

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 173	13-05123-01-BR	WABASH	25	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 95869	

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	SUMMARY OF QUANTITIES AND GENERAL NOTES
3.	TYPICAL CROSS SECTIONS
4.	PLAN AND PROFILE
5-9.	CULVERT PLANS
10-11.	BORINGS
12-25.	STATION CROSS SECTIONS

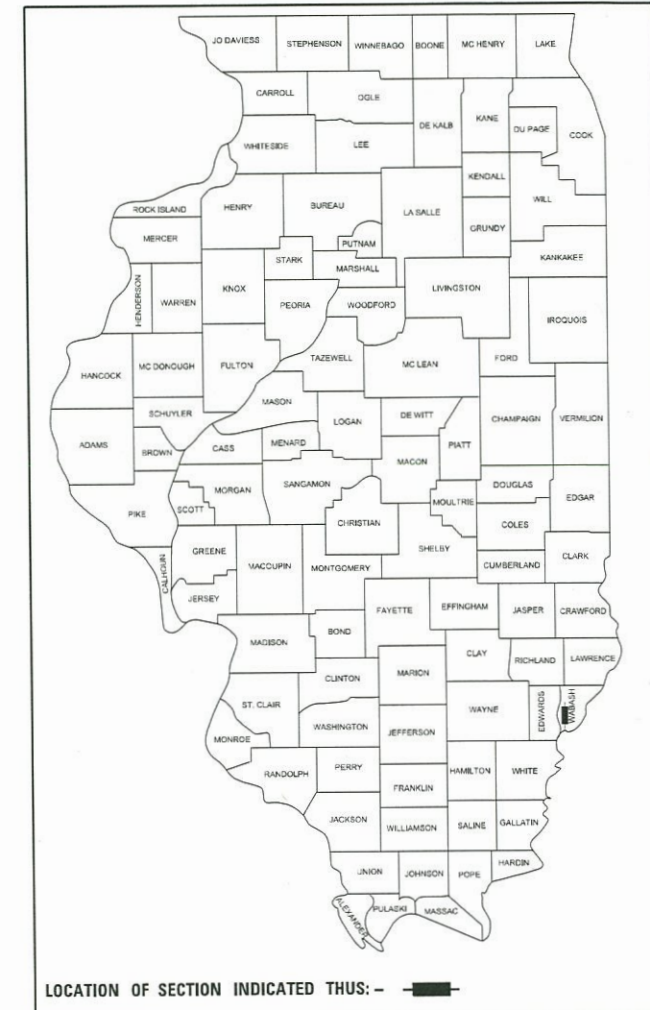
HIGHWAY STANDARDS:

000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
515001-04	NAME PLATE FOR BRIDGES
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

# PLANS FOR PROPOSED SURFACE TRANSPORTATION PROGRAM – BRIDGE

**PROJECT R1YG(351)  
SECTION 13-05123-01-BR  
ROAD DISTRICT NO. 5  
WABASH COUNTY**

**T.R. 173  
PROPOSED STRUCTURE NO. 093-5006  
C-97-073-20**



**UTILITIES**

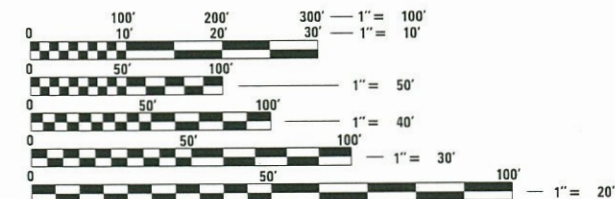
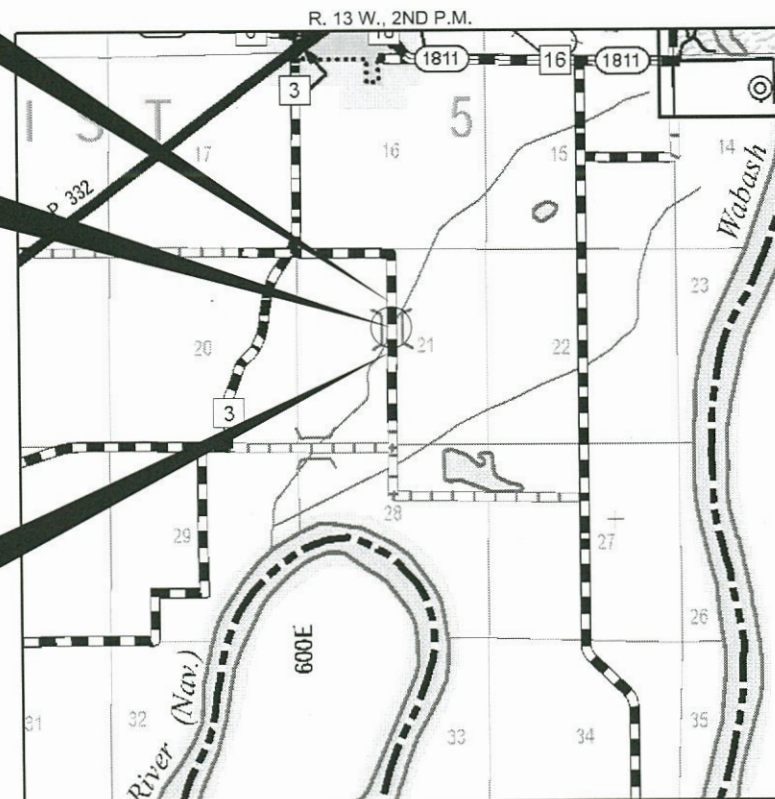
AMEREN  
1403 S. MAIN  
BENTON, IL 62812

FRONTIER COMMUNICATIONS  
208 W. UNION  
MARION, IL 62959

IMPROVEMENT ENDS  
STATION 6+70

STA. 5+00  
SINGLE 16"X9" CAST-IN-PLACE CONCRETE BOX  
CULVERT.  
60'-6" LENGTH; SKEW = 58°  
EXISTING STRUCTURE NO. 093-3072  
PROPOSED STRUCTURE NO. 093-5006

IMPROVEMENT BEGINS  
STATION 3+20



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.

FUNCTIONAL CLASSIFICATION: LOCAL ROAD  
DESIGN SPEED: 30 MPH  
DESIGN TRAFFIC: 150 ADT

**LOCATION MAP**

APPROXIMATE SCALE: 0 1/2 MILE  
GROSS LENGTH OF SECTION = 350 FEET = 0.066 MILES  
NET LENGTH OF SECTION = 210 FEET = 0.039 MILES



**WARNING**

**CALL 811 BEFORE YOU DIG**  
DIG NO: X2400367

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

APPROVED *[Signature]* 12-30-19  
COUNTY ENGINEER

APPROVED *[Signature]* 12-31-2019  
TOWNSHIP COMMISSIONER

PASSED *[Signature]* 1-3-20  
DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review  
*[Signature]* 1-3-20  
REGION FOUR ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DATE: 12/30/2019

**HAMPTON, LENZINI AND RENWICK, INC.**  
CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS  
3085 STEVENSON DRIVE, SUITE 201  
SPRINGFIELD, ILLINOIS 62703  
217.546.3400 www.hirengineering.com

184.000959  
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL
			CONSTRUCTION TYPE CODE 0010
20200100	EARTH EXCAVATION	CU YD	1,624
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	415
35101400	AGGREGATE BASE COURSE, TYPE A	TON	200
* 50900205	STEEL RAILING, TYPE S1	FOOT	59
51500100	NAME PLATES	EACH	1
54003000	CONCRETE BOX CULVERTS	CU YD	160.9
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	70
67100100	MOBILIZATION	L SUM	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
^ X0426200	DEWATERING	L SUM	1
^ X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	122
X2070302	POROUS GRANULAR EMBANKMENT, SPECIAL	TON	80
^ X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.1
^ XX009350	REINFORCEMENT BARS, SPECIAL	POUND	43,030

^ SEE SPECIAL PROVISIONS

\* SPECIALTY ITEMS

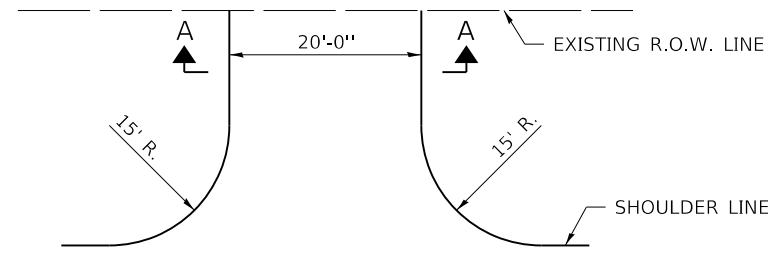
**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING, FENCE REMOVAL, STUMP REMOVAL, AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE REMOVAL AND DISPOSAL OF EXISTING BITUMINOUS & AGGREGATE PAVEMENT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE LOCATION OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:  
 AGGREGATE SURFACE COURSE 2.05 TON/CU YD  
 STONE DUMPED RIPRAP 1.75 TON/CU YD  
 POROUS GRANULAR EMBANKMENT 1.50 TON/CU YD
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITY: SEEDING, CLASS 2 (SPECIAL) = 0.1 ACRES
- COMMITMENTS:  
 1) ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH NATIONWIDE PERMIT NO. 14 INCLUDED IN SPECIAL PROVISIONS.
- ALL WASTE MATERIAL FROM EXCAVATIONS SHALL BE DISPOSED OF BY THE CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

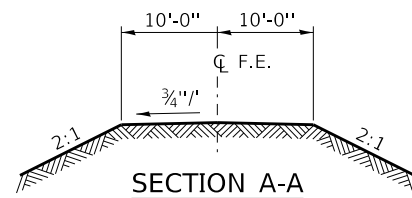
**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION	INCIDENTAL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	20200100 CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 173							
STA 3+20 to 3+30	3		25.00%	100.00%	2	1	1
STA 3+30 to 4+00	157		25.00%	100.00%	118	2	116
STA 4+00 to 4+90	451		25.00%	100.00%	338	303	35
STA 4+90 to STA 5+17	158		25.00%	100.00%	119	371	-252
STA 5+17 to STA 6+70	855		25.00%	100.00%	641	339	302
TOTAL	1624	0			1218	1016	202
USE	1624						202

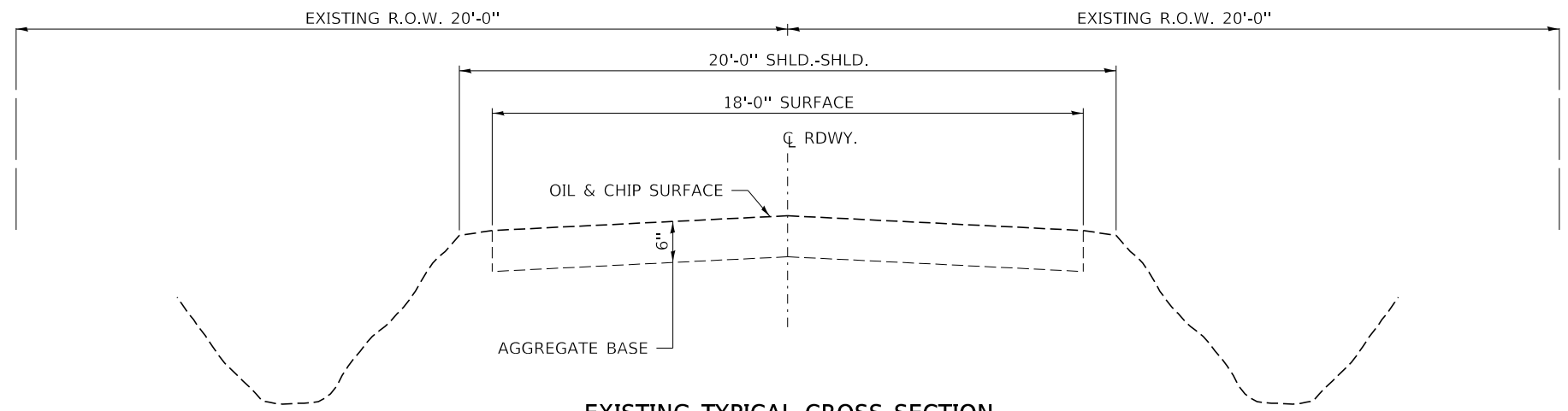
WASTE EXCAVATION 202 CU YDS



**FIELD ENTRANCE DETAIL**

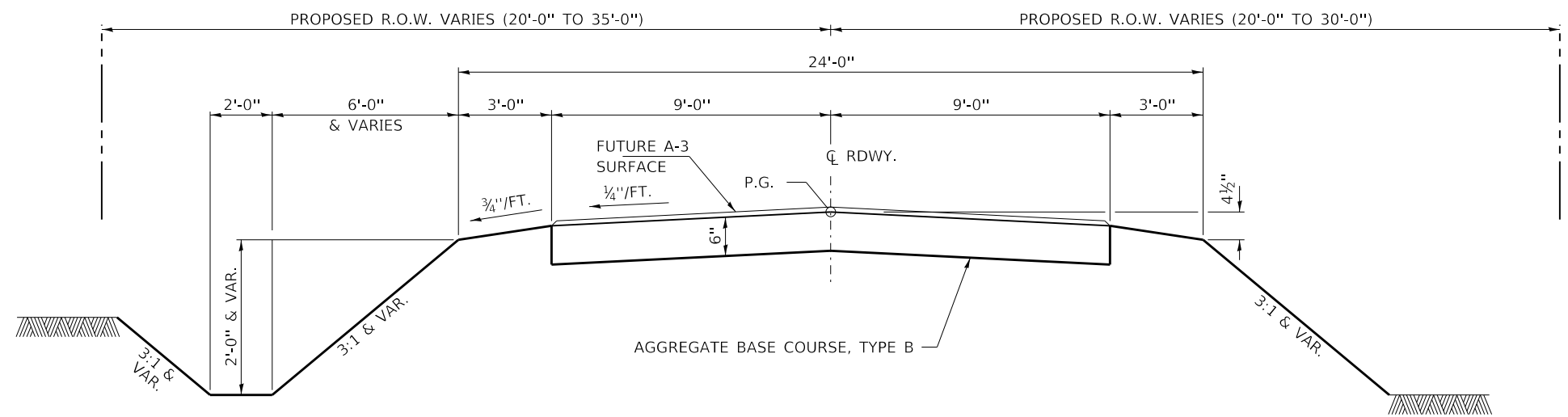


**SECTION A-A**



**EXISTING TYPICAL CROSS SECTION**

STA. 3+20 TO 6+70



**PROPOSED TYPICAL CROSS SECTION**

STA. 3+20 TO 3+30 &  
STA. 4+00 TO 6+00

SUGGESTED CUT SECTION  
CONSTRUCT AS SHOWN IN  
STATION CROSS SECTIONS

SUGGESTED FILL SECTION  
CONSTRUCT AS SHOWN IN  
STATION CROSS SECTIONS

TRANSITION FROM THE PROPOSED SHOULDER TO THE EXISTING SHOULDER FROM STA. 4+00 TO 4+25. NO TRANSITION NEEDED AT NORTH APPROACH.

FILE NAME = 151126-shit-typsections.dgn	USER NAME = rhosick	DESIGNED - S.W.M.	REVISED -	<b>STATE OF ILLINOIS WABASH COUNTY HIGHWAY DEPARTMENT</b>	<b>TYPICAL CROSS SECTIONS</b>			T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000959	DRAWN - R.D.H.	REVISED -	173					13-05123-01-BR	WABASH	25	3	
PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -	ROAD DISTRICT NO. 5				CONTRACT NO. 95869					
PLOT DATE = 12/31/2019	DATE - 12/30/19	REVISED -	SCALE:		SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT R1YG(351)					



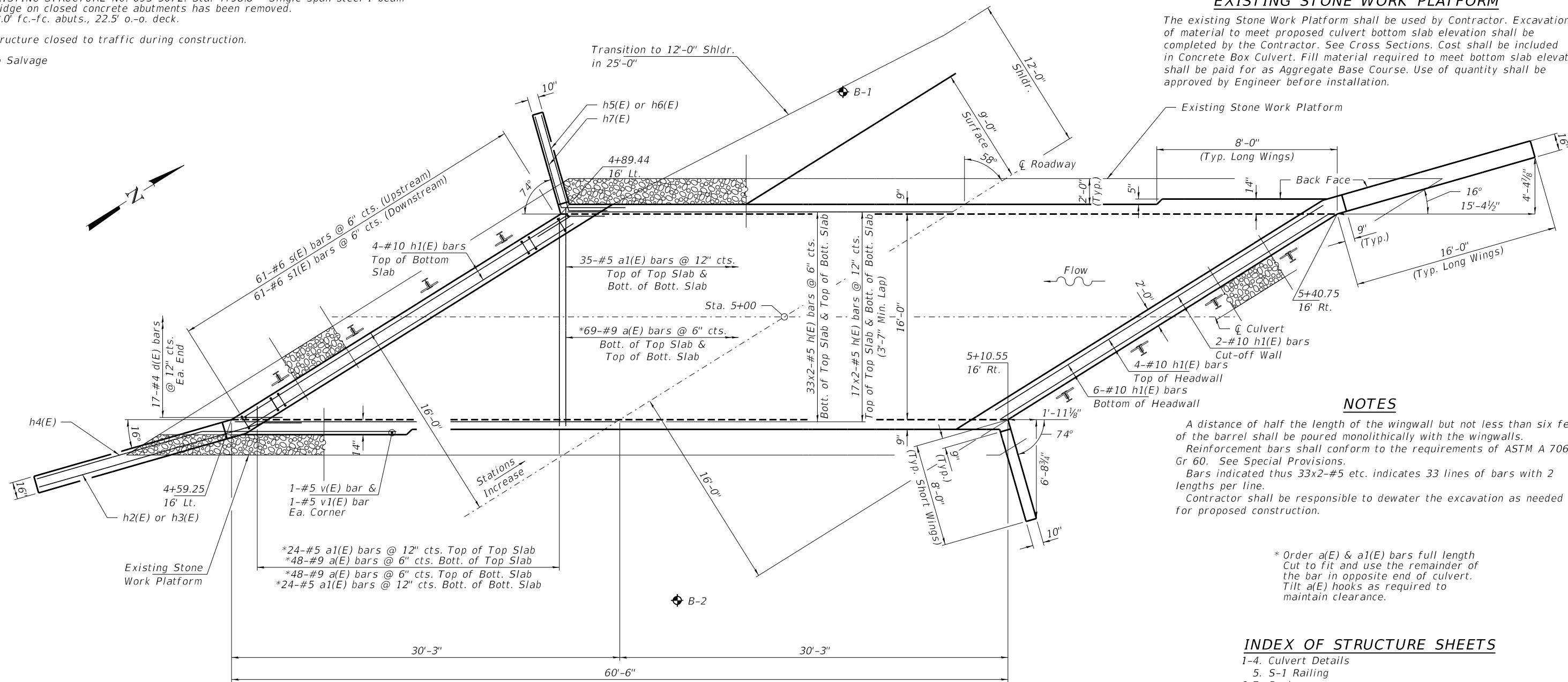
EXISTING STRUCTURE NO. 093-3072: Sta. 4+98.8 - Single span steel I-beam bridge on closed concrete abutments has been removed.  
28.0' fc.-fc. abuts., 22.5' o.-o. deck.

Structure closed to traffic during construction.

No Salvage

**EXISTING STONE WORK PLATFORM**

The existing Stone Work Platform shall be used by Contractor. Excavation of material to meet proposed culvert bottom slab elevation shall be completed by the Contractor. See Cross Sections. Cost shall be included in Concrete Box Culvert. Fill material required to meet bottom slab elevation shall be paid for as Aggregate Base Course. Use of quantity shall be approved by Engineer before installation.



**NOTES**

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.  
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.  
Bars indicated thus 33x2-#5 etc. indicates 33 lines of bars with 2 lengths per line.  
Contractor shall be responsible to dewater the excavation as needed for proposed construction.

\* Order a(E) & a1(E) bars full length. Cut to fit and use the remainder of the bar in opposite end of culvert. Tilt a(E) hooks as required to maintain clearance.

**INDEX OF STRUCTURE SHEETS**

- 1-4. Culvert Details
- 5. S-1 Railing
- 6-7. Borings

SHOWING REINFORCEMENT

SHOWING OUTLINES

**PLAN**

**SEISMIC DATA**

Seismic Performance Zone (SPZ) = 2  
Design Spectral Acceleration at 1.0 sec. ( $S_{D1}$ ) = 0.262g  
Design Spectral Acceleration at 0.2 sec. ( $S_{D5}$ ) = 0.623g  
Soil Site Class = D

**DESIGN SPECIFICATIONS**

2017 AASHTO LRFD Bridge Design Specifications, 8th Edition with all interims.

**LOADING HL-93**

Allow 50#/sq. ft. for future wearing surface.

**DESIGN STRESSES**

$f_y = 60,000$  psi  
 $f'_c = 3,500$  psi

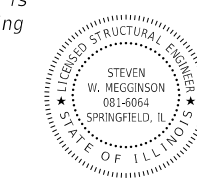
**WATERWAY INFORMATION**

Drainage Area = 5.8 Sq. Mi.		Existing Low Grade Elev. 383.3 @ Sta. 6+50 Proposed Low Grade Elev. 383.3 @ Sta. 6+50								
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater El.	Exist.	Prop.	Exist.	Prop.
Design / Overtop	15	1065	96 128	383.96	0.02 0.02	383.98	383.98	383.98	383.98	383.98
Base	100	1800	96 128	385.25	0.01 0.00	385.26	385.25	385.25	385.25	385.25

\* Low water approach to remain

I certify that to the best of my knowledge, information and belief, this culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO LRFD Specifications."

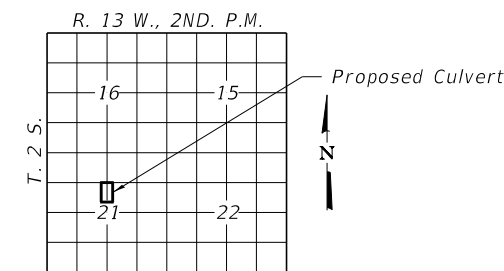
*Steven W. Megginson* 12/30/2019  
ILLINOIS STRUCTURAL ENGINEER NO. 081-6064



Expires 11-30-2020

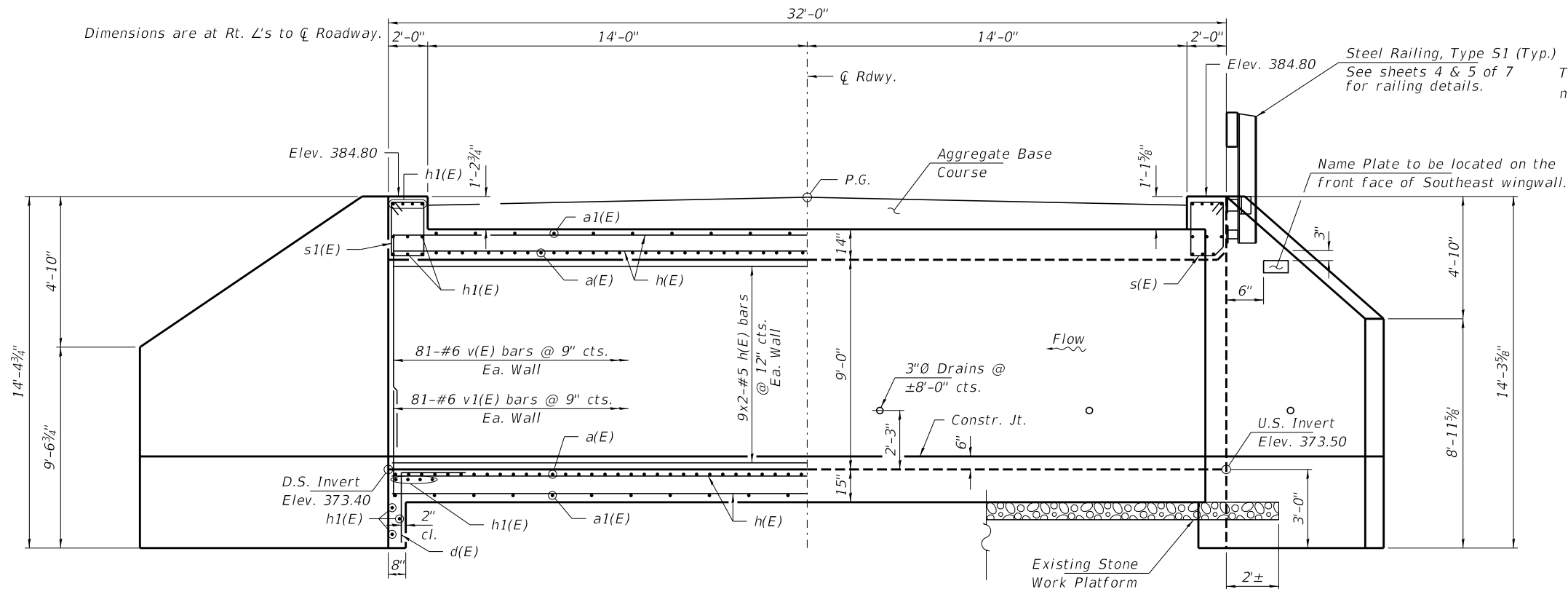
**MIN. BAR LAP**

#5 = 3'-7"  
#7 = 5'-0"



**LOCATION SKETCH**

FILE NAME = 151126-shi-culvert.dgn	USER NAME = rthosck	DESIGNED - D.W.T.	REVISED -	<b>STATE OF ILLINOIS WABASH COUNTY HIGHWAY DEPARTMENT</b>	<b>CULVERT DETAILS STRUCTURE NO. 093-5006</b>	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -			173	13-05123-01-BR	WABASH	25	5
PLOT DATE = 12/31/2019		DRAWN - D.A.B.	REVISED -			ROAD DISTRICT NO. 5		CONTRACT NO. 95869		
		CHECKED - S.W.M.	REVISED -			SHEET NO. 1 OF 7 SHEETS		ILLINOIS FED. AID PROJECT R1YG(351)		

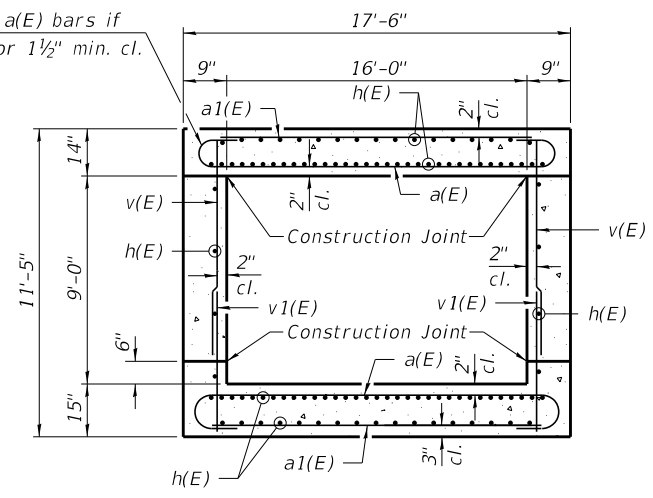


**HALF LONG SECTION**  
Showing Reinforcement

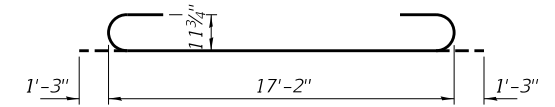
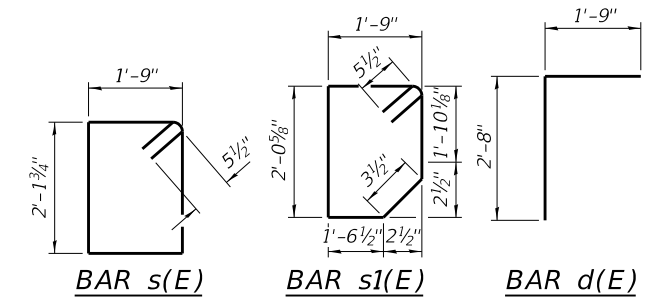
**HALF ELEVATION**  
Showing Outlines

Dimensions are at Rt. L's to C Roadway.

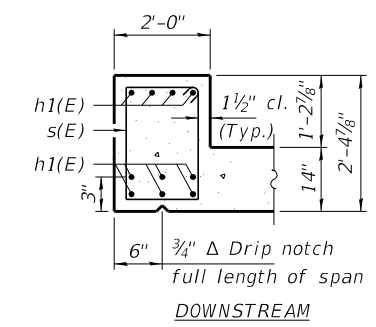
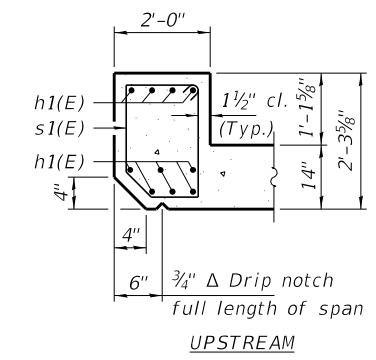
Steel Railing, Type S1 (Typ.)  
See sheets 4 & 5 of 7  
for railing details.  
Tilt hook of a(E) bars if  
necessary for 1 1/2" min. cl.



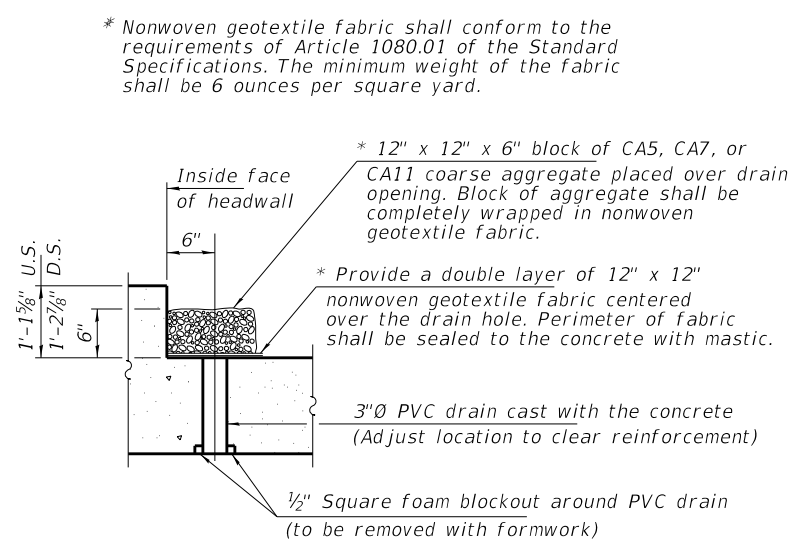
**SECTION THRU BARREL**



**BAR a(E)**

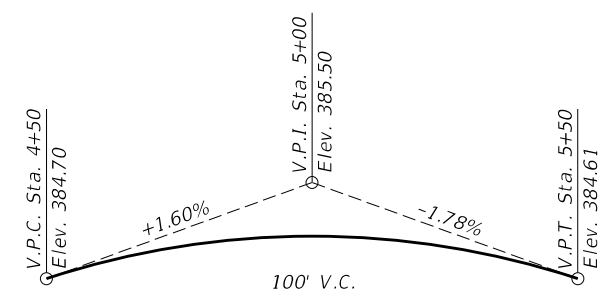


**SECTION THRU HEADWALL**



**DRAIN DETAIL**

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



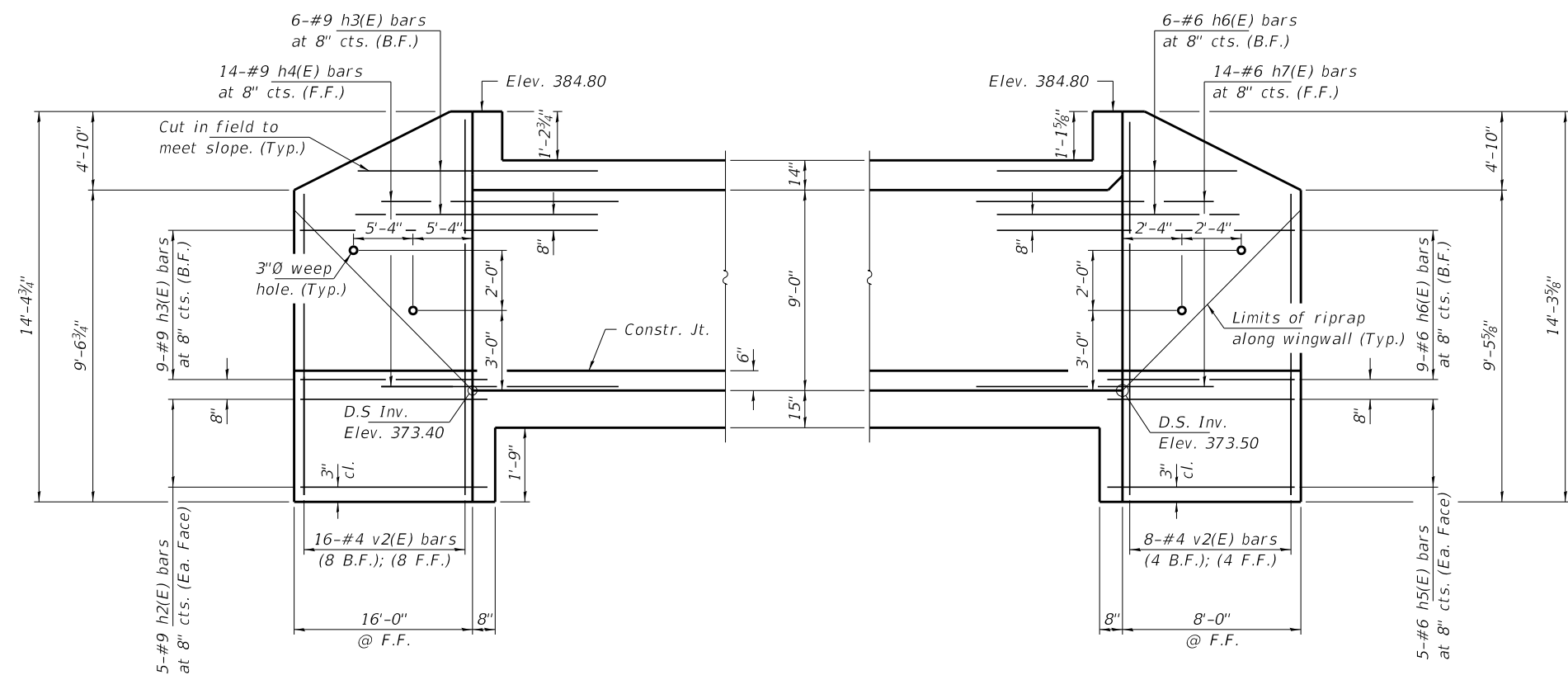
**PROFILE GRADE**  
T.R. 173

BUILT 202\_ BY  
WABASH COUNTY  
SEC. 13-05123-01-BR  
ROAD DISTRICT NO. 5  
STR. NO. 093-5006  
LOADING HL-93

**NAME PLATE**  
See Std. 515001

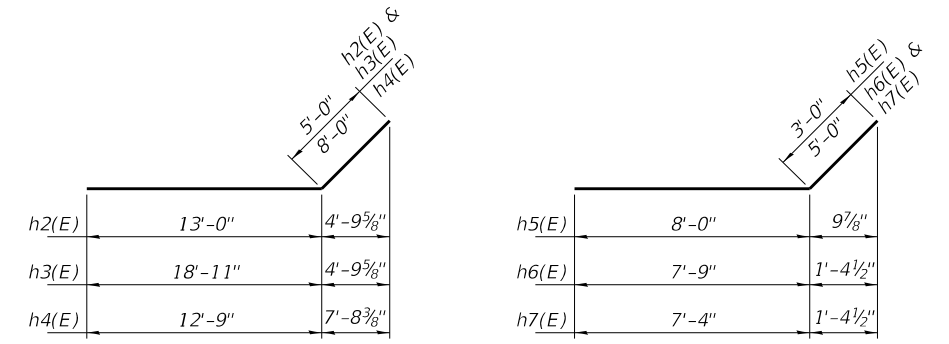
**BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE	
a(E)	234	#9	19'-8"	U	
a1(E)	118	#5	17'-2"	—	
d(E)	34	#4	4'-5"	L	
h(E)	236	#5	32'-0"	—	
h1(E)	32	#10	32'-0"	—	
h2(E)	20	#9	18'-0"	—	
h3(E)	30	#9	23'-11"	—	
h4(E)	28	#9	20'-9"	—	
h5(E)	20	#6	11'-0"	—	
h6(E)	30	#6	12'-9"	—	
h7(E)	28	#6	12'-4"	—	
s(E)	61	#6	8'-3"	□	
s1(E)	61	#6	8'-9"	□	
v(E)	166	#6	9'-6"	—	
v1(E)	166	#6	5'-7"	—	
v2(E)	48	#4	14'-0"	—	
Concrete Box Culverts				Cu. Yd.	160.9
Reinforcement Bars, Special				Pound	43,030
Membrane Waterproofing System for Buried Structures				Sq. Yd.	122
Aggregate Base Course, Type A				Ton	35
Porous Granular Embankment				Ton	80
Stone Dumped Riprap, Class A4				Ton	110



**NORTHEAST AND SOUTHWEST WINGWALL ELEVATION - (LONG WING)**

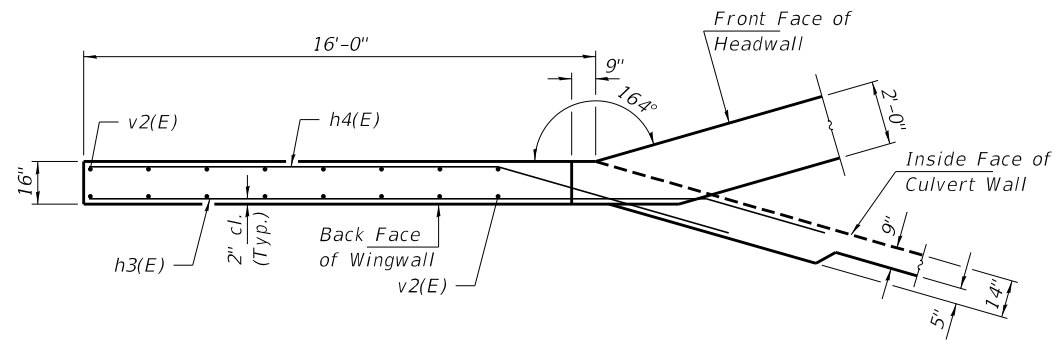
**NORTHWEST AND SOUTHEAST WINGWALL ELEVATION - (SHORT WING)**



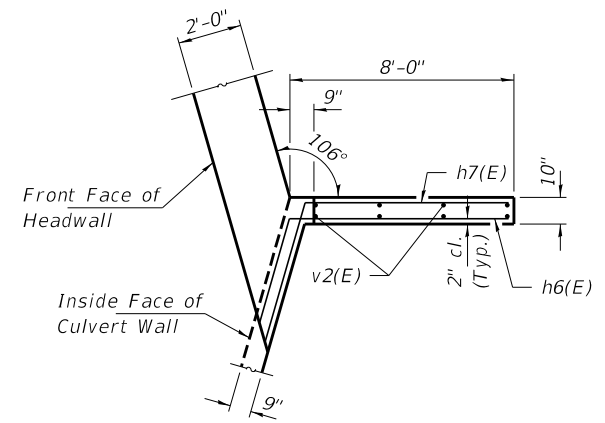
**BARS h2(E), h3(E) & h4(E)**

**BARS h5(E), h6(E) & h7(E)**

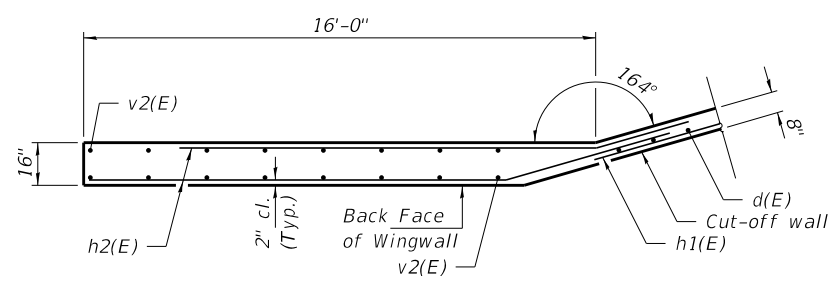
Notes:  
 For Bill of Material and reinforcement bars summary see sheet 2 of 7.  
 B.F. denotes Back Face and F.F. denotes Front Face.



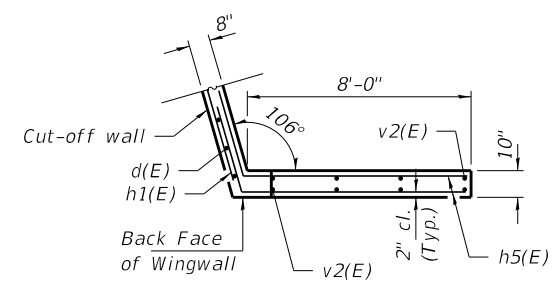
**NORTHEAST AND SOUTHWEST WINGWALL UPPER PLAN - (LONG WING)**



**NORTHWEST AND SOUTHEAST WINGWALL UPPER PLAN - (SHORT WING)**



**NORTHEAST AND SOUTHWEST WINGWALL LOWER PLAN - (LONG WING)**



**NORTHWEST AND SOUTHEAST WINGWALL LOWER PLAN - (SHORT WING)**

FILE NAME = 151126-shi-culvert.dgn	USER NAME = rtholck	DESIGNED - D.W.T.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959		CHECKED - S.W.M.	REVISED -
	PLOT SCALE = \$SCALE\$	DRAWN - D.A.B.	REVISED -
	PLOT DATE = 12/31/2019	CHECKED - S.W.M.	REVISED -

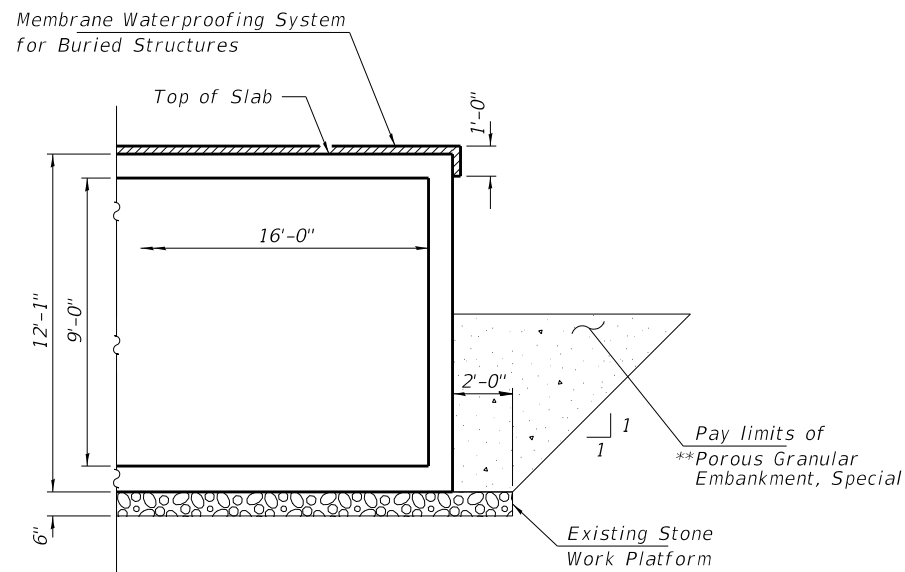
**STATE OF ILLINOIS  
 WABASH COUNTY HIGHWAY DEPARTMENT**

**CULVERT DETAILS  
 STRUCTURE NO. 093-5006**

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
173	13-05123-01-BR	WABASH	25	7
ROAD DISTRICT NO. 5		CONTRACT NO. 95869		

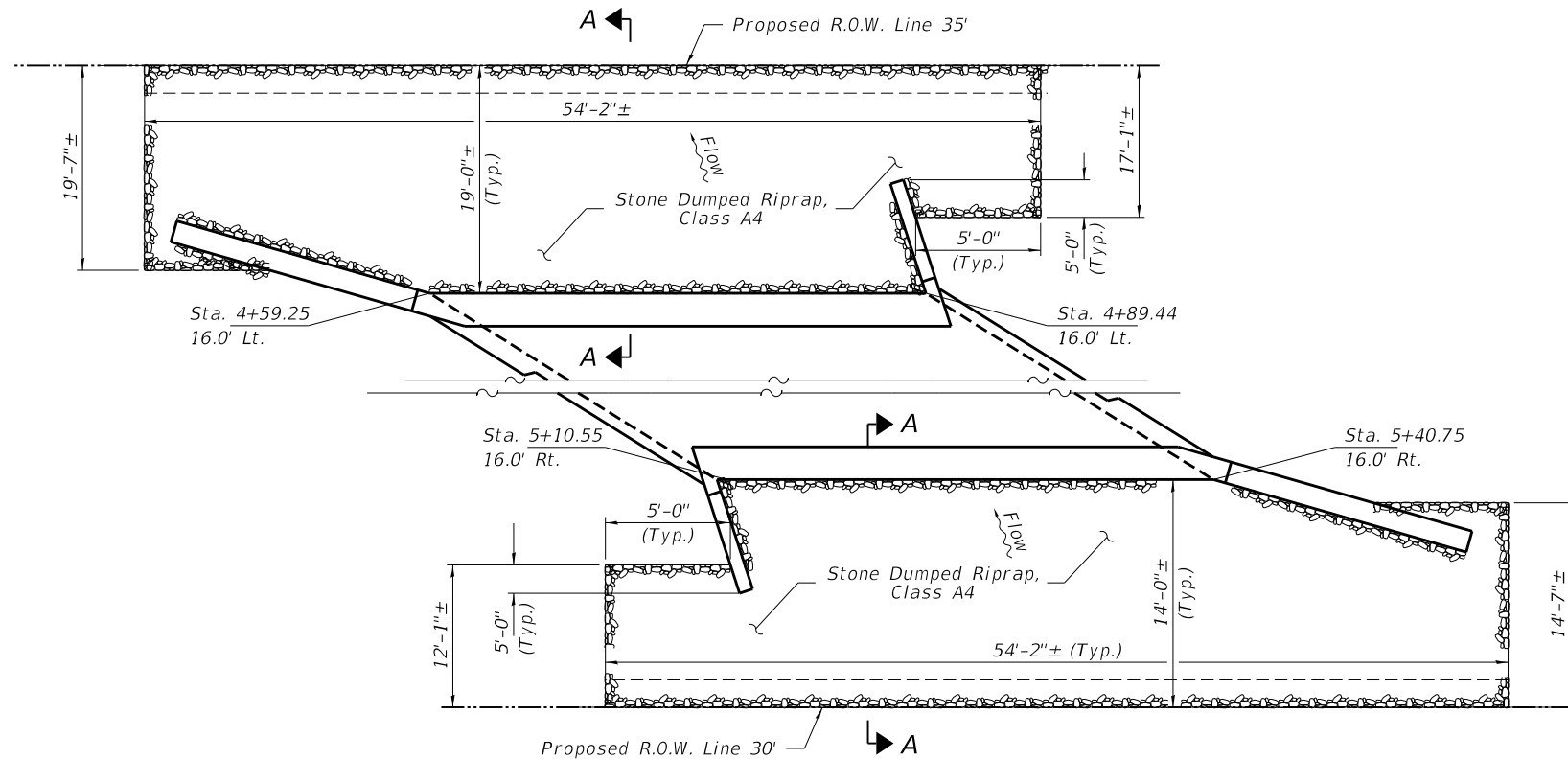
SHEET NO. 3 OF 7 SHEETS

ILLINOIS FED. AID PROJECT R1YG(351)

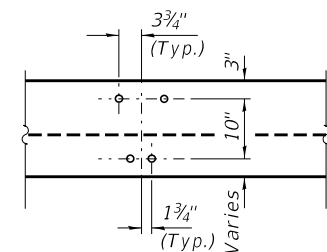


**BACKFILL DETAIL**

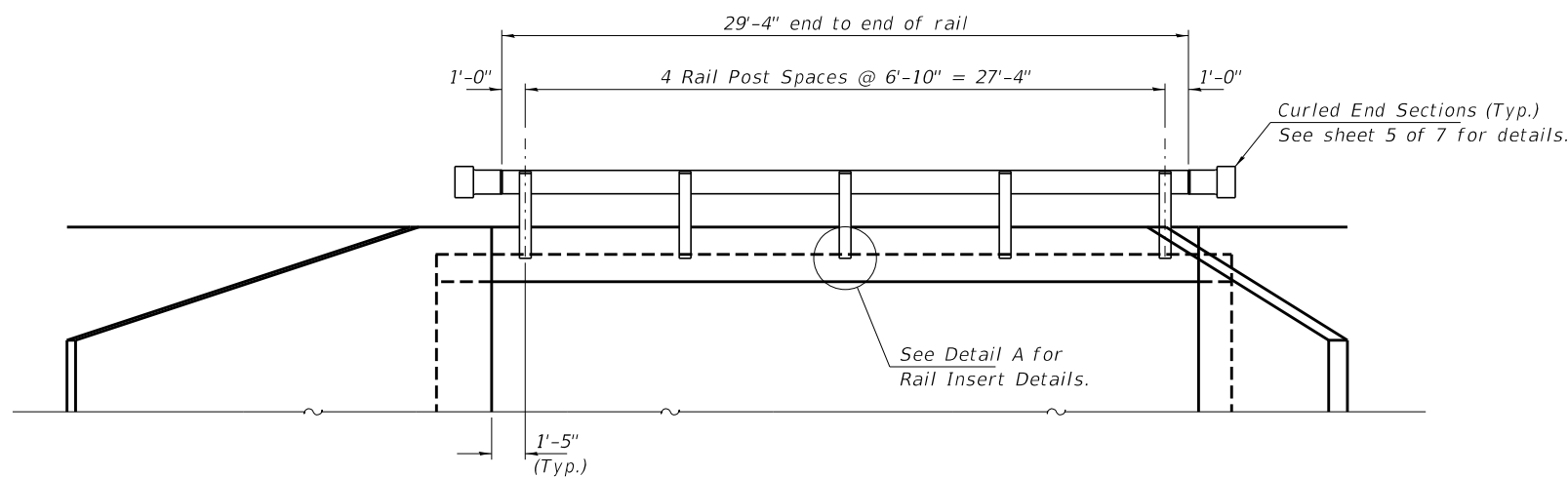
\*\* P.G.E to be installed as required at the direction of the Engineer.



**RIPRAP LAYOUT**



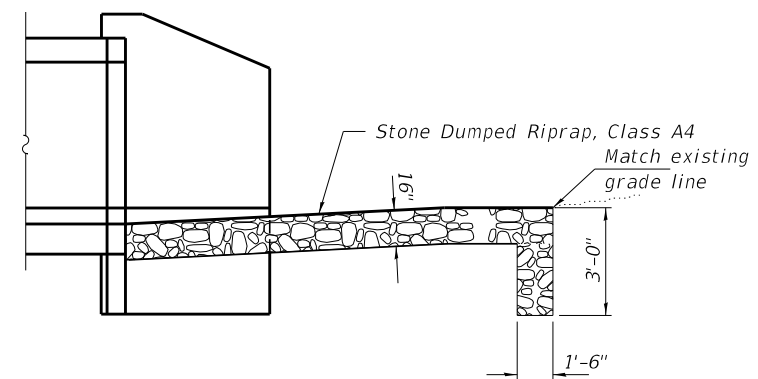
**DETAIL A**



**ELEVATION**

Showing Rail Post Spaces

See sheet 5 of 7 for Railing Details.



**SECTION A-A**

FILE NAME = 151126-shi-culvert.dgn	USER NAME = rthosick	DESIGNED - D.W.T.	REVISED -	<b>STATE OF ILLINOIS WABASH COUNTY HIGHWAY DEPARTMENT</b>	<b>CULVERT DETAILS STRUCTURE NO. 093-5006</b>	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>HAMPTON, LENZINI AND RENWICK, INC.</b> 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959		CHECKED - S.W.M.	REVISED -			173	13-05123-01-BR	WABASH	25	8
	PLOT SCALE = \$SCALE\$	DRAWN - D.A.B.	REVISED -			ROAD DISTRICT NO. 5		CONTRACT NO. 95869		
	PLOT DATE = 12/31/2019	CHECKED - S.W.M.	REVISED -			ILLINOIS		FED. AID PROJECT R1YG(351)		



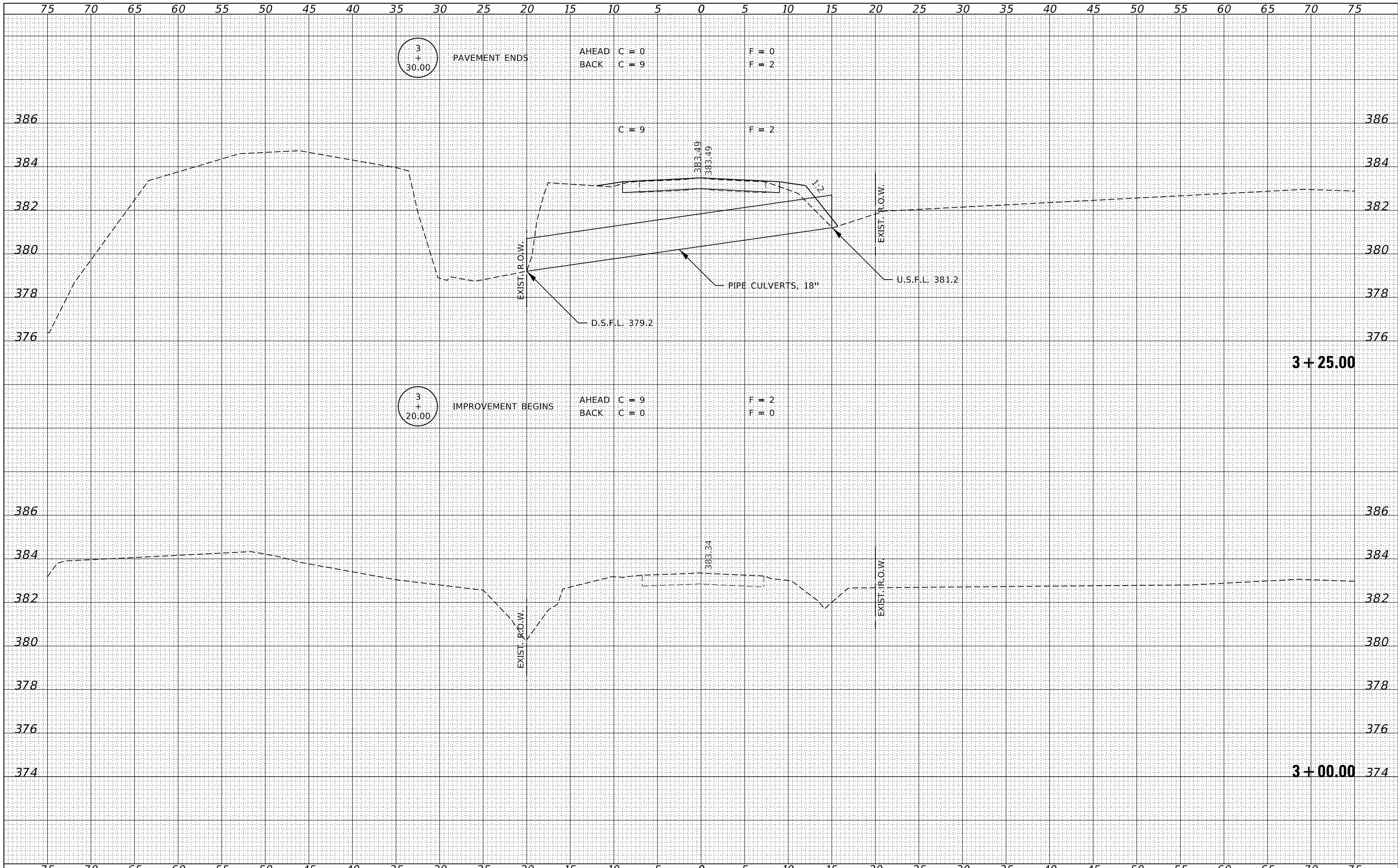






DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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



FILE NAME = 151126-shl-xxsh.dgn  
 USER NAME = rmosck  
 DESIGNED - J.W.F.  
 DRAWN - R.D.H.  
 CHECKED - S.W.M.  
 DATE - 12/30/19  
 PLOT SCALE = \$SCALES  
 PLOT DATE = 12/31/2019

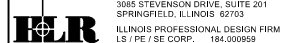
REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

STATE OF ILLINOIS  
 WABASH COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS

SCALE: 5H:2V  
 SHEET NO. 1 OF 14 SHEETS  
 STA. 3+00.00 TO STA. 3+25.00

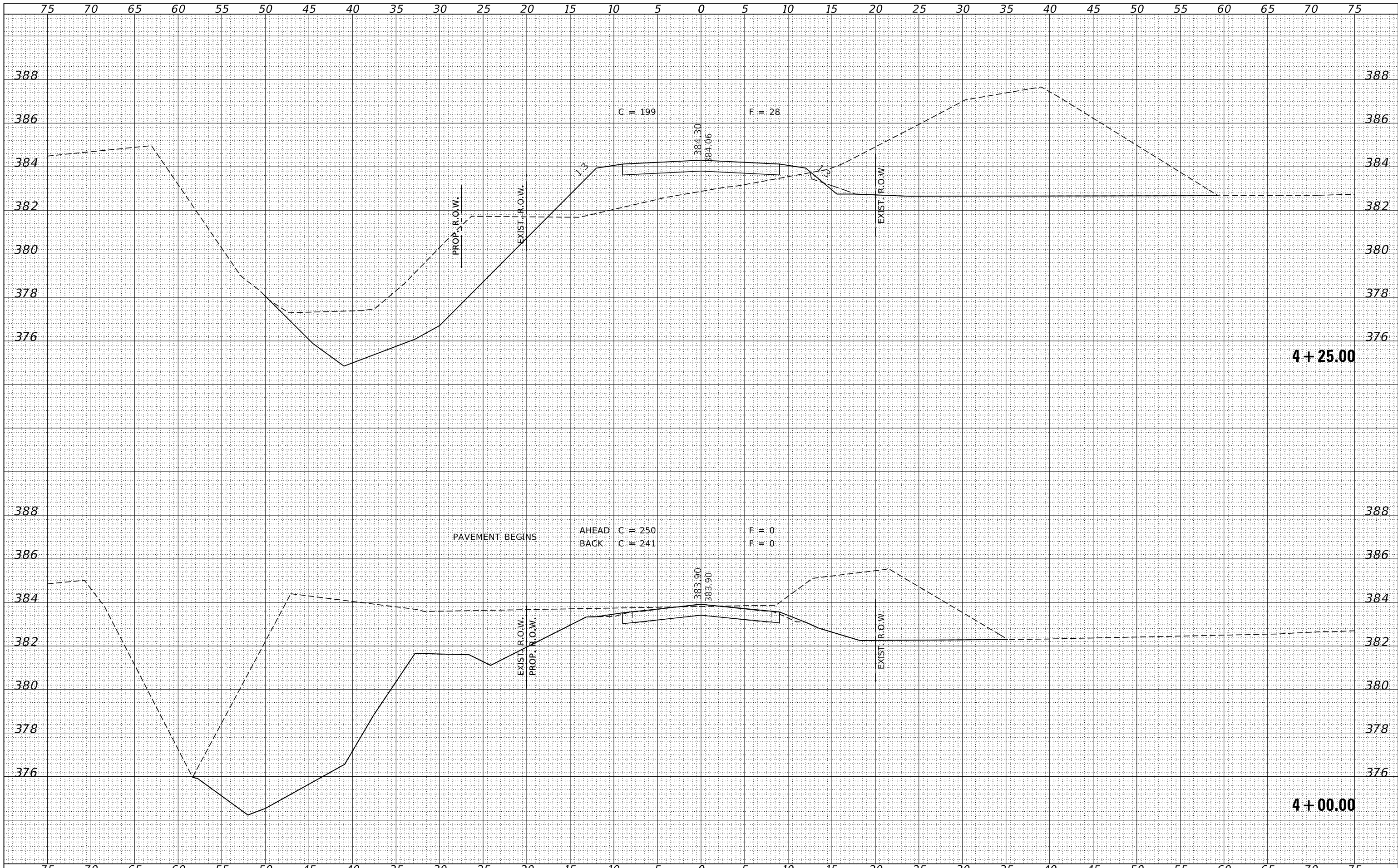
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
173	13-05123-01-BR	WABASH	25	12
ROAD DISTRICT NO. 5			CONTRACT NO. 95869	





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 = 151126-shl-xxsh.dgn  
 DESIGNED - J.W.F.  
 DRAWN - R.D.H.  
 CHECKED - S.W.M.  
 DATE - 12/30/19  
 PLOT SCALE = \$SCALES  
 PLOT DATE = 12/31/2019

USER NAME = rmosck  
 DESIGNED - J.W.F.  
 DRAWN - R.D.H.  
 CHECKED - S.W.M.  
 DATE - 12/30/19

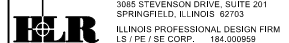
REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

STATE OF ILLINOIS  
 WABASH COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS

SCALE: 5H:2V SHEET NO. 3 OF 14 SHEETS STA. 4+00.00 TO STA. 4+25.00

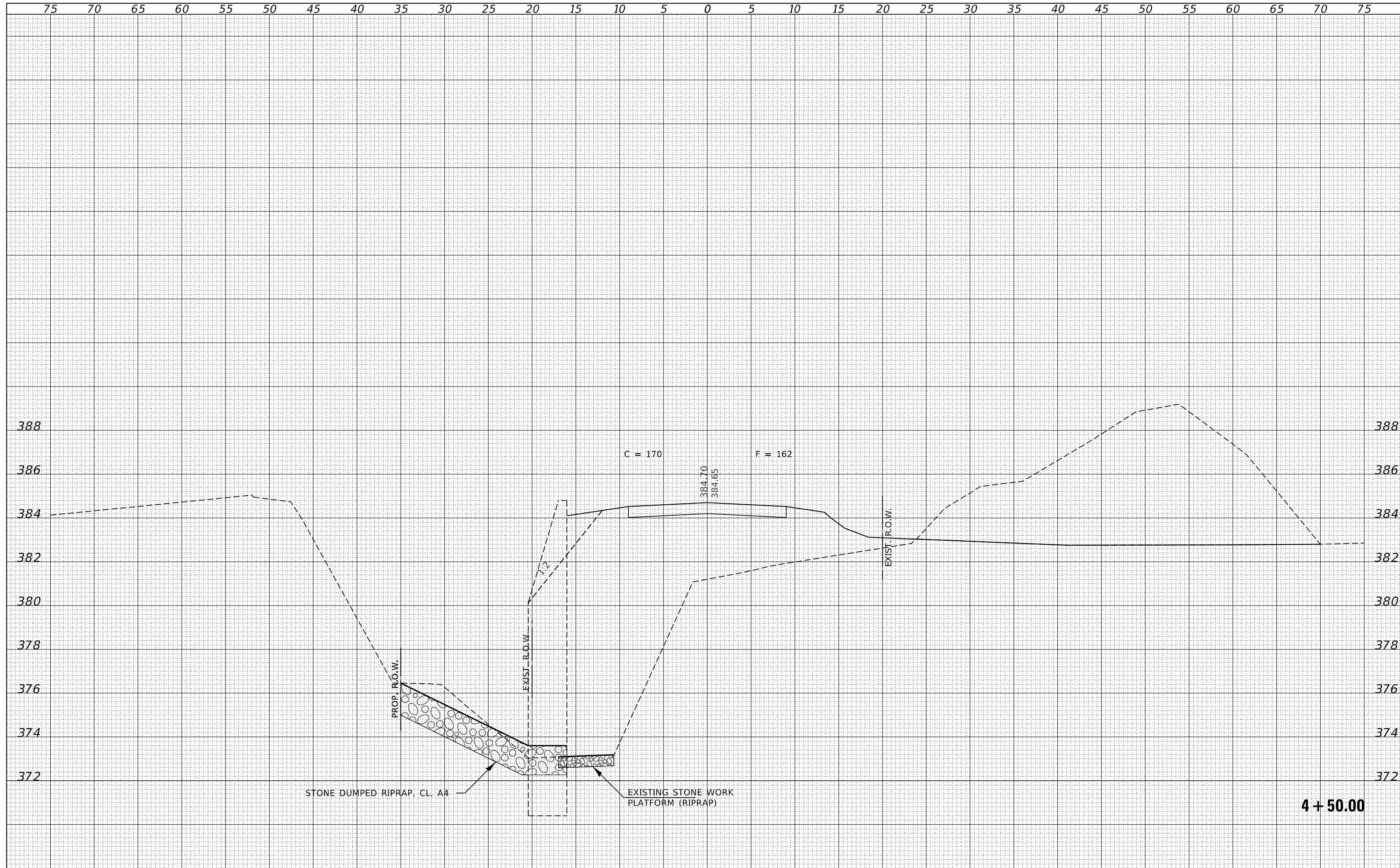
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
173	13-05123-01-BR	WABASH	25	14
ROAD DISTRICT NO. 5			CONTRACT NO. 95869	
ILLINOIS FED. AID PROJECT R1YG(351)				





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

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



FILE NAME = 151126-shl-xxxx.dgn  
 HAMPTON, LENZINI AND RENWICK, INC.  
 3885 STEVENSON DRIVE, SUITE 201  
 SPRINGFIELD, ILLINOIS 62703  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 LS / PE / SE CORP. 184-009958

USER NAME = rmosck  
 PLOT SCALE = \$SCALE\$  
 PLOT DATE = 12/31/2019

DESIGNED - J.W.F.  
 DRAWN - R.D.H.  
 CHECKED - S.W.M.  
 DATE - 12/30/19

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 WABASH COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS  
 SCALE: 5H:2V  
 SHEET NO. 5 OF 14 SHEETS  
 STA. 4+50.00 TO STA. 4+50.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
173	13-05123-01-BR	WABASH	25	16
ROAD DISTRICT NO. 5			CONTRACT NO. 95869	
ILLINOIS FED. AID PROJECT R1YG(351)				

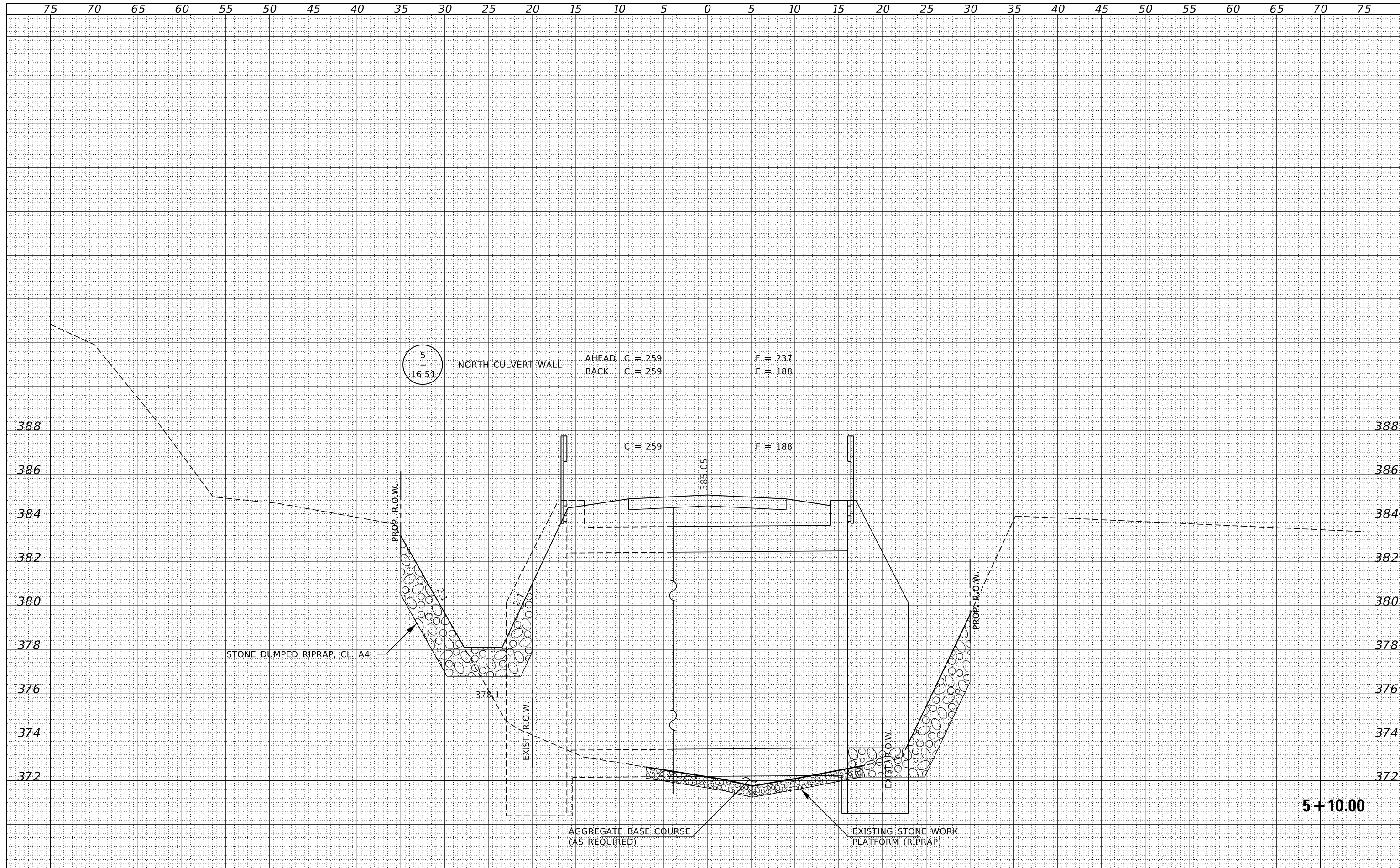






DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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



FILE NAME = 151126-shl-xxxx.dgn  
 USER NAME = rmosck  
 DESIGNED - J.W.F.  
 DRAWN - R.D.H.  
 CHECKED - S.W.M.  
 DATE - 12/30/19  
 PLOT SCALE = \$SCALES  
 PLOT DATE = 12/31/2019

REVISOR -  
 REVISOR -  
 REVISOR -  
 REVISOR -

**STATE OF ILLINOIS  
 WABASH COUNTY HIGHWAY DEPARTMENT**

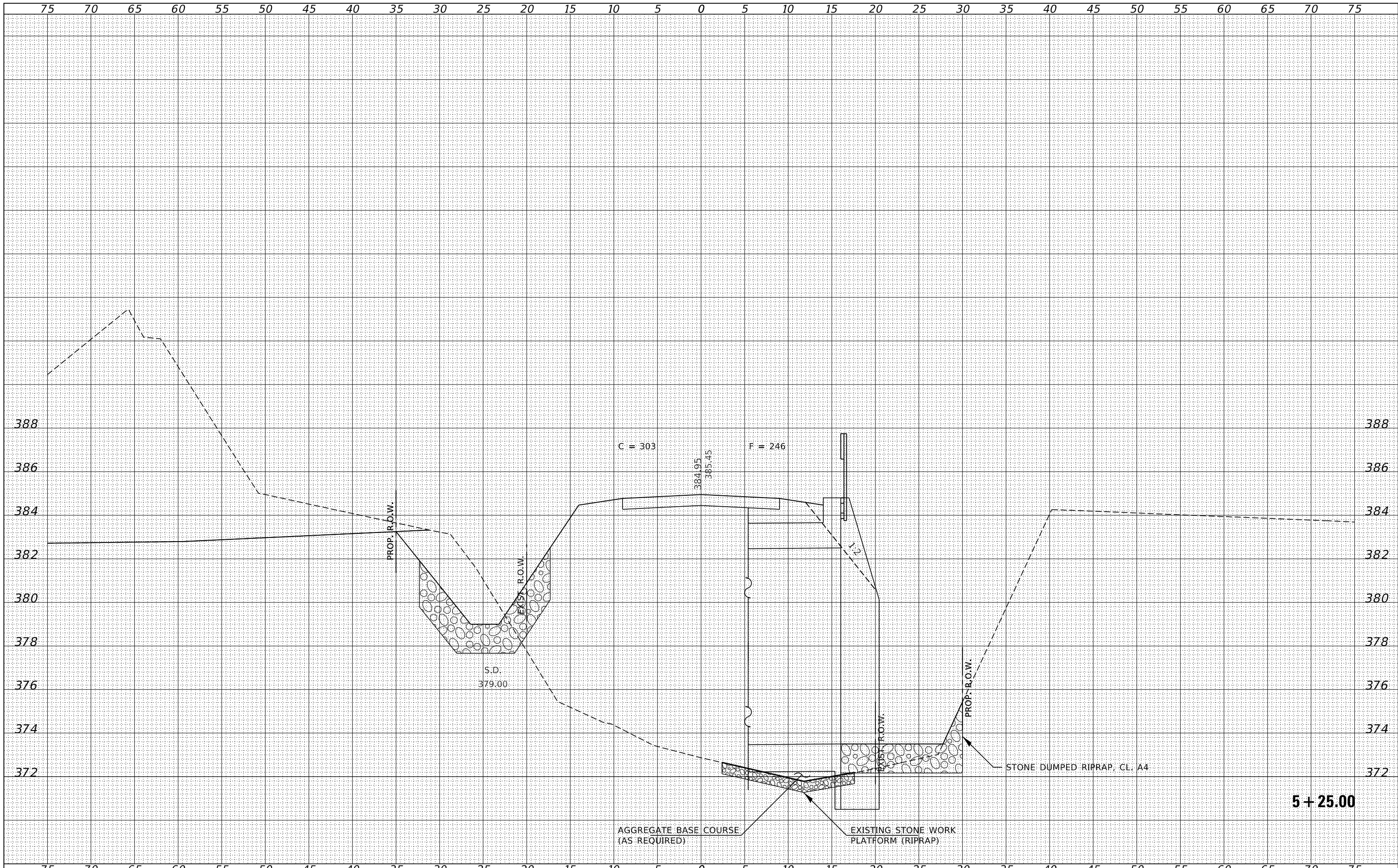
**STATION CROSS SECTIONS**

SCALE: 5H:2V      SHEET NO. 8 OF 14 SHEETS      STA. 5+10.00 TO STA. 5+10.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
173	13-05123-01-BR	WABASH	25	19
ROAD DISTRICT NO. 5		CONTRACT NO. 95869		
ILLINOIS FED. AID PROJECT R1YG(351)				

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

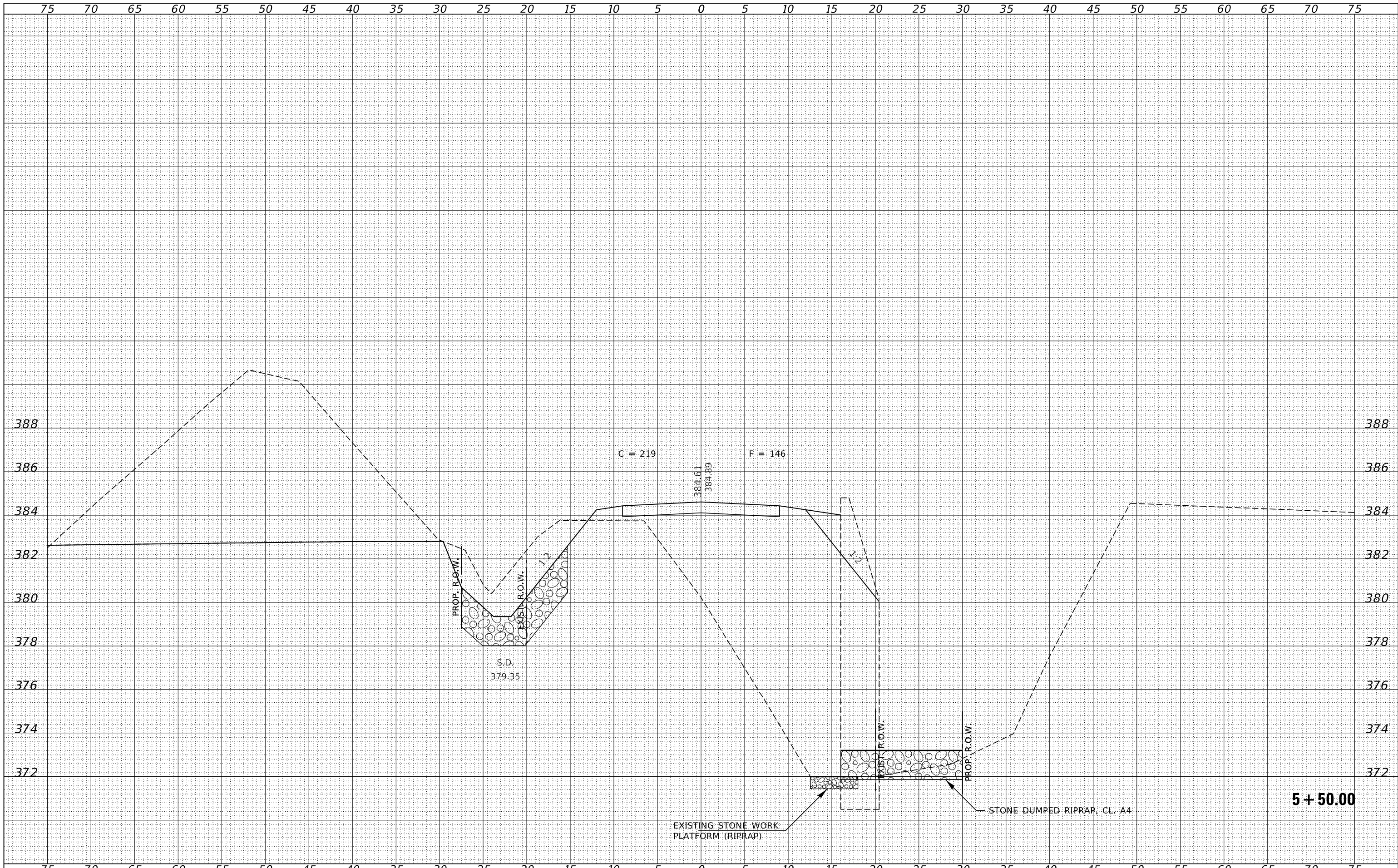
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME = 151126-shl-xxsh.dgn	USER NAME = mosck	DESIGNED - J.W.F.	REVISED -	<b>STATE OF ILLINOIS</b> <b>WABASH COUNTY HIGHWAY DEPARTMENT</b>	<b>STATION CROSS SECTIONS</b>			T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.009958	PLOT SCALE = \$SCALES	DRAWN - R.D.H.	REVISED -					173	13-05123-01-BR	WABASH	25	20
PLOT DATE = 12/31/2019	CHECKED - S.W.M.	REVISIED -	SCALE: 5H:2V		SHEET NO. 9	OF 14 SHEETS	STA. 5+25.00	TO STA. 5+25.00	ILLINOIS FED. AID PROJECT R1YG(351)			
	DATE - 12/30/19	REVISED -										

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 = 151126-shl-xxxx.dgn  
 USER NAME = rmosck  
 DESIGNED - J.V.F.  
 DRAWN - R.D.H.  
 CHECKED - S.W.M.  
 DATE - 12/30/19  
 PLOT SCALE = \$SCALE\$  
 PLOT DATE = 12/31/2019

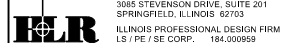
REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

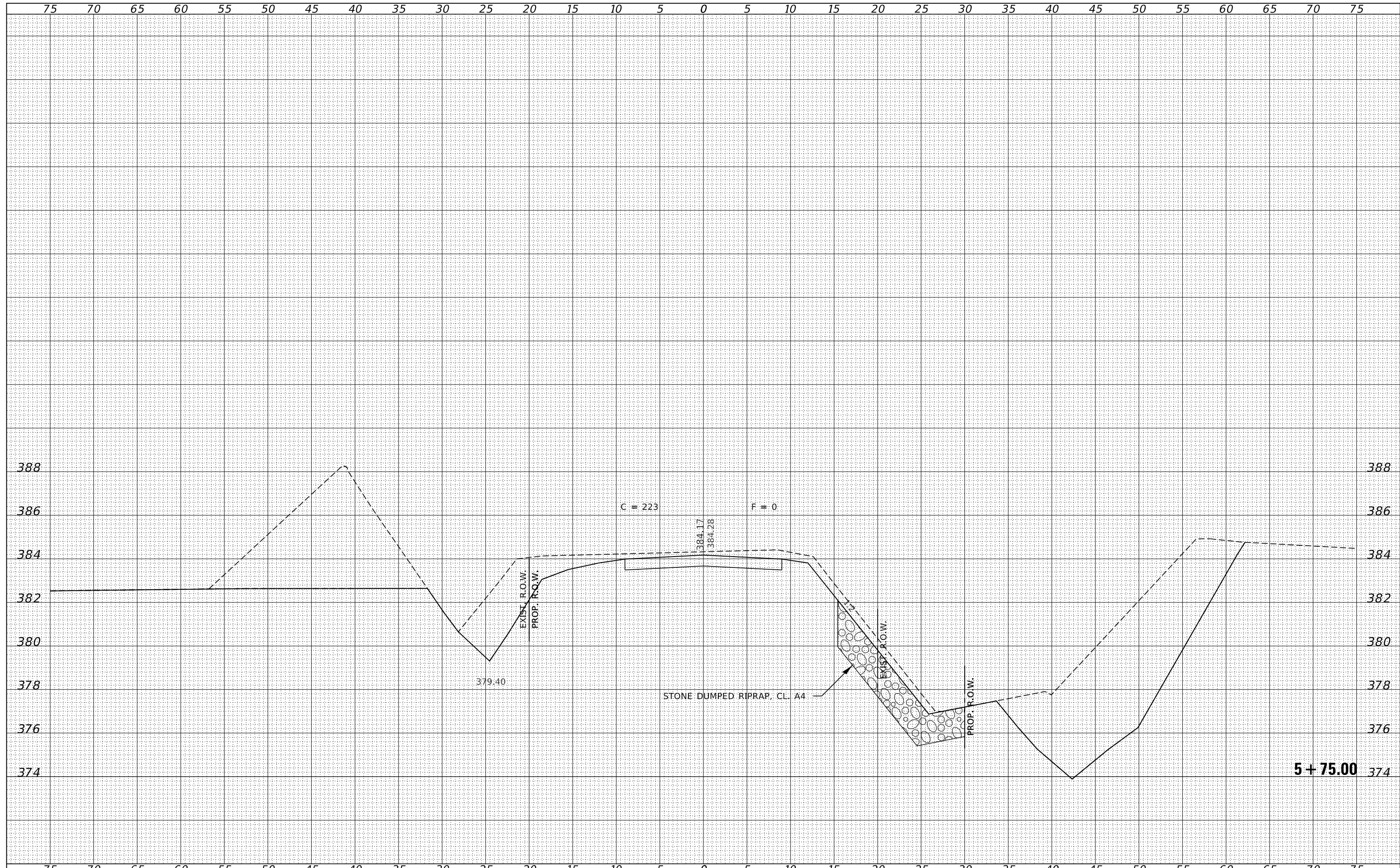
**STATE OF ILLINOIS  
 WABASH COUNTY HIGHWAY DEPARTMENT**

**STATION CROSS SECTIONS**

SCALE: 5H:2V      SHEET NO. 10 OF 14 SHEETS      STA. 5+50.00 TO STA. 5+50.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
173	13-05123-01-BR	WABASH	25	21
ROAD DISTRICT NO. 5			CONTRACT NO. 95869	
ILLINOIS FED. AID PROJECT R1YG(351)				





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 = 151126-shl-xxxx.dgn  
 HAMPTON, LENZINI AND RENWICK, INC.  
 3885 STEVENSON DRIVE, SUITE 201  
 SPRINGFIELD, ILLINOIS 62703  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 L/S / PE / SE CORP. 184-009959

USER NAME = rmosck  
 PLOT SCALE = \$S\$CALES  
 PLOT DATE = 12/31/2019

DESIGNED - J.W.F.  
 DRAWN - R.D.H.  
 CHECKED - S.W.M.  
 DATE - 12/30/19

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

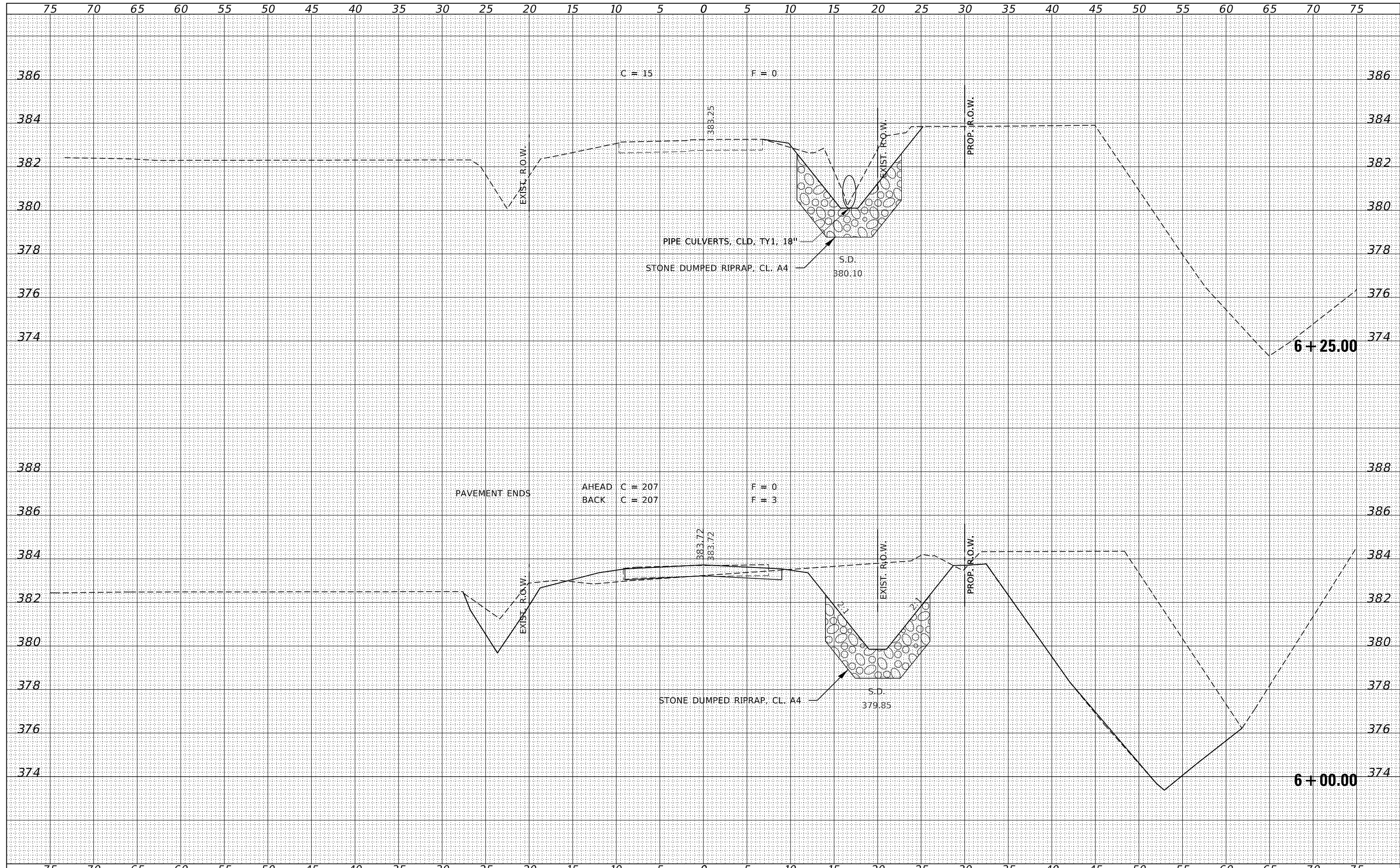
**STATE OF ILLINOIS  
 WABASH COUNTY HIGHWAY DEPARTMENT**

**STATION CROSS SECTIONS**  
 SCALE: 5H:2V  
 SHEET NO. 11 OF 14 SHEETS  
 STA. 5+75.00 TO STA. 5+75.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
173	13-05123-01-BR	WABASH	25	22
ROAD DISTRICT NO. 5			CONTRACT NO. 95869	
ILLINOIS FED. AID PROJECT R1YG(351)				

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

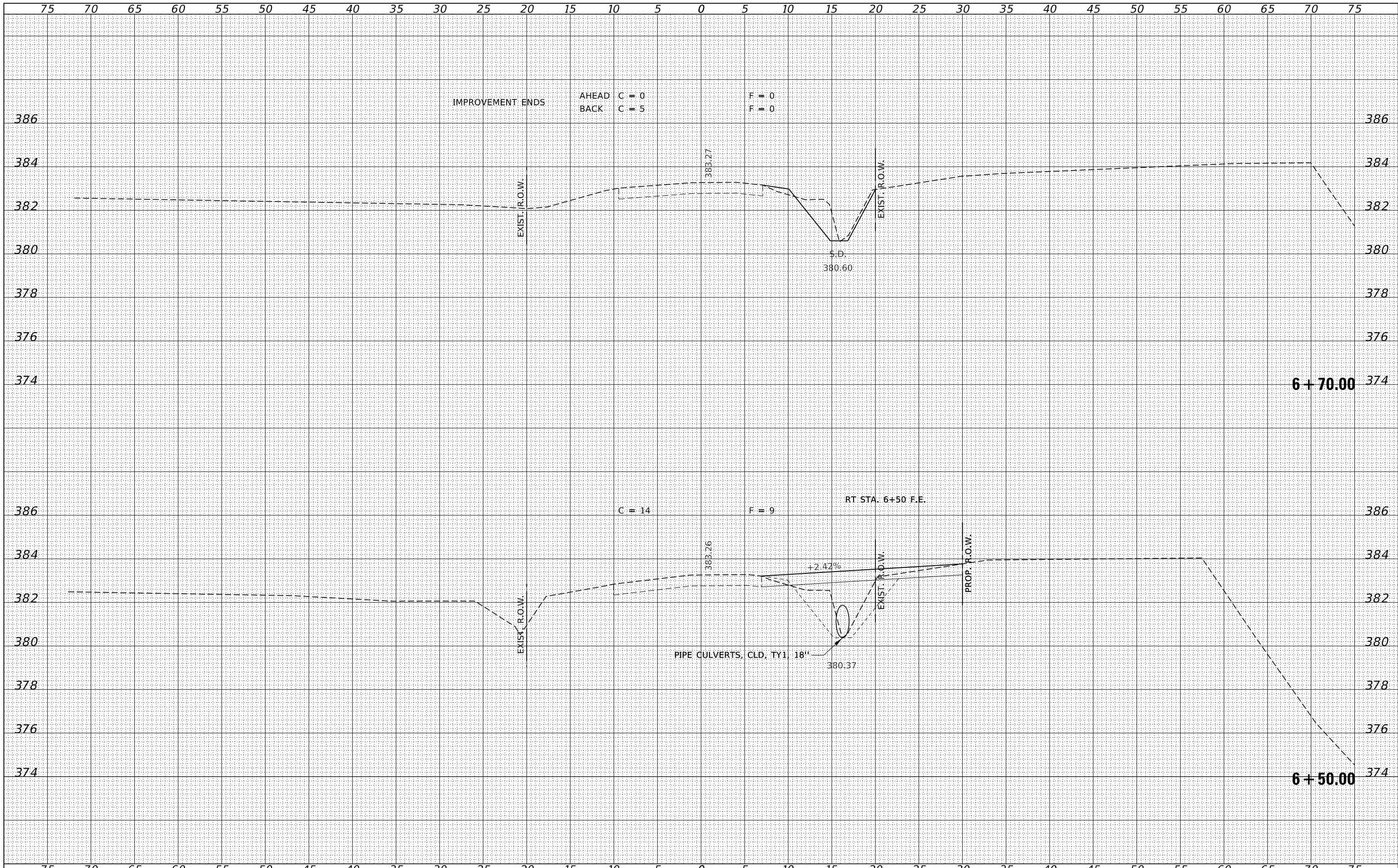
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME = 151126-shl-xxsh.dgn	USER NAME = rmosck	DESIGNED - J.W.F.	REVISD -	<b>STATE OF ILLINOIS</b> <b>WABASH COUNTY HIGHWAY DEPARTMENT</b>	<b>STATION CROSS SECTIONS</b>		T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC.	DRAWN - R.D.H.	REVISD -	173				13-05123-01-BR	WABASH	25	23	
3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184-009958	CHECKED - S.W.M.	REVISD -	ROAD DISTRICT NO. 5		CONTRACT NO. 95869		ILLINOIS FED. AID PROJECT R1YG(351)				
PLOT SCALE = \$SCALES	DATE - 12/30/19	REVISD -	SCALE: 5H:2V		SHEET NO. 12 OF 14 SHEETS	STA. 6+00.00	TO STA. 6+25.00				

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

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

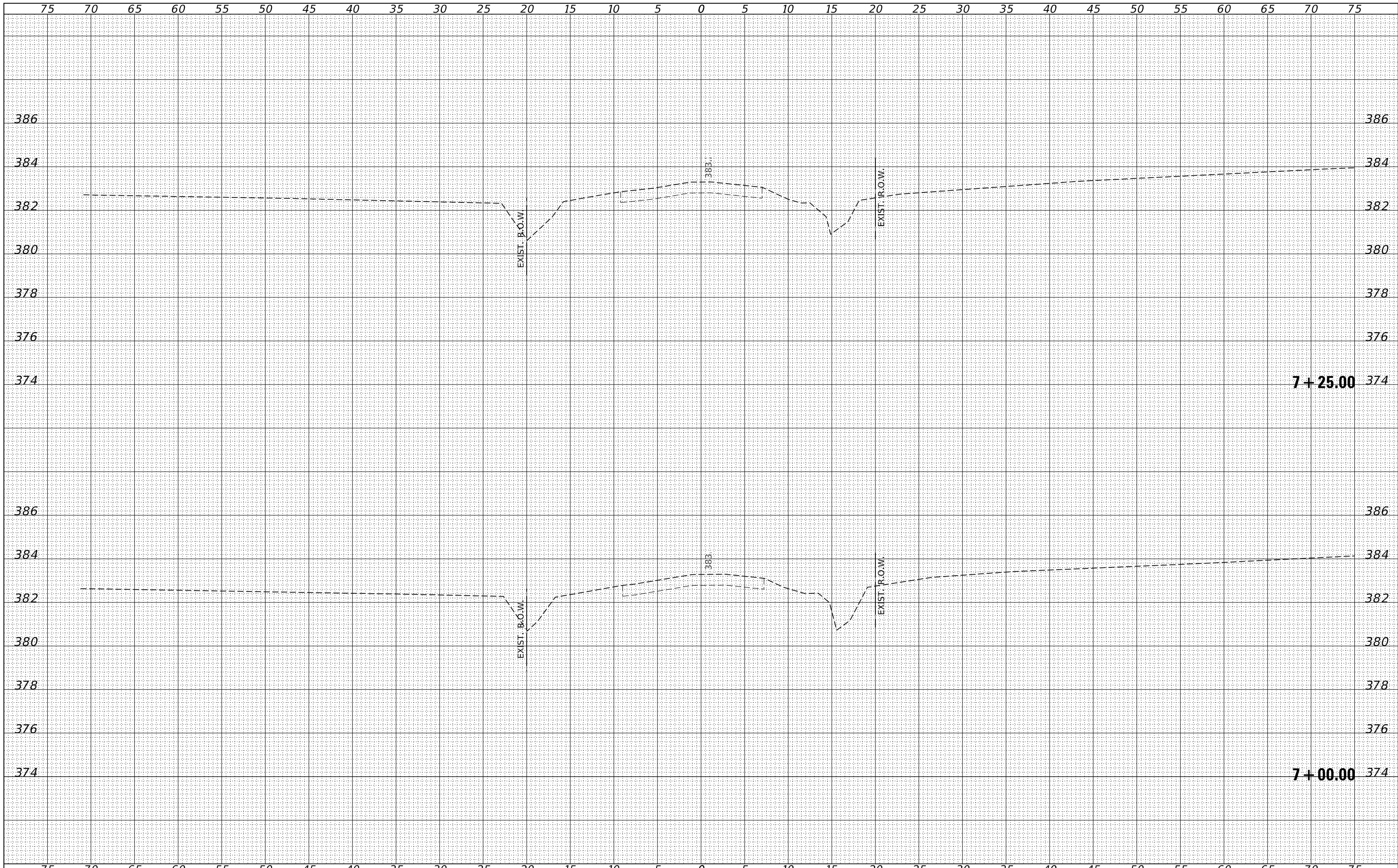


FILE NAME = 151126-shl-xxsh.dgn	USER NAME = rmosck	DESIGNED - J.W.F.	REVISD -	<b>STATE OF ILLINOIS</b> <b>WABASH COUNTY HIGHWAY DEPARTMENT</b>	<b>STATION CROSS SECTIONS</b>			T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC.		DRAWN - R.D.H.	REVISD -		173	13-05123-01-BR	WABASH	25	24			
3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184-009958	PLOT SCALE = \$SCALES	CHECKED - S.W.M.	REVISD -		ROAD DISTRICT NO. 5			CONTRACT NO. 95869				
	PLOT DATE = 12/31/2019	DATE - 12/30/19	REVISD -		SCALE: 5H:2V	SHEET NO. 13 OF 14 SHEETS	STA. 6+50.00 TO STA. 6+75.00	ILLINOIS FED. AID PROJECT R1YG(351)				



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

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



FILE NAME = 151126-shl-xxsh.dgn  
 USER NAME = rmosck  
 DESIGNED - J.W.F.  
 DRAWN - R.D.H.  
 CHECKED - S.W.M.  
 DATE - 12/30/19  
 PLOT SCALE = \$SCALE\$  
 PLOT DATE = 12/31/2019

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

**STATE OF ILLINOIS  
 WABASH COUNTY HIGHWAY DEPARTMENT**

**STATION CROSS SECTIONS**

SCALE: 5H:2V    SHEET NO. 14 OF 14 SHEETS    STA. 7+00.00 TO STA. 7+25.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
173	13-05123-01-BR	WABASH	25	25
ROAD DISTRICT NO. 5		CONTRACT NO. 95869		
ILLINOIS		FED. AID PROJECT R1YG(351)		

