

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(12)CR	DEWITT	33	1
		ILLINOIS	CONTRACT NO. 70B84	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-6

PROPOSED HIGHWAY PLANS

F.A.P. 71 (ROUTE IL. 54)
SECTION (12)CR
PROJECT STP-0071(063)
CULVERT REPLACEMENT
DEWITT COUNTY

C-95-023-16

CURRENT TRAFFIC DATA

E.A.P. 71

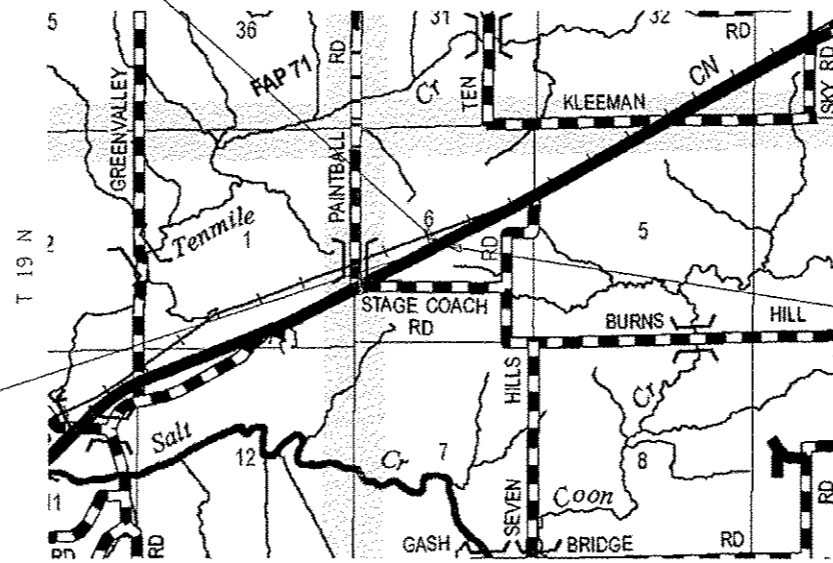
2016 A.D.T. = 1150
P.U. & P.C. = 915
SU = 113
MU = 122

DESIGN DESIGNATION

MINOR ARTERIAL

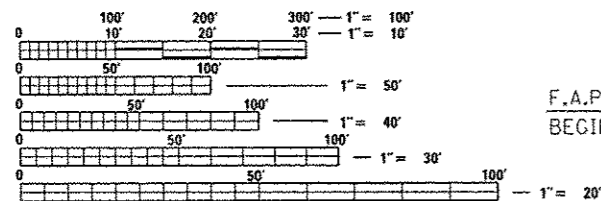
EXISTING S.N. 020-8009 AT STA. 866+15.00
CARRYING ILLINOIS ROUTE 54 OVER A DITCH
SOUTHWEST OF CLINTON ILLINOIS. Proposed
Single Pipe Culvert, Class A, Type II 42"
with Precast Flared End Sections.
No Skew

DITCH SOUTHWEST OF CLINTON



F.A.P. 71 SECTION (12)CR
ENDS: STA. 866+24.50

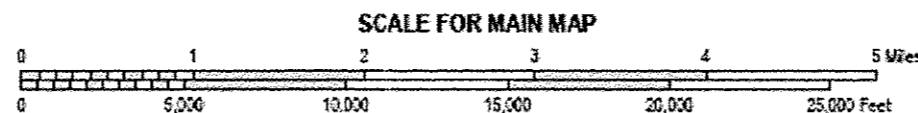
F.A.P. 71 SECTION (12)CR
BEGINS: STA. 866+05.50



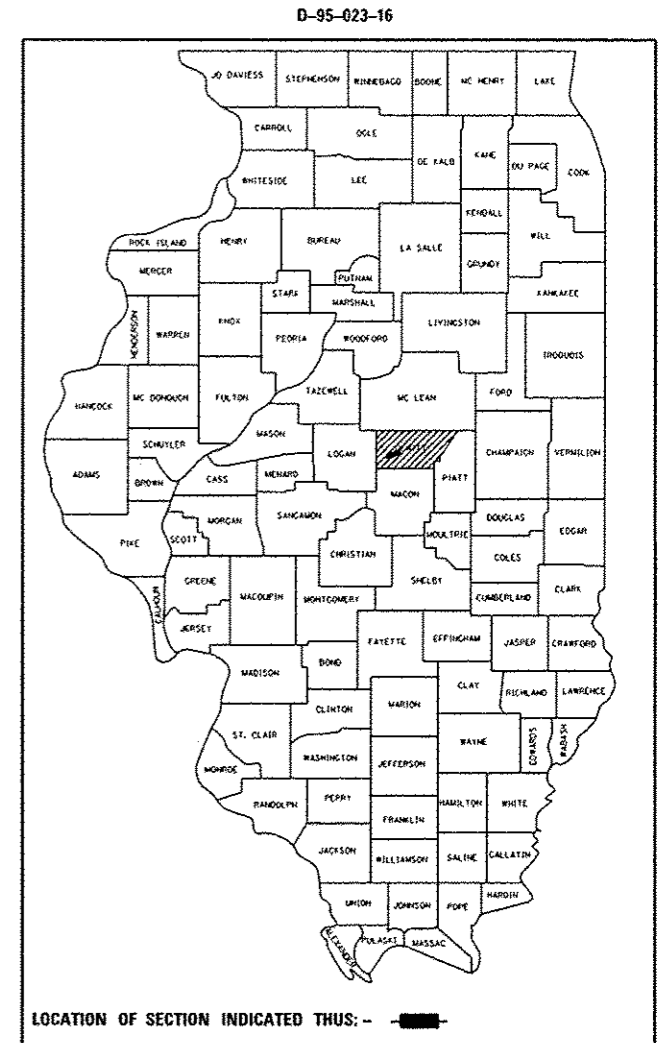
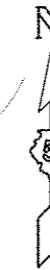
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

TOWNSHIP : TEXAS
PROJECT ENGINEER : JASON STULTS
SQUAD LEADER : GREG EAGLIN
DESIGNER : MATTHEW MURPHY
PHONE : 217-465-4181
CONTRACT NO. 70B84



GROSS LENGTH = 19.0 FT. = 0.004 MILE
NET LENGTH = 19.0 FT. = 0.004 MILE



LOCATION OF SECTION INDICATED THIS: - [shaded area]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 24 2017
Jason A. James
REGIONAL ENGINEER

Matthew M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Matthew M. Addis
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
3	GENERAL NOTES
4	BENCHMARK DESCRIPTION & TIE POINTS
5-6	SUMMARY OF QUANTITIES
7	EXISTING AND PROPOSED TYPICAL CROSS SECTIONS
8	SCHEDULE OF QUANTITIES
9	PLAN & PROFILE SHEET
10-13	DETOUR SIGNING DETAIL
14	SEEDING AND EROSION CONTROL PLAN
15	DETAIL OF POROUS GRANULAR EMBANKMENT PAV LIMS REMOVAL OF EXISTING STRUCTURE SPECIAL DETAIL
16	AS-BUILT PLANS
17	DETAIL FOR TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROAD / STREET CLOSURES)
18	DETAIL FOR FIELD TILE SYSTEMS (TREATMENT OF EXISTING)
19-22	DETAIL FOR PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
23	DETAIL FOR DELINEATORS
24-33	IL. RTE. 54 CROSS SECTIONS

LIST OF STANDARDS

STANDARD NO.	NAME OF STANDARD
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-07	CLASS B PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-06	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS MARKERS & DELINEATORS
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

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

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

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

G.N. -107.37
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

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

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

G.N. -280A
THE MULCH PAY ITEM IN THE PLANS INCLUDES QUANTITIES FOR TEMPORARY MULCH FOR EROSION CONTROL. THE TEMPORARY MULCH INCLUDES MAINTENANCE AND REMOVAL IF NECESSARY PER THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS. AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SOME OR ALL OF THE MULCH USED AS TEMPORARY EROSION CONTROL WILL BE DELETED IF IT IS NOT NECESSARY DUE TO ESTABLISHMENT OF PERMANENT SEEDING.

G.N. - 542
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT PIPE LENGTHS.

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

COMMITMENTS
THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

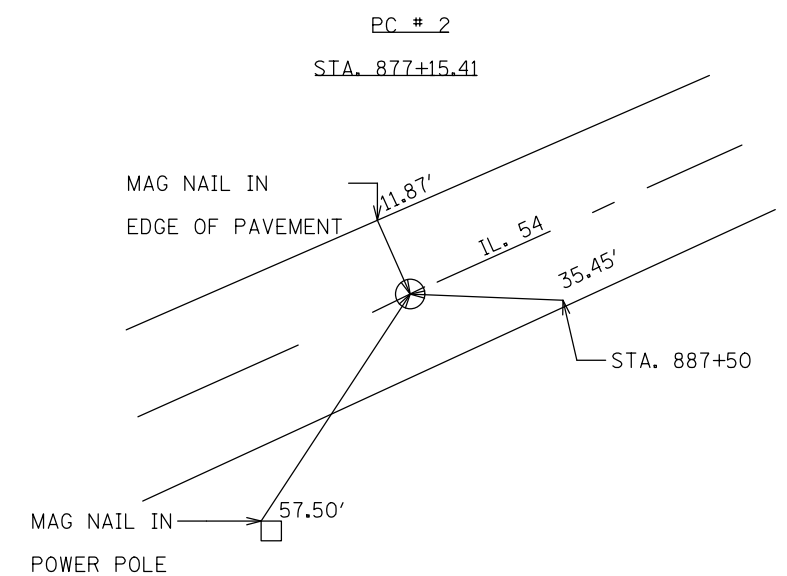
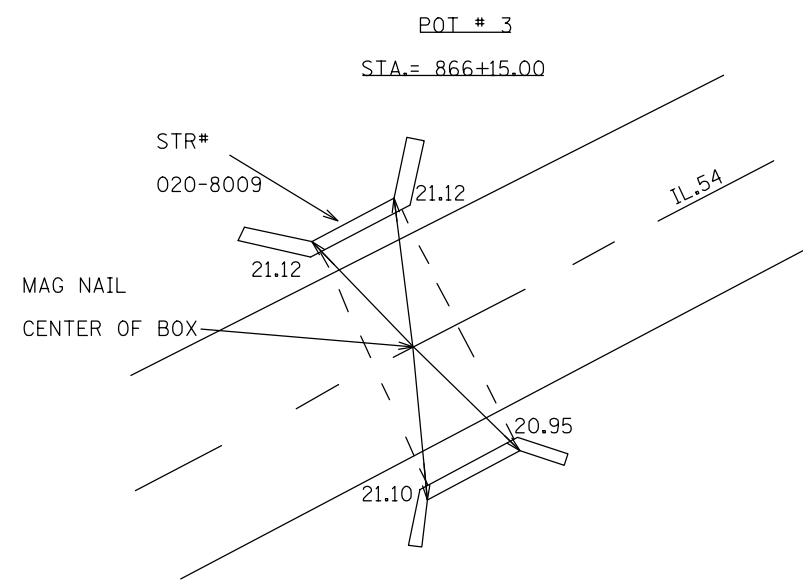
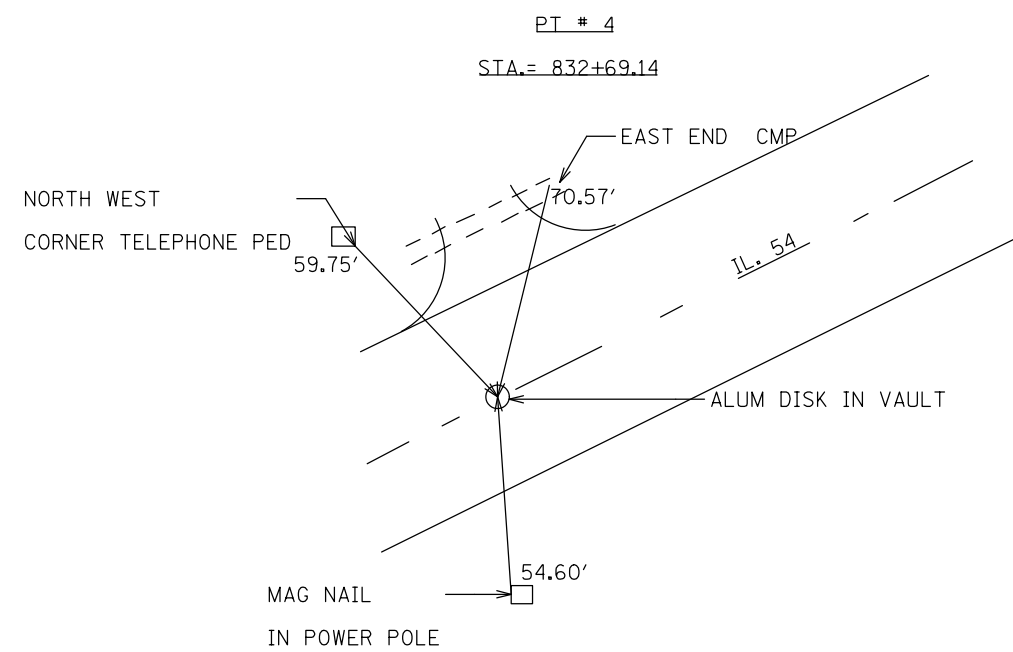
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p:\11\004EBID\INTEG\illinois.gov\WIDOT\Documents\1007 Offices\District 5\Projects\0578884\Design\0578884\ht-gen\notes.d	DRAWN -	REVISED -	REVISED -			71	IL2ICR	DEWITT	33	3
PLOT SCALE = 40.0000 / / in.	CHECKED -	REVISED -	REVISED -			SHEET 1 OF 1 SHEETS		CONTRACT NO. 70884		
MODELNAME	PLOT DATE = 1/27/2017	DATE -	REVISED -	[ILLINOIS] FED. AID PROJECT						

BENCHMARK DESCRIPTION & TIE POINTS

BM PT NAME 707 ELEVATION: 738.75

CLINTON MAINTENANCE YARD

THE STATION IS LOCATED ABOUT 3.7 MILES SOUTHWEST OF CLINTON ALONG IL. RTE 54. TO REACH FROM THE JUNCTION OF U.S. RTE. 51 AND IL. RTE. 54, GO SOUTHWEST ON IL. RTE. 54 3.7 MILES TO THE ENTRANCE OF THE STORAGE FACILITY. THE STATION IS 25' +/- NORTHWEST OF THE SOUTHEAST FENCE CORNER ON THE FENCE SURROUNDING THE STORAGE. THE BENCHMARK IS 110.0' NORTHWEST OF THE NORTHWEST EDGE OF PAVEMENT OF IL. RTE. 54. THE STATION AT THE MAINTENANCE YARD AND AZIMUTH ARE 0.25 FOOT DISKS SET IN THE TOPS OF 1.0 FOOT DIAMETER CONCRETE POSTS SET 6.0 FEET IN THE GROUND. THERE IS NO STEEL OF ANY KIND IN THE CONCRETE. THE MAINTENANCE POINT IS INSIDE THE YARD WHERE AS THE AZIMUTH IS OUTSIDE AND APPROXIMATELY 0.6 MILES FROM THE YARD. THE DISKS ARE STAMPED IL. DEPARTMENT OF TRANSPORTATION AND EACH WITH THEIR RESPECTIVE NAME. THERE IS A TRIANGLE NEAR THE CENTER WITH A PUNCHED DATUM POINT.



FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHMARK DESCRIPTION & TIE POINTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 40.0000' / in.						CHECKED -	REVISED -	CONTRACT NO. 70B84			
PLOT DATE = 1/27/2017						DATE -	REVISED -	ILLINOIS FED. AID PROJECT			
					SHEET 1 OF 1 SHEETS	STA. 832+69.14 TO STA. 887+15.41					

SUMMARY OF QUANTITIES

SHEET 1 OF 2

LOCATION OF WORK: FAP 71 (IL.54)
 2 LANE RURAL
 COUNTY: DEWITT COUNTY
 STA. 866+05.50
 STA. 866+24.50
 FUNDING BREAKOUT: 80% FEDERAL
 20% STATE
 CONSTRUCTION CODE: 0004

LOCATION OF WORK: FAP 71 (IL.54)
 2 LANE RURAL
 COUNTY: DEWITT COUNTY
 STA. 866+05.50
 STA. 866+24.50
 FUNDING BREAKOUT: 80% FEDERAL
 20% STATE
 CONSTRUCTION CODE: 0004

CODE #	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	341.0
20700220	POROUS GRANULAR EMBANKMENT	CU YD	99.0
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	50.0
25000210	SEEDING, CLASS 2A	ACRE	1.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	113.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	113.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	113.0
25100115	MULCH, METHOD 2	ACRE	2.50
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100.0
28000305	TEMPORARY DITCH CHECKS	FOOT	150.0
44200050	WELDED WIRE REINFORCEMENT	SQ YD	55.0
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	55.0
44201299	DOWEL BARS 1-1/2"	EACH	40.0

• SPECIALTY ITEM

CODE #	ITEM	UNIT	TOTAL QUANTITY
44213200	SAW CUTS	FOOT	78.0
44213204	TIE BARS 3/4"	EACH	9.0
48101500	AGGREGATE SHOULDER, TYPE B, 6"	SQ YD	17.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	30.0
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTION 42"	EACH	2.0
542A1087	PIPE CULVERTS, CLASS A, TYPE II 42"	FOOT	60.0
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	39.0
63200310	GUARDRAIL REMOVAL	FOOT	631.0
63500105	DELINEATORS	EACH	2.0
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
* 78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	80.0
13 X5010205	REMOVE EXISTING STRUCTURE SPECIAL	EACH	1.0

• SPECIALTY ITEM

REV

SUMMARY OF QUANTITIES

SHEET 2 OF 2

VOS 1 8 MAL

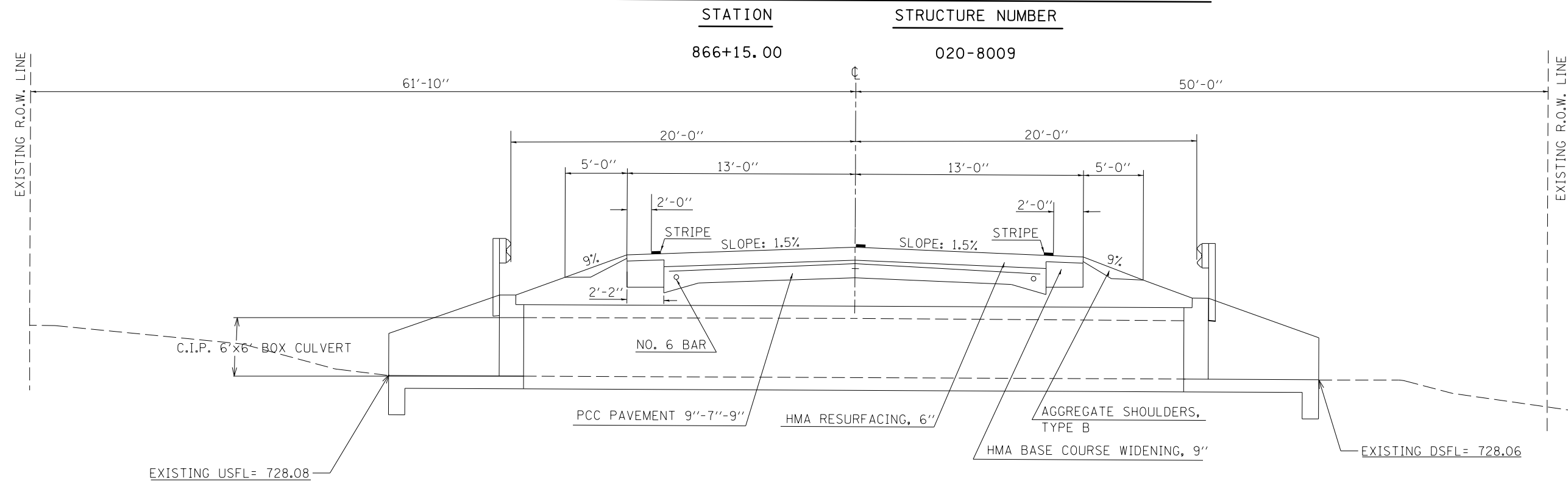
LOCATION OF WORK: FAP 71 (IL, 54)
 2 LANE RURAL
 COUNTY: DEWITT COUNTY
 STA. 866+05.50
 STA. 866+24.50
 FUNDING BREAKOUT: 80% FEDERAL
 20% STATE
 CONSTRUCTION CODE: 0004

CODE #	ITEM	UNIT	TOTAL QUANTITY
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0
Z0016702	DETOUR SIGNING	L SUM	1.0

3

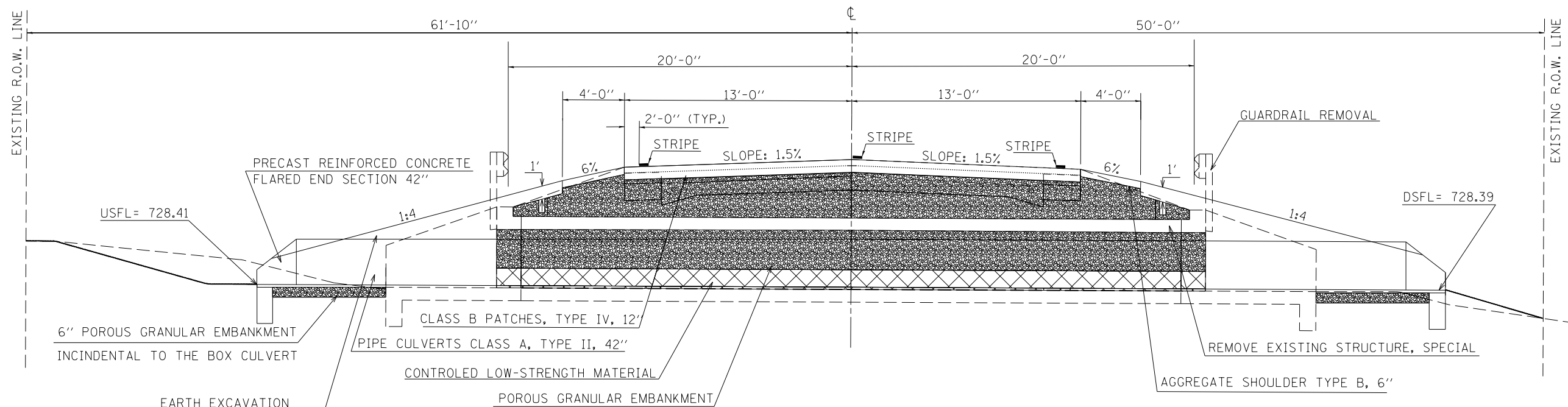
REV

EXISTING TYPICAL ROAD CROSS SECTION AT STRUCTURE



PROPOSED TYPICAL ROAD CROSS SECTION AT STRUCTURE

STATION
866+15.00



FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 5\Projects\0578\Drawings\Design\0578B84sht-typical.dgn						71	(12)CR	DEWITT	33	7		
PLOT SCALE = 48.2833' / in.						SHEET OF SHEETS STA. 866+07.00 TO STA. 866+23.00						
PLOT DATE = 1/27/2017						CONTRACT NO. 70B84 ILLINOIS FED. AID PROJECT						

SCHEDULE OF QUANTITIES

20700220 POROUS GRANULAR EMBANKMENT

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>CU. YDS.</u>
866+05.50		866+24.50	99.0

21301052 EXPLORATORY TRENCH 52"

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>OFFSET</u>	<u>FOOT</u>
866+02.50		866+27.50	45.0' RT.	25.0
866+02.50		866+27.50	45.0' LT.	25.0
			TOTAL:	50.0

44200050 WELDED WIRE REINFORCEMENT

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>SQ YDS</u>
866+05.50		866+24.50	TOTAL: 54.9
			USE: 55.0

44201000 CLASS B PATCH TYPE IV, 12"

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>SQ YDS</u>
866+05.50		866+24.50	TOTAL: 54.9
			USE: 55.0

48101500 AGGREGATE SHOULDERS, TYPE B, 6"

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>SQ YDS</u>
RT. 866+05.50		RT. 866+24.50	8.44
LT. 866+05.50		LT. 866+24.50	8.44
			TOTAL: 16.88
			USE: 17.00

48102100 AGGREGATE WEDGE SHOULDERS, TYPE B

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>OFFSET</u>	<u>ION</u>
RT. 863+00.00		RT. 866+05.50	13.0' RT.	7.85
RT. 866+24.50		RT. 869+00.00	13.0' LT.	7.09
LT. 863+00.00		LT. 866+05.50	13.0' LT.	7.85
LT. 866+24.50		LT. 869+00.00	13.0' LT.	7.09
			TOTAL:	29.88
			USE:	30.00

X5010205 REMOVE EXISTING STRUCTURE, SPECIAL

<u>STATION</u>	<u>TO</u>	<u>STATION</u>	<u>EACH</u>
866+05.50		866+24.50	1.0

542A1087 PIPE CULVERTS, CLASS A, TYPE II 42"

<u>STATION</u>	<u>FOOT</u>
866+15	60.0
TOTAL:	60.0

54213687 PRECAST REINFORCED CONCRETE FLARED END SECTION 42"

<u>STATION</u>	<u>OFFSET</u>	<u>EACH</u>
866+15.00	30.0' LT.	1.0
866+15.00	30.0' RT.	1.0
		TOTAL: 2.0

59300100 CONTROLLED LOW-STRENGTH MATERIAL

<u>STATION</u>	<u>RT/LT</u>	<u>CU. YDS.</u>
866+15		39.0
		TOTAL: 39.0

78001110 PAINT PAVEMENT MARKING LINE 4"

<u>EDGE LINE</u>	<u>STATION</u>	<u>OFFSET</u>	<u>TO</u>	<u>STATION</u>	<u>OFFSET</u>	<u>FOOT</u>
	866+00.00	RT.		866+30.00	RT.	30.0
	866+00.00	LT.		866+30.00	LT.	30.0
<u>SKIP DASH</u>	866+00.00	CL		866+30.00	CL.	20.0
						TOTAL: 80.0

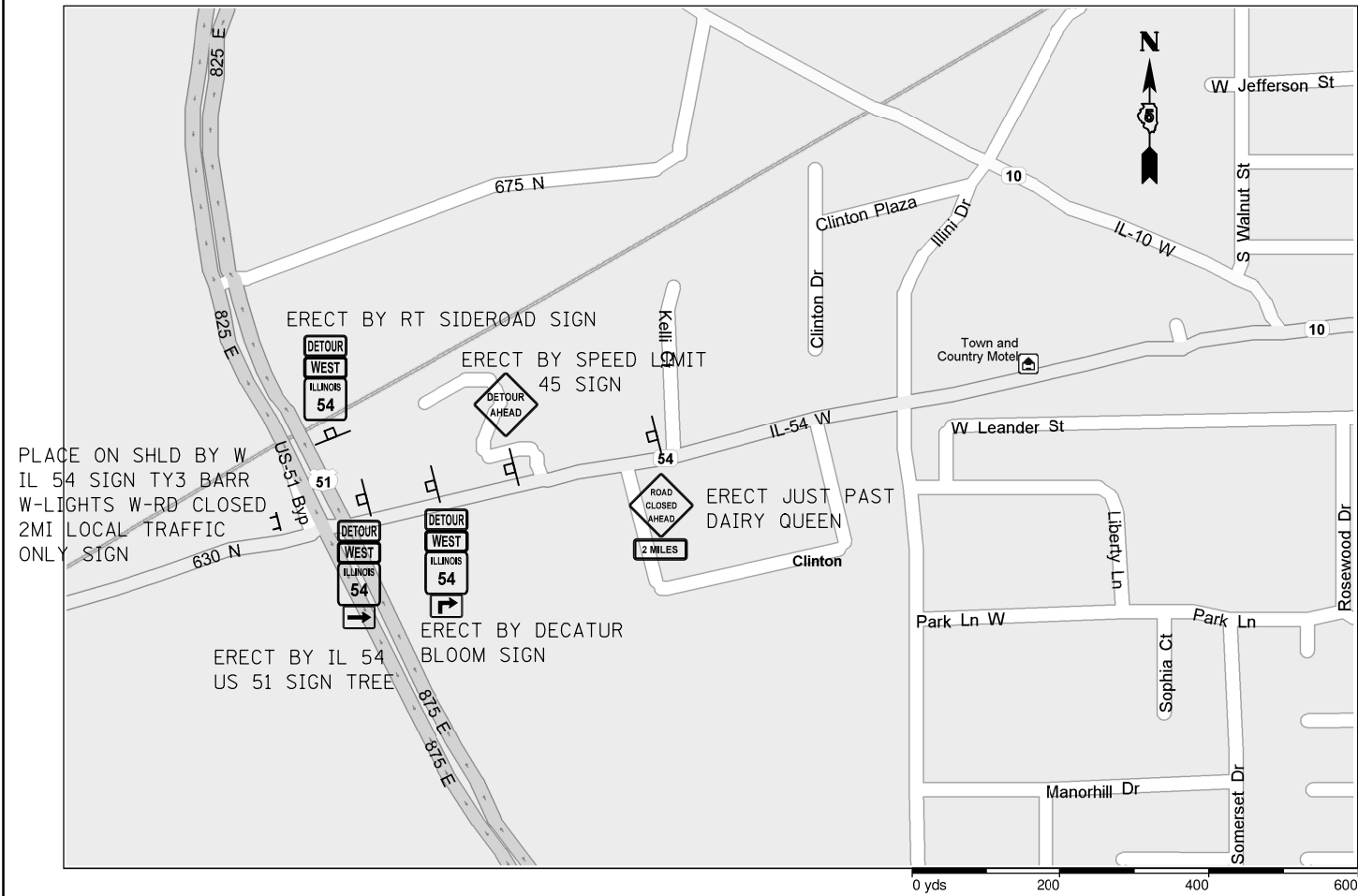
EARTH WORK TABLES

LOCATION	20200100 EARTH EXCAVATION (CUT)	SHRINKAGE 25%	FILL	WASTE
RT. 863+00.00 TO RT. 869+00.00	158.00	118.50	50.00	68.50
LT. 863+00.00 TO LT. 869.00.00	183.00	137.25	29.00	108.25
TOTAL CU. YDS.:	341.00	255.75	79.00	176.75
	USE:	341.0		

SEEDING AND EROSION CONTROL SCHEDULES ON PAGE 14

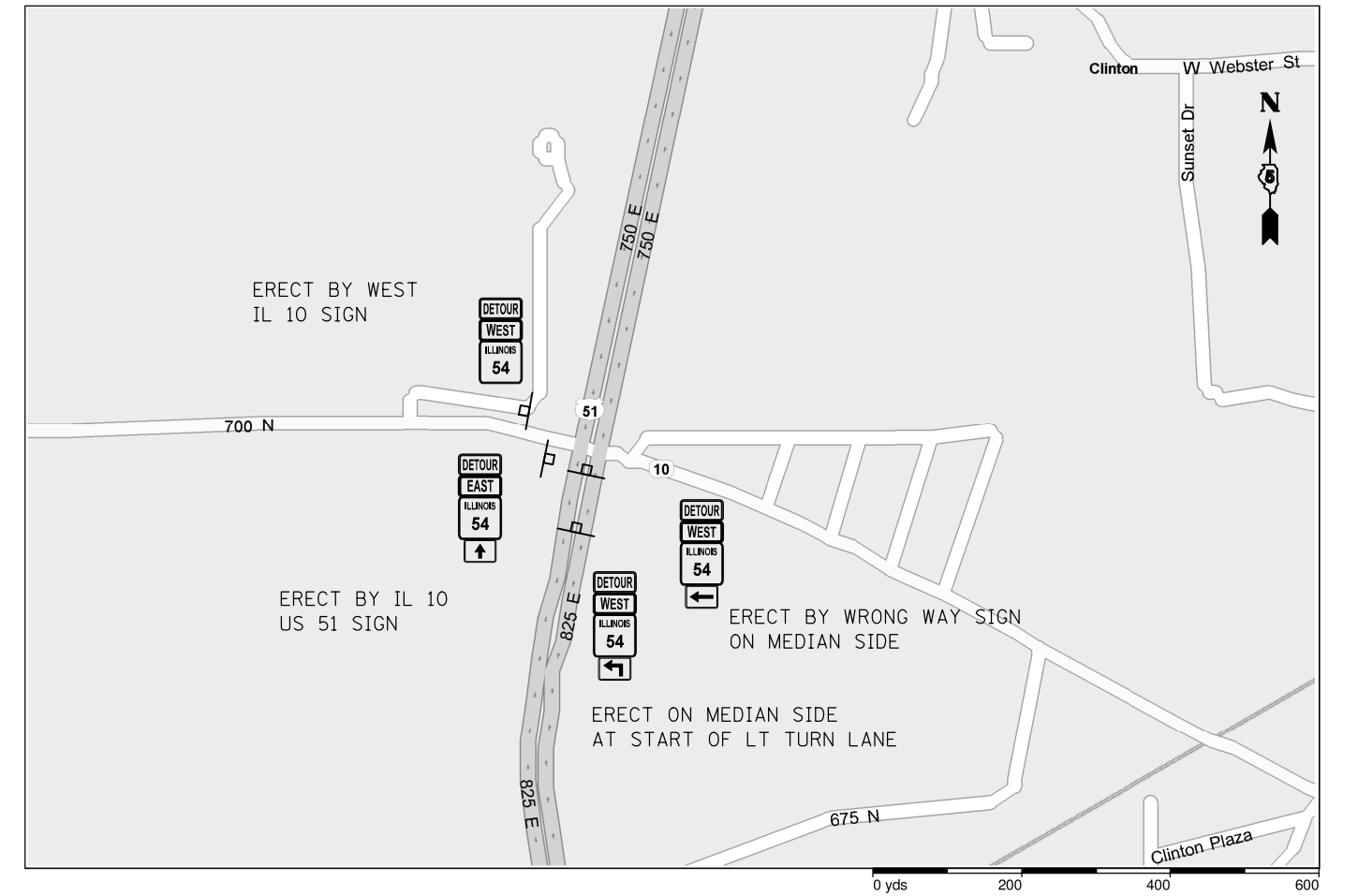
INTERSECTION OF U.S. 51 & IL. 54

CLINTON



INTERSECTION OF U.S. 51 & IL. 10

CLINTON



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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 1/27/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

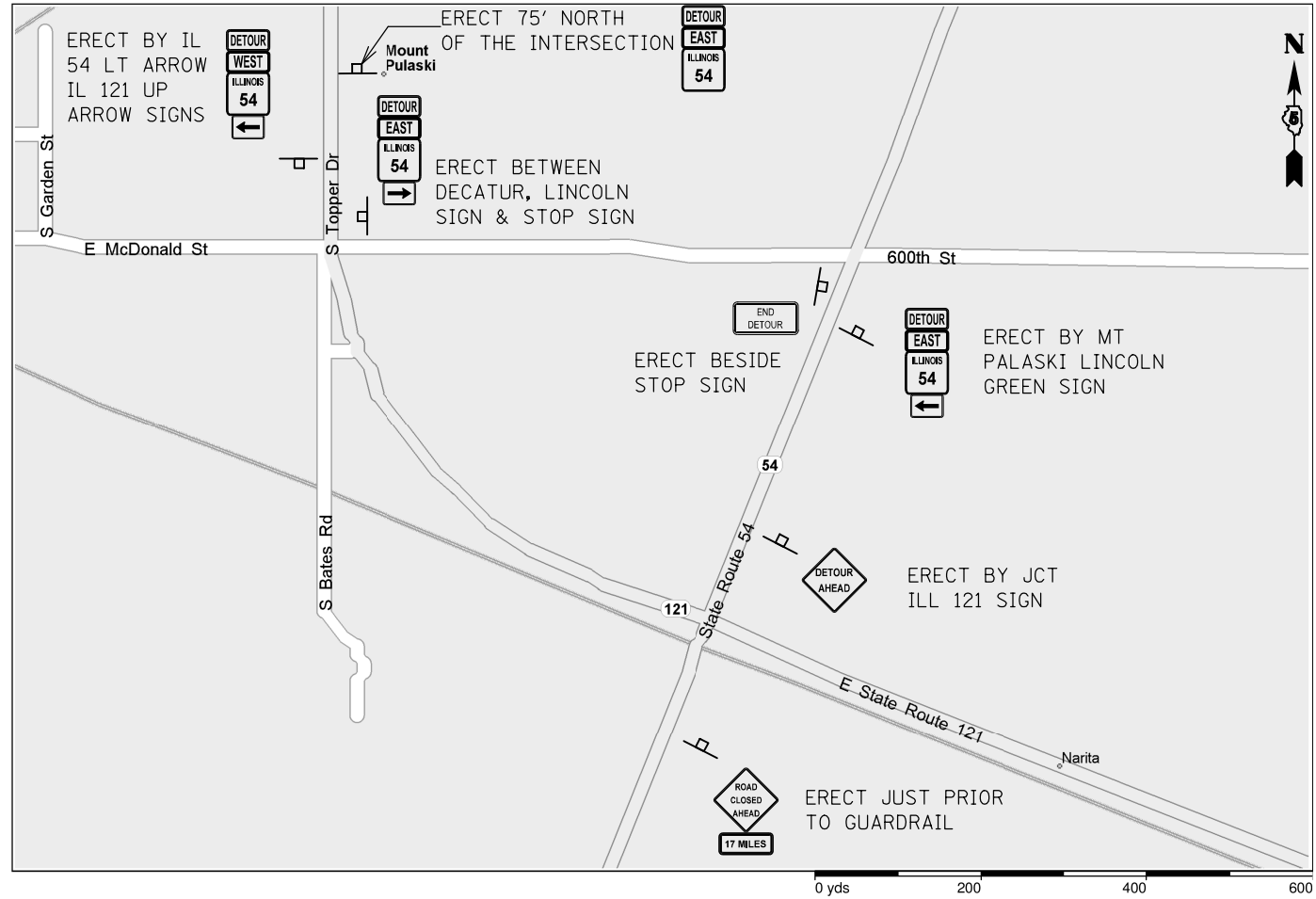
DETOUR DETAIL

SHEET 1 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(12)CR	DEWITT	33	10
CONTRACT NO. 70B84				
ILLINOIS FED. AID PROJECT				

INTERSECTION IL 121 & CO. HY. 600N

MOUNT PULASKI



KENNEY



FILE NAME =	USER NAME = eaglino	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 1/27/2017	DATE -	REVISED -

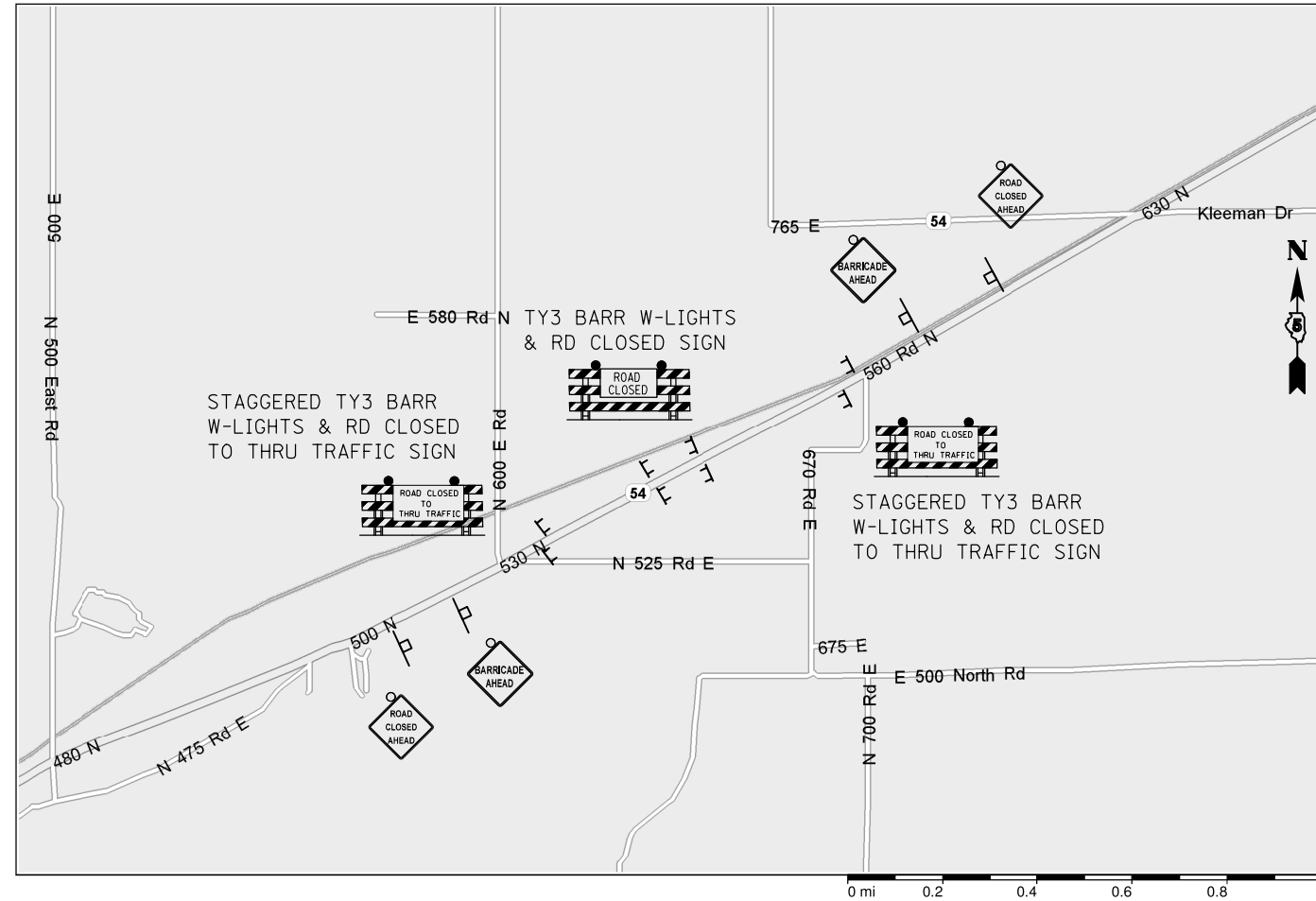
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR DETAIL

SHEET 3 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(12)CR	DEWITT	33	12
CONTRACT NO. 70B84				
ILLINOIS FED. AID PROJECT				

CLOSURE AT STRUCTURE



FILE NAME =	USER NAME = eaglino	DESIGNED -	REVISED -
p:\11\084EBID\INTEG\illinois.gov\PIWID\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579\084-sh-t-Detour.dgn		REVISION	REVISED -
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

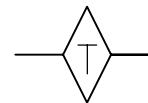
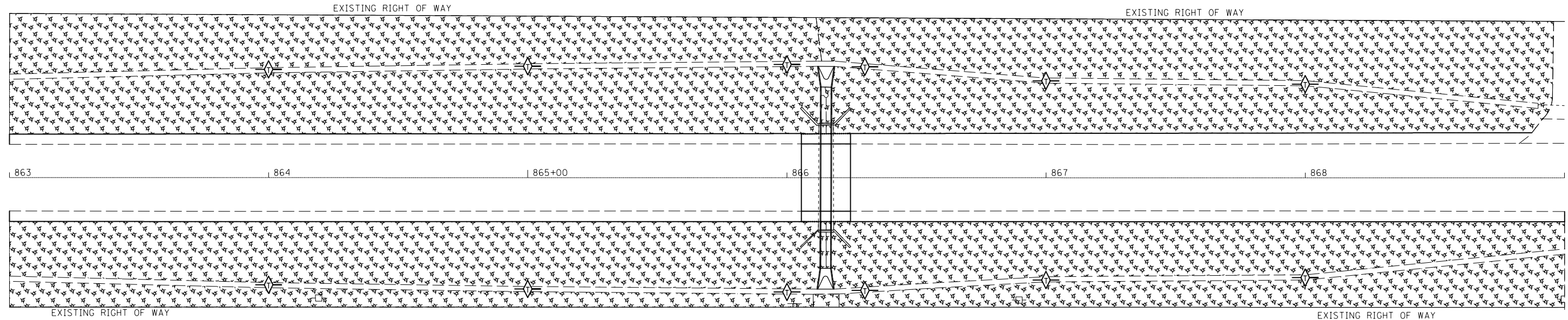
DETOUR DETAIL

SHEET 4 OF 4 SHEETS

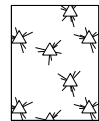
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71	(12)CR	DEWITT	33	13
CONTRACT NO. 70B84				
ILLINOIS FED. AID PROJECT				

CLASS 2A SEEDING SHALL BE USED
FOR LONG TERM SEEDING.
MULCH METHOD 2 AREAS ARE THE
SAME SIZE AS THE SEEDING AREAS.

SEEDING AND EROSION CONTROL PLAN



28000305 TEMPORARY DITCH CHECKS		
STATION	OFFSET	FOOT
864+00.00	40.5'	25.0'
865+00.00	42.0'	25.0'
866+00.00	42.8	25.0'
866+30.00	39.5'	25.0'
867+00.00	38.5'	25.0'
869+00.00	33.5'	25.0'
TOTAL:		150.0'



25100115 MULCH METHOD 2

STATION	TO	STATION	ACRE
LT. 863+00.00		LT. 868+95.81	0.61
RT. 863+00.00		RT. 869+00.00	0.45
TOTAL:			1.06
INCLUDE MULCH FOR TEMPORARY SEEDING			USE: 2.50

28000250 TEMPORARY EROSION CONTROL SEED

STATION	TO	STATION	POUND
863+00.00		869+00.00	100.0

25000210 SEEDING CLASS 2A

STATION	TO	STATION	ACRE
LT. 863+00.00		LT. 868+95.81	0.61
RT. 863+00.00		RT. 869+00.00	0.45
TOTAL:			1.06
USE:			1.25

25000400 NITROGEN FERTILIZER NUTRIENT

STATION	TO	STATION	POUND
863+00.00		869+00.00	113.0

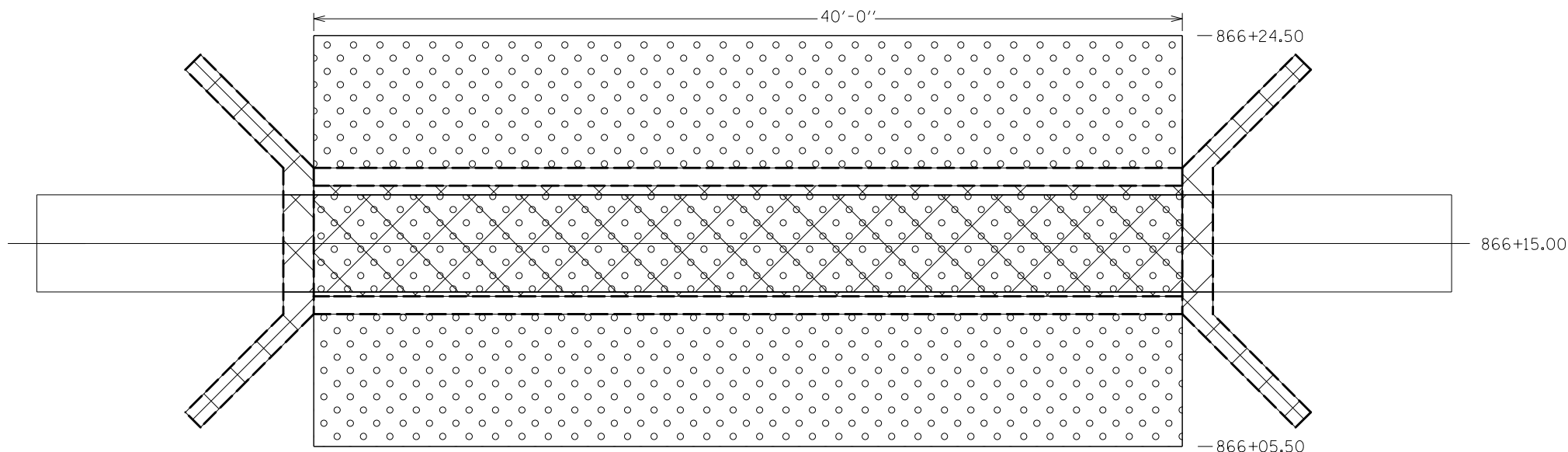
25000500 PHOSPHORUS FERTILIZER NUTRIENT

STATION	TO	STATION	POUND
863+00.00		869+00.00	113.0

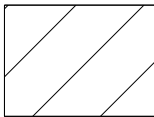
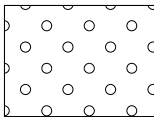
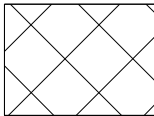
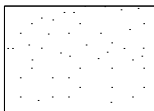
25000600 POTASSIUM FERTILIZER NUTRIENT

STATION	TO	STATION	POUND
863+00.00		869+00.00	113.0

DETAIL OF POROUS GRANULAR EMBANKMENT PAY LIMITS & DETAIL FOR REMOVE EXISTING STRUCTURE SPECIAL



LEGEND

	CLASS B, PATCH TYPE IV, 12"
	PAY LIMITS OF POROUS GRANULAR EMBANKMENT CA-6
	REMOVE EXISTING STRUCTURE SPECIAL
	CONTROLLED LOW-STRENGTH MATERIAL

POROUS GRANULAR EMBANKMENT

POROUS GRANULAR EMBANKMENT SHALL EXTEND TO THE BACK OF THE EXISTING HEADWALLS.

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

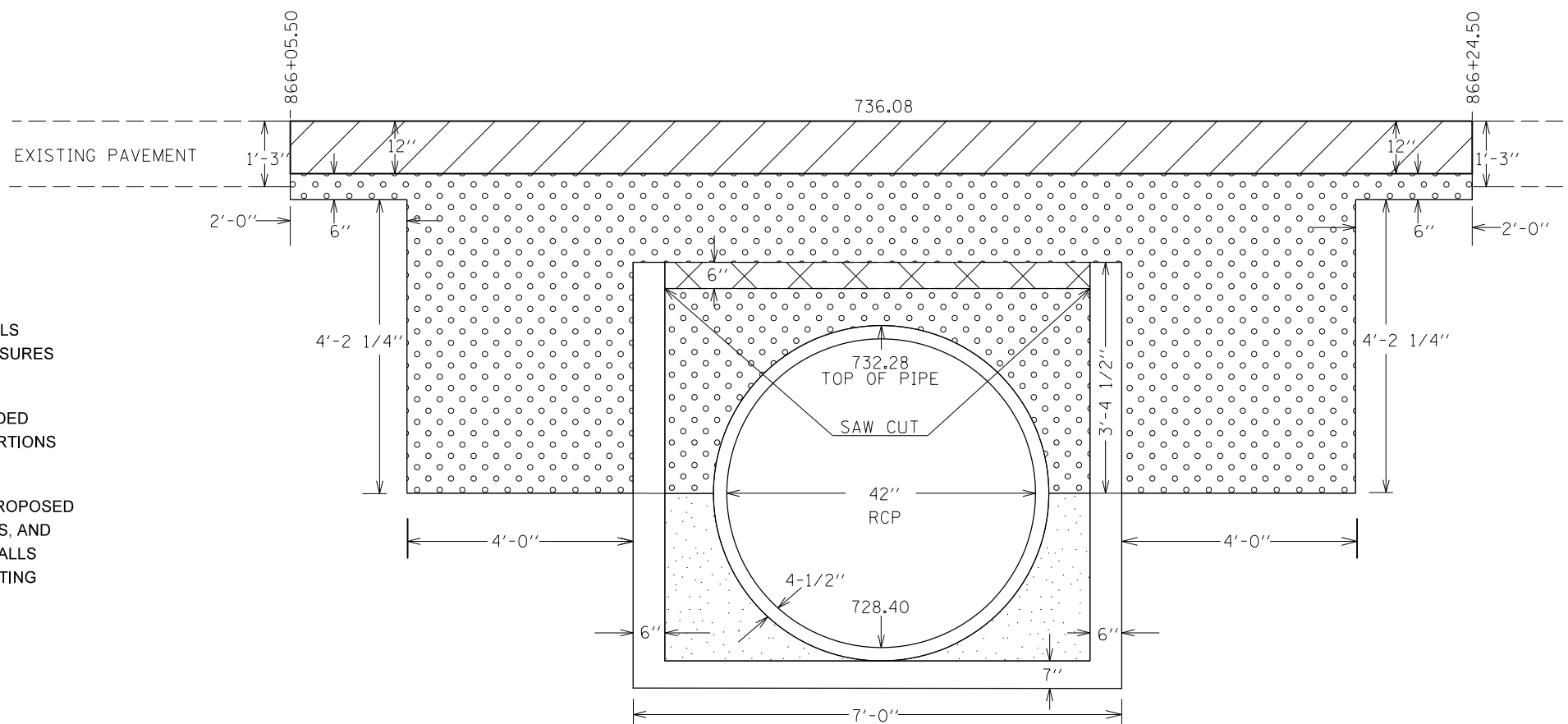
THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR POROUS GRANULAR EMBANKMENT.

REMOVE EXISTING STRUCTURE SPECIAL

EXCAVATION WILL BE REQUIRED BEHIND THE EXISTING CULVERT WALLS AND SHALL BE PERFORMED TO BALANCE FRONT AND BACK SOIL PRESSURES BEFORE REMOVING THE CULVERT SLAB.

THE CONTRACTOR SHALL SAW-CUT THE TOP SLAB ALONG THE EXTENDED INSIDE FACE OF THE CULVERT WALLS TO ENSURE THE REMAINING PORTIONS WILL NOT BE DAMAGED.

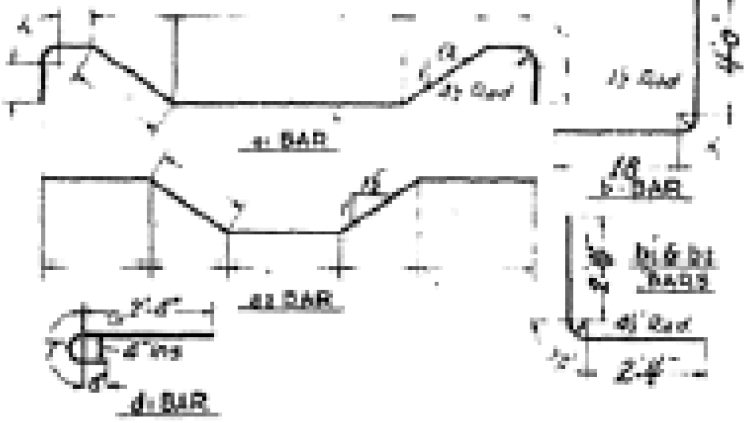
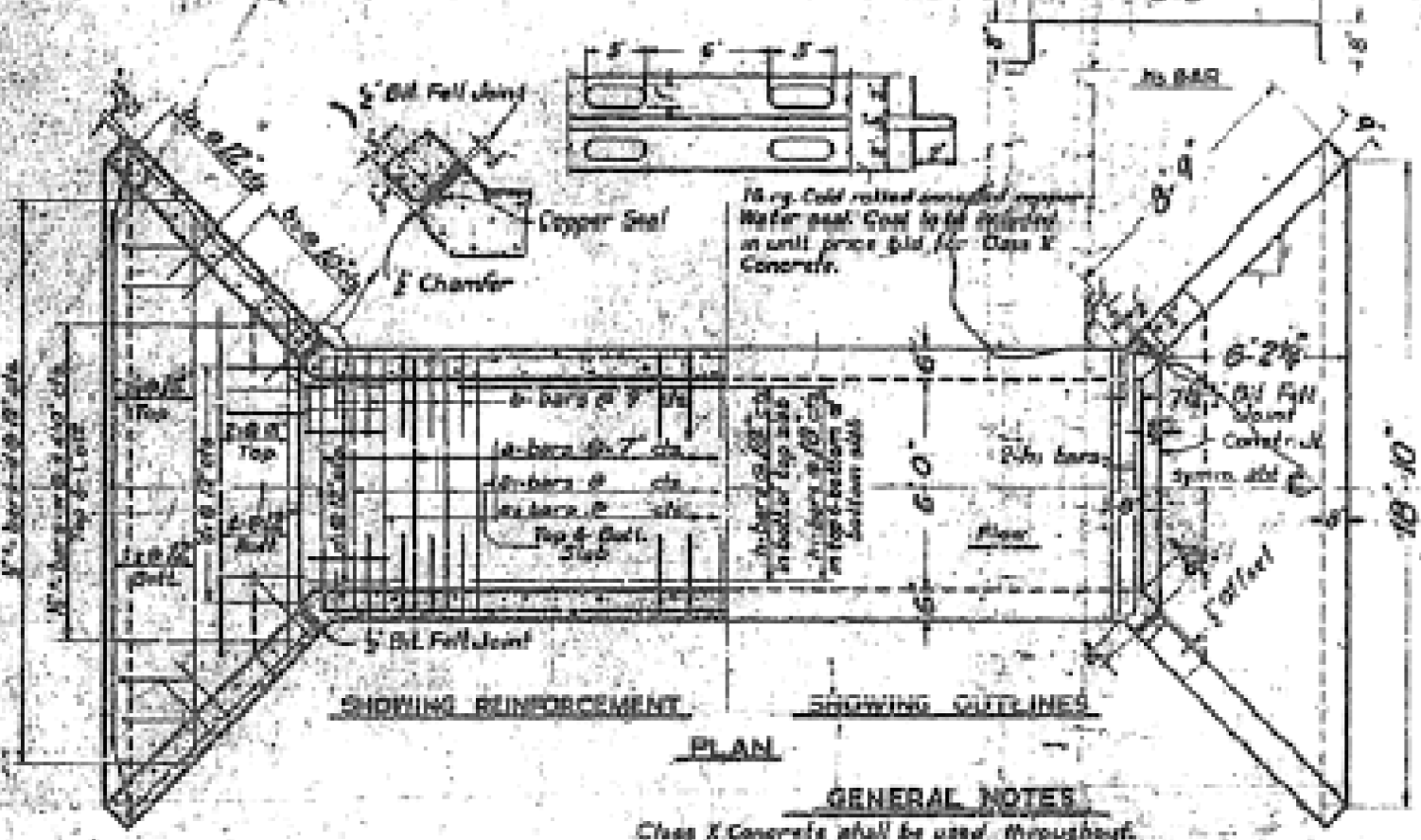
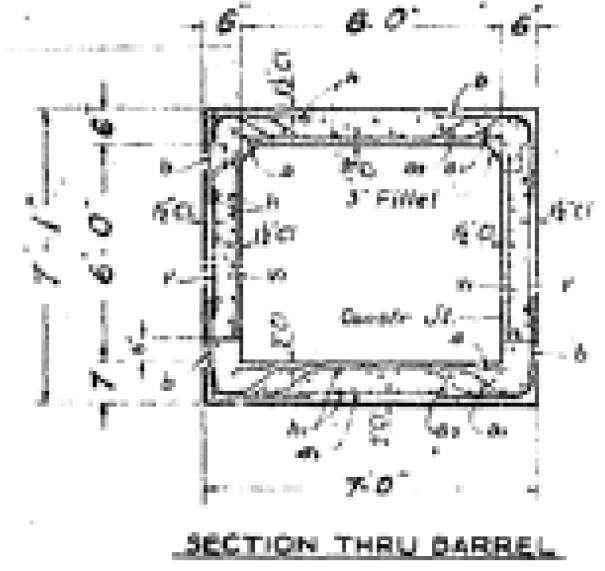
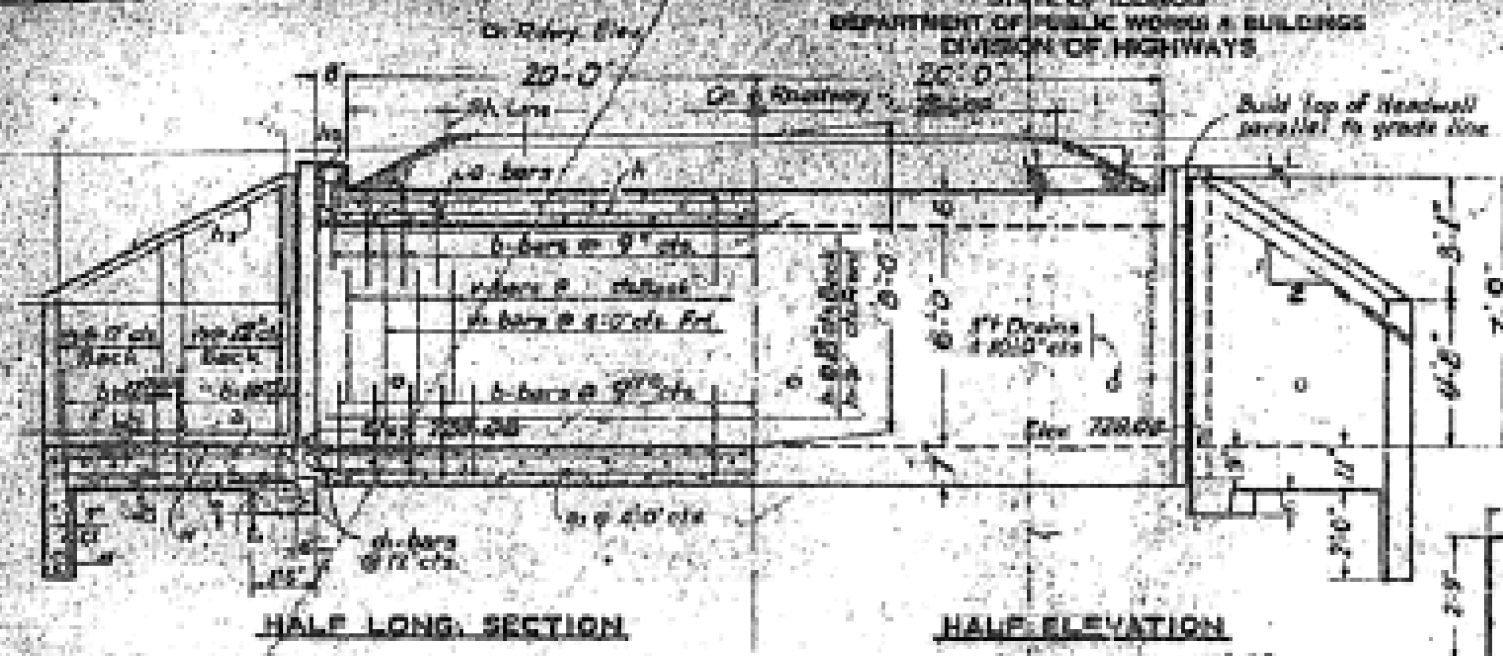
THE WING WALLS SHALL BE REMOVED TO AT LEAST 1 ft. BELOW THE PROPOSED ELEVATION OF THE FINISHED 1:4 SLOPES. ALL EXCAVATION, SAW-CUTS, AND REMOVAL OF THE CULVERT TOP SLAB AND PORTIONS OF THE WING WALLS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING STRUCTURE SPECIAL.



FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	POROUS GRANULAR EMBANKMENT PAY LIMITS REMOVE EXISTING STRUCTURE SPECIAL DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\057084EBIDINTEG\Design\057084-sht-details.dwg						F. A. P.	(12)CR	DEWITT	33	15	
PLOT SCALE = 40.0000' / in.						CONTRACT NO. 70B84					
PLOT DATE = 1/27/2017						ILLINOIS FED. AID PROJECT					
					SHEET 1 OF 1 SHEETS		STA. 866+07.50 TO STA. 866+22.50				

40 Roadway - 6" Crown
3:1 Slopes

DESIGNED BY	DATE
REVISIONS	
NO.	DESCRIPTION
1	AS-BUILT



BILL OF MATERIAL								
BAR NO.	SIZE	LENGTH	BAR NO.	SIZE	LENGTH	BAR NO.	SIZE	LENGTH
a	1/2"	2-9"	v	1/2"	2-9"			
b1	1/2"	4-0"	v1	1/2"	4-0"			
b2	1/2"	4-0"	v2	1/2"	4-0"			
b3	1/2"	4-0"	v3	1/2"	4-0"			
b4	1/2"	4-0"	v4	1/2"	4-0"			
b5	1/2"	4-0"	v5	1/2"	4-0"			
b6	1/2"	4-0"	v6	1/2"	4-0"			
b7	1/2"	4-0"	v7	1/2"	4-0"			
b8	1/2"	4-0"	v8	1/2"	4-0"			
b9	1/2"	4-0"	v9	1/2"	4-0"			
b10	1/2"	4-0"	v10	1/2"	4-0"			
b11	1/2"	4-0"	v11	1/2"	4-0"			
b12	1/2"	4-0"	v12	1/2"	4-0"			
b13	1/2"	4-0"	v13	1/2"	4-0"			
b14	1/2"	4-0"	v14	1/2"	4-0"			
b15	1/2"	4-0"	v15	1/2"	4-0"			
b16	1/2"	4-0"	v16	1/2"	4-0"			
b17	1/2"	4-0"	v17	1/2"	4-0"			
b18	1/2"	4-0"	v18	1/2"	4-0"			
b19	1/2"	4-0"	v19	1/2"	4-0"			
b20	1/2"	4-0"	v20	1/2"	4-0"			
b21	1/2"	4-0"	v21	1/2"	4-0"			
b22	1/2"	4-0"	v22	1/2"	4-0"			
b23	1/2"	4-0"	v23	1/2"	4-0"			
b24	1/2"	4-0"	v24	1/2"	4-0"			
b25	1/2"	4-0"	v25	1/2"	4-0"			
b26	1/2"	4-0"	v26	1/2"	4-0"			
b27	1/2"	4-0"	v27	1/2"	4-0"			
b28	1/2"	4-0"	v28	1/2"	4-0"			
b29	1/2"	4-0"	v29	1/2"	4-0"			
b30	1/2"	4-0"	v30	1/2"	4-0"			

GENERAL NOTES
Class X Concrete shall be used throughout.
Culvert walls and slab may be poured monolithically.
Exposed edges shall be beveled 1/4".
Subsoil of approximately uniform bearing capacity is assumed.

MS.
9-16-21
M.A. [Signature]
[Signature]
[Signature]

Class X Concrete 36.0 Cu Yds
Reinforcing Steel 3930 Lbs

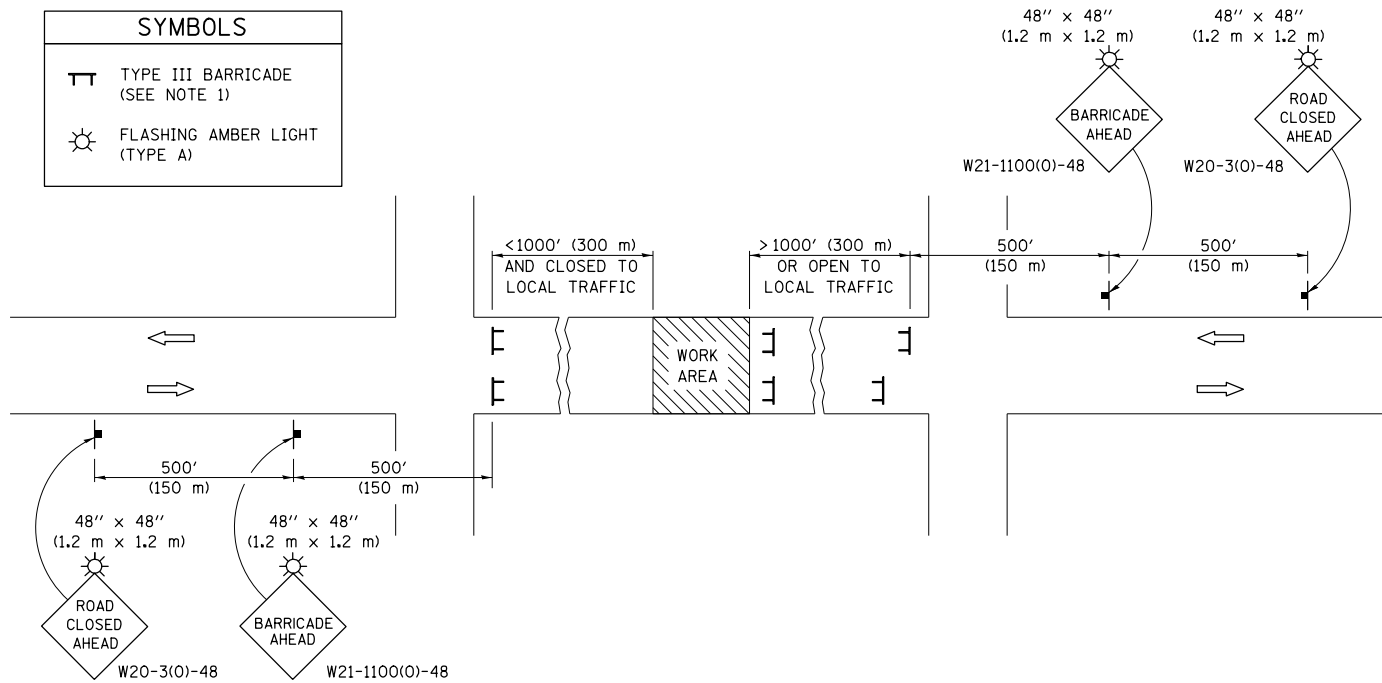
SPECIAL CURVE - DESIGN
F.A. Rt. 161 Const. Sect. 12-A
DEWITT COUNTY
Sta. 866+15

FOR INFORMATION ONLY

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

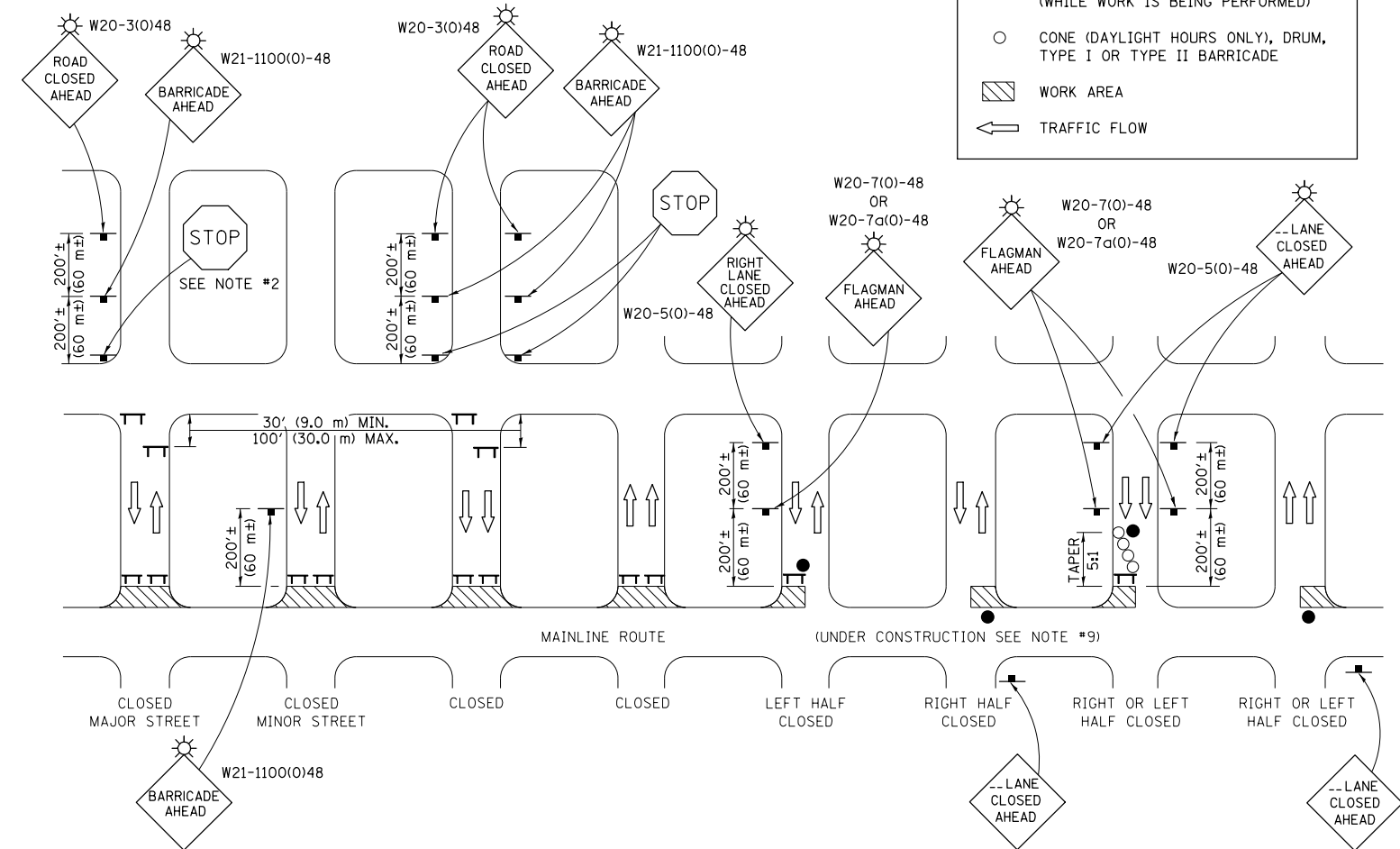
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



GENERAL NOTES

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

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

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

FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED -
pw:\IL\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\084EBID\Design\0579084-sht-details.dwg		CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/27/2017	DATE -	REVISED -

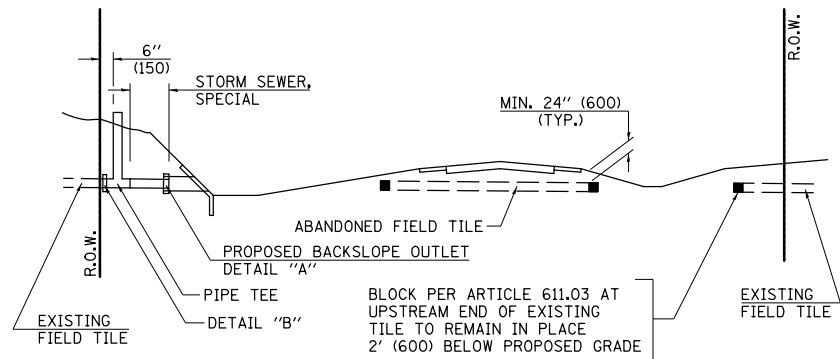
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD/STREET CLOSURES)

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

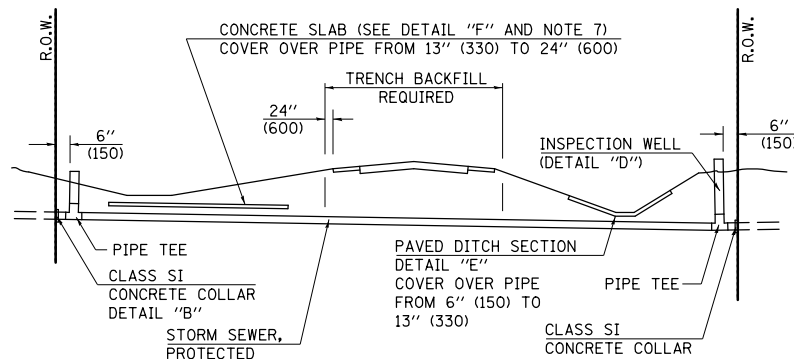
DISTRICT 5 DETAIL NO. 7020000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(12)CR	DEWITT	33	17
CONTRACT NO. 70B84				
ILLINOIS FED. AID PROJECT				



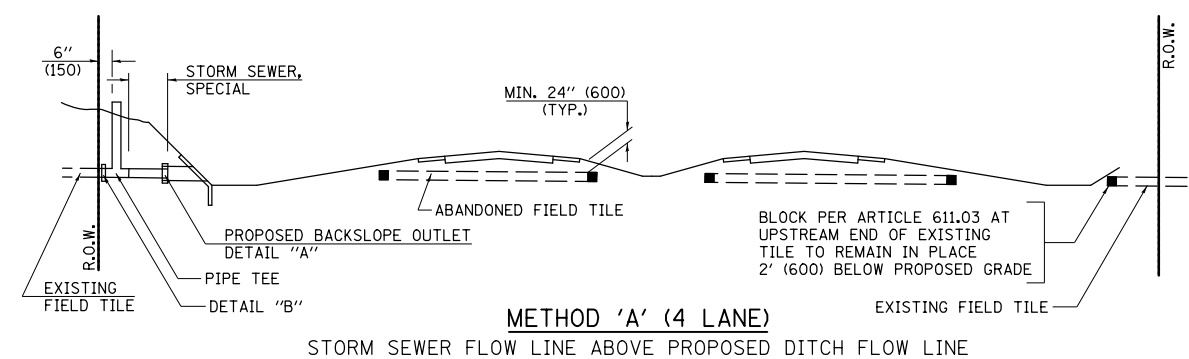
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



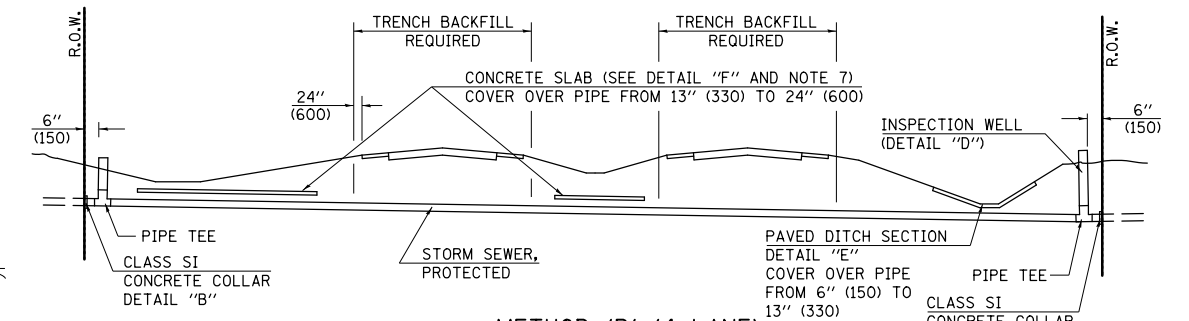
METHOD 'B' (2 LANE)

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



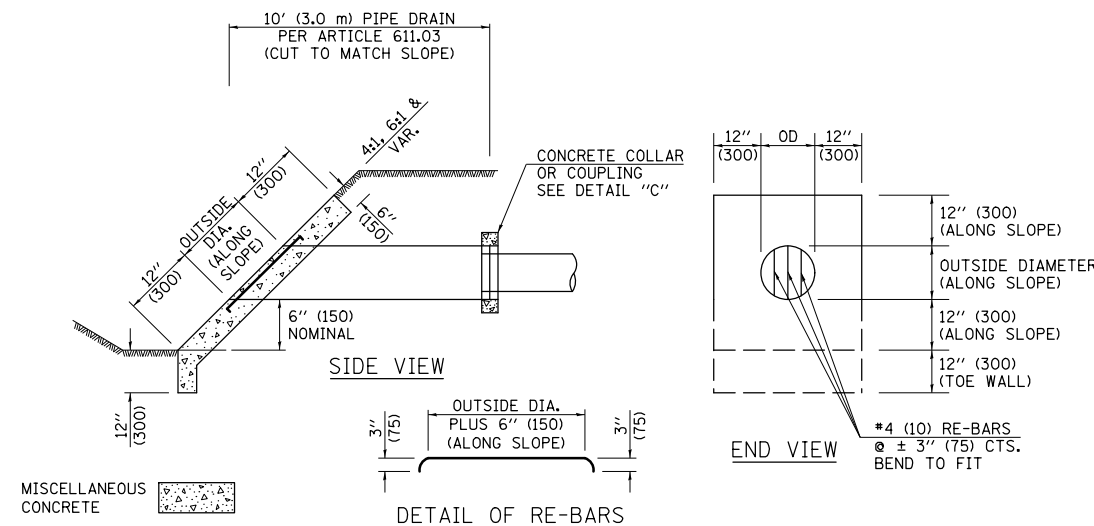
METHOD 'A' (4 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

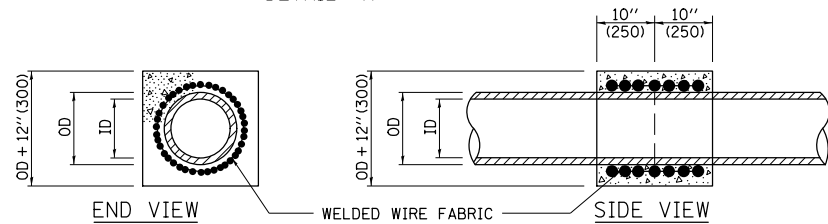


METHOD 'B' (4 LANE)

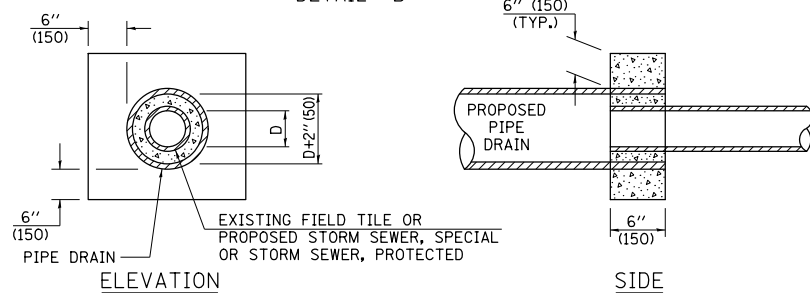
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES



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



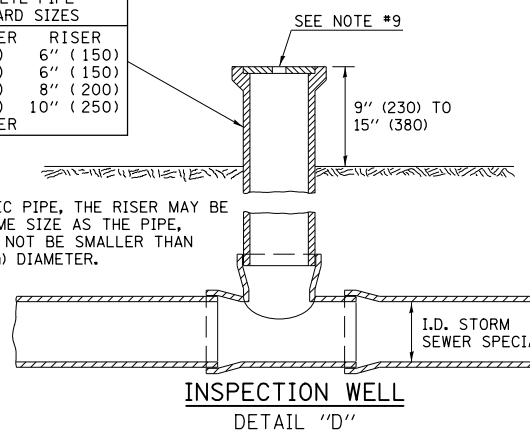
**CONCRETE COLLAR
DETAIL "B"**



**CLASS SI COLLAR
DETAIL "C"**

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

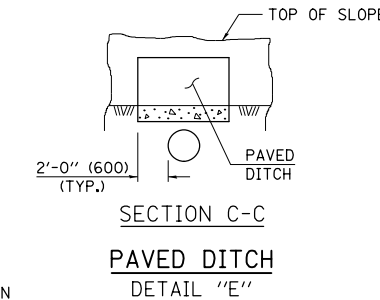
FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



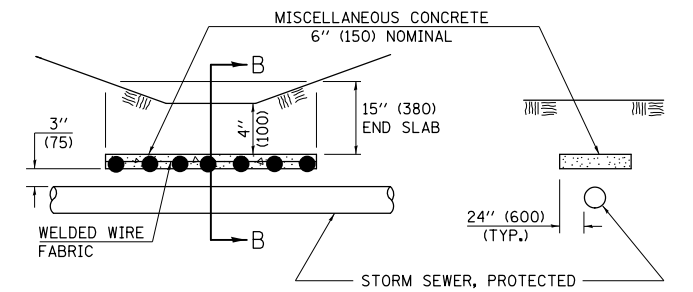
**INSPECTION WELL
DETAIL "D"**

GENERAL NOTES

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



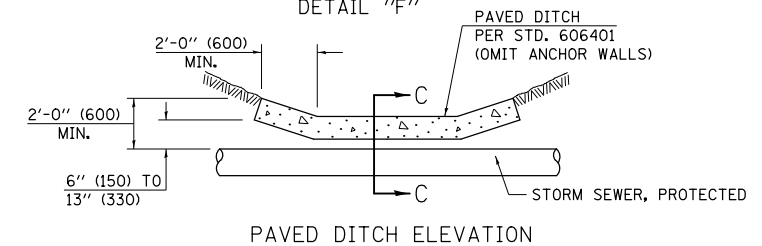
**PAVED DITCH
DETAIL "E"**



SLAB ELEVATION

**CONCRETE SLAB
DETAIL "F"**

SECTION B-B



PAVED DITCH ELEVATION

FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PI\DOT Documents\DOT Offices\District 5\Projects\057884\Design\057884-shd-details.dwg		CHECKED -	REVISED -
#MODELNAME#	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
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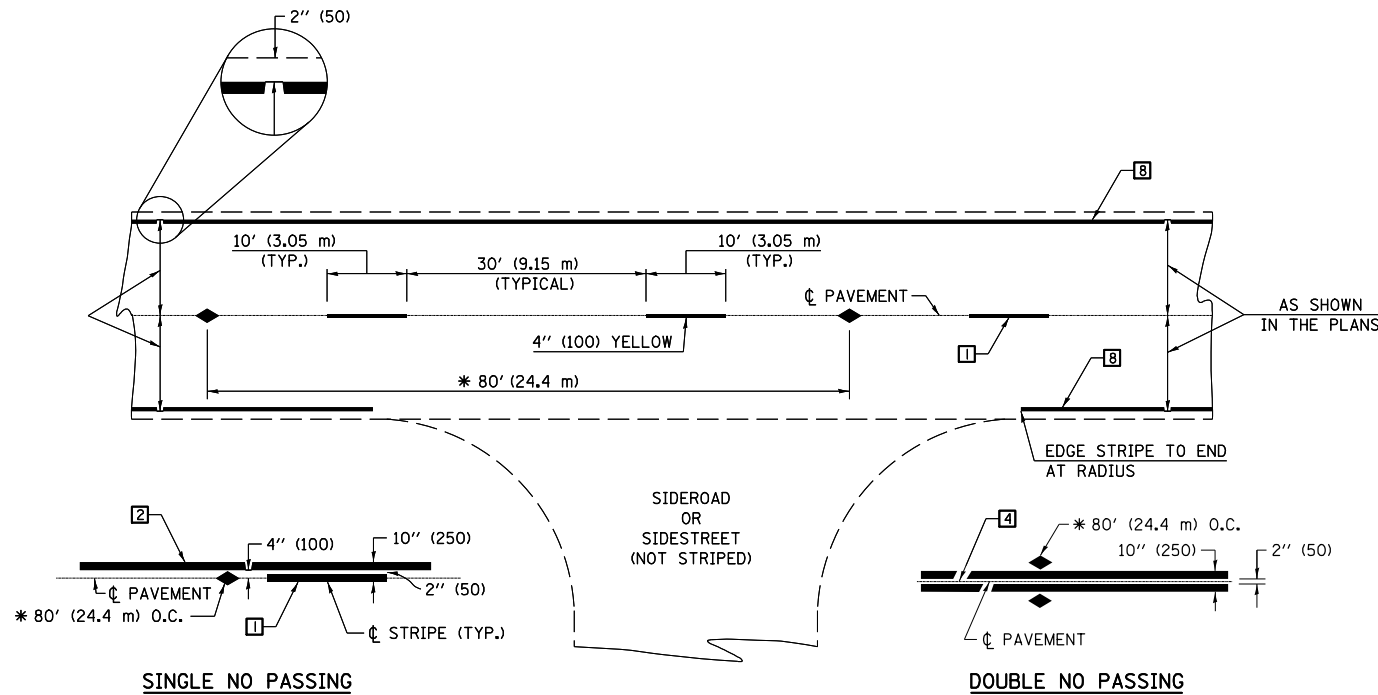
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIELD TILE SYSTEMS (TREATMENT OF EXISTING)

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

DISTRICT 5 DETAIL NO. 61101011A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(12)CR	DEWITT	33	18
				CONTRACT NO. 70B84
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

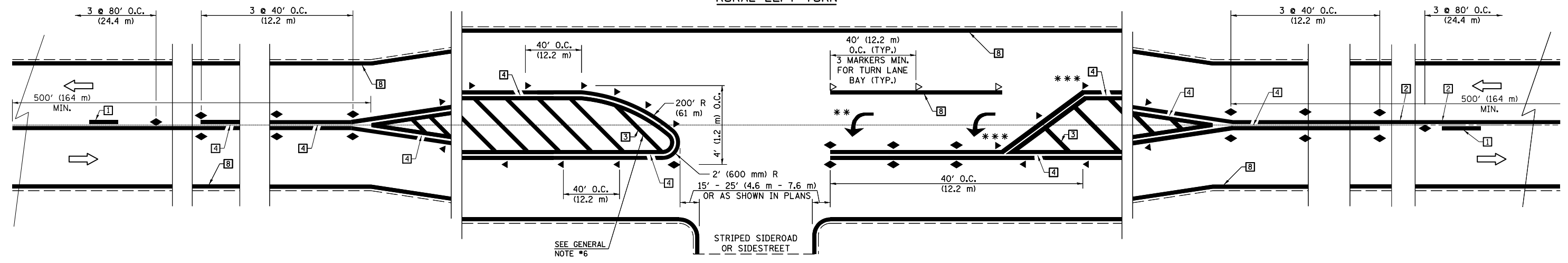
TYPICAL PAVEMENT MARKING LEGEND

- 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

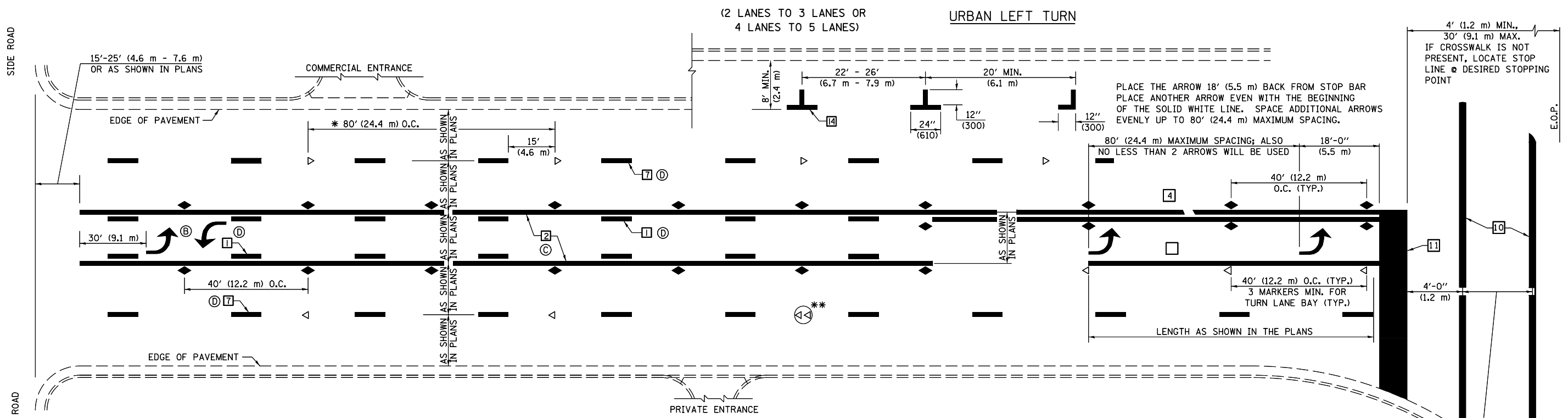
- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

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.

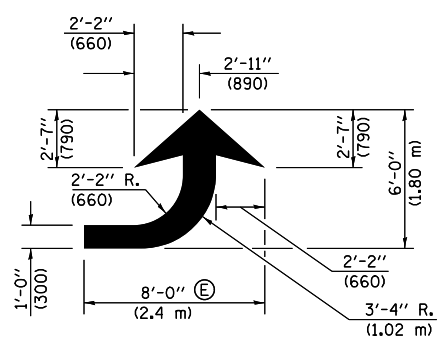


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

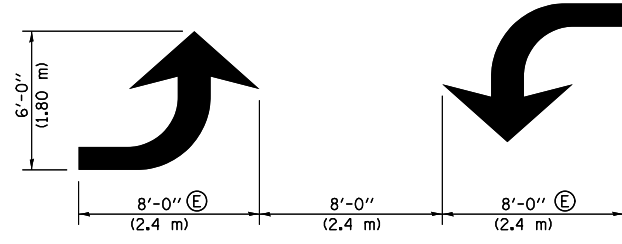
GENERAL NOTES:

- ⓑ 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)



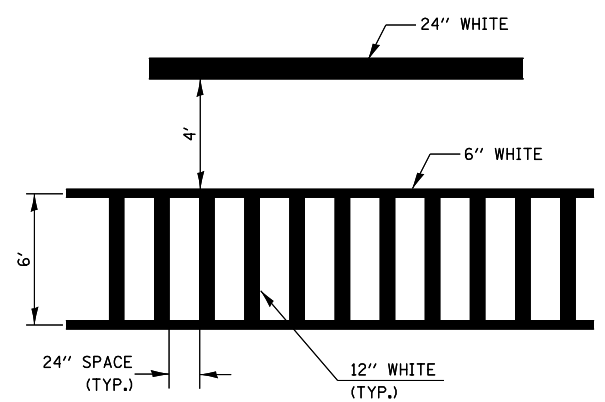
LEFT ARROW

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

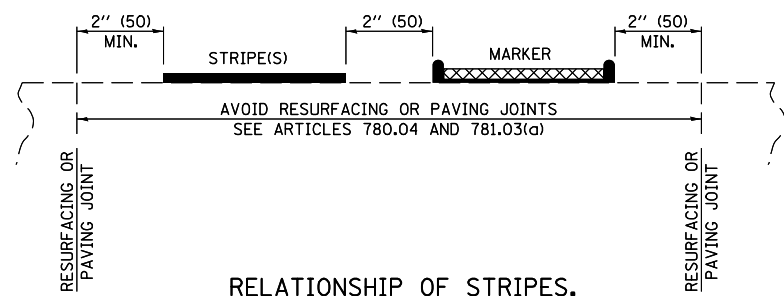


TYPICAL DOUBLE TURN ARROWS (WHITE)

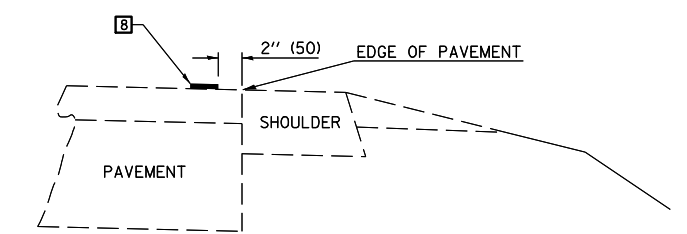
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



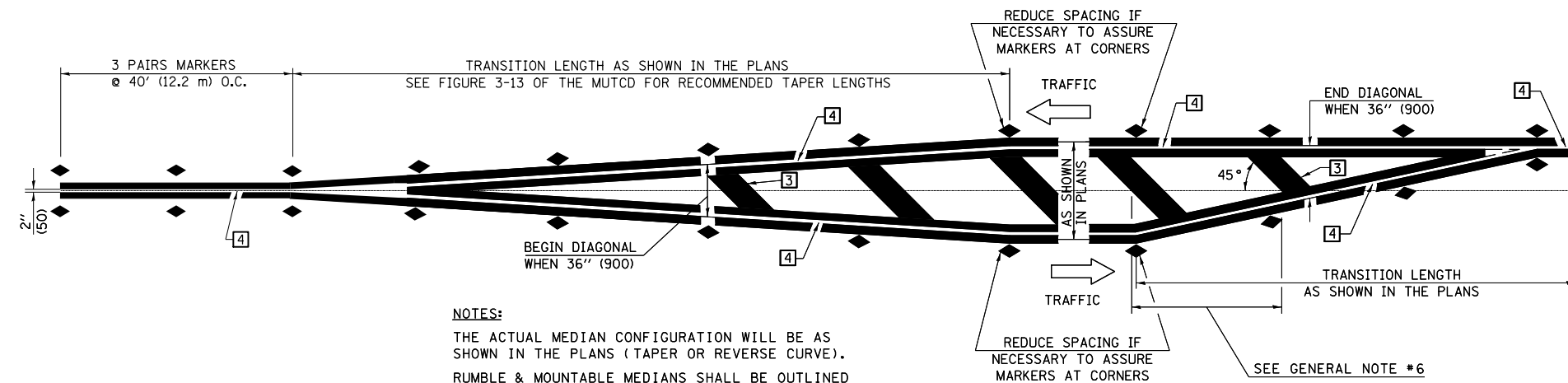
RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

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

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL AND URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

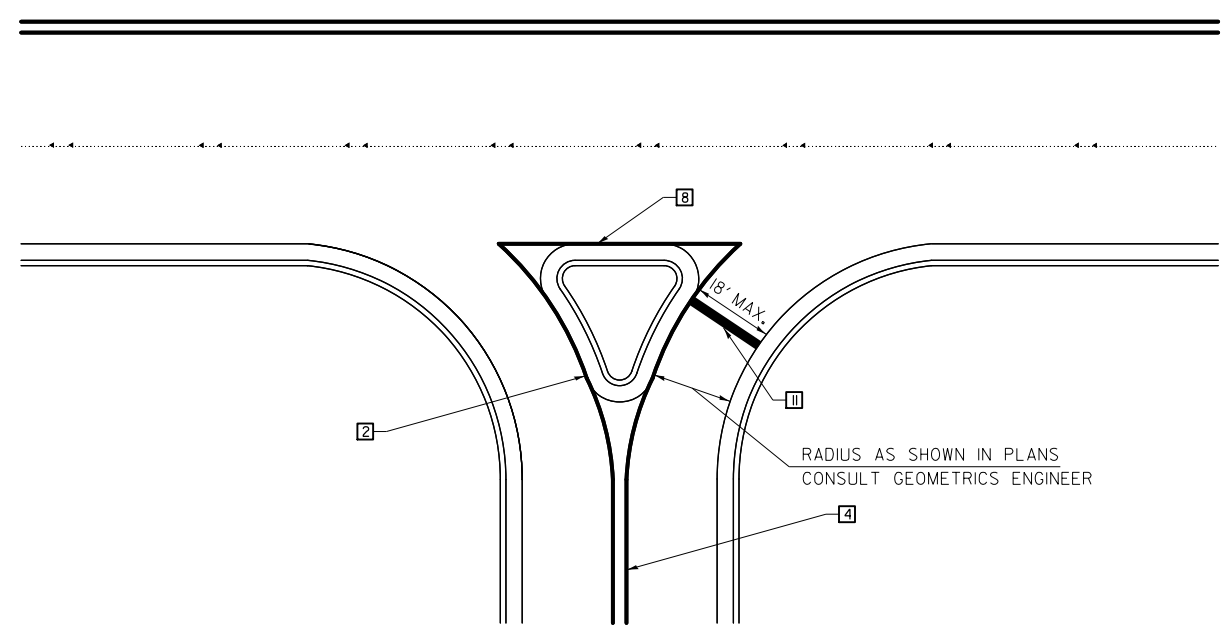
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.



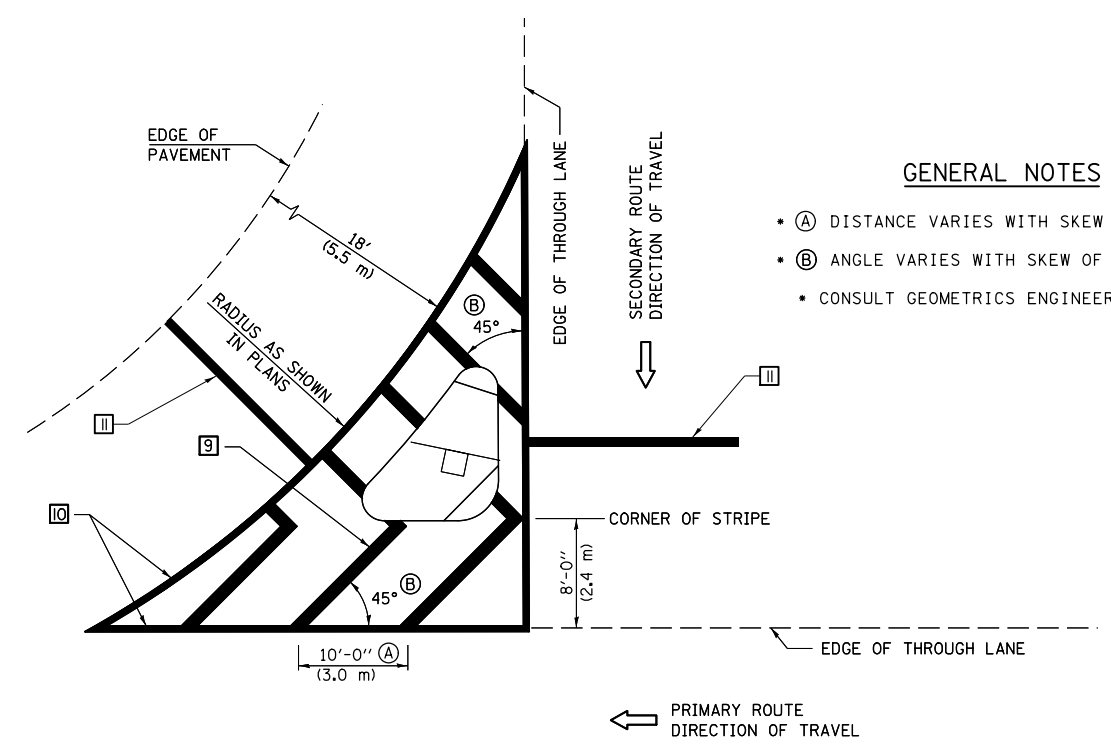
GENERAL NOTES

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)

TYPICAL MEDIAN TRANSITIONS



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

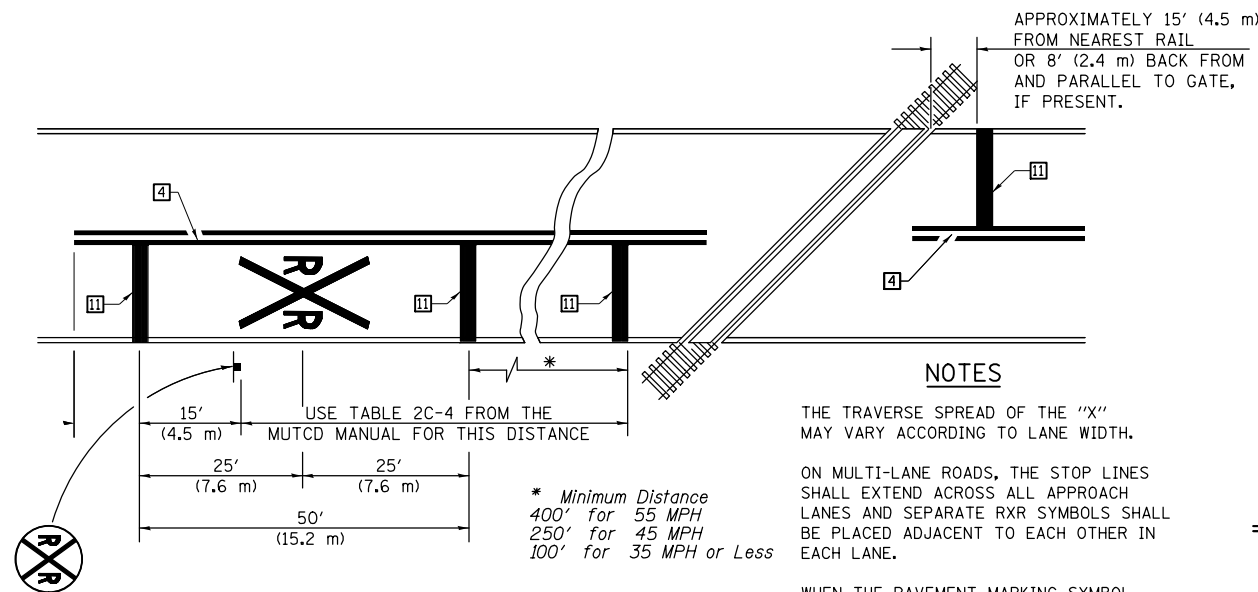
- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

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

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL AND URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70B84					
	PLOT DATE = 1/27/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET 3 OF 4 SHEETS		STA.	TO STA.		



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

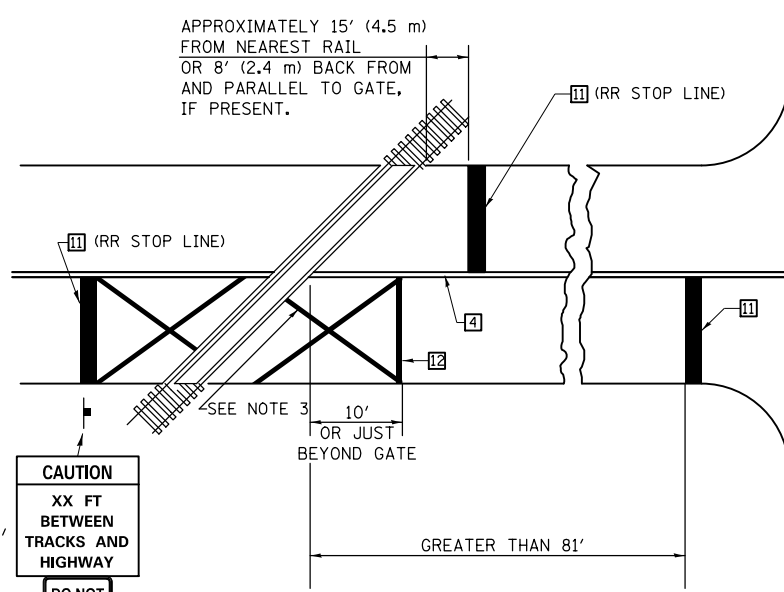
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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.

* Minimum Distance
 400' for 55 MPH
 250' for 45 MPH
 100' for 35 MPH or Less

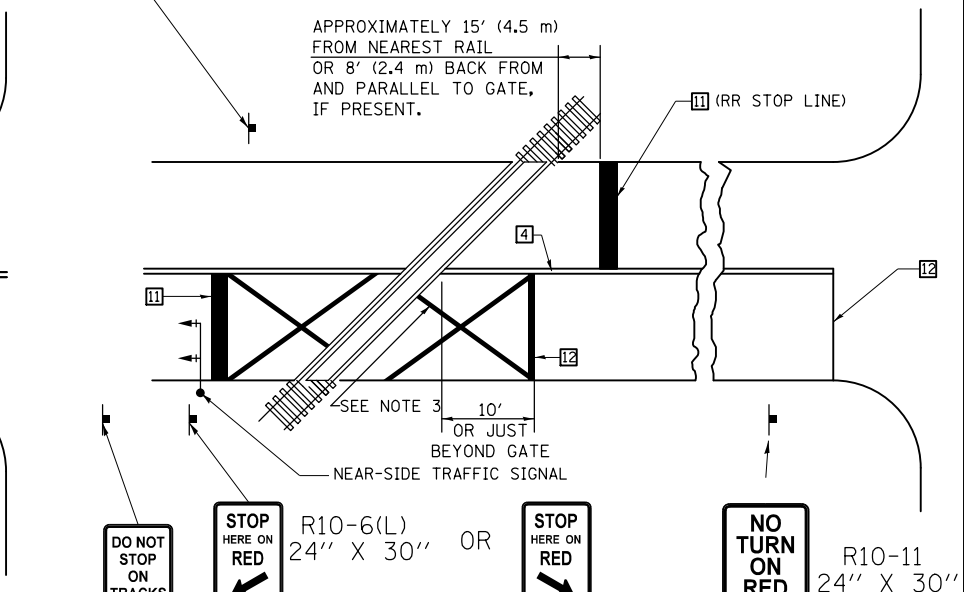
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-1100
30" X 36"

R8-8
24" X 30"

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



R8-8
24" X 30"

R10-6(L)
24" X 30"

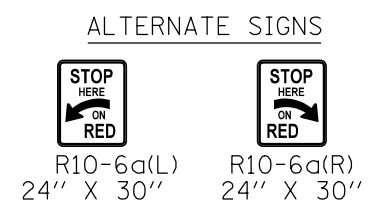
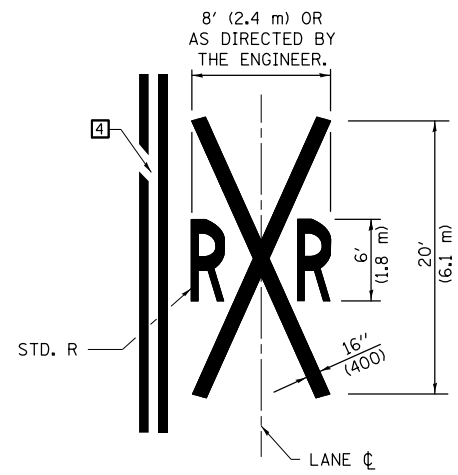
OR

R10-6(R)
24" X 30"
IF IN MEDIAN

R10-11
24" X 30"

R8-8
24" X 30"

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

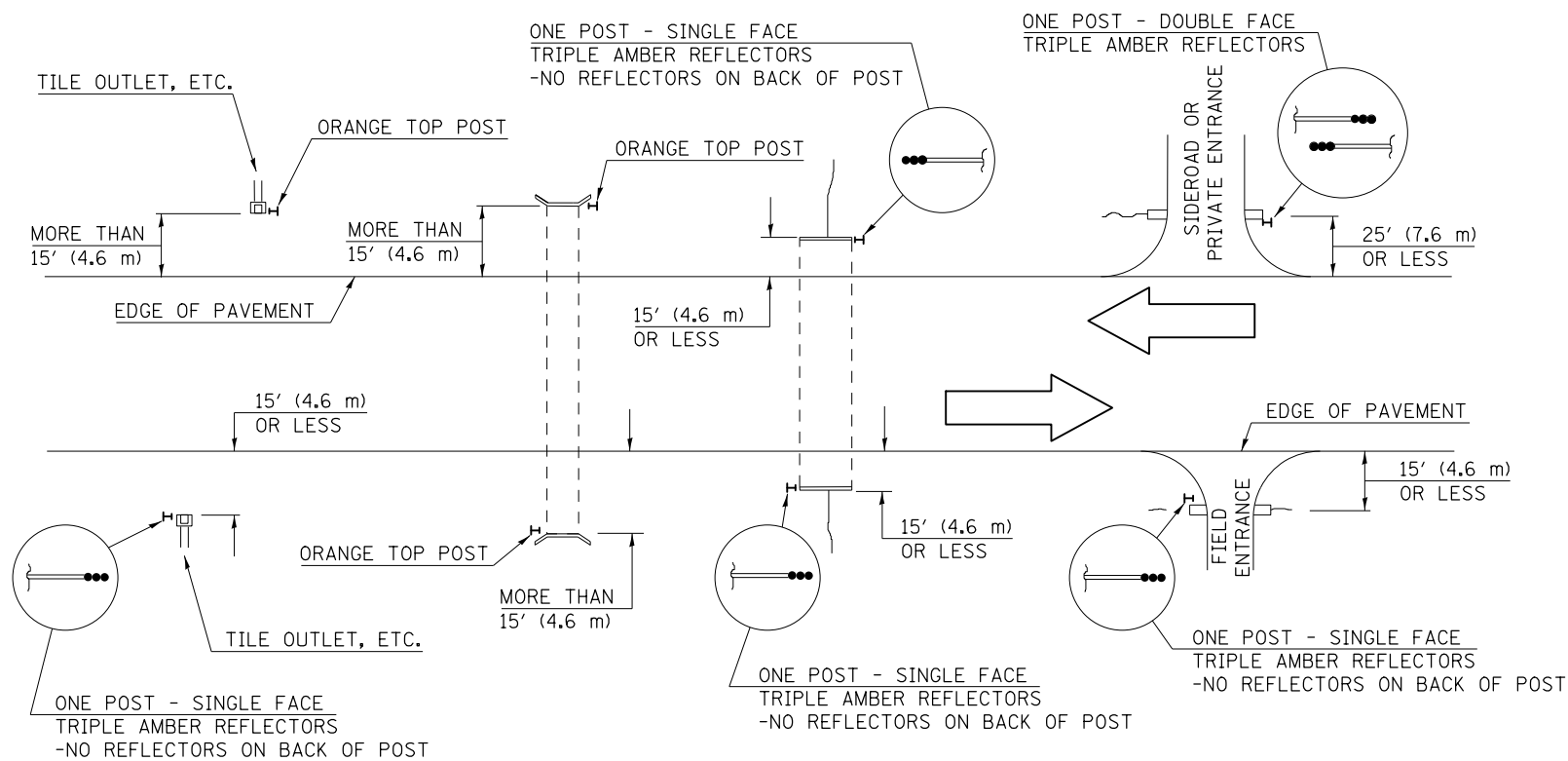


GENERAL NOTES

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

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

IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS



BILL OF MATERIALS

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL		N/A	N/A	
DOUBLE CRYSTAL			N/A	
SINGLE AMBER			N/A	
DOUBLE AMBER		N/A	N/A	
TRIPLE AMBER	2.0		N/A	2.0
ORANGE TOP	N/A	N/A		
			TOTAL	2.0

NOTES

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF ROAD AS THE HAZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

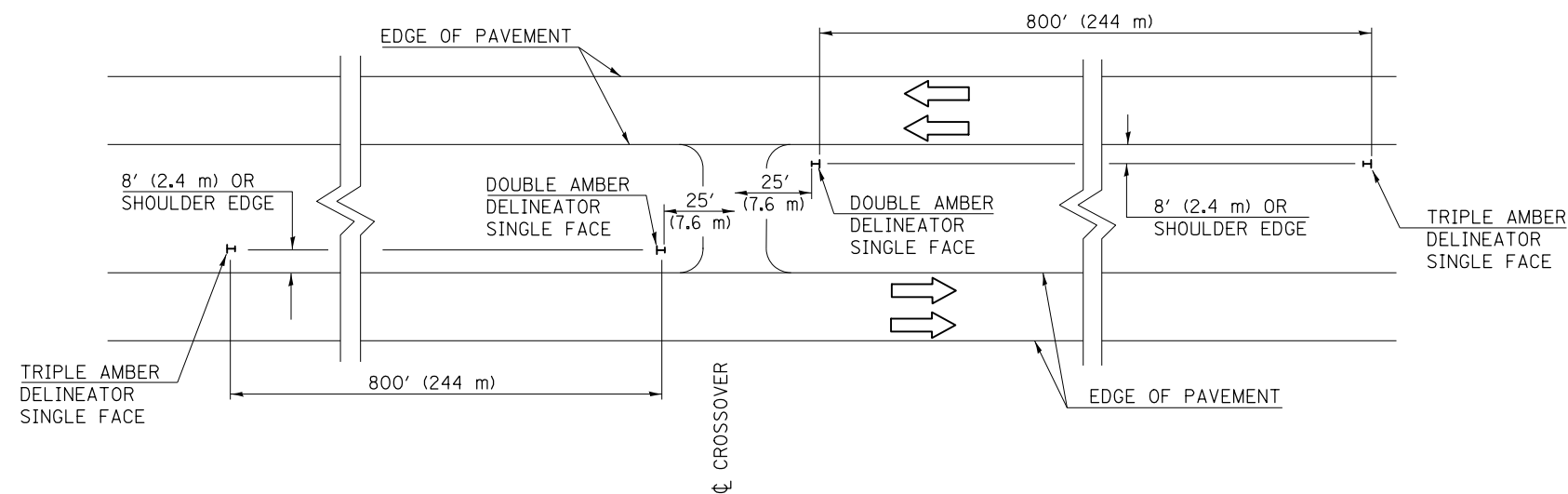
EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

POSTS INDICATED AS "ORANGE TOP" SHALL HAVE NO REFLECTORS. THEY SHALL HAVE THE TOP 12" (300 mm) (MINIMUM) OF THE POST PAINTED A BRIGHT ORANGE COLOR SIMILAR TO CONSTRUCTION SIGNS, AND SHALL MEET THE APPROVAL OF THE ENGINEER. FLUORESCENT PAINT OR OTHER SPECIAL RETROREFLECTIVE COATINGS WILL NOT BE REQUIRED.

FOR ONE-WAY ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS. ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.

MEDIAN DELINEATORS AT CROSSOVER
(FOR INTERSTATES, EXPRESSWAYS, DUAL HIGHWAYS)



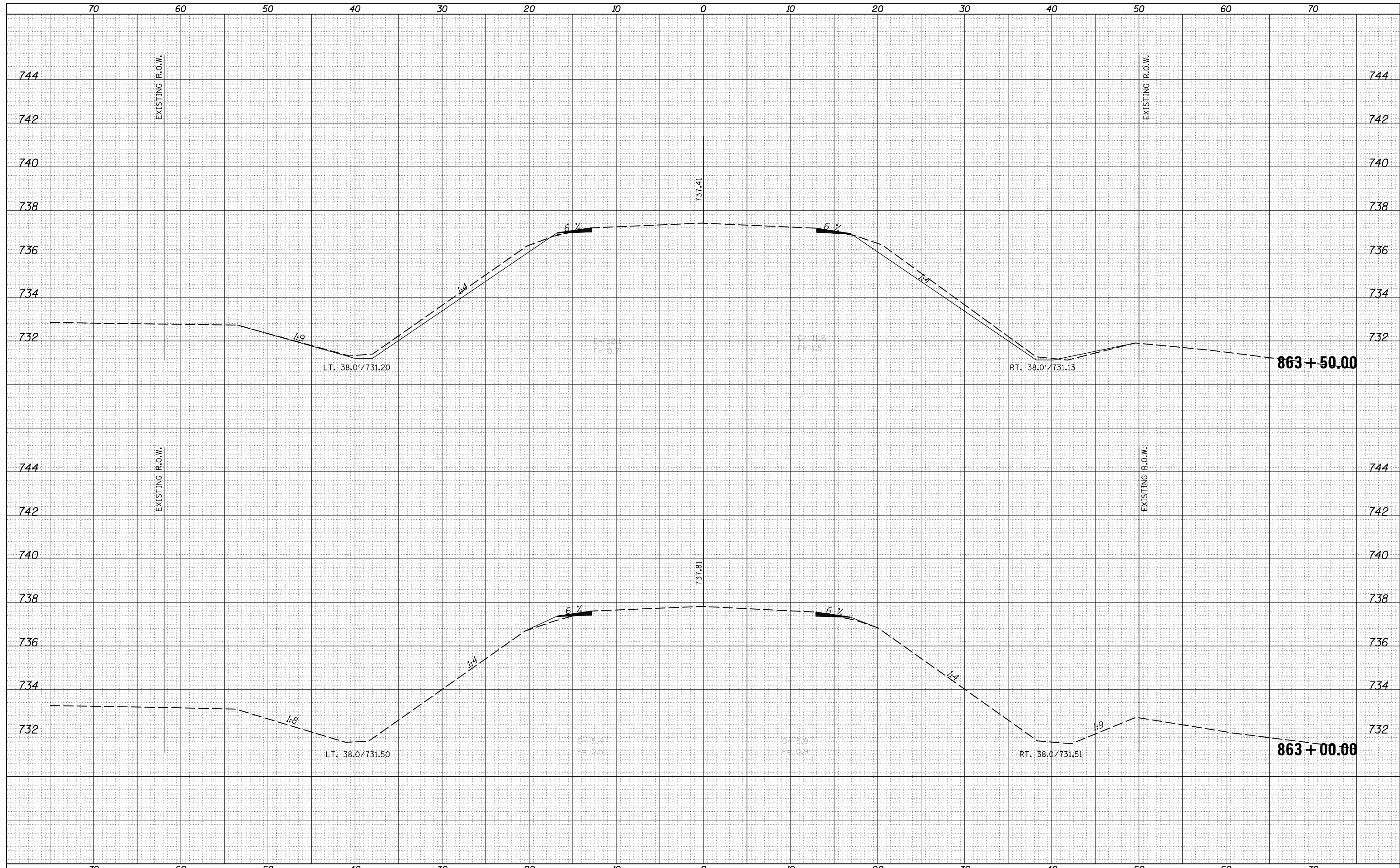
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 63500105

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PLOT SCALE = 40.0000' / in.		DATE -	REVISED -		CONTRACT NO. 70B84								
PLOT DATE = 1/27/2017					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT						

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

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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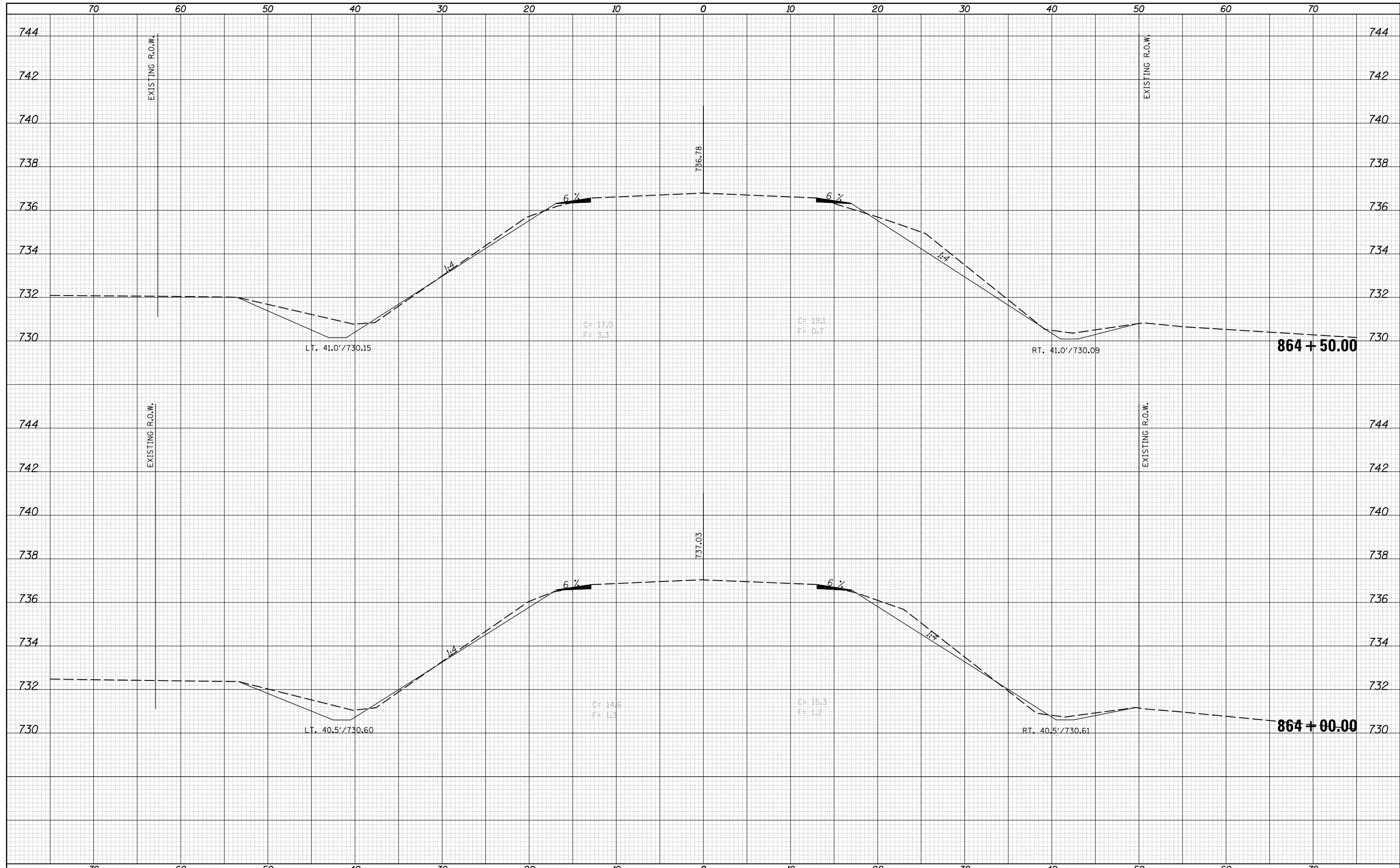
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. 54 CROSS SECTIONS

SCALE: SHEET 1 OF 10 SHEETS STA. 863+00.00 TO STA. 863+50.00

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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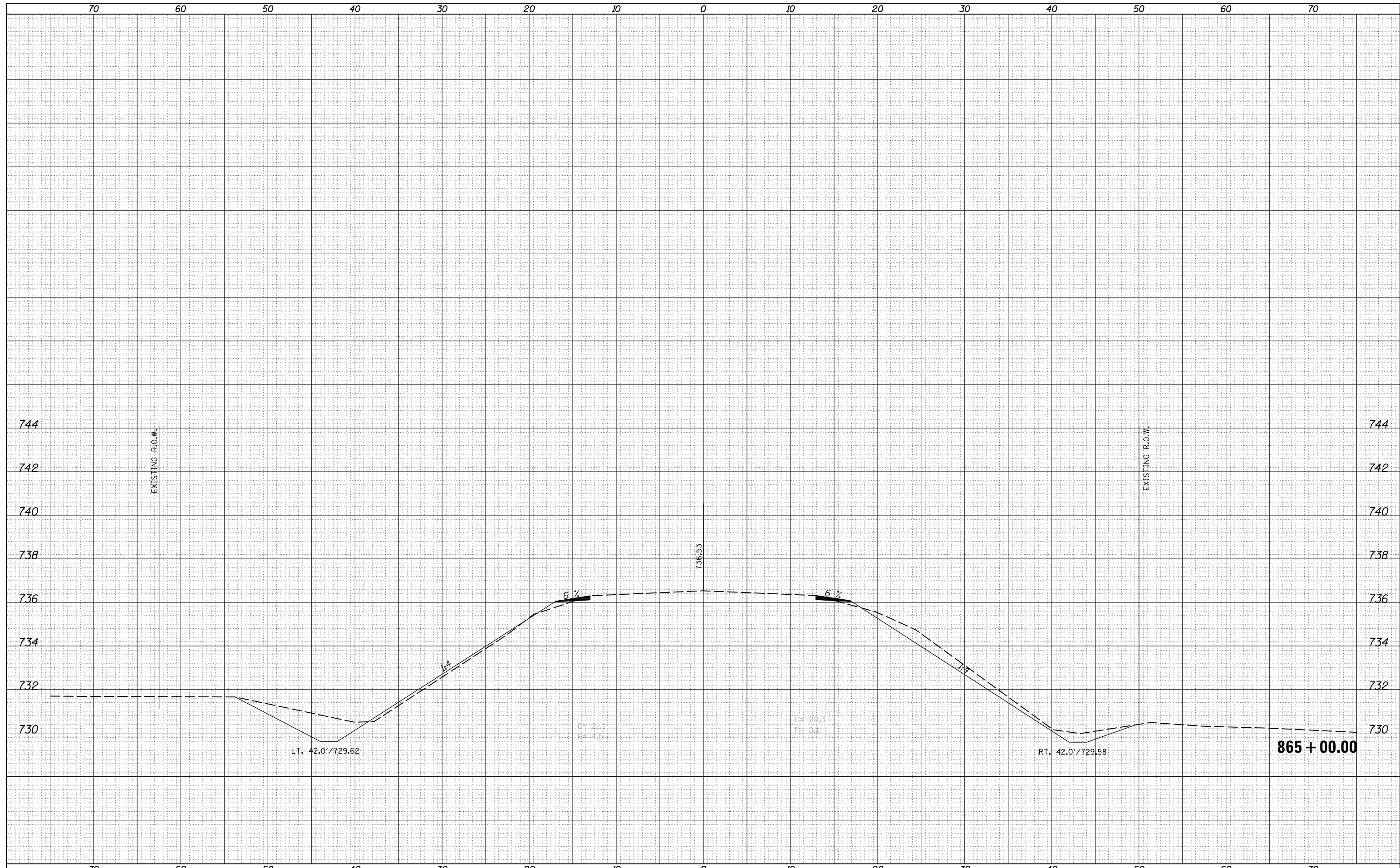
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. 54 CROSS SECTIONS

SCALE: SHEET 2 OF 10 SHEETS STA. 864+00.00 TO STA. 864+50.00

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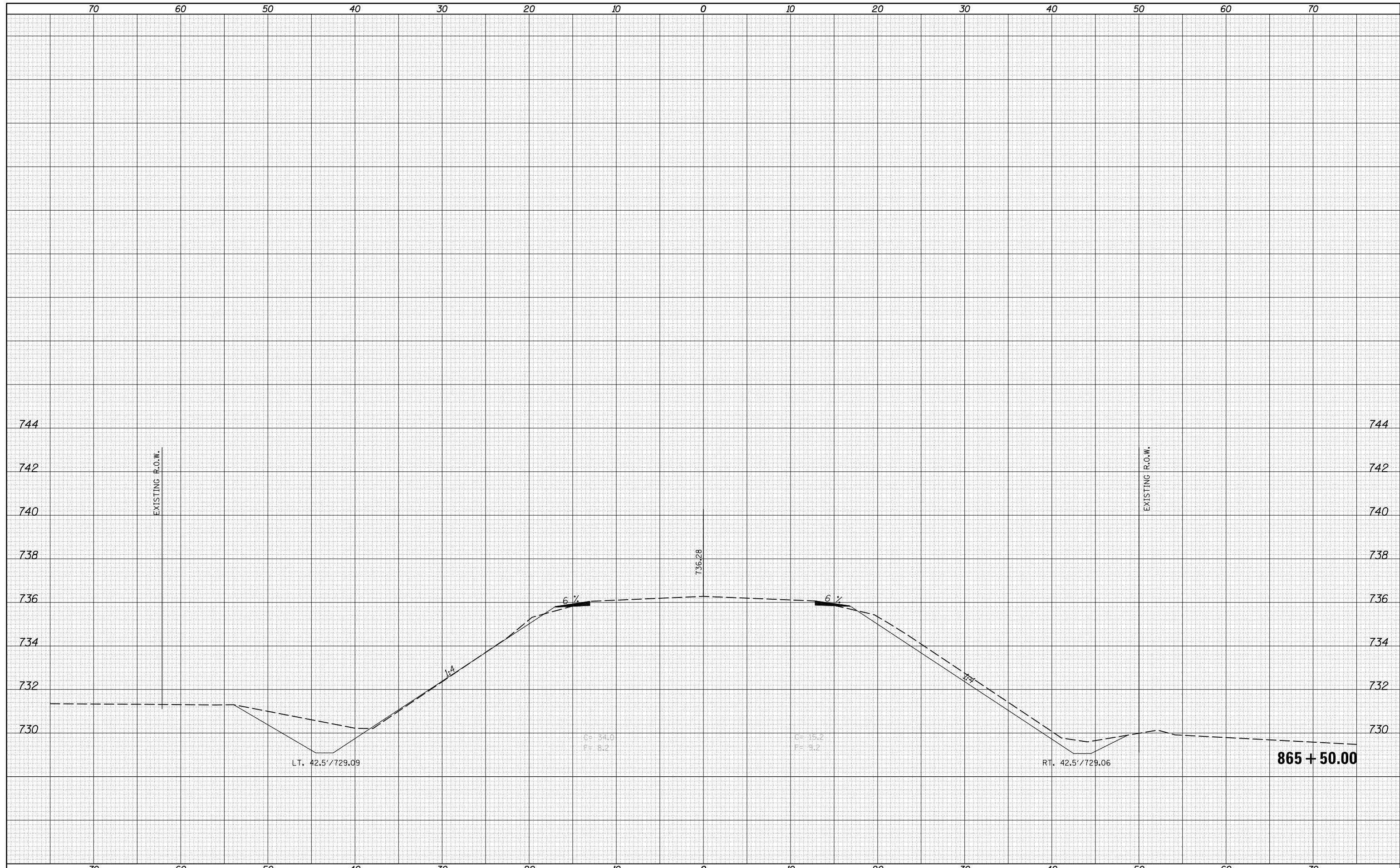
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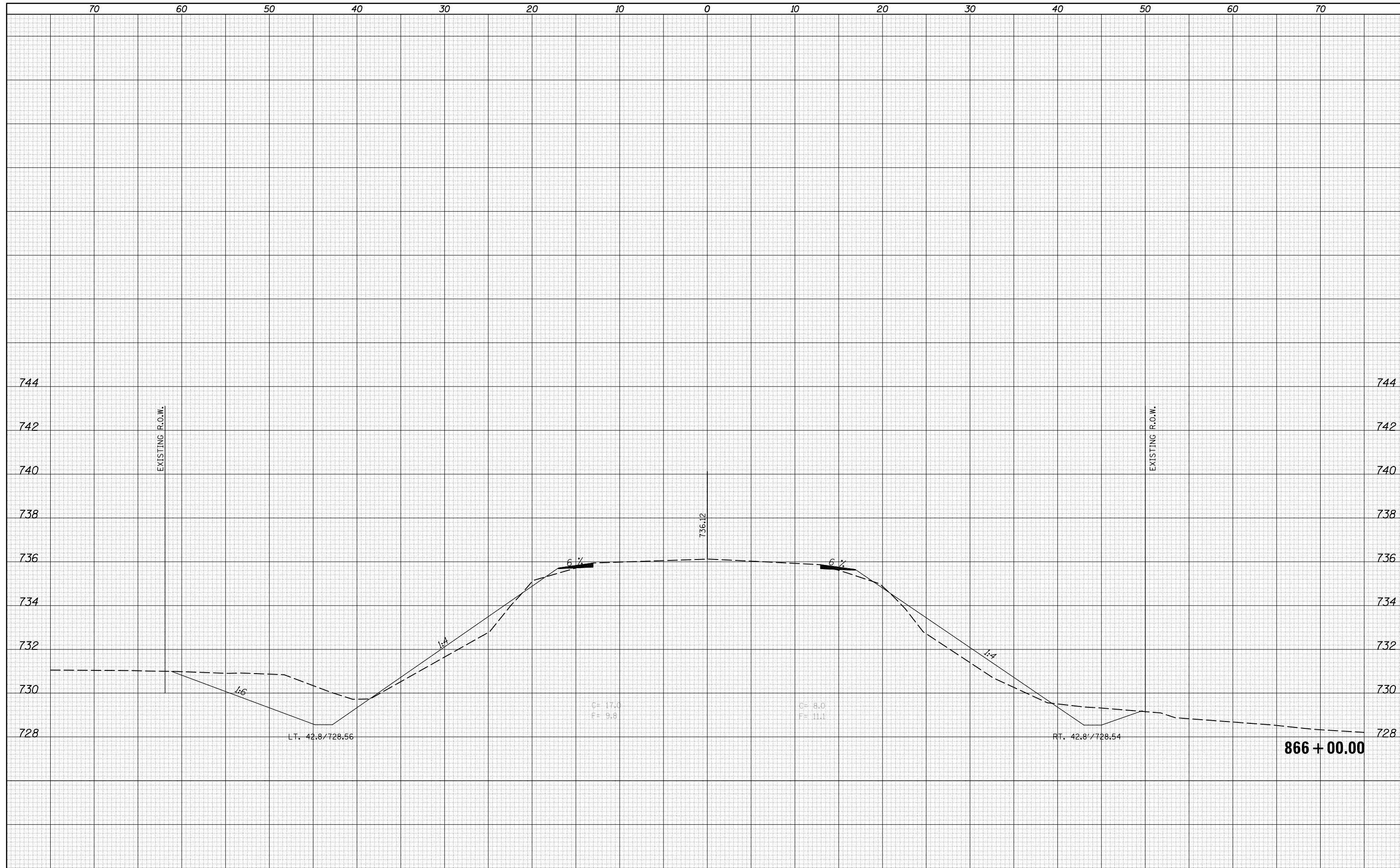
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DATE = 1/27/2017	DATE -	REVISÉ -	REVISÉ -			ILLINOIS FED. AID PROJECT				
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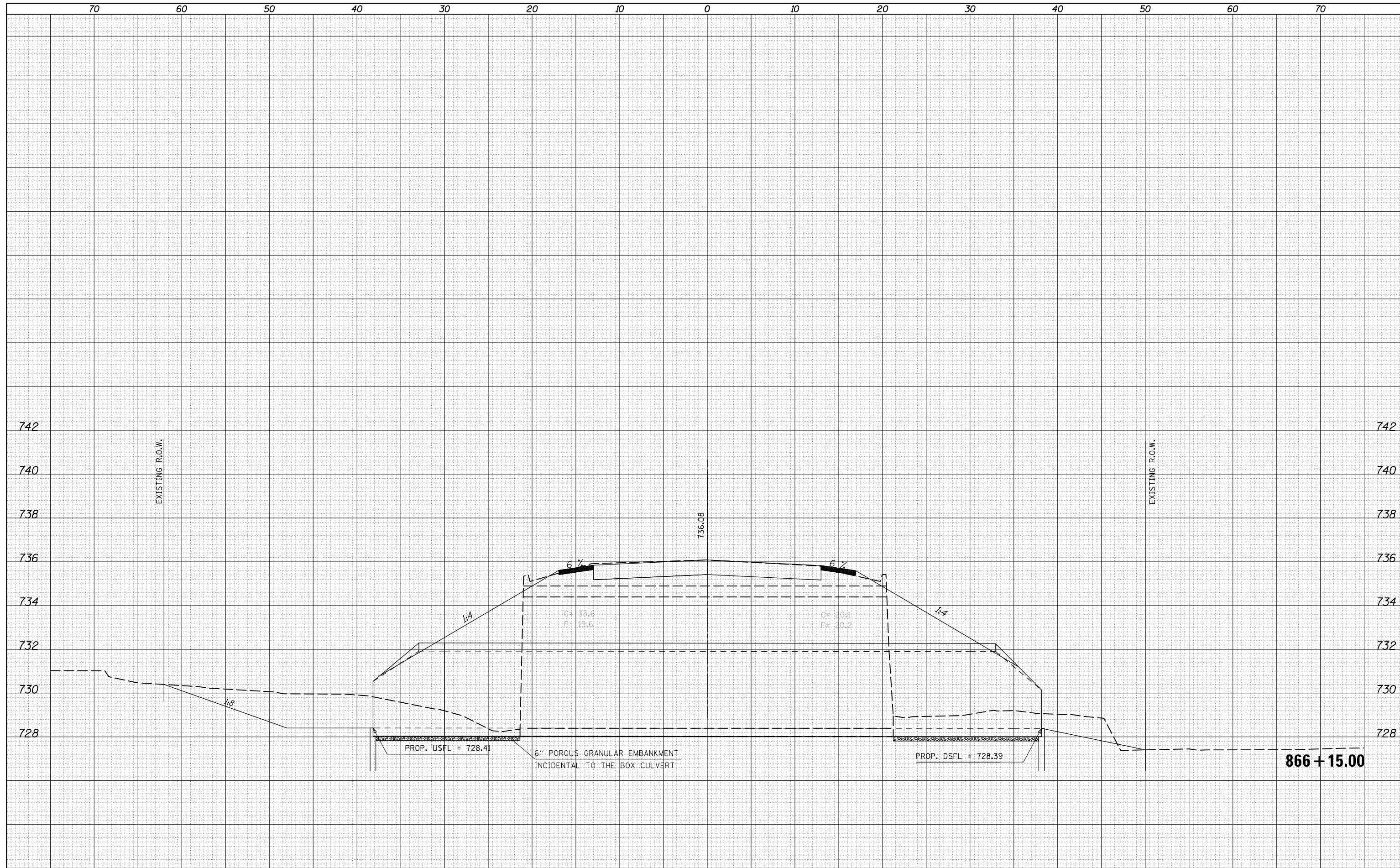
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						SCALE:	SHEET 5 OF 10 SHEETS	STA. 866+00.00 TO STA. 866+00.00		

DATE	
BY	
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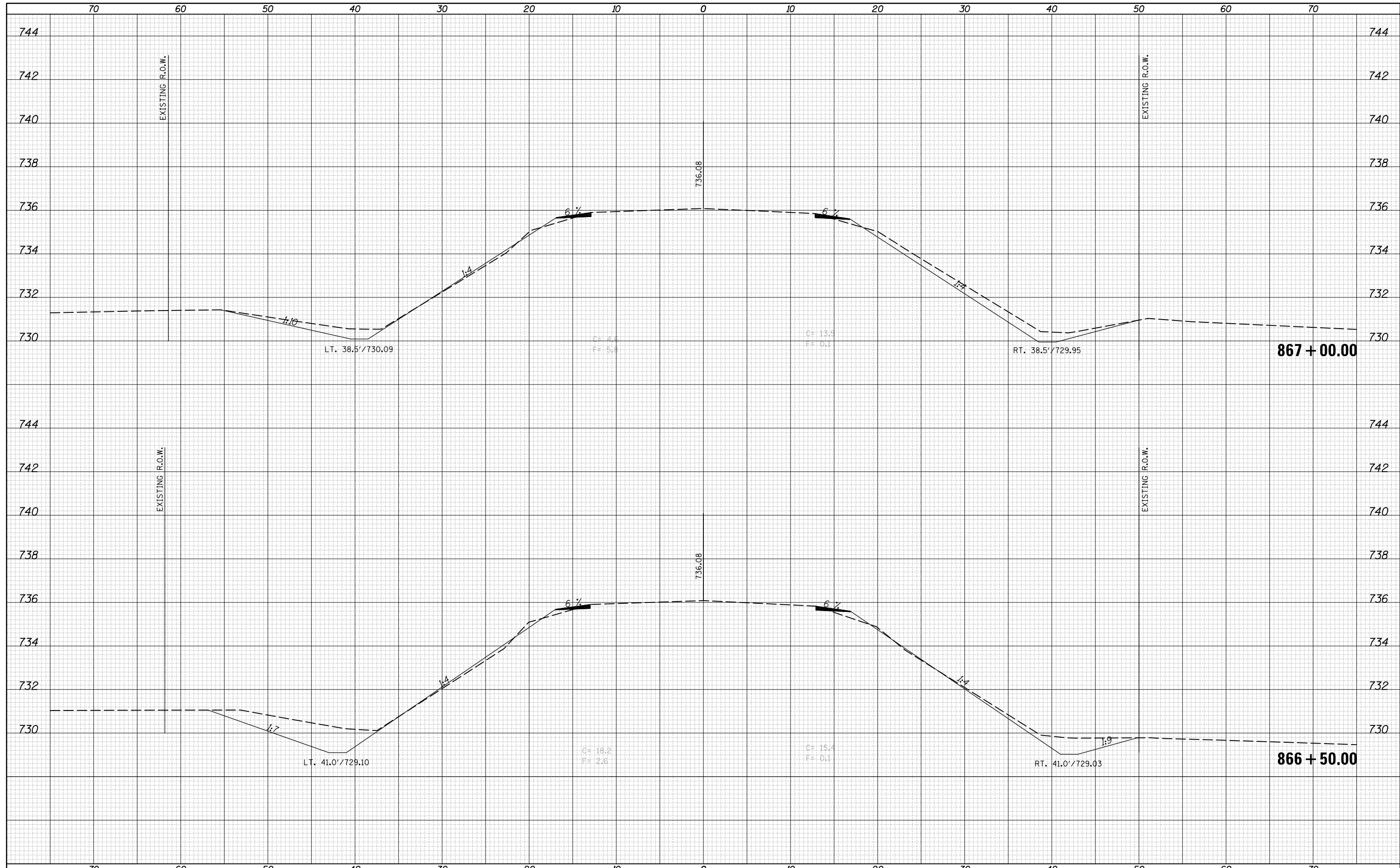
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\$MODELNAME\$	DATE -	REVISÉ -	REVISÉ -	ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET 6 OF 10 SHEETS STA. 866+15.00 TO STA. 866+15.00			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. 54 CROSS SECTIONS

DATE	
BY	
FINAL SURVEY	SURVEYED
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	AREAS
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DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

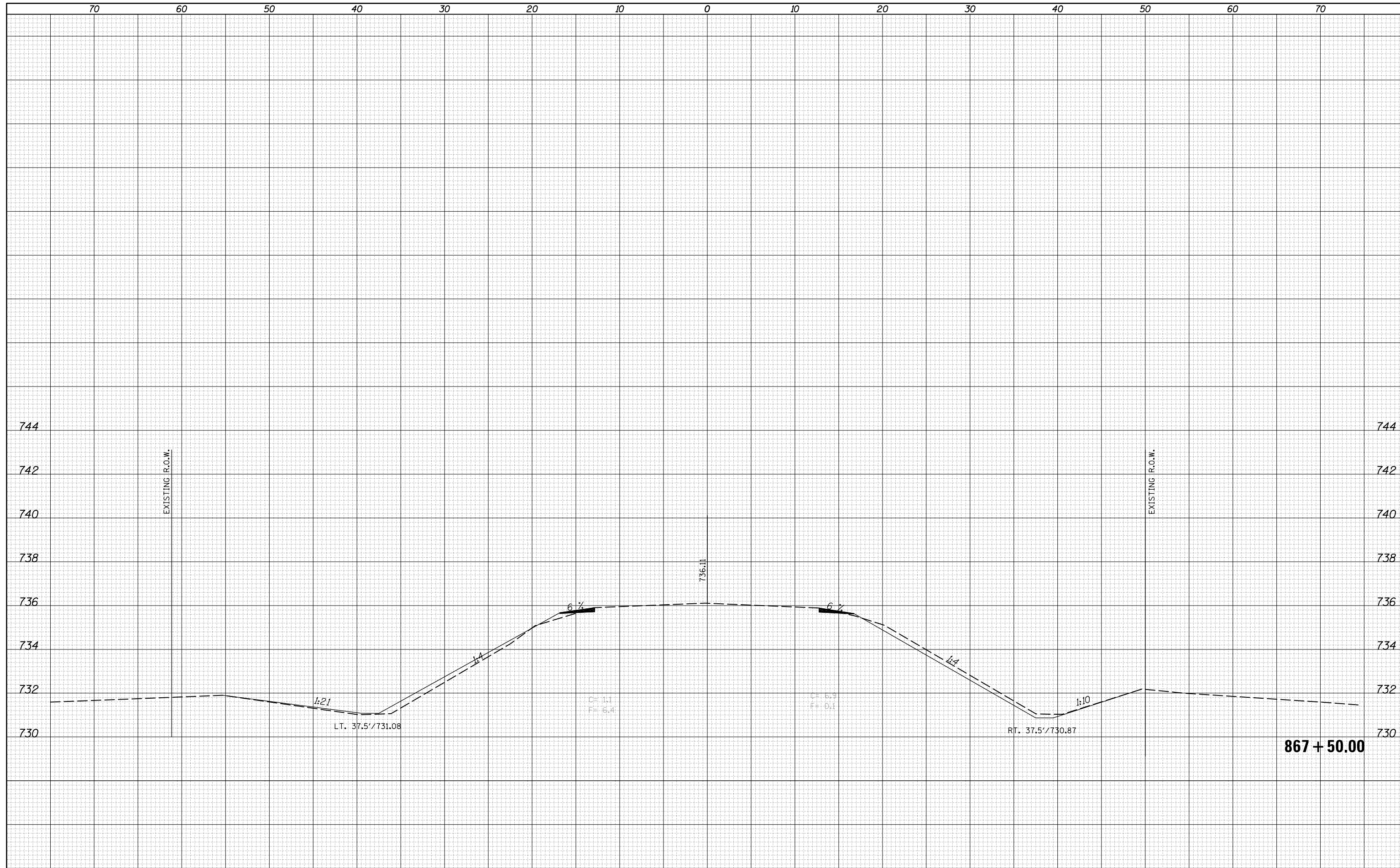
IL 54 CROSS SECTIONS

SCALE: SHEET 7 OF 10 SHEETS STA. 866+50.00 TO STA. 867+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(12)CR	DEWITT	33	30
CONTRACT NO. 70B84				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DATE	
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ORIGINAL SURVEY	SURVEYED
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PLLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -
PLLOT DATE = 1/27/2017	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 8 OF 10 SHEETS STA. 867+50.00 TO STA. 867+50.00

IL. 54 CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(12)CR	DEWITT	33	31
CONTRACT NO. 70B84				
ILLINOIS FED. AID PROJECT				

867 + 50.00

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

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

