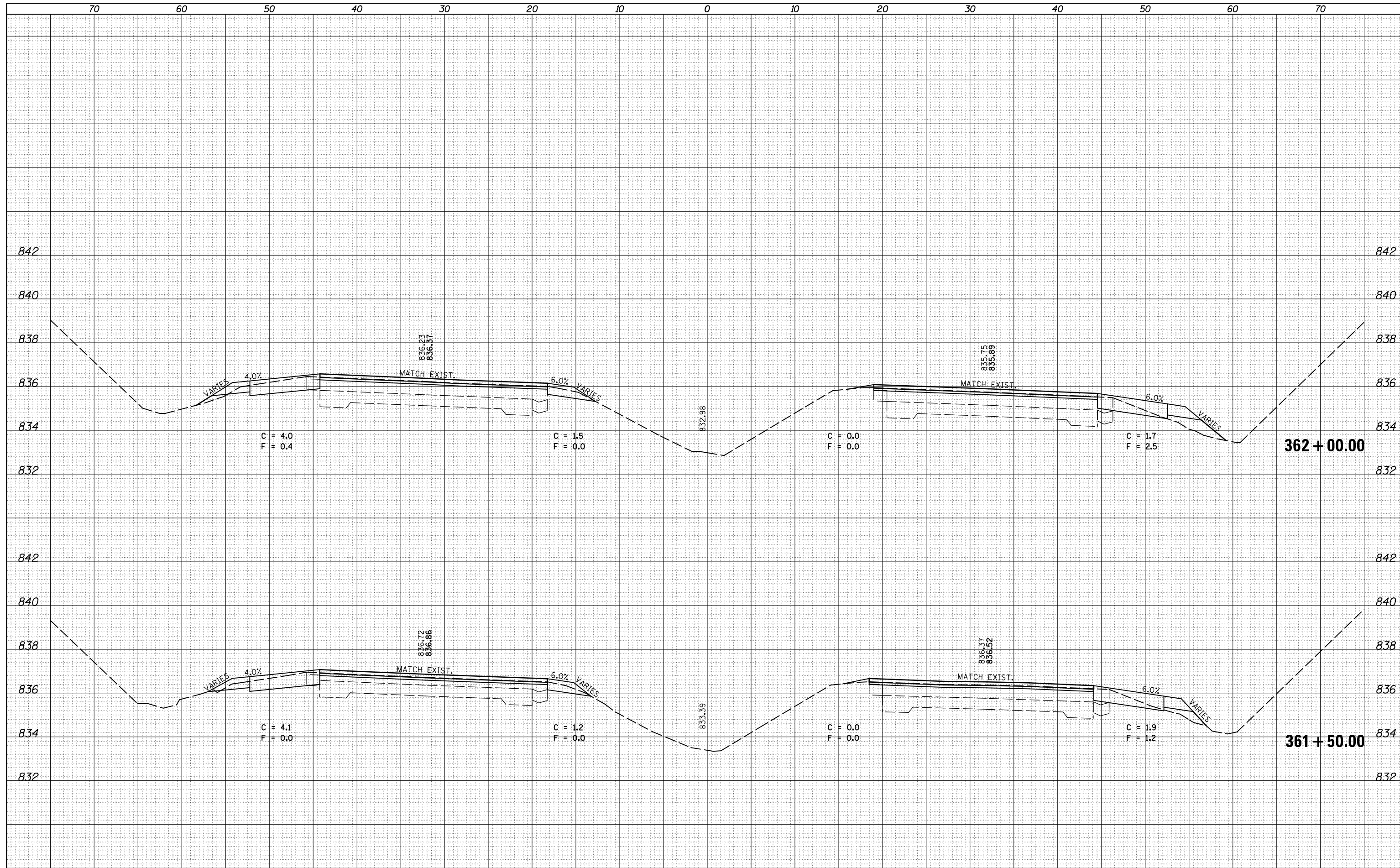
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 33 OF 38 SHEETS STA. 360+50.00 TO STA. 361+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	186
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISIED -
c:\pw_work\pwork\dodgems\d0267571\0570838-sh-XS_155BUS.dgn		DRAWN -	REVISIED -
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		DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

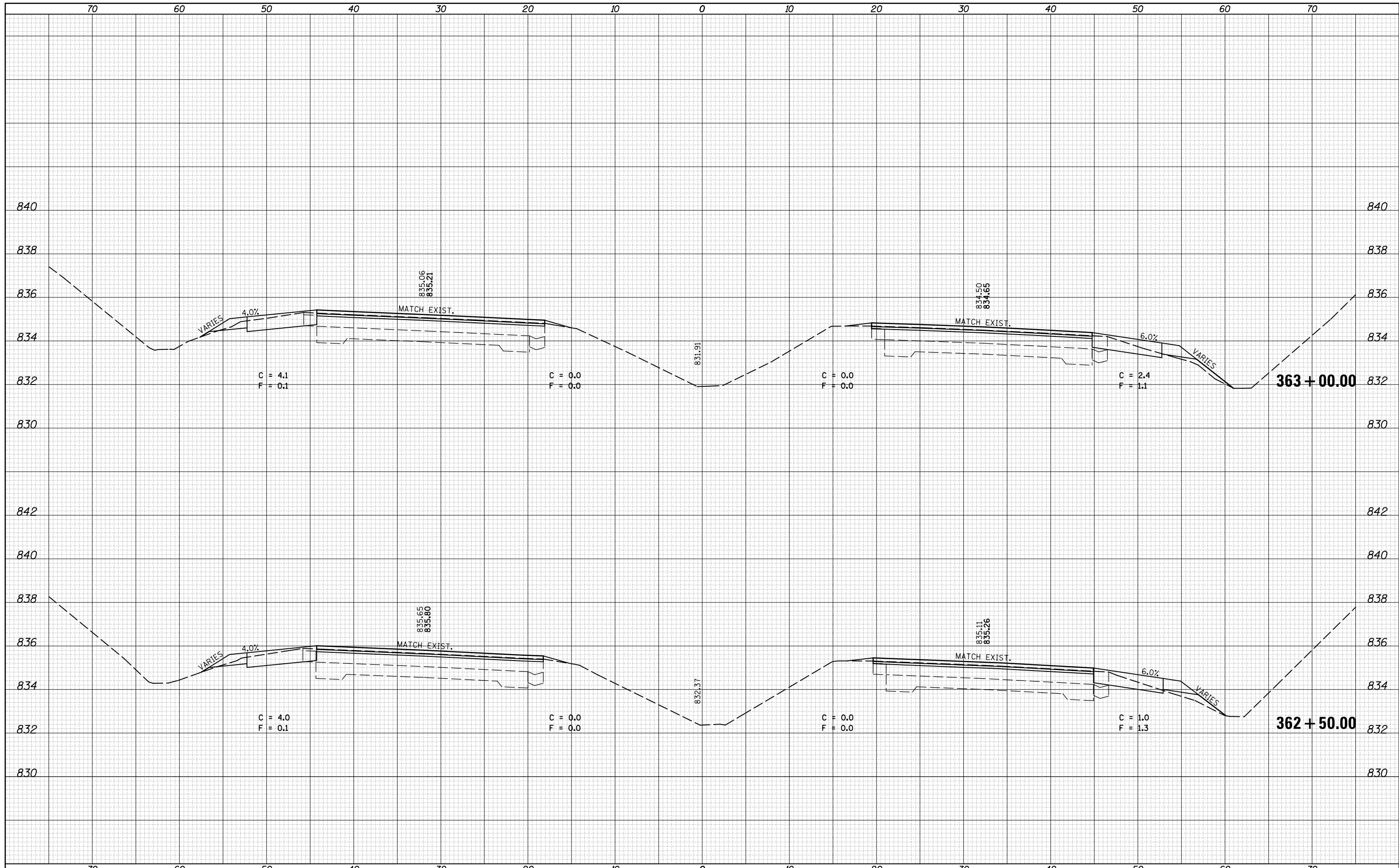
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 34 OF 38 SHEETS STA. 361+50.00 TO STA. 362+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	187
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISD -
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	PLOT DATE = 6/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

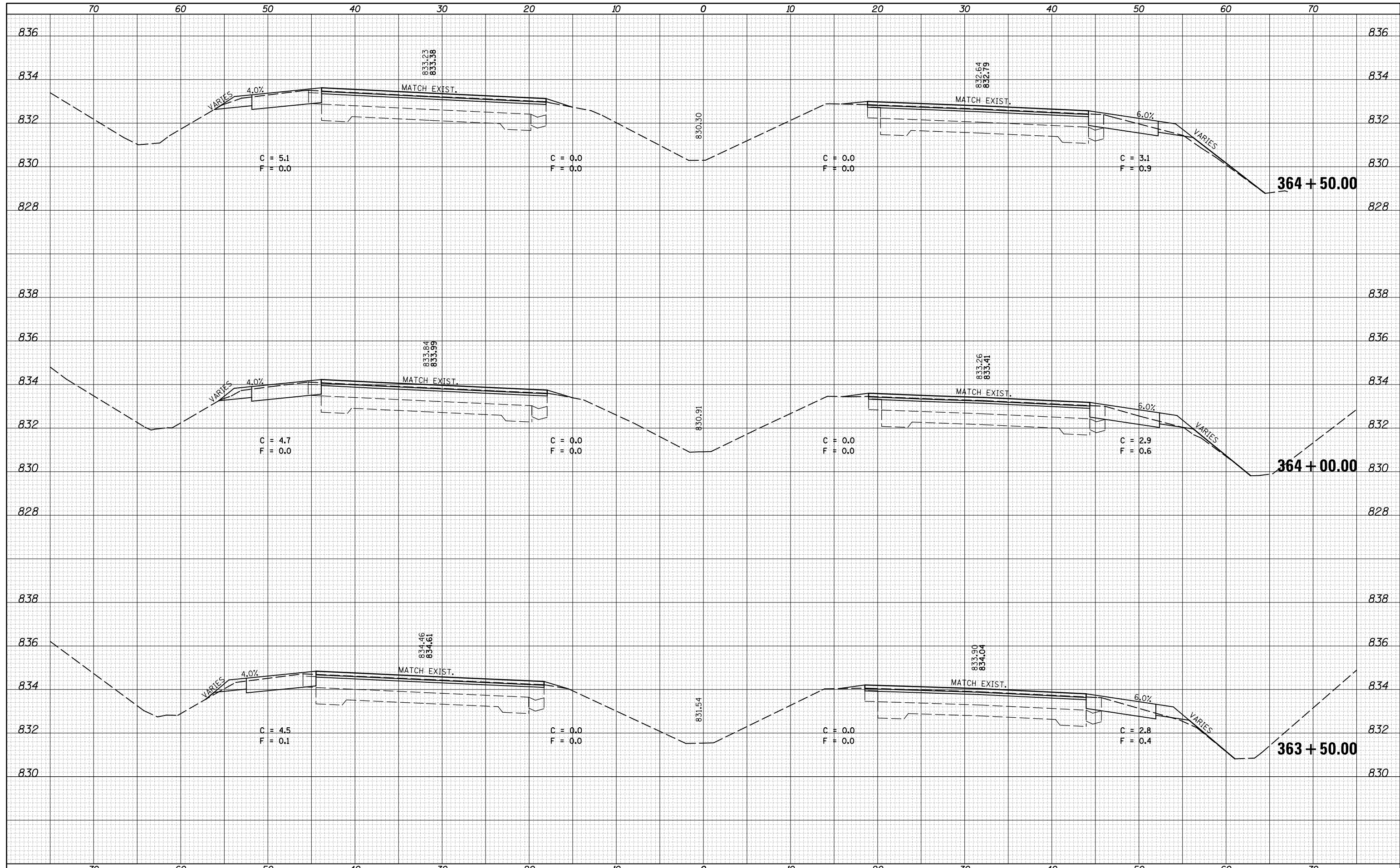
**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

SCALE: SHEET 35 OF 38 SHEETS STA. 362+50.00 TO STA. 363+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1&1RS-3	McLean	273	188
CONTRACT NO. 70838			ILLINOIS FED. AID PROJECT	

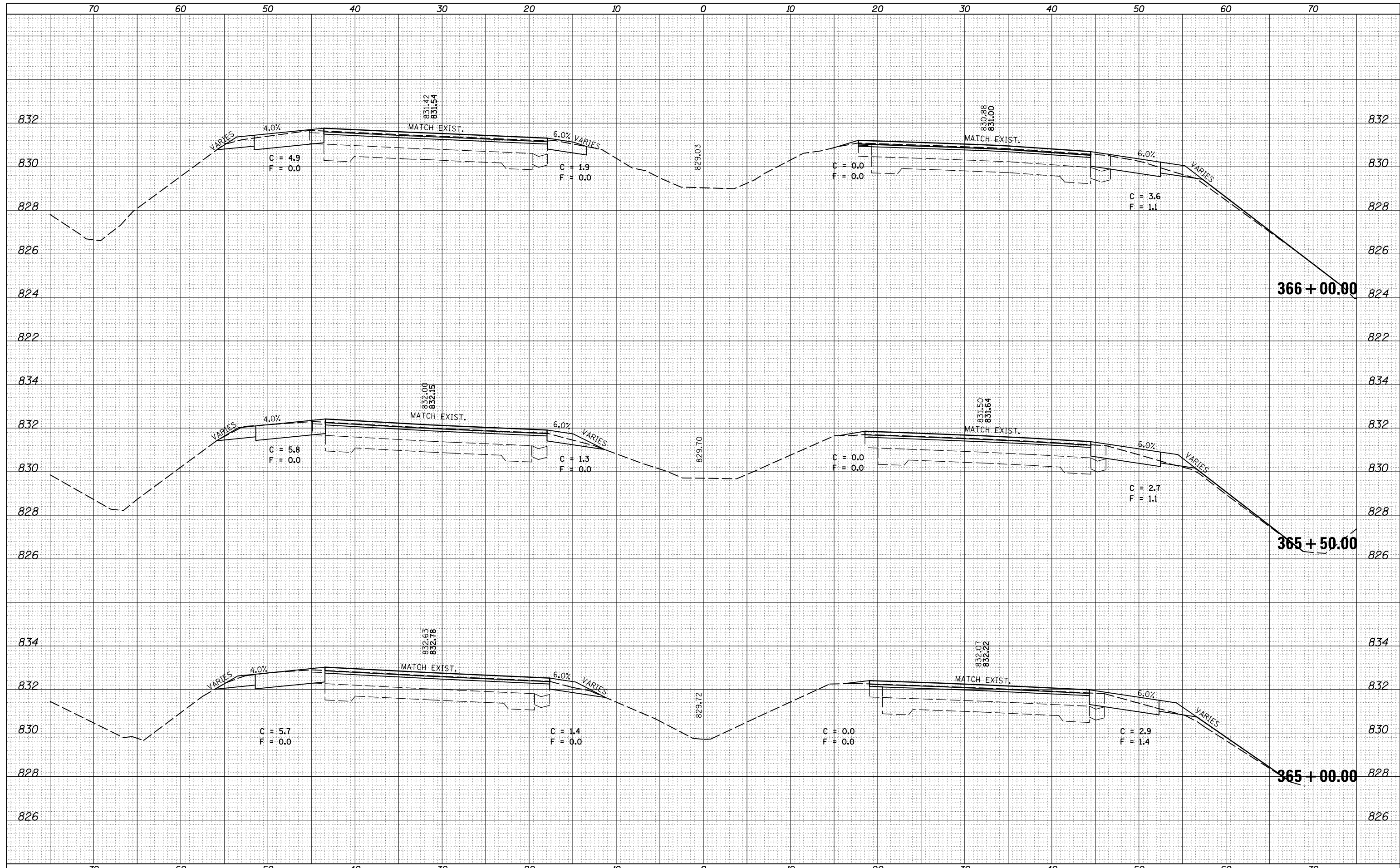
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FINAL SURVEY	SURVEYED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



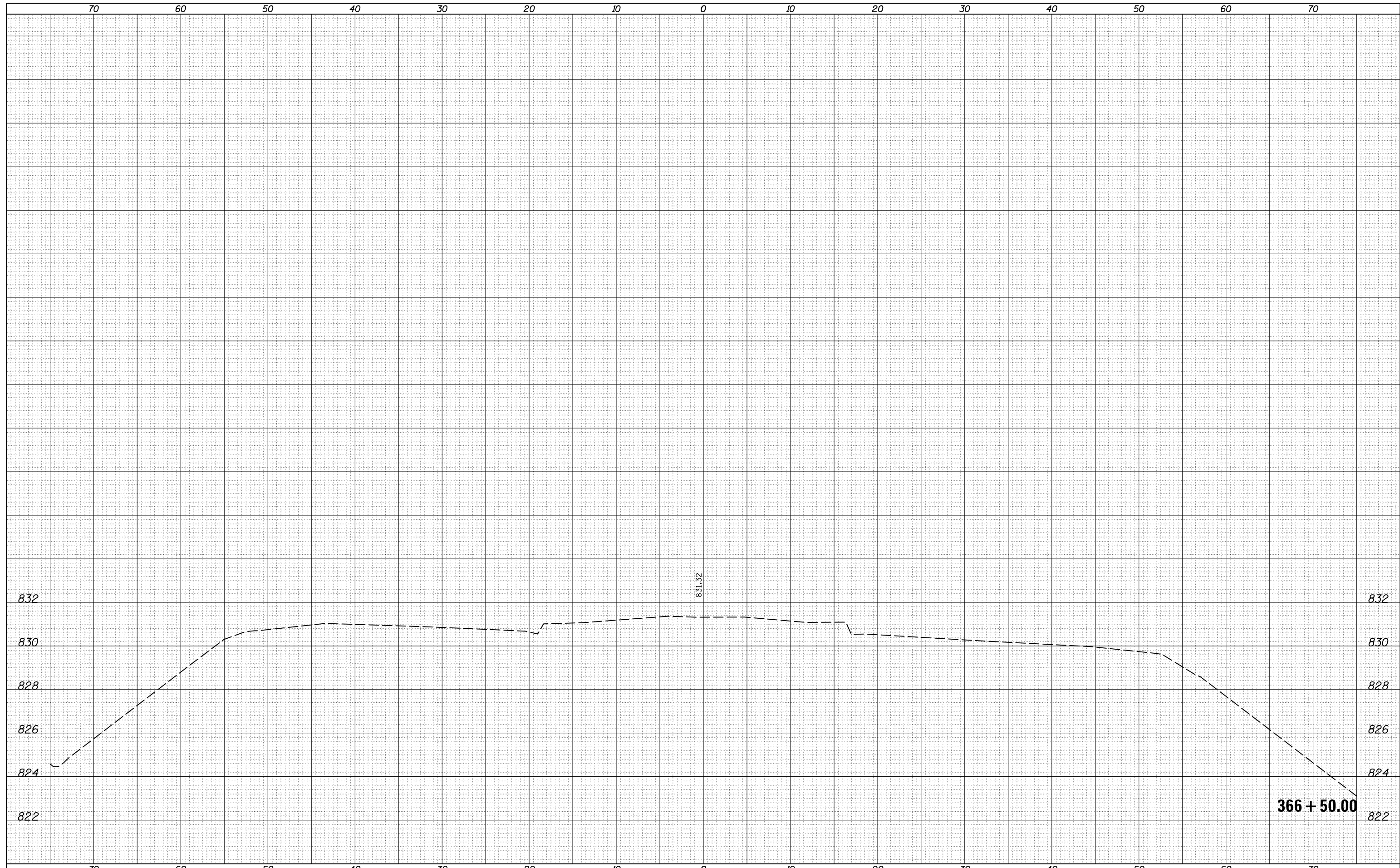
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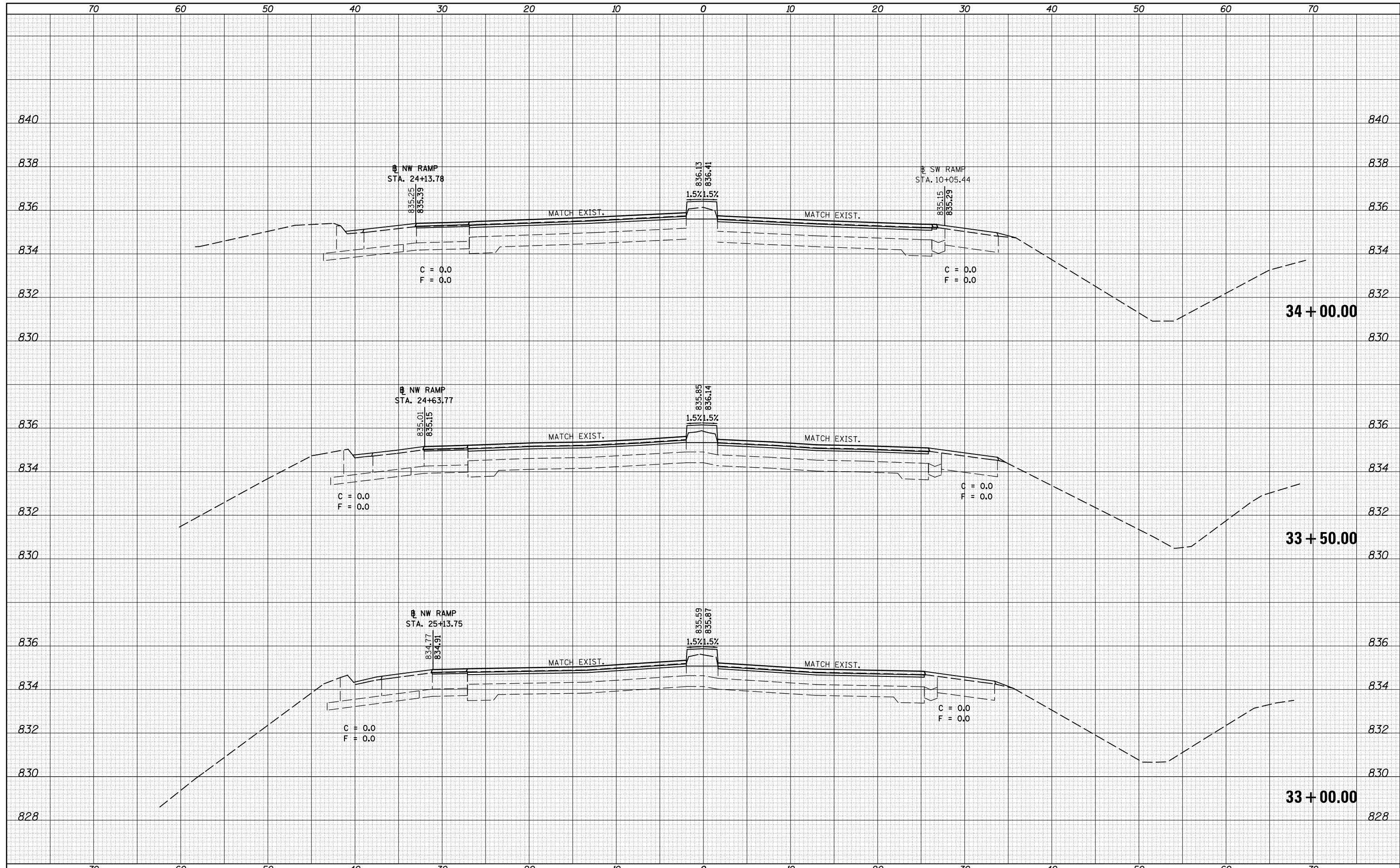
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NOTE BOOK	
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEETS FAP 704 (I-55 BUS)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwork\dodgems\d0267571\0570838-sh-XS_155BUS.dgn		DRAWN -	REVISED -					704	(57-7)RS-1 & 1RS-3	McLean	273	191
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	PLOT DATE = 6/11/2014	DATE -	REVISED -		SCALE:	SHEET 38	OF 38 SHEETS	STA. 366+50.00	TO STA. 366+50.00			

DATE	
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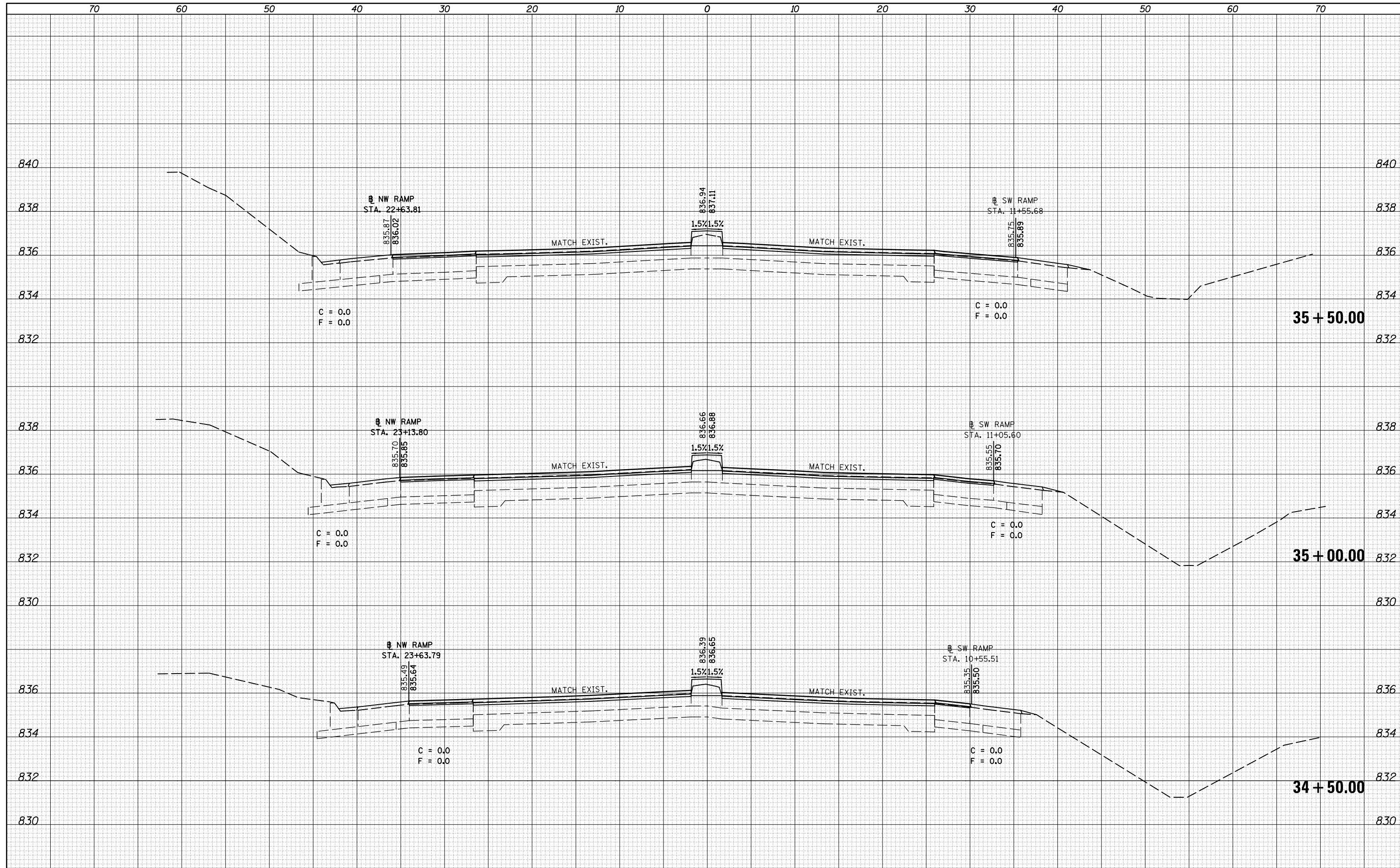
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEETS FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwork\dodgems\d0267571\0570838-sh-XS_155BUS.dgn	DRAWN -	REVISED -	704			(57-7)RS-1 & 1RS-3	McLean	273	193	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70838							
PLOT DATE = 6/11/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
MODELNAME				SCALE:	SHEET 2 OF 58 SHEETS	STA. 33+00.00	TO STA. 34+00.00			

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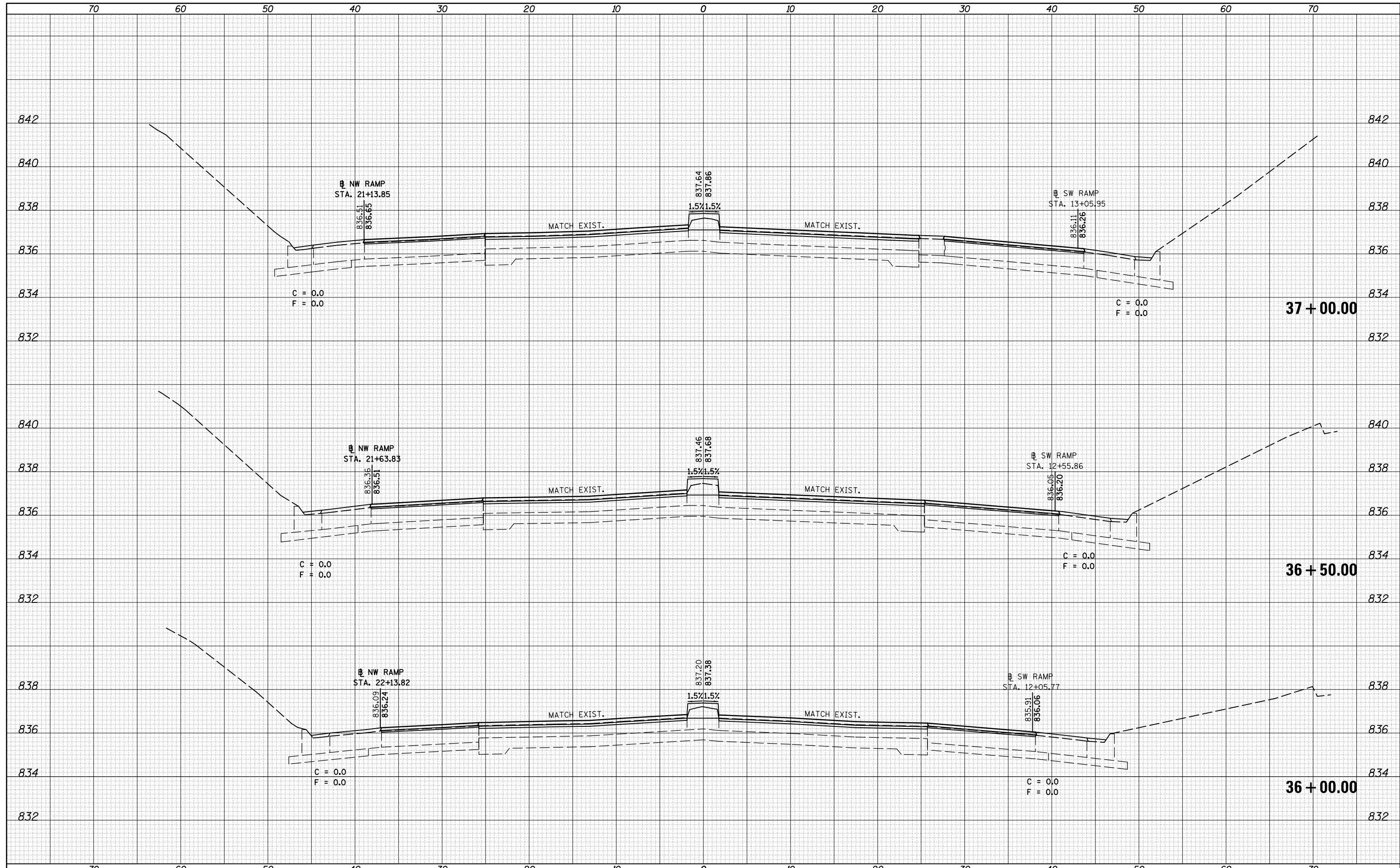
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEETS FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwidot\dodgems\d0267571\0570838-sh-XS_155BUS.dgn		DRAWN -	REVISIED -			704	(57-7)RS-1 & 1RS-3	McLean	273	194
		CHECKED -	REVISIED -			CONTRACT NO. 70838				
MODELNAME	PLOT DATE = 6/11/2014	DATE -	REVISIED -			SCALE:	SHEET 3	OF 58 SHEETS	STA. 34+50.00	TO STA. 35+50.00

DATE	
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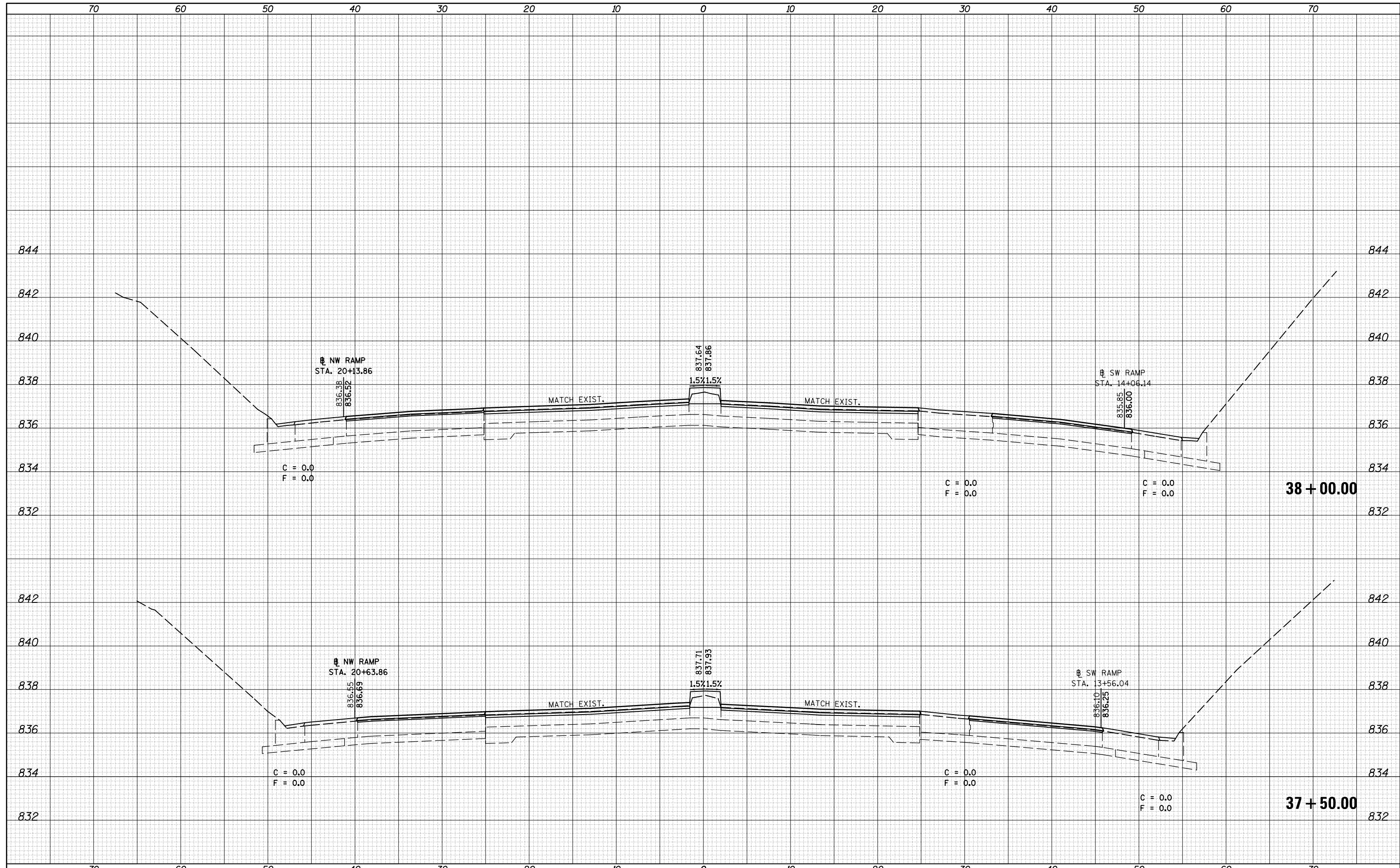
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEETS FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwt\dot\dodgems\d0267571\0570838-sh-XS_155BUS.dgn	DRAWN -	REVISED -	704			(57-7)RS-1 & 1RS-3	McLean	273	195	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70838							
PLOT DATE = 6/11/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE:		SHEET 4 OF 58 SHEETS		STA. 36+00.00 TO STA. 37+00.00						

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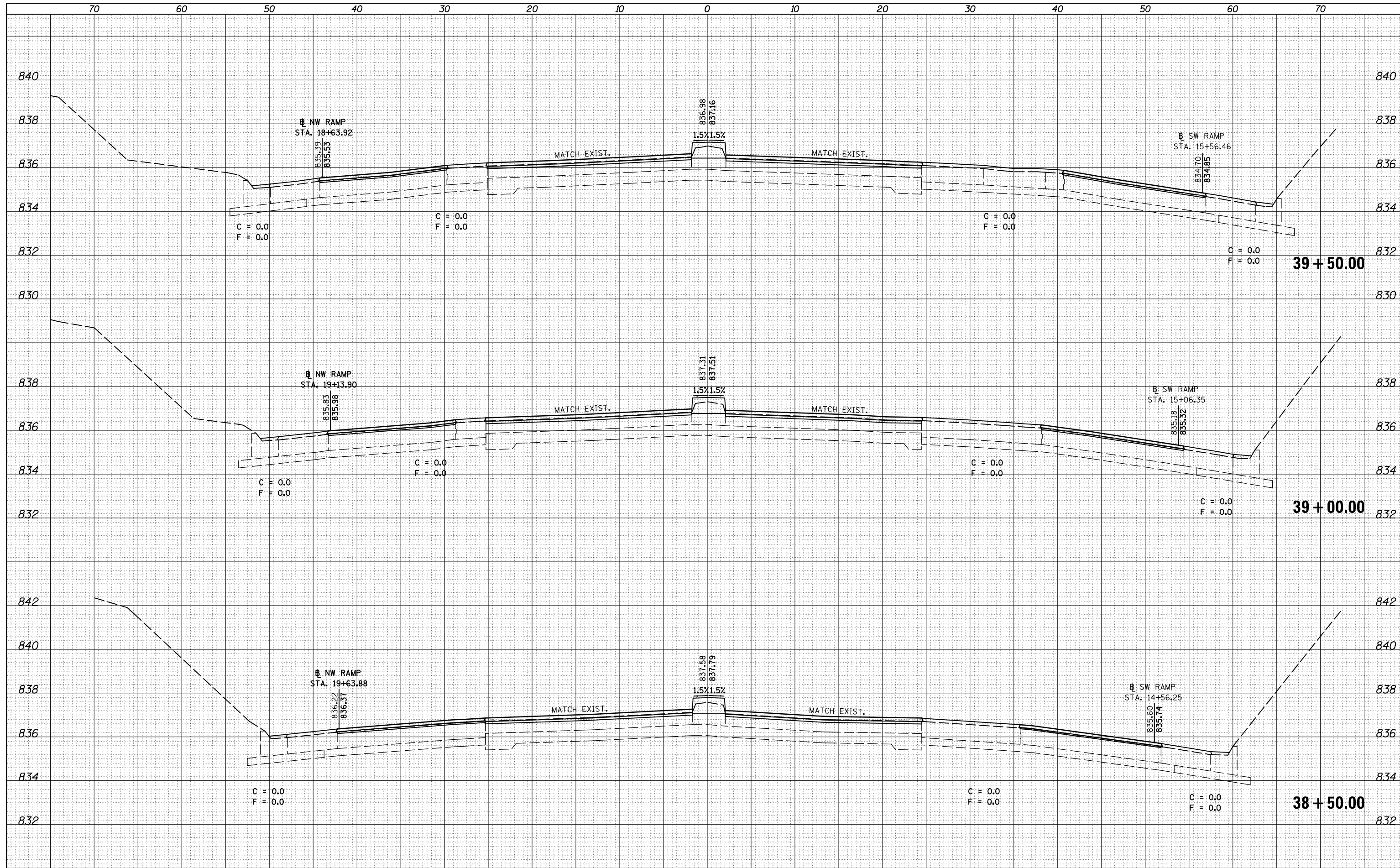
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEETS FAP 704 (I-55 BUS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\p1dot\dodgems\d0267571\0570838-sh-XS_155BUS.dgn	DRAWN -	REVISED -	704			(57-7)RS-1 & 1RS-3	McLean	273	196	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70838							
DATE = 6/11/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE:	SHEET 5	OF 58 SHEETS	STA. 37+50.00	TO STA. 38+00.00						

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

**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

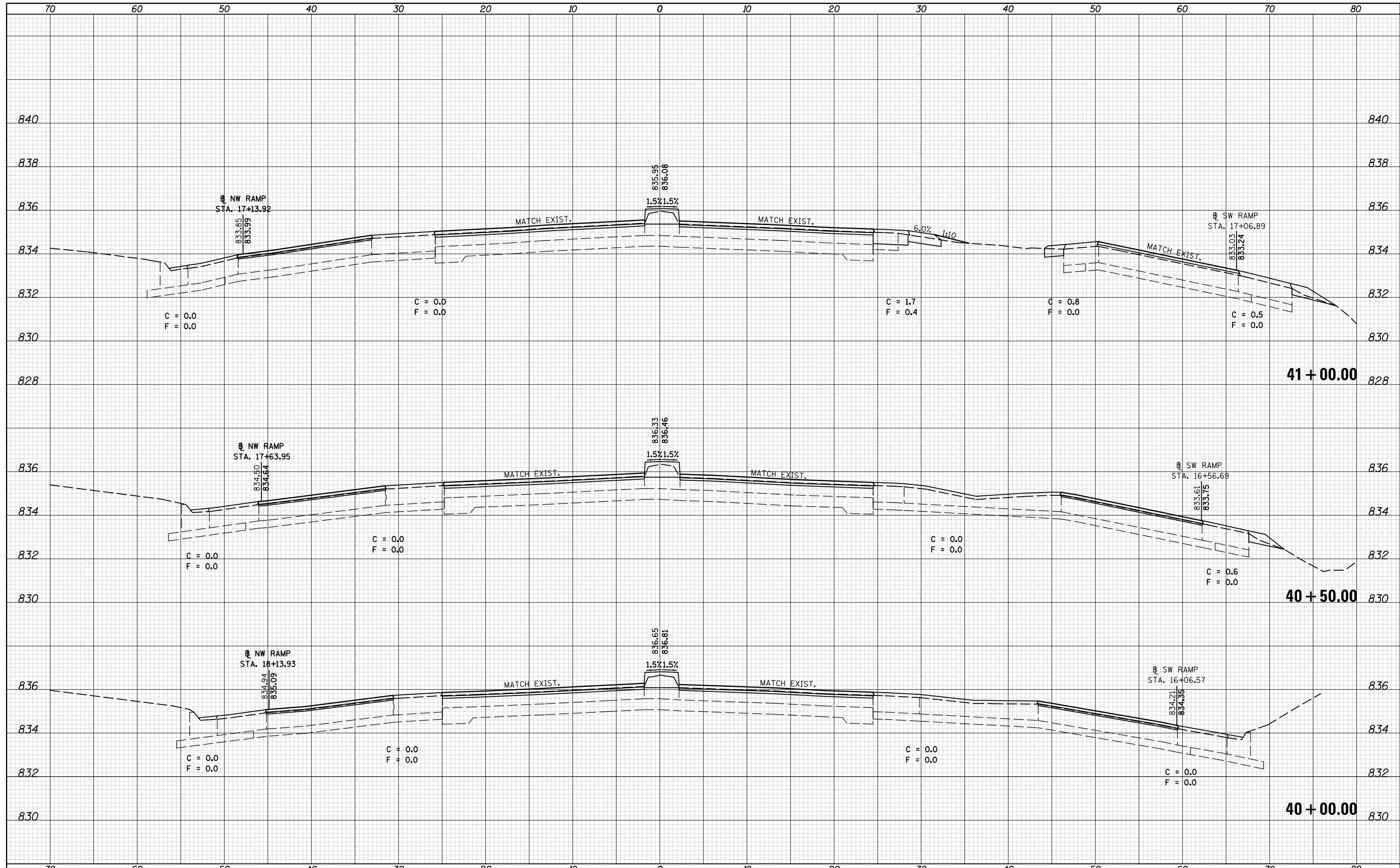
SCALE: SHEET 6 OF 58 SHEETS STA. 38+50.00 TO STA. 39+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	197
			CONTRACT NO. 70838	

ILLINOIS FED. AID PROJECT

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FINAL SURVEY	
NOTE BOOK	
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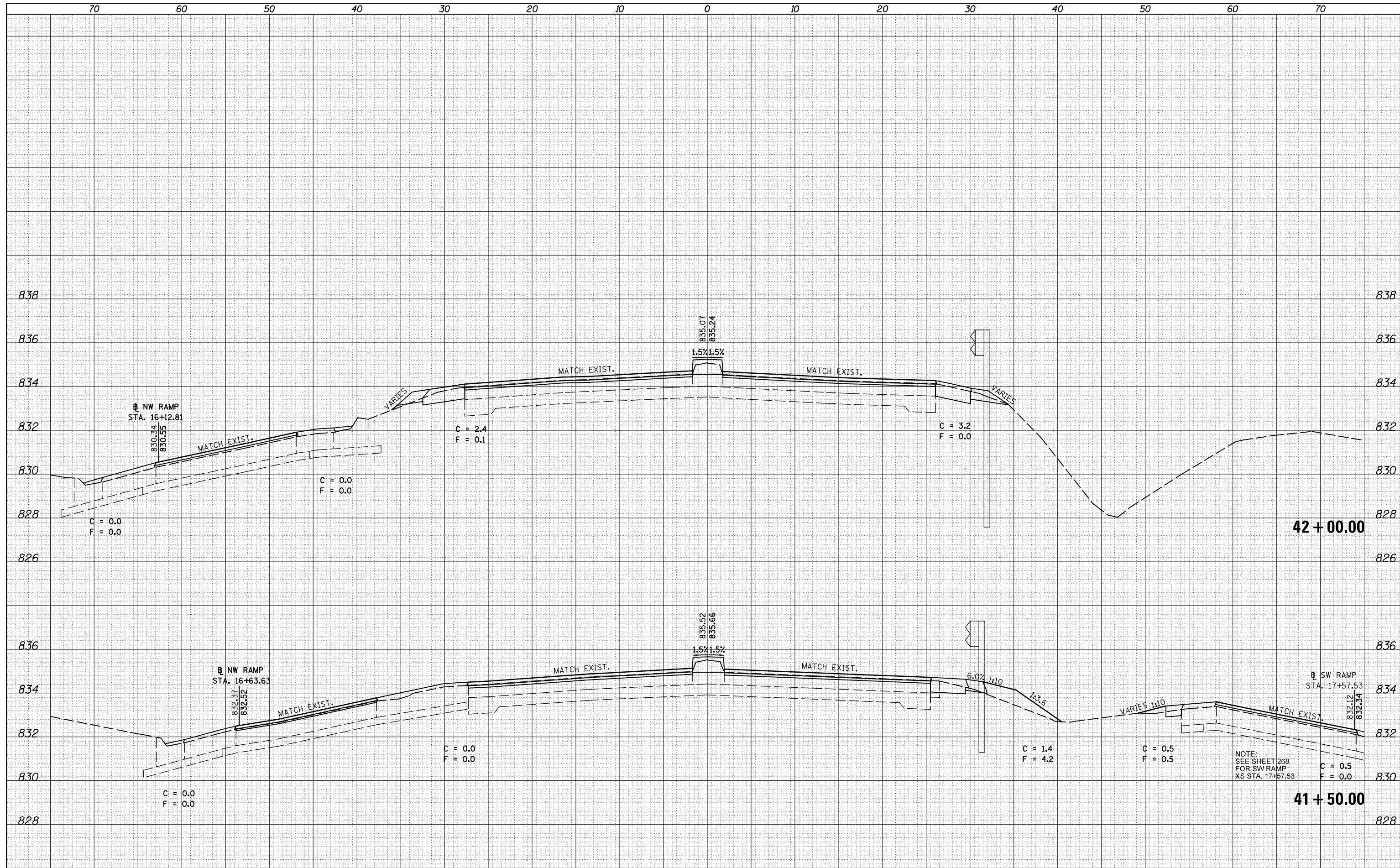
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION SHEETS FAP 704 (I-55 BUS)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\p\dot\dodgems\d0267571\0570838-sh	XS_155BUS.dgn	DRAWN -	REVISED -		704	(57-7)RS-1 & 1RS-3	McLean	273	198			
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 7 OF 58 SHEETS STA. 40+00.00 TO STA. 41+00.00			CONTRACT NO. 70838				
	PLOT DATE = 6/11/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
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FILE NAME =	USER NAME = dodgems	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
FAP 704 (I-55 BUS)**

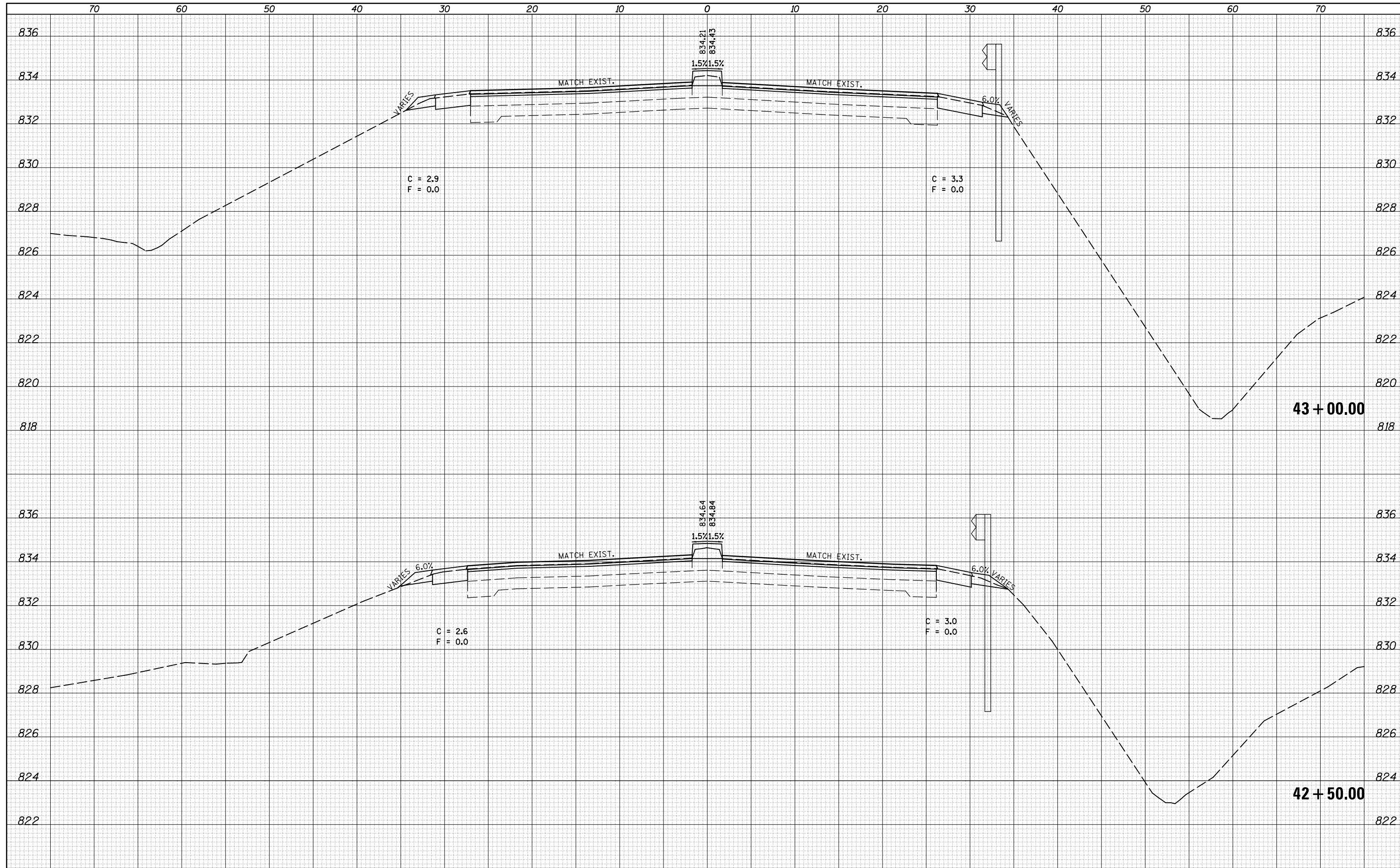
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	199
CONTRACT NO. 70838				

SCALE: SHEET 8 OF 58 SHEETS STA. 41+50.00 TO STA. 42+00.00

ILLINOIS FED. AID PROJECT

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

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



FILE NAME =	USER NAME = dodgms	DESIGNED -	REVISED -
c:\pw_work\p1dot\dodgms\d0267571\0570838-sh-XS_155BUS.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS			
FAP 704 (I-55 BUS)			
SCALE:	SHEET 9	OF 58 SHEETS	STA. 42+50.00 TO STA. 43+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(57-7)RS-1 & 1RS-3	McLean	273	200
			CONTRACT NO. 70838	
ILLINOIS FED. AID PROJECT				