

04-28-2017 LETTING ITEM 106

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-8

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2017-5	VERMILION	41	1
		ILLINOIS	CONTRACT NO. 70C44	

• F.A.S. ROUTE 331 & F.A.S. ROUTE 509

CURRENT TRAFFIC DATA FOR FAS 331 (CH 10)

	LEG "A"	LEG "B"	LEG "C"
2016 ADT =	2750	2250	1850
P.U. %	89.3	90.5	90.8
S.U. %	7.9	7.0	6.4
M.U. %	2.8	2.5	2.8

LEG "A" is FAS 331 from US 150 to Lee St. in Oakwood.
LEG "B" is FAS 331 from Lee St. in Oakwood to TR 317.
LEG "C" is FAS 331 from TR 317 to FAS 512.

CURRENT TRAFFIC DATA FOR FAS 509

	LEG "A"	LEG "B"
2016 ADT =	750	850
P.U. %	88.0	84.3
S.U. %	7.6	11.5
M.U. %	4.4	4.2

LEG "A" is FAS 509 from the WCL of Indianola to FAS 511 (Vermillion St.).
LEG "B" is FAS 509 from FAS 511 (Vermillion St.) to FAS 506.

DESIGN DESIGNATION
N/A

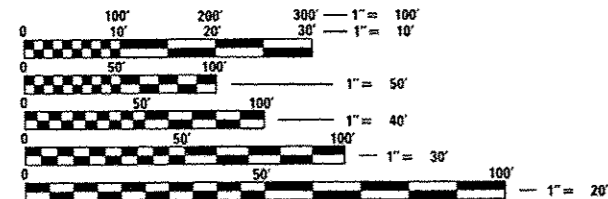
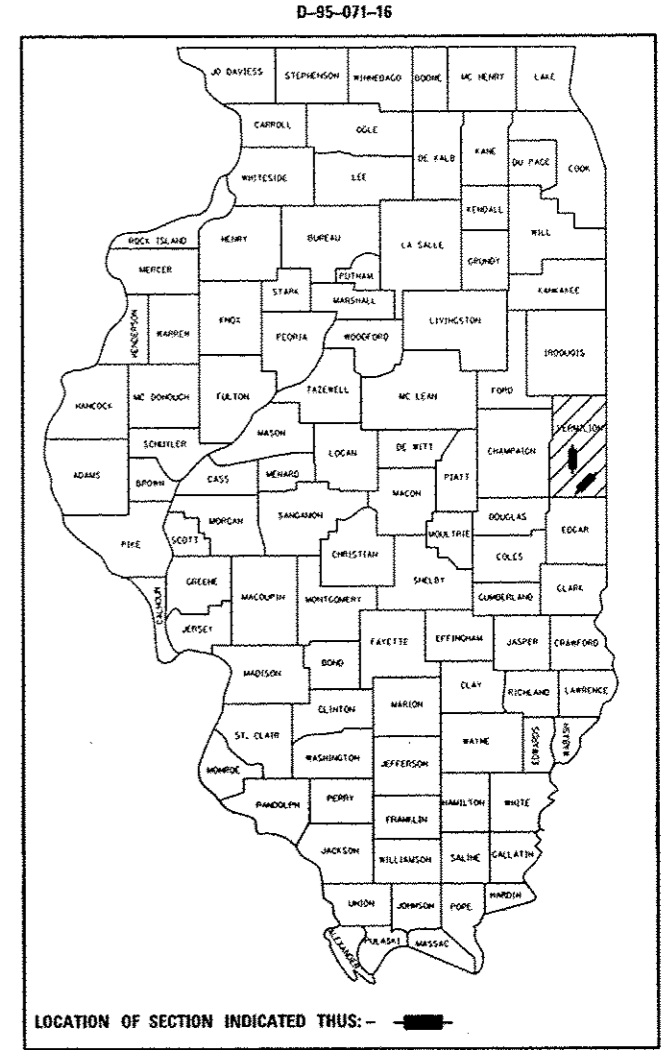
**PROPOSED
HIGHWAY PLANS**

**F.A.S. ROUTE 331 (CH 10) & F.A.S. ROUTE 509 (INDIANOLA RD)
SECTION: D5 CM PATCHING 2017-5**

**PATCHING EROSION CONTROL
VERMILION COUNTY**

C-95-071-16

S OF OAKWOOD; INDIANOLA



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
OAKWOOD, CATLIN, & CARROLL TOWNSHIPS

PROJECT ENGINEER: NANCY FASIG
SQUAD LEADER: BRIAN J. HOGAN
DESIGNER: ROBERT A. HODGSON
PHONE NUMBER: (217)-465-4181
CONTRACT NO. 70C44

FOR LOCATION MAP, SEE SHEET #2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

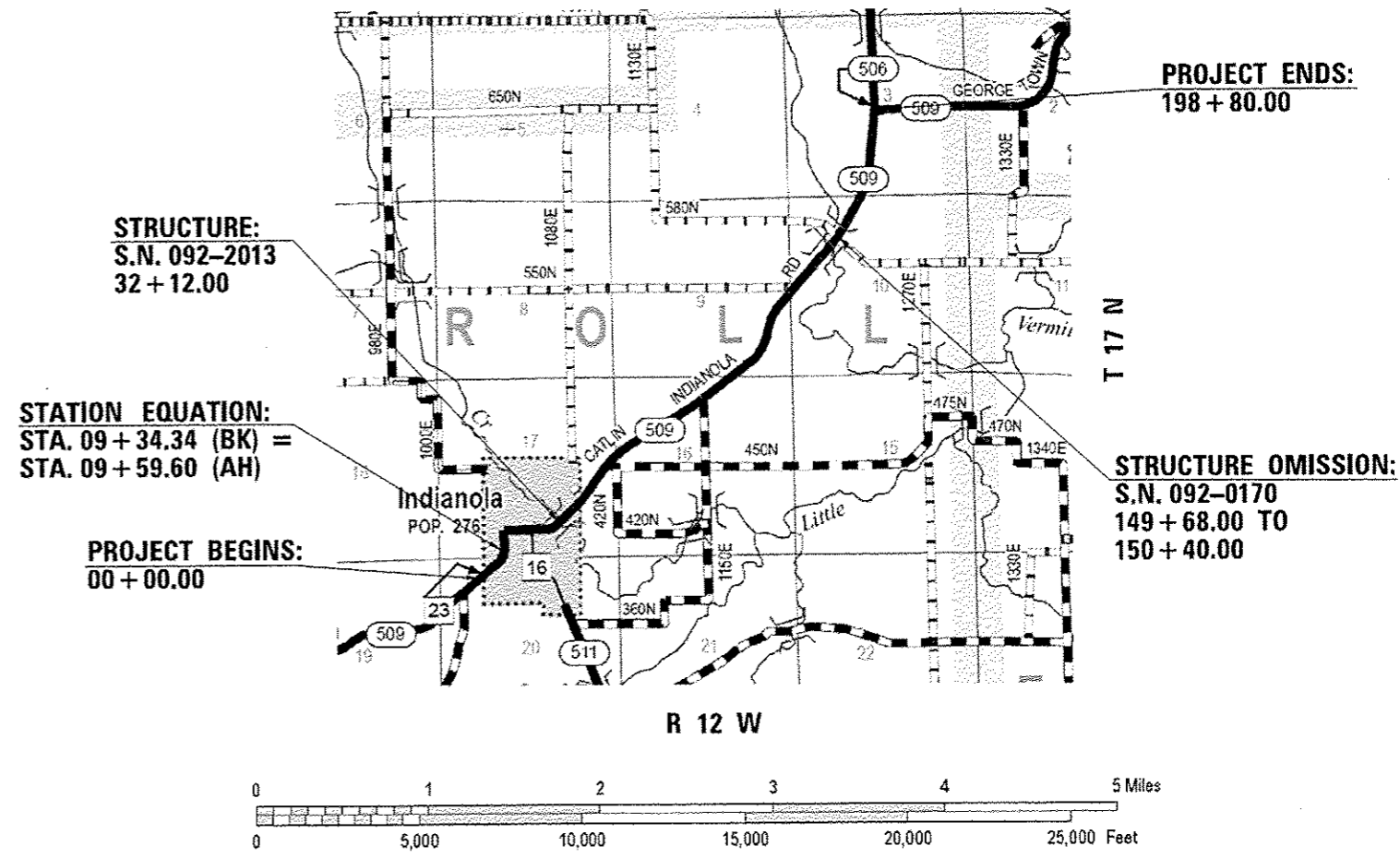
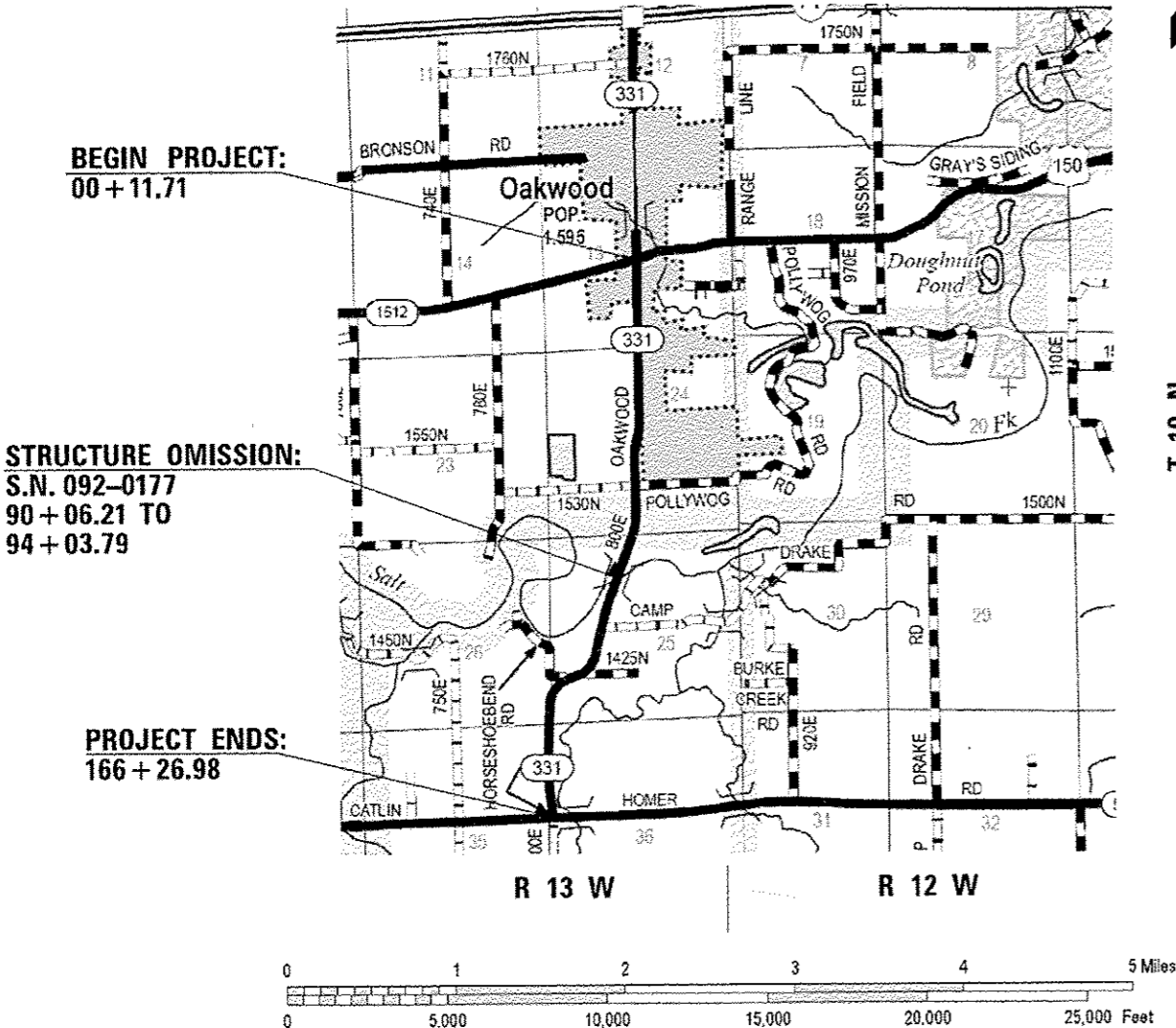
SUBMITTED JANUARY 9 20 17
Kensil A. Garnett
REGIONAL ENGINEER

MAR 24 20 17
Maureen M. Addis PE
ENGINEER OF DESIGN AND ENVIRONMENT

MAR 24 20 17
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

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

LOCATION MAPS



TOTAL PROJECT

GROSS LENGTH = 36,470.01 FT. = 6.907 MILES
 NET LENGTH = 36,000.43 FT. = 6.818 MILES

F.A.S. 331 (CH 10) LOCATION

GROSS LENGTH = 16,615.27 FT. = 3.147 MILES
 NET LENGTH = 16,217.69 FT. = 3.072 MILES

F.A.S. 509 LOCATION

GROSS LENGTH = 19,854.74 FT. = 3.760 MILES
 NET LENGTH = 19,782.74 FT. = 3.747 MILES

FILE NAME = USER NAME = hodgson DESIGNED - REVISED - CHECKED - DATE -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				LOCATION MAPS SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.				F.A.S. ROUTE 331 & F.A.S. ROUTE 509 SECTION COUNTY TOTAL SHEETS SHEET NO. 05 CM PATCHING 2017-5 VERMILION 41 2 CONTRACT NO. 70C44 ILLINOIS FED. AID PROJECT			
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INDEX OF SHEETS

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24	DISTRICT 5 DETAIL NO. 606AAAAA - GUTTER DEPRESSION AT INLETS, CATCH BASINS AND MANHOLES
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HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
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
420001 - 08	PAVEMENT JOINTS
420701 - 03	PAVEMENT WELDED WIRE REINFORCEMENT
442101 - 07	CLASS B PATCHES
482006 - 03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
602301 - 04	INLET - TYPE A
602306 - 03	INLET - TYPE B
602601 - 04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001 - 04	FRAME AND LIDS, TYPE 1
604036 - 03	GRATE, TYPE 8
604041 - 03	FRAME AND GRATE, TYPE 9
606001 - 06	CONCRETE CURB TYPE B AND CONCRETE CURB AND GUTTER
701001 - 02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006 - 05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701201 - 04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701501 - 06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901 - 06	TRAFFIC CONTROL DEVICES

F.A.S. ROUTE 331 & F.A.S. ROUTE 509

FILE NAME *	USER NAME * hodgsonna	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\IL\204EBID\INTEG.ILLINOIS.GOV\PROJECTS\DDOT\Documents\DDOT Offices\District 5\Projects\0578\DRAWN\0578\Design\0578\044-shs-gennote.dwg		DRAWN	REVISED			*	05 CM PATCHING 2017-5	VERMILION	41	3	
MODEL NAME *	PLOT SCALE * 48.0000' / 1" IN.	CHECKED -	REVISED -			CONTRACT NO. 70C44					
	PLOT DATE * 1/22/2017	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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. - 100B
MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

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.-250C
SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

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 VARIOUS MULCH PAY ITEMS IN THE PLANS INCLUDE 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.-406.07
THE BOTTOM LIFT OF THE HOT-MIX ASPHALT SAFETY SHOULDER SHALL BE COMPACTED TO A MINIMUM OF 85% OF THE THEORETICAL MAXIMUM DENSITY.

G.N. -406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	F.A.S. 331	F.A.S. 331
MIXTURE USE(S):	"BOTTOM 6 1/2" LIFT HMA SHOULDER	TOP 1 1/2" LIFT HMA SHOULDER
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndes = 50	4.0% @ Ndes = 50
MIXTURE COMP (GRADATION):	IL 19.0	IL 9.5
FRICTION AGGREGATE:	N.A.	MIX C
MIXTURE WEIGHT:	112	112
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N.A.	N.A.

* THE BOTTOM LIFT WILL BE ALLOWED TO BE PLACED IN ONE LIFT.

G.N.-440B
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N. - 442B - PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF THE FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.- 550
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.- 551
EXISTING STORM SEWERS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR WILL NOT BE REQUIRED TO SALVAGE ANY EXISTING SEWER PIPE.

NO COMMITMENTS.

• F.A.S. ROUTE 331 & F.A.S. ROUTE 509

FILE NAME :	USER NAME : hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
par\11204E810INTEG\Illinois.gov\PIW007\Documents\DOT Offices\District 5\Projects\0570\BRANN\Drawings\Design\0570C44-shr-gennote.dwg		CHECKED -	REVISED -			•	D5 CM PATCHING 2017-5	VERMILION	41	4
#MODELNAME#	PLOT SCALE = 48.2222' / in.	DATE -	REVISED -		SCALE:				CONTRACT NO. 70C44	
	PLOT DATE = 1/20/2017				SHEET 1 OF 1 SHEETS				ILLINOIS FED. AID PROJECT	

LOCATION OF WORK:

F.A.S. 509 (INDIANOLA RD.)

F.A.S. 509 (INDIANOLA RD.)

F.A.S. 331 (CH 10)

F.A.S. 331 (CH 10)

RURAL ✓

RURAL ✓

RURAL ✓

RURAL ✓

MAJOR COLLECTOR

MAJOR COLLECTOR

MAJOR COLLECTOR

MAJOR COLLECTOR

STA. 00+00.00 TO STA. 198+80.00

STA. 00+00.00 TO STA. 198+80.00

STA. 00+11.71 TO STA. 166+26.98

STA. 00+11.71 TO STA. 166+26.98

VERMILION COUNTY

VERMILION COUNTY

VERMILION COUNTY

VERMILION COUNTY

FUNDING BREAKOUT:

100% STATE ✓

100% STATE ✓

100% STATE ✓

100% STATE ✓

CONSTRUCTION TYPE CODE:

0004

0005

0004

0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
20200100	EARTH EXCAVATION	CU YD	140.0	0.0	50.0	0.0	90.0
20400800	FURNISHED EXCAVATION	CU YD	5.0	0.0	5.0	0.0	0.0
20800150	TRENCH BACKFILL	CU YD	35.0	0.0	35.0	0.0	0.0
25000210	SEEDING, CLASS 2A	ACRE	0.5	0.0	0.25	0.0	0.25
25000350	SEEDING, CLASS 7	ACRE	1.5	0.0	0.75	0.0	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45.0	0.0	22.5	0.0	22.5
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	45.0	0.0	22.5	0.0	22.5
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45.0	0.0	22.5	0.0	22.5
25100115	MULCH METHOD 2	ACRE	1.5	0.0	0.75	0.0	0.75
25100630	EROSION CONTROL BLANKET	SQ YD	70.0	0.0	70.0	0.0	0.0
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	400.0	0.0	0.0	0.0	400.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150.0	0.0	75.0	0.0	75.0
28000305	TEMPORARY DITCH CHECKS	FOOT	17.0	0.0	0.0	0.0	17.0
28000500	INLET AND PIPE PROTECTION	EACH	1.0	0.0	1.0	0.0	0.0

* DENOTES SPECIALTY ITEM

LOCATION OF WORK:	F.A.S. 509 (INDIANOLA RD.)	F.A.S. 509 (INDIANOLA RD.)	F.A.S. 331 (CH 10)	F.A.S. 331 (CH 10)
	RURAL	RURAL	RURAL	RURAL
	MAJOR COLLECTOR	MAJOR COLLECTOR	MAJOR COLLECTOR	MAJOR COLLECTOR
	STA. 00+00.00 TO STA. 198+80.00	STA. 00+00.00 TO STA. 198+80.00	STA. 00+11.71 TO STA. 166+26.98	STA. 00+11.71 TO STA. 166+26.98
	VERMILION COUNTY	VERMILION COUNTY	VERMILION COUNTY	VERMILION COUNTY
FUNDING BREAKOUT:	100% STATE	100% STATE	100% STATE	100% STATE
CONSTRUCTION TYPE CODE:	0004	0005	0004	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
28100107	STONE RIPRAP, CLASS A4	SQ YD	720.0	0.0	0.0	0.0	720.0
28200200	FILTER FABRIC	SQ YD	720.0	0.0	0.0	0.0	720.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	5.0	0.0	5.0	0.0	0.0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	550.0	0.0	0.0	0.0	550.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	60.0	0.0	0.0	0.0	60.0
44000400	GUTTER REMOVAL	FOOT	16.0	0.0	16.0	0.0	0.0
44200050	WELDED WIRE REINFORCEMENT	SQ YD	206.0	206.0	0.0	0.0	0.0
44200905	CLASS B PATCH, TYPE II, 6 INCH	SQ YD	26.0	0.0	26.0	0.0	0.0
44200934	CLASS B PATCH, TYPE II, 8 INCH	SQ YD	742.0	182.0	0.0	560.0	0.0
44200942	CLASS B PATCH, TYPE III, 8 INCH	SQ YD	72.0	72.0	0.0	0.0	0.0
44200944	CLASS B PATCH, TYPE IV, 8 INCH	SQ YD	134.0	134.0	0.0	0.0	0.0
44201299	DOWEL BARS 1 1/2"	EACH	1,930.0	520.0	60.0	1,350.0	0.0
44213200	SAW CUTS	FOOT	4,261.0	1,190.0	138.0	2,933.0	0.0
44213204	TIE BARS 3/4"	EACH	50.0	50.0	0.0	0.0	0.0

* DENOTES SPECIALTY ITEM

• F.A.S. ROUTE 331 & F.A.S. ROUTE 509

14

LOCATION OF WORK:	F.A.S. 509 (INDIANOLA RD.)	F.A.S. 509 (INDIANOLA RD.)	F.A.S. 331 (CH 10)	F.A.S. 331 (CH 10)
	RURAL	RURAL	RURAL	RURAL
	MAJOR COLLECTOR	MAJOR COLLECTOR	MAJOR COLLECTOR	MAJOR COLLECTOR
	STA. 00+00.00 TO STA. 198+80.00	STA. 00+00.00 TO STA. 198+80.00	STA. 00+11.71 TO STA. 166+26.98	STA. 00+11.71 TO STA. 166+26.98
	VERMILION COUNTY	VERMILION COUNTY	VERMILION COUNTY	VERMILION COUNTY
FUNDING BREAKOUT:	100% STATE	100% STATE	100% STATE	100% STATE
CONSTRUCTION TYPE CODE:	0004	0005	0004	0005

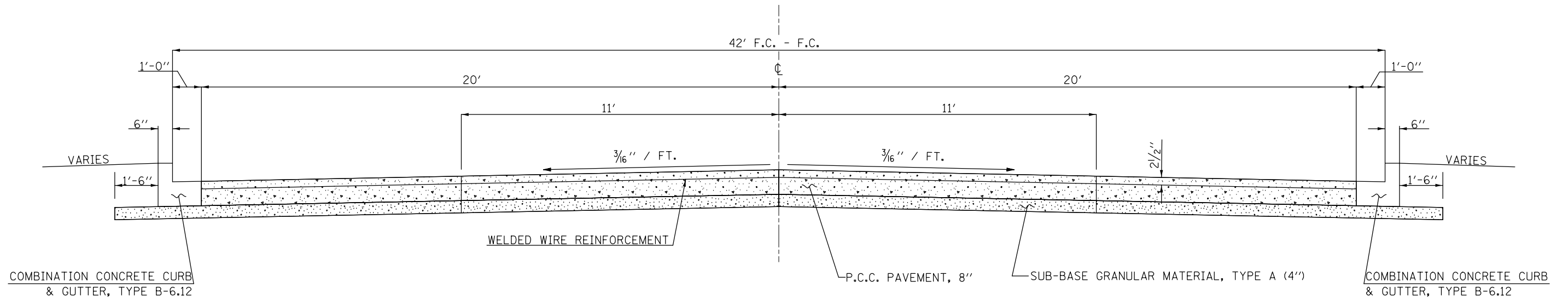
CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	150.0	0.0	0.0	0.0	150.0
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	245.0	0.0	0.0	0.0	245.0
54248510	CONCRETE COLLAR	CU YD	1.5	0.0	1.5	0.0	0.0
55082320	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 1 12"	FOOT	165.0	0.0	165.0	0.0	0.0
55100200	STORM SEWER REMOVAL 6"	FOOT	40.0	0.0	40.0	0.0	0.0
55100300	STORM SEWER REMOVAL 8"	FOOT	47.0	0.0	47.0	0.0	0.0
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1.0	0.0	1.0	0.0	0.0
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	2.0	0.0	2.0	0.0	0.0
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1.0	0.0	1.0	0.0	0.0
60500050	REMOVING CATCH BASINS	EACH	1.0	0.0	1.0	0.0	0.0
60500060	REMOVING INLETS	EACH	2.0	0.0	2.0	0.0	0.0
60602800	CONCRETE GUTTER, TYPE B	FOOT	28.0	0.0	28.0	0.0	0.0
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	60.0	0.0	60.0	0.0	0.0
66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1.0	0.0	1.0	0.0	0.0

* DENOTES SPECIALTY ITEM

REV

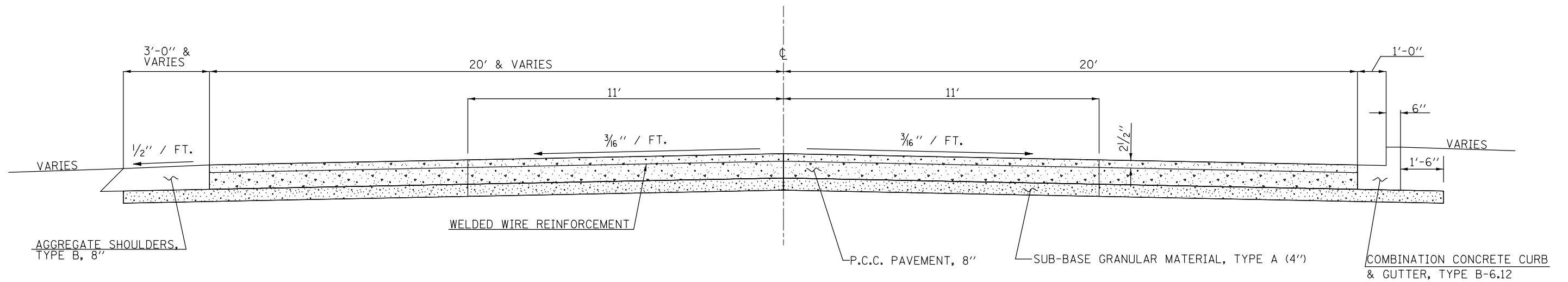
1 EXISTING TYPICAL SECTION F.A.S. 331

STATION 00+11.71 TO STATION 24+10.00



2 EXISTING TYPICAL SECTION F.A.S. 331

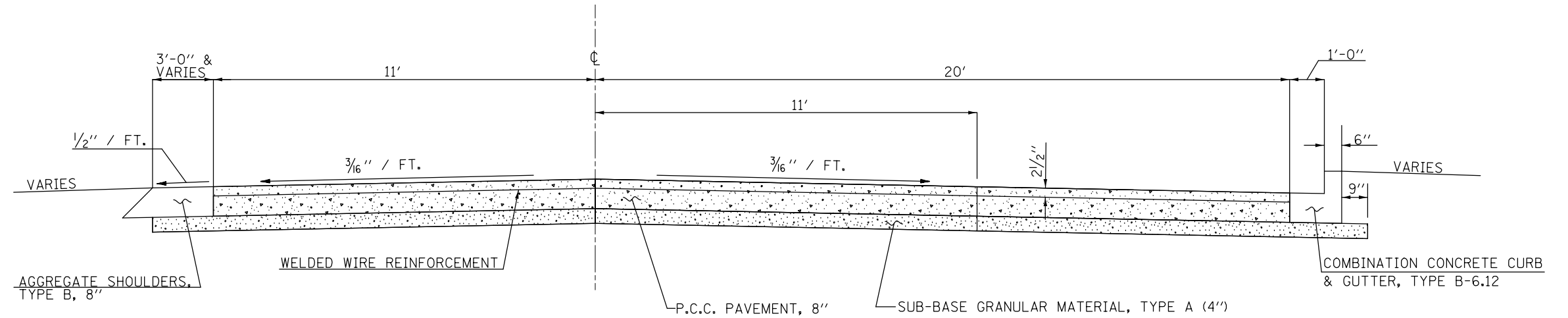
STATION 24+10.00 TO STATION 25+00.00



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0570\DRAWING\Design\0570C44-sh-typical.dwg		CHECKED -	REVISED -		SCALE:	SHEET 1 OF 5 SHEETS	STA.	TO STA.	331	D5 CM PATCHING 2017-5	VERMILION	41	9
		DATE -	REVISED -					CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT		
MODELNAME	PLOT DATE = 1/20/2017												

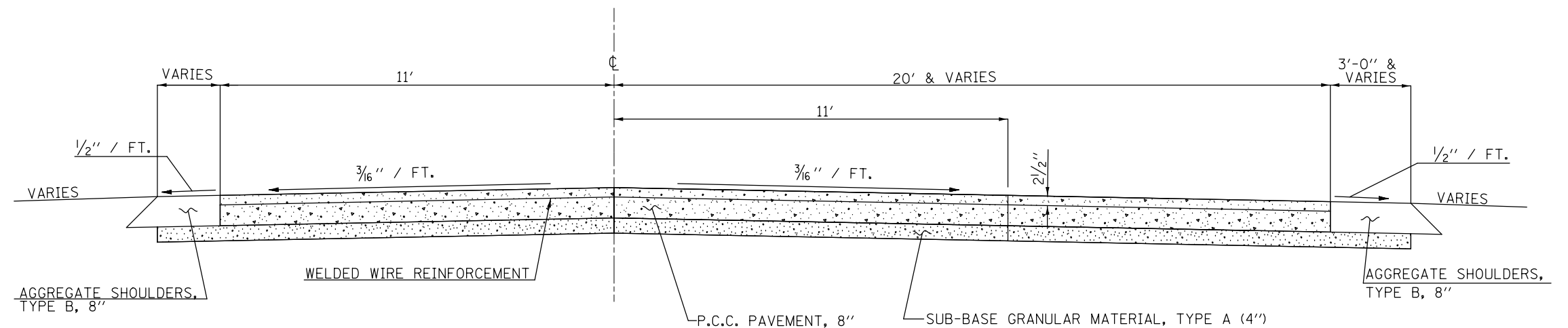
3 EXISTING TYPICAL SECTION F.A.S. 331

STATION 25+00.00 TO STATION 28+50.00



4 EXISTING TYPICAL SECTION F.A.S. 331

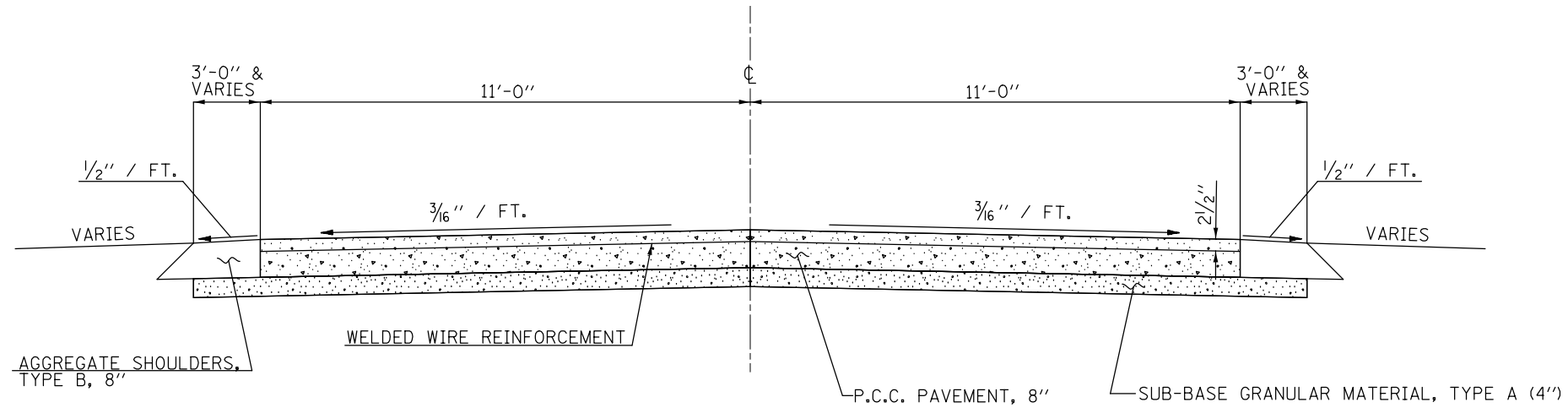
STATION 28+50.00 TO STATION 30+00.00



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0570\Drawings\Design\0570C44-sh-typical.dwg		CHECKED -	REVISED -		SCALE:	SHEET 2	OF 5 SHEETS	STA.	TO STA.	331	D5 CM PATCHING 2017-5	VERMILION	41	10
#MODELNAME#	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -								CONTRACT NO. 70C44			
	PLOT DATE = 1/20/2017										ILLINOIS FED. AID PROJECT			

5 EXISTING TYPICAL SECTION F.A.S. 331

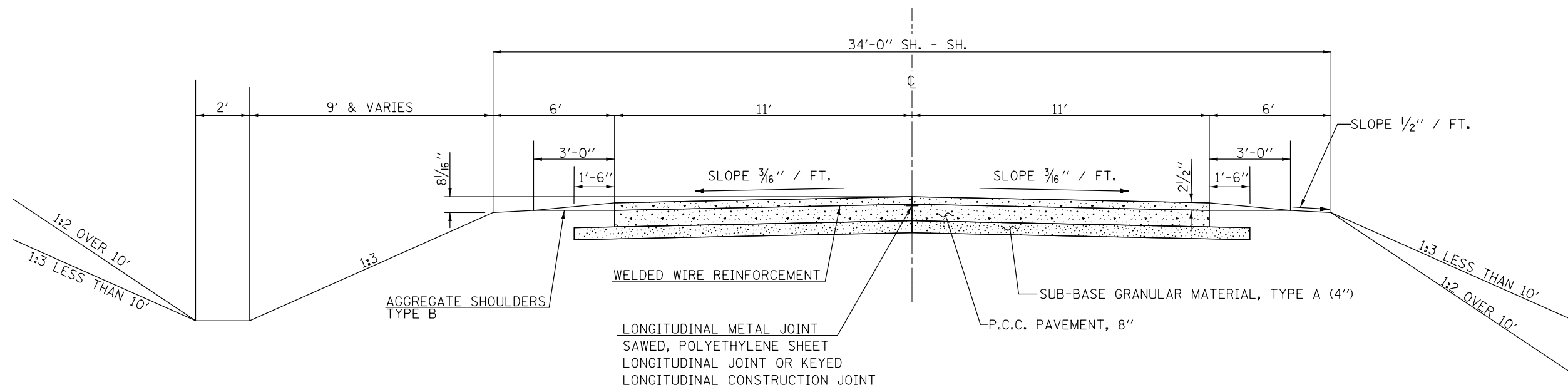
STATION 30+00.00 TO STATION 45+19.34



6 EXISTING TYPICAL SECTION F.A.S. 331

*STRUCTURE OMISSION 90+06.21 TO 94+03.79 - S.N. 092-0177

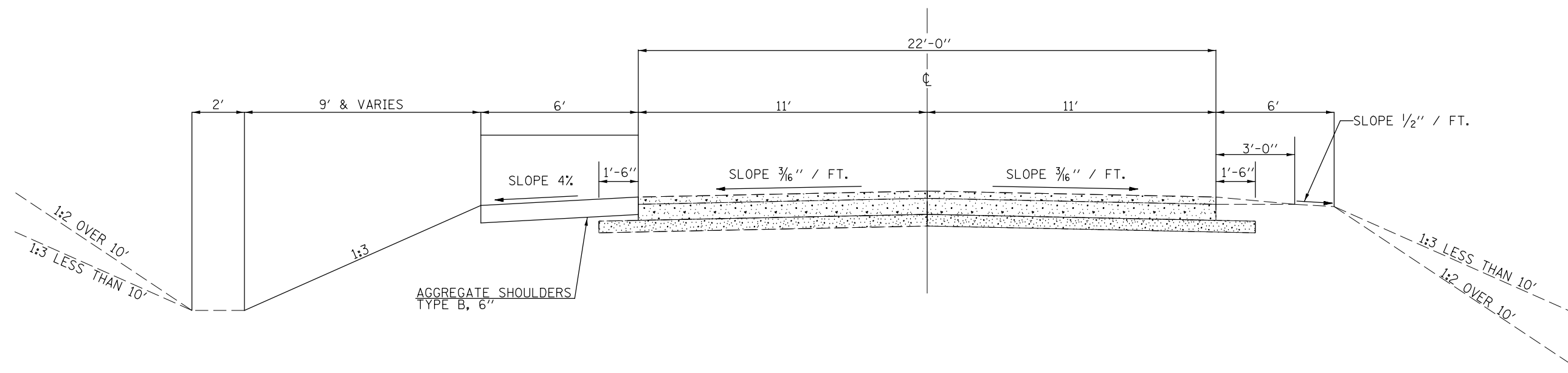
STATION 45+19.34 TO STATION 90+06.21*
 *94+03.79 TO STATION 102+50.00
 107+00.00 TO STATION 166+26.98



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057\CDRAWING\Design\0570C44-sh-typical.dwg	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -					331	D5 CM PATCHING 2017-5	VERMILION	41	11
*MODELNAME#	PLOT DATE = 1/20/2017	DATE -	REVISED -		SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 70C44				
ILLINOIS FED. AID PROJECT												

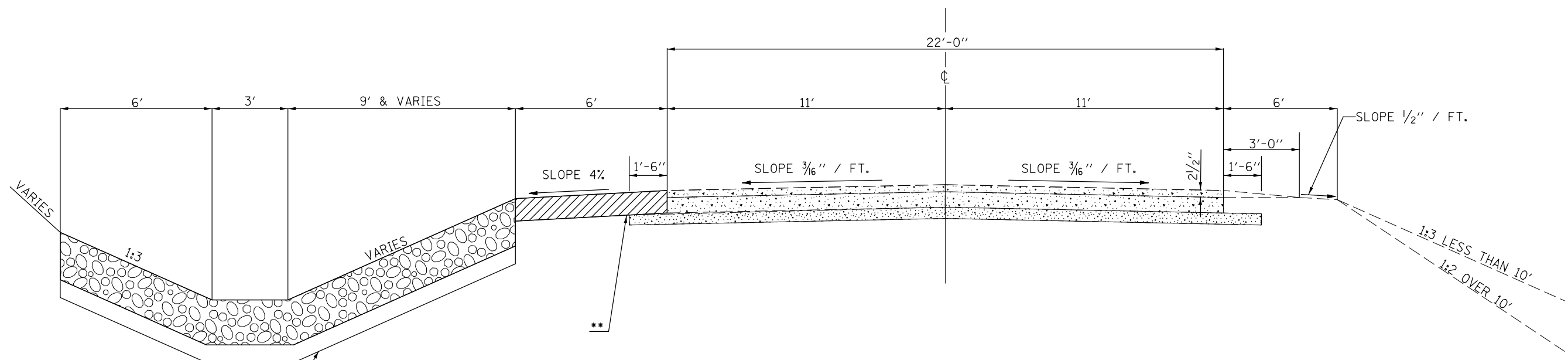
6.A PROPOSED TYPICAL SECTION F.A.S. 331

STATION 96+29.33 TO STATION 98+20.00



6.B PROPOSED TYPICAL SECTION F.A.S. 331

STATION 98+20.00 TO STATION 102+11.83



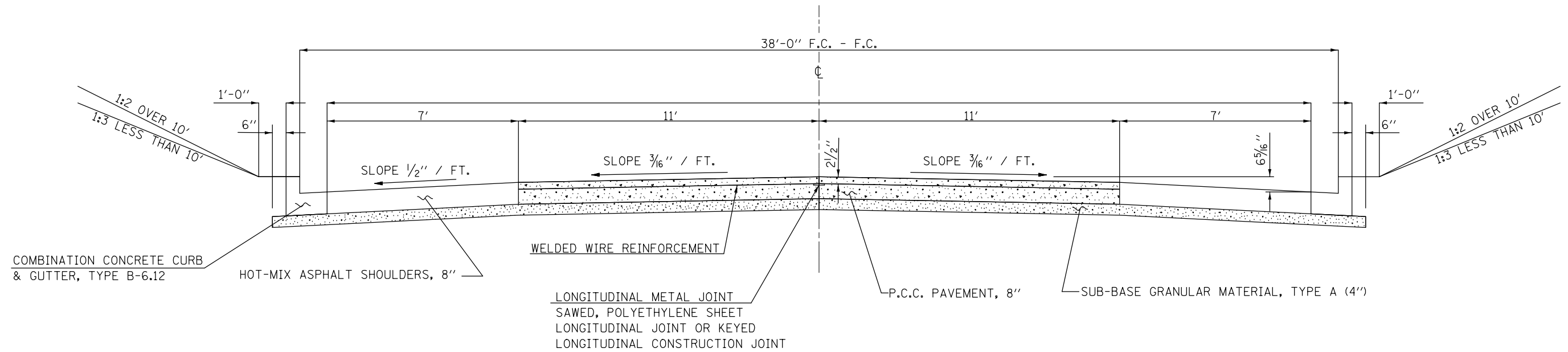
STONE RIPRAP CLASS A4, 16"
W/ 6" BEDDING STONE AND
FILTER FABRIC

** AGGREGATE SHOULDERS, TYPE B, 6" FROM STA. 98+20.00 TO STA. 98+50.00
HOT-MIX ASPHALT SHOULDERS, 8" FROM STA. 98+50.00 TO STA. 102+11.83

FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570\Drawings\Design\0570C44-sh-typical.dwg	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -					331	D5 CM PATCHING 2017-5	VERMILION	41	12
MODELNAME	PLOT DATE = 1/20/2017	DATE -	REVISED -		SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 70C44				
ILLINOIS FED. AID PROJECT												

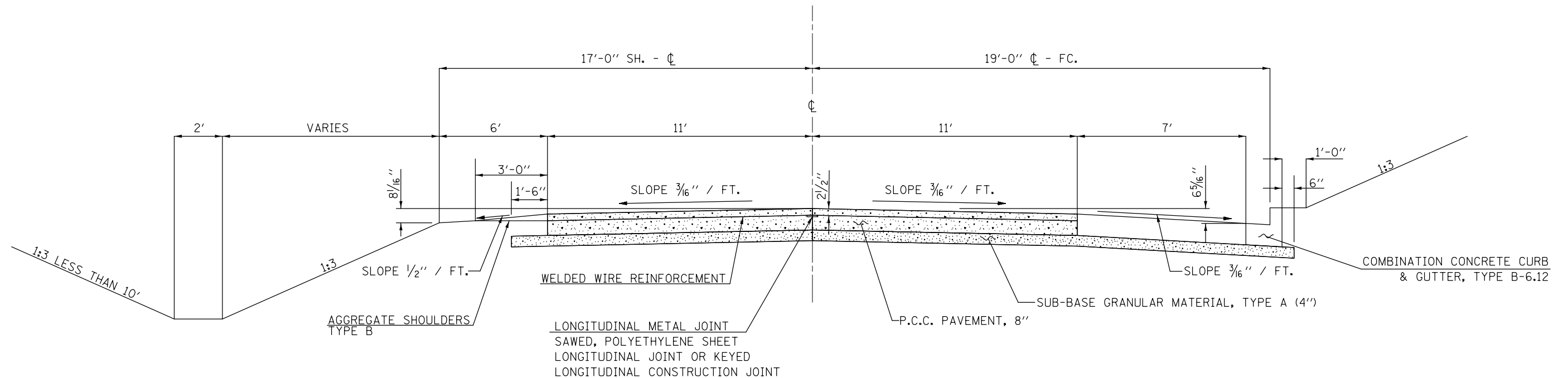
7 EXISTING TYPICAL SECTION F.A.S. 331

STATION 102+50.00 TO STATION 106+22.00 ⑧



8 EXISTING TYPICAL SECTION F.A.S. 331

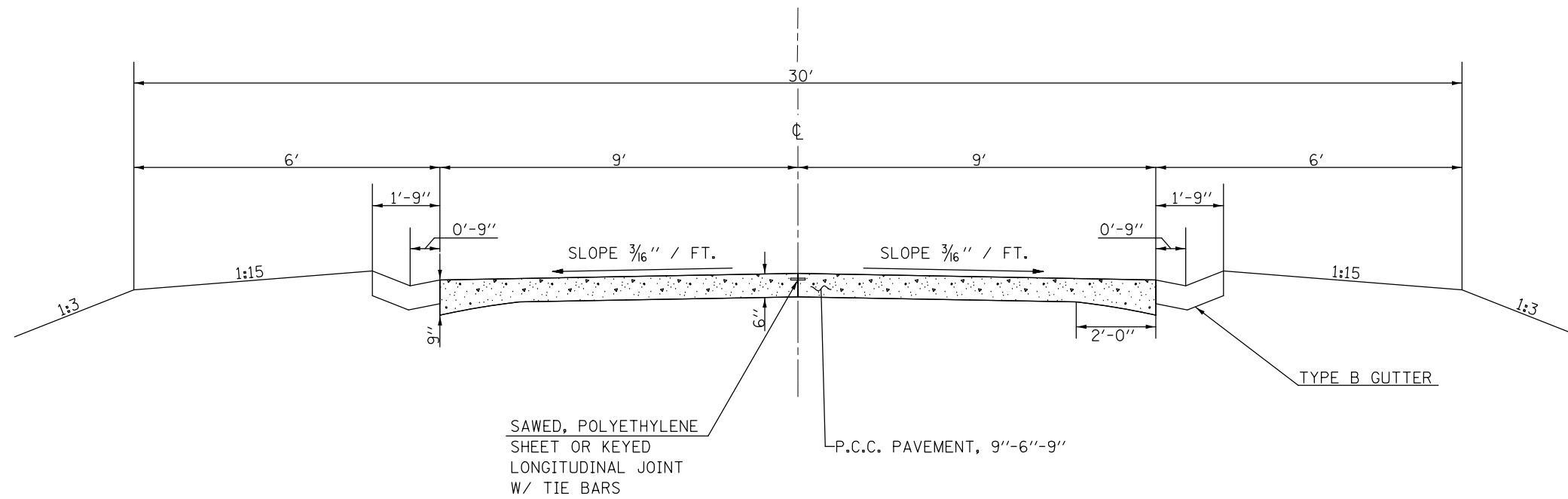
STATION 106+22.00 TO STATION 107+00.00 ⑥



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570\Drawings\Design\0570C44-shr-typical.dwg		CHECKED -	REVISED -			331	D5 CM PATCHING 2017-5	VERMILION	41	13
#MODELNAME#	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE:	SHEET 5 OF 5 SHEETS		STA.	TO STA.	
	PLOT DATE = 1/20/2017					ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 70C44				

1 EXISTING TYPICAL SECTION F.A.S. 509

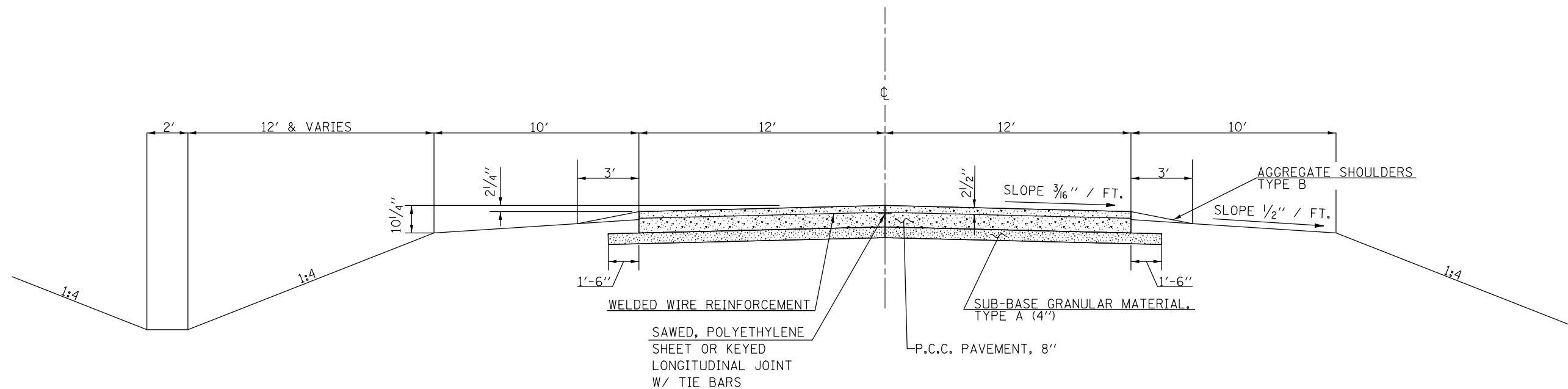
STATION TO STATION
 00+00.00 09+34.34 (BK) STA. EQN. 09+34.34 (BK) = 09+59.60 (AH)
 09+59.60 (AH) 38+67.20



2 EXISTING TYPICAL SECTION F.A.S. 509

*STRUCTURE OMISSION 149+68.00 TO 150+40.00 - S.N. 092-0170

STATION TO STATION
 38+67.20 149+68.00*
 *150+40.00 198+80.00



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0570\Drawings\Design\0570C44-sh-typical.dwg	DESIGNED -	REVISED -	REVISED -					509	D5 CM PATCHING 2017-5	VERMILION	41	14
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT				
*MODELNAME#	DATE -	REVISED -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.			

F.A.S. 331 (CH 10) -- OAKWOOD ROAD

PATCHING SCHEDULE

STATION	NB/SB	LENGTH (FOOT)	WIDTH (FOOT)	CLASS B PATCHES, TYPE II, 8 INCH 44200934 (SQ YD)	DOWEL BARS 1 1/2 INCH 44201299 (EACH)	SAW CUTS 44213200 (FOOT)
145+67	NB	6.0	11.0	7.3	18.0	39.0
145+00	NB	6.0	11.0	7.3	18.0	39.0
145+00	SB	6.0	11.0	7.3	18.0	39.0
142+15	NB	6.0	11.0	7.3	18.0	39.0
126+87	NB	6.0	11.0	7.3	18.0	39.0
126+71	NB	6.0	11.0	7.3	18.0	39.0
126+49	NB	6.0	11.0	7.3	18.0	39.0
122+97	NB	6.0	11.0	7.3	18.0	39.0
122+97	SB	6.0	11.0	7.3	18.0	39.0
116+60	SB	6.0	11.0	7.3	18.0	39.0
112+40	NB	6.0	11.0	7.3	18.0	39.0
112+40	SB	6.0	11.0	7.3	18.0	39.0
112+19	NB	6.0	11.0	7.3	18.0	39.0
111+63	NB	6.0	11.0	7.3	18.0	39.0
111+41	NB	6.0	11.0	7.3	18.0	39.0
107+50	SB	6.0	11.0	7.3	18.0	39.0
107+00	NB	6.0	11.0	7.3	18.0	39.0
104+21	NB	6.0	11.0	7.3	18.0	39.0
104+21	SB	6.0	11.0	7.3	18.0	39.0
103+49	NB	6.0	11.0	7.3	18.0	39.0
103+26	NB	6.0	11.0	7.3	18.0	39.0
103+26	SB	6.0	11.0	7.3	18.0	39.0
103+04	NB	10.0	11.0	12.2	18.0	43.0
100+00	NB	6.0	11.0	7.3	18.0	39.0
99+50	NB	6.0	11.0	7.3	18.0	39.0
99+50	SB	6.0	11.0	7.3	18.0	39.0
99+00	SB	6.0	11.0	7.3	18.0	39.0
98+50	NB	6.0	11.0	7.3	18.0	39.0
98+23	NB	6.0	11.0	7.3	18.0	39.0
98+23	SB	6.0	11.0	7.3	18.0	39.0
97+72	NB	6.0	11.0	7.3	18.0	39.0
96+87	NB	6.0	11.0	7.3	18.0	39.0
96+76	NB	6.0	11.0	7.3	18.0	39.0
96+00	NB	6.0	11.0	7.3	18.0	39.0
95+85	NB	6.0	11.0	7.3	18.0	39.0
95+85	SB	6.0	11.0	7.3	18.0	39.0
95+50	NB	6.0	11.0	7.3	18.0	39.0
95+50	SB	6.0	11.0	7.3	18.0	39.0
87+58	NB	6.0	11.0	7.3	18.0	39.0
87+21	NB	6.0	11.0	7.3	18.0	39.0
87+21	SB	6.0	11.0	7.3	18.0	39.0
87+04	NB	8.0	11.0	9.8	18.0	41.0
87+04	SB	8.0	11.0	9.8	18.0	41.0
86+89	NB	6.0	11.0	7.3	18.0	39.0
86+89	SB	6.0	11.0	7.3	18.0	39.0
86+70	NB	6.0	11.0	7.3	18.0	39.0
86+70	SB	6.0	11.0	7.3	18.0	39.0
86+04	NB	6.0	11.0	7.3	18.0	39.0
86+04	SB	6.0	11.0	7.3	18.0	39.0
PAGE 1 TOTALS:				369.1	882.0	1919.0

NB/SB	STATION	LENGTH (FOOT)	WIDTH (FOOT)	CLASS B PATCHES, TYPE II, 8 INCH 44200934 (SQ YD)	DOWEL BARS 1 1/2 INCH 44201299 (EACH)	SAW CUTS 44213200 (FOOT)
NB	85+88	6.0	11.0	7.3	18.0	39.0
SB	85+88	6.0	11.0	7.3	18.0	39.0
NB	85+73	6.0	11.0	7.3	18.0	39.0
SB	85+73	6.0	11.0	7.3	18.0	39.0
NB	85+56	6.0	11.0	7.3	18.0	39.0
SB	85+56	6.0	11.0	7.3	18.0	39.0
SB	85+38	6.0	11.0	7.3	18.0	39.0
SB	85+00	6.0	11.0	7.3	18.0	39.0
NB	84+81	6.0	11.0	7.3	18.0	39.0
SB	84+81	6.0	11.0	7.3	18.0	39.0
NB	84+68	6.0	11.0	7.3	18.0	39.0
NB	54+52	6.0	11.0	7.3	18.0	39.0
NB	54+00	6.0	11.0	7.3	18.0	39.0
NB	52+50	6.0	11.0	7.3	18.0	39.0
NB	51+36	6.0	11.0	7.3	18.0	39.0
NB	51+21	6.0	11.0	7.3	18.0	39.0
SB	51+21	6.0	11.0	7.3	18.0	39.0
NB	51+00	6.0	11.0	7.3	18.0	39.0
SB	51+00	6.0	11.0	7.3	18.0	39.0
NB	50+78	6.0	11.0	7.3	18.0	39.0
NB	50+00	6.0	11.0	7.3	18.0	39.0
SB	50+00	6.0	11.0	7.3	18.0	39.0
NB	40+82	6.0	11.0	7.3	18.0	39.0
SB	40+82	6.0	11.0	7.3	18.0	39.0
NB	39+21	6.0	11.0	7.3	18.0	39.0
SB	39+21	6.0	11.0	7.3	18.0	39.0
PAGE 1 TOTALS:				369.1	882.0	1919.0
PAGE 2 TOTALS:				190.7	468.0	1014.0
GRAND TOTALS:				559.8	1350.0	2933.0
ROUND TO:				560.0	1350.0	2933.0

FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057\CDRAWING\Design\0570C44-sht-schedule.dwg		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 1/20/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70C44	

F.A.S. 331 (CH 10) -- OAKWOOD ROAD

SEEDING

STATION	LT WIDTH (FEET)	LENGTH (FEET)	AREA LEFT (ACRE)	SEEDING, CLASS 2A 25000210 (ACRE)	SEEDING, CLASS 7 25000350 (ACRE)	NITROGEN FERT. NUTRIENT 25000400 (POUND)	PHOSPHOROUS FERT. NUTRIENT 25000500 (POUND)	POTASSIUM FERT. NUTRIENT 25000600 (POUND)	MULCH, METHOD 2 25100115 (ACRE)	HD EROSION CONTROL BLANKET 25100635 (SQ YD)	TEMPORARY EROSION CONTROL SEEDING 28000250 (POUND)
96+29.33	1.14										
96+50.00	6.22	20.67	0.0017	0.0017	0.0052	0.2	0.2	0.2	0.0052	8.5	0.5
97+00.00	5.68	50.00	0.0068	0.0068	0.0205	0.6	0.6	0.6	0.0205	33.1	2.0
97+50.00	1.76	50.00	0.0043	0.0043	0.0128	0.4	0.4	0.4	0.0128	20.7	1.3
98+00.00	0.96	50.00	0.0016	0.0016	0.0047	0.1	0.1	0.1	0.0047	7.6	0.5
98+50.00	7.4	50.00	0.0048	0.0048	0.0144	0.4	0.4	0.4	0.0144	23.2	1.4
99+00.00	7.81	50.00	0.0087	0.0087	0.0262	0.8	0.8	0.8	0.0262	42.3	2.6
99+50.00	8.1	50.00	0.0091	0.0091	0.0274	0.8	0.8	0.8	0.0274	44.2	2.7
100+00.00	8.16	50.00	0.0093	0.0093	0.0280	0.8	0.8	0.8	0.0280	45.2	2.8
100+50.00	7.67	50.00	0.0091	0.0091	0.0273	0.8	0.8	0.8	0.0273	44.0	2.7
101+00.00	2.04	50.00	0.0056	0.0056	0.0167	0.5	0.5	0.5	0.0167	27.0	1.7
101+50.00	7.87	50.00	0.0057	0.0057	0.0171	0.5	0.5	0.5	0.0171	27.5	1.7
102+00.00	8.33	50.00	0.0093	0.0093	0.0279	0.8	0.8	0.8	0.0279	45.0	2.8
102+11.81	8.37	11.81	0.0023	0.0023	0.0068	0.2	0.2	0.2	0.0068	11.0	0.7
TOTAL =				0.08	0.23	7.05	7.05	7.05	0.23	378.99	23.49
ROUND TO :				0.25	0.75	22.50	22.50	22.50	0.75	400.00	75.00

EARTH EXCAVATION

LOCATION	EARTH EXCAVATION FOR SHOULDERS (CU YD)	EARTH EXCAVATION FOR STONE RIPRAP (CU YD)	TOTAL EARTH EXCAVATION 20200100 (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT FOR SHOULDERS (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
L. DITCH	89.6	592.4	89.6	67.2	8.3	42.1
TOTAL =	89.6	592.4	89.6	67.2	8.3	42.1
ROUND TO:	--	--	90.0	--	--	45.0

NOTES:

1. THE SHRINKAGE FACTOR USED IS 25%.
2. SHRINKAGE, EMBANKMENT, AND BALANCE IS FOR INFORMATION ONLY.
3. NO PAYMENT WILL BE ALLOWED FOR OVERHAUL.
4. EXCAVATION REQUIRED FOR BITUMINOUS HMA AND AGG. SHOULDERS IS MEASURED AND PAID FOR AS EARTH EXCAVATION.
5. STONE RIPRAP WORK WILL NOT BE MEASURED FOR PAYMENT SEPARATELY IN ACCORDANCE WITH ARTICLE 281.03 OF THE STANDARD SPECIFICATIONS

FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0570C44-shr-schedule.dgn	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					331	D5 CM PATCHING 2017-5	VERMILION	41	16
\$MODELNAME\$	PLLOT DATE = 1/20/2017	DATE -	REVISED -		SCALE:	SHEET 2 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
								CONTRACT NO. 70C44				

F.A.S. 331 (CH 10) -- OAKWOOD ROAD

RIPRAP

STATION	TO	STATION	DISTANCE BETWEEN STATIONS (FOOT)	LENGTH OF RIPRAP (FOOT)	STONE RIPRAP, CLASS A4 28100107 (SQ YD)	FILTER FABRIC 28200200 (SQ YD)	STONE RIPRAP CLASS A4 (TONS)	BEDDING STONE (TONS)
98+20.00		98+50.00	30.0	23.5	78.28	78.28	52.19	19.57
98+50.00		99+00.00	50.0	19.1	106.20	106.20	70.80	26.55
99+00.00		99+50.00	50.0	16.3	90.40	90.40	60.27	22.60
99+50.00		100+00.00	50.0	15.1	83.90	83.90	55.93	20.97
100+00.00		100+50.00	50.0	15.1	83.89	83.89	55.93	20.97
100+50.00		101+00.00	50.0	15.1	84.04	84.04	56.03	21.01
101+00.00		101+50.00	50.0	15.2	84.38	84.38	56.25	21.09
101+50.00		102+00.00	50.0	15.3	84.73	84.73	56.49	21.18
102+00.00		102+11.81	11.8	15.1	19.85	19.85	13.23	4.96
TOTAL =					715.7	715.7	477.1	178.9
ROUND TO					720.0	720.0	480.0	180.0

NOTES

1. STONE RIPRAP AND BEDDING STONE TONNAGE QUANTITIES ARE ESTIMATES AND FOR INFORMATION ONLY.
2. STONE RIPRAP IS ESTIMATED BASED ON 1.5 TONS PER CU YD.
3. BEDDING STONE IS ESTIMATED BASED ON 1.8 TONS PER CU YD.

INLETS

STATION	CLEANING EXISTING INLETS Z0010615 (EACH)
102+45.63	1.0
104+80.96	1.0
TOTAL =	2.0

SHOULDERS

STATION	TO	STATION	AVERAGE WIDTH (FOOT)	LENGTH (FOOT)	AGGREGATE SHOULDERS TYPE B, 6" 48101500 (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 8" 48203029 (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) 40600275 (POUND)	BITUMINOUS MATERIALS (TACK COAT) 40600290 (POUND)
96+29.33		96+50.00	6.0	20.67	13.78	0.00	0.00	0.00
96+50.00		97+00.00	6.0	50.00	33.33	0.00	0.00	0.00
97+00.00		97+50.00	6.0	50.00	33.33	0.00	0.00	0.00
97+50.00		98+00.00	6.0	50.00	33.33	0.00	0.00	0.00
98+00.00		98+50.00	6.0	50.00	33.33	0.00	0.00	0.00
98+50.00		99+00.00	6.0	50.00	0.00	33.33	75.00	7.50
99+00.00		99+50.00	6.0	50.00	0.00	33.33	75.00	7.50
99+50.00		100+00.00	6.0	50.00	0.00	33.33	75.00	7.50
100+00.00		100+50.00	6.0	50.00	0.00	33.33	75.00	7.50
100+50.00		101+00.00	6.0	50.00	0.00	33.33	75.00	7.50
101+00.00		101+50.00	6.0	50.00	0.00	33.33	75.00	7.50
101+50.00		102+00.00	6.0	50.00	0.00	33.33	75.00	7.50
102+00.00		102+11.81	6.0	11.81	0.00	7.87	17.71	1.77
TOTAL =					147.1	241.2	542.7	54.3
ROUND TO					150.0	245.0	550.0	60.0

F.A.S. 509 -- INDIANOLA ROAD

PATCHING SCHEDULE

STATION	NB/SB	LENGTH (FOOT)	WIDTH (FOOT)	CLASS B PATCHES, TYPE II, 8 INCH 44200934 (SQ YD)	CLASS B PATCHES, TYPE III, 8 INCH 44200942 (SQ YD)	CLASS B PATCHES, TYPE IV, 8 INCH 44200944 (SQ YD)	DOWEL BARS 1 1/2 INCH 44201299 (EACH)	WELDED WIRE REINFORCEMENT 44200050 (SQ YD)	SAW CUTS 44213200 (FOOT)	TIE BARS 3/4 INCH 44213204 (EACH)
48+00	NB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
48+00	SB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
111+00	SB	40.0	12.0	0.0	0.0	53.3	30.0	53.3	76.0	20.0
136+33	SB	15.0	12.0	0.0	20.0	0.0	20.0	20.0	51.0	0.0
136+52	NB	6.0	12.0	8.0	0.0	0.0	20.0	0.0	42.0	0.0
136+52	SB	6.0	12.0	8.0	0.0	0.0	20.0	0.0	42.0	0.0
136+70	NB	12.0	12.0	0.0	16.0	0.0	20.0	16.0	48.0	0.0
136+70	SB	12.0	12.0	0.0	16.0	0.0	20.0	16.0	48.0	0.0
138+84	SB	6.0	12.0	8.0	0.0	0.0	20.0	0.0	42.0	0.0
139+00	NB	10.0	12.0	13.3	0.0	0.0	20.0	0.0	46.0	0.0
139+00	SB	10.0	12.0	13.3	0.0	0.0	20.0	0.0	46.0	0.0
139+35	SB	6.0	12.0	8.0	0.0	0.0	20.0	0.0	42.0	0.0
139+36	NB	40.0	12.0	0.0	0.0	53.3	30.0	53.3	76.0	20.0
139+63	NB	15.0	12.0	0.0	20.0	0.0	20.0	20.0	51.0	0.0
140+53	NB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
140+53	SB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
140+67	NB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
140+67	SB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
141+34	NB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
141+34	SB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
142+40	NB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
142+40	SB	8.0	12.0	10.7	0.0	0.0	20.0	0.0	44.0	0.0
147+79	NB	6.0	12.0	8.0	0.0	0.0	20.0	0.0	42.0	0.0
147+96	NB	20.0	12.0	0.0	0.0	26.7	20.0	26.7	56.0	10.0
148+78	NB	6.0	12.0	8.0	0.0	0.0	20.0	0.0	42.0	0.0
GRAND TOTALS:				181.3	72.0	133.3	520.0	205.3	1190.0	50.0
ROUND TO:				182.0	72.0	134.0	520.0	206.0	1190.0	50.0

CONCRETE COLLAR

STATION	OFFSET (FEET)	EXISTING PIPE SIZE (INCHES)	NEW PIPE SIZE (INCHES)	CONCRETE COLLAR 54248510 (CU YD)
7+47.77	13.4' LT.	8	12	0.323
7+48.94	9.3' RT.	6	12	0.309
7+04.57	18.7' LT.	6	12	0.309
6+92.08	25.5' RT.	8	12	0.323
TOTAL =				1.263
ROUND TO:				1.5

NON-SPECIAL WASTE DISPOSAL

DESCRIPTION	EARTHWORK (CU YD)
INLET 2 (TYPE A)	2.4
INLET 3 (TYPE A)	2.9
39' PIPE	12.4
47' PIPE	20.8
PIPE EXTENSION AT INLET 2	1.8
PIPE EXTENSION AT INLET 3	2.3
TOTAL =	42.6
ROUND TO:	60.0

STORM SEWER & EXCAVATION

DESCRIPTION	STATION	INVERT ELEV. (FEET)	OFFSET (FEET)	TO	STATION	INVERT ELEV. (FEET)	OFFSET (FEET)	PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)	FURNISHED EXCAVATION 20400800 (CU YD)	TRENCH BACKFILL 20800150 (CU YD)	NON-SPECIAL WASTE DISPOSAL 66900200 (CU YD)	STORM SEWER, RUBBER GASKET, CLASS B, TYPE 1 1/2" 550B2320	STORM SEWER REMOVAL, 6" 55100200 (FOOT)	STORM SEWER REMOVAL, 8" 55100300 (FOOT)
39' S.S. PIPE	7+05.71	673.30	19.7' LT.		7+47.34	673.45	13.4' LT.	12	30	3.6	6.8	12.4	39.0	40.0	--
47' S.S. PIPE	7+05.71	673.30	19.4' LT.		6+92.08	673.13	12.2' RT.	12	30	--	11.7	20.8	46.5	--	47.0
62' S.S. PIPE	6+92.08	673.25	8.8' RT.		7+48.14	673.50	9.3' RT.	12	30	--	9.5	31.1	62.0	--	--
TYPE B INLET	6+92.20	--	25.5' RT.		--	--	--	--	--	--	--	7.3	--	--	--
TYPE A INLET	7+04.57	--	18.7' LT.		--	--	--	--	--	--	--	2.9	--	--	--
TYPE A INLET	7+47.77	--	13.4' LT.		--	--	--	--	--	--	--	2.4	--	--	--
TYPE A INLET	7+48.94	--	9.3' RT.		--	--	--	--	--	--	--	3.6	--	--	--
TIE-IN SECTIONS	--	--	--	--	--	--	--	12.00	30	--	4.2	10.5	16	--	--
TOTAL =										3.6	32.2	91.0	163.5	40.0	47.0
ROUND TO:										5.0	35.0	100.0	165.0	40.0	47.0

* FOUR (4) 4' TIE-IN SECTIONS NEEDED AT STRUCTURES = TOTAL 16' OF STORM SEWER PIPE.

F.A.S. 509 -- INDIANOLA ROAD

SEEDING

LOCATION	SEEDING, CLASS 2A 25000210 (ACRE)	NITROGEN FERT. NUTRIENT 25000400 (POUND)	PHOSPHOROUS FERT. NUTRIENT 25000500 (POUND)	POTASSIUM FERT. NUTRIENT 25000600 (POUND)	MULCH, METHOD 2 25100115 (ACRE)	TEMPORARY EROSION CONTROL SEEDING 28000250 (POUND)	SEEDING, CLASS 7 25000350 (ACRE)	EROSION CONTROL BLANKET 25100630 (SQ YD)
PROJECT LIMITS	0.25	22.50	22.50	22.50	0.25	75.00	0.75	70.00
TOTAL =	0.25	22.50	22.50	22.50	0.25	75.00	0.75	70.00
ROUND TO :	0.25	22.50	22.50	22.50	0.75	75.00	0.75	70.00

DRAINAGE PATCHING SCHEDULE

STATION	NB/SB	LENGTH (FOOT)	WIDTH (FOOT)	CLASS B PATCHES, TYPE II, 6 INCH 44200905 (SQ YD)	DOWEL BARS 1 1/2 INCH 44201299 (EACH)	SAW CUTS 44213200 (FOOT)
6+99	NB	6.0	9.5	6.3	15.0	34.5
7+04	SB	6.0	9.5	6.3	15.0	34.5
7+50	NB	6.0	9.5	6.3	15.0	34.5
7+50	SB	6.0	9.5	6.3	15.0	34.5
TOTAL =				25.3	60.0	138.0
ROUND TO:				26.0	60.0	138.0

INLET & PIPE PROTECTION

DESCRIPTION	STATION	INLET AND PIPE PROTECTION OFFSET	NO. OF INLET/PIPE PROTECTORS 28000500 (EACH)
INLET OPENING	7+04.57	18.7' LT.	1.0
TOTAL =			1.0

DRAINAGE STRUCTURES

STATION	OFFSET (FEET)	INLETS, TYPE A, TYPE 8 GRATE 60236200 (EACH)	INLETS, TYPE A, TYPE 9 FRAME & GRATE 60236600 (EACH)	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID 60240215 (EACH)	REMOVING CATCH BASINS 60500050 (EACH)	REMOVING INLETS 60500060 (EACH)
7+04.57	18.7' LT.	1.0	-	-	1.0	-
7+47.77	13.4' LT.	-	1.0	-	-	1.0
7+48.94	9.3' RT.	-	1.0	-	-	1.0
6+92.08	25.5' RT.	-	-	1.0	-	-
TOTAL =		1.0	2.0	1.0	1.0	2.0
ROUND TO:		1.0	2.0	1.0	1.0	2.0

AGGREGATE

NB/SB	STATION	TYPE OF ENTRANCE	AREA (SQ FT)	AREA (SQ YD)	AGG. SURF. COURSE, TYPE B 40200800 (TON)
SB	708.53	PE	65.83	7.31	2.19
NB	727.92	SHOULDER	32.06	3.56	1.07
TOTAL =					3.26
ROUND TO :					5.00

EARTH EXCAVATION

LOCATION	STATION	OFFSET (FOOT)	TO	STATION	OFFSET (FOOT)	TOTAL EARTH EXCAVATION 20200100 (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	FILL (CU YD)	WASTE (+) OR SHORTAGE (-) (CU YD)
39' PIPE	7+06.71	19.4' LT.		7+11.00	19.0' LT.	***	-	3.6	-3.6
47' PIPE	6+92.20	25.5' RT.		7+04.57	18.7' LT.	***	-	6.7	-6.7
62' PIPE	6+93.54	26.2' RT.		7+40.00	11.2' RT.	31.1	23.3	18.4	4.9
INLET 4	6+92.08	25.5' RT.		-	-	7.3	5.5	2.0	3.4
INLET 3	7+04.57	18.7' LT.		-	-	***	-	1.1	-1.1
INLET 1	7+48.94	9.3' RT.		-	-	3.6	2.7	0.9	1.8
INLET 2	7+47.77	13.4' LT.		-	-	***	-	1.3	-1.3
IN. 1 TIE-IN	7+48.94	9.3' RT.		-	-	2.7	2.0	1.5	0.5
IN. 2 TIE-IN	7+47.77	13.4' LT.		-	-	***	-	0.7	-0.7
IN. 3 TIE-IN	7+04.57	18.7' LT.		-	-	***	-	1.1	-1.1
IN. 4 TIE-IN	6+92.20	25.5' RT.		-	-	3.7	2.8	2.3	0.4
TOTAL =						48.4	36.3	39.7	-3.4
ROUND TO:						50.0	-	-	-

*** = SEE "NON-SPECIAL WASTE DISPOSAL" COMPUTATION SHEET FOR QUANTITIES

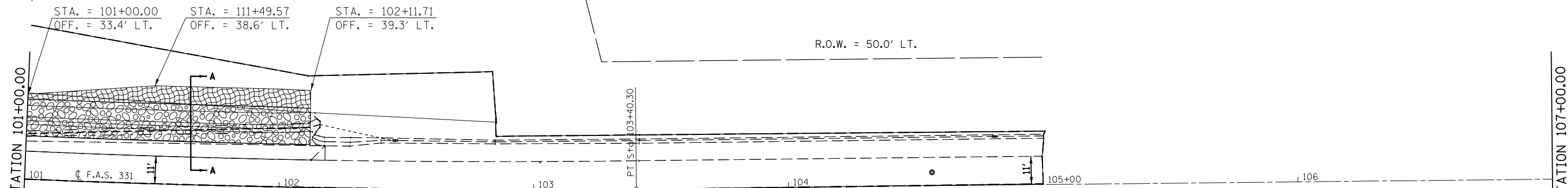
NOTES:

1. THE SHRINKAGE FACTOR USED IS 25%.
2. SHRINKAGE, EMBANKMENT, AND BALANCE IS FOR INFORMATION ONLY.
3. NO PAYMENT WILL BE ALLOWED FOR OVERHAUL.
4. EXCAVATION REQUIRED FOR BITUMINOUS HMA AND AGG. SHOULDERS IS MEASURED AND PAID FOR AS EARTH EXCAVATION.

GUTTERS

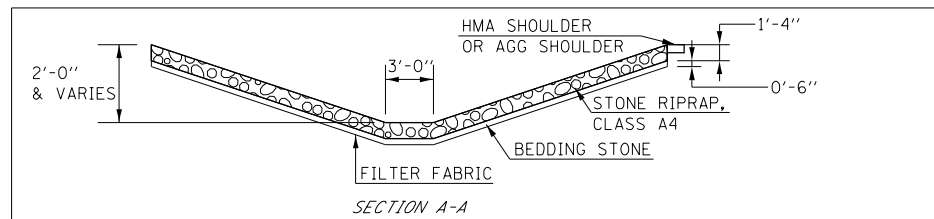
STATION	TO	STATION	OFFSET (FEET)	WIDTH (FEET)	GUTTER REMOVAL 44000400 (FOOT)	CONCRETE GUTTER, TYPE B 60602800 (FOOT)
7+39.82		7+52.02	12.2' LT.	2.5	8.3	10.3
7+44.61		7+51.61	8.6' RT.	2.5	3.1	5.1
7+01.03		7+07.03	12.2' LT.	2.5	2.1	6.0
6+95.91		7+01.91	8.6' RT.	2.5	2.1	6.0
TOTAL =					15.5	27.4
ROUND TO:					16.0	28.0

R.O.W. = 90.9' LT.

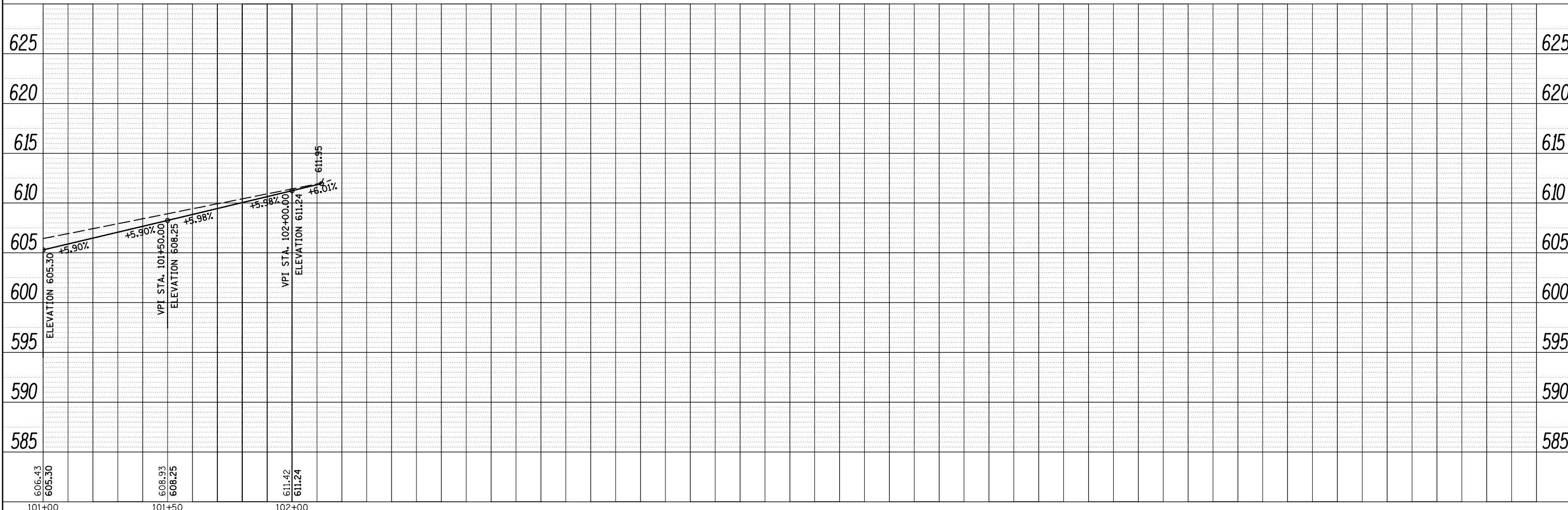


PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	FIELD FILE NAME	

-  **TEMPORARY DITCH CHECK**
-  **STONE RIPRAP CLASS A4, 16\"**
W/6\" BEDDING STONE AND
FILTER FABRIC
-  **EROSION CONTROL BLANKET**



PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">PLAN AND LEFT DITCH PROFILE</p>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODELNAME =	DATE = 1/20/2017	CHECKED -	REVISED -		331	D5 CM PATCHING 2017-5	VERMILION	41	21
		DATE -	REVISED -		CONTRACT NO. 70C44				
					ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 2 SHEETS STA. 101+00.00 TO STA. 107+00.00

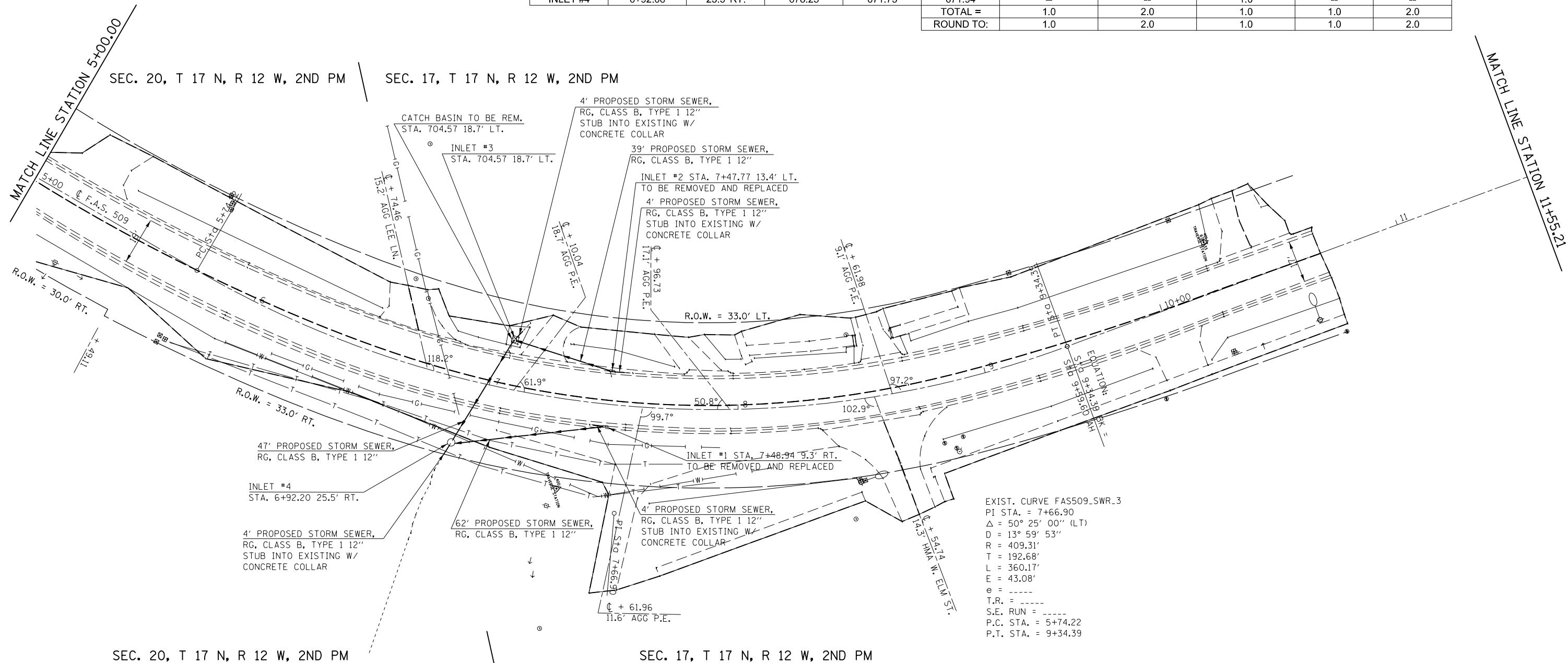
NOTE: ALL STATIONING AND ELEVATIONS WILL BE VERIFIED AND ADJUSTED AS NECESSARY IN THE FIELD.



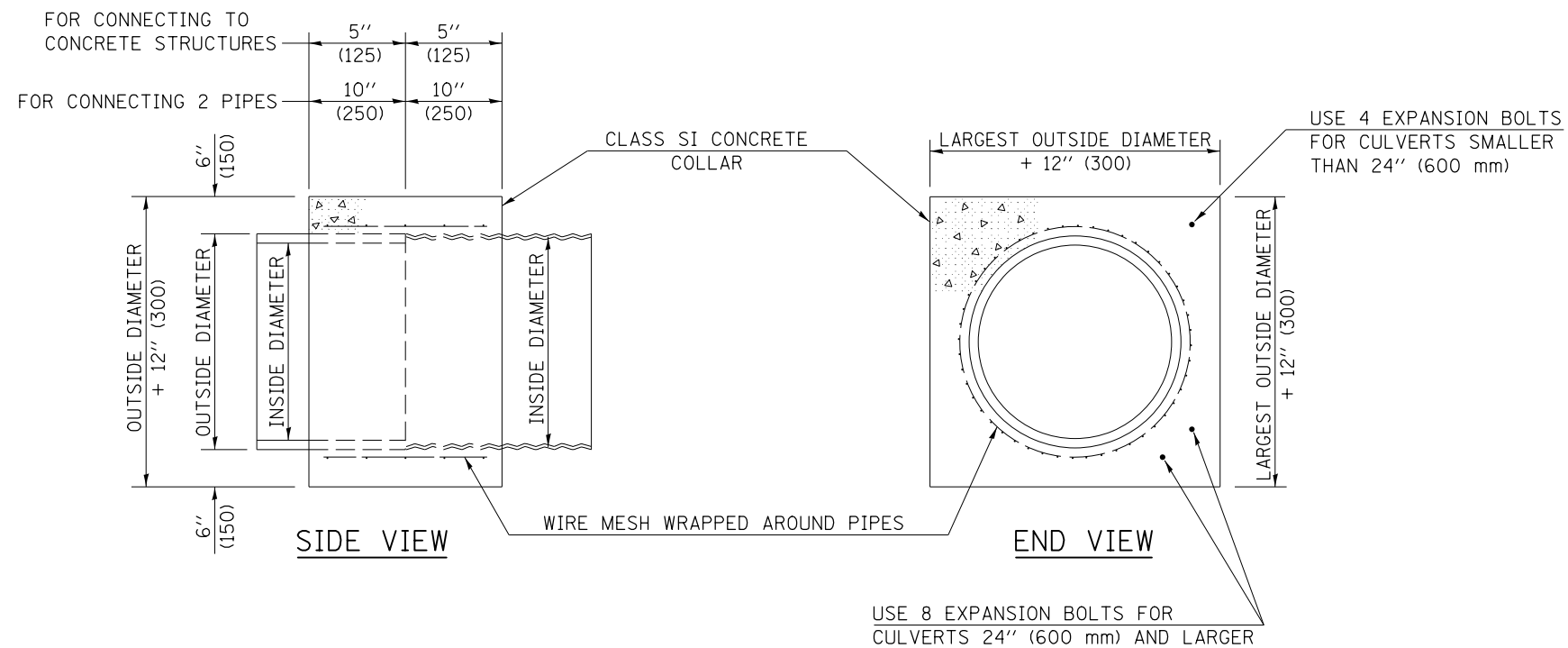
DESCRIPTION	STATION	INVERT ELEV. (FEET)	OFFSET (FEET)	TO	STATION	INVERT ELEV. (FEET)	OFFSET (FEET)	PIPE SIZE (INCHES)	STORM SEWER, RUBBER GASKET, CLASS B, TYPE 1 12" 550B2320 (FOOT)	STORM SEWER REMOVAL, 6" 55100200 (FOOT)	STORM SEWER REMOVAL, 8" 55100300 (FOOT)
39' S.S. PIPE	7+05.71	673.30	19.7' LT.		7+47.34	673.45	13.4' LT.	12	39.0	40.0	--
47' S.S. PIPE	7+05.71	673.30	19.4' LT.		6+92.08	673.13	12.2' RT.	12	46.5	--	47.0
62' S.S. PIPE	6+92.08	673.25	8.8' RT.		7+48.14	673.50	9.3' RT.	12	62.0	--	--
TIE-IN SECTIONS	--	--	--		--	--	--	12	16	--	--
TOTAL =									163.5	40.0	47.0
ROUND TO:									165.0	40.0	47.0

* FOUR (4) 4' TIE-IN SECTIONS NEEDED AT STRUCTURES = TOTAL 16' OF STORM SEWER PIPE.

DESCRIPTION	STATION	OFFSET (FEET)	TOM ELEVATION	TOP PAD ELEVATION	OUTLET INVERT ELEVATION	INLETS, TYPE A, TYPE 8 GRATE 60236200 (EACH)	INLETS, TYPE A, TYPE 9 FRAME & GRATE 60236600 (EACH)	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID 60240210 (EACH)	REMOVING CATCH BASINS 60500050 (EACH)	REMOVING INLETS 60500060 (EACH)
INLET #3	7+04.57	18.7' LT.	675.46	671.79	672.14	1.0	--	--	1.0	--
INLET #2	7+47.77	13.4' LT.	674.8	671.88	672.28	--	1.0	--	--	1.0
INLET #1	7+48.94	9.3' RT.	674.49	671.82	672.33	--	1.0	--	--	1.0
INLET #4	6+92.08	25.5' RT.	678.23	671.73	671.94	--	--	1.0	--	--
TOTAL =						1.0	2.0	1.0	1.0	2.0
ROUND TO:						1.0	2.0	1.0	1.0	2.0



EXIST. CURVE FAS509_SWR.3
 PI STA. = 7+66.90
 $\Delta = 50^\circ 25' 00''$ (LT)
 D = 13° 59' 53"
 R = 409.31'
 T = 192.68'
 L = 360.17'
 E = 43.08'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 5+74.22
 P.T. STA. = 9+34.39



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)

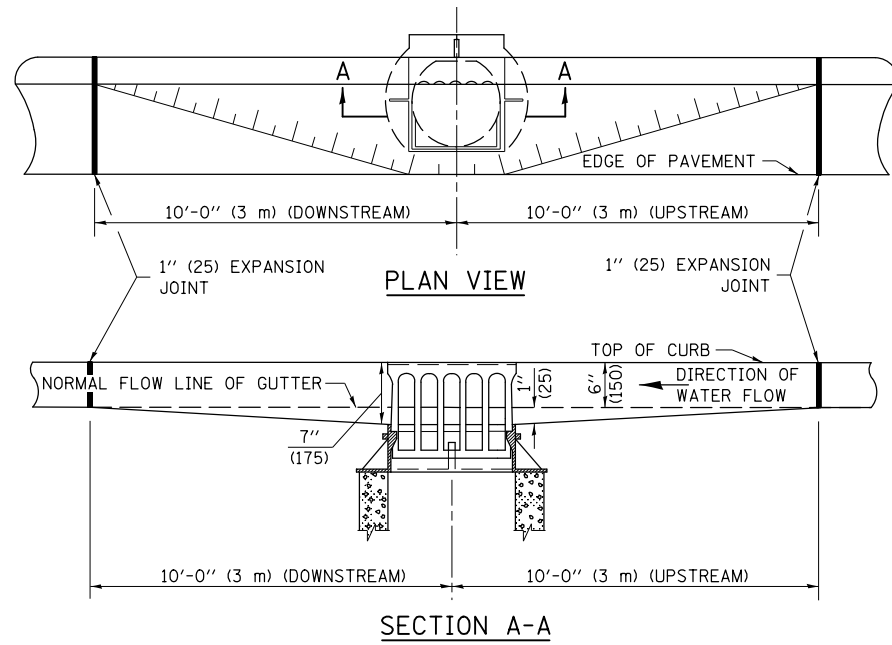
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

• F.A.S. ROUTE 331 & F.A.S. ROUTE 509

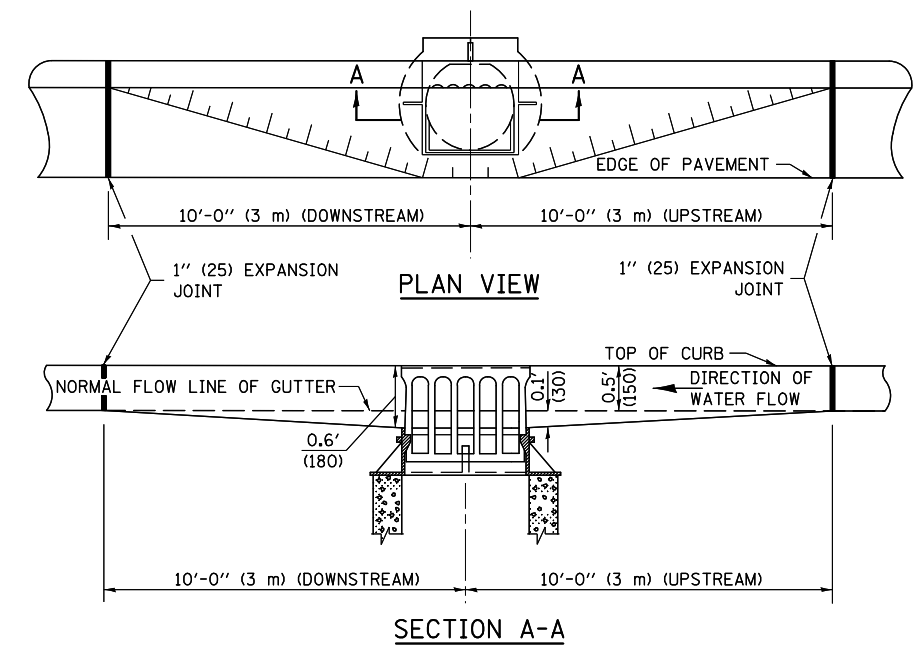
DISTRICT 5 DETAIL NO. 54248510

FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE COLLAR			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -					CONTRACT NO. 70C44				
	PLOT DATE = 1/20/2017							ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.			

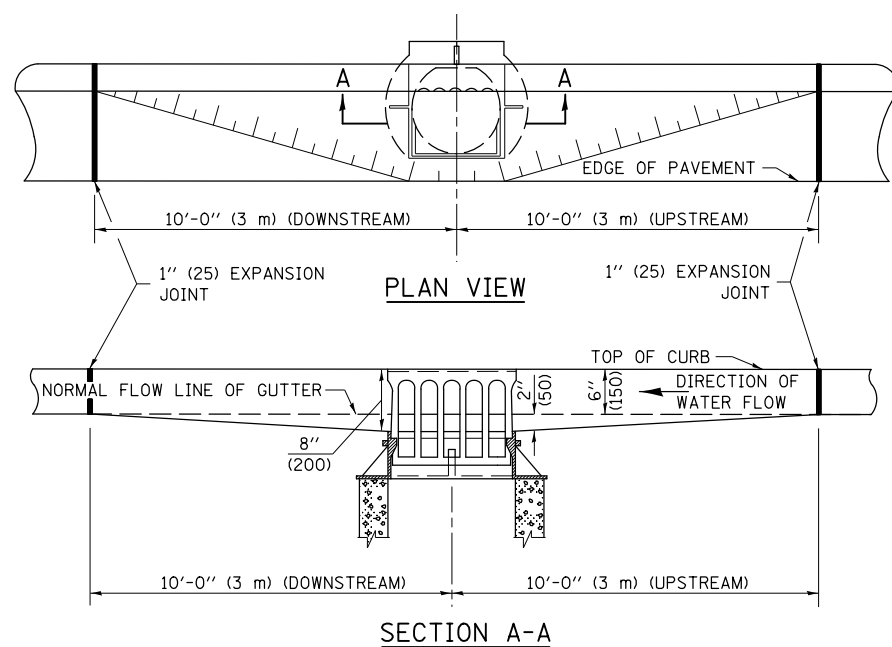
GUTTER DEPRESSION 1" (25mm)



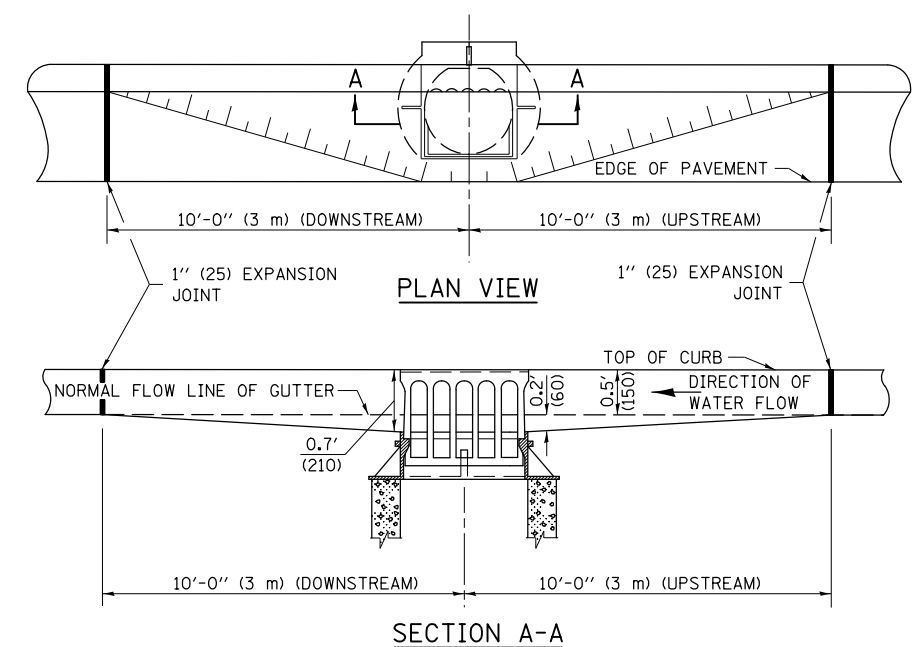
GUTTER DEPRESSION 0.1 FOOT (30mm)



GUTTER DEPRESSION 2" (50mm)



GUTTER DEPRESSION 0.2 FOOT (60mm)



GENERAL NOTES

1. THE TWO EXPANSION JOINTS SHALL BE PLACED AS SHOWN IN STANDARD 606001.
2. THE GUTTER GRADE SHALL BE DEPRESSED AT ALL INLETS, CATCH BASINS AND MANHOLES UNLESS OTHERWISE SPECIFIED IN THE PLANS.
3. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS PAY ITEMS OF WORK INVOLVED.

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

• F.A.S. ROUTE 331 & F.A.S. ROUTE 509

DISTRICT 5 DETAIL NO. 606AAAAA

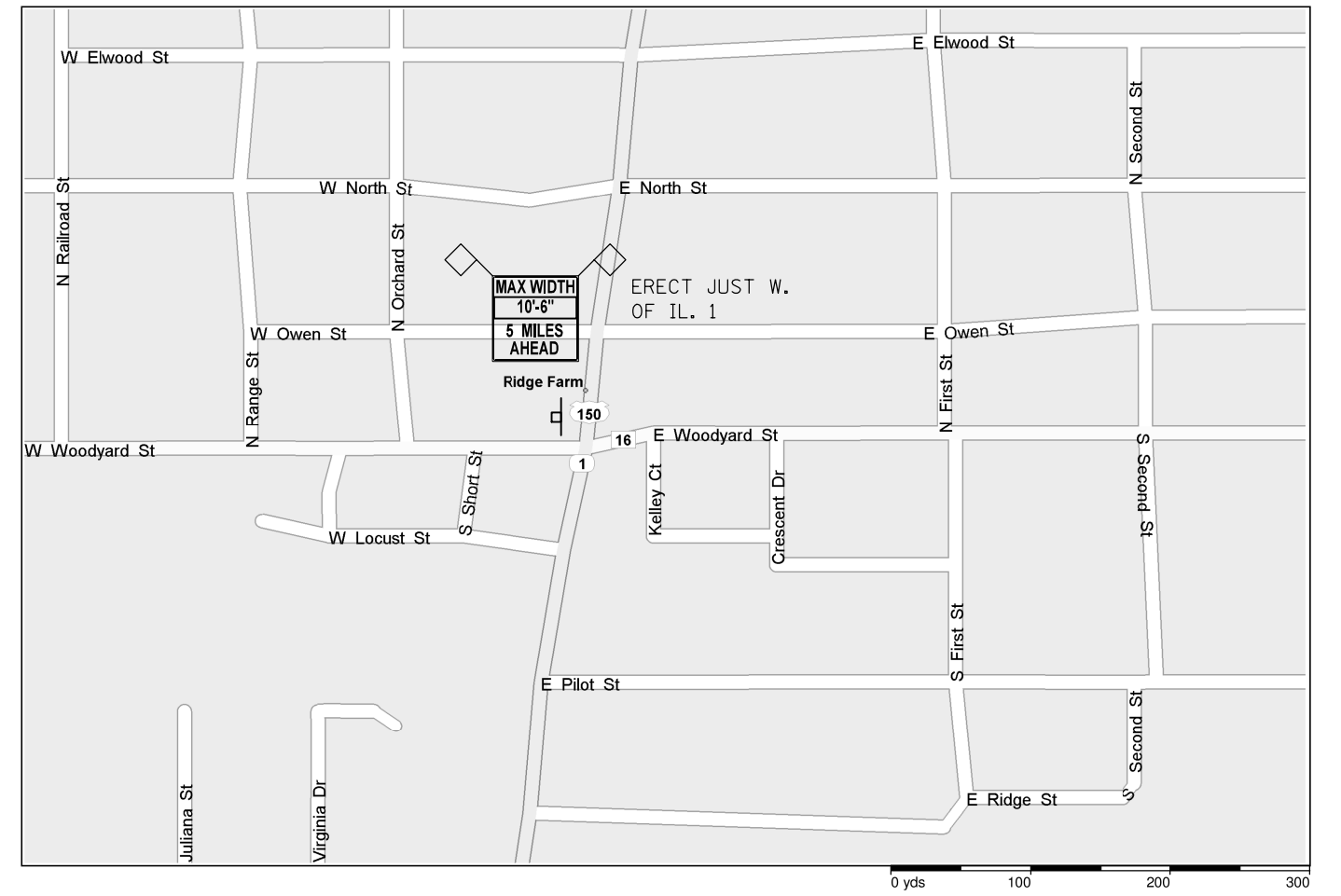
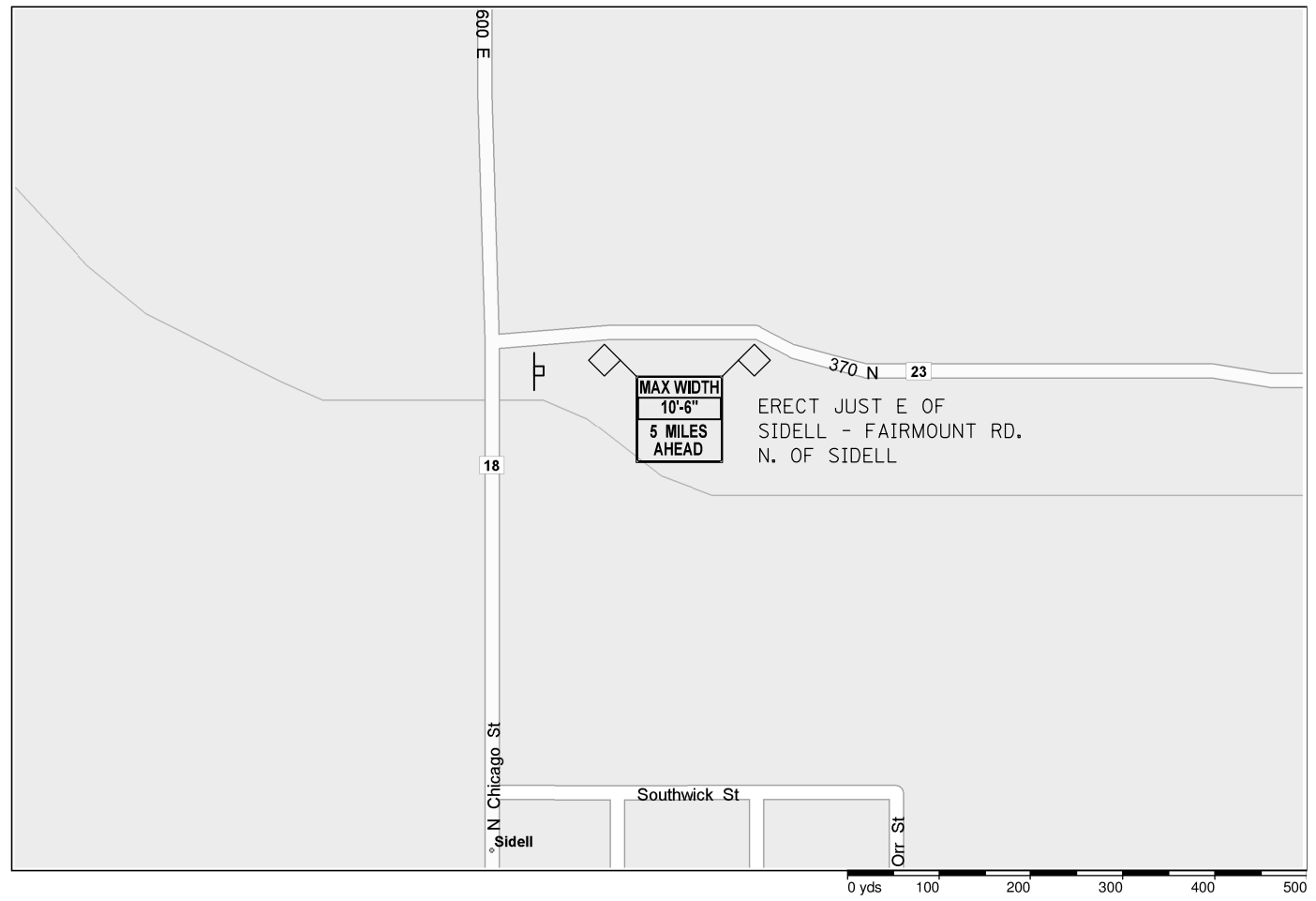
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\$MODELNAME\$	PLOT DATE = 1/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUTTER DEPRESSION AT INLETS, CATCH BASINS AND MANHOLES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2017-5	VERMILION	41	24
			CONTRACT NO. 70C44	
ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 1/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIDTH RESTRICTION DETAIL

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

* F.A.S. ROUTE 331 & F.A.S. ROUTE 509				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2017-5	VERMILION	41	25
			CONTRACT NO. 70C44	
ILLINOIS FED. AID PROJECT				



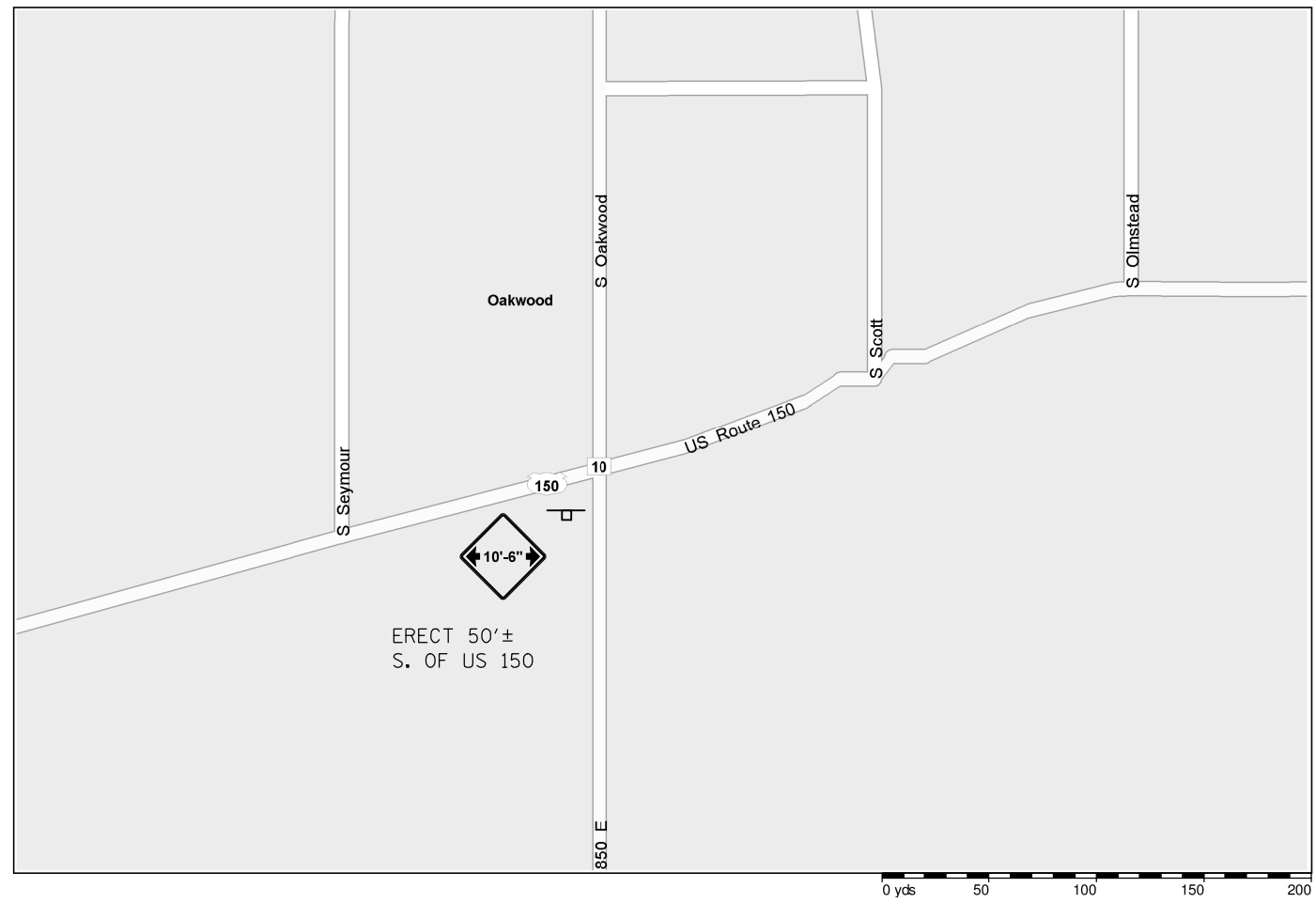
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 1/20/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIDTH RESTRICTION DETAIL

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

• F.A.S. ROUTE 331 & F.A.S. ROUTE 509			
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS
•	D5 CM PATCHING 2017-5	VERMILION	41
			SHEET NO. 26
			CONTRACT NO. 70C44
ILLINOIS FED. AID PROJECT			



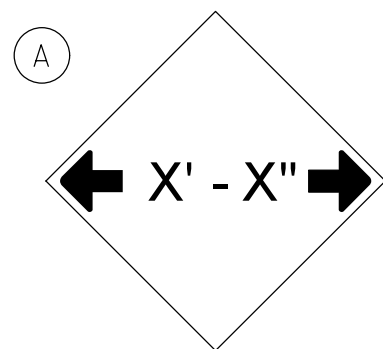
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p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0570C44\Drawings\0570C44-shr-details.dwg		DRAWN -	REVISED -
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

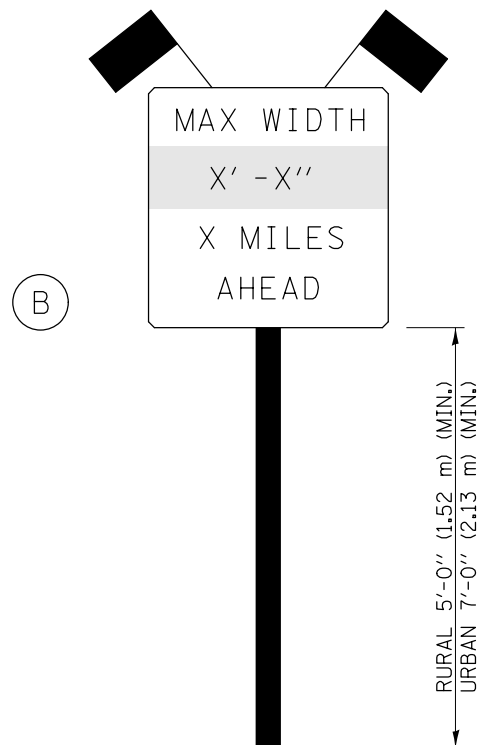
WIDTH RESTRICTION DETAIL			
SCALE:	SHEET 3	OF 4	SHEETS
	STA.		TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2017-5	VERMILION	41	27
			CONTRACT NO. 70C44	
ILLINOIS FED. AID PROJECT				

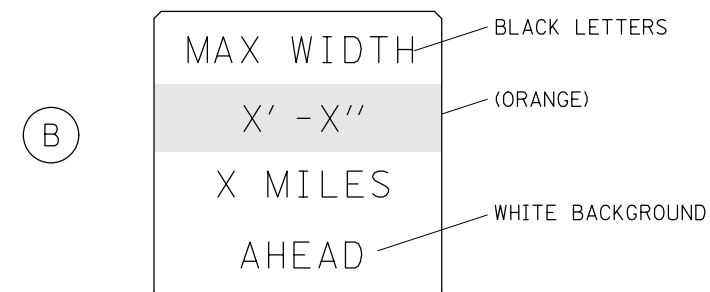
• F.A.S. ROUTE 331 & F.A.S. ROUTE 509



W12-2(0)-48"x48"(1200x1200)



SIGN PANEL, TYPE II



W12-I103(0)-48"x48"(1200x1200)
"D" LETTERS/NUMBERS

SIGN (A) 2 SIGNS - W12-2(0)-48"x48"(1200x1200) ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SIGN (B) 2 SIGNS - (SIGN PANEL, TYPE II) AS SHOWN ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL (B) SIGNS SHALL HAVE FLAGS INSTALLED UNLESS OTHERWISE DIRECTED.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING.
5. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE DIRECTED.
6. ALL SIGNS SHOWN ORANGE (O) SHALL BE FLUORESCENT ORANGE.
7. ALL SIGNS SHOWN SHALL CONSIST OF THE CURRENT RETROREFLECTIVE SHEETING REQUIREMENTS AS OUTLINED IN SECTION 1106.01 OF THE STANDARD SPECIFICATIONS BOOK.

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

• F.A.S. ROUTE 331 & F.A.S. ROUTE 509

DISTRICT 5 DETAIL NO. X7200201

FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED - 03/11 -KJT
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		PLOT SCALE = 40.0000' / in.	REVISED - 10/08 - KJT
		DATE -	REVISED - 7/09 - KJT

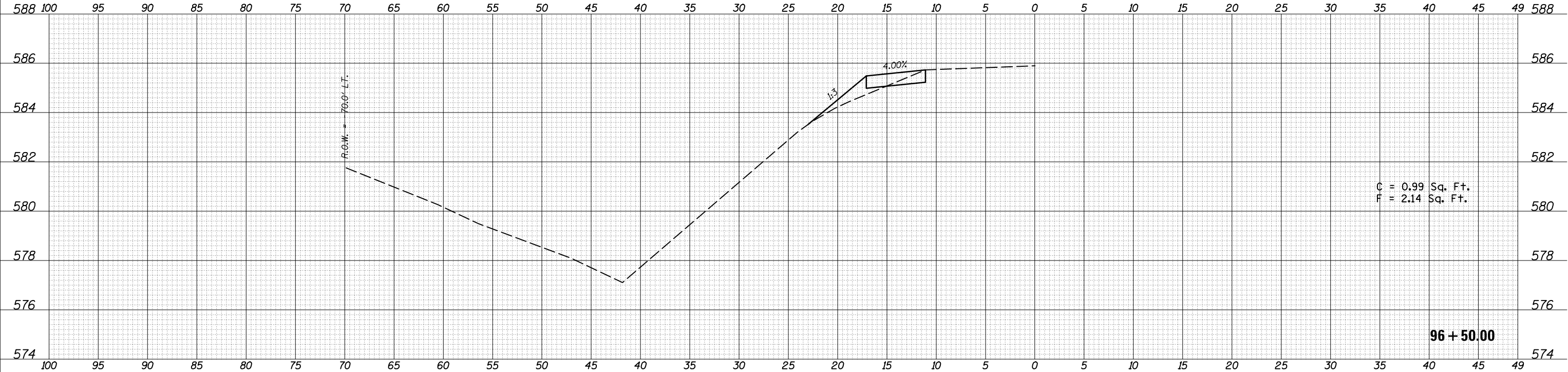
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIDTH RESTRICTION SIGNING

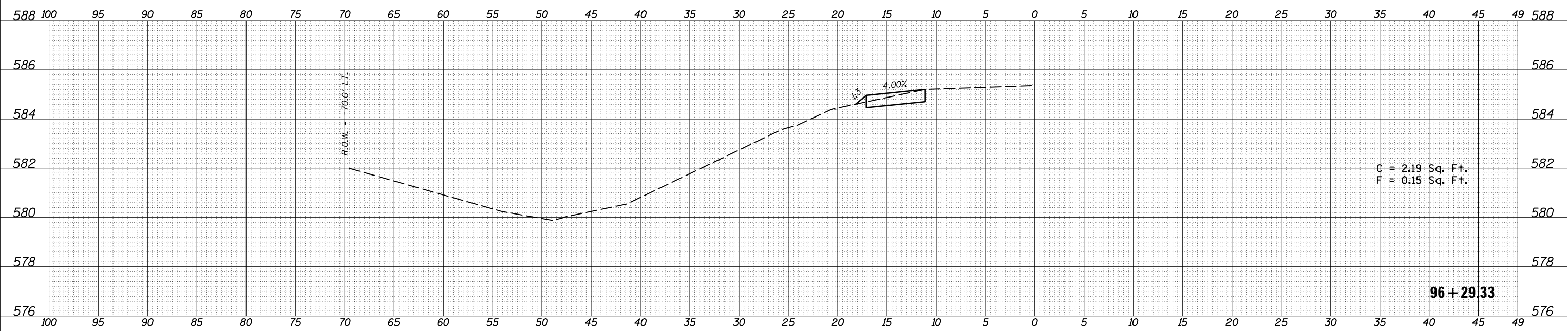
SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D5 CM PATCHING 2017-5	VERMILION	41	28
				CONTRACT NO. 70C44
ILLINOIS FED. AID PROJECT				

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



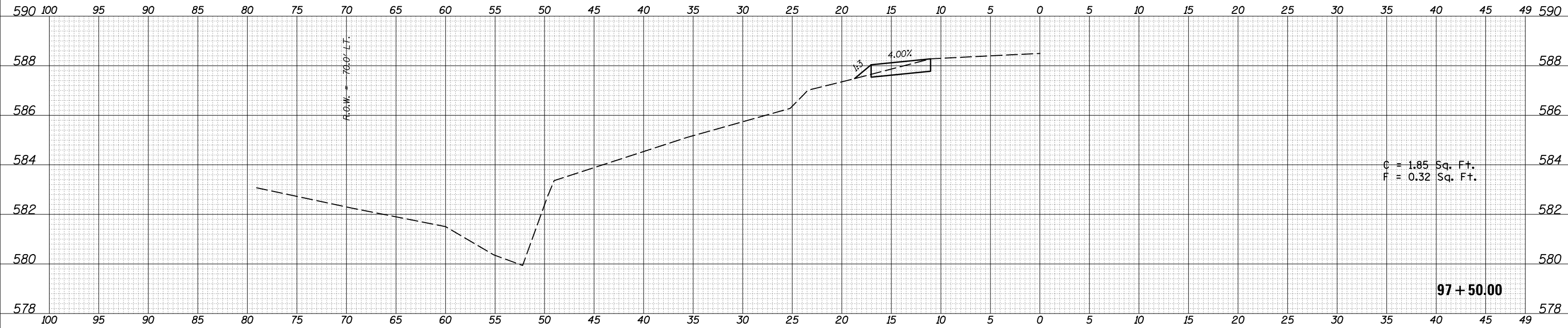
BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



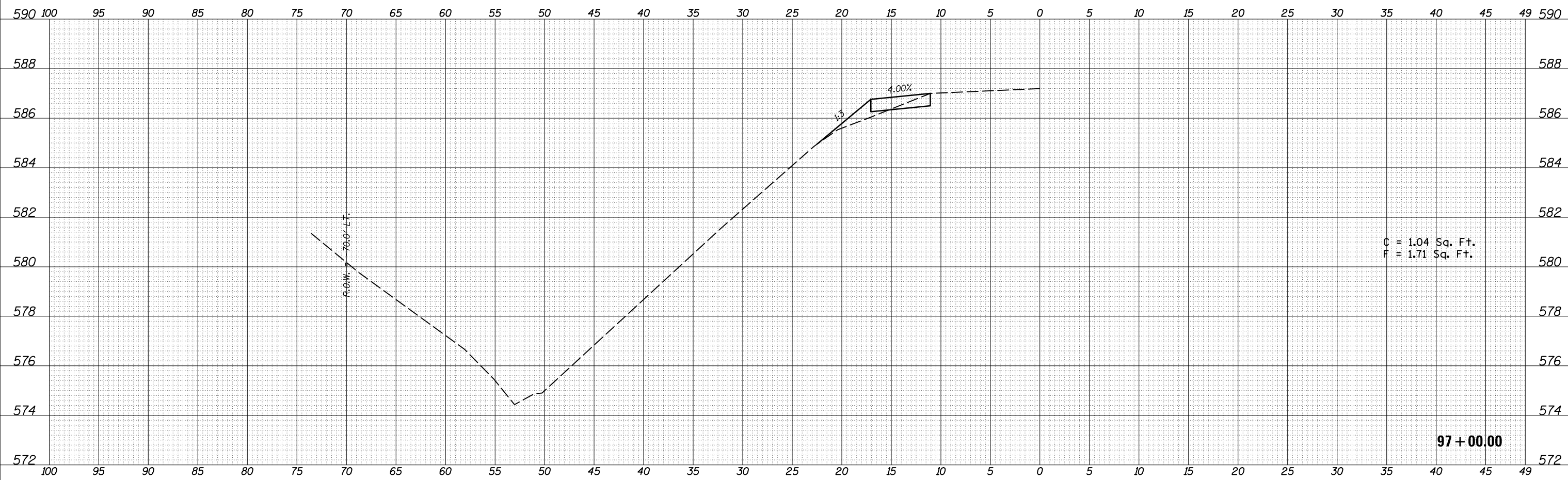
FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 331 - CROSS SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\NIDOT Offices\District 5\Projects\D570C44\CADD\Design\D570C44-sht-XS-Oakwood(2).dgn	DRAWN	REVISIONS	REVISED -					331	D5 CM PATCHING 2017-5	VERMILION	41	29
\$MODELNAME\$	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70C44							
	PLOT DATE = 1/20/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SCALE: SHEET 1 OF 10 SHEETS STA. 96+29.33 TO STA. 96+50.00

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



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



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -
p:\11084EBIDINTEG\Illinois.gov\IDOT\Documents\IDOT Offices\District 5\Projects\0570C44\CD\DRAWING\0570C44-sht-XS-Oakwood21.dgn		REVISIONS	REVISIONS
		CHECKED -	REVISED -
		DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 1/20/2017		

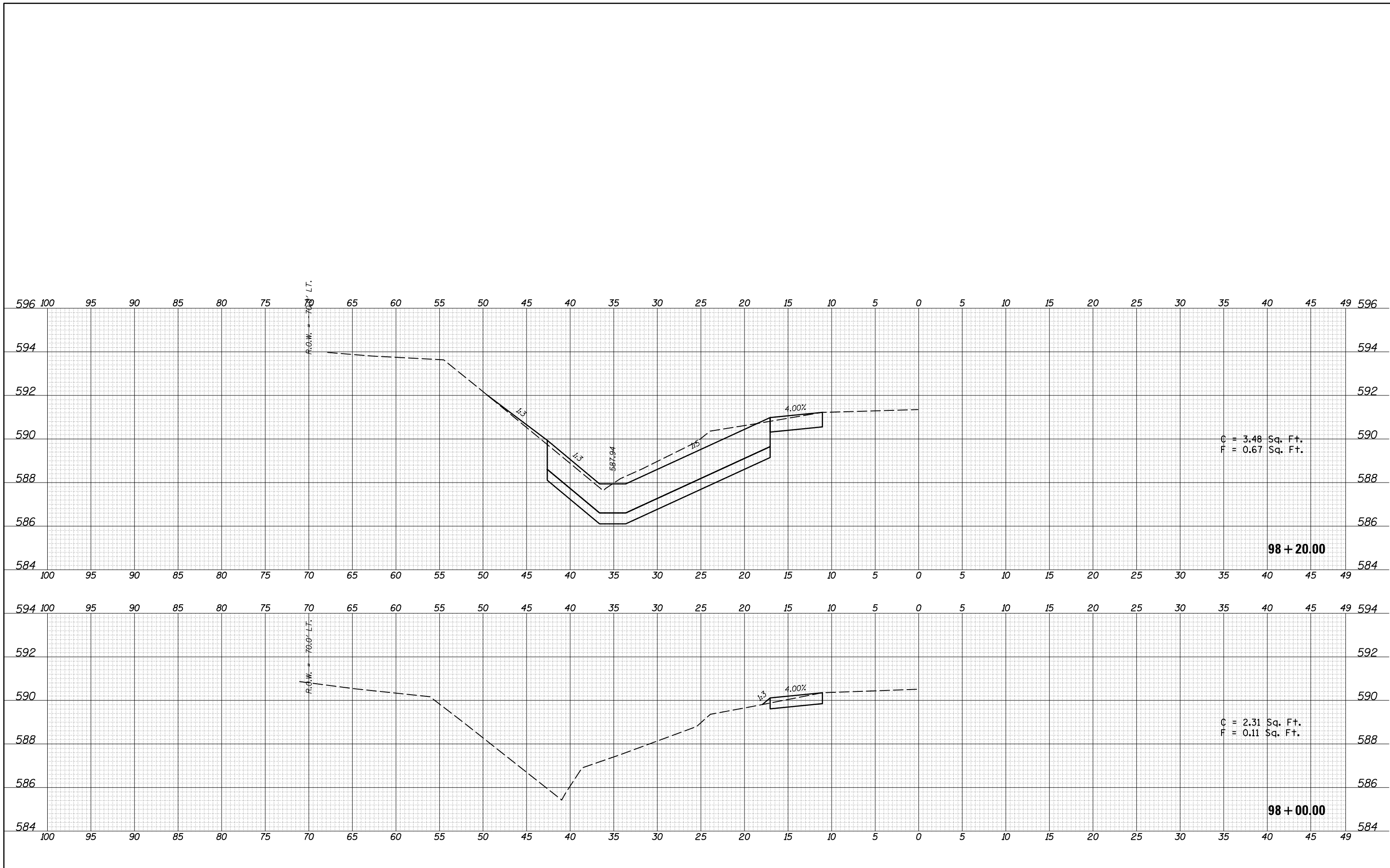
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAS 331 - CROSS SECTIONS	
SCALE:	SHEET 2 OF 10 SHEETS STA. 97+00.00 TO STA. 97+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	30
CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT	

DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



C = 3.48 Sq. Ft.
F = 0.67 Sq. Ft.

98 + 20.00

C = 2.31 Sq. Ft.
F = 0.11 Sq. Ft.

98 + 00.00

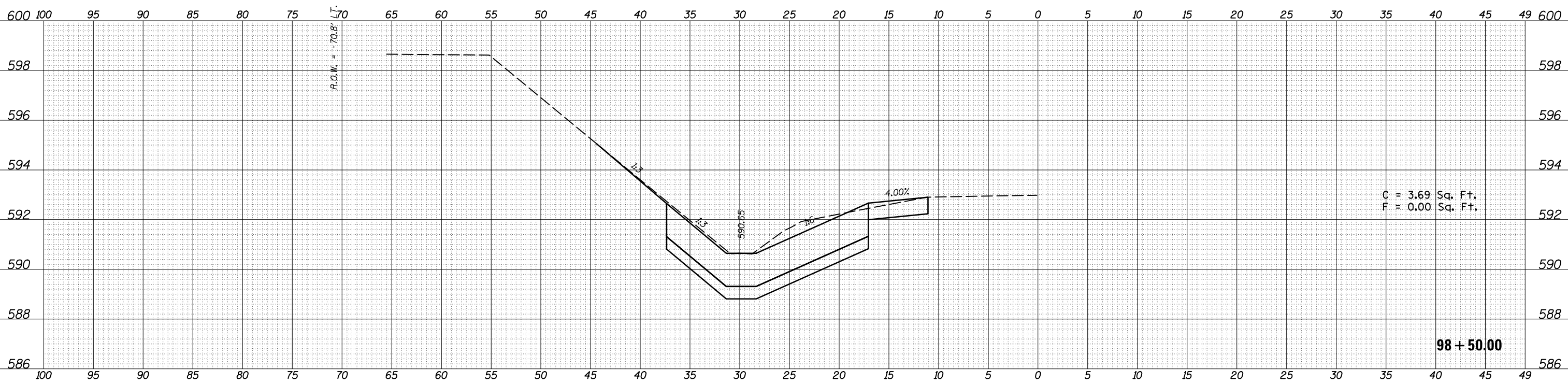
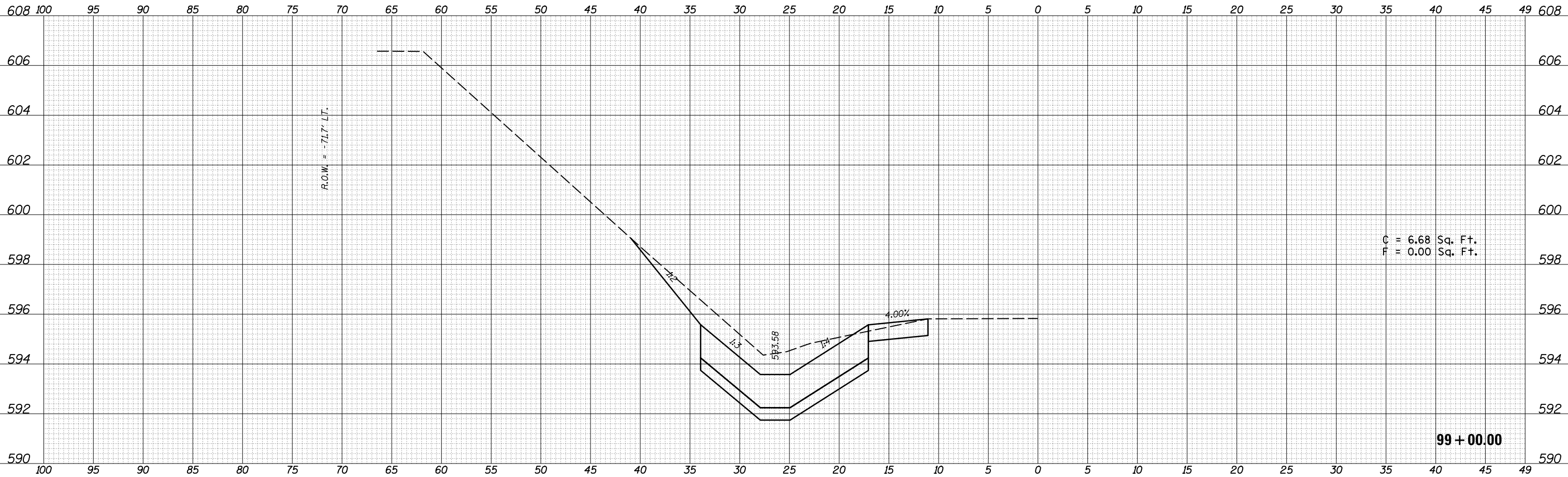
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		CHECKED -	REVISED -
		DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 1/20/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAS 331 - CROSS SECTIONS

SCALE: SHEET 3 OF 10 SHEETS STA. 98+00.00 TO STA. 98+20.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70C44	



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

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

FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE - 1/20/2017	REVISED -

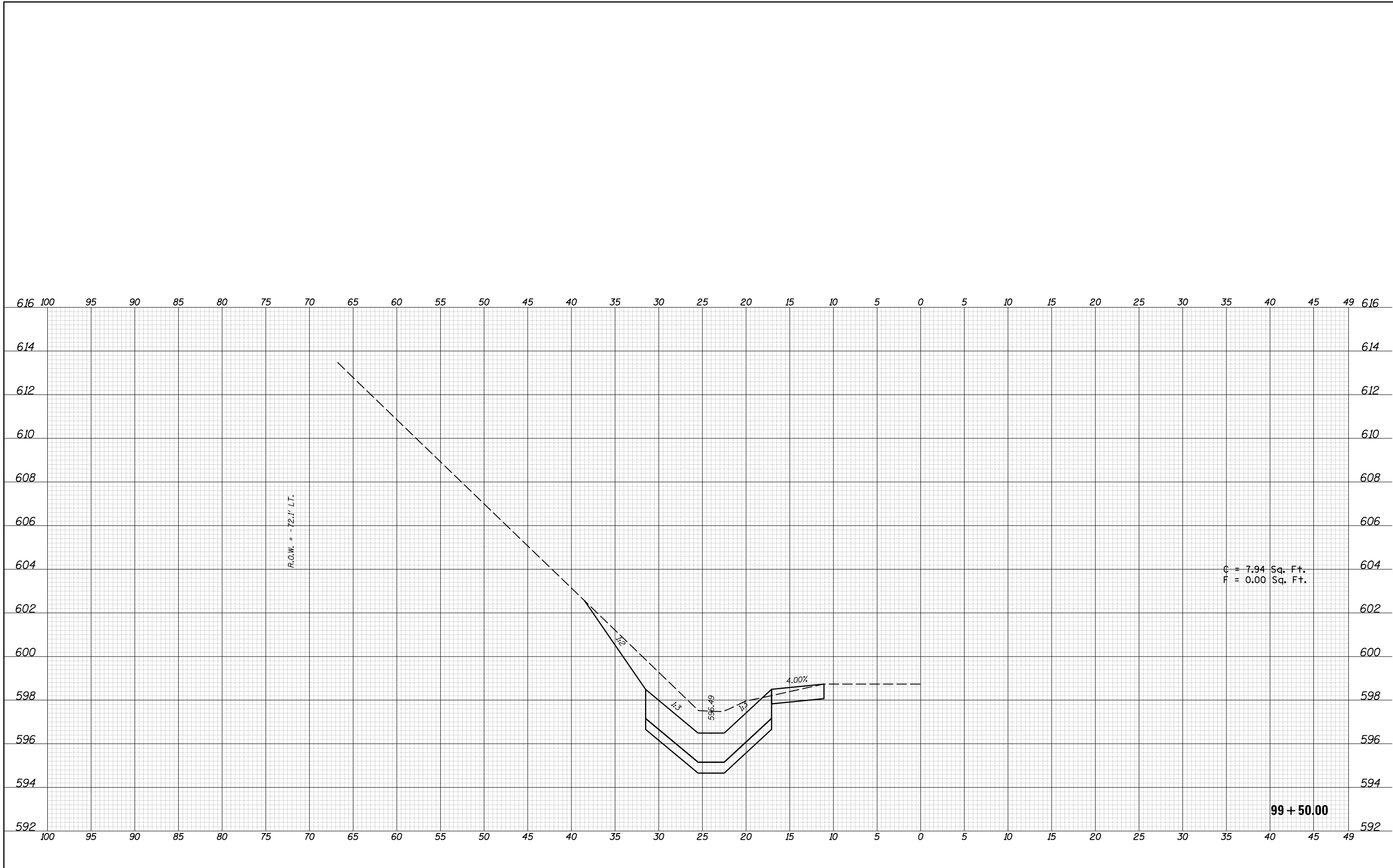
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAS 331 - CROSS SECTIONS	
SCALE:	SHEET 4 OF 10 SHEETS STA. 98+50.00 TO STA. 99+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70C44	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

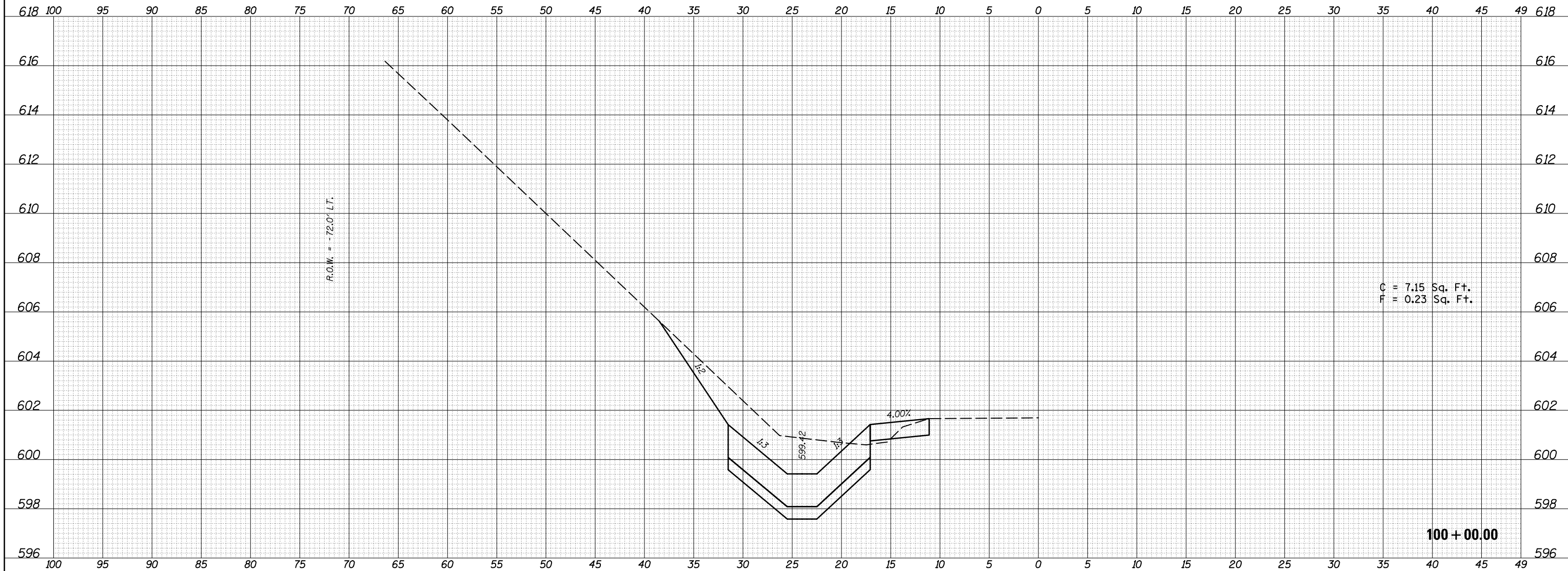
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAS 331 - CROSS SECTIONS	
SCALE:	SHEET 5 OF 10 SHEETS STA. 99+50.00 TO STA. 99+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	33
CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT	

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

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



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\$MODELNAME\$	PLOT DATE = 1/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

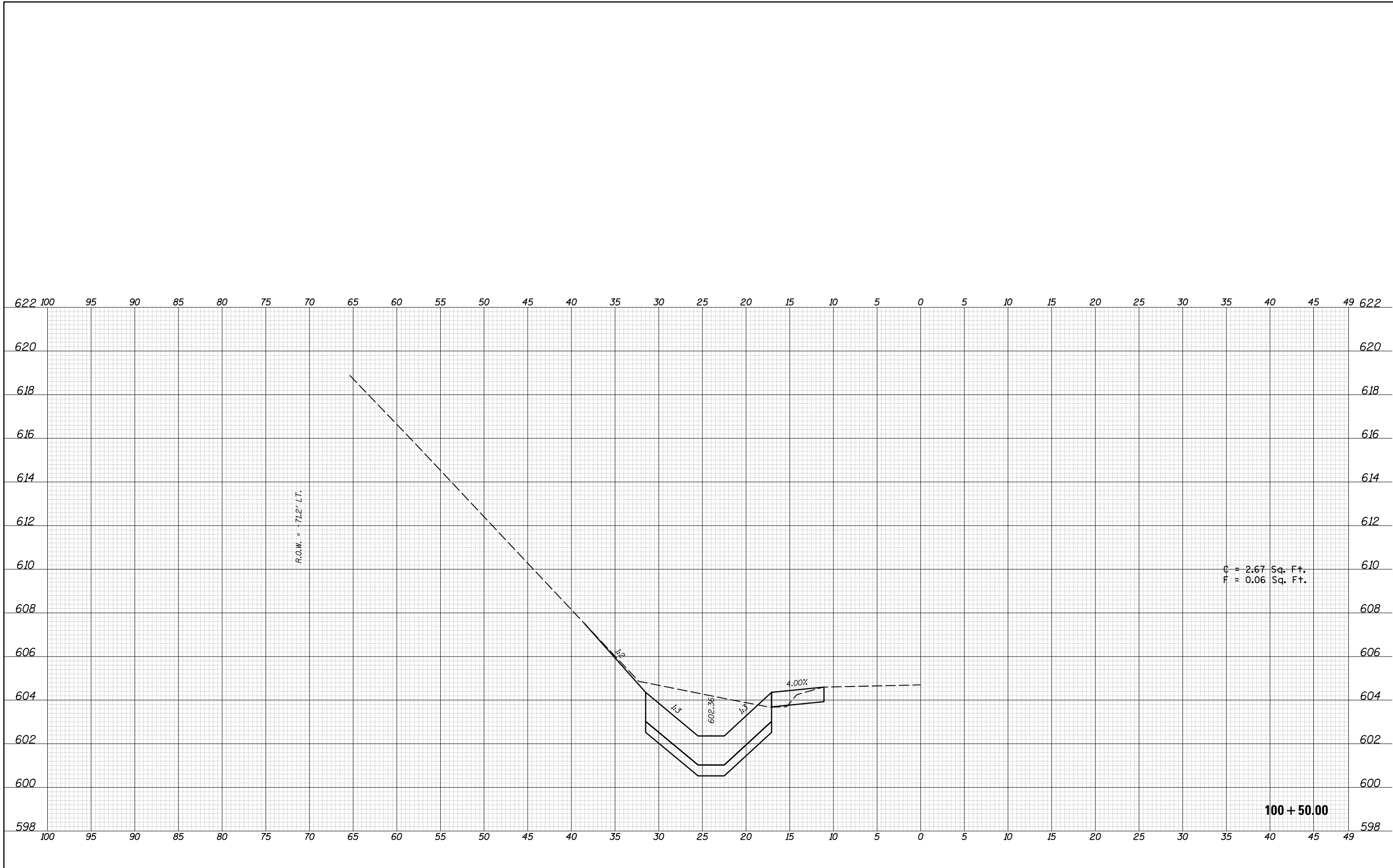
FAS 331 - CROSS SECTIONS

SCALE: SHEET 6 OF 10 SHEETS STA. 100+00.00 TO STA. 100+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	34
CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -
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	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 1/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

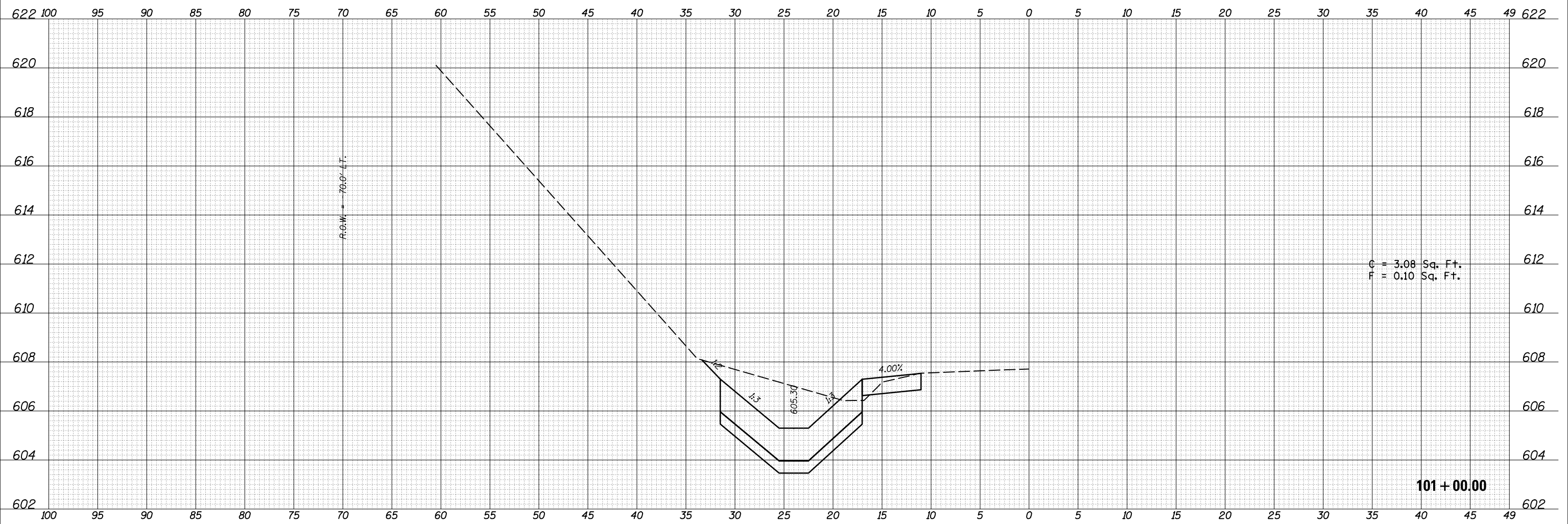
FAS 331 - CROSS SECTIONS

SCALE: SHEET 7 OF 10 SHEETS STA. 100+50.00 TO STA. 100+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	35
CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/20/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

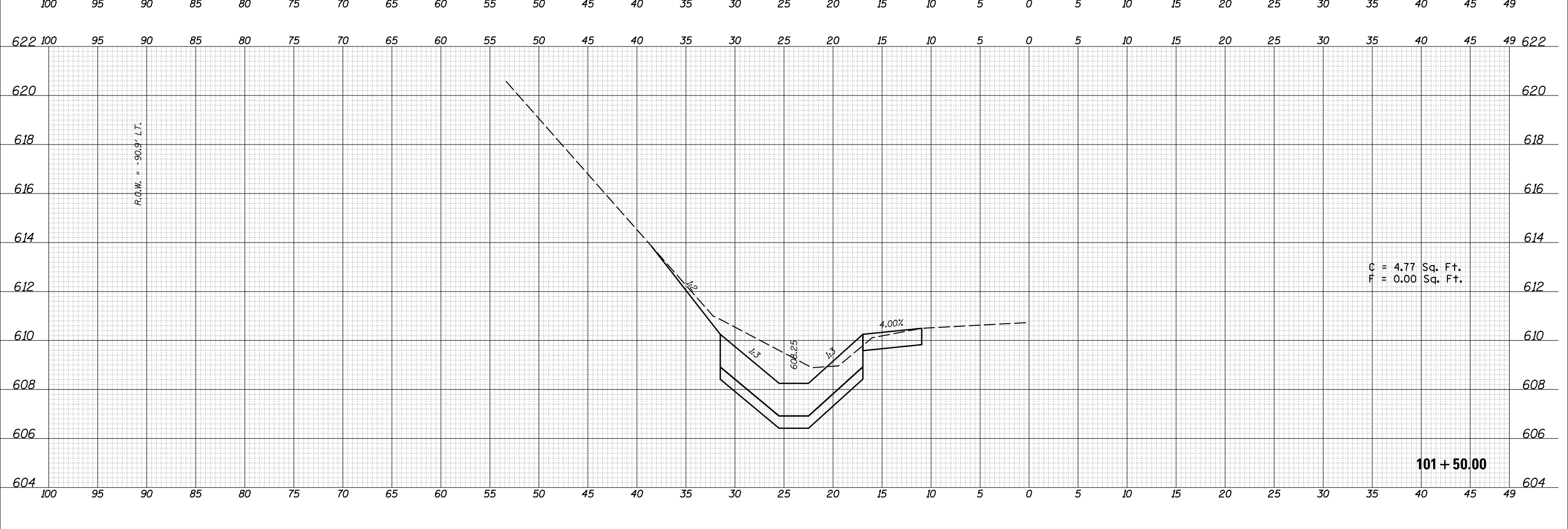
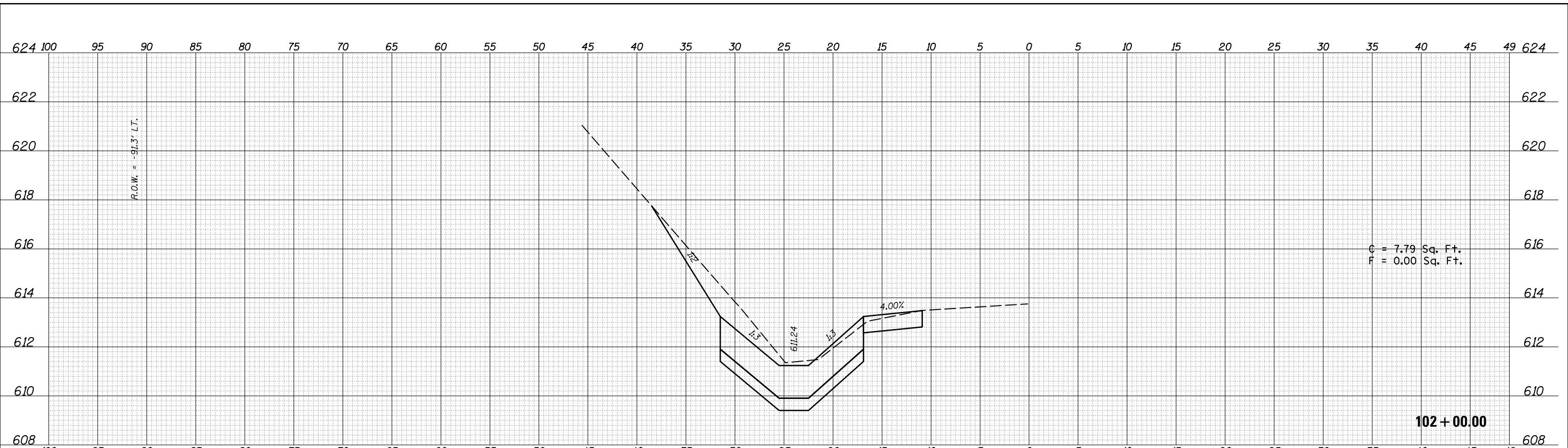
FAS 331 - CROSS SECTIONS

SCALE: SHEET 8 OF 10 SHEETS STA. 101+00.00 TO STA. 101+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	36
CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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TEMPLATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

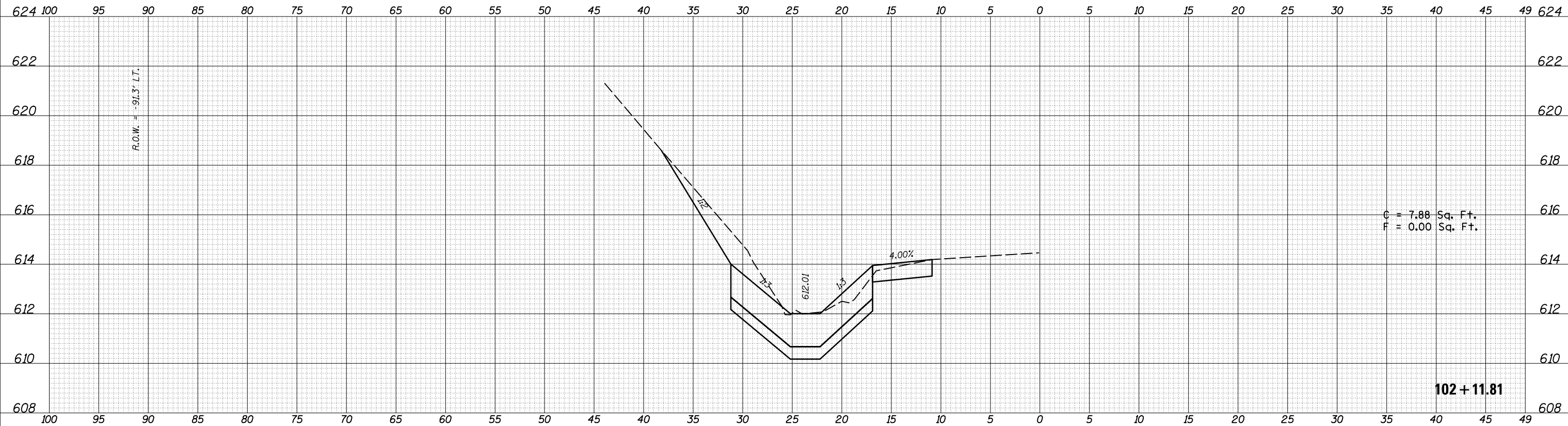
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAS 331 - CROSS SECTIONS	
SCALE:	SHEET 9 OF 10 SHEETS STA. 101+50.00 TO STA. 102+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	37
CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT	

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

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



C = 7.88 Sq. Ft.
F = 0.00 Sq. Ft.

102 + 11.81

FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

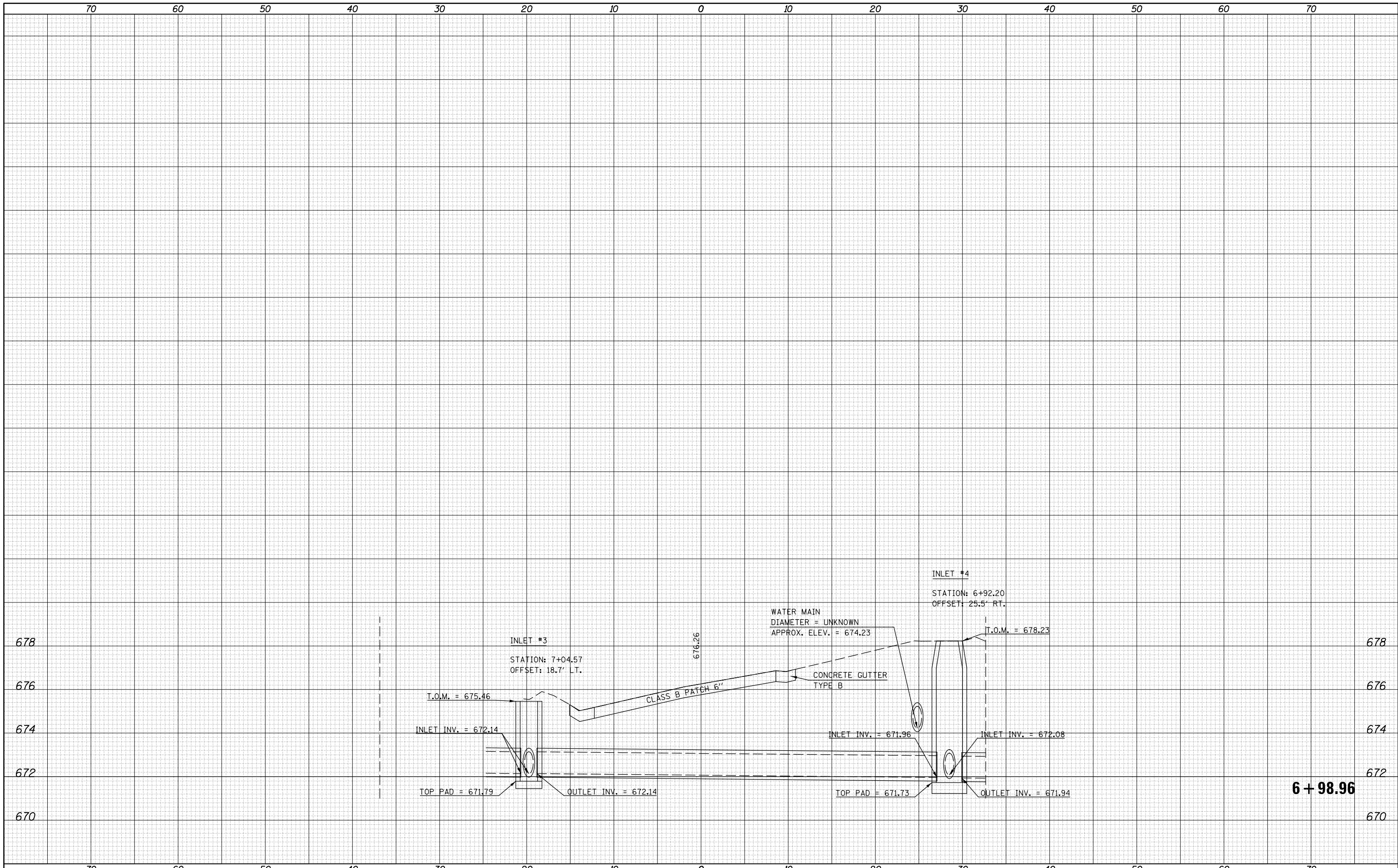
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAS 331 - CROSS SECTIONS	
SCALE:	SHEET 10 OF 10 SHEETS STA. 102+11.81 TO STA. 102+11.81

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	D5 CM PATCHING 2017-5	VERMILION	41	38
CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
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USER NAME = hodgsonra
 DESIGNED -
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 1/20/2017

DESIGNED -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FAS 509 - INDIANOLA CROSS SECTIONS

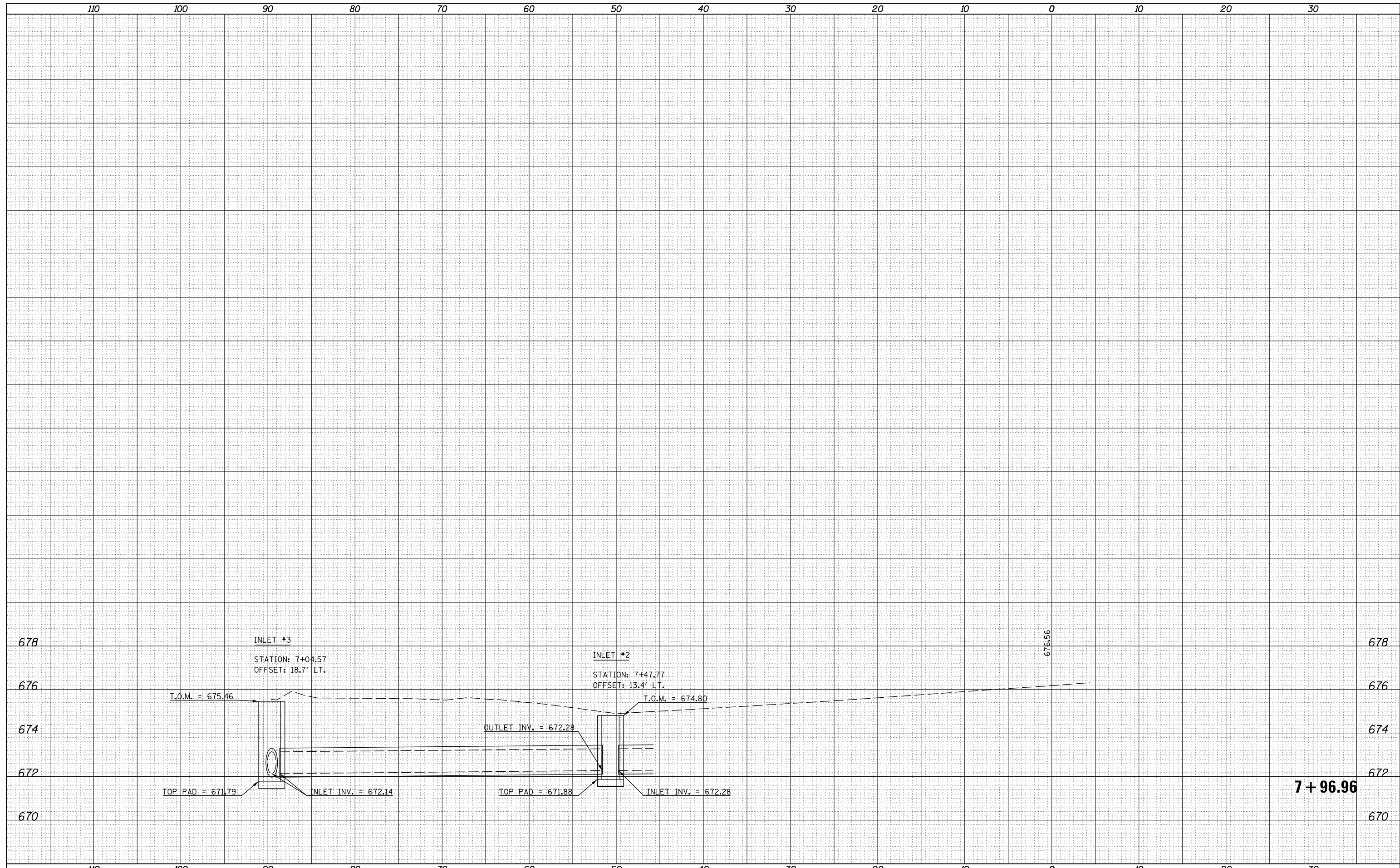
SCALE: SHEET 1 OF 3 SHEETS STA. 6+98.96 TO STA. 6+98.96

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
509	D5 CM PATCHING 2017-5	VERMILION	41	39
CONTRACT NO. 70C44			ILLINOIS FED. AID PROJECT	

6 + 98.96

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

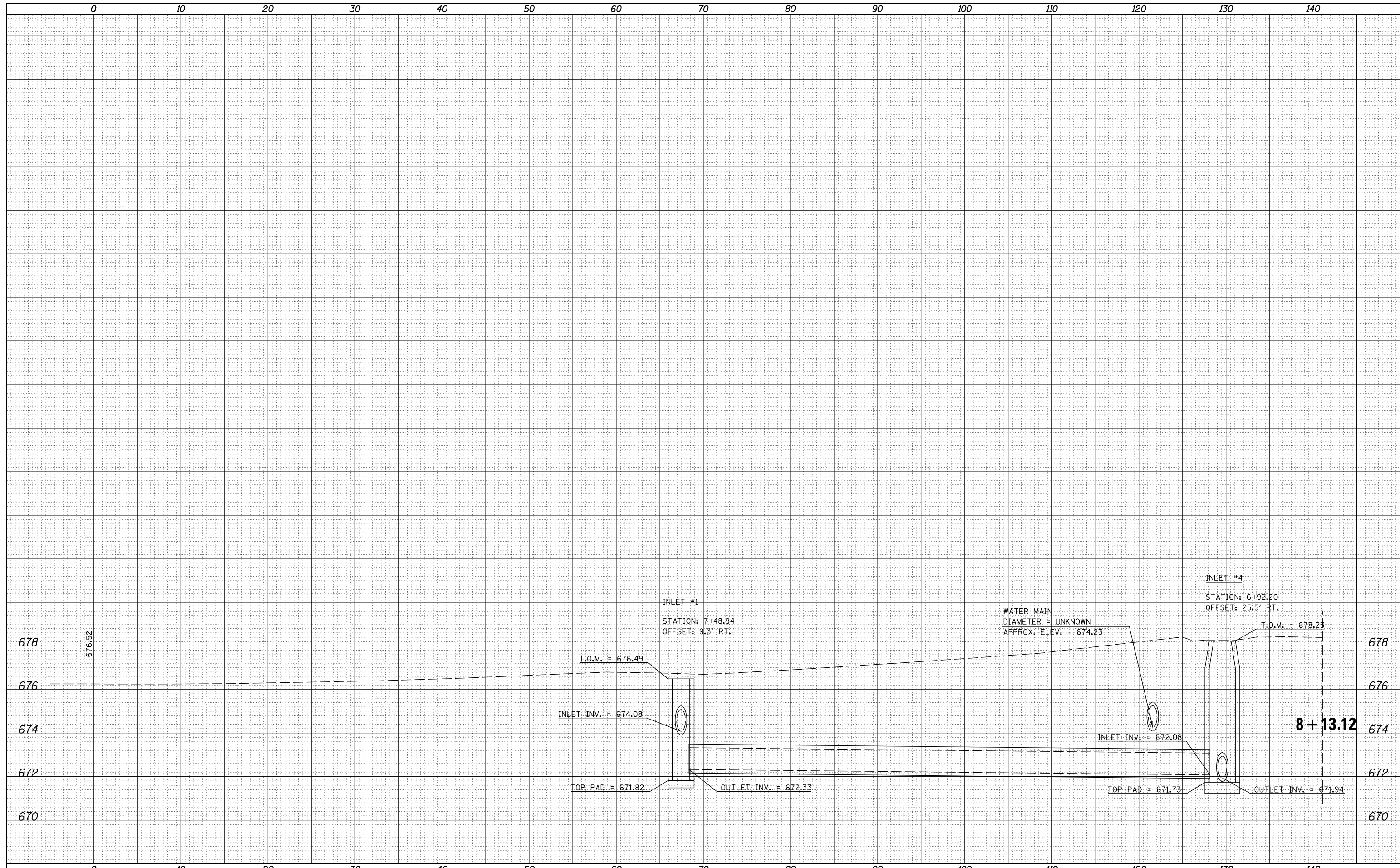
DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">FAS 509 - INDIANOLA CROSS SECTIONS</p>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70C44				
\$MODELNAME\$	DATE -	REVISED -	REVISED -		SCALE:	SHEET 2	OF 3	SHEETS	STA. 7+96.96
ILLINOIS FED. AID PROJECT									

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = hodgsonra	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 509 - INDIANOLA CROSS SECTIONS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570C44\CD\Drawings\0570C44-sht-XS-Indianola.dgn	PLLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -			509	D5 CM PATCHING 2017-5	VERMILION	41	41	
\$MODELNAME\$	PLLOT DATE = 1/20/2017	DATE -	REVISOR -			CONTRACT NO. 70C44					
						ILLINOIS FED. AID PROJECT					