+ 5=94

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	1
	ILLINOIS	CONTRACT NO. 87706		

11-08-2019 LETTING ITEM 088

FOR INDEX OF SHEETS, SEE SHEET NO. 2

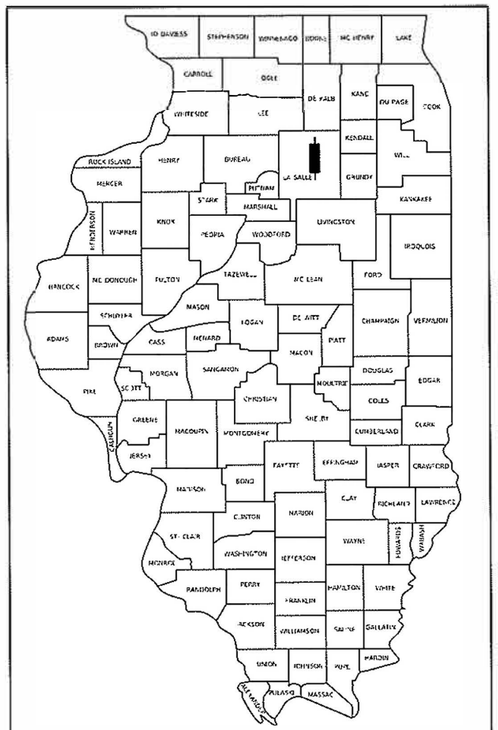
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 68 (IL 23)
SECTION 17–00168–00–BR
CITY OF OTTAWA
PROJECT HXLL(151)
TYPE of IMPROVEMENT–PEDESTRIAN BRIDGE CONSTRUCTION
LASALLE COUNTY

C–93–018–20

P-93-043-17



LOCATION OF SECTION INDICATED THUS: –

PROJECT STARTS
STA 159+75.41.5' RT

PROP. SN 050–7404
NORTH ABUTMENT

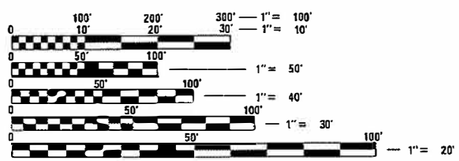
PIER IN CENTER OF
MEDIAN OF I–80

PROP. SN 050–7404
SOUTH ABUTMENT

END PROJECT
STA 181+95.5, 23.3'RT

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-07	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
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
515001-03	NAME PLATE FOR BRIDGES
542001-06	CONRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 84" (2100 mm) DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET, TYPE A
604036-03	GRATE, TYPE 8
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606401-02	PAVED DITCH
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
642001-02	SHOULDER RUMBLE STRIPS, 16 INCH
643001-02	SAND MODULE IMPACT ATTENUATORS
664001-02	CHAIN LINK FENCE
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS



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

7/3/2019
DATE

STATE OF ILLINOIS
PATRICK C. BRABOY
062-065634
LICENSED PROFESSIONAL ENGINEER

PATRICK C. BRABOY
LICENSED PROFESSIONAL ENGINEER
EXPIRES 11/30/2019

IMEG
McClure

GROSS LENGTH = NET LENGTH = 2,220.5 FT. = 0.42 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED July 18 20 19
Daniel E Aussem
CITY OF OTTAWA

PASSED 7/30 20 19
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 7/30 20 19
Jason Ahmad
REGION 2 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 87706

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

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

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION

DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS /CU YD
HMA RESURFACING	112	LBS /SQ YD /IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS /SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS /SQ YD
SUPPLEMENTAL WATERING	3	GAL /SQ YD /APPLICATION
CALCIUM CHLORIDE	2	LB /SQ YD /APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT–OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815–434–8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: NICOR, AMEREN, CITY OF OTTAWA, MEDIACOM, AT&T

NON–MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: STATE OF ILLINOIS

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

Commitments

1. Environmental Coordination
   Tree removal will not be allowed between April 1 to September 30 of any given year.
2. Storm Water Pollution Prevention Plan
3. Traffic Management Plan

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES/INDEX OF SHEETS/COMMITMENTS
3-11	SUMMARY OF QUANTITIES
12	TYPICAL SECTIONS
13-15	SCHEDULES
16-17	ALIGNMENT TIES AND BENCHMARKS
18-22	PLAN AND PROFILE SHEETS
23-28	STAGING SHEETS
29-33	EROSION CONTROL SHEETS
34-38	DRAINAGE SHEETS
39	PLAT SHEETS
40-42	TRAFFIC SIGNAL PLANSAND GENERAL NOTES
42A-42E	TEMPORARY TRAFFIC SIGNALS
43-44	CABLE PLANS
45-56	STRUCTURE SHEETS
57-68	DETAILS
69-89	CROSS SECTION SHEETS

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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 7/20/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS AND INDEX OF SHEETS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	2
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12
	20200100	EARTH EXCAVATION	CU YD	158	158
	20400800	FURNISHED EXCAVATION	CU YD	4881	4881
*	25000210	SEEDING, CLASS 2A	ACRE	0.82	0.82
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	129	129
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	129	129
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	129	129
*	25100115	MULCH, METHOD 2	ACRE	1.75	1.75
*	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	3969	3969
*	25200100	SODDING	SQ YD	4487	4487
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1048	1048
	28000400	PERIMETER EROSION BARRIER	FOOT	2141	2141
	28000500	INLET AND PIPE PROTECTION	EACH	6	6
	28100107	STONE RIPRAP, CLASS A4	SQ YD	181	181

***SPECIALTY ITEMS**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
28200200	FILTER FABRIC	SQ YD	181	181
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	2426	2426
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	2109	2109
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4573	4573
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	228	228
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	700	700
42400800	DETECTABLE WARNINGS	SQ FT	160	160
44000100	PAVEMENT REMOVAL	SQ YD	108	108
44000186	HOT-MIX ASPHALT SURFACE REMOVAL, 9"	SQ YD	2426	2426
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	68	68
48203033	HOT-MIX ASPHALT SHOULDERS, 9"	SQ YD	2426	2426
50105220	PIPE CULVERT REMOVAL	FOOT	20	20
50200100	STRUCTURE EXCAVATION	CU YD	183.5	183.5
50300225	CONCRETE STRUCTURES	CU YD	87.8	87.8

***SPECIALTY ITEMS**

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Default	PLOT DATE = 7/18/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	4
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
	50300300	PROTECTIVE COAT	SQ YD	48.4	48.4
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	12.2	12.2
	50800105	REINFORCEMENT BARS	POUND	158	158
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	18810	18810
*	50901735	BRIDGE FENCE RAILING (SIDEWALK)	FOOT	57	57
	51100100	SLOPE WALL 4 INCH	SQ YD	432.4	432.4
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	476	476
	51202305	DRIVING PILES	FOOT	476	476
	51203400	TEST PILE STEEL HP10X42	EACH	1	1
	51204650	PILE SHOES	EACH	18	18
	51500100	NAME PLATES	EACH	1	1
	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	75	75
	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	15	15
	542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	78	78

***SPECIALTY ITEMS**

FILE NAME = G:\2018\18001578\...\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-summary.dgn	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -			68	17-00168-00-BR	LASALLE	89	5
	PLOT DATE = 7/1/2019	CHECKED -	REVISED -					CONTRACT NO. 87706		
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
542A1909	PIPE CULVERTS, CLASS A, TYPE 3 24"	FOOT	87	87
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3	3
54248510	CONCRETE COLLAR	CU YD	2.7	2.7
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	62	62
58700300	CONCRETE SEALER	SQ FT	1026	1026
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	31.4	31.4
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1
60255500	MANHOLES TO BE ADJUSTED	EACH	5	5
60600605	CONCRETE CURB, TYPE B	FOOT	52	52
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	58	58
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2183	2183

*SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	6
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
	64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1
	64301090	ATTENUATOR BASE	SQ YD	27	27
*	66400305	CHAIN LINK FENCE, 6'	FOOT	200	200
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	270	270
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1
*	66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	3	3
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12
	67100100	MOBILIZATION	L SUM	1	1
	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	2
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	100	100
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	300	300

***SPECIALTY ITEMS**

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	873	873
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	832	832
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	2	2
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	2	2
*	72000100	SIGN PANEL - TYPE 1	SQ FT	6	6
*	72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	108.75	108.75
*	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	895.6	895.6
*	73000100	WOOD SIGN SUPPORT	FOOT	54	54
	73400100	CONCRETE FOUNDATIONS	CU YD	2.36	2.36
*	78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	238	238
*	78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	34	34
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	321	321
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	81	81

***SPECIALTY ITEMS**

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		DRAWN -	REVISED -			68	17-00168-00-BR	LASALLE	89	8
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 87706		
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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4	4
*	80500300	SERVICE INSTALLATION, TYPE C	EACH	2	2
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	267	267
*	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	150	150
*	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4	4
*	81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2	2
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2
*	86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	2	2
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	503	503
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	492	492
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	492	492
*	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	6	6
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18	18
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	6	6

***SPECIALTY ITEMS**

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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 7/1/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	9
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
*	87900200	DRILL EXISTING HANDHOLE	EACH	6	6
*	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8	8
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	6	6
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	2
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	2
*	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	1
	X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	2523	2523
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	6	6
	X0325969	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE BOARD	CAL DA	60	60
	X0326880	MESSAGE BOARD VEHICLE DRIVER	HOUR	480	480
*	X0326955	REMOVE AND RELOCATE EXISTING ELECTRICAL SERVICE	EACH	1	1
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2203	2203
	X1700005	ISLAND PAVEMENT (SPECIAL)	SQ FT	973	973
	X5427600	REMOVE AND RELOCATE END SECTIONS	EACH	1	1

***SPECIALTY ITEMS**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	10
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE FEDERAL = 80% CITY = 20% ROADWAY 0028 SHARED USE PATH
*	X6310214	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL)	EACH	1	1
	X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	1	1
	X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	20	20
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
	X7010410	SPEED DISPLAY TRAILER	CAL MO	18	18
	X7010805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	L SUM	1	1
	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	2183	2183
	X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	6549	6549
	X7200400	WORK ZONE PUBLIC INFORMATION SIGNS	EACH	2	2
*	X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	238	238
*	X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	34	34
*	X8140115	HANDHOLE TO BE ADJUSTED	EACH	2	2
*	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2	2
*	X8860100	LOOP DETECTOR TESTING	EACH	1	1
*	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1	1
	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	62	62

***SPECIALTY ITEMS**

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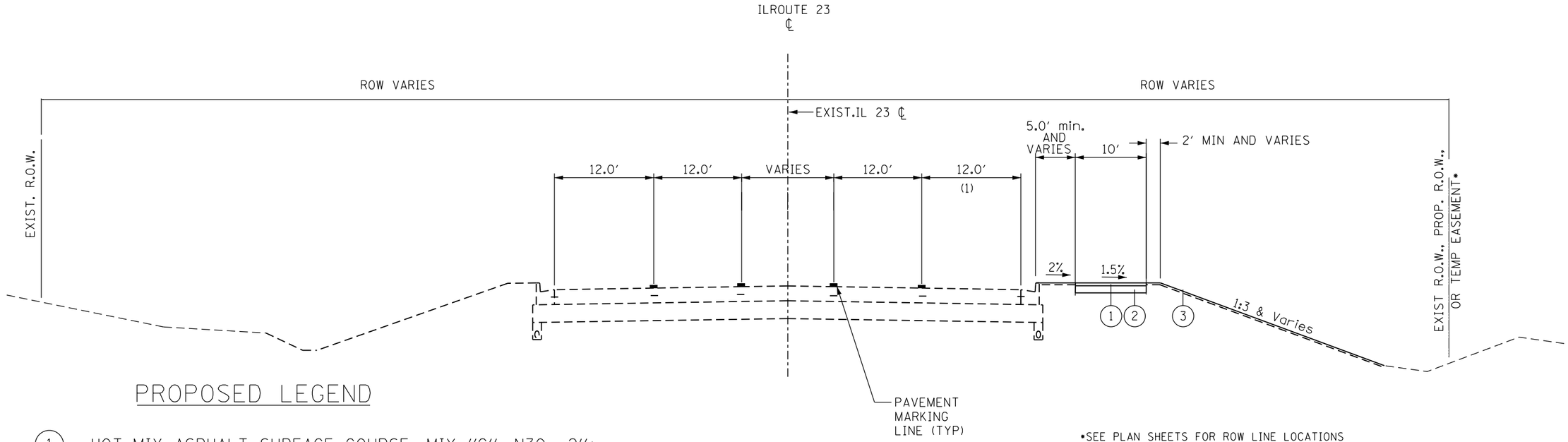
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	11
		ILLINOIS	FED. AID PROJECT	



PROPOSED LEGEND

1. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"*
2. AGGREGATE BASE COURSE, TY A, 6"
3. VEGETATIVE SUSTAINING SOIL***

*PCC SIDEWALK NEAR RAMPS AND CURB AND GUTTER-SEE SCHEDULES AND PLAN AND PROFILE SHEETS

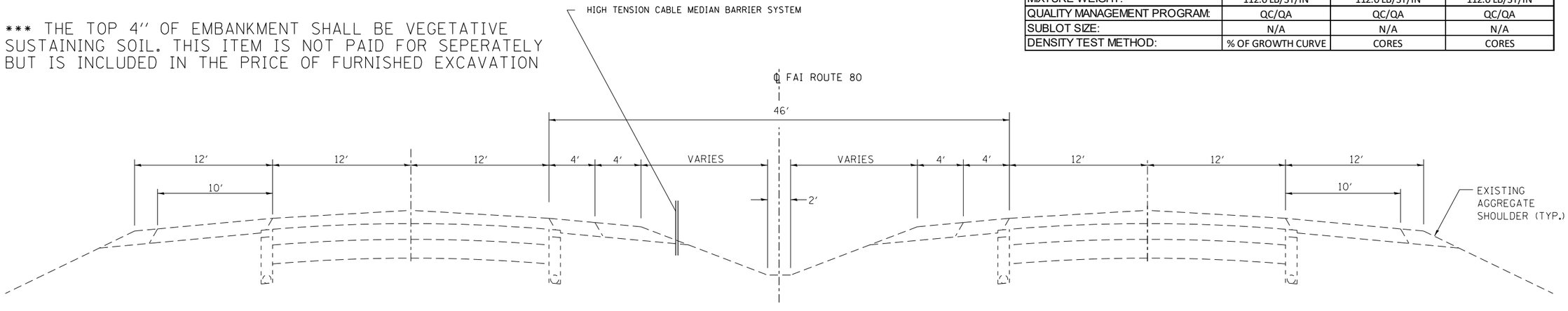
*** THE TOP 4" OF EMBANKMENT SHALL BE VEGETATIVE SUSTAINING SOIL. THIS ITEM IS NOT PAID FOR SEPERATELY BUT IS INCLUDED IN THE PRICE OF FURNISHED EXCAVATION

IL 23
PROPOSED TYPICAL SECTION

FROM ETNA ROAD TO STEVENSON RD
LOOKING SOUTH

*SEE PLAN SHEETS FOR ROW LINE LOCATIONS

HMA MIXTURE REQUIREMENT TABLE			
LOCATION(S):	THROUGHOUT PROJECT	I-80 OUTSIDE SHLD	I-80 OUTSIDE SHLD
MIXTURE USE(S):	SHARED-USE PATH	10' SHLD BOTTOM LIFTS	10' SHLD, TOP 2"
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION:			
(MIXTURE GRADATION)	IL 9.5 FG	IL 19.0 FG	IL 9.5
FRICTION AGGREGATE:	MIXTURE C		MIXTURE D
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
DENSITY TEST METHOD:	% OF GROWTH CURVE	CORES	CORES



EXISTING TYPICAL SECTION 2

I-80
STA. 483+92

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL 23 PROPOSED SHARED-USE PATH
I-80

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	12
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

PROPOSED SHARED USE PATH SCHEDULE

LOCATION					PCC SIDEWALK 5"	DETECTABLE WARNINGS	HMA SURF CSE, MIX C	BIT. MATERIALS (PRIME COAT)	AGG BSE COURSE, TYP A, 6"
US 34	FROM STATION	LT/ RT	TO STATION	LT/ RT	SQ FT	SQ FT	TONS	LBS.	SQ YD
IL 23	159+76	42' RT	165+77	4.5' LT			78	1563	694
IL 23	165+77	19' LT	165+87	0 ' LT	100				11
IL 23	166+10	20'LT				20			
IL 23	166+20	26' LT				20			
IL 23	166+52	19' LT	166+62	19' LT	100	20			11
IL 23	166+62	19' LT	169+15	0' LT			32	643	286
IL 23	169+15	0' LT	169+25	0' LT	100				11
IL 23	171+64	0' LT	171+74	0' LT	100				11
IL 23	171+74	0' LT	174+48	LT			35	710	316
IL 23	174+48	20' LT	174+58	23' LT	100	20			11
IL 23	174+89	23'LT				20			
IL 23	175+02	23' LT				20			
IL 23	175+19	10' LT	175+29	6' LT	100	20			11
IL 23	175+29	6' LT	181+90	RT			83	1658	737
IL 23	181+90	16' LT	182+00	23' LT	100				11
IL 23	182+00	LT		LT		20			
	-								
					700	**160**	**228**	**4,573**	**2,109**

EARTHWORK

LOCATION STA			SIDE	EARTH EXCAVATION	EARTH EXCAV ADJ FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE (+) OVERAGE (-) SHORTAGE
				CU YD	CU YD	CU YD	CU YD
159+50	TO	165+89	RT	72	54	503	-449
166+47	TO	169+67	RT	24	18	1,292	-1,274
171+00	TO	174+58	RT	4	3	2,584	-2,581
175+18	TO	182+00	RT	59	44	621	-577
TOTALS				158	118	5,000	-4,881

SODDING/SEEDING / TEMPORARY EROSION CONTROL SEEDING

LOCATION STA			SIDE	AREA	PERMANENT SODDING	MULCH, METHOD 2	SEEDING, CLASS 2A	HEAVY DUTY EROSION CONTROL BLANKET	FERTILIZER NUTRIENTS NITROGEN	PHOSPHORUS	POTASSIUM	(NOTE 1) TEMP EROS CONTR SEED
				ACRE	SQ YD	ACRE	ACRE	SQ YD	POUND	POUND	POUND	POUND
159+50	TO	165+89	RT	0.35	1694	0.35			21	21	21	105
166+47	TO	169+67	RT	0.39		0.39	0.39	1888	35	35	35	117
171+00	TO	174+58	RT	0.43		0.43	0.43	2081	39	39	39	129
175+18	TO	182+00	RT	0.58	2793	0.58			35	35	35	173.1
												524
TOTALS				1.75	4487	1.75	0.82	3969	129	129	129	1,048

NOTES:
1. TEMPORARY SEEDING QUANTITIES ARE 3 TIMES THE PERMANENT SEEDING AND SODDING ACREAGES.
2. MULCH, METHOD 2 WILL BE USED TO COVER AREAS OF TEMPORARY SEEDING

EROSION CONTROL SYSTEMS

LOCATION STA			SIDE	PERIMETER EROS BARRIER FOOT	INLET AND PIPE PROTECT EACH	RIP RAP/CL A4* SQ YD	FILTER FABRIC* SQ YD
IL 26							
159+50	TO	165+89	RT	677			
166+47	TO	169+67	RT	369			
171+00	TO	174+58	RT	385			
175+18	TO	182+00	RT	710			
159+94			19' LT		1		
160+00			2' RT		1		
178+00			19' RT		1		
178+21			11' LT		1		
179+90			20' LT		1		
181+75			18' LT		1		
168+86	TO	169+85	52' RT			181	181
TOTALS				2,141	6	181	181

*RIP RAP AND FILTER FABRIC ARE PERMANENT EROSION CONTROL SYSTEMS

ISLAND SCHEDULE

LOCATION STATION	LT/RT	PAVEMENT REMOVAL SQ. YD.	ISLAND PAVEMENT (SPECIAL) SQ. FT.
166+10	LT	54.1	487
174+90	LT	54	486
TOTALS		**108**	**973**

1.PAVEMENT REMOVAL SHALL BE SAME FOOTPRINT AS SHOWN IN THE ISLAND PAVEMENT DETAIL FOR THE NORTH ISLAND. PAVEMENT REMOVAL SHALL BE SLIGHTLY LARGER THAN THE ISLAND PAVEMENT FOR THE SOUTH ISLAND TO ACCOUNT FOR THE REMOVAL OF THE EXISTING RAISED ISLAND
2. PAVEMENT REMOVAL INCLUDES THE REMOVAL OF THE RAISED PAVEMENT AT APPROX STA 174+90

GUARDRAIL AND ATTENUATOR SCHEDULE

LOCATION	REMOVE IMPACT ATT SAND MODULE*	ATTENUATOR BASE	IMPACT ATTN. NON-REDIRECTIVE, TL3	TBT TY6 (SPECIAL)	GR REFL TYPE A	CONCRETE CURB, TYPE B
IN MEDIAN OF I-80	EACH	SQ YD	EACH	EA	EA	FOOT
STA 483+87	1	27	1			
STA 484+22 TO STA 484+48				1	4	52
GRAND TOTAL	1	27	1	1	4	52

* THIS ITEM SHALL INCLUDE REMOVING ALL 12 EXISTING SAND MODULES, AND THE EXISTING ATTENUATOR BASE FOR THESE MODULES

DRAINAGE PIPE SCHEDULE

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				STORM SEWER PIPE NAME	PIPE CULVERT, CLASS A			
NAME	LOCATION			NAME	LOCATION				TYPE 1			TYPE 3
	STA.	OFFSET (FT)	LT/RT		STA.	OFFSET (FT)	LT/RT		12"	15"	24"	24"
10	161+00	2	RT	EX. INLET	159+94	19	LT	P10	*19*			
EX. INLET	162+70	1	RT	END SECTION	277+11	25	RT	P11			78	
EX. END SECT.	169+21	14	RT	END SECTION	169+21	34	RT	P12	31			
EX. END SECT.	169+69	7	RT	END SECTION	169+69	34	RT	P13				31
EX. END SECT.	169+69	7	RT	END SECTION	169+69	34	RT	P13A				31
EX. END SECT.	171+17	13	RT	END SECTION	171+17	41	RT	P14				25
EX. END SECT.	171+68	5	RT	END SECTION	171+68	42	RT	P15		15		
EX. END SECT.	174+07	9	RT	END SECTION	174+07	15	RT	P16	6			
END SECTION	178+00	9	LT	END SECTION	178+00	9	RT	P17	19			
SHEET TOTAL									75	15	78	87

PERMANENT PAVEMENT MARKING SCHEDULE

LOCATION					LINE	PREFORMED PLASTIC PVT MK, TYPE B 24	PREFORMED PLASTIC PVT MK, TYPE B 6"	GROOVING FOR RECESSED PVT MK 25"	GROOVING FOR RECESSED PVT MK 7"	MODIFIED URETHANE PVT MK 8"	MODIFIED URETHANE PVT MK 12"	PVT MK REMOVAL (WATER BLASTING)-NOTE 1
LOCATION	STATION	TO	STATION	OFFSET		(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(SQ FT)
IL 23 NORTH RAMP												
STOP BAR	165+80		166+00	LT	SOLID	20		20				5
CROSSWALK (2 LINES)	165+82		166+11	LT	SOLID		48		48			
CROSSWALK (2 LINES)	166+21		166+48	LT	SOLID		56		56			
ISLAND					SOLID					147	34	50
IL 23 SOUTH RAMP												
STOP BAR	174+62		174+76	LT	SOLID	14		14				5
CROSSWALK (2 LINES)	174+60		174+81	LT	SOLID		42		42			
CROSSWALK (2 LINES)	175+00		175+20	LT	SOLID		32		32			
ISLAND	174+76		175+13	LT	SOLID					174	47	50
CROSS WALK NEAR ETNA RD	182+00		182=00	LT			60		60			30
SHEET 1 TOTAL						34	238	34	238	321	81	140

NOTE 1- FOR THE REMOVAL OF EXISTING STOPBARS AND PAINTED ISLANDS

DRAINAGE STRUCTURES AND END SECTION SCHEDULE

STRUCTURE NAME	LOCATION			MANHOLE TO BE ADJUSTED	REMOVE AND RELOCATE END SECTIONS	INLET, TYPE A	REINFORECMENT BARS	CONCRETE COLLAR	PRECAST REINFORCED CONCRETE FLARED END SECTION		
						T8 GRATE			12"	15"	24"
	STA.	OFFSET (FT)	LT/RT	EACH	EACH	EACH	POUND	CU YD	EACH	EACH	EACH
10	161+00	2	RT			1					
	163+50	25	RT								1
	169+21	34	RT				22	0.33	1		
	169+69	34	RT				60	1.08			2
	171+17	41	RT		1		30	0.54			
	171+68	42	RT				24	0.38		1	
	174+07	15	RT				22	0.33	1		
	178+00	9	RT						1		
	178+00	9	LT						1		
	160+50	17	LT	1							
	160+95	19	LT	1							
	162+28	15	LT	1							
	162+68	2	RT	1							
	179+87	20	LT	1							
SHEET TOTALS				5	1	1	158	2.66	4	1	3

END SECTION AND PIPE CULVERT REMOVAL

LOCATION			REMOVE EXIST. FLARED END SECTION (EACH)	PIPE CULVERT REMOVAL
STA.	OFFSET (FT)	LT/RT		FEET
162+80	7	RT		20
162+90	9	RT	1	
163+50	25	RT		
169+21	34	RT		
169+69	34	RT		
169+69	6	RT	2	
171+17	13	RT	1	
171+17	41	RT		
171+68	6	RT	1	
171+68	42	RT		
174+07	10	RT	1	
174+07	15	RT		
178+00	9	RT		
178+00	9	LT		
GRAND TOTALS			6	20

COMB CURB AND GUTTER TY.B-6.24 SCHEDULE

LOCATION		COMB. CONC. CURB & GUTTER TY. B-6.24	CURB AND GUTTER REMOVAL
STA	LT/RT	FOOT	FOOT
166+13	LT	12	12
166+46	RT	12	12
174+56	RT	12	12
175+17	RT	12	12
182+00	LT	10	20
GRAND TOTALS		58	68

TREE REMOVAL

LOCATION		TREE REMOVAL 6-15 UNITS
STATION	LT/RT	UNITS
161+14	14' LT	6
161+70	LT	6
TOTALS		12

SIGN PANELS				
LOCATION STA	SIGN PANEL, TYPE 1 SQ FT	WOOD SIGN SUPPORT FOOT	SIGN DESIGNATION	SIGN DIMENSIONS INCHES
165+78	1.5	13.5	R9-5	12X18
166+55	1.5	13.5	R9-5	12X18
174+56	1.5	13.5	R9-5	12X18
175+23	1.5	13.5	R9-5	12X18
TOTALS	6	54		

PLACE ALL SIGNS NSUCH THAT EDGE OF SIGN IS 2' MIN AWAY FROM EDGE OF SHARED-USE PATH

STAGE CONSTRUCTION SCHEDULE

LOCATION	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTEN., TEMPORARY (SEVERE USE, NARROW) TL3	IMPACT ATTEN., RELOCATE (SEVERE USE, NARROW) TL3	WET REFL TEMP TAPE, TYPE III-4" (1/3 YELLOW, 2/3 WHITE)	TEMPORARY PAVEMENT MARKING REMOVAL (2)	PAVEMENT MARKING REMOVAL (WATER BLASTING) (3)	AGG BSE CSE, TYPE A, 4"	HMA SHLD 9"	HMA SURFACE REMOVAL 9"	RUMBLE STRIPS 16" (4)
	FOOT	FOOT	EACH	EACH	FOOT	SQ. FT.	SQ FT	SQ YD	SQ YD	SQ YD	FOOT
MAINLINE											
STAGE 1											
WBL											
STA 487+27 TO STA 483+13	418		1								
EBL											
STA 481+71.5 TO STA 485+88	414		1								
STAGE II											
WBL											
STA 487+27 TO STA 482+91	18	418		1							
STA 489+52 TO STA 478+67					3,255	1,085	1,085	1,206	1,206	1,206	1,085
EBL											
STA 481+75 TO STA 486+12	23	414		1							
STA 490+30 TO STA 479+32					3,294	1,098	1,098	1,220	1,220	1,220	1,098
TOTALS	873	832	2	2	6,549	2,183	2,183	2,426	2,426	2,426	2,183

(2) TEMPORARY PAVT MK REMOVAL IS TO REMOVE THE WET TEMP PVT MK TAPE
(3) PAVEMENT MARKING REMOVAL (WATER BLASTING) IS TO REMOVE EXISTING PAVEMENT MARKINGS PRIOR TO STAGE II CONSTRUCTION
(4) RUMBLE STRIPS TO BE GROUND INTO PAVEMENT ONLY AFTER STAGE II CONSTRUCTION IS COMPLETE

BENCH MARK #100. ELEV 619.88

BENCH MARK #102. ELEV 629.84

BENCH MARK #104. ELEV 630.08

BENCH MARK #106. ELEV 619.64

COORDINATES FOR CONTROL POINTS

		NORTHING	EASTING	ELEVATION	
OTTAWBASE					
	100	1716160.8320	845950.2960	619.88	CP-1
	102	1716102.7900	846297.0770	629.84	CP-2
	104	1715222.5730	846284.3730	630.08	CP31
	106	1715234.0620	845948.1370	619.64	CP-4
A309					
B308					

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DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	94	16
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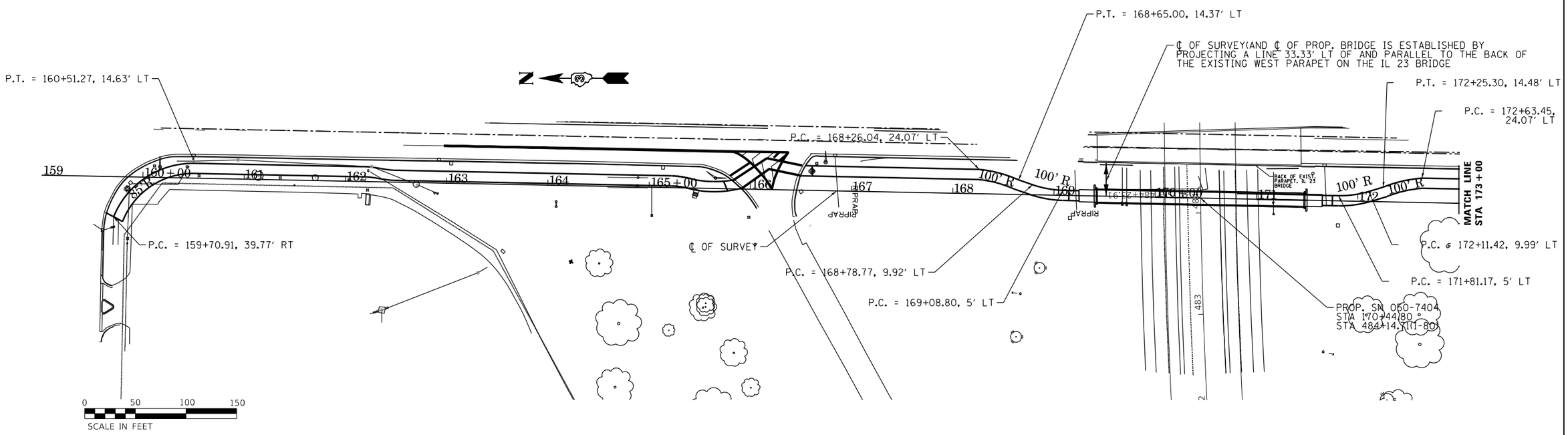
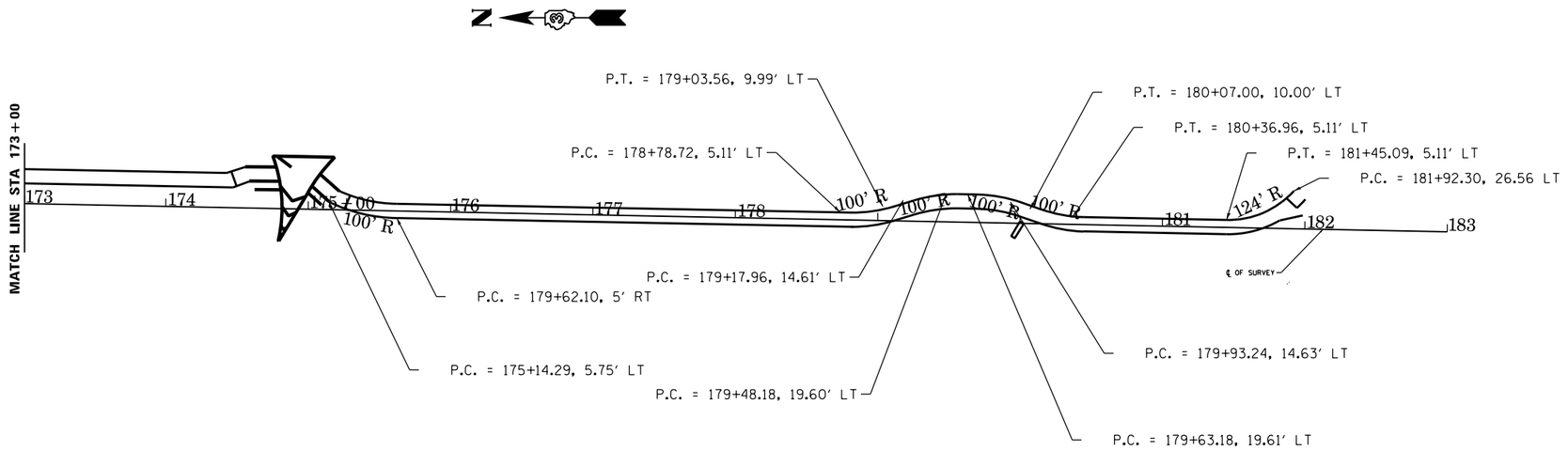
	ILLINOIS	FED. AID PROJECT		





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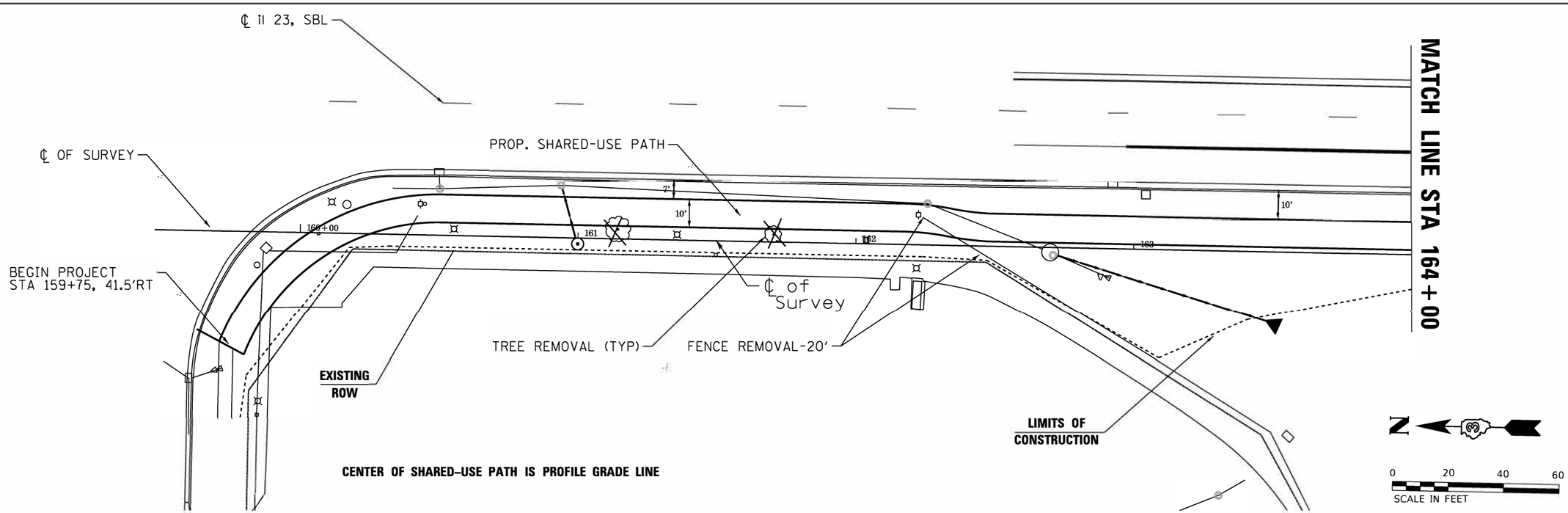
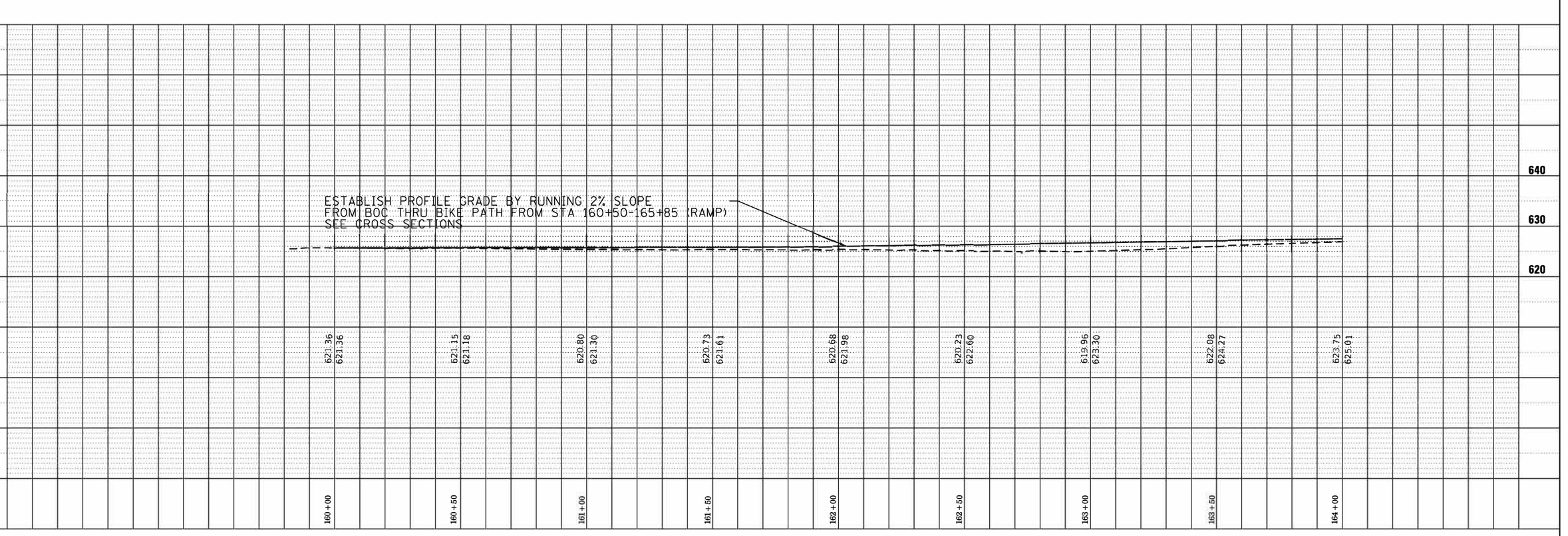
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	17
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		





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PLOT DATE = 7/20/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET STEVENSON RD
TO STA 164+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	18
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE STA 164+00

MATCH LINE STA 169+00

CURB AND GUTTER REMOVAL-10'
COMB CONC C&G, B6.24-10'
DEPRESS CURB FOR ADA COMPLIANCE
DETECTABLE WARNINGS-20 SQ FT

℄ il 23, SBL

PAVEMENT REMOVAL-54 SQ YD
ISLAND PAVEMENT (SPECIAL)-
486 SQ FT.,SEE DETAIL

0 20 40 60
SCALE IN FEET

N

PROP. SHARED-USE PATH

10'

10'

164

165+00

166

167

168

RIPRAP

RIPRAP

10'

10'

℄ OF SURVEY

RELOCATE SIGN PANEL
TYPE III (SEE DETAIL)

LIMITS OF
CONSTRUCTION

℄ of
Survey

CONTROLLER CABINET TBR

PCC SIDEWALK, 5"

CURB AND GUTTER REMOVAL-10'
COMB CONC C&G, B6.24-10'
DEPRESS CURB FOR ADA COMPLIANCE
DETECTABLE WARNINGS-20 SQ FT

CENTER OF SHARED-USE PATH IS PROFILE GRADE LINE

ESTABLISH PROFILE GRADE BY RUNNING 2% SLOPE
FROM BOC THRU BIKE PATH FROM STA 160+50-165+85 (RAMP)
SEE CROSS SECTIONS

+00 EL. 630.50

120.00' V.C

+20.00 EL. 631.0

+44.80 LL. 631.0

90.00' V

-0.09%

+2

VPI STA 167+60.00
ELEVATION 631.10

VPI STA 168+89.78
ELEVATION 630.98

650

630

164+00	164+50	165+00	165+50	166+00	166+50	167+00	167+50	168+00	168+50	169+00
625.01	624.74	625.23	624.22	627.98	628.64	625.97	624.47	623.53	622.68	631.10
	625.92	625.85	627.77		628.64	630.50	630.89	631.05	631.02	622.96
						630.72	630.99	631.04		

PLAN
SURVEYED
PLOTTED
ROADWAY CHECKED
R/T. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
ROADWAY CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-plansheets.dgn

IMEG CORP. ILLINOIS | INDIANA | KENTUCKY
McClure Engineering Associates, Inc.

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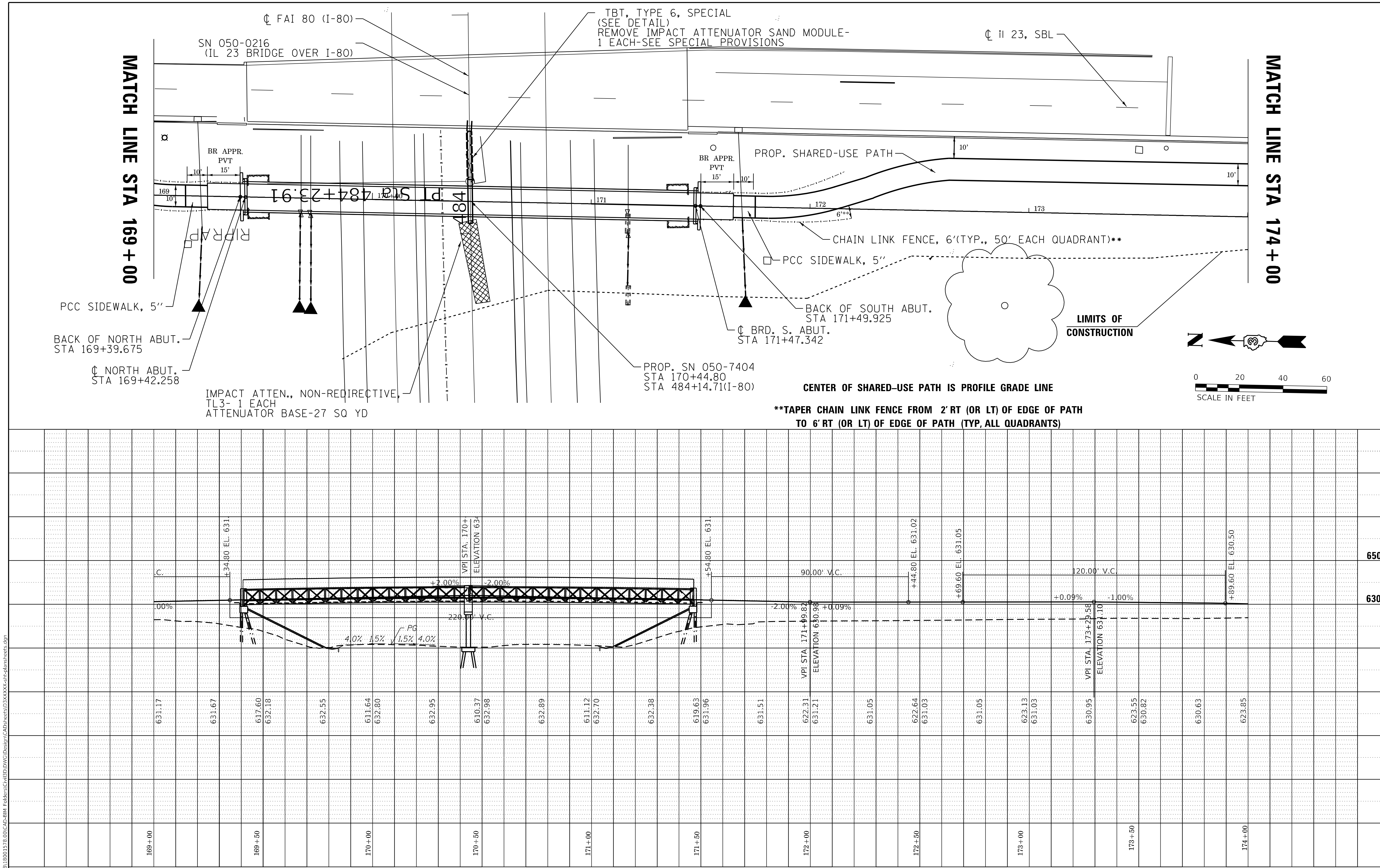
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET STA 164+00
TO STA 169+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	19
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		



PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO. — BY — DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT'NS CH'KD, NOTE BOOK, NO. — BY — DATE

MODEL: Default
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IMEG
1138 COLUMBUS STREET OTTAWA, IL 61350 PH: 815.433.2080 www.imegcorp.com
FORMERLY McClure Engineering Associates, Inc.

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/20/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET STA 169+00
TO STA 174+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	20
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

PLAN

	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	AUGMENT CHECKED	
NO.	RT. OF WAY CHECKED	
	ROAD RECEIVED	

MATCH LINE STA 174+00

MATCH LINE STA 179+00

PROP. SHARED-USE PATH

CURB AND GUTTER REMOVAL-10'
COMB CONC C&G, B6.24-10'
DEPRESS CURB FOR ADA COMPLIANCE

~ 11 23, SBL

CURB AND GUTTER REMOVAL-10'
COMB CONC C&G, B6.24-10'
DEPRESS CURB FOR ADA COMPLIANCE

~ OF SURVEY

10'

174

175+00

176

10'

177

178

PCC SIDEWALK, 5"

PCC SIDEWALK, 5"

LANDSCAPING

LIMITS OF CONSTRUCTION

PAVEMENT REMOVAL-54 SQ YD
ISLAND PAVEMENT (SPECIAL)-
486 SQ FT.,SEE DETAIL

PROPOSED PERM. EASEMENT

EXISTING ROW

PROPERTY LINE

STARBUCKS
PERM. EASEMENT
REQUIRED–
0.007 ACRES

CENTER OF SHARED–USE PATH IS PROFILE GRADE LINE

0 20 40 60
SCALE IN FEET

DETECTABLE WARNINGS

PROFILE

	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	GRADES CHECKED	
NO.	B.M. NOTED	
	STRUCTURE NO/ATING CHKD	

-2.00%

VPI STA. 175+93.00
ELEVATION 626.19

-4.00%

627.65

PC STA. 175+20.00
627.65

146.00' V.C.

PRC STA. 176+66.00
ELEVATION 623.27

4.00%

VPI STA. 177+42.00
ELEVATION 620.23

+0.00%

152.00' V.C.

PT STA. 178+18.00
ELEVATION 620.23

640

620

630.18 | 628.61 | 627.79 | 627.09 | 626.39 | 625.95 | 622.06 | 620.84 | 620.27 | 620.23

174+50 | 175+00 | 175+50 | 176+00 | 176+50 | 177+00 | 177+50 | 178+00 | 178+50 | 179+(

MODEL: $MODELNAME$
FILE NAME: $FILE$

IMEG
1106 COLUMBUS STREET PH: 815.434.2440
OTTAWA, IL 61350 www.imegcorp.com

McClure Engineering Associates, Inc.

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PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET STA 174+00
TO STA 179+00

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

68

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	21
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE STA 179+00

~ 1123, SBL

END PROJECT
STA 181+95.5, 23.3'RT

PREF. PLASTIC, PVT MK, TYPE B., 24"-60 FT

PVT. MK REM. (WATER BLASTING)

CURB AND GUTTER REMOVAL-20'**
COMB CONC C&G, B6.24-10'
DEPRESS CURB FOR ADA COMPLIANCE
DETECTABLE WARNINGS-20 SQ FT
(ENSURE 10' MIN. CURB OPENING)

PCC SIDEWALK, 5"

~ OF SURVEY

RELOCATE EXIST. SERVICE
INSTALLATION, 7' TO THE SW

**CURB REM–10' ALONG CURB OPENING,
10' AROUND EXIST. SIDEWALK

PROPOSED PRIVATE
BUSINESS SIGN

10'

4'

3'

180+00

PROPOSED SHARED–USE PATH

181

10'

182

183

LANDSCAPING

LIMITS OF
CONSTRUCTION

PROP. WELCOME
TO OTTAWA SIGN
(BY OTHERS)

PROPOSED PERM.
EASEMENT

EXISTING
ROW

STARBUCKS
PERM. EASEMENT
REQUIRED–
0.08 ACRES

THORTONS GAS STATION
PERM. EASEMENT
REQUIRED–
0.08 ACRES

CENTER OF SHARED–USE PATH IS PROFILE GRADE LINE

0 20 40 60
SCALE IN FEET

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
AUGMENT CHECKED
RT. OF WAY CHECKED
CLOG REMARK
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
B.M. NOTED
STRUCTURE NO/TATNS CHKD
BY
DATE

640

620

+0.00%
-2.00%
PC STA. 180+27.00
ELEVATION 620.23
173.00' V.C.
VPI STA. 181+13.50
ELEVATION 620.23
+0.00%
-2.00%
VPI STA. 182+00.00
ELEVATION 618.50
618.50

620.23 620.23 620.23 620.20 619.92 619.35 618.50

179+00 179+50 180+00 180+50 181+00 181+50 182+00

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND SHEET STA 179+00
TO STA ETNA RD

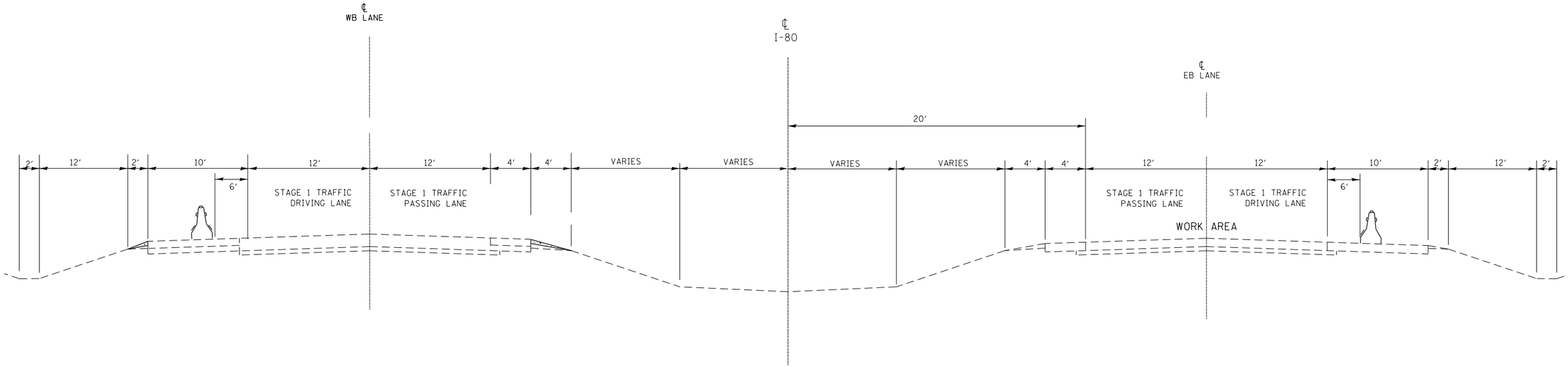
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	22

CONTRACT NO. 87706

ILLINOIS | FED. AID PROJECT

BETWEEN MEDIAN CROSSOVERS



NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING EITHER THE LINE ON THE TEMPORARY CONCRETE BARRIER OR ON THE PAVEMENT.
2. THE COLOR OF THE REFLECTORS AND PAVEMENT/BARRIER MARKING LINE WILL VARY WITH STAGING AND SHALL MATCH THE EXISTING LINE IN THE WORK AREA.
3. THE COST OF THE REFLECTORS IS INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER
4. THE CONTRACTOR SHALL REMOVE AND REPLACE THE HMA SHOULDERS PRIOR TO STAGE I CONSTRUCTION

STAGE 1

TRAFFIC CONTROL ON THIS SHEET AND ON THE TRAFFIC CONTROL FOR PEDESTRIAN BRIDGE PLACEMENT SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-staging.dwg	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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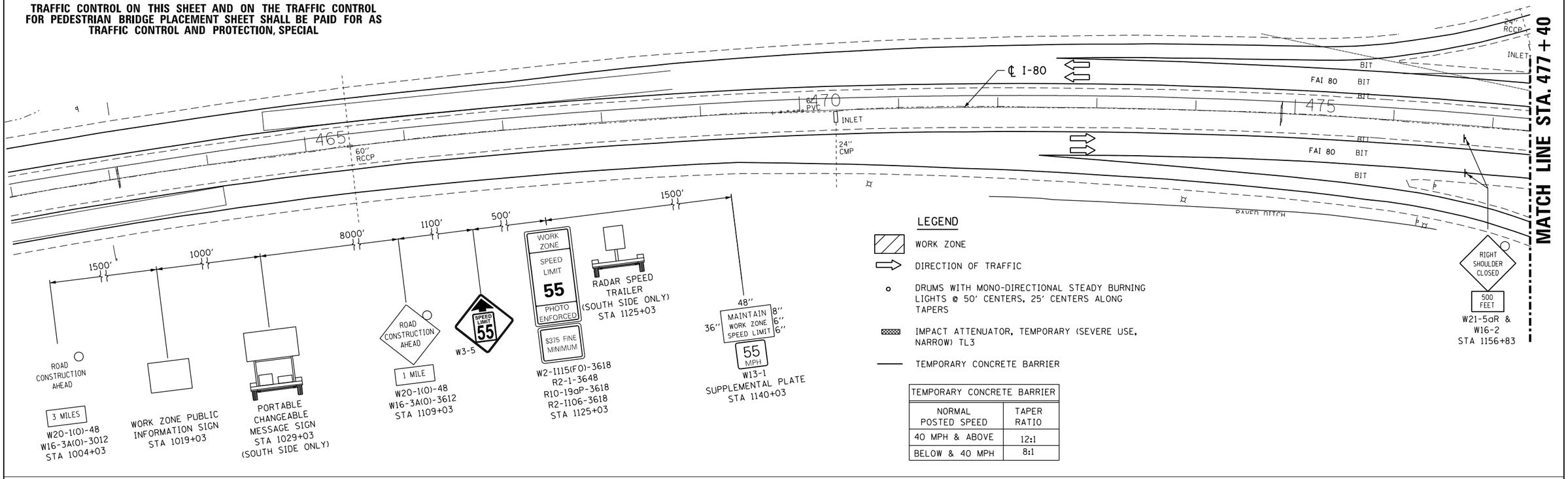
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 TYPICAL SECTION

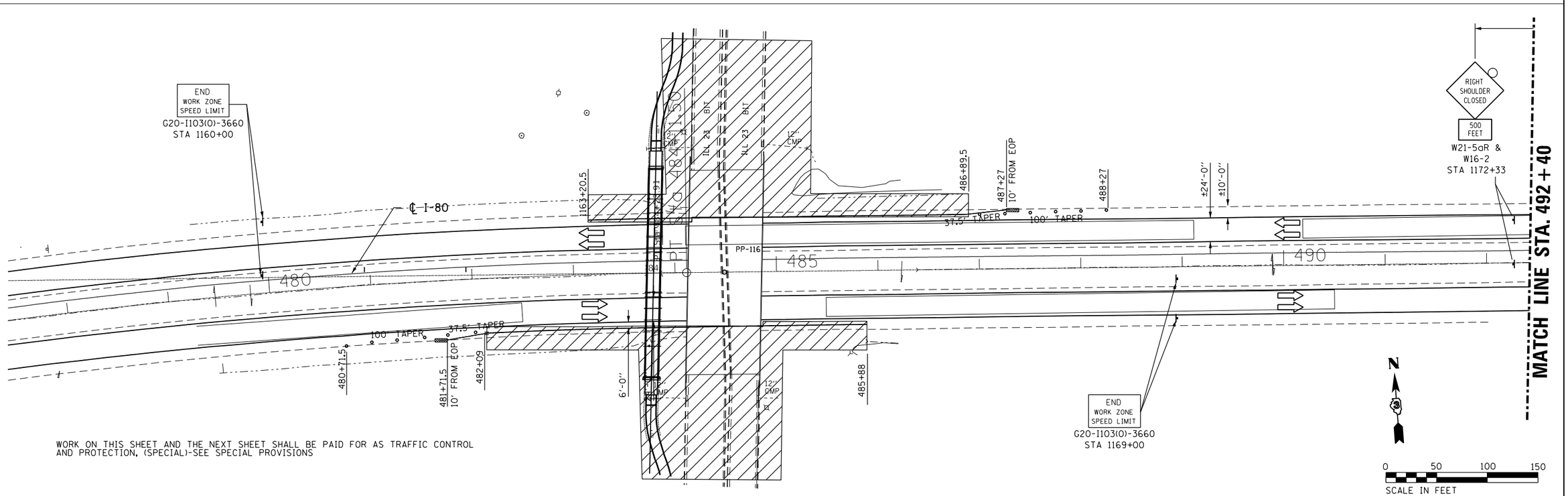
SCALE: | SHEET NO. 32 OF 98 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	23
		CONTRACT NO. 87706		
		ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL ON THIS SHEET AND ON THE TRAFFIC CONTROL FOR PEDESTRIAN BRIDGE PLACEMENT SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL



TEMPORARY CONCRETE BARRIER	
NORMAL POSTED SPEED	TAPER RATIO
40 MPH & ABOVE	12:1
BELOW & 40 MPH	8:1



WORK ON THIS SHEET AND THE NEXT SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL)-SEE SPECIAL PROVISIONS

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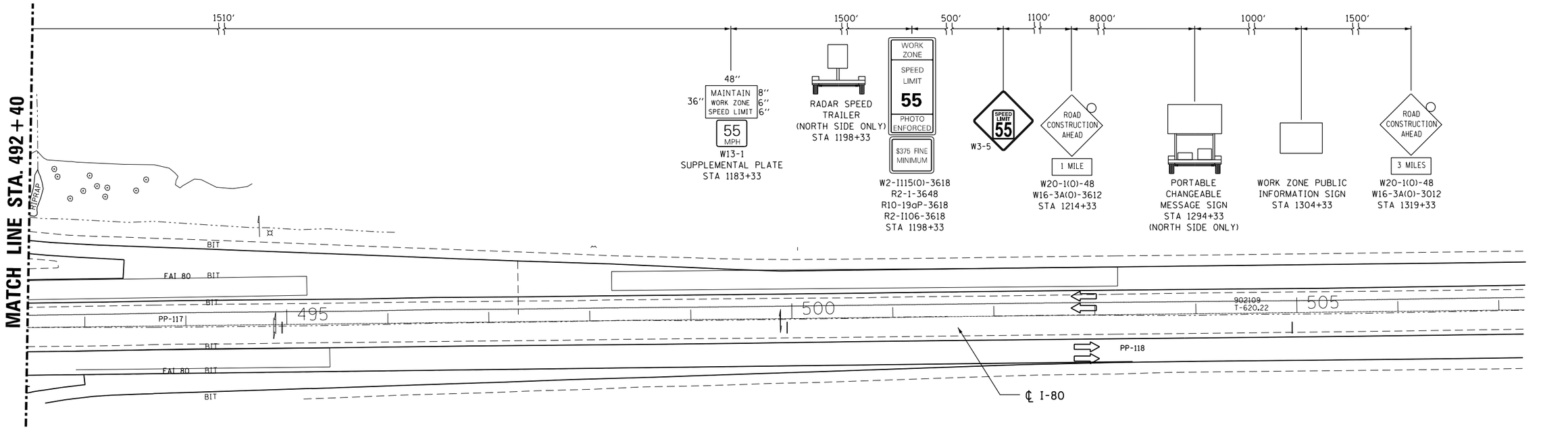
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
I-80 STAGE 1

SCALE: | SHEET NO. 33 OF 98 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	24
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			



LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS @ 50′ CENTERS, 25′ CENTERS ALONG TAPERS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE)
- TEMPORARY CONCRETE BARRIER

TEMPORARY CONCRETE BARRIER	
NORMAL POSTED SPEED	TAPER RATIO
40 MPH & ABOVE	12:1
BELOW & 40 MPH	8:1

TRAFFIC CONTROL ON THIS SHEET AND ON THE TRAFFIC CONTROL FOR PEDESTRIAN BRIDGE PLACEMENT SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

N

0 50 100 150
SCALE IN FEET

FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil\3D\DWG\Design\CADsheets\D3XXXXX-sht-staging.dgn Default	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
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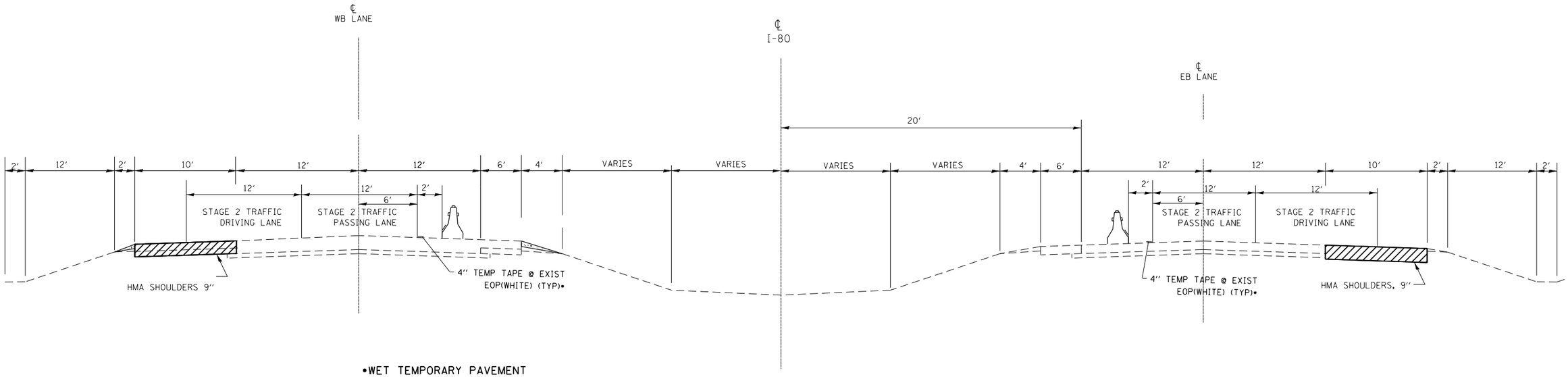
	PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
I–80 STAGE 1

SCALE: | SHEET NO. 34 OF 98 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	25
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		



•WET TEMPORARY PAVEMENT MARKING TAPE TYPE III (REMOVE ALL EXIST PVT MK)

STAGE 2

TRAFFIC CONTROL ON THIS SHEET AND ON THE TRAFFIC CONTROL FOR PEDESTRIAN BRIDGE PLACEMENT SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

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	PLOT DATE = 7/20/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II TYPICAL SECTION

SCALE: | SHEET NO. 35 OF 98 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	26
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL ON THIS SHEET AND ON THE TRAFFIC CONTROL FOR PEDESTRIAN BRIDGE PLACEMENT SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

MATCH LINE STA. 477+40

MATCH LINE STA. 492+40

END WORK ZONE SPEED LIMIT
G20-1103(0)-3660
STA 1157+00

465 | 470 | 475 | 480 | 485 | 490

60" RCCP

6" PVC

24" CMP

INLET

24" RCCP

INLET

BIT

FAI 80

BIT

BIT

FAI 80

BIT

BIT

200'

300'

PAVED DITCH

STAY IN LANE

R4-9-3648
STA 1156+08

500 FEET

W1-4bR(O)-48 & W16-2
STA 1154+08

1500' 1000' 8000' 1100' 500' 1500' 1100'

ROAD CONSTRUCTION AHEAD
3 MILES
W20-1(O)-48
W16-3A(O)-3012
STA 1000+68

WORK ZONE PUBLIC INFORMATION SIGN
STA 1015+68

PORTABLE CHANGEABLE MESSAGE SIGN
STA 1025+68
(SOUTH SIDE ONLY)

ROAD CONSTRUCTION AHEAD
1 MILE
W20-1(O)-48
W16-3A(O)-3612
STA 1122+28

SPEED LIMIT 55
W3-5

WORK ZONE SPEED LIMIT 55 PHOTO ENFORCED
$375 FINE MINIMUM
W2-1115(FO)-3618
R2-1-3648
R10-19aP-3618
R2-1106-3618
STA 1122+08

RADAR SPEED TRAILER
(SOUTH SIDE ONLY)
STA 1122+08

48"
36"
MAINTAIN WORK ZONE SPEED LIMIT
8"
6"
6"
55 MPH
W13-1
SUPPLEMENTAL PLATE
STA 1137+28

LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS
- IMPACT ATTENUATOR, TEMPORARY (SEVERE USE, NARROW) TL3
- TEMPORARY CONCRETE BARRIER

TEMPORARY CONCRETE BARRIER	
NORMAL POSTED SPEED	TAPER RATIO
40 MPH & ABOVE	12:1
BELOW & 40 MPH	8:1

W1-4bR(O)-48
STA 1162+91

℄ I-80

478+67

479+00

479+32

481+75
5' FROM EOP

482+17

482+82

482+91

483+00

486+02

486+12

486+80

487+27
5' FROM EOP

489+52

490+30

350' TAPER

350' TAPER

350' TAPER

300'

300'

6'-0"

6'-0"

2'-0"

±12'-0"

±12'-0"

±12'-0"

±12'-0"

PP-116

ILL 23 BIT

ILL 23 BIT

12" CMP

12" CMP

12" CMP

12" CMP

WET PVMT MARKING TAPE LINE 4" WHITE

WET PVMT MARKING TAPE LINE 4" YELLOW

WET PVMT MARKING TAPE LINE 4" WHITE

WET PVMT MARKING TAPE LINE 4" YELLOW

W1-4bR(O)-48
STA 1159+08

W1-4bR(O)-48
STA 1166+24

W1-4bR(O)-48
STA 1170+08

END WORK ZONE SPEED LIMIT
G20-1103(O)-3660
STA 1172+00

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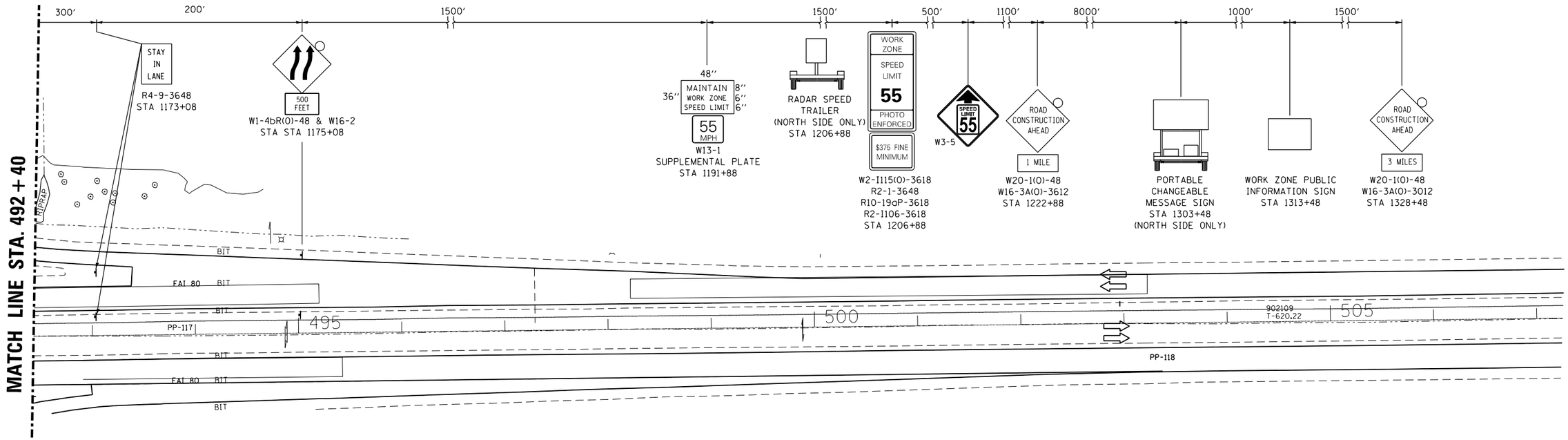
	PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
I-80 STAGE 2

SCALE: | SHEET NO. 33 OF 98 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	27
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			



LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS @ 50′ CENTERS, 25′ CENTERS ALONG TAPERS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE)
- TEMPORARY CONCRETE BARRIER

TEMPORARY CONCRETE BARRIER	
NORMAL POSTED SPEED	TAPER RATIO
40 MPH & ABOVE	12:1
BELOW & 40 MPH	8:1

TRAFFIC CONTROL ON THIS SHEET AND ON THE TRAFFIC CONTROL FOR PEDESTRIAN BRIDGE PLACEMENT SHEET SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-staging.dwg	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 101.3168 ′ / in.	CHECKED -	REVISED -
Default	PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
I–80 STAGE 2

SCALE: | SHEET NO. 34 OF 98 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	28
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. TEMPORARY MULCH WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.

2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 2".

3. INLET & PIPE PROTECTION AT FLARED END SECTIONS/CULVERTS SHALL BE STRAW BALES, NOT SILT FENCE.

LEGEND

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

EROSION CONTROL BLANKET/SEEDING, CLASS 2A

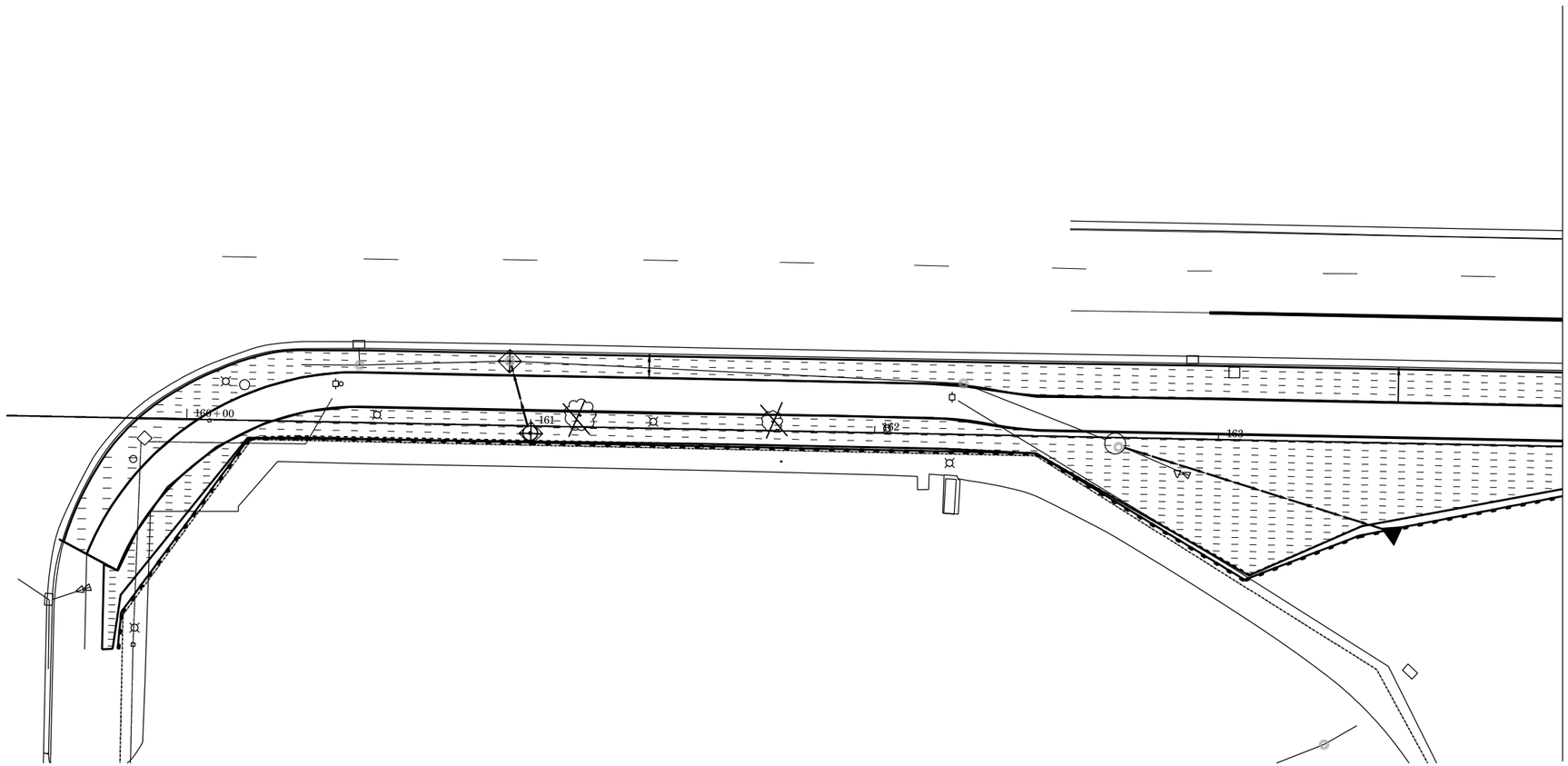
TREE REMOVAL

SODDING

N

0 20 40 60

SCALE IN FEET



PEDESTRIAN SIGNAL HEAD PAY ITEM.

IMEG CONSULTANTS CORP. — McClure Engineering Associates

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
STEVENSON RD TO STA 164+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	29
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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NOTES:

1. TEMPORARY MULCH WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.

2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 2".

3. INLET & PIPE PROTECTION AT FLARED END SECTIONS/CULVERTS SHALL BE STRAW BALES, NOT SILT FENCE.

LEGEND

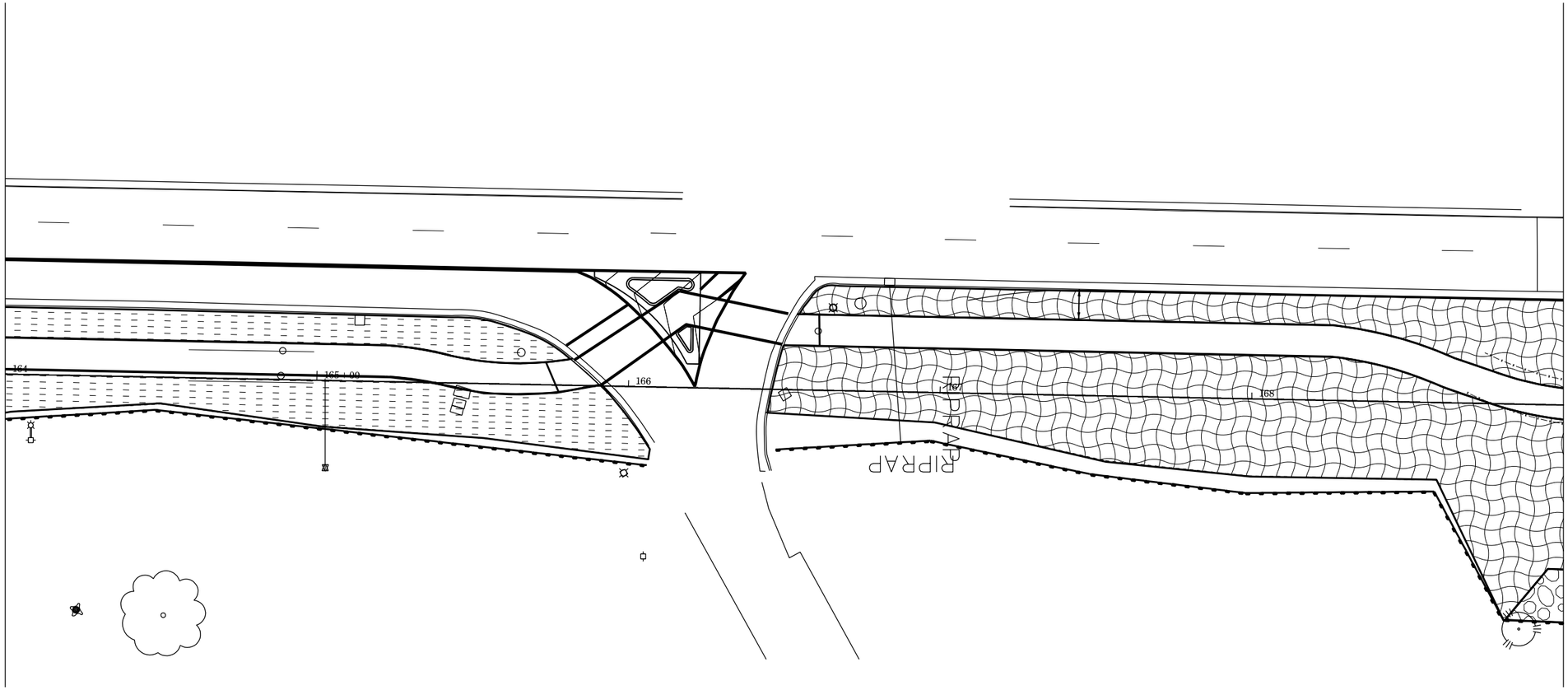
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET/SEEDING, CLASS 2A
- TREE REMOVAL
- SODDING

N

0 20 40 60

SCALE IN FEET

MATCH LINE STA 164+00



MATCH LINE STA 169+00

MODEL: Default
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USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ERPSION CONTROL
STA 164+00 TO STA 169+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	30
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. TEMPORARY MULCH WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.

2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 2".

3. INLET & PIPE PROTECTION AT FLARED END SECTIONS/CULVERTS SHALL BE STRAW BALES, NOT SILT FENCE.

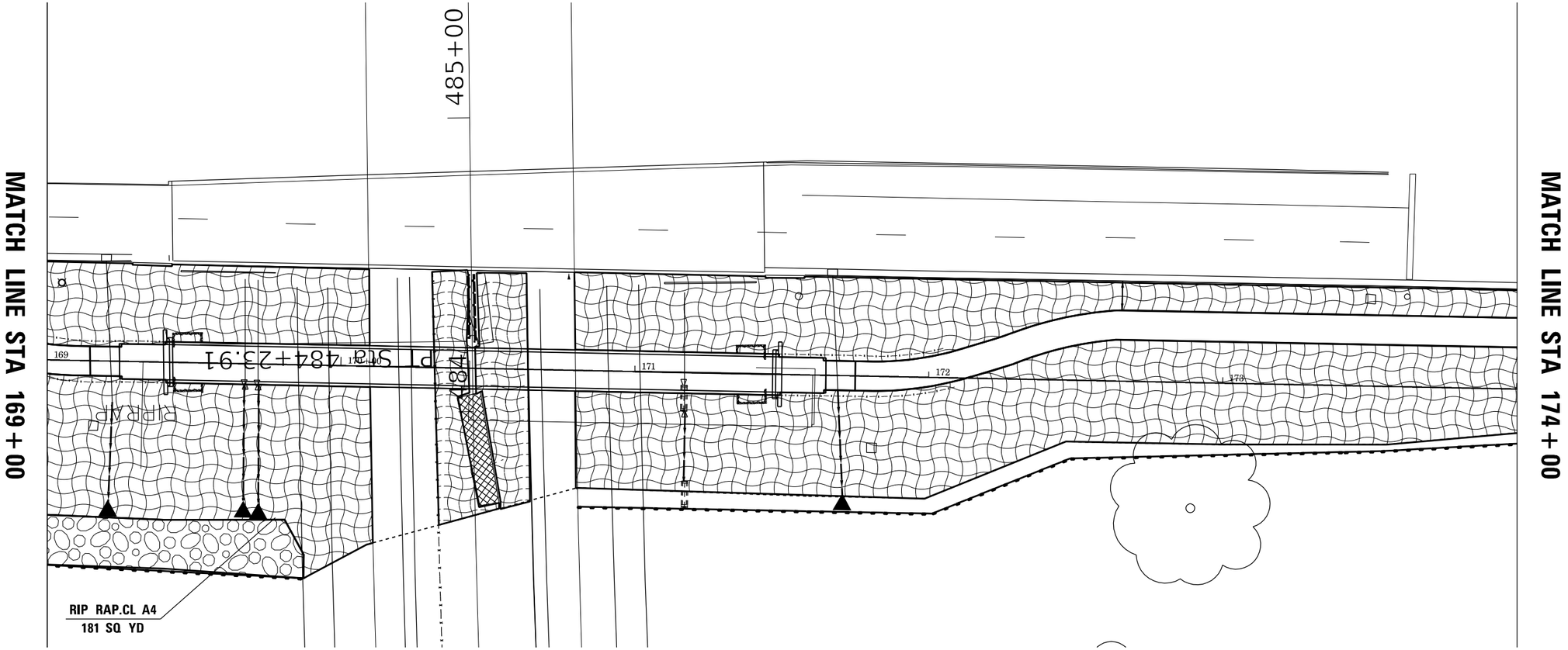
LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- RIP RAP, CL A4
- EROSION CONTROL BLANKET/SEEDING, CLASS 2A
- TREE REMOVAL
- SODDING

N

0 20 40 60

SCALE IN FEET



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IMEG / McClure	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL STA 169+00 TO STA 174+00
		DRAWN -	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 6/23/2019	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	31
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. TEMPORARY MULCH WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.

2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 2".

3. INLET & PIPE PROTECTION AT FLARED END SECTIONS/CULVERTS SHALL BE STRAW BALES, NOT SILT FENCE.

LEGEND

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

EROSION CONTROL BLANKET/SEEDING, CLASS 2A

TREE REMOVAL

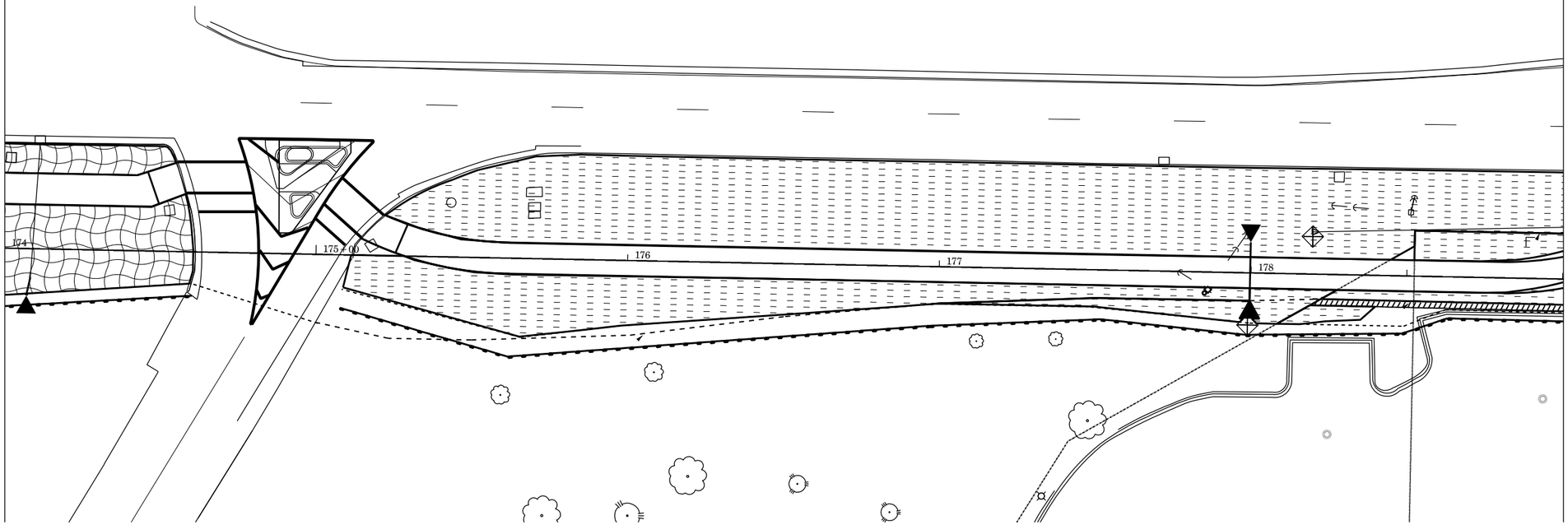
SODDING

N

0 20 40 60

SCALE IN FEET

MATCH LINE STA 174+00



MATCH LINE STA 179+00

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CAD\sheets\03XXXXX-sth-erosion_control.dgn

IMEG CORP. ENGINEERING PROJECT MANAGEMENT OTTAWA, IL 61350 www.imegcorp.com

McClure ENGINEERING

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
STA 174+00 TO STA 179+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	32
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. TEMPORARY MULCH WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.

2. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 2".

3. INLET & PIPE PROTECTION AT FLARED END SECTIONS/CULVERTS SHALL BE STRAW BALES, NOT SILT FENCE.

LEGEND

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

EROSION CONTROL BLANKET/SEEDING, CLASS 2A

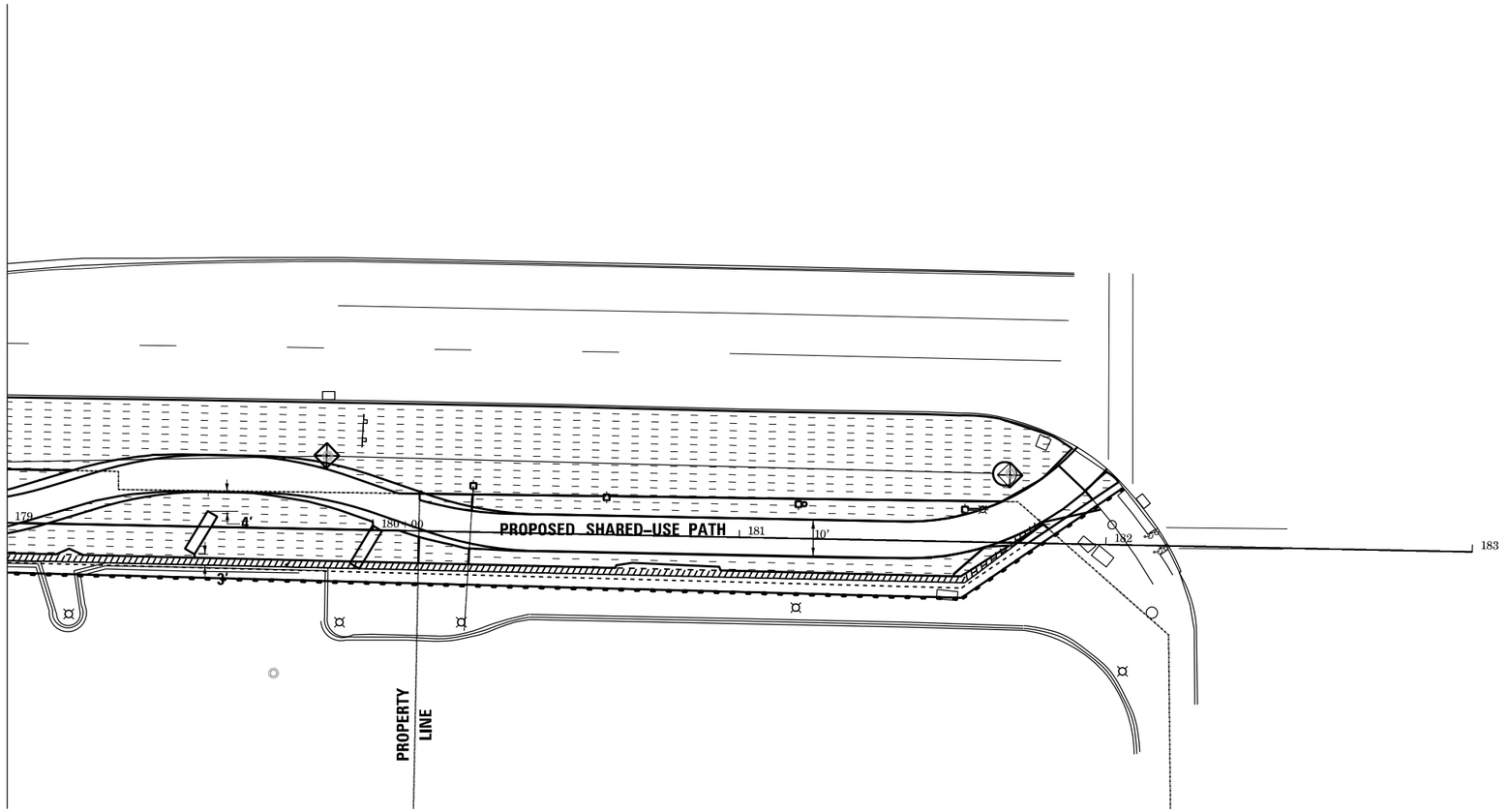
TREE REMOVAL

SODDING

N

0 20 40 60

SCALE IN FEET



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IMEG

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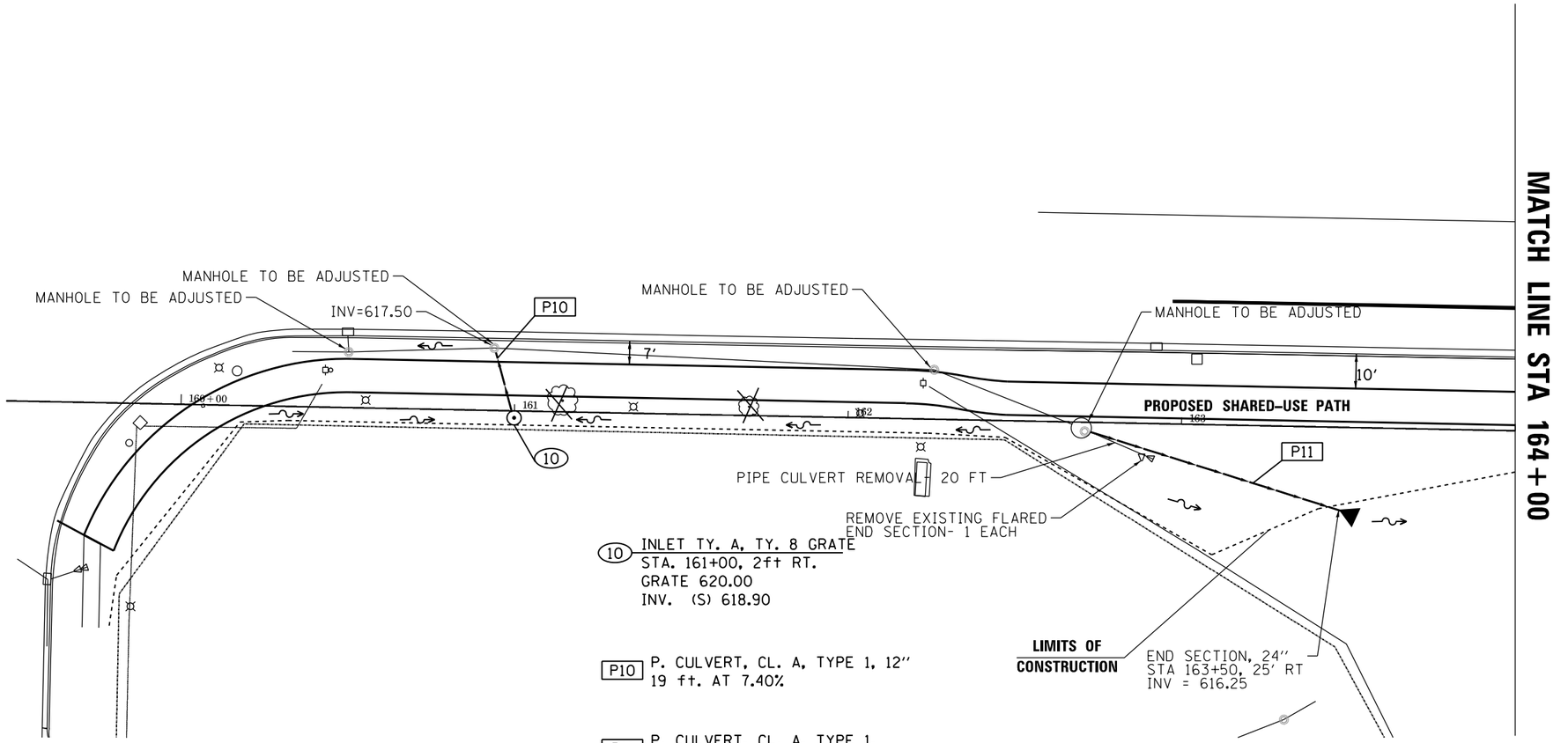
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
STA 179+00 TO ETNA RD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	33
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		



PEDESTRIAN SIGNAL HEAD PAY ITEM.

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SHEETS
STEVENSON RD TO STA 164+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	34
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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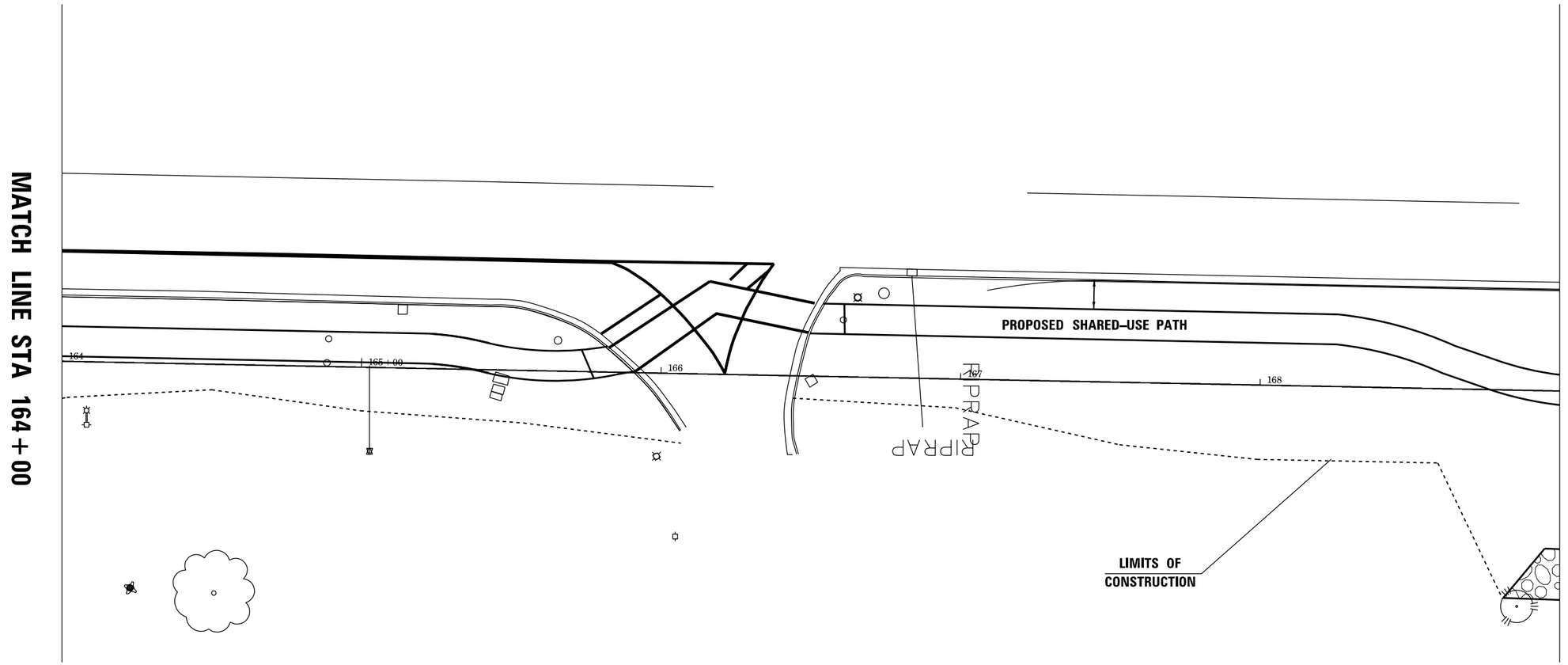

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IMEG CORP. CHICAGO, ILLINOIS OFFICE
McClure Engineering Associates, Inc.

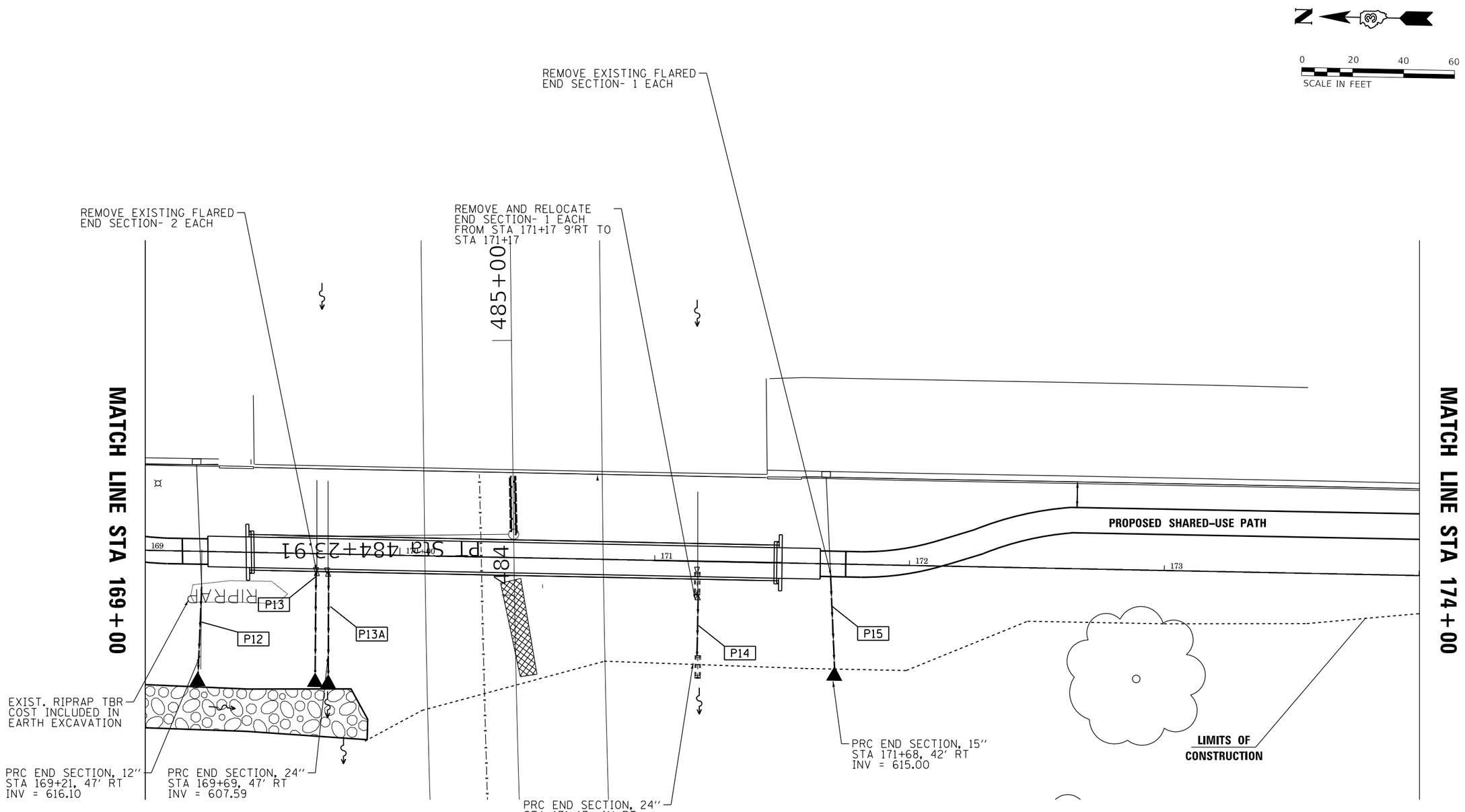
USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SHEETS
STA 164+00 TO STA 169+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	35
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		



P12 STORM SEWER, CL. A, 12''
19 ft.

P13 PIPE CULVERT, CL. A, TYPE 3, 24''
27 ft.

P13A PIPE CULVERT, CL. A, TYPE 3, 24''
27 ft.

P14 PIPE CULVERT, CL. A, TYPE 3, 24''
25 ft.

P15 PIPE CULVERT, CL. A, TYPE 1, 15''
35 ft.

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil\3D\DWG\Design\CAD\sheets\03XXXXX-sht-drainage.dgn

IMEG
McClure

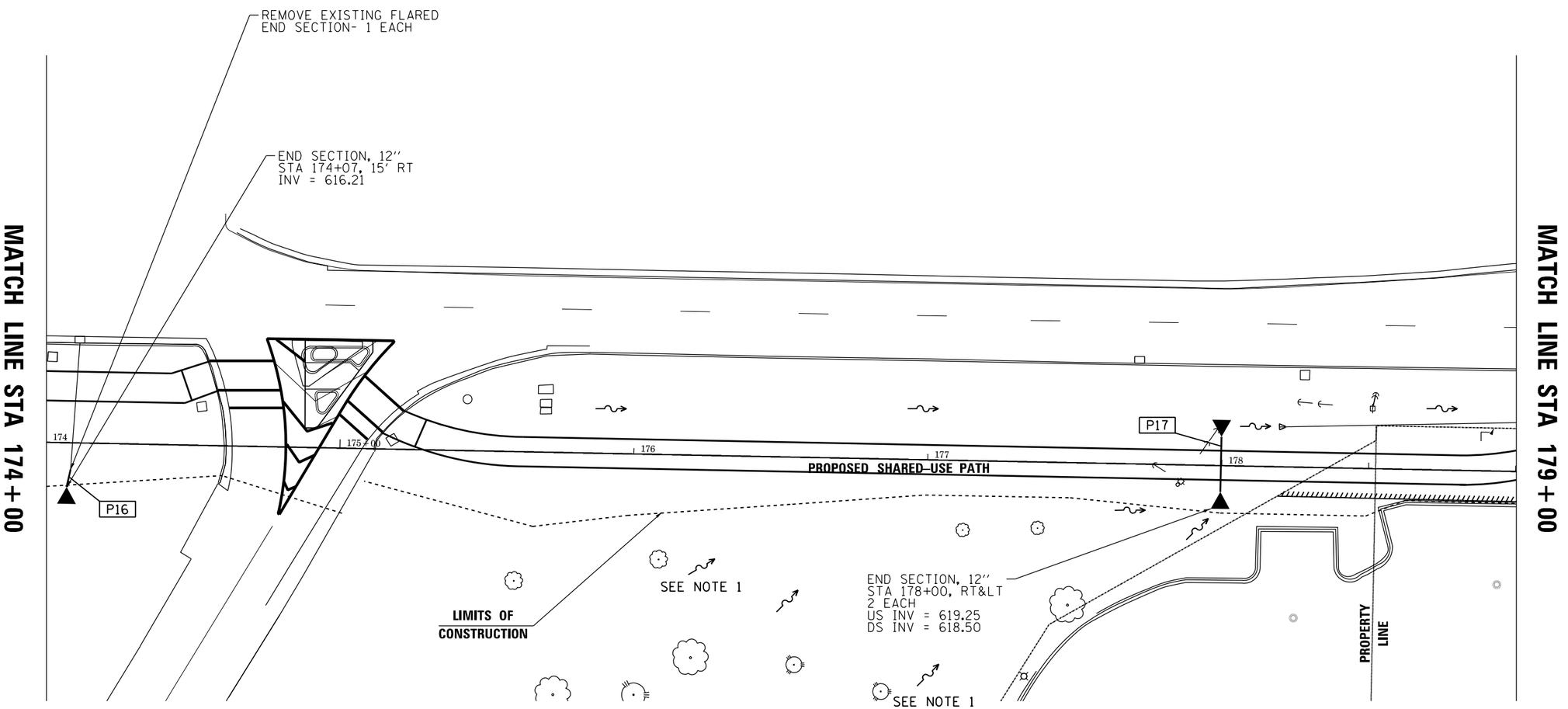
USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SHEETS
STA 169+00 TO STA 174+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	36
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			



P16 PIPE CULVERT, CL. A, TYPE 1, 12''
6 ft.

P17 PIPE CULVERT, CL. A, TYPE 1, 12''
19 ft. 3.9%

NOTE 1 - GRADE INFIELD AREA TO DRAIN WATER TO STA 178+00 9' RT

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CAD\sheets\D3XXXXX-stit-drainage.dgn

IMEG
McClure Engineering Associates

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
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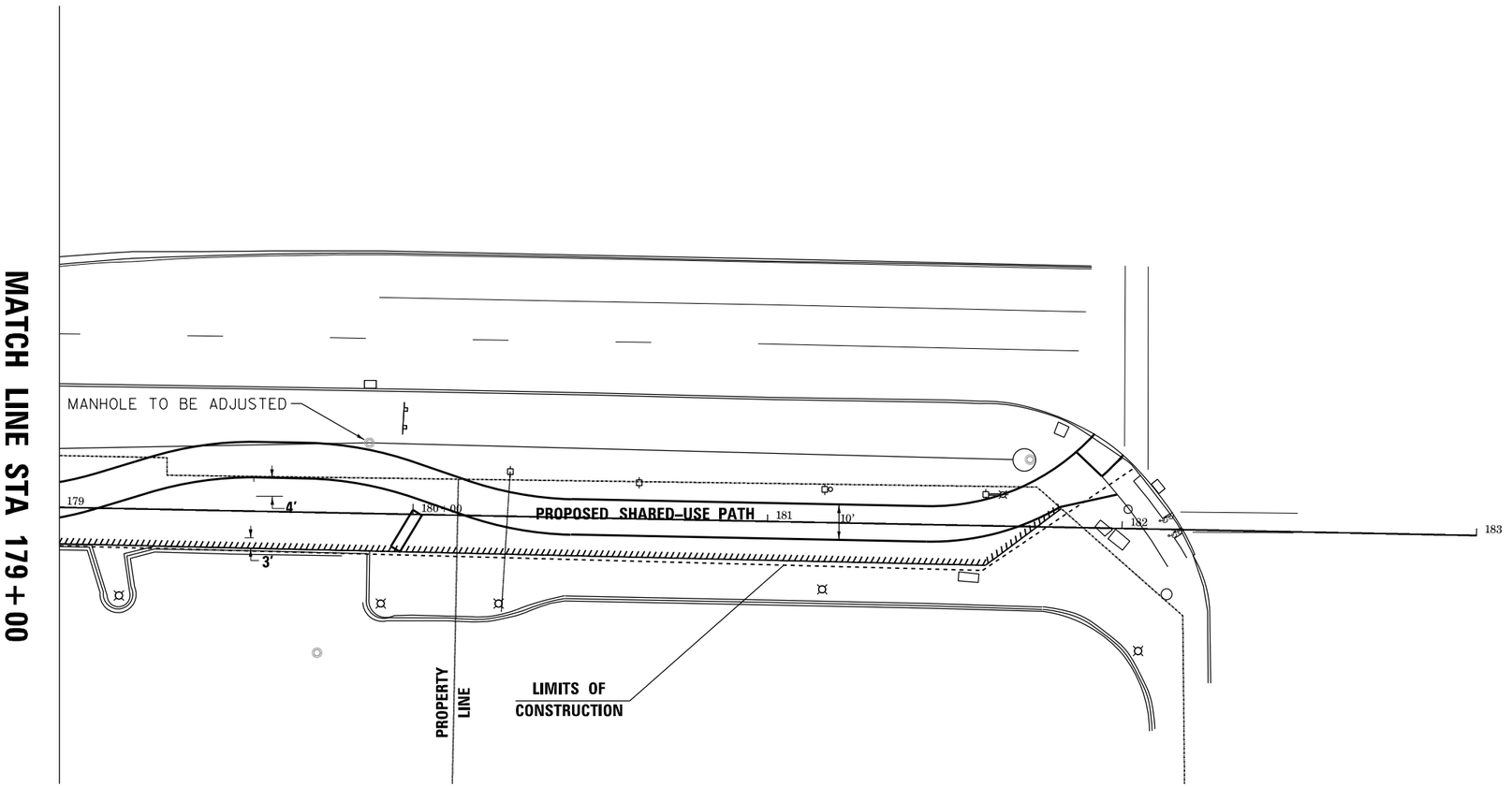
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SHEETS
STA 174+00 TO STA 179+00

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	37
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		



N

0 20 40 60

SCALE IN FEET

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-shl-drainage.dgn

IMEG CORP. / McClure Engineering Assoc., P.C.

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

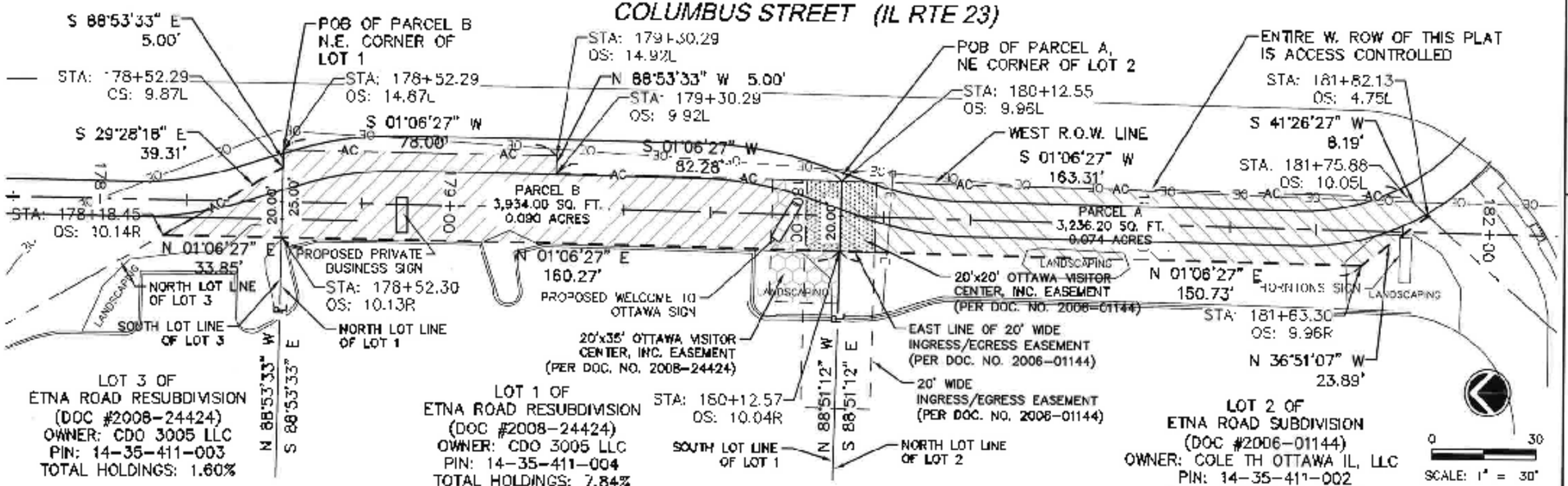
DRAINAGE SHEETS
STA 179+00 TO ETNA RD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	38
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

PLAT OF EASEMENT

COLUMBUS STREET (IL RTE 23)



LOT 3 OF
ETNA ROAD RESUBDIVISION
(DOC #2008-24424)
OWNER: CDO 3005 LLC
PIN: 14-35-411-003
TOTAL HOLDINGS: 1.60%

LOT 1 OF
ETNA ROAD RESUBDIVISION
(DOC #2008-24424)
OWNER: CDO 3005 LLC
PIN: 14-35-411-004
TOTAL HOLDINGS: 7.84%

LOT 2 OF
ETNA ROAD SUBDIVISION
(DOC #2006-01144)
OWNER: COLE TH OTTAWA IL, LLC
PIN: 14-35-411-002
TOTAL HOLDINGS: 5.57%

PARCEL "A"

THAT PART OF LOT 2 IN ETNA ROAD SUBDIVISION, A SUBDIVISION IN THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 35, TOWNSHIP 34 NORTH RANGE 3 EAST OF THE THIRD PRINCIPAL MERIDIAN, RECORDED AS DOCUMENT NUMBER 2006-01144 IN THE LASALLE COUNTY RECORDER'S OFFICE, OTTAWA, ILLINOIS, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF LOT 2 IN ETNA ROAD SUBDIVISION; THENCE S 01° 06' 27" W, 163.31 FEET ALONG THE EAST LINE OF SAID LOT 2; THENCE S 41° 26' 27" W, 8.19 FEET ALONG THE SOUTHEAST LINE OF SAID LOT 2; THENCE N 36° 51' 07" W, 23.89 FEET; THENCE N 01° 06' 27" E, 150.73 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 2; THENCE S 88° 51' 12" E, 20.00 FEET ALONG SAID NORTH LINE TO THE POINT OF BEGINNING, CONTAINING 0.074 ACRES, MORE OF LESS.

PARCEL "B"

THAT PART OF LOT 1 AND LOT 3 IN ETNA ROAD RE-SUBDIVISION, A SUBDIVISION IN THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 35, TOWNSHIP 34 NORTH RANGE 3 EAST OF THE THIRD PRINCIPAL MERIDIAN, RECORDED AS DOCUMENT NUMBER 2008-24424 IN THE LASALLE COUNTY RECORDER'S OFFICE, OTTAWA, ILLINOIS, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF LOT 1 IN ETNA ROAD RE-SUBDIVISION; THENCE S 01° 06' 27" W, 78.00 FEET ALONG THE EAST LINE OF SAID LOT 1; THENCE N 88° 53' 33" W, 5.00 FEET; THENCE S 01° 06' 27" W, 82.28 FEET ALONG THE SAID EAST LINE TO THE SOUTHEAST CORNER OF SAID LOT 1; THENCE N 88° 51' 12" W, 20.00 FEET ALONG THE SOUTH LINE OF SAID LOT 1; THENCE N 01° 06' 27" E, 160.27 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 1; THENCE N 01° 06' 27" E, 33.85 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 3; THENCE S 29° 28' 18" E, 39.31 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 1; THENCE S 88° 53' 33" E, 5.00 FEET ALONG SAID NORTH LINE OF LOT 1 TO THE POINT OF BEGINNING, CONTAINING 0.090 ACRES, MORE OR LESS.

GENERAL NOTES:

BASIS OF BEARINGS IS THE W R.O.W. LINE OF THE ILLINOIS ROUTE 23 AND THE EAST LINE OF LOT 2 OF ETNA ROAD SUBDIVISION , BEARING S 01° 06' 27" W (AS SHOWN)

AC = ACCESS CONTROLLED ALONG ENTIRE WEST ROW OF COLUMBUS STREET (IL RTE 23) FOR THIS PLAT

OTTAWA VISITORS CENTER, INC. EASEMENT-SEE SUBDIVISION PLATS RECORDED AS DOC # 2006-01144 AND 2008-24424 FOR DETAILS OF EASEMENTS.

I, J.R. NOVOTNEY, Jr., Illinois Professional Land Surveyor, do hereby state that to the best of my knowledge and belief, that the plat drawn hereon is a true and correct representation of a survey made under my direction. I further state that I have made no independent search of records for easements, encumbrances, ownership, or title evidence, or any other facts which an accurate title search may disclose as part of this survey, but I have relied upon the materials and representations supplied to me by the owner's representative, and that a current title commitment was not furnished to me as part of this survey. This professional service conforms with the Illinois minimum standards for a boundary survey.

Dated this 26 day of AUGUST, 2019

J.R. Novotney, Jr.
Illinois Professional Land Surveyor
No. 35-2356
License Expires 11-30-20

J.R. NOVOTNEY, JR. 35-2356 OTTAWA PROFESSIONAL LAND SURVEYOR
Expires 11/30/20

No.	REVISIONS DESCRIPTION	DATE
1.	ADD PROPOSED R&R LOCATION	6/7/19
2.	REVISE PARCEL & ADD PRIVATE SIGN	8/21/19

IMEG

I-80 PEDESTRIAN BRIDGE - CITY OF OTTAWA
OTTAWA, ILLINOIS

PLAT OF EASEMENT

IMEG Project No: 18001578
File Name: 18001578-ROW_Platting
© COPYRIGHT 2019 ALL RIGHTS RESERVED
Field Book No: ---
Drawn By: BKR
Checked By: JRN
Date: 01/31/2019

B-988

Sheet 1 of 1

FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil\3D\DWG\Design\CADsheets\D3XXXXX-sht-Platsand	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PERMANENT EASEMENT				
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -						
	PLOT DATE = 9/2/2019	CHECKED -	REVISED -						
		DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	39
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL GENERAL NOTES

1. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.

3. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.

4. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE

5. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.

6. A $^{57}/_{64}$ $^{9}/_{32}$ DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED WITH THE COST OF CONDUIT PAY ITEM.

7. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED WITH THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.

8. ALL CONDUIT IN TRENCH SHALL BE P.V.C. ALL PUSHED CONDUIT MAY BE P.V.C. OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.

9. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN $2^{5}/_{32}$ MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

10. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.

11. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

12. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

13. ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.

14. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.

15. THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CHORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTROLLER CABINET PAY ITEM.

16. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.

18. BACKPLATES SHALL BE POLYCARBONATE, LOUVERED FORMED BACKPLATES.

19. ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE POLYCARBONATE BLACK HOUSING AND BLACK BRACKETS.

20. THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION.

21. ALL UNINTERRUPTIBLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHA GUARD MONITORS.

22. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 807 OF THE STANDARD SPECIFICATIONS.

24. THE FIBER OPTIC CABLE SHALL BE LABELED WITH DIRECTION AND ASSIGNMENT NUMBER.

25. THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.

26. THE MAST ARM FOUNDATIONS SHALL BE LOCATED A MINIMUM $6^{5}/_{32}$ FROM THE FACE OF CURB OR A MINIMUM $18^{5}/_{32}$ FROM THE EDGE OF PAVEMENT TO THE FACE OF FOUNDATION WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IN CURB AREA, GET MORE THAN $6^{5}/_{32}$ IF POSSIBLE IF THE SIGNAL HEAD STILL LINES UP IN CENTER OF LANE.

28. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE TRAFFIC SIGNAL SQUAD PRIOR TO THE EQUIPMENT BEING DELIVERED TO PROJECT. CONTACT WARREN NORRIS AT 815-434-8506.

IMEG CORP. — McClure Engineering

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/1/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL GENERAL NOTES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	40
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

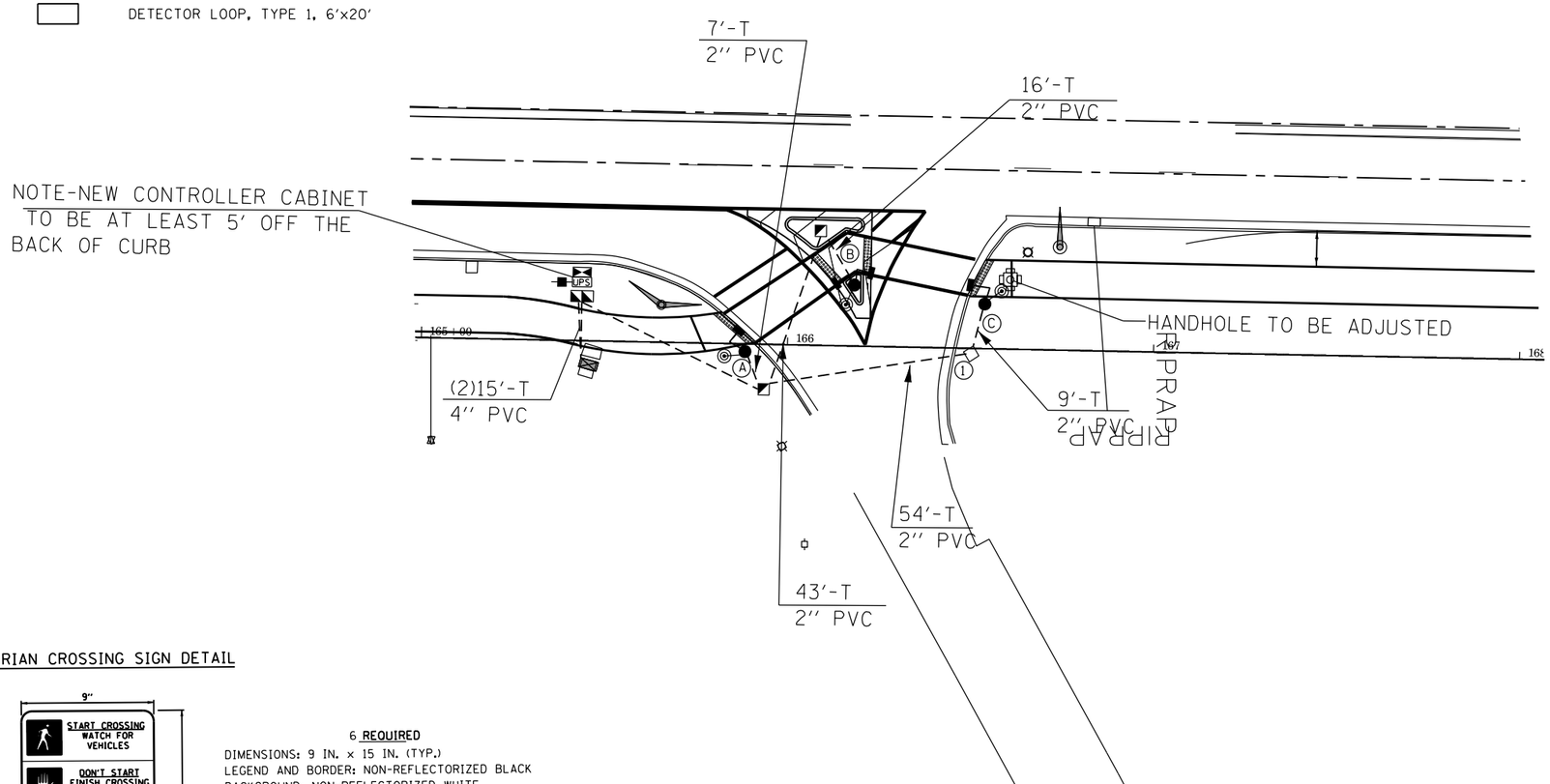
HANDHOLE	
DOUBLE HANDHOLE	
CONTROLLER AND CABINET	
UNINTERRUPTABLE POWER SUPPLY	
SIGNAL HEAD WITH BACKPLATE	
POWER SERVICE INSTALLATION	
PEDESTRIAN SIGNAL HEAD	
PEDESTRIAN PUSH BUTTON	
SIGNAL POST	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE	
CONDUIT: "T" TRENCH, "P" PUSHED	
DETECTOR LOOP, TYPE 1, 6'x6'	
DETECTOR LOOP, TYPE 1, 6'x20'	

SCHEDULE OF POLE/MAST ARM ASSEMBLIES

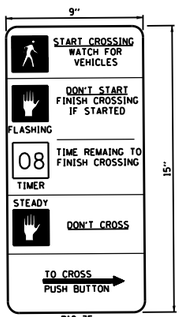
LOCATION	LENGTH
A	10' SIGNAL POST
B	10' SIGNAL POST
C	10' SIGNAL POST

SCHEDULE OF SIGNAL HEAD QUANTITIES

LOCATION	ITEM	UNIT	QUANTITIES
1	SH, 1F, 3S, BM	EACH	1



PEDESTRIAN CROSSING SIGN DETAIL



6 REQUIRED

DIMENSIONS: 9 IN. x 15 IN. (TYP.)
LEGEND AND BORDER: NON-REFLECTORIZED BLACK
BACKGROUND: NON-REFLECTORIZED WHITE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON.

TYPE AP SHEETING REQUIRED

THE CONTRACTOR SHALL SUPPLY AND MOUNT ONE SIGN AT EACH EXISTING PEDESTRIAN PUSH-BUTTON AND THIS SHALL BE INCLUDED IN THE COST OF PEDESTRIAN SIGNAL HEAD PAY ITEM.

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil\3D\DWG\Design\CADsheets\03XXXX-sht-proposedtrafficsignals.dgn

IMEG Corp. — McClure Engineering Associates

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/1/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 23 AND RAMP A

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

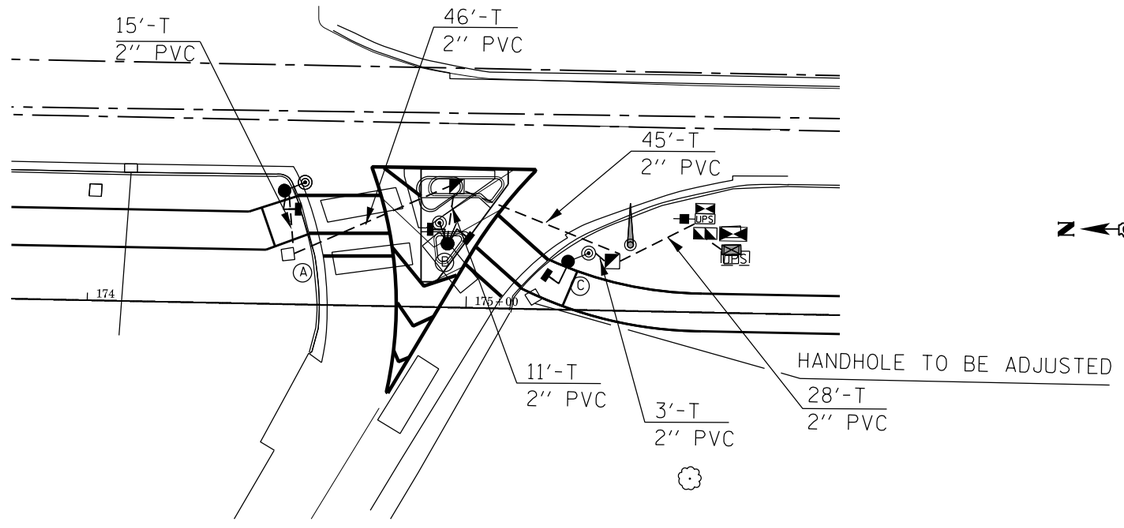
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	41
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

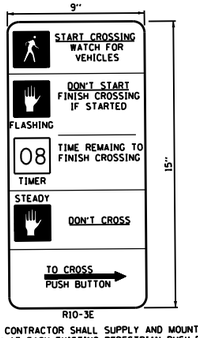
	HANDHOLE
	DOUBLE HANDHOLE
	CONTROLLER AND CABINET
UPS	UNINTERRUPTABLE POWER SUPPLY
	SIGNAL HEAD WITH BACKPLATE
	POWER SERVICE INSTALLATION
	PEDESTRIAN SIGNAL HEAD
	PEDESTRIAN PUSH BUTTON
	SIGNAL POST
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
	CONDUIT: "T" TRENCH, "P" PUSHED
	DETECTOR LOOP, TYPE 1, 6'x6'
	DETECTOR LOOP, TYPE 1, 6'x20'

SCHEDULE OF POLE/MAST ARM ASSEMBLIES

LOCATION	LENGTH	
A	10' SIGNAL	POST
B	10' SIGNAL	POST
C	10' SIGNAL	POST



PEDESTRIAN CROSSING SIGN DETAIL



THE CONTRACTOR SHALL SUPPLY AND MOUNT ONE SIGN AT EACH EXISTING PEDESTRIAN PUSH-BUTTON AND THIS SHALL BE INCLUDED IN THE COST OF PEDESTRIAN SIGNAL HEAD PAY ITEM.

6 REQUIRED

DIMENSIONS: 9 IN. x 15 IN. (TYP.)
LEGEND AND BORDER: NON-REFLECTORIZED BLACK
BACKGROUND: NON-REFLECTORIZED WHITE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON.

TYPE AP SHEETING REQUIRED

IMEG McClure

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/1/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 23 AND RAMP C

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	42
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

TEMPORARY CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE SPAN WIRE MOUNTED TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL AND PEDESTRIAN HEADS, CONDUIT, PUSHBUTTONS, CONTROLLER AND CABINET AND ALL OTHER PERIPHERAL EQUIPMENT.

2. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED IN THE PLANS.

3. ALL TRAFFIC SIGNAL EQUIPMENT SCHEDULED FOR REMOVAL CAN BE USED FOR TEMPORARY TRAFFIC SIGNALS. ANY MAINTENANCE OF THIS EQUIPMENT WHEN USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EQUIPMENT SHALL BE DELIVERED IN GOOD WORKING CONDITION UPON REMOVAL OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.

4. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 3 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.

5. THE PROPOSED VIDEO DETECTION SYSTEM SHALL BE USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL TRANSFER ALL VIDEO DETECTION COMPONENTS TO THE PROPOSED SIGNAL INSTALLATION AND SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF THE EQUIPMENT.

6. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

7. ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300 mm LENSES.

8. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.

9. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.

10. THE SPAN WIRE MOUNTED TEMPORARY SIGNAL HEADS SHALL MAINTAIN AN UNIFORM 5.5 m CLEARANCE OVER THE ROADWAY.

11. ALL SIGNAL HEADS ON AN INDIVIDUAL SPAN WIRE SHALL BE MOUNTED SO THAT THE "RED" INDICATIONS ARE LEVEL WITH EACH OTHER.

12. TEMPORARY WOOD POLES SHALL BE LOCATED A MINIMUM OF 2 METERS FROM THE FACE OF CURB OR A MINIMUM 5.4 METERS FROM THE EDGE OF PAVEMENT WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

13. ALL TEMPORARY WOOD POLES SHALL BE INSTALLED SO THAT A MINIMUM OF 10 METERS OF POLE IS ABOVE THE EXISTING PAVEMENT ELEVATION ADJACENT TO THE POLE. A SUFFICIENT LENGTH OF POLE SHALL BE BURIED AND BACK GUYED TO ALLOW THE INSTALLATION TO WITHSTAND A 70 M.P.H. SUSTAINED WIND LOADING.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE WOOD POLE LOCATIONS BEFORE ORDERING TO DETERMINE IF LONGER POLES ARE REQUIRED.

15. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 3, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.

16. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE FOR STAGING AND AS DIRECTED BY THE ENGINEER. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD. THIS WORK, INCLUDING ALL SIGNAL HEAD RELOCATIONS AS DIRECTED BY THE ENGINEER, SHALL BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.

17. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

18. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

19. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.

20. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
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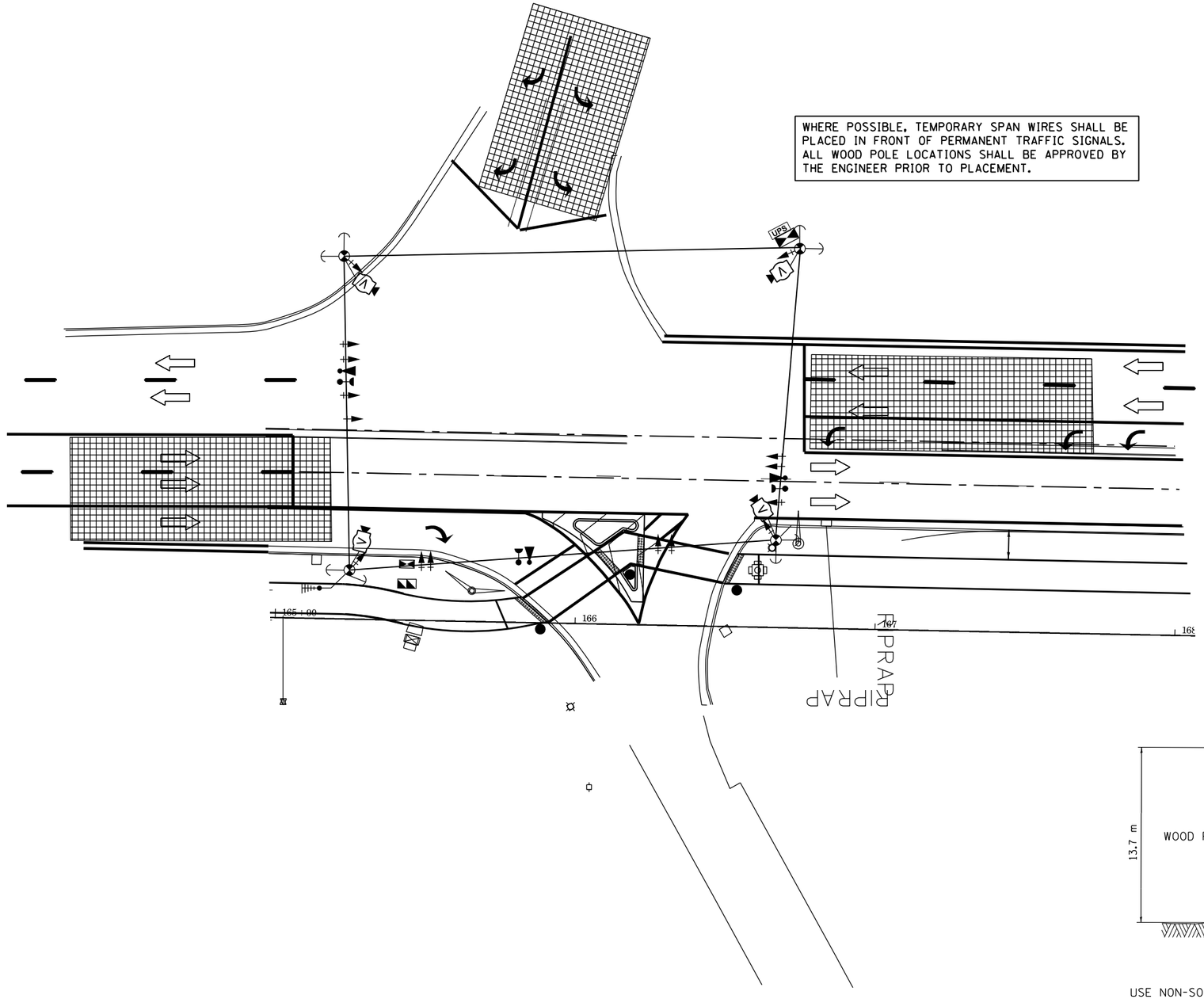
PLOT DATE = 7/1/2019	DATE -	REVISED -	

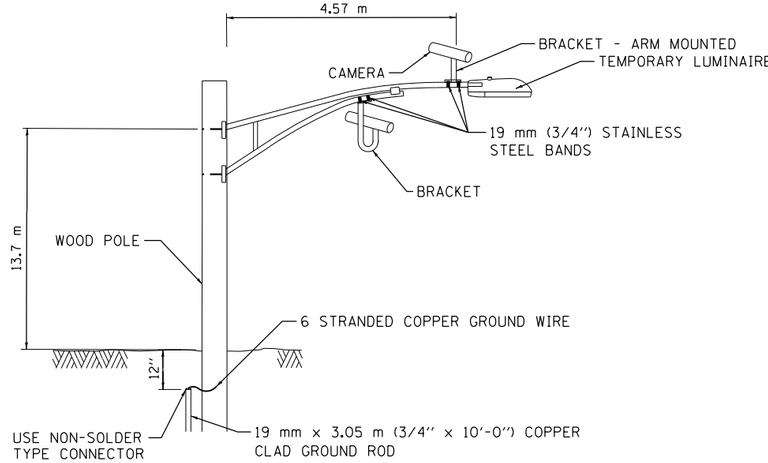
TEMPORARY TRAFFIC SIGNALS
GENERAL NOTES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	42A
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

WHERE POSSIBLE, TEMPORARY SPAN WIRES SHALL BE PLACED IN FRONT OF PERMANENT TRAFFIC SIGNALS. ALL WOOD POLE LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.





VIDEO DETECTION SYSTEM INSTALLATION DETAILS

NOTE: CAMERA CAN BE ROTATED INSIDE THE ENCLOSURE AFTER INSTALLATION TO ALIGN HORIZON AT HORIZONTAL PLANE.

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\03XXXXX-sht-proposedtraffsignals.dgn

IMEG
McClure Engineering

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/1/2019	DATE -	REVISED -

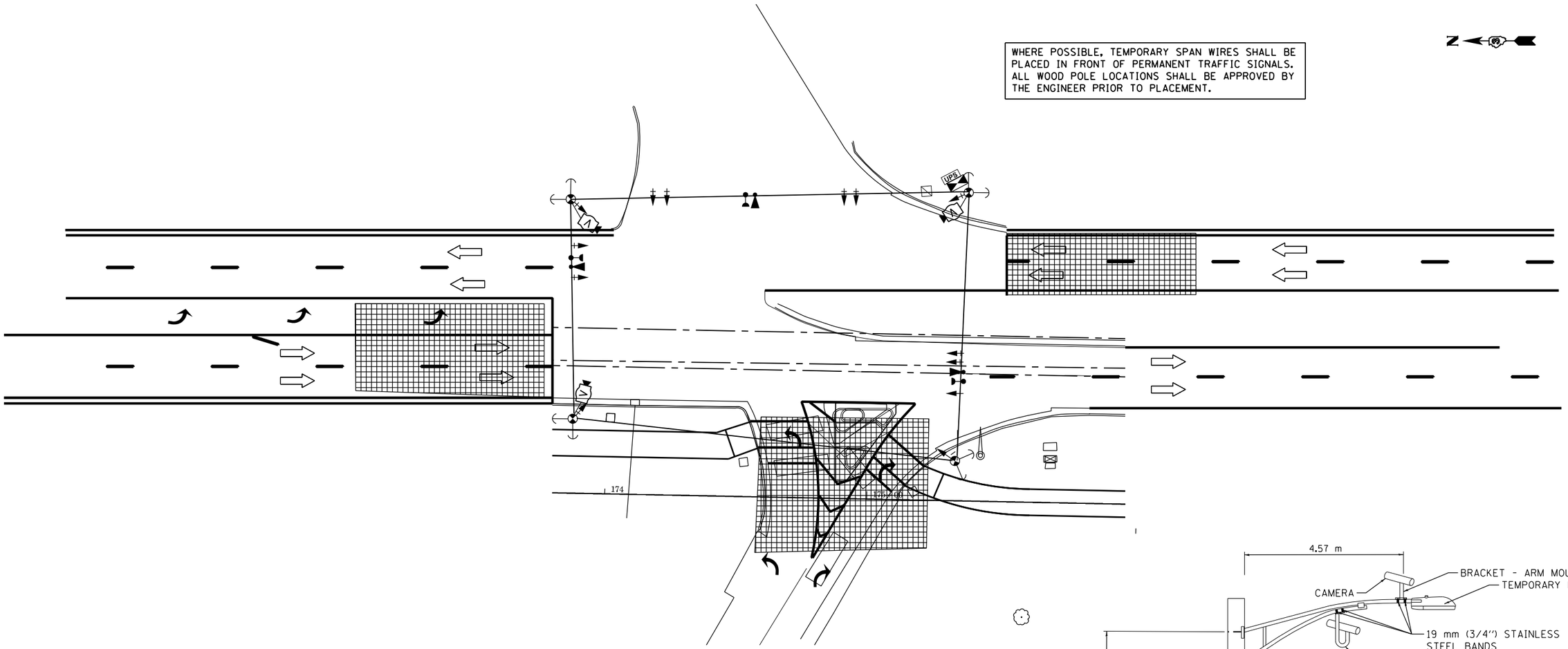
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
IL 23 AND RAMP A

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

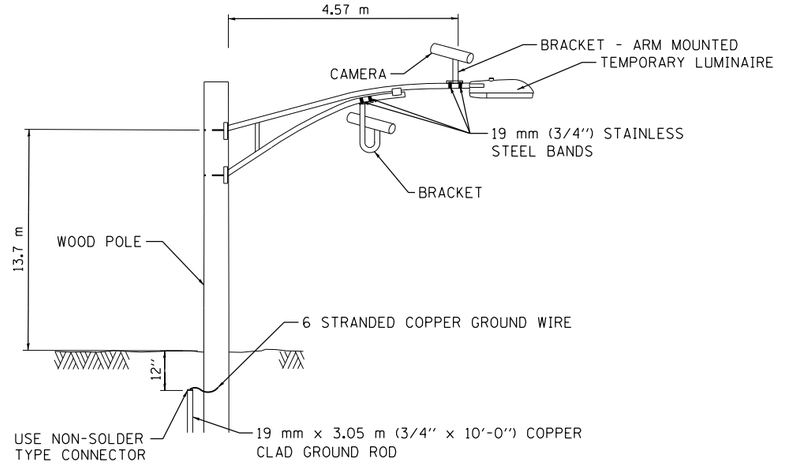
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	42B
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

WHERE POSSIBLE, TEMPORARY SPAN WIRES SHALL BE PLACED IN FRONT OF PERMANENT TRAFFIC SIGNALS. ALL WOOD POLE LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.



TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD
- TEMPORARY TRAFFIC SIGNAL HEAD
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FT MIN.
- TEMPORARY CONTROLLER CABINET
- UPS — TEMPORARY UNINTERRUPTIBLE POWER SUPPLY, EXTENDED
- TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY LUMINAIRE 400W HPS WITH 15' MAST ARM
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- GUY WIRE
- V — VIDEO CAMERA
- RADIO INTERCONNECT ANTENNA
- VIDEO DETECTION ZONE
- TEMPORARY PAVEMENT
- WORK ZONE



VIDEO DETECTION SYSTEM INSTALLATION DETAILS

NOTE: CAMERA CAN BE ROTATED INSIDE THE ENCLOSURE AFTER INSTALLATION TO ALIGN HORIZON AT HORIZONTAL PLANE.

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IMEG Corp. — McClure Engineering Inc.

USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	
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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/1/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
IL 23 AND RAMPS C AND D

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	42C
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY CONTROLLER
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY TRAFFIC SIGNAL HEAD W/ BACKPLATE (R, Y, G)
- DENOTES NUMBER OF CONDUCTORS
- VIDEO DETECTION SYSTEM
- TEMPORARY PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY (C, D)
- TEMPORARY PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT HPS
- LIGHT DETECTOR
- CONFIRMATION BEACON
- TEMPORARY UNINTERRUPTIBLE POWER SUPPLY, EXTENDED (UPS)

(V) **VIDEO CAMERA CABLE**

6 PAIRS, TWISTED REQUIRED

- 3 PAIRS CONDUCTOR FOR POWER - 24V AC (AC+, AC-, GND)
- 1 PAIR DATA
- 1 PAIR COMPOSITE VIDEO
- 1 PAIR DETECTOR DATA

OVERALL SHIELD
MINIMUM 16AWG (PAIRS)
(TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)

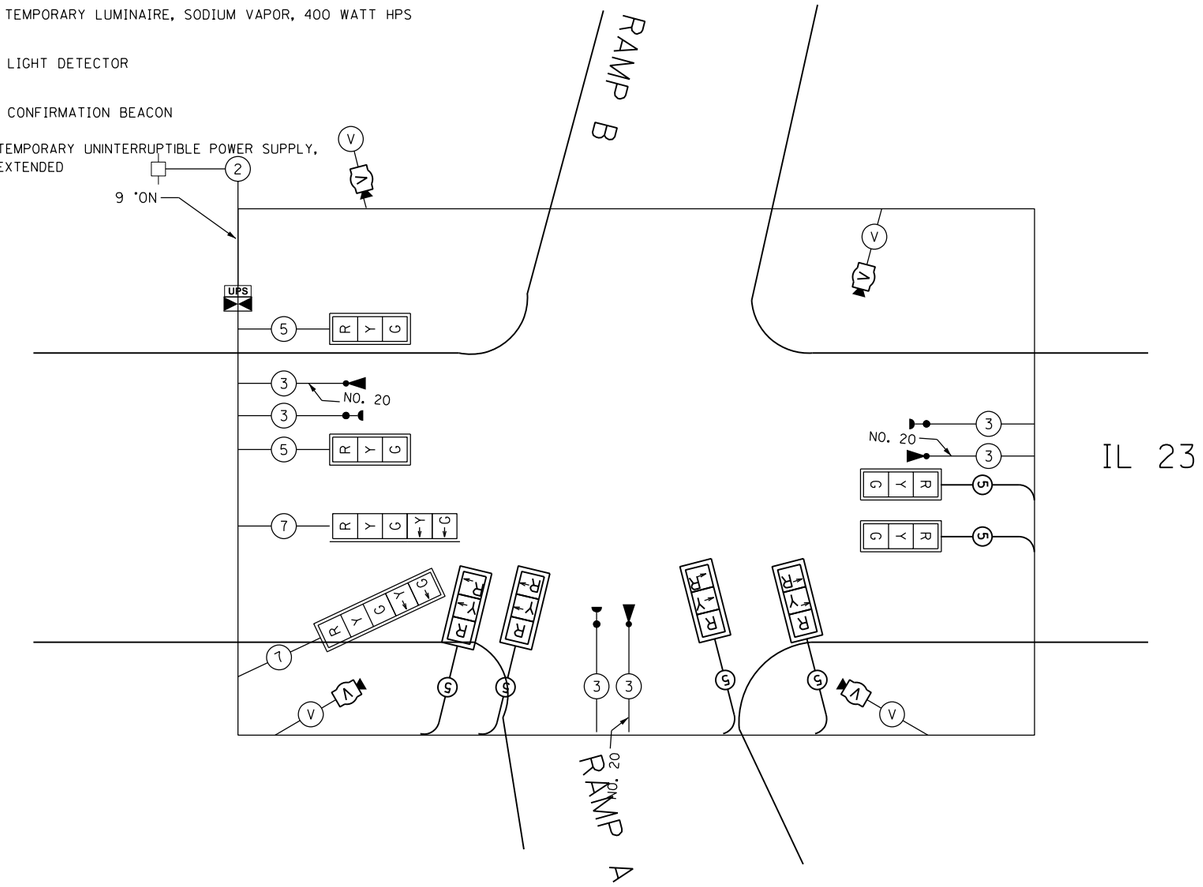
(S) **SERVICE CABLE**

ELECTRIC CABLE IN CONDUIT,

SERVICE, NO.6 2C

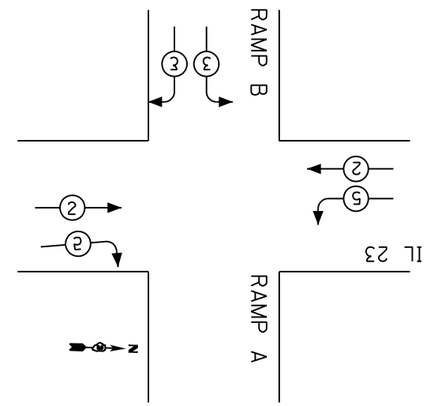
(L) **LIGHTING CABLE**

600V (XLP-TYPE USE) 3 - 1/C NO.10



TEMPORARY CABLE PLAN*

CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

NOTE:
FOR SPLIT PHASE TIMING ON ANY ROAD, THE YELLOW ARROW TIME SHALL BE THE SAME LENGTH OF TIME AS THE YELLOW BALL TIME

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		DRAWN -	REVISED -
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Default	PLOT DATE = 7/1/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN
IL 23 AND RAMPS A AND B

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	42D
		CONTRACT NO. 87703		
	ILLINOIS FED. AID PROJECT			

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY CONTROLLER
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY TRAFFIC SIGNAL HEAD W/ BACKPLATE (R, Y, G)
- DENOTES NUMBER OF CONDUCTORS
- VIDEO DETECTION SYSTEM
- TEMPORARY PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY (C, D)
- TEMPORARY PEDESTRIAN PUSH BUTTON
- TEMPORARY LUMINAIRE, SODIUM VAPOR, 400 WATT HPS
- LIGHT DETECTOR
- CONFIRMATION BEACON
- UPS — TEMPORARY UNINTERRUPTIBLE POWER SUPPLY, EXTENDED

(V) **VIDEO CAMERA CABLE**

6 PAIRS, TWISTED REQUIRED

- 3 PAIRS CONDUCTOR FOR POWER - 24V AC (AC+, AC-, GND)
- 1 PAIR DATA
- 1 PAIR COMPOSITE VIDEO
- 1 PAIR DETECTOR DATA

OVERALL SHIELD
MINIMUM 16AWG (PAIRS)
(TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)

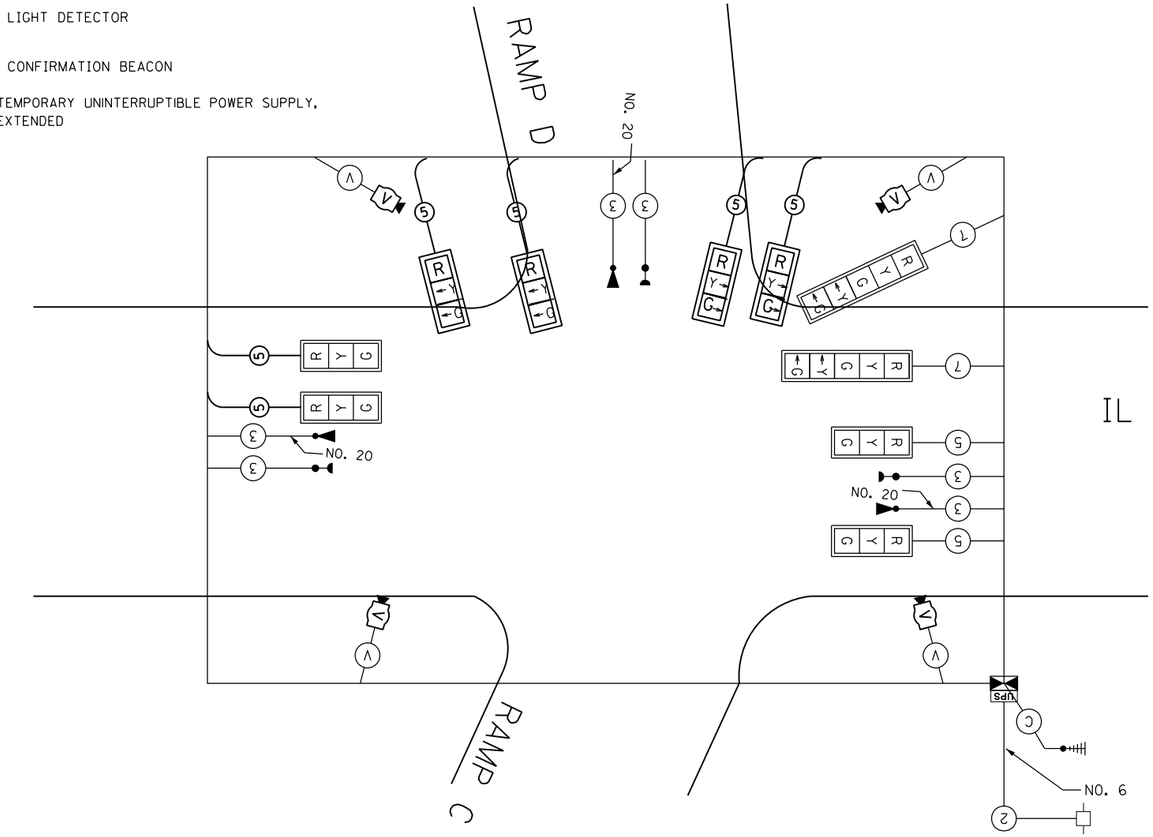
(S) **SERVICE CABLE**

ELECTRIC CABLE IN CONDUIT,

SERVICE, NO.6 2C

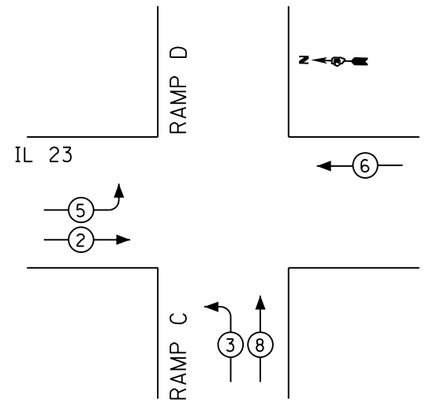
(L) **LIGHTING CABLE**

600V (XLP-TYPE USE) 3 - 1/C NO.10



TEMPORARY CABLE PLAN*

CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

NOTE:
FOR SPLIT PHASE TIMING ON ANY ROAD, THE YELLOW ARROW TIME SHALL BE THE SAME LENGTH OF TIME AS THE YELLOW BALL TIME

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	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 7/1/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN
IL 23 AND RAMPS C AND D

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

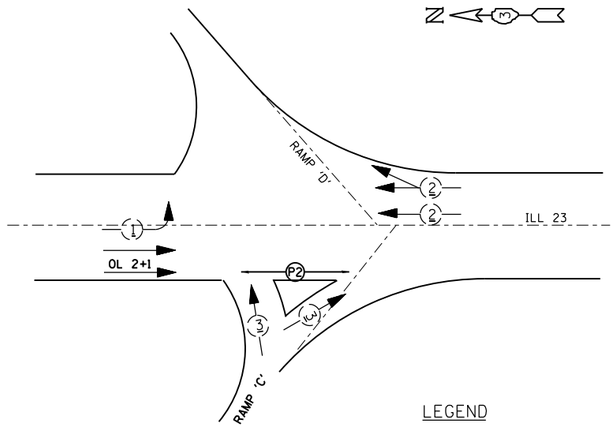
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	42E
		CONTRACT NO. 87703		
		ILLINOIS FED. AID PROJECT		

CONTROLLER SEQUENCE

NAME OF INTERSECTION: RAMPS C & D WITH ILL. RT. 23

CONTROLLER SPECIFIED: FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE II, 3 PHASES, IN TYPE IV CABINET

REFERRING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.
(SHOW MOVEMENTS AND PHASE NUMBERS)



LEGEND

- VEHICULAR MOVEMENT
- Px PEDESTRIAN PHASE NO. x
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

DESCRIPTION-SOUTH RAMP, RAMP D	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE C	EACH	1
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	136
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	332
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	321
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	321
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	3
CONCRETE FOUNDATION, TYPE A	FOOT	9
CONCRETE FOUNDATION, TYPE C	FOOT	3
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
PEDESTRIAN PUSH-BUTTON	EACH	3
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
HANDHOLE TO BE ADJUSTED	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TEMORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
LOOP DETECTOR TESTING	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1 EACH

A. THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF OTTAWA

1 EACH CONTROLLER AND CABINET COMPLETE (NORTH RAMP, STA 175+70, 16' LT)

B. THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY, IF IT IS NOT BEING USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

1 EACH CONCRETE FOUNDATION
1 EACH SERVICE INSTALLATION
ALL WIRES AND CABLES

ELECTRIC LOAD CHART

ILLINOIS ROUTE 23

INDICATION	NUMBER	WATTAGE EACH	BURN TIME %
RED	10	9	50
YELLOW	10	11	5
GREEN	5	10	45
YELLOW ARROW	2	6	5
GREEN ARROW	7	6	5
PERSON	4	10	10
HAND	4	11	90

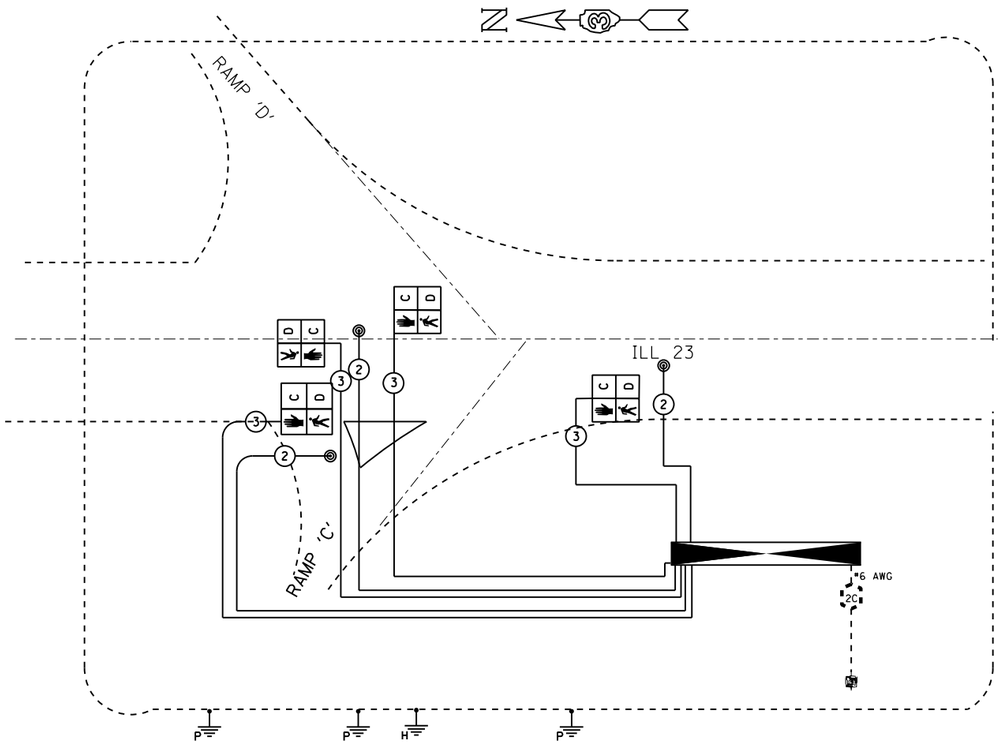
I-80 NORTH RAMP

RED	10	9	50
YELLOW	10	11	5
GREEN	5	10	45
YELLOW ARROW	2	6	5
GREEN ARROW	7	6	5
PERSON	4	10	10
HAND	4	11	90

TRAFFIC SIGNAL CABINET

ITEM	NUMBER	WATTAGE EACH	BURN TIME %
CONTROLLER	1	6	100
INDUCTIVE LOOP DETECTOR	5	8	100

CABLE PLAN



PROPOSED CABLE DIAGRAM LEGEND

- CONTROLLER AND CABINET
- UPS UNINTERRUPTABLE POWER SUPPLY
- SERVICE INSTALLATION
- DENOTES NUMBER OF CONDUCTORS
- C / D PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
- LUMINAIRE, SODIUM VAPOR, 400 WATT
- PEDESTRIAN PUSH BUTTON
- DETECTOR LOOP
- H GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- P GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
- S GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- C GROUND ROD AT CONTROLLER

EXISTING CABLE PLAN LEGEND

- •NUMBER OF CONDUCTORS
- EXISTING CABLE NUMBER •=CABLE NUMBER
- PROPOSED CABLE NUMBER •=CABLE NUMBER
- Y LEFT TURN YELLOW
- G LEFT TURN GREEN
- 8" SIGNAL SECTION
- 12" SIGNAL SECTION
- VEHICLE PEDESTRIAN MOVEMENT TERMINATOR
- DW / W WALK/DON'T WALK SECTION
- TRAFFIC SIGNAL BACKPLATE
- CONTROLLER CABINET
- SERVICE INSTALLATION
- VEHICLE DETECTOR, INDUCTION LOOP
- PUSHBUTTON DETECTOR
- B EXISTING SIGNAL SECTION
- MAGNETIC DETECTOR
- OPTICAL DETECTOR

PEDESTRIAN SIGNAL DETAILS
AT RAMPS C & D
ILL ROUUTE 23
OVER F.A.I. ROUTE 80
STA.175+00

USER NAME = Patrick.C.Braboy	DESIGNED - _____	REVISED - _____	
	DRAWN - _____	REVISED - _____	
PLOT SCALE = 100.000 ' / in.	CHECKED - _____	REVISED - _____	
PLOT DATE = 7/8/2019	DATE - _____	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN IL 23
RAMPS C AND D

SCALE: _____ SHEET __ OF __ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	43
		CONTRACT NO. 87706		
		ILLINOIS	FED. AID PROJECT	

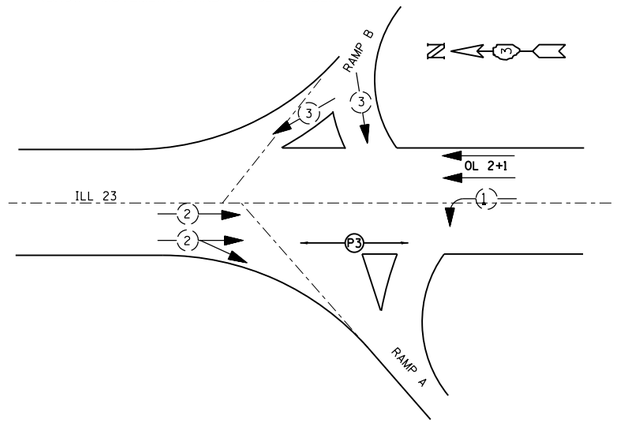
MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-Signal Proposed Cable.dgn

CONTROLLER SEQUENCE ___

NAME OF INTERSECTION: RAMPS A & B WITH ILL. RT. 23

CONTROLLER SPECIFIED: FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE II, 3 PHASES, IN TYPE IV CABINET

REFERRING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.
(SHOW MOVEMENTS AND PHASE NUMBERS)



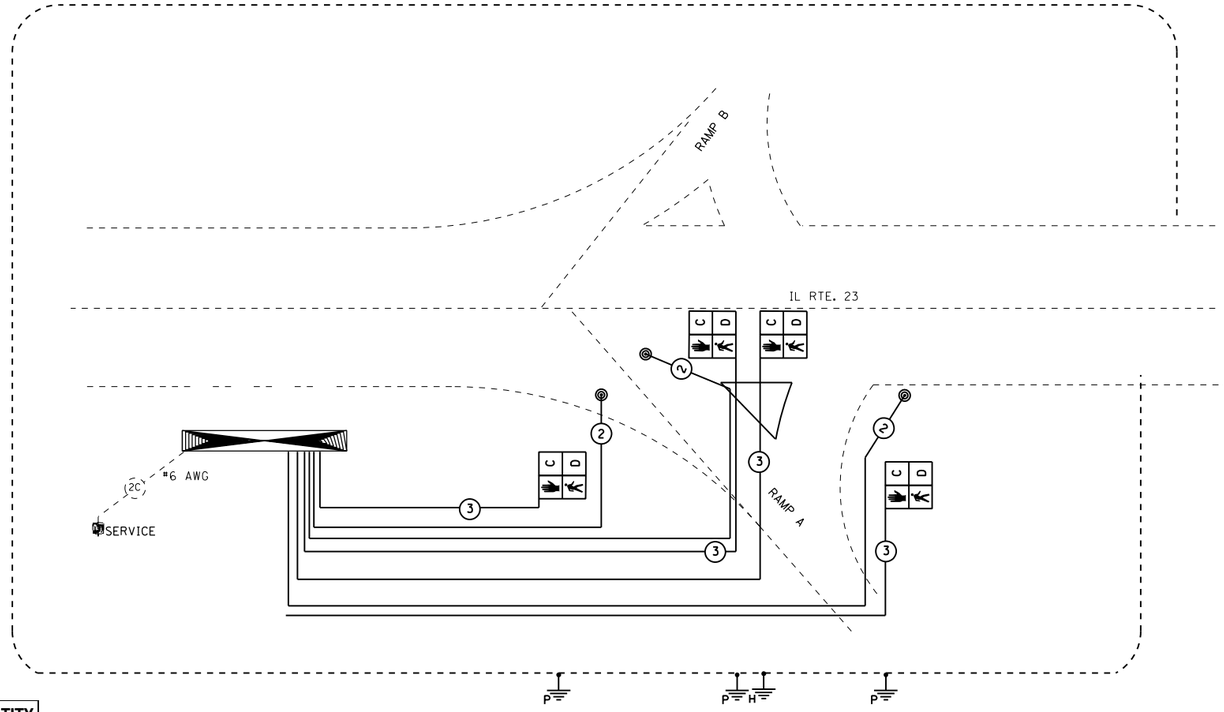
LEGEND

VEHICULAR MOVEMENT

PEDESTRIAN PHASE NO. x

* NUMBER REFERS TO ASSOCIATED PHASE

CABLE PLAN



ELECTRIC LOAD CHART

ILLINOIS ROUTE 23

INDICATION	NUMBER	WATTAGE EACH	BURN TIME %
RED	10	9	50
YELLOW	10	11	5
GREEN	5	10	45
YELLOW ARROW	2	6	5
GREEN ARROW	7	6	5
PERSON	4	10	10
HAND	4	11	90

I-80 SOUTH RAMP

RED	10	9	50
YELLOW	10	11	5
GREEN	5	10	45
YELLOW ARROW	2	6	5
GREEN ARROW	7	6	5
PERSON	4	10	10
HAND	4	11	90

TRAFFIC SIGNAL CABINET

ITEM	NUMBER	WATTAGE EACH	BURN TIME %
CONTROLLER	1	6	100
INDUCTIVE LOOP DETECTOR	5	8	100

PHASE DESIGNATION DIAGRAM

DESCRIPTION-NORTH RAMP, RAMP B	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE C	EACH	1
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	82
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	171
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	171
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	171
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	3
CONCRETE FOUNDATION, TYPE A	FOOT	9
CONCRETE FOUNDATION, TYPE C	FOOT	3
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
PEDESTRIAN PUSH-BUTTON	EACH	3
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
HANDHOLE TO BE ADJUSTED	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1

PROPOSED CABLE DIAGRAM LEGEND

- CONTROLLER AND CABINET
- UPS — UNINTERRUPTABLE POWER SUPPLY
- SERVICE INSTALLATION
- DENOTES NUMBER OF CONDUCTORS
- C / D — PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
- LUMINAIRE, SODIUM VAPOR, 400 WATT
- PEDESTRIAN PUSH BUTTON
- DETECTOR LOOP
- H — GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- P — GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
- S — GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- C — GROUND ROD AT CONTROLLER

EXISTING CABLE PLAN LEGEND

- •NUMBER OF CONDUCTORS
- EXISTING CABLE NUMBER •=CABLE NUMBER
- PROPOSED CABLE NUMBER •=CABLE NUMBER
- Y — LEFT TURN YELLOW
- G — LEFT TURN GREEN
- 8" SIGNAL SECTION
- 12" SIGNAL SECTION
- VEHICLE PEDESTRIAN MOVEMENT TERMINATOR
- DW / W — WALK/DON'T WALK SECTION
- TRAFFIC SIGNAL BACKPLATE
- CONTROLLER CABINET
- SERVICE INSTALLATION
- VEHICLE DETECTOR, INDUCTION LOOP
- PUSHBUTTON DETECTOR
- R — EXISTING SIGNAL SECTION
- MAGNETIC DETECTOR
- OPTICAL DETECTOR

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1 EACH

A. THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF OTTAWA

1 EACH CONTROLLER AND CABINET COMPLETE (NORTH RAMP, STA 165+47, 5' RT)

B. THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY, IF IT IS NOT BEING USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

1 EACH CONCRETE FOUNDATION
1 EACH SERVICE INSTALLATION
ALL WIRES AND CABLES

ILLINOIS DEPARTMENT OF TRANSPORTATION

PEDESTRIAN SIGNAL DETAILS
AT RAMPS A & B
ILL ROUUTE 23
OVER F.A.I. ROUTE 80
STA.166+00

USER NAME = Patrick.C.Braboy	DESIGNED - _____	REVISED - _____	
	DRAWN - _____	REVISED - _____	
PLOT SCALE = 100.000 ' / in.	CHECKED - _____	REVISED - _____	
PLOT DATE = 7/8/2019	DATE - _____	REVISED - _____	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN IL 23
RAMPS A AND B

SCALE: _____ SHEET __ OF __ SHEETS STA. _____ TO STA. _____

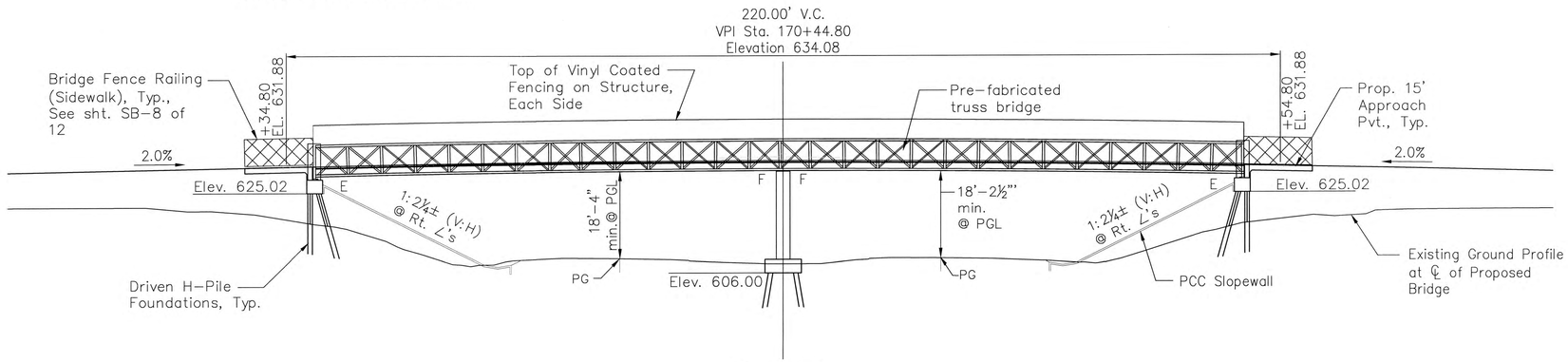
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	44
		CONTRACT NO. 87706		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil 3D\DWG\Designs\CAD\sheets\D13XXXXX-sht-Signal Proposed Cable.dgn

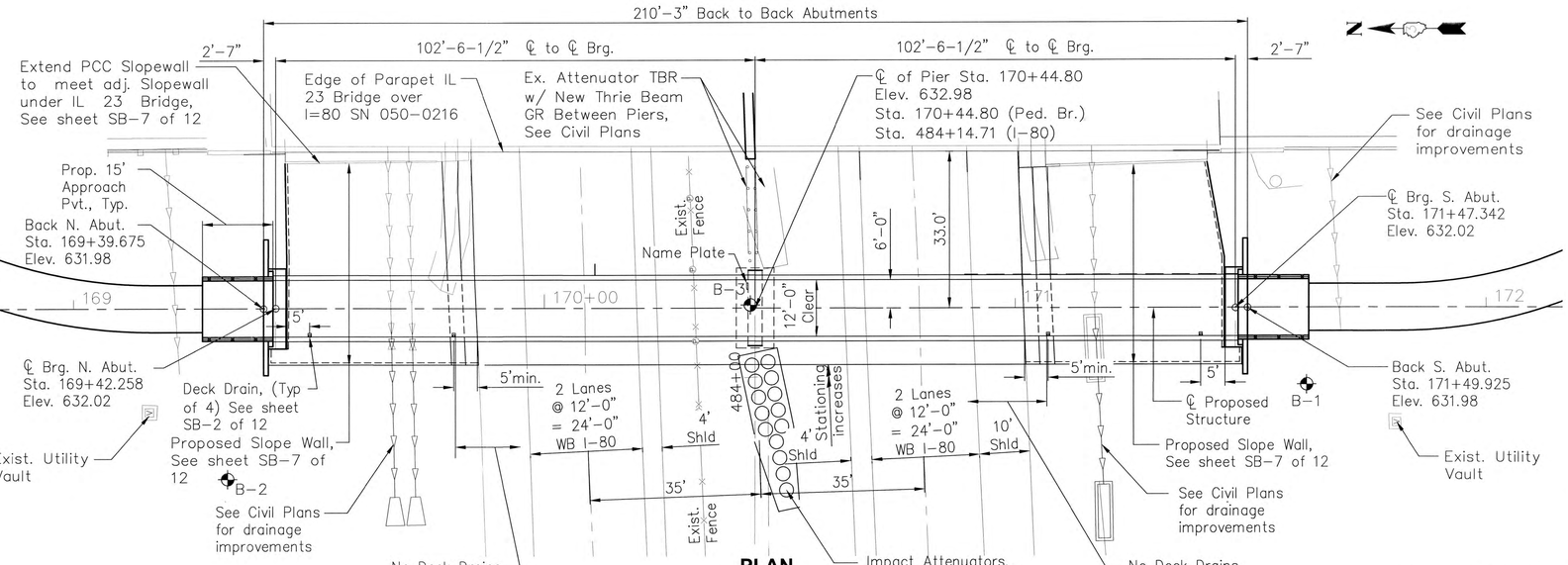
Benchmark: Chiseled Square with "X" in concrete median south of Route 23 roadway bridge. Sta. 172+00.38, 33.6' LT. O/S Elev. 632.60

Existing Structure: None. Temporary lane closures will be utilized on I-80 during Construction. Traffic will be detoured onto ramps during the erection of structure. See Roadway plans for additional Maintenance of Traffic Details.

Proposed Structure: Two-span pre-fabricated steel H-section truss with cast-in-place concrete deck atop single pier with stub abutments. Truss finish will be weathering steel.



ELEVATION
Not to Scale



PLAN
Not to Scale

INDEX OF BRIDGE SHEETS

SB-1.	GENERAL PLAN AND ELEVATION
SB-2.	GENERAL NOTES, DETAILS AND TOTAL BILL OF MATERIAL
SB-3.	BRIDGE APPROACH SLAB DETAILS
SB-4.	NORTH ABUTMENT DETAILS
SB-5.	SOUTH ABUTMENT DETAILS
SB-6.	PIER DETAILS
SB-7.	SLOPE WALL PLAN AND DETAILS
SB-8.	APPROACH FENCE DETAILS
SB-9.	STEEL PILE DETAILS
SB-10.	BORING LOGS
SB-11.	BORING LOGS
SB-12	BORING LOGS

DESIGN STRESSES
FIELD UNITS f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (AASHTO M270W Gr. 50)

SEISMIC DATA
Seismic Performance Zone (SPZ) = 1 Design Spectral Acceleration at 1.0 sec. (SD1) = 0.070 Design Spectral Acceleration at 0.2 sec. (SDS) = 0.125
Soil Site Class = C

DESIGN SPECIFICATIONS
2009 AASHTO LRFD Guide Specifications for Design of Pedestrian Bridges
2017 AASHTO
LRFD Bridge Design Specifications, 8th Edition

LOADING
Uniform Live Loading = 90 psf
Vehicle Load = H-10 Load

STATION 170+44.80
BUILT 20__ BY
STATE OF ILLINOIS
FAP 68; SEC 17-00168-00-BR
LOADING H-10
STR. NO. 050-7404

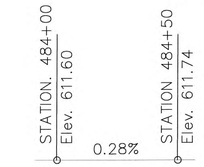
LETTERING FOR NAME PLATE

APPROVED
FOR STRUCTURAL ADEQUACY ONLY

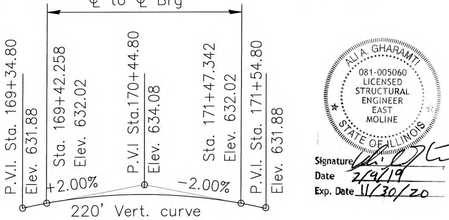
Engineer of Bridges and Structures

F.A.I. - 80 CURVE DATA
P.I. STATION = 466+73.90
Δ = 36° 16' 55" (RT)
D = 1° 00' 02"
R = 5,726.55'
T = 1,876.26'
L = 3,626.28'
E = 299.54'
P.C. Sta. = 447+97.64
P.T. Sta. = 484+23.91

PROFILE GRADE LINE
(Along PGL WB I-80)

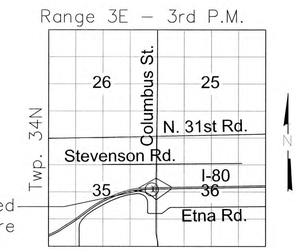


PROFILE GRADE LINE
(Along PGL EB I-80)



PROFILE GRADE

ALI A. GHARAMTI
081-005060
LICENSED STRUCTURAL ENGINEER
EAST MOLINE
STATE OF ILLINOIS
Signature
Date 2/9/19
Exp. Date 11/30/20



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

IMEG
1100 COLUMBUS STREET OTTAWA, IL 61350
PH: 815.433.0990 www.imegcorp.com
McClure Engineering Associates, Inc.

	DESIGNED - Dave Hall, P.E.	REVISED -
	DRAWN - Tim Branch	REVISED -
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S. | SHEET SB-1 OF 12 SHEETS

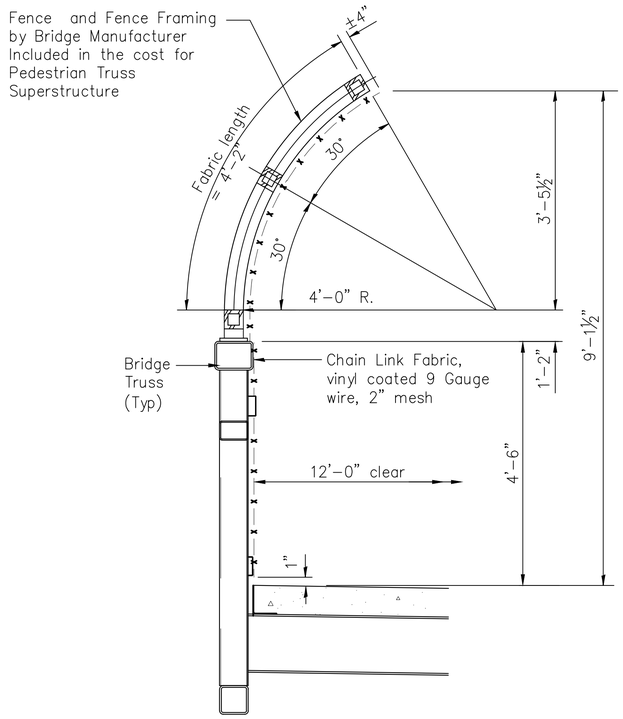
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	45	89
	CONTRACT NO. 87706		
ILLINOIS			

GENERAL NOTES

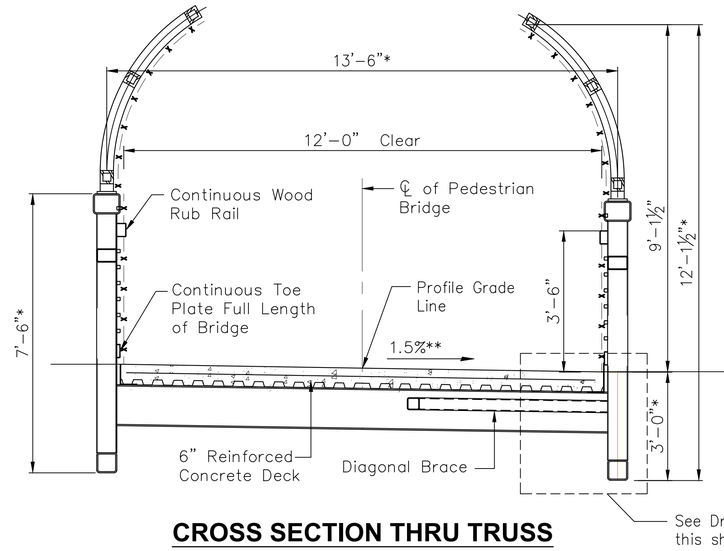
1. Reinforcement bars designated (E) shall be epoxy coated.
2. Fasteners shall be ASTM A325 Type 1 mechanically galvanized bolts. Bolts ¾"ø, holes ⅞"ø, unless otherwise noted.
3. No field welding is permitted except as specified in the contract documents.
4. Concrete Sealer shall be applied to the designated areas:
   Abutments – inside face of backwall, top of bridge seat, and front face of abutment
   Pier – top of bridge seat and the entire exposed surface of pier wall.
5. The prefabricated pedestrian truss shall not be painted.
6. Protective Coat shall be applied to the top surface of the Pedestrian Truss Bridge Concrete Deck and the Concrete Approach Slabs in accordance with Article 503.19 of the Standard Specifications. Protective Coat applied to the Bridge Deck will not be measured for payment but shall be considered as included in the Contract Price for Pedestrian Truss Superstructure. Measurement and Payment for Protective Coat applied to the Approach Slabs shall be in accordance with Articles 503.21 & 503.22.
6. Pedestrian Truss Superstructure shall be paid for per sq. ft. Measurement shall be from back to back of abutments x 12'–0" clear width.

TRUSS MANUFACTURER

1. The substructure is designed per AASHTO LRFD and based on the assumed truss dead loads (including deck) shown below:
   a. Total factored superstructure dead load of each abutment = 65,000 pounds (1.0 DC).
   b. Total factored superstructure dead load of center pier = 230,000 pounds (1.0 DC).
2. Truss manufacturer shall camber the truss as necessary to provide allowance for dead load deflection.
3. Bridge bearing seat elevations are subject to revision based on the approved pedestrian truss superstructure shop drawings. Contractor shall verify all dimensions and elevations with final approved shop drawings.
4. Truss manufacturer shall provide the reinforced concrete deck design. Concrete deck to utilize stay–in–place galvanized forms. Reinforcement shall be epoxy coated. Contractor shall place the concrete deck after truss is set. Cost included with Pedestrian Truss Superstructure.



TYPICAL FENCE DETAIL

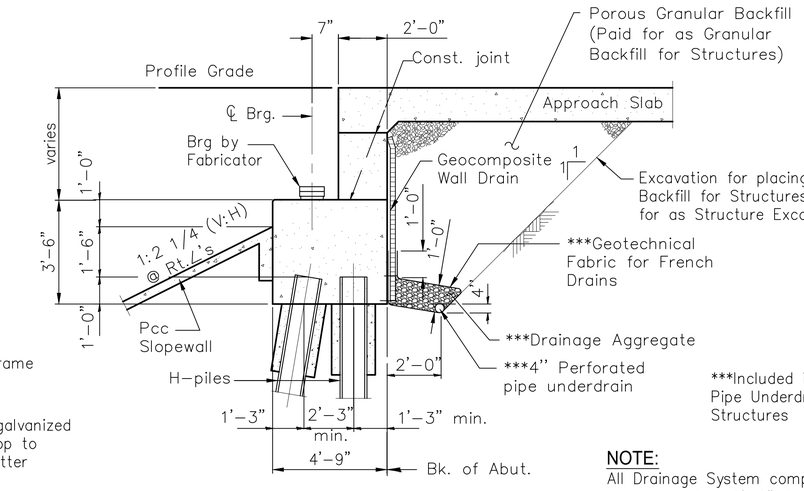


*Dimension to be refined by truss manufacturer

**Bridge supplier shall provide drainage such that no water shall drain onto I–80

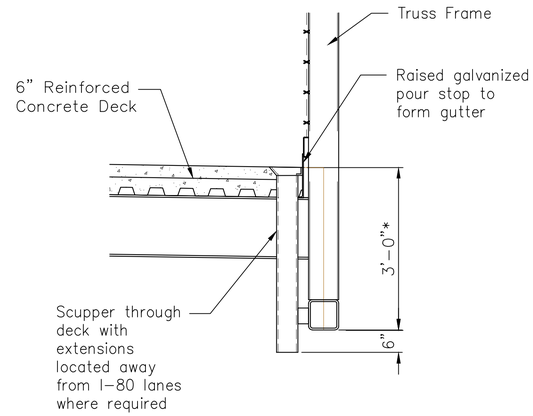
Truss Supplier shall provide joint covers over all open joints between span units and at abutments (Typ. 3 locations) Cost included with Pedestrian Truss Superstructure.

CROSS SECTION THRU TRUSS (Looking South)



***Included in cost of Pipe Underdrains for Structures

SECTION THRU PILE SUPPORTED STUB ABUTMENT



DRAIN DETAIL

NOTE:
All Drainage System components shall extend to 2'–0" from the end of the wingwall except an outlet pipe shall extend until it intersects the side slopes. The pipe shall drain into concrete headwalls. (see Article 601.05 of the Standard Specifications and Highway Standard 601101).

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu Yd		183.5	183.5
Concrete Structures	Cu Yd	3.8	84.0	87.8
Concrete Superstructure (Approach Slab)	Cu Yd		12.2	12.2
Protective Coat	Sq Yd		48.4	48.4
Reinforcement Bars (Epoxy Coated)	Pound	3,090.0	15,720.0	18,810.0
Slope Wall, 4"	Sq Yd		432.4	432.4
Name Plates	Each		1.0	1.0
Furnishing Steel Piles HP 10x42	Foot		476.0	476.0
Driving Piles	Foot		476.0	476.0
Test Pile Steel HP 10x42	Each		1.0	1.0
Pile Shoes	Each		18.0	18.0
Bridge Fence Railing (Sidewalk)	Foot	57.0		57.0
Concrete Sealer	Sq Ft		1,026.0	1,026.0
Geocomposite Wall Drain	Sq Yd		31.4	31.4
Pedestrian Truss Superstructure	Sq Ft	2,523.0		2,523.0
Granular Backfill for Structures	Cu Yd		62.0	62.0
Pipe Underdrains for Structures, 4"	Foot		62.0	62.0
Concrete Headwalls for Pipe Drains	Each		2.0	2.0

GENERAL NOTES, DETAILS AND TOTAL BILL OF MATERIAL
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

MODEL: $MODELNAME$
FILE NAME: $FILE$

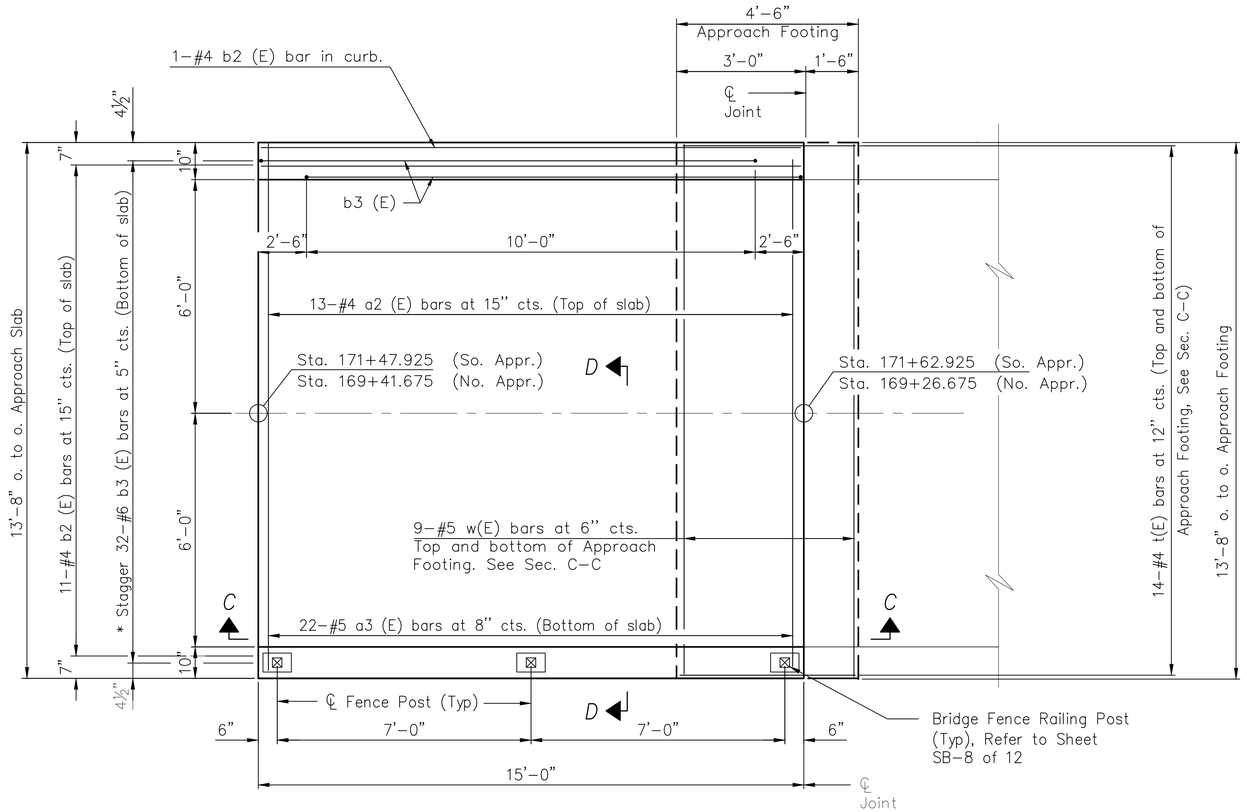
IMEG
1106 COLUMBUS STREET
OTTAWA, IL 61350
PH: 815.433.2080
www.imegcorp.com
McClure Engineering Associates, Inc.

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

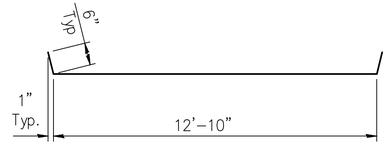
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S. | SHEET SB-2 OF 12 SHEETS

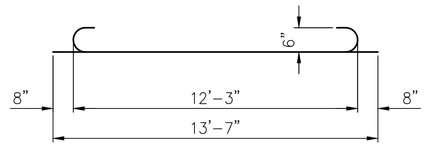
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	46	89
	CONTRACT NO. 87706		
ILLINOIS			



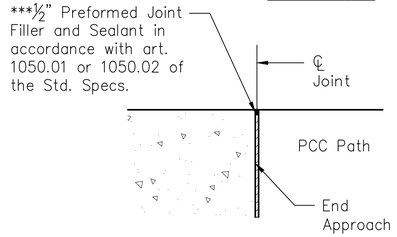
PLAN



BAR a2 (E)



BAR b3 (E)

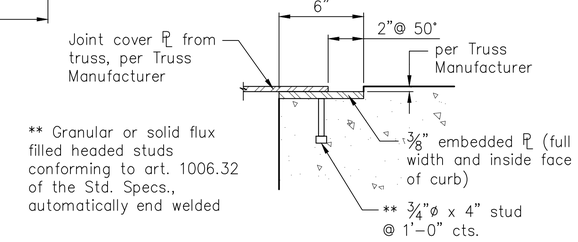


DETAIL A

TWO APPROACHES
BILL OF MATERIAL

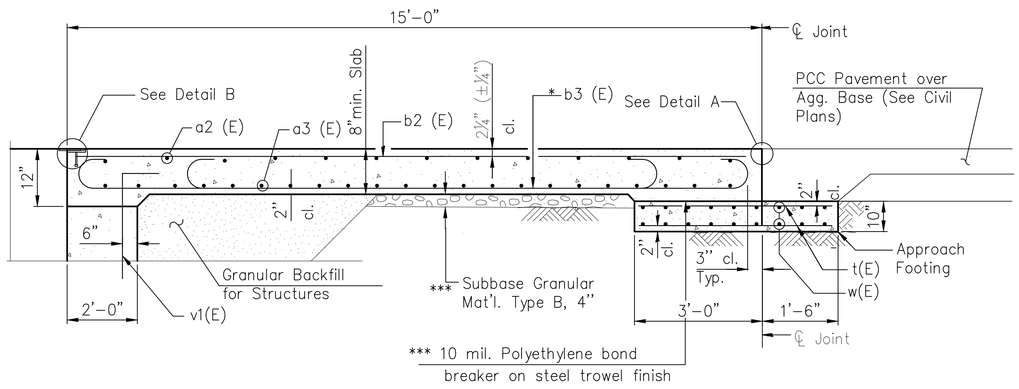
Bar	No.	Size	Length	Shape
a2(E)	26	#4	13'-10"	
a3(E)	44	#5	13'-4"	
b2(E)	26	#4	14'-8"	
b3(E)	64	#6	13'-7"	
t(E)	56	#4	4'-2"	
w(E)	36	#5	13'-4"	
Protective Coat			Sq.. Yd.	48.4
Concrete Superstructure (Approach Slab)			Cu. Yd.	12.2
Concrete Structures			Cu. Yd.	3.8
Reinforcement Bars, Epoxy Coated			Pound	3,070

* Tilt #6 b3 (E) bars as required to maintain clearance.
*** Cost included with Concrete Superstructure.

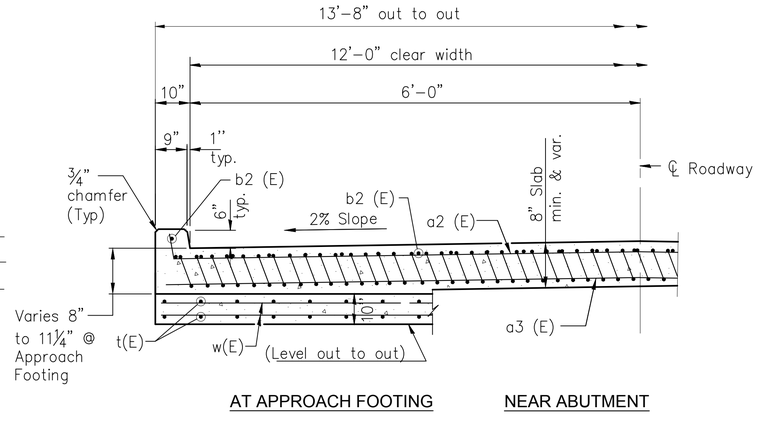


DETAIL B

NOTES:
1. Cost of embedded plates and studs included with Concrete Superstructure (Approach Slab).
2. Provide one stud in each curb.
3. The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications



SECTION C-C



AT APPROACH FOOTING NEAR ABUTMENT

SECTION D-D - (Looking North)
(See Plan for dimensions not shown)

NOTES:
1. Approach slab concrete shall be paid for as Concrete Superstructure (Approach Slab).
2. Approach footing concrete shall be paid for as Concrete Structures.
3. For v(E) bar details, see sheet SB-4 or SB-5 of 12.
4. The approach footing maximum applied service bearing pressure (Qmax) = 1.5 ksf.
5. Cost of excavation for approach footing included with Concrete Structures.
6. For Granular Backfill for Structures and drainage treatment details, see sheet SB-2 of 12.

APPROACH SLAB DETAILS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

MODEL: $MODELNAME$
FILE NAME: $FILE$

IMEG
1126 COLUMBUS STREET
OTTAWA, IL 61350
PH: 815.433.2060
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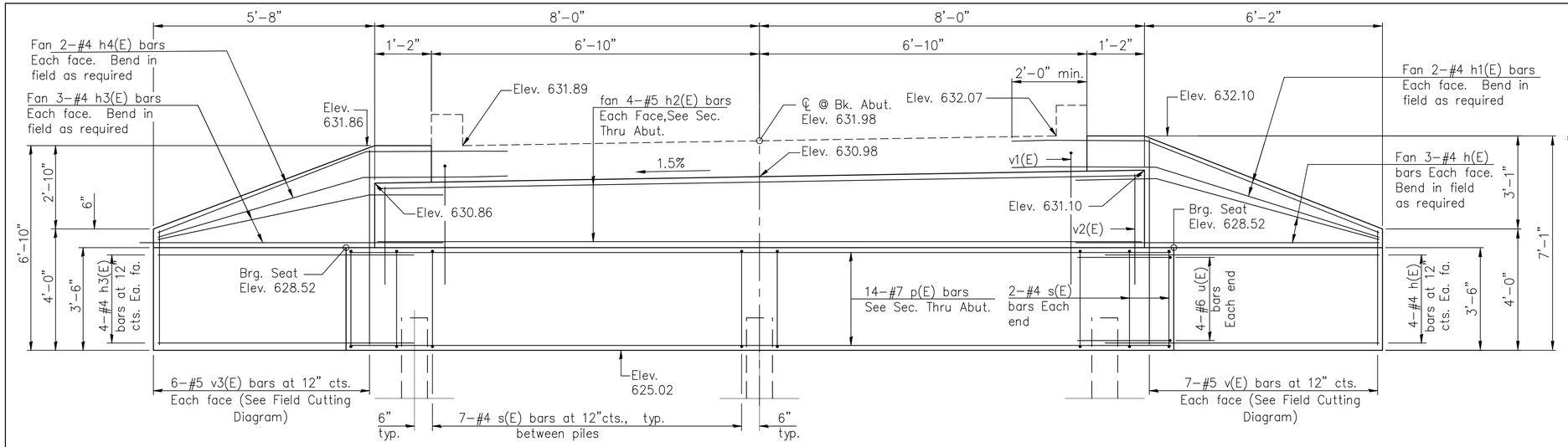
McClure Engineering Associates, P.C.

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

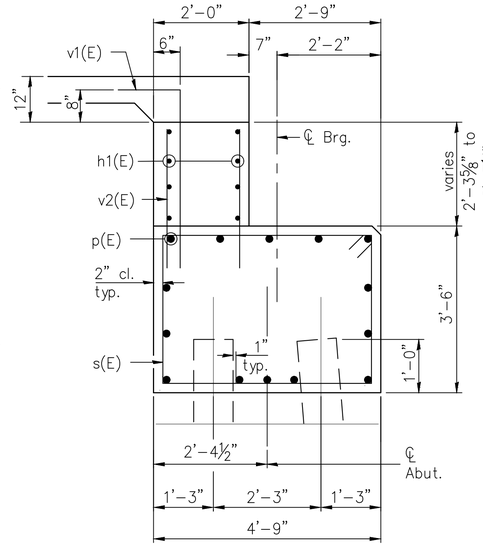
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S. SHEET SB-3 OF 12 SHEETS

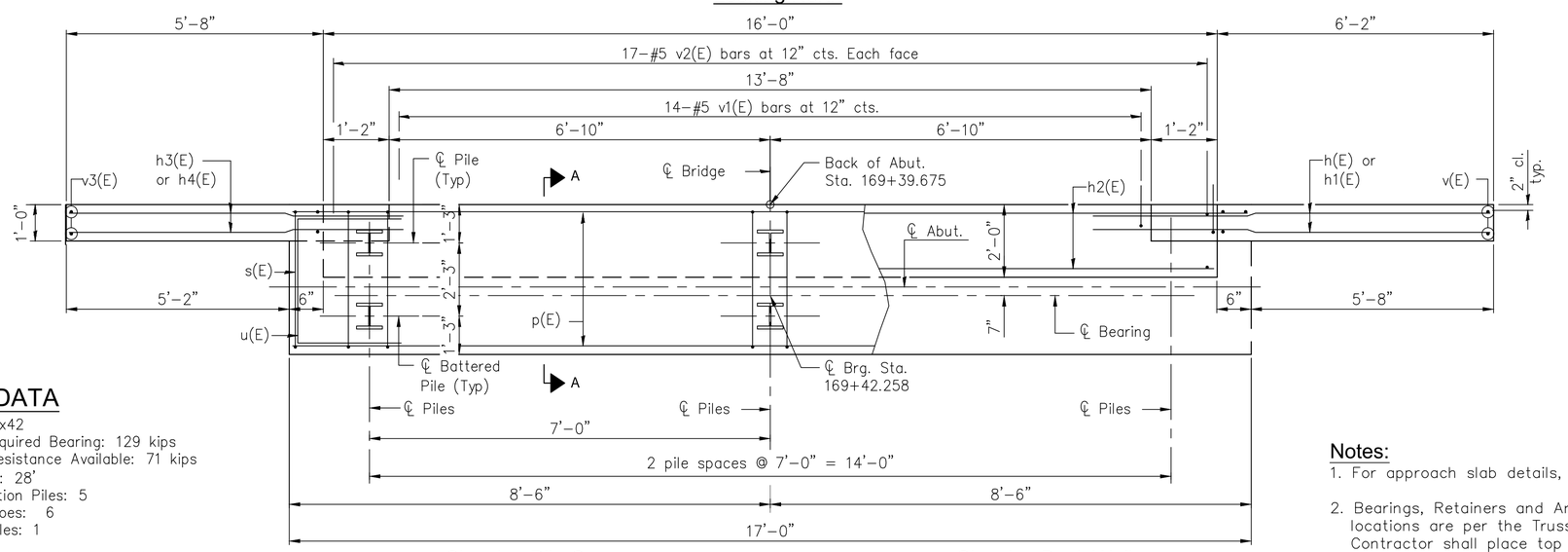
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	47	89
	CONTRACT NO. 87706		
ILLINOIS			



ELEVATION
Looking North



SECTION A-A



Showing Pile Cap

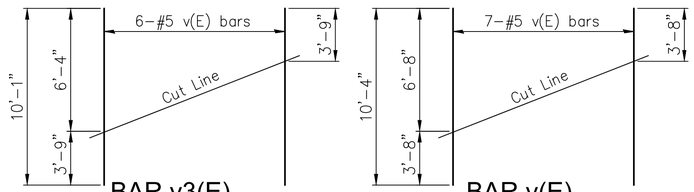
Showing Back Wall

PLAN

PILE DATA

Type: HP10x42
Nominal Required Bearing: 129 kips
Factored Resistance Available: 71 kips
Est. Length: 28'
No. Production Piles: 5
No. Pile Shoes: 6
No. Test Piles: 1

(Test Pile can be driven at either North or South Abutment)

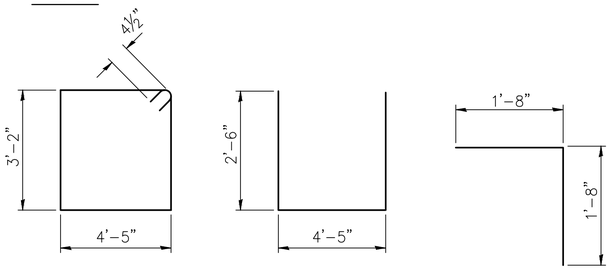


BAR v3(E)

BAR v(E)

FIELD CUTTING DIAGRAMS

Order v(E) & v3(E) bars full length. Cut as shown and use remainder of bars in opposite face.



BAR s(E)

BAR u(E)

BAR v1(E)

BILL OF MATERIAL
North Abutment

Bar	No.	Size	Length	Shape
h(E)	14	#4	8'–0"	
h1(E)	4	#5	9'–2"	
h2(E)	8	#5	15'–8"	
h3(E)	14	#5	7'–6"	
h4(E)	4	#5	8'–8"	
p(E)	14	#7	16'–8"	
s(E)	18	#4	15'–11"	
u(E)	8	#6	9'–5"	
v(E)	7	#5	10'–4"	
v1(E)	14	#5	3'–4"	
v2(E)	34	#5	3'–6"	
v3(E)	6	#5	10'–1"	

Structure Excavation	Cu. Yd.	57.8
Concrete Structures	Cu. Yd.	15.8
Reinforcement Bars, Epoxy Coated	Pound	1490
Furnishing Steel Piles – HP10X42	Foot	140
Driving Piles	Foot	140
Test Pile Steel HP 10x42,	Each	1
Pile Shoes,	Each	6
Granular Backfill for Structures	Cu. Yd.	31.0
Concrete Sealer	Sq. Ft.	128

Notes:

1. For approach slab details, see sheet SB–3 of 12.
2. Bearings, Retainers and Anchor bolt design and locations are per the Truss Manufacturer. The Contractor shall place top cap reinforcement to miss anchor bolt location. Cost of Bearings, Retainers and Anchor Bolts included in cost of Pedestrian Truss Superstructure.
3. E.F. denotes each face.
4. Concrete sealer shall be applied to the back wall, bearing seat and the exposed portion of the pile cap.
5. For details of piles, see sheet SB–9 of 12.

NORTH ABUTMENT DETAILS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

IMEG
1106 COLUMBUS STREET OTTAWA, IL 61350
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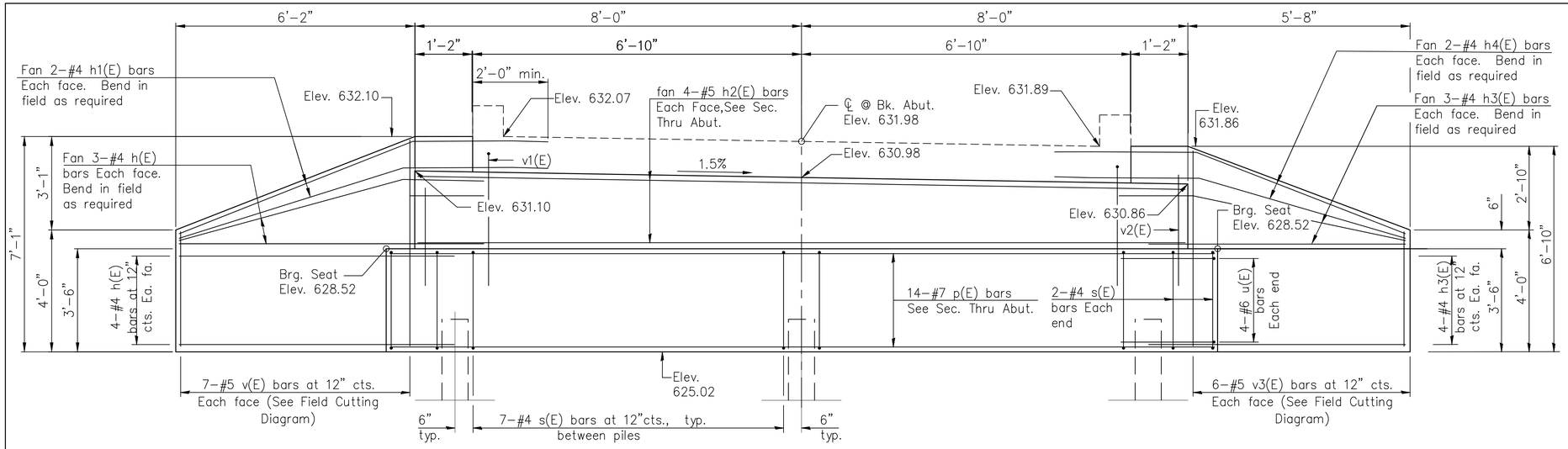
McClure Engineering Associates, Inc.

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

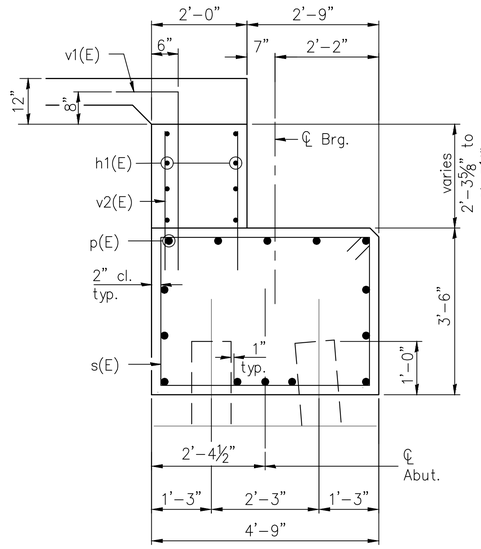
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S. | SHEET SB-4 OF 12 SHEETS

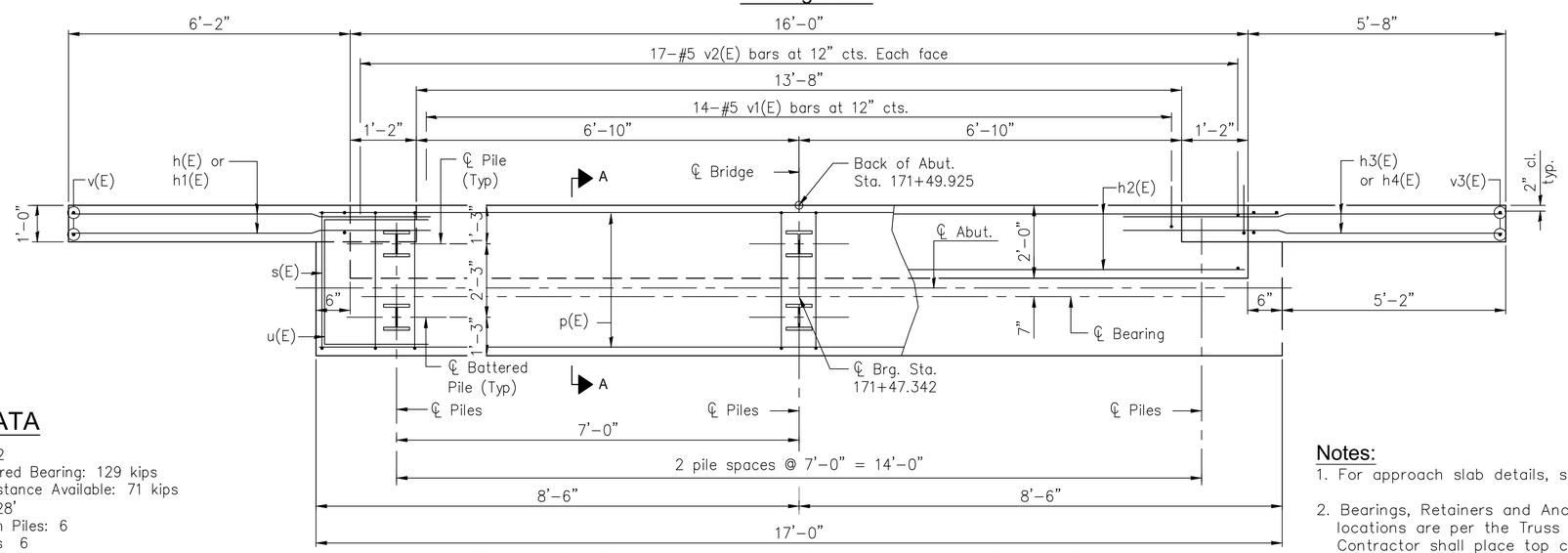
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	48	89
	CONTRACT NO. 87706		
ILLINOIS			



ELEVATION
Looking South



SECTION A-A

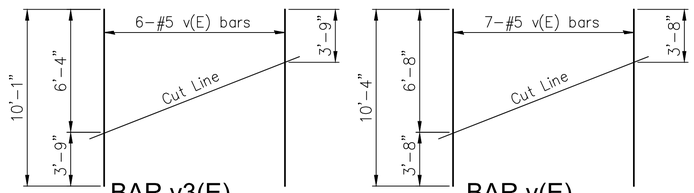


Showing Pile Cap

Showing Back Wall

PILE DATA

Type: HP10x42
Nominal Required Bearing: 129 kips
Factored Resistance Available: 71 kips
Est. Length: 28'
No. Production Piles: 6
No. Pile Shoes 6

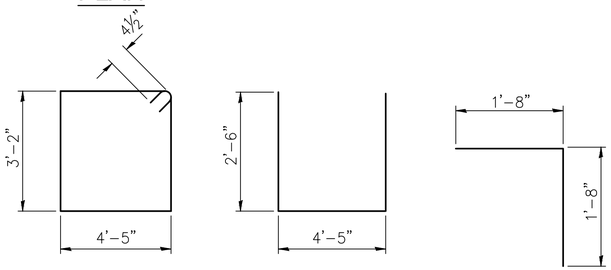


BAR v3(E) BAR v(E)

FIELD CUTTING DIAGRAMS

Order v(E) & v3(E) bars full length. Cut as shown and use remainder of bars in opposite face.

PLAN



BAR s(E) BAR u(E) BAR v1(E)

BILL OF MATERIAL
South Abutment

Bar	No.	Size	Length	Shape
h(E)	14	#4	8'-0"	———
h1(E)	4	#5	9'-2"	———
h2(E)	8	#5	15'-8"	———
h3(E)	14	#5	7'-6"	———
h4(E)	4	#5	8'-8"	———
p(E)	14	#7	16'-8"	———
s(E)	18	#4	15'-11"	□
u(E)	8	#6	9'-5"	⊐
v(E)	7	#5	10'-4"	———
v1(E)	14	#5	3'-4"	⌐
v2(E)	34	#5	3'-6"	———
v3(E)	6	#5	10'-1"	———

Structure Excavation	Cu. Yd.	57.8
Concrete Structures	Cu. Yd.	15.8
Reinforcement Bars, Epoxy Coated	Pound	1490
Furnishing Steel Piles – HP10X42	Foot	168
Driving Piles	Foot	168
Pile Shoes	Each	6
Granular Backfill for Structures	Cu. Yd.	31.0
Concrete Sealer	Sq. Ft.	128

Notes:

1. For approach slab details, see sheet SB-3 of 12.
2. Bearings, Retainers and Anchor bolt design and locations are per the Truss Manufacturer. The Contractor shall place top cap reinforcement to miss anchor bolt location. Cost of Bearings, Retainers and Anchor Bolts included in cost of Pedestrian Truss Superstructure.
3. E.F. denotes each face.
4. Concrete sealer shall be applied to the back wall, bearing seat and the exposed portion of the pile cap.
5. For details of piles, see sheet SB-9 of 12.

SOUTH ABUTMENT DETAILS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

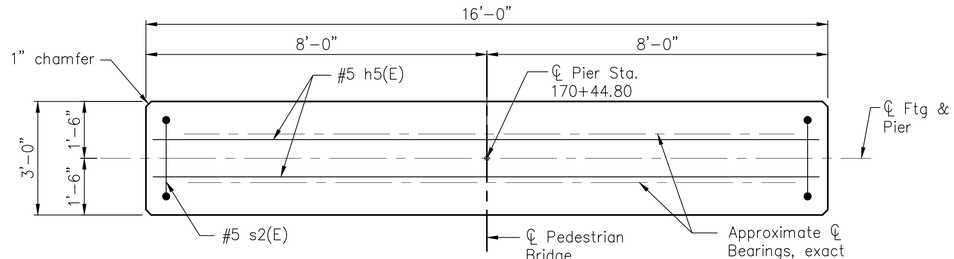
IMEG
1106 COLUMBUS STREET OTTAWA, IL 61350
PH: 815.433.2080
www.imegcorp.com
Prepared by: McClure Engineering Associates, Inc.

	DESIGNED - Dave Hall, P.E.	REVISED -
	DRAWN - Tim Branch	REVISED -
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -

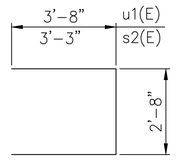
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S. | SHEET SB-5 OF 12 SHEETS

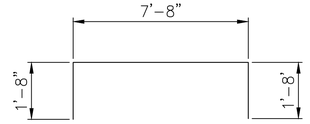
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	49	89
	CONTRACT NO. 87706		
ILLINOIS			

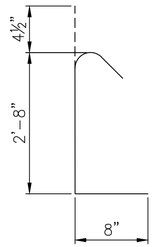


TOP PLAN

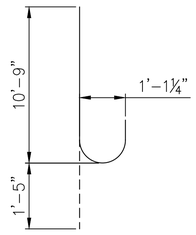


BARS u1(E) & s2(E)





BAR s1(E)

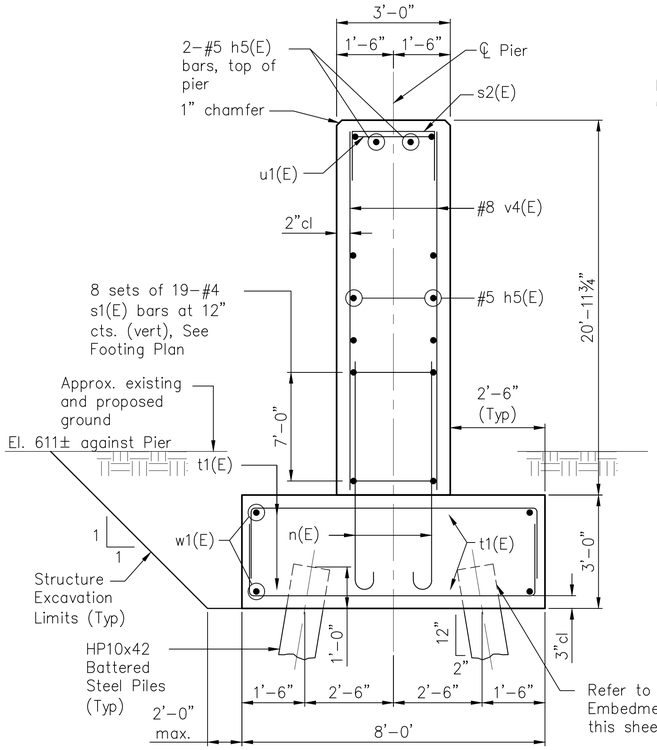


BARS n(E)

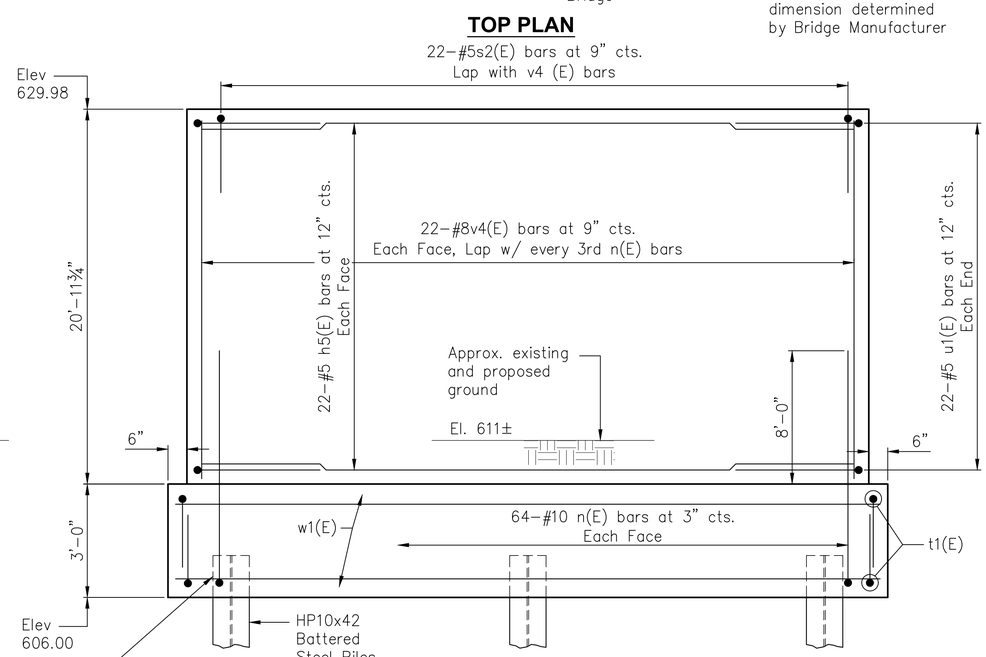
BARS t1(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h5 (E)	44	#5	15'-8"	
n (E)	128	#10	12'-2"	
s1 (E)	152	#4	3'-9"	
s2 (E)	22	#5	9'-2"	
t1 (E)	68	#7	11'-0"	
u1 (E)	44	#5	10'-0"	
v4 (E)	44	#8	20'-8"	
w1 (E)	18	#5	16'-8"	
Structure Excavation			Cu.Yd.	67.9
Concrete Structures			Cu.Yd.	52.4
Reinforcement Bars Epoxy Coated			Pound	12,740
Furnishing Steel Piles HP10x42			Foot	168
Driving Piles			Foot	168
Pile Shoes			Each	6
Concrete Sealer			Sq. Ft.	770



END VIEW

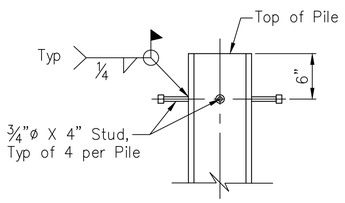


ELEVATION

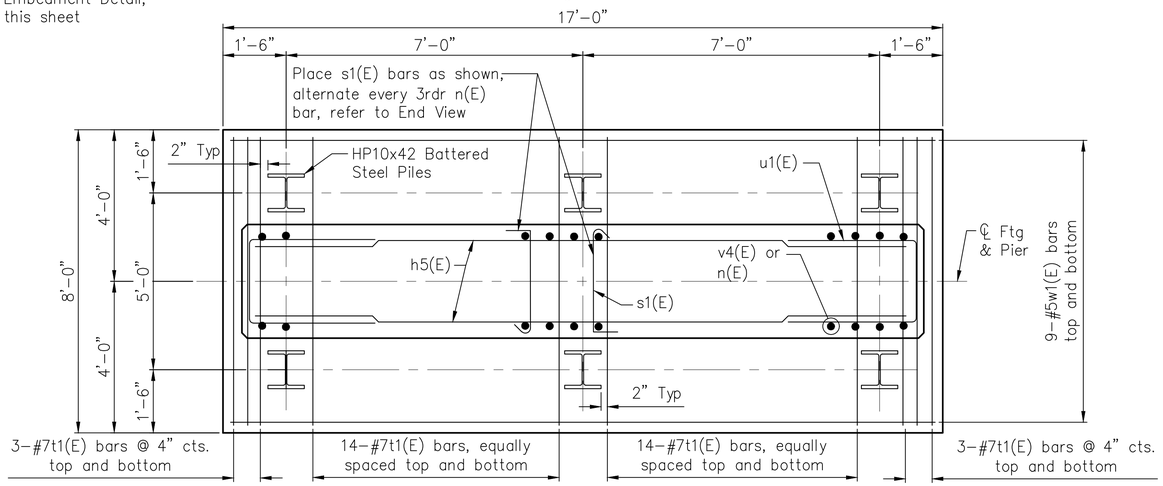
Looking South

PILE DATA

Type: HP10x42
Nominal Required Bearing: 152 kips
Factored Resistance Available: 84 kips
Est. Length: 28'
No. Production Piles: 6
No. Pile Shoes: 6



PILE EMBEDMENT DETAIL



FOOTING PLAN

NOTES:

1. Bearings, Retainers and Anchor bolt design and locations are per the Truss Manufacturer. The Contractor shall place top cap reinforcement to miss anchor bolt location. Cost of Bearings, Retainers and Anchor Bolts included in cost of Pedestrian Truss Superstructure.
2. Final Truss centerline of bearing and anchor bolt sizes, embedment and layout to be determined by the Truss Manufacturer. Pre-engineered Truss shop drawings shall be approved prior to pier construction. Contractor shall verify all dimensions and elevations with final approved shop drawings. See Special Provisions.
3. Concrete sealer shall be applied to all exposed surfaces of the pier.
4. Chamfer all exposed edges 1" (Typ).
5. For details of piles, see sheet SB-9 of 12.

PIER DETAILS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

MODEL: $MODELNAME$
FILE NAME: $FILE$

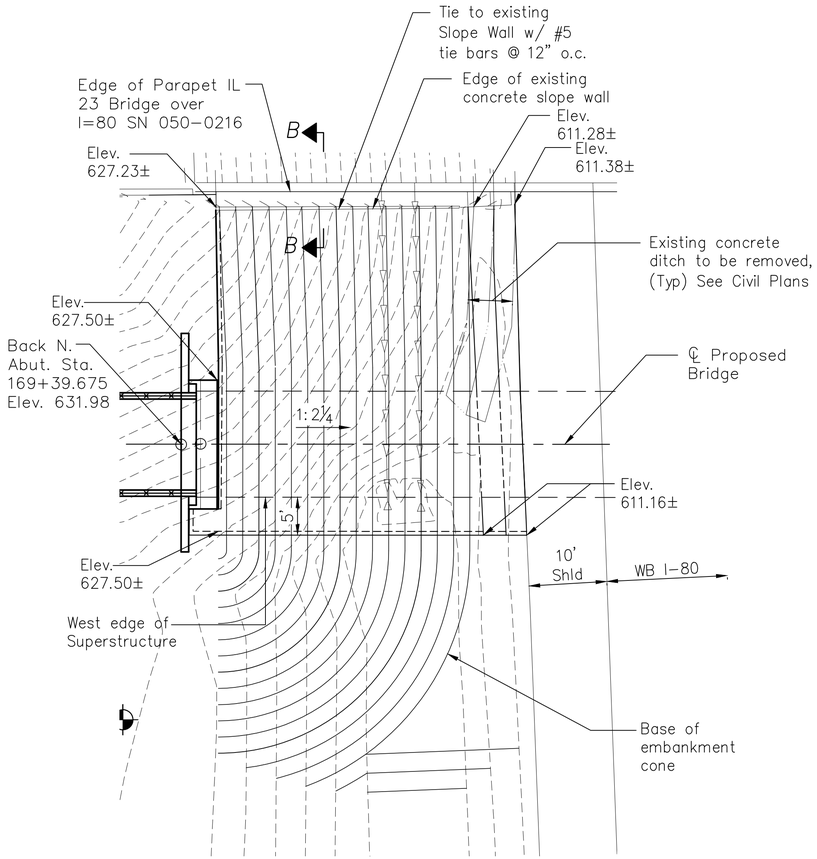
IMEG
1106 COLUMBUS STREET
OTTAWA, IL 61350
PH: 815.433.0990
www.imegcorp.com
STRUCTURAL
McClure Engineering Associates, Inc.

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

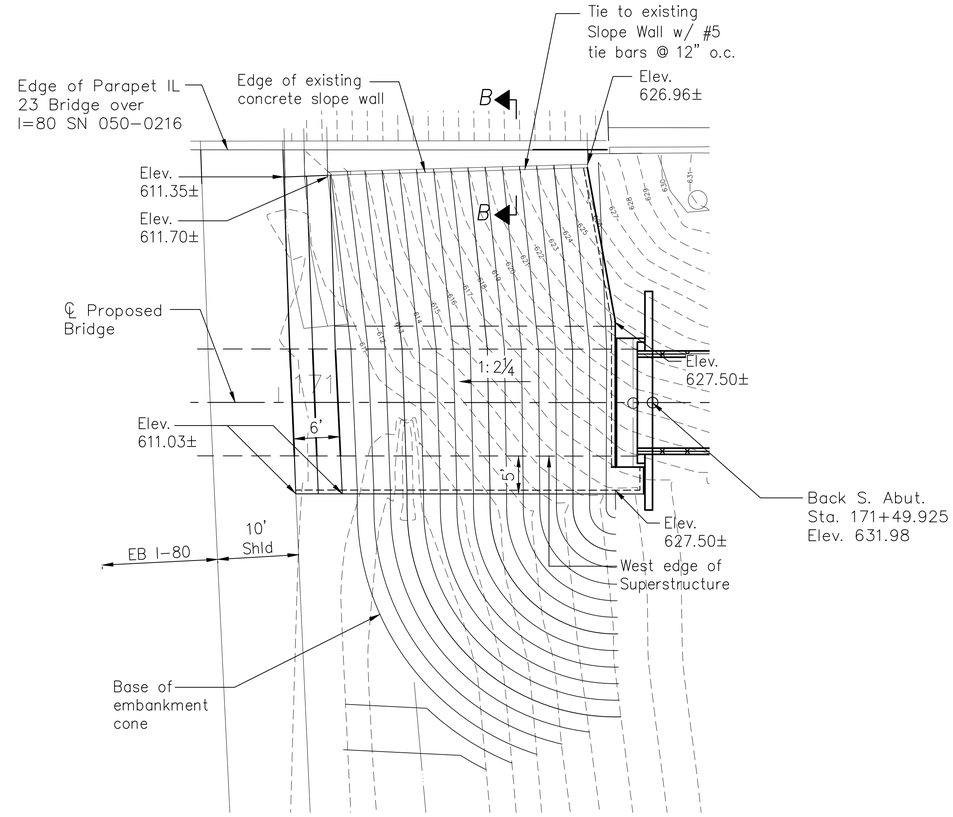
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S. | SHEET SB-6 OF 12 SHEETS

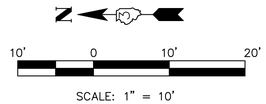
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	50	89
	CONTRACT NO. 87706		
ILLINOIS			

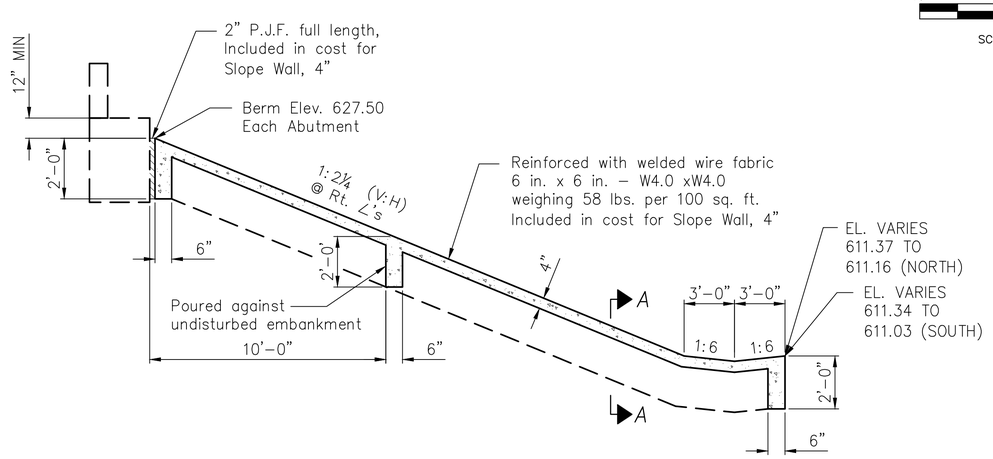


NORTH SLOPE WALL PLAN

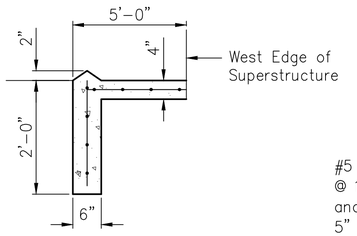


SOUTH SLOPE WALL PLAN

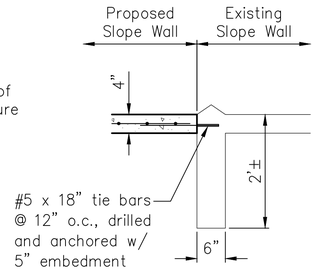




SECTION THRU SLOPE WALL



SECTION A-A



SECTION B-B

BILL OF MATERIAL

Item	Unit	Quantity
North Slope Wall	Sq. Yd.	211.7
South Slope Wall	Sq. Yd.	220.7
Slope Wall, 4"	Sq. Yd.	432.4

NOTE:
Furnishing and installing tie bars will not be paid for separately but shall be included in the cost for Concrete Slope Wall, 4"

SLOPE WALL PLAN AND DETAILS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

MODEL: $MODELNAME$
FILE NAME: $FILE$

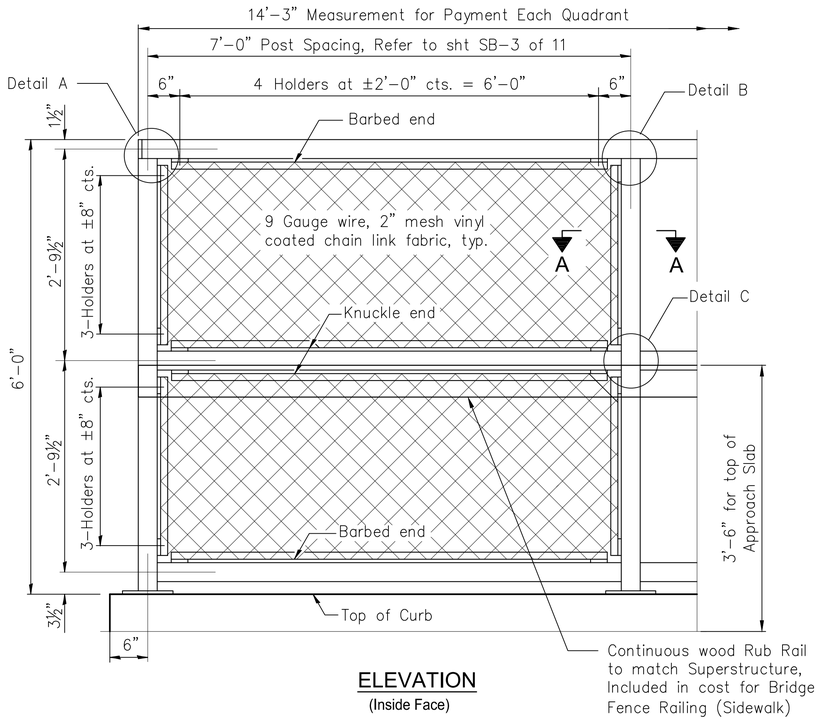
IMEG
1130 COLUMBUS STREET
OTTAWA, IL 61350
PH: 815.433.2060
www.imegcorp.com
McClure Engineering Associates, Inc.

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

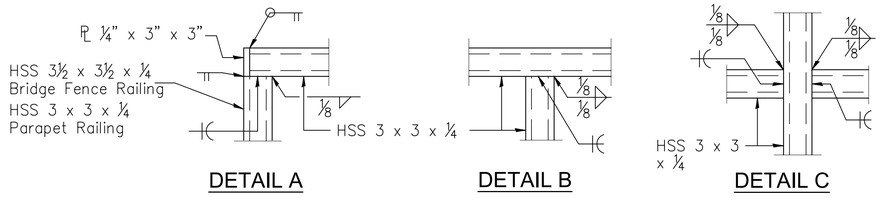
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: As Shown | SHEET SB-7 OF 12 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	51	89
	CONTRACT NO. 87706		
ILLINOIS			



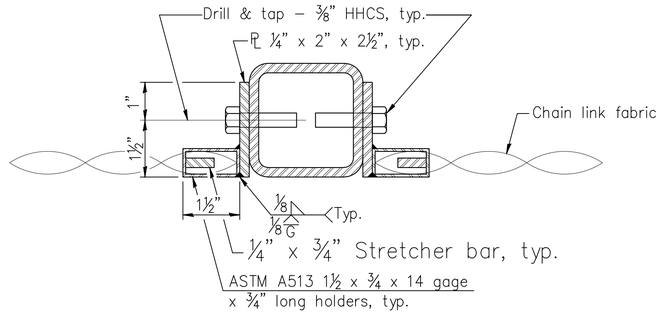
ELEVATION
(Inside Face)



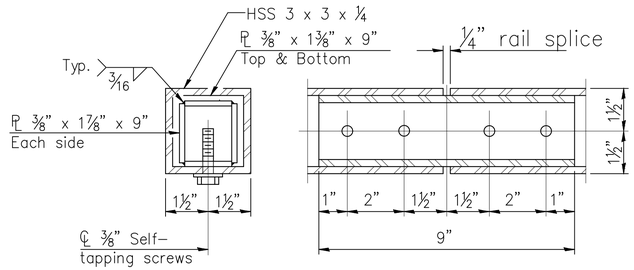
DETAIL A DETAIL B DETAIL C

NOTES:

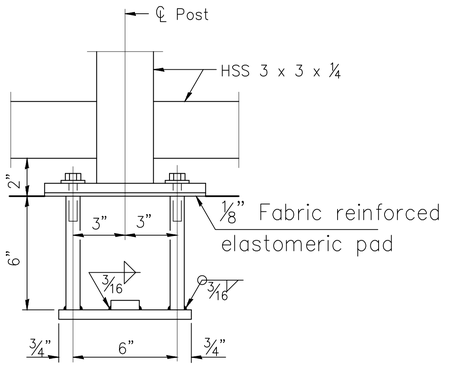
1. All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.
2. CVN Testing not required

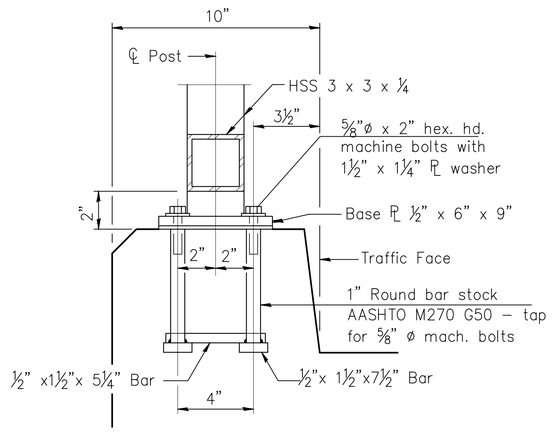


SECTION A-A



RAIL SPLICE

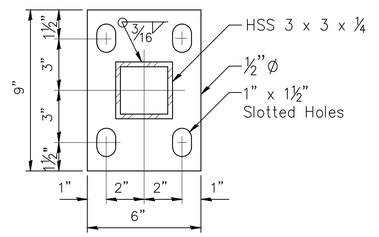




ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" Ø anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

(10'-0" Maximum Post Spacing)



BASE PL

BILL OF MATERIAL

Item	Unit	Quantity
Bridge Fence Railing (Sidewalk)	Foot	57

APPROACH FENCE DETAILS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

R-28 2-17-2017

MODEL: $MODELNAME$
FILE NAME: $FILE$

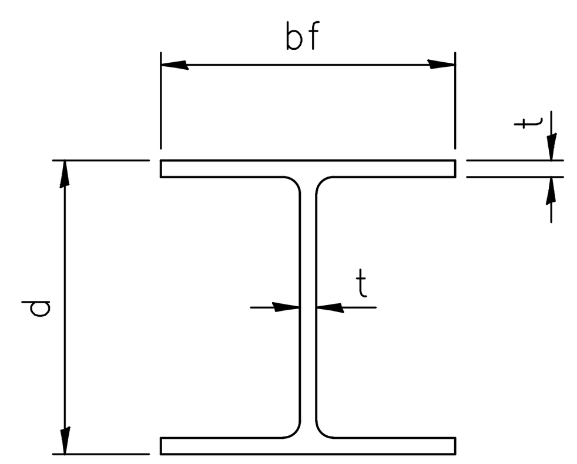
IMEG 1126 COLUMBUS STREET OTTAWA, IL 61350 PH: 815.433.0060 www.imegcorp.com
McClure Engineering Associates, Inc.

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

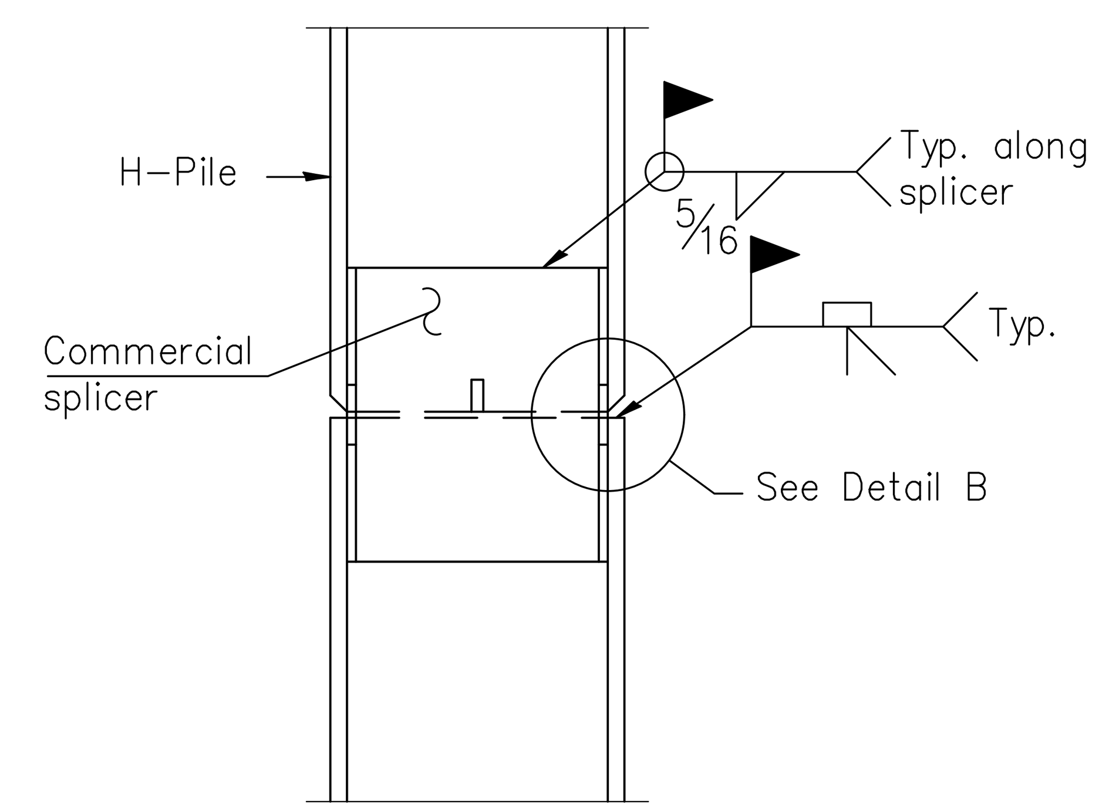
SCALE: N.T.S. SHEET SB-8 OF 12 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	52	89
	CONTRACT NO. 87706		
ILLINOIS			

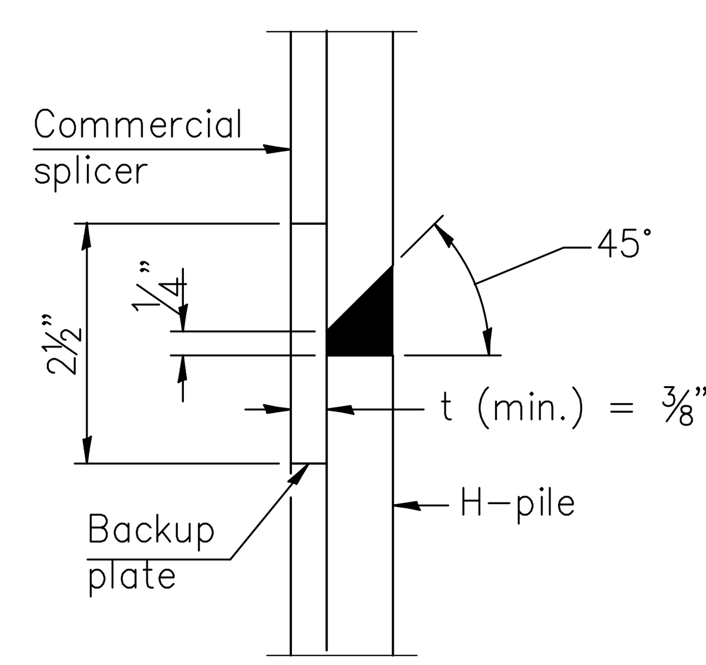


STEEL PILE TABLE

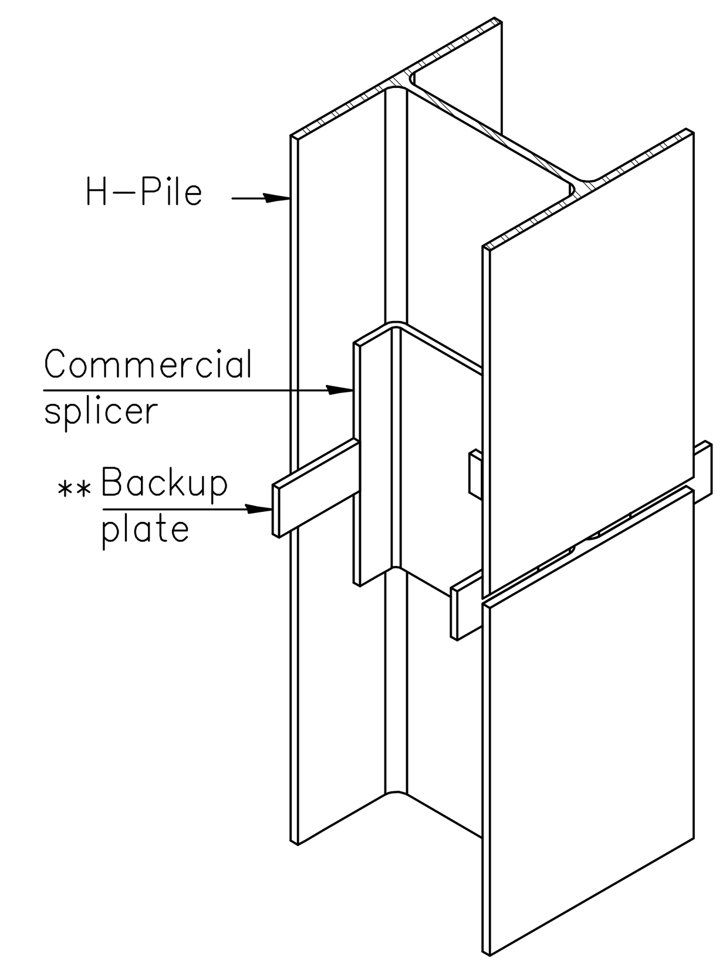
Designation	Depth d	Flange width bf	Web and Flange thickness t
HP 14x117	14¼"	14⅞"	13/16"
x102	14"	14¾"	11/16"
x89	13⅞"	14¾"	⅝"
x73	13⅝"	14⅝"	½"
HP 12x84	12¼"	12¼"	11/16"
x74	12⅛"	12¼"	⅝"
x63	12"	12⅛"	½"
x53	11¾"	12"	7/16"
HP 10x57	10"	10¼"	9/16"
HP 10x42	9¾"	10⅛"	7/16"
HP 8x36	8"	8⅛"	7/16"



ELEVATION

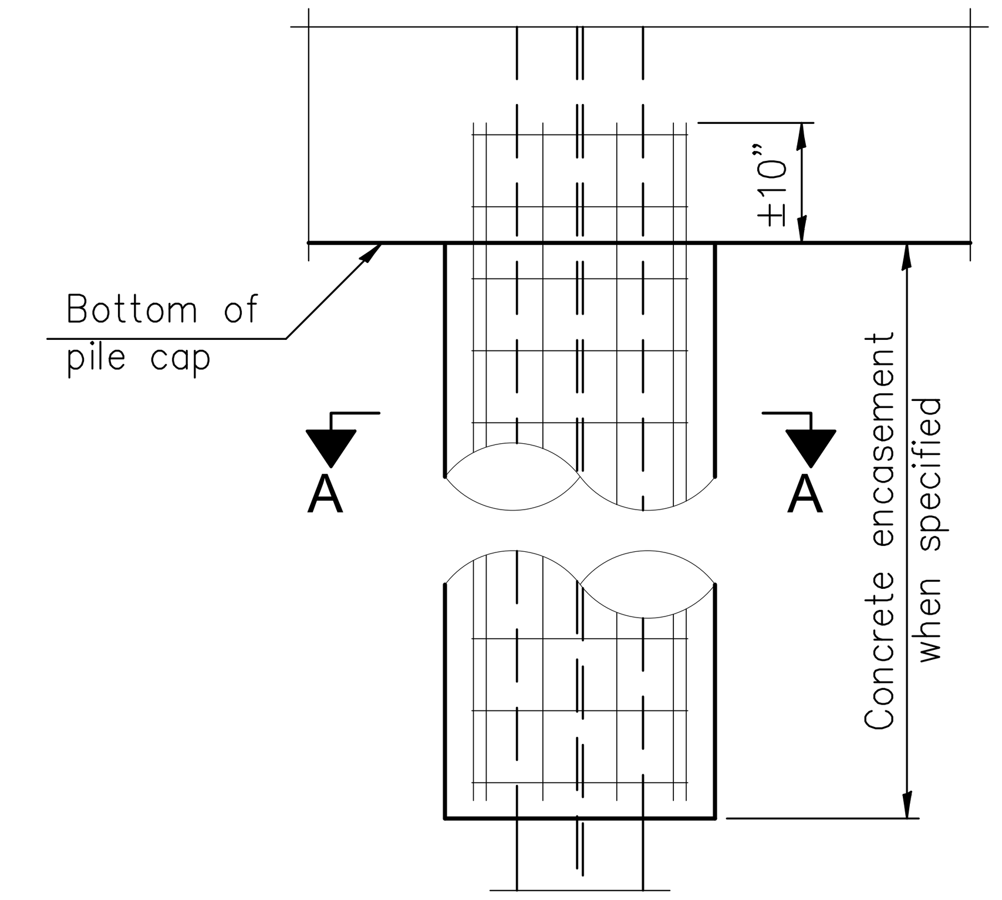


DETAIL "B"

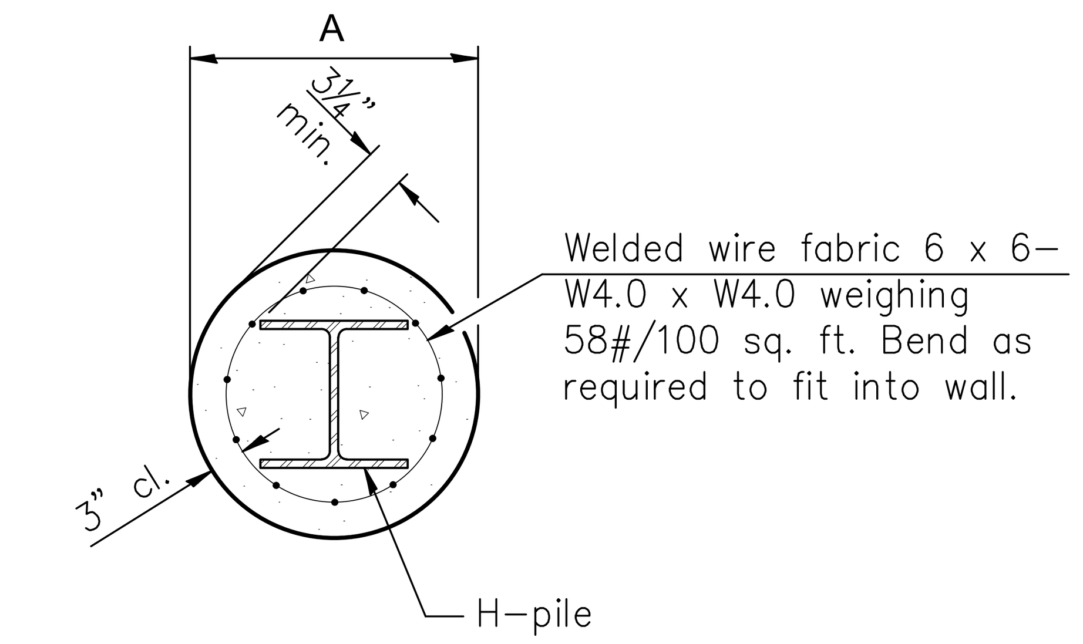


ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



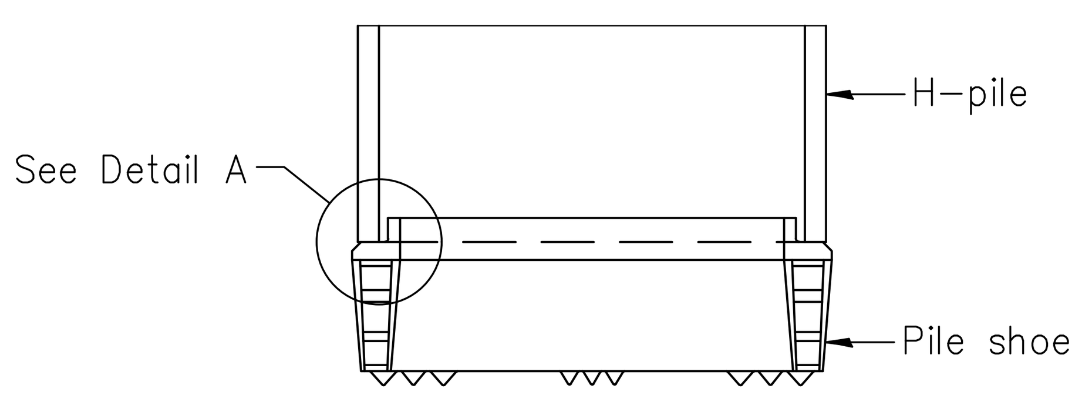
ELEVATION



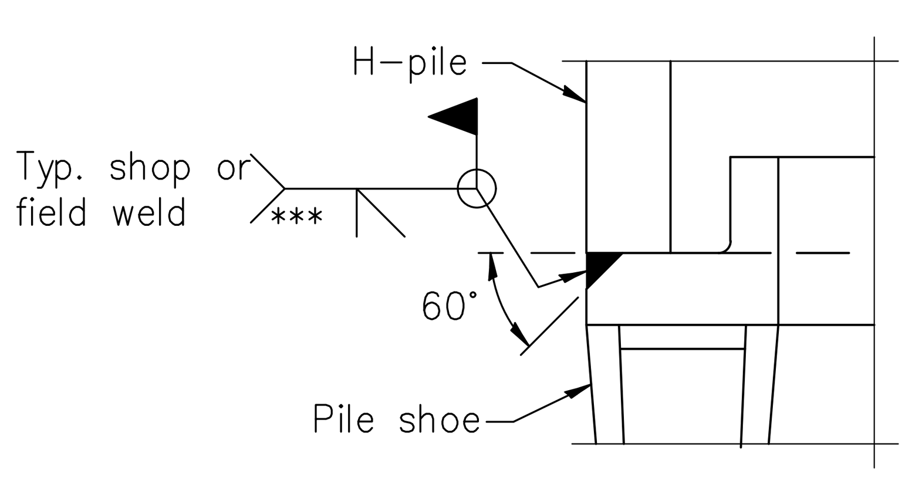
SECTION A-A

INDIVIDUAL PILE
CONCRETE ENCASEMENT

(Forms for encasement may be omitted when soil conditions permit).



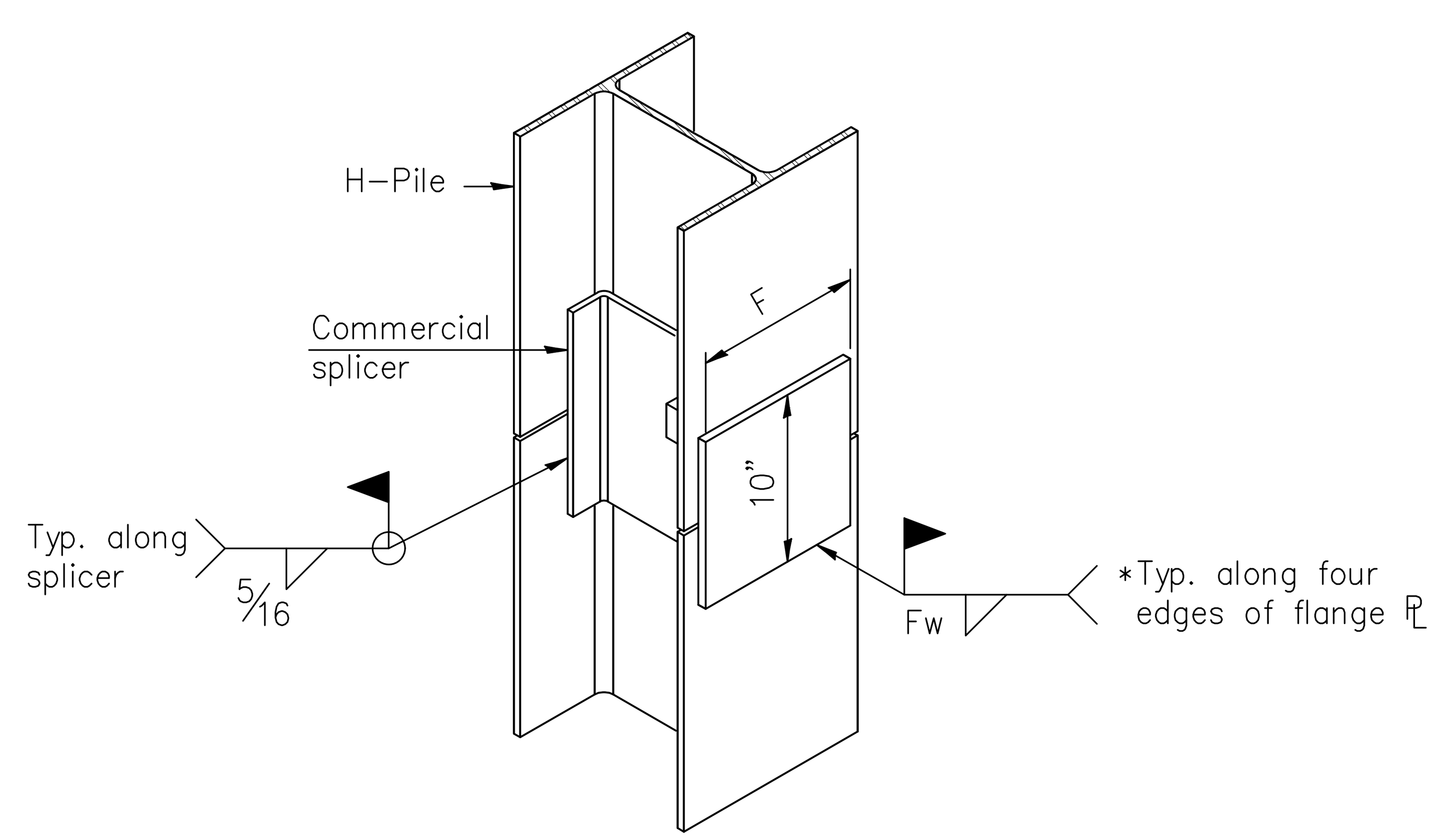
ELEVATION



DETAIL A

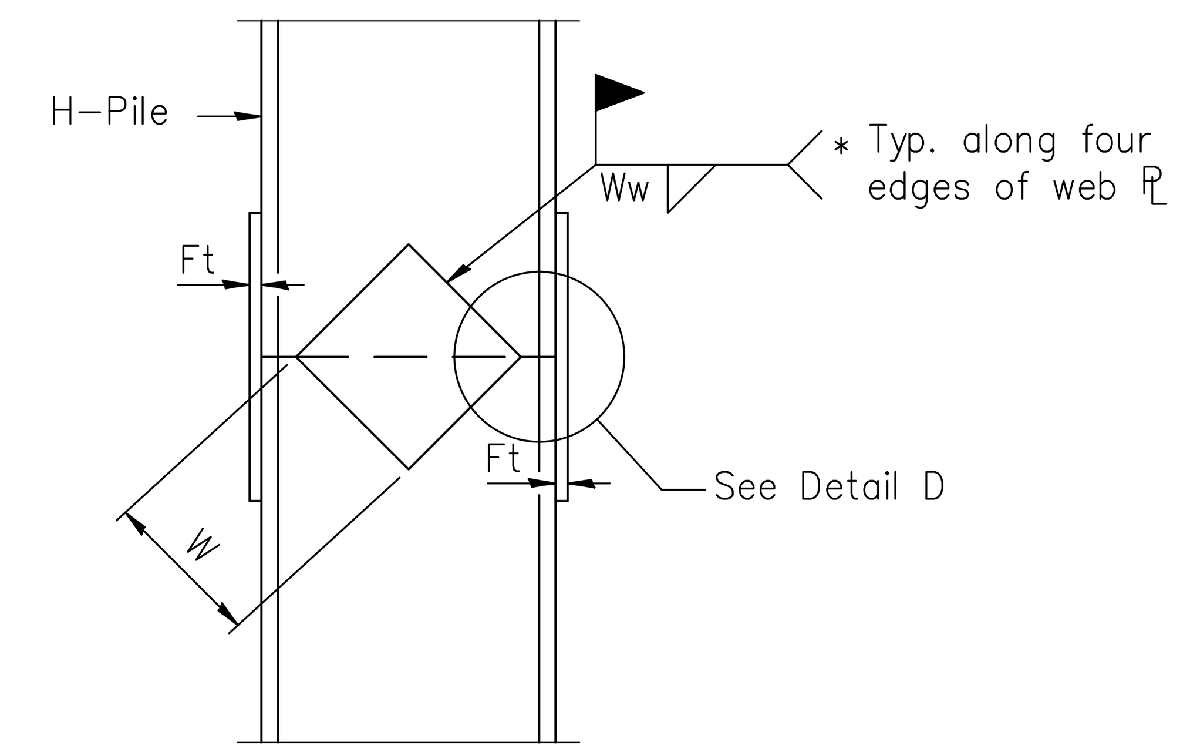
SHOE ATTACHMENT

Note:
The steel H–piles shall be according to AASHTO M270 Grade 50.

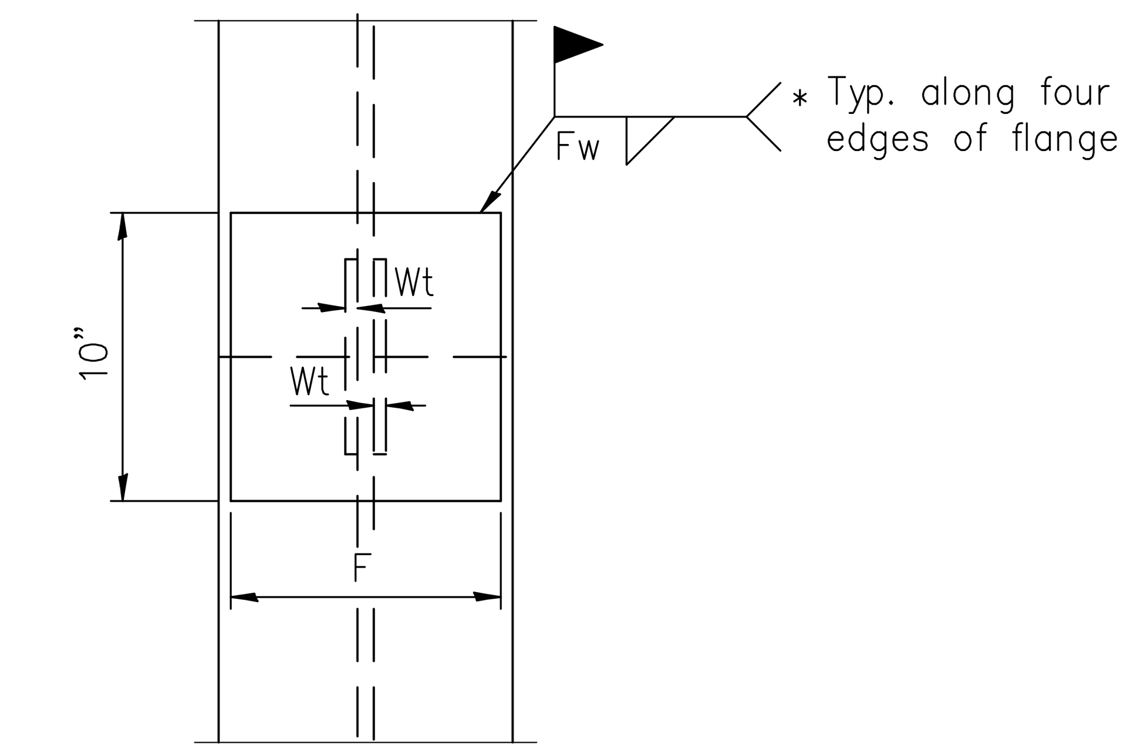


ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

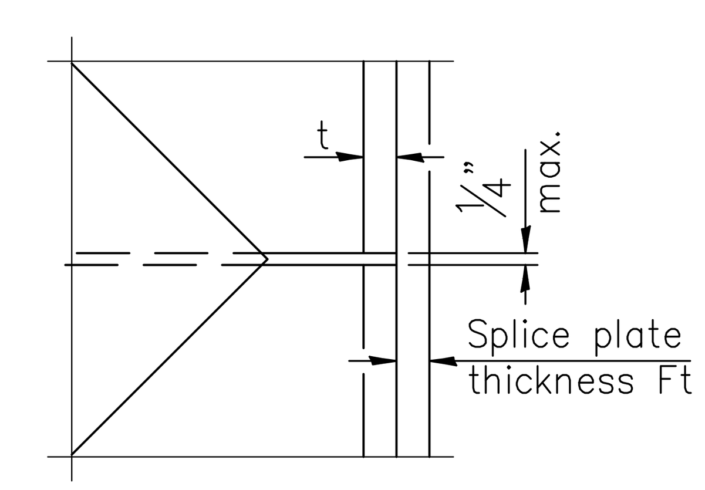


ELEVATION



END VIEW

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12½"	1"	⅞"	7¾"	⅝"	½"
x102	12½"	⅞"	¾"	7¾"	⅝"	½"
x89	12½"	¾"	11/16"	7¾"	⅝"	½"
x73	12½"	⅝"	9/16"	7¾"	⅝"	½"
HP 12x84	10"	⅞"	11/16"	6½"	⅝"	½"
x74	10"	⅞"	11/16"	6½"	⅝"	½"
x63	10"	⅝"	½"	6½"	½"	⅜"
x53	10"	⅝"	½"	6½"	½"	⅜"
HP 10x57	8"	¾"	9/16"	5¼"	½"	⅜"
HP 10x42	8"	⅝"	9/16"	5¼"	½"	⅜"
HP 8x36	7"	⅝"	7/16"	4¼"	½"	⅜"



DETAIL D

WELDED PLATE FIELD SPLICE

* Interrupt welds ¼" from end of web and/or each flange.

** Remove portions of backup plates that extend outside the flanges.

*** Weld size per pile shoe manufacturer (5/16" min.).

HP PILE DETAILS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

F-HP 8-11-2017

	DESIGNED - Dave Hall, P.E.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

SCALE: Scale | SHEET SB-9 OF 12 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	53	89
	CONTRACT NO. 87706		
	ILLINOIS		

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 1 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-1
Surface Elev. 617.60
Auger Depth 61'
Start Date 06/25/18
Rotary Depth NA
Finish Date 06/25/18

Location: 17.63' Rt.
Station 171+60.55

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) *ELEV	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
617.60										
616.60	Stiff Brownish Gray Silty Clay	1								
615.60		2								
614.60		3	1	SS	1.7	9	B	16		
613.60		4								
612.60	Very Stiff Brownish Gray Silty Clay Till	5	2	SS	2.1	12	B	15		
611.60		6								
610.60		7								
609.60		8	3	SS	2.2	12	B	17		
608.60		9								
607.60		10	4	SS	2.8	13	B	17		
606.60		11								
605.60		12								
604.60		13	5	SS	2.4	12	B	15		
603.60		14								
602.60		15								
601.60	Very Stiff Gray Silty Clay Till	16	6	SS	2.5	11	B	19		
600.60		17								
599.60		18	7	SS	2.7	13	B	18		
598.60		19								
597.60		20								
			8	SS	3.4	14	B	18		

Groundwater Data: Seepage encountered at 29.5' depth.
Comments: Static water level after auger removal 25' depth.

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
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Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 2 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-1
Surface Elev. 617.60
Auger Depth 61'
Start Date 06/25/18
Rotary Depth NA
Finish Date 06/25/18

Location: 17.63' Rt
Station 171+60.55

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
596.60										
595.60		22								
594.60		23	9	SS	4.3	28	S	17		
593.60		24								
592.60	Hard Gray Silty Loam Till	25	10	SS	5.2	32	S	16		
591.60		26								
590.60		27								
589.60		28								
588.60		29								
587.60		30	11	SS	---	40	---	18		
586.60	Dense Gray Silt	31								
585.60		32								
584.60		33								
583.60		34								
582.60		35	12	SS	5.5	38	S	10		
581.60		36								
580.60	Hard Gray Silty Loam Till	37								
579.60		38								
578.60		39								
577.60		40								
576.60		41	13	SS	---	60/3"	---	10		

Groundwater Data: Seepage encountered at 29.5' depth.
Comments: Static water level after auger removal 25' depth.

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 3 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-1
Surface Elev. 617.60
Auger Depth 61'
Start Date 06/25/18
Rotary Depth NA
Finish Date 06/25/18

Location: 17.63' Rt
Station 171+60.55

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
575.60										
574.60		43								
573.60		44								
572.60		45								
571.60		46	14	SS	6.8	38	S	11		
570.60		47								
569.60		48								
568.60		49								
567.60	Hard Gray Silty Loam Till	50								
566.60		51	15	SS	6.0	39	S	11		
565.60		52								
564.60		53								
563.60		54								
562.60		55								
561.60		56	16	SS	---	100/7"	---	10		
560.60		57								
559.60		58								
558.60		59								
557.60		60								
556.60		61	17	SS	---	100/4"	---	10		
555.60		62								

Groundwater Data: Seepage encountered at 29.5' depth.
Comments: Static water level after auger removal 25' depth.

BORING LOGS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

MODEL: $MODELNAME$
FILE NAME: $FILEL$

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: Scale | SHEET SB-10 OF 12 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	54	89
	CONTRACT NO. 87706		
	ILLINOIS		

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 1 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-2
Surface Elev. 615.40
Auger Depth 61' Rotary Depth NA
Start Date 06/30/18 Finish Date 06/30/18

Location: 36.36' Rt.
Station 169+32.68

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) *ELEV 615.40	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
614.40		1								
613.40		2								
612.40		3	1	SS	2.1	9	B	20		
611.40		4								
610.40	Very StiffBrownish Gray Silty Clay Till	5								
609.40		6	2	SS	2.9	12	B	18		
608.40		7								
607.40		8	3	SS	2.5	12	B	18		
606.40		9								
605.40		10	4	SS	2.5	11	B	14		
604.40		11								
603.40		12								
602.40	Medium Gray Fine to Coarse Sand	13	5	SS	---	11	---	---		
601.40		14								
600.40	Very Stiff Gray Silty Clay Till	15								
599.40		16	6	SS	2.7	14	B	12		
598.40		17								
597.40		18	7	SS	2.5	16	B	12		
596.40		19								
595.40	Hard Gray Silty Loam Till	20	8	SS	4.2	32	S	11		

Groundwater Data: Seepage encountered at 12.5' depth.
Comments: Static water level after auger removal 12.5' depth.

Midwest Testing Services, Inc.
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Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 2 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-2
Surface Elev. 615.40
Auger Depth 61' Rotary Depth NA
Start Date 06/30/18 Finish Date 06/30/18

Location: 36.36' Rt.
Station 169+32.68

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV 594.40	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
593.40		22								
592.40	Hard Gray Silty Loam Till	23	9	SS	4.7	25	S	11		
591.40		24								
590.40		25	10	SS	---	100/13"	---	18		
589.40		26								
588.40	Very Dense Gray Silt	27								
587.40		28	11	SS	---	49	---	17		
586.40		29								
585.40		30								
584.40		31	12	SS	---	67	---	18		
583.40		32								
582.40		33								
581.40		34								
580.40		35								
579.40	Hard Gray Silty Loam Till	36	13	SS	6.2	33	S	12		
578.40		37								
577.40		38								
576.40		39								
575.40		40								
574.40		41	14	SS	5.1	38	S	11		

Groundwater Data: Seepage encountered at 12.5' depth.
Comments: Static water level after auger removal 12.5' depth.

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 3 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-2
Surface Elev. 615.40
Auger Depth 48' Rotary Depth NA
Start Date 06/30/18 Finish Date 06/30/18

Location: 36.36' Rt.
Station 169+32.68

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV 573.40	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
572.40		43								
571.40		44								
570.40		45	15	SS	5.7	53	S	11		
569.40		46								
568.40		47								
567.40		48								
566.40		49								
565.40		50								
564.40	Hard Gray Silty Loam Till (Occassional Cobble)	51	16	SS	---	100/3"	---	10		
563.40		52								
562.40		53								
561.40		54								
560.40		55	17	SS	5.3	37	S	11		
559.40		56								
558.40		57								
557.40		58								
556.40		59								
555.40		60								
554.40		61	18	SS	6.3	43	S	11		
553.40		62								

Groundwater Data: Seepage encountered at 12.5' depth.
Comments: Static water level after auger removal 12.5' depth.

BORING LOGS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

MODEL: $MODELNAME$
FILE NAME: $FILEL$

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = 1:1	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: not to scale | SHEET SB-11 OF 12 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	55	89
	CONTRACT NO. 87706		
	ILLINOIS		

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 1 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-3
Surface Elev. 610.30
Auger Depth 48' Rotary Depth NA
Start Date 06/30/18 Finish Date 06/30/18

Location: 0.16' Lt.
Station 170+43.38

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) *ELEV	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
610.30										
609.30		1								
608.30		2								
607.30	Very Stiff Brownish Gray Silty Clay Till	3	1	SS	2.1	9	B	20		
606.30		4								
605.30		5	2	SS	2.9	12	B	18		
604.30		6								
603.30		7								
602.30		8	3	SS	2.5	12	B	18		
601.30		9								
600.30		10								
599.30		11	4	SS	2.5	11	B	14		
598.30		12								
597.30	Medium Gray Fine To Coarse Sand	13	5	SS	---	11	---	---		
596.30		14								
595.30		15								
594.30	Very Stiff Gray Silty Clay Till	16	6	SS	2.7	14	B	12		
593.30		17								
592.30		18	7	SS	2.5	16	B	12		
591.30		19								
590.30	Hard Gray Silty Loam Till	20	8	SS	4.2	32	S	11		

Groundwater Data: Seepage encountered at 12.5' depth.
Comments: Static water level after auger removal 12.5' depth.

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 2 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-3
Surface Elev. 610.30
Auger Depth 48' Rotary Depth NA
Start Date 06/30/18 Finish Date 06/30/18

Location: 0.16' Lt.
Station 170+43.38

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
589.30		22								
588.30	Hard Gray Silty Loam Till	23	9	SS	4.7	25	S	11		
587.30		24								
586.30		25								
585.30		26	10	SS	---	100/13"	---	18		
584.30		27								
583.30	Very Dense Gray Silt	28	11	SS	---	49	---	17		
582.30		29								
581.30		30								
580.30		31	12	SS	---	67	---	18		
579.30		32								
578.30		33								
577.30		34								
576.30		35								
575.30	Hard Gray Silty Loam Till	36	13	SS	6.2	33	S	12		
574.30		37								
573.30		38								
572.30		39								
571.30		40								
570.30		41	14	SS	5.1	38	S	11		
569.30										

Groundwater Data: Seepage encountered at 12.5' depth.
Comments: Static water level after auger removal 12.5' depth.

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 3 of 3

Client: IMEG
Project Name: Route 23 Pedestrian Bridge Over I-80
Project Site: Ottawa, IL. 61350

Boring No. B-3
Surface Elev. 610.30
Auger Depth 48' Rotary Depth NA
Start Date 06/30/18 Finish Date 06/30/18

Location: 0.16' Lt.
Station 170+43.38

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
568.30		43								
567.30		44								
566.30	Hard Gray Silty Loam Till	45								
565.30		46	15	SS	---	100/13"	---	10		
564.30		47								
563.30		48								
562.30	Refusal On Boulder	49								
561.30		50								
560.30		51								
559.30		52								
558.30		53								
557.30		54								
556.30		55								
555.30		56								
554.30		57								
553.30		58								
552.30		59								
551.30		60								
550.30		61								
549.30		62								
548.30										

Groundwater Data: Seepage encountered at 12.5' depth.
Comments: Static water level after auger removal 12.5' depth.

BORING LOGS
PEDESTRIAN BRIDGE OVER F.A.P. 68 (IL 23)
SECTION 17-00168-00-BR
LASALLE COUNTY
STATION 170+44.80
STRUCTURE NO. 050-7404

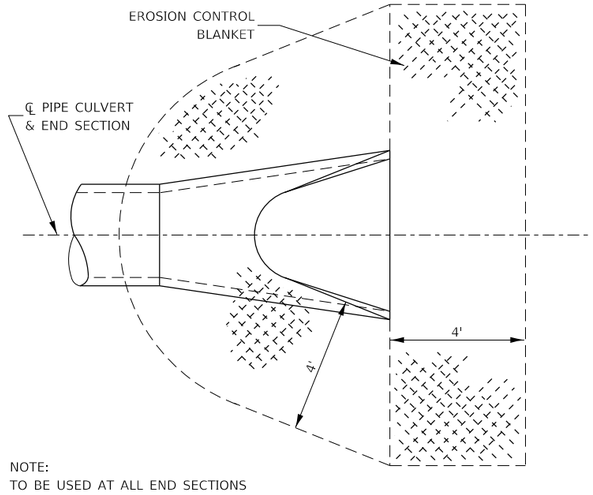
MODEL: $MODELNAME$
FILE NAME: $FILE$

	DESIGNED - Dave Hall, P.E.	REVISED -	
	DRAWN - Tim Branch	REVISED -	
PLOT SCALE = as noted	CHECKED - Ali Gharamti, S.E.	REVISED -	
PLOT DATE = 7-02-19	DATE - 7-02-19	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

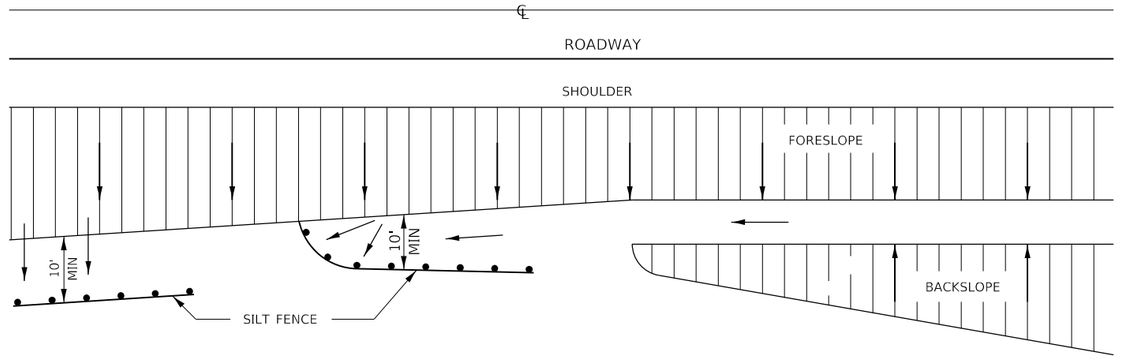
SCALE: Scale | SHEET SB-12 OF 12 SHEETS

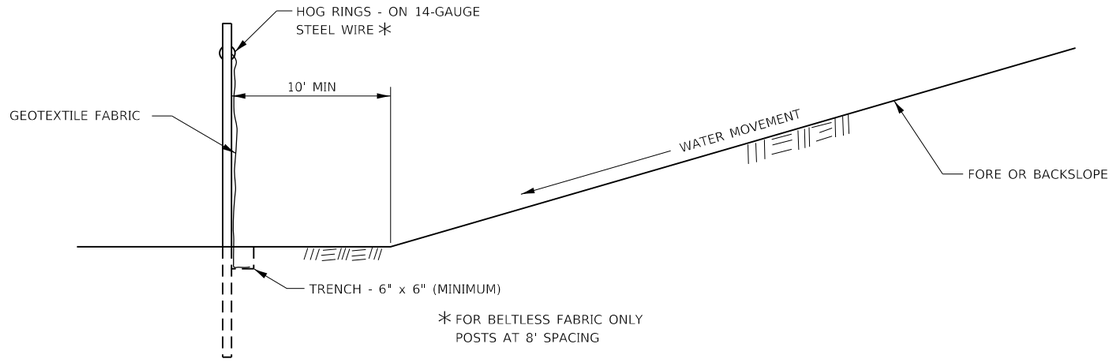
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00168-00-BR	LASALLE	56	89
	CONTRACT NO. 87706		
ILLINOIS			



NOTE:
TO BE USED AT ALL END SECTIONS

DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION





DETAILS OF SILT FENCE

EROSION CONTROL DETAILS FOR SILT FENCE

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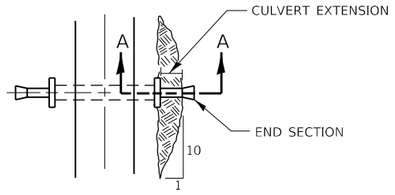
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/23/2019	DATE -	REVISED -

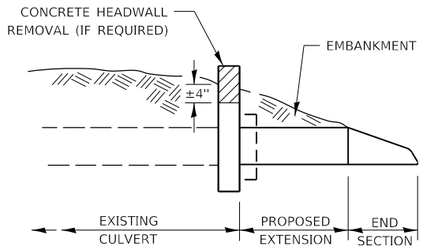
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

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

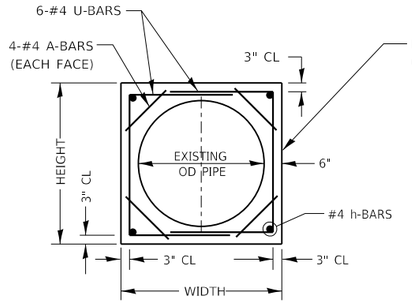
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	57
			CONTRACT NO. 87706	
	ILLINOIS	FED. AID PROJECT		

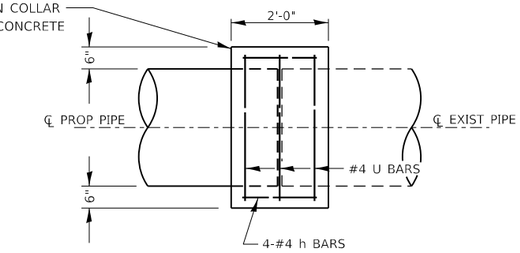


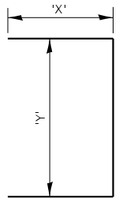


SECTION A-A

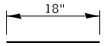
PLAN AT CULVERT EXTENSIONS







U-BAR

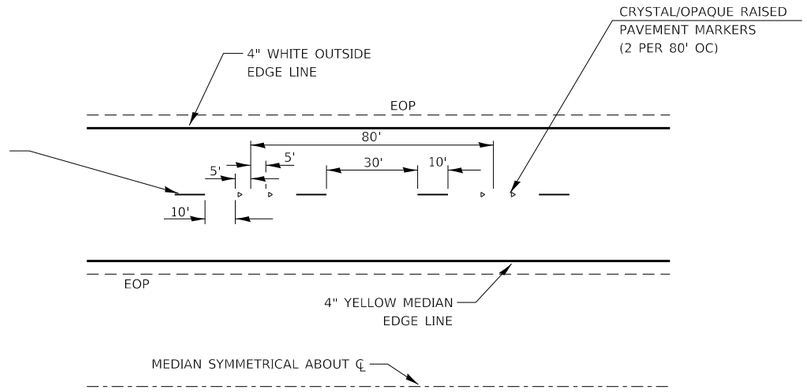


h-BAR

A-BAR

LOCATION	EXISTING CULVERT SIZE	EXTENSION COLLAR		A-BAR	U-BAR		h-BAR	CONC COLLAR	REINFORCEMENT BARS
		WIDTH	HEIGHT	12	'X'	'Y'	18		
	FT x FT	IN	IN	IN	IN	IN	IN.	CU YD	POUND
169+21	12"	30	30	96"	12	24	72"	.33	22
169+69	24"	42	42	96"	24	36	72"	.54	30
169+69	24"	42	42	96"	24	36	72"	.54	30
171+17	24"	42	42	96"	24	36	72"	.54	30
171+68	15"	33	33	96"	15	27	72"	.38	24
174+07	12"	30	30	96"	12	24	72"	.33	22

COLLAR DETAIL (DIRECT PIPE CULVERT EXTENSION)



TYPICAL PAVEMENT MARKINGS

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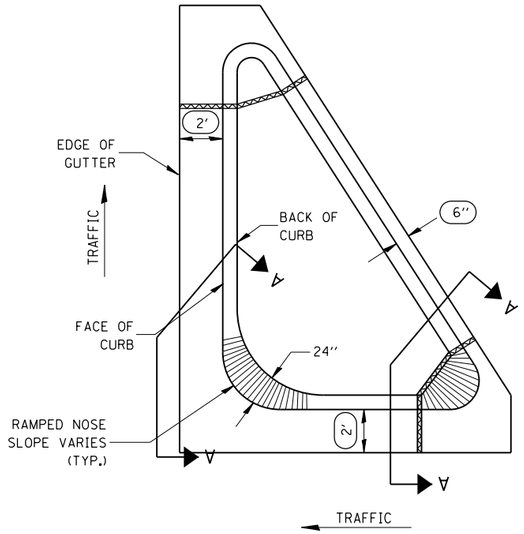
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			68	17-00168-00-BR	LASALLE	89	58
	PLOT DATE = 6/23/2019	CHECKED -	REVISED -					CONTRACT NO. 87706		
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		



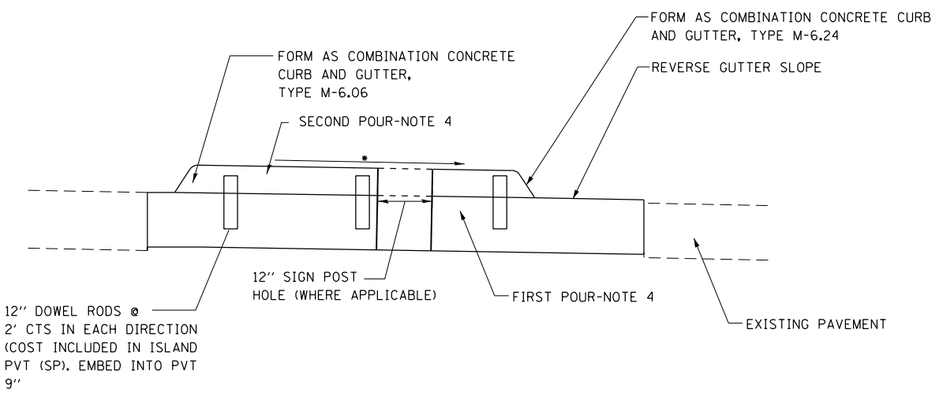
FULL DEPTH CONCRETE ISLAND

GENERAL NOTES:

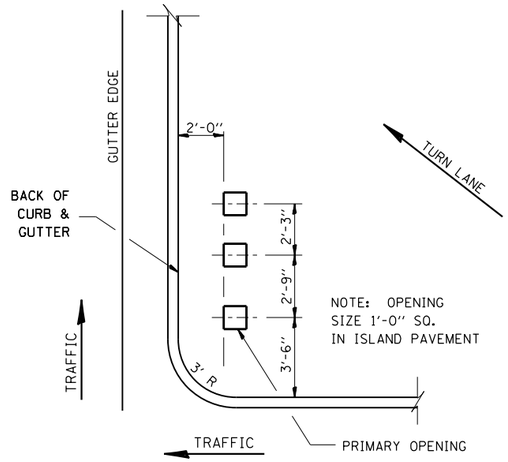
1. THE CURB AND GUTTER CONFIGURATION SHALL BE M-6.06 AND M-6.24
2. SEE STD. 606001 & AND 606301 FOR ADDITIONAL DETAILS.

   ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE COST OF ISLAND PAVEMENT (SPECIAL) PER SQUARE FOOT.

4. THE PAVEMENT UNDERNEATH THE ISLAND IS 12" THICK. THE PAVEMENT UNDERNEATH THE ISLAND SHALL BE CONSTRUCTED FIRST. AFTER THAT IS CURED, THE ISLAND PAVEMENT SHALL BE POURED ON TOP OF IT. THE DETECTABLE WARNINGS SHALL BE CAST WITH THE FIRST POUR.

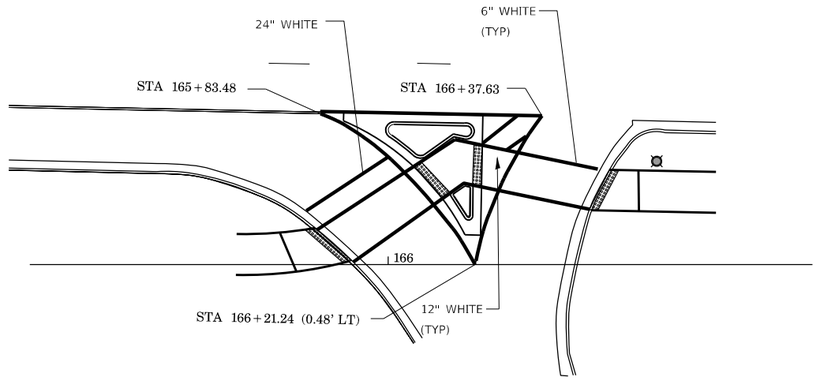


SECTION A-A



ISLAND SIGN POST SPACING DETAIL

NOTE: THE ENGINEER SHALL DETERMINE THE NUMBER OF OPENINGS REQUIRED.



PAVEMENT MARKINGS

NORTH ISLAND

(SOUTH ISLAND SIMILAR)

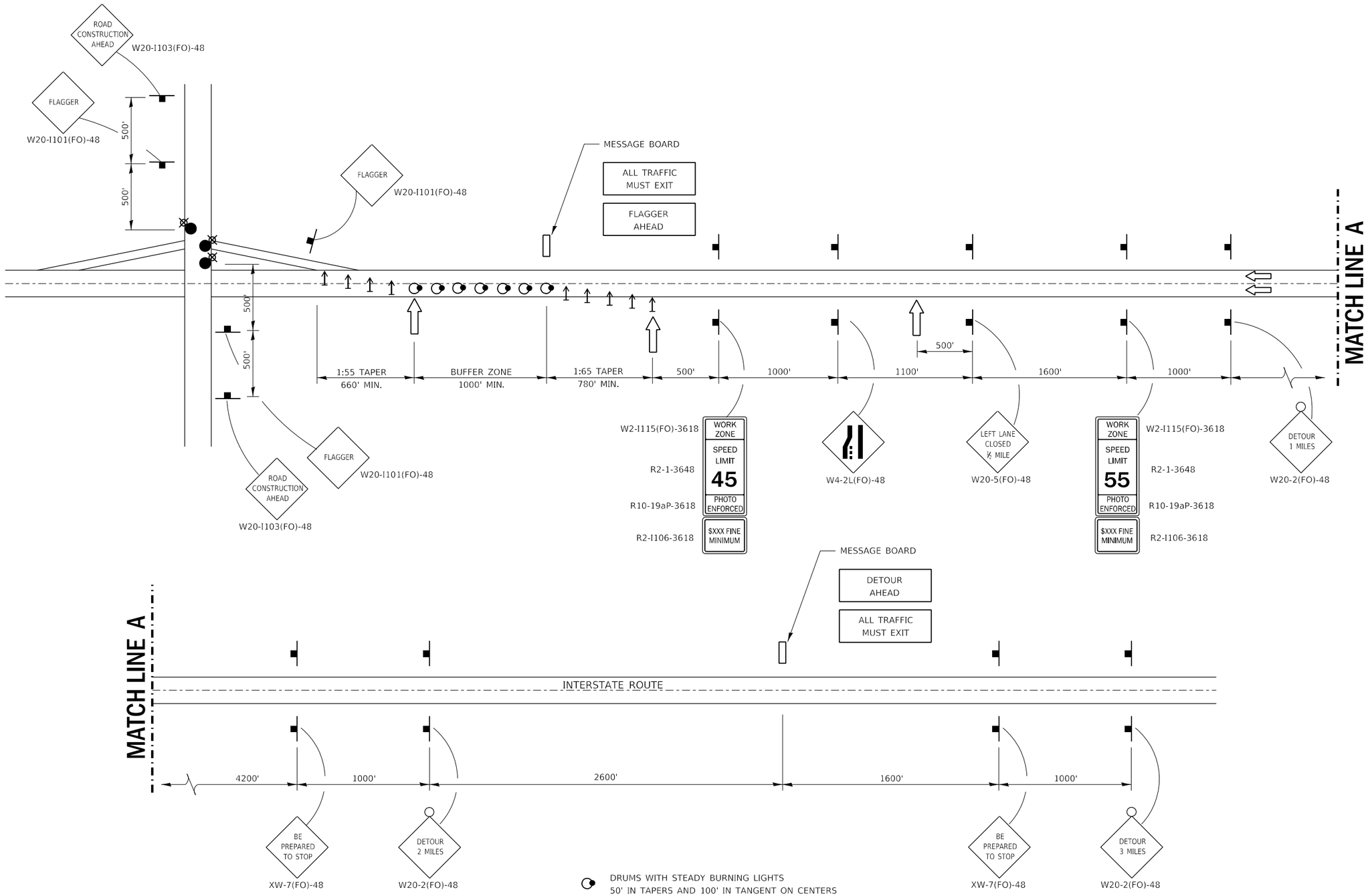
FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-details.dwg	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	59
		CONTRACT NO. 87706		
		ILLINOIS FED. AID PROJECT		



TRAFFIC CONTROL ON THIS SHEET AND ON THE SUGGESTED MAINTENENCE OF TRAFFIC SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

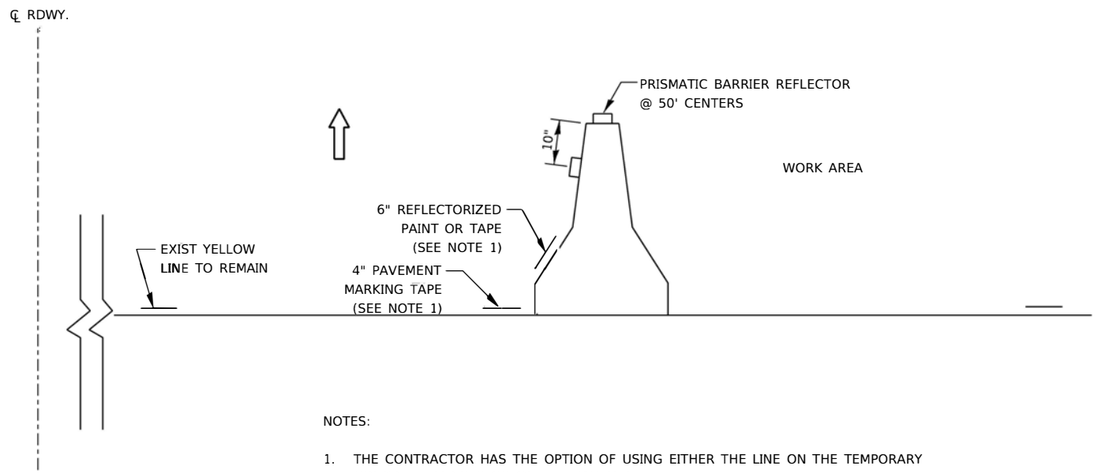
FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-details.dwg	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL FOR PEDESTRIAN BRIDGE PLACEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	60
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING EITHER THE LINE ON THE TEMPORARY CONCRETE BARRIER OR ON THE PAVEMENT.

2. THE COLOR OF THE REFLECTORS AND PAVEMENT/BARRIER MARKING LINE WILL VARY WITH STAGING AND SHALL MATCH THE EXISTING LINE IN THE WORK AREA.

3. THE COST OF THE REFLECTORS AND THE PAVEMENT/BARRIER MARKING LINE IS INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

TRAFFIC CONTROL DETAIL
FOR TEMPORARY CONCRETE BARRIER

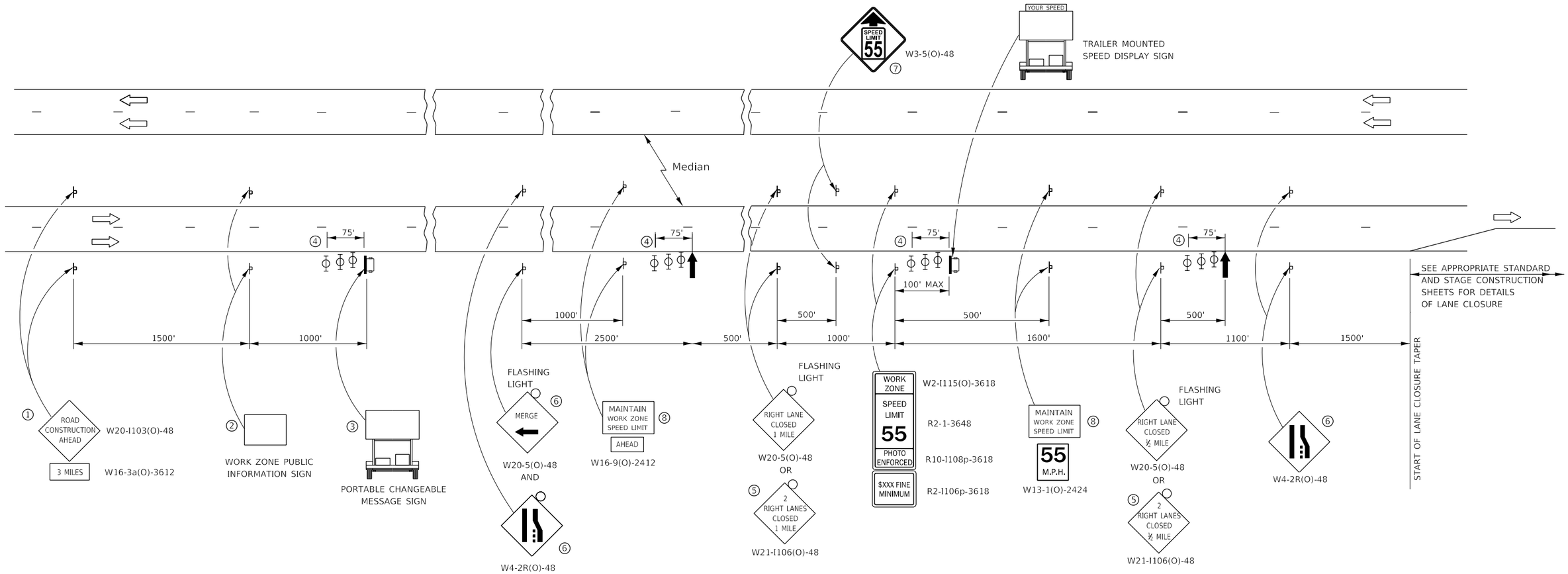
FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil 3D\DWG\Design\CADsheets\D3XXXXX-sht-details.dgn	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	61
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			



① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.

② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.

③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
"RIGHT LANE CLOSED" / " x MILES AHEAD"
"LEFT LANE CLOSED" / " x MILES AHEAD"
"ALL LANES OPEN"

④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.

⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.

⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.

⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

⑧ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.

48"

36"	MAINTAIN	8"
	WORK ZONE	6"
	SPEED LIMIT	6"

ARROW BOARD

PORTABLE CHANGEABLE MESSAGE SIGN

SIGN

TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

GENERAL NOTE:

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-details.dgn	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

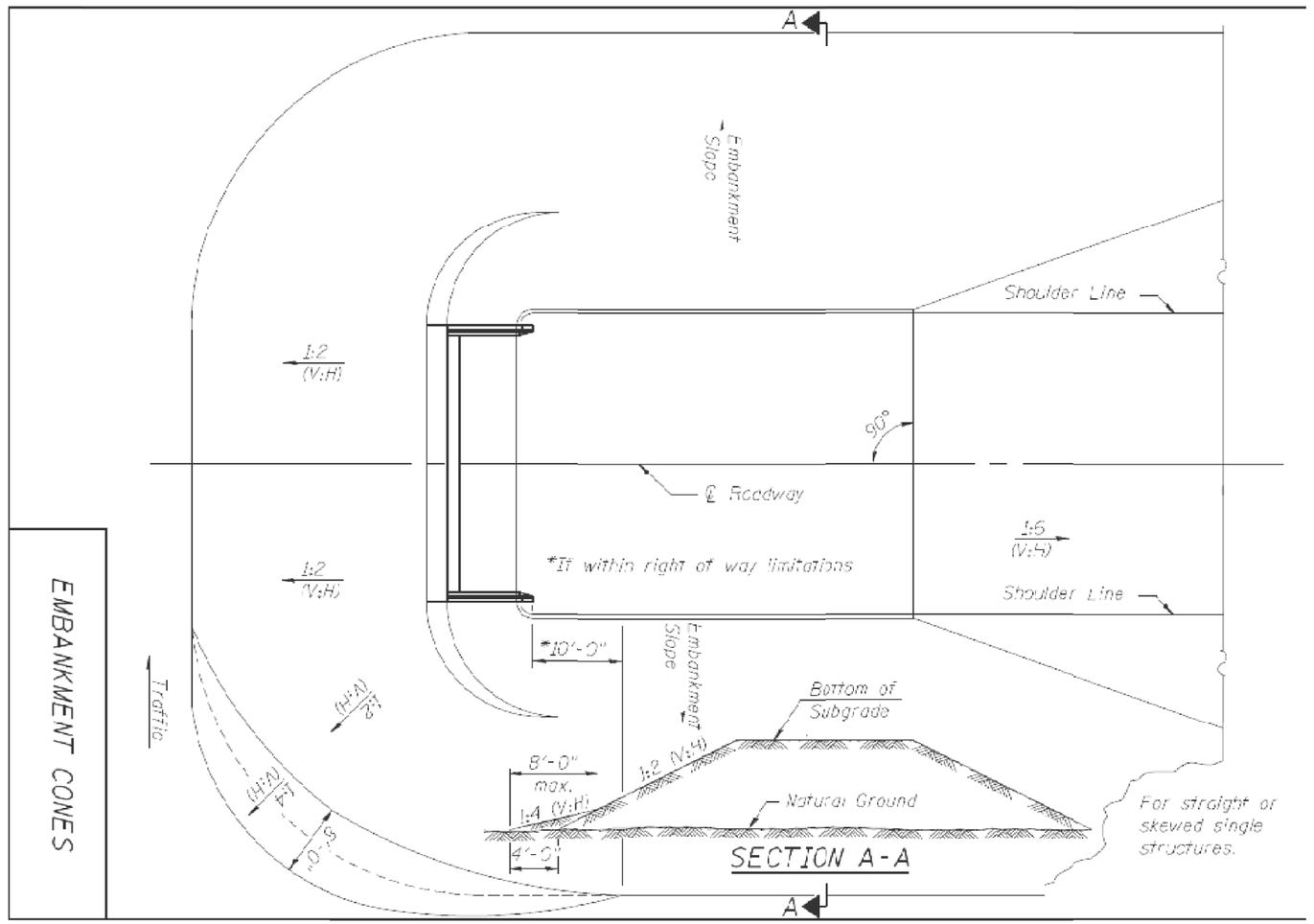
TRAFFIC CONTROL AND PROTECTION 701400 (SPECIAL)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	62
		CONTRACT NO. 88777D6		
	ILLINOIS FED. AID PROJECT			

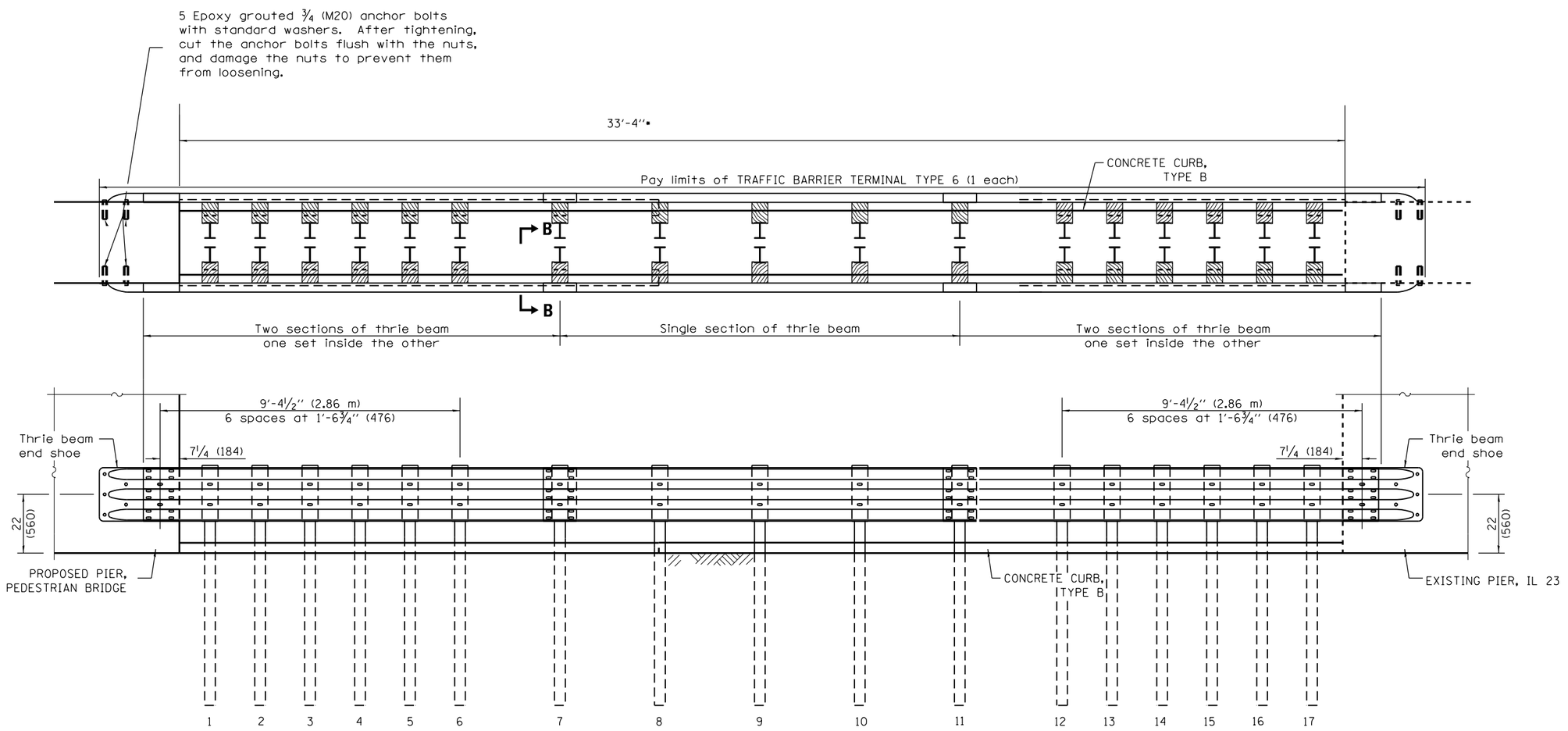
Figure 3.14.1-1

EMBANKMENT CONES



FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-details.dgn	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					68	17-00168-00-BR	LASALLE	89	63
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -								CONTRACT NO. 87706	
	PLOT DATE = 7/20/2019	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.			ILLINOIS	FED. AID PROJECT	

•CONTRACTOR TO VERIFY DISTANCE BEFORE ORDERING STEEL



TYPE 6 GUARDRAIL SPECIAL
LOOKING NORTH

SEE STANDARD 631031 FOR DETAILS NOT SHOWN

FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil\3D\DWG\Design\CADsheets\D3XXXXX-sht-details.dgn	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/23/2019	DATE -	REVISED -

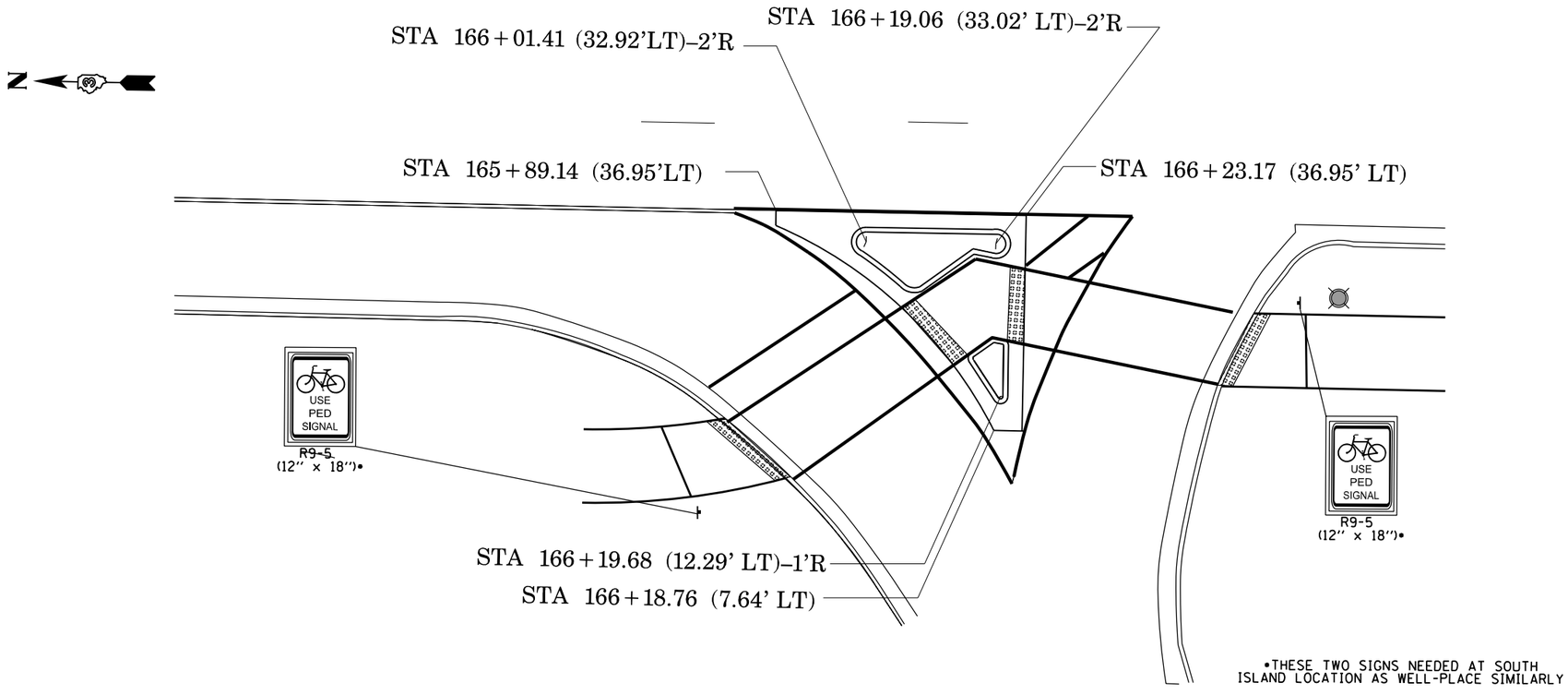
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TBT, TYPE 6 (SPECIAL) DETAIL

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

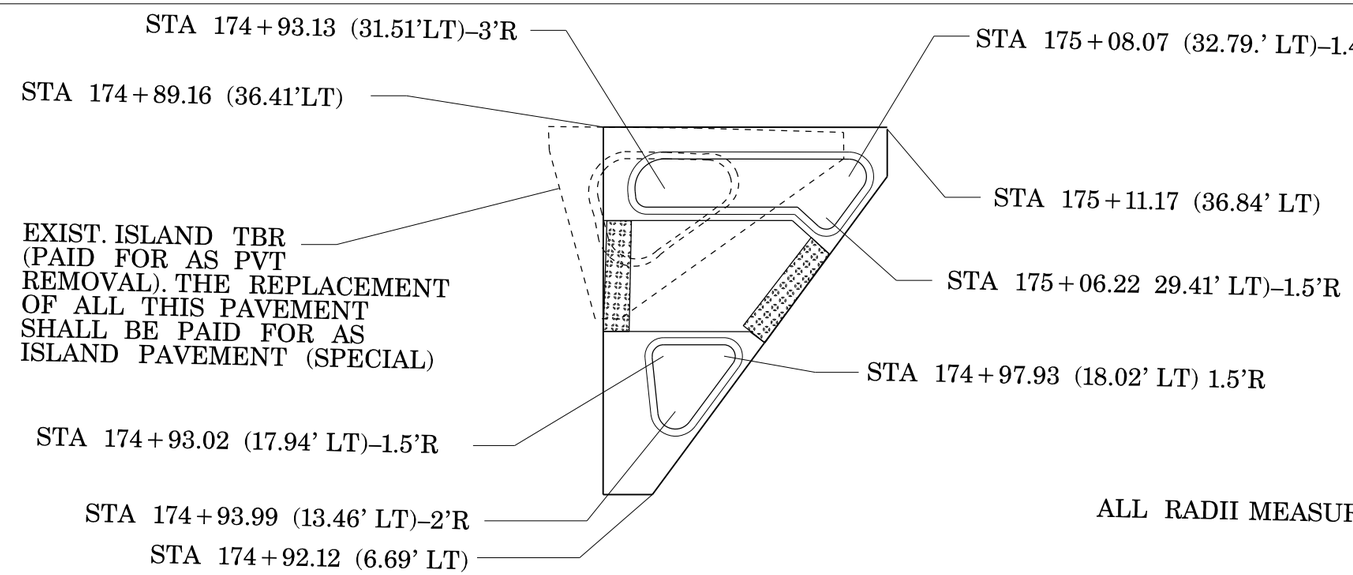
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	64
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

NORTH ISLAND



•THESE TWO SIGNS NEEDED AT SOUTH ISLAND LOCATION AS WELL-PLACE SIMILARLY

SOUTH ISLAND



ALL RADII MEASURED TO OUTSIDE CURVE

ISLAND LAYOUT

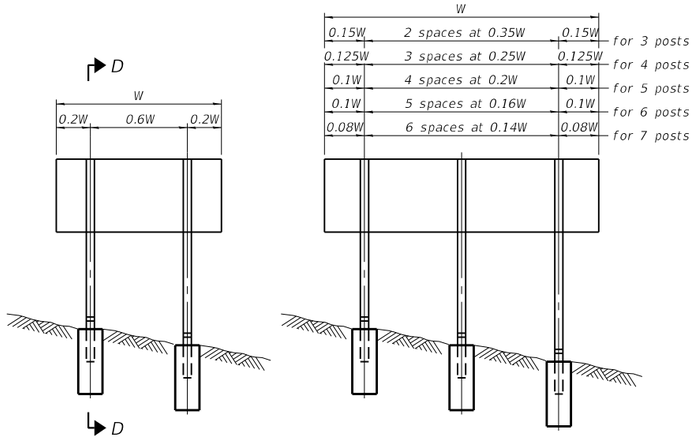
FILE NAME = G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CADsheets\D3XXXXX-sht-details.dwg	USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

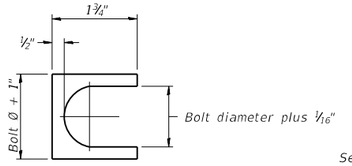
DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	65
		CONTRACT NO. 87706		
		ILLINOIS FED. AID PROJECT		

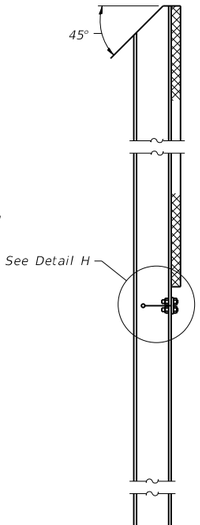


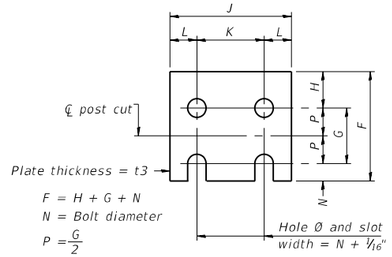
ELEVATION



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

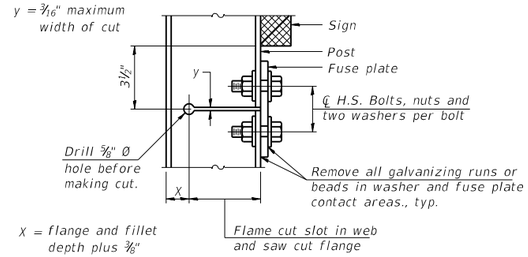




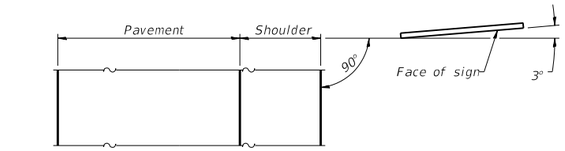
FUSE PLATE DATA		
N = Bolt Diameter	G	H
½"	2"	1⅛"
⅝"	2¼"	1¼"
¾"	2½"	1⅜"
⅞"	2¾"	1½"
1"	3"	1⅝"
1⅛"	3¼"	1¾"
1¼"	3½"	1⅞"

FUSE PLATE DETAIL

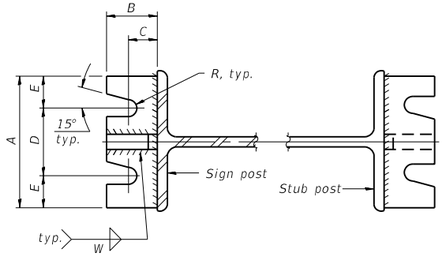
(Install with notches down.)



DETAIL H

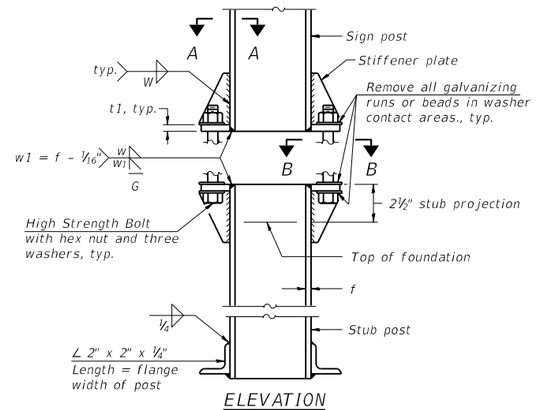


LOCATION SKETCH

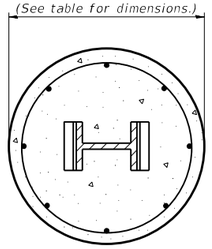


SECTION A–A

SECTION B–B



ELEVATION
SIGN POST & STUB POST



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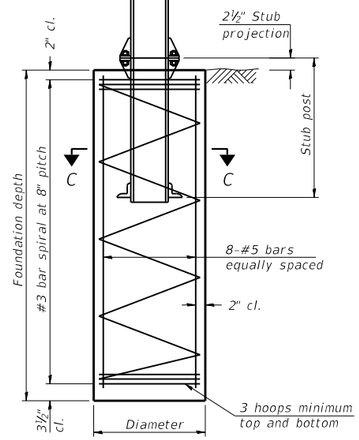
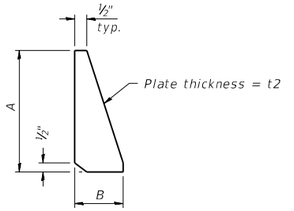


SECTION D–D



STIFFENER PLATE DETAIL

Diameter

GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel – 20,000 p.s.i.
Reinforcing steel – 20,000 p.s.i.
Concrete – 1,400 p.s.i.
Footing soil pressure – 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

BAW-A-1 2-17-2017

(Sheet 1 of 2)

BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE STEEL SIGN POST TABLES

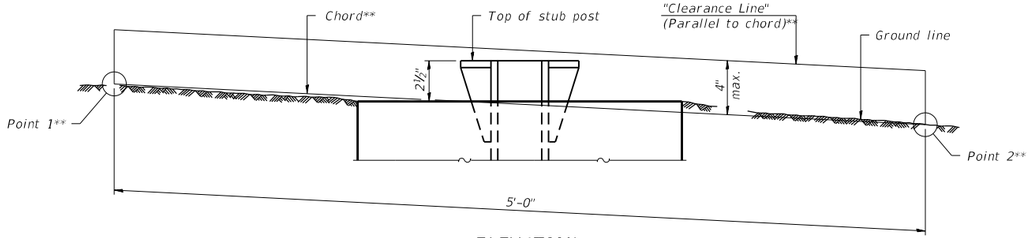
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	66
		CONTRACT NO. 87706		
		ILLINOIS FED. AID PROJECT		

POST	CONCRETE FOUNDATION TABLE								POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA			
	Foundation			Reinforcement				Stub Post														
	Diameter	Minimum Depth*	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length	lbs. (2)	Length	Bolt Size	A	B	C	D	E	t1	t2	R	W	J	K	L	t3
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-3"	⅝" x 3¼"	6"	2¼"	1¼"	3½"	1¼"	¾"	½"	1 1/32"	¼"	4"	2¼"	⅞"	¼"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	⅝" x 3¼"	6"	2¼"	1¼"	3½"	1¼"	¾"	½"	1 1/32"	¼"	6"	3½"	1¼"	⅜"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	¾" x 3¾"	6"	2½"	1⅜"	3¼"	1⅜"	1"	½"	1 3/32"	5/16"	5¼"	2¾"	1¼"	⅜"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2½"	105'-0"	92	3'-0"	¾" x 3¾"	6"	2½"	1⅜"	3¼"	1⅜"	1"	½"	1 3/32"	5/16"	5¾"	2¾"	1½"	½"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2½"	112'-0"	98	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	1 5/32"	⅜"	5¾"	2¾"	1½"	⅝"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2½"	119'-0"	107	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	1 5/32"	⅜"	6½"	3½"	1½"	⅝"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8½"	145'-0"	113	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	1 5/32"	⅜"	6¾"	3½"	1⅝"	½"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8½"	153'-0"	122	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1¼"	¾"	1 7/32"	⅜"	6¾"	3½"	1⅝"	½"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8½"	162'-0"	130	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1¼"	¾"	1 7/32"	⅜"	7"	3½"	1¾"	½"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE — Sign Height																					
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"
W6x9	½" x 1½"	½" x 1½"	½" x 1½"	½" x 1½"	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
W6x15	½" x 1¾"	½" x 1¾"	½" x 1¾"	⅝" x 2"	⅝" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	——	——	——	——	——	——	——	——	——	——	——	——	——
W8x18	½" x 1¾"	½" x 1¾"	½" x 1¾"	½" x 1¾"	⅝" x 2"	⅝" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	——	——	——	——	——	——	——	——	——	——	——	——
W10x22	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2"	⅝" x 2"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	——	——	——	——	——	——	——	——	——
W10x26	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	——	——	——	——	——	——	——	——
W12x26	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	——	——	——	——	——	——	——
W14x30	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2"	⅝" x 2"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	——	——	——	——	——
W14x38	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	⅞" x 2½"	⅞" x 2½"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"
W16x45	——	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	⅞" x 2½"	⅞" x 2½"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

(1) Quantity includes all concrete necessary for one foundation.

(2) Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2 2-17-2017

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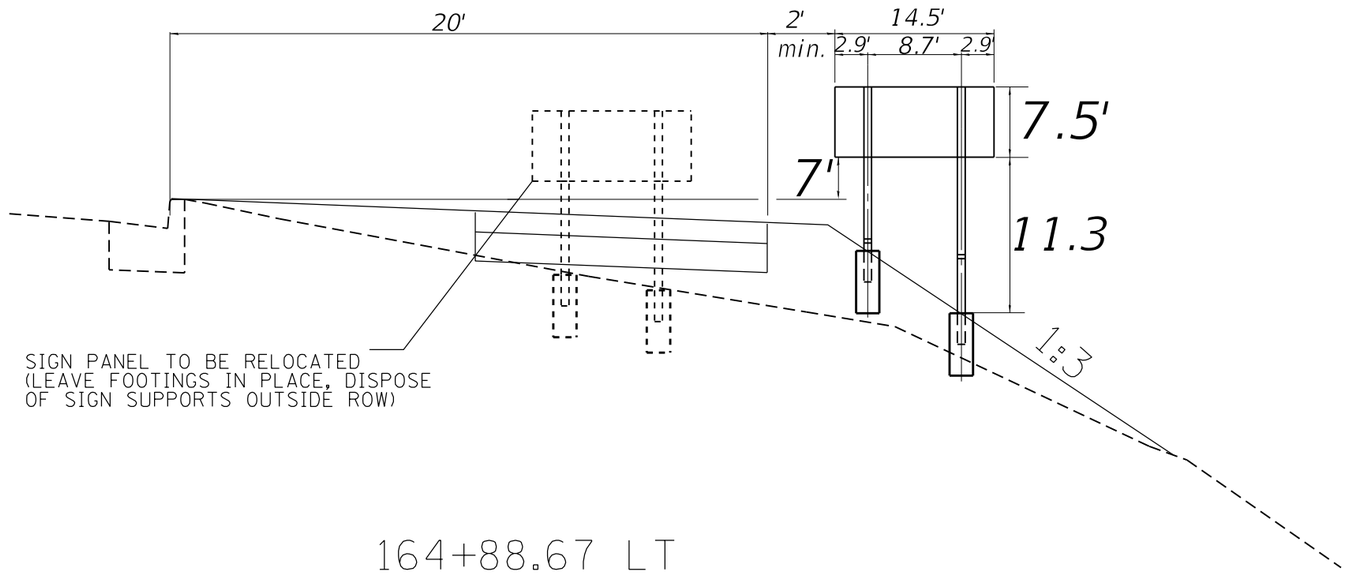
PLOT DATE = 6/23/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE STEEL SIGN POST TABLES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	67
		CONTRACT NO. 87706		
		ILLINOIS	FED. AID PROJECT	



164+88.67 LT

	NUMBER AND SIZE OF POSTS	SIGN DIMENSION	POST LENGTH 1*	POST LENGTH 2*	STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	CONCRETE FOUNDATIONS
LOCATION						
STA 164+88	2-W10X22	14.5'X7.5'	15.9'	18.8'	895.4 POUNDS	2.36 CU YD

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	DRAWN -	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN RELOCATION STA 164+88 LT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	68
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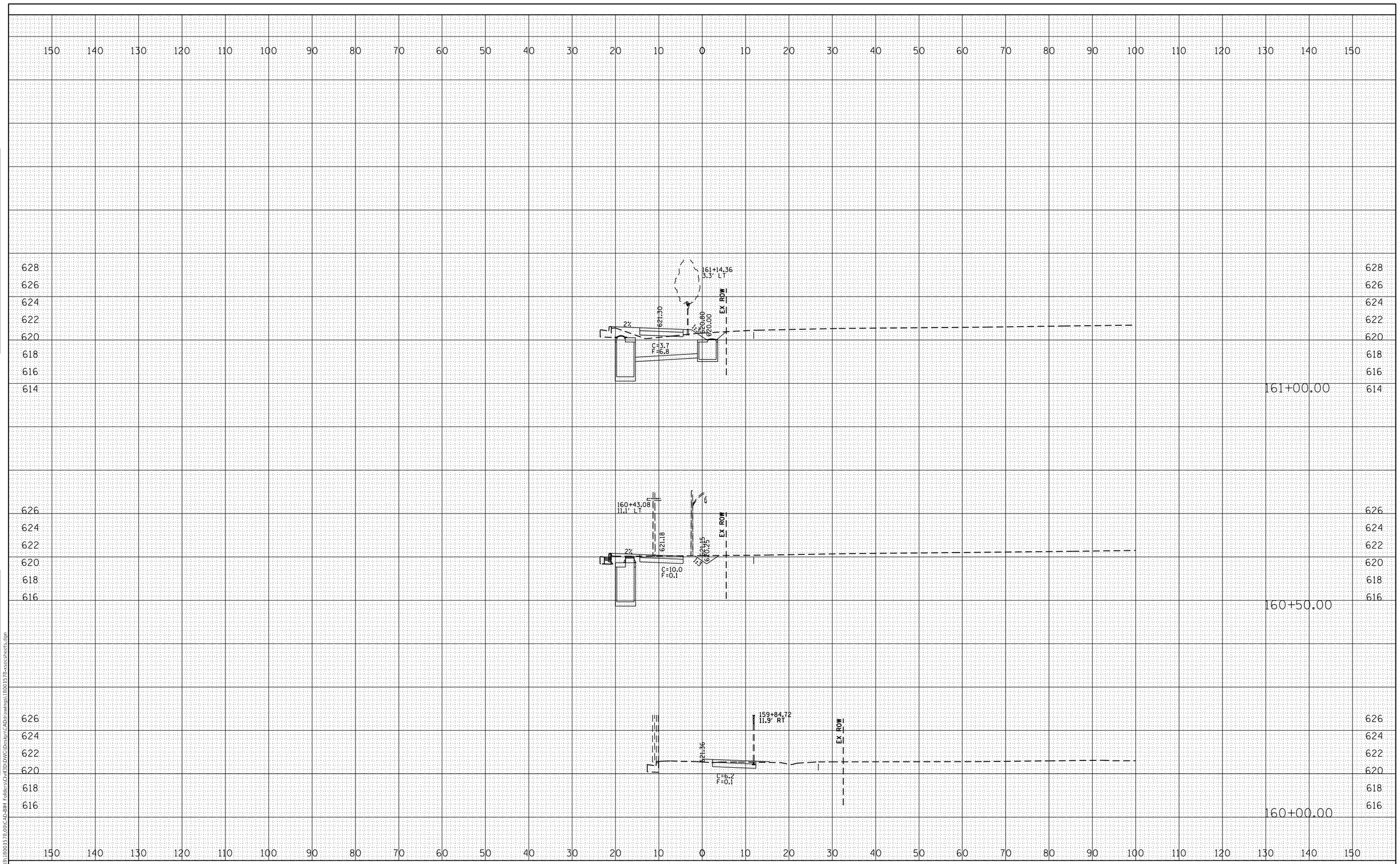

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	69
		CONTRACT NO. 87706		
		ILLINOIS FED. AID PROJECT		

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

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

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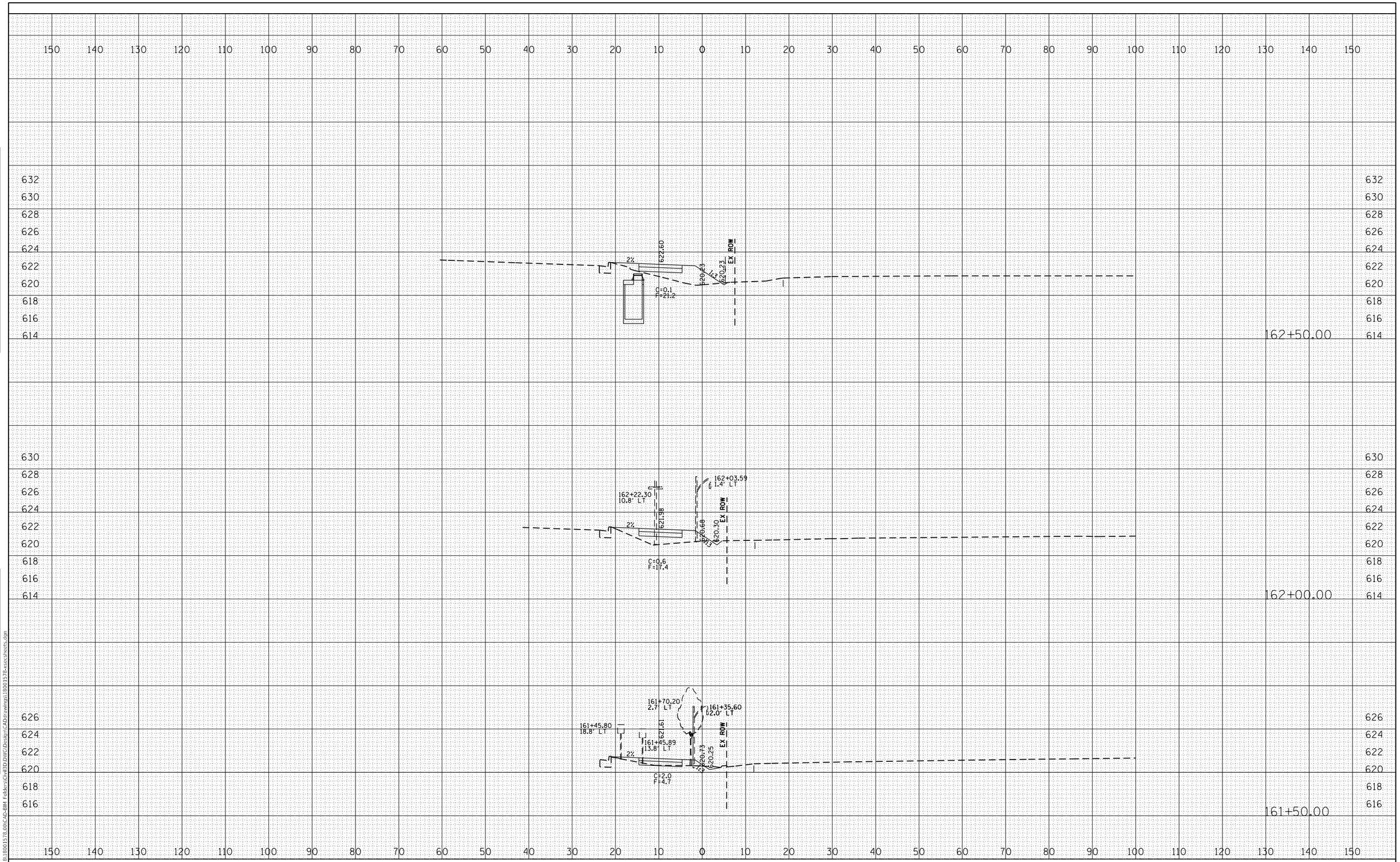

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PLOT DATE = 7/20/2019	DATE -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	70
		CONTRACT NO. 87706		
		ILLINOIS	FED. AID PROJECT	

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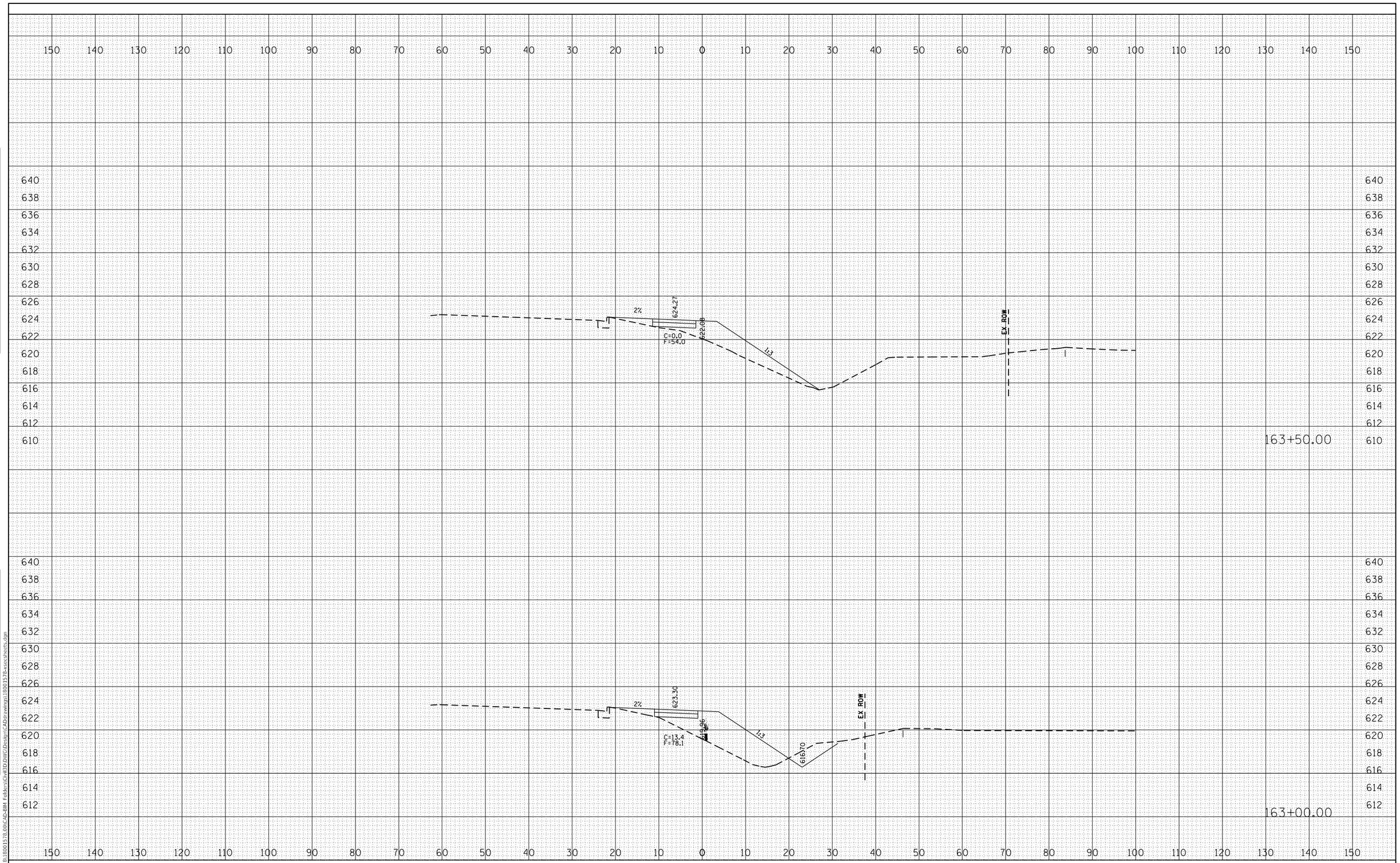

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	AREAS CHECKED		

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	AREAS		
	AREAS CHECKED		

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PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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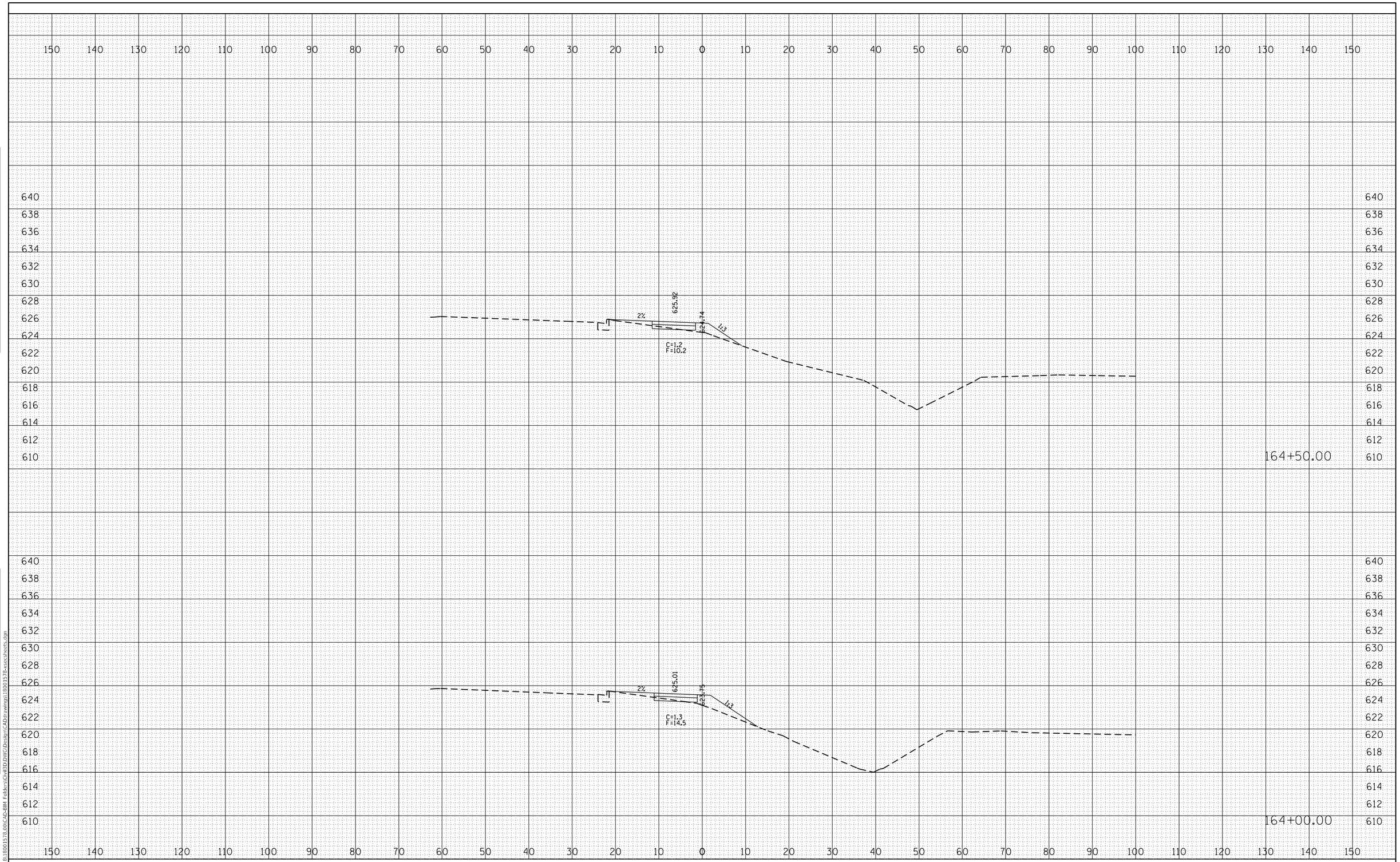

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ORIGINAL SURVEY

NO.	NOTE BOOK	PAGE	AREAS CHECKED	TEMPLATE	PLOTTED	SURVEYED	BY	DATE

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PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

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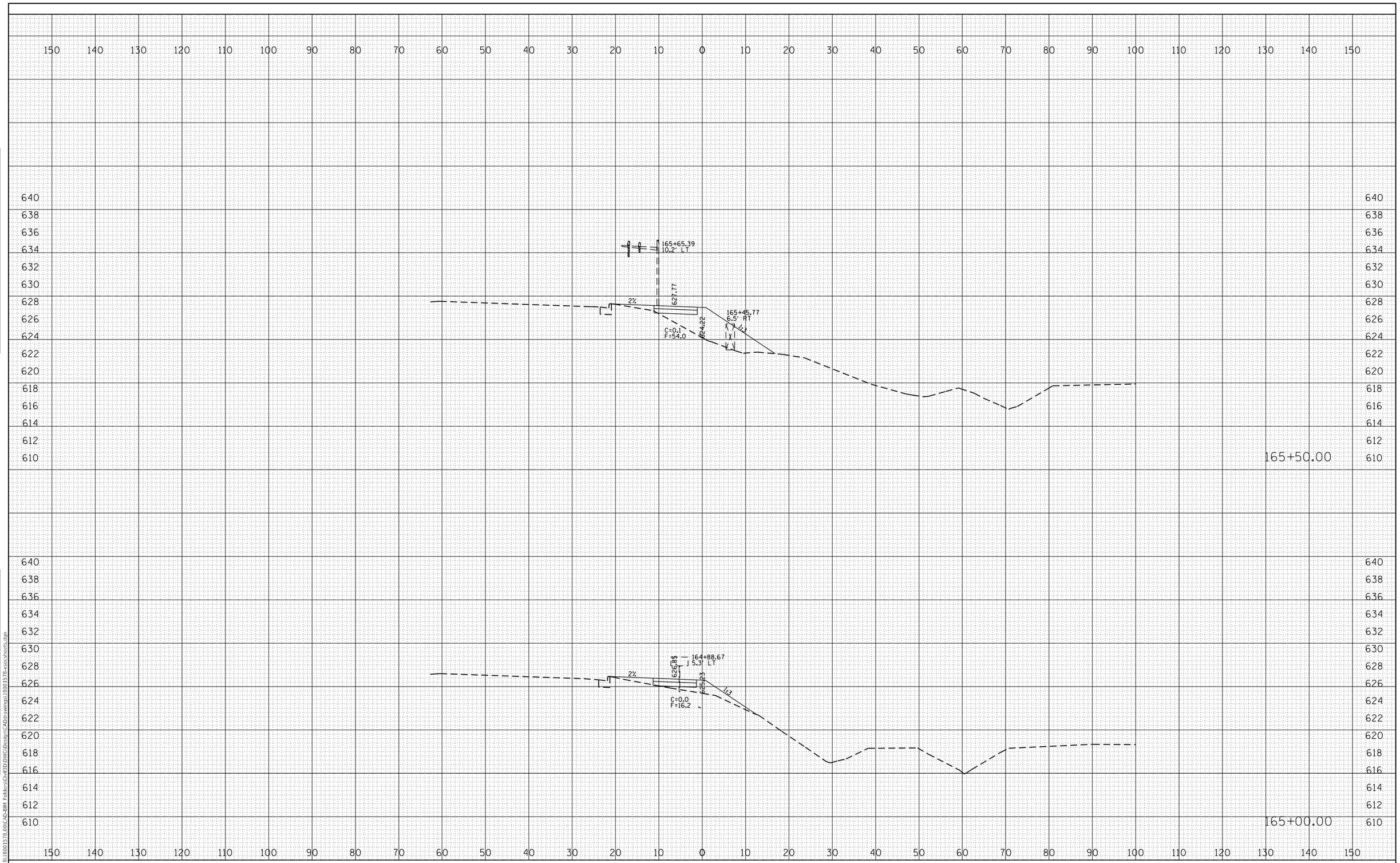
		ILLINOIS	FED. AID PROJECT	



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ORIGINAL SURVEY

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PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

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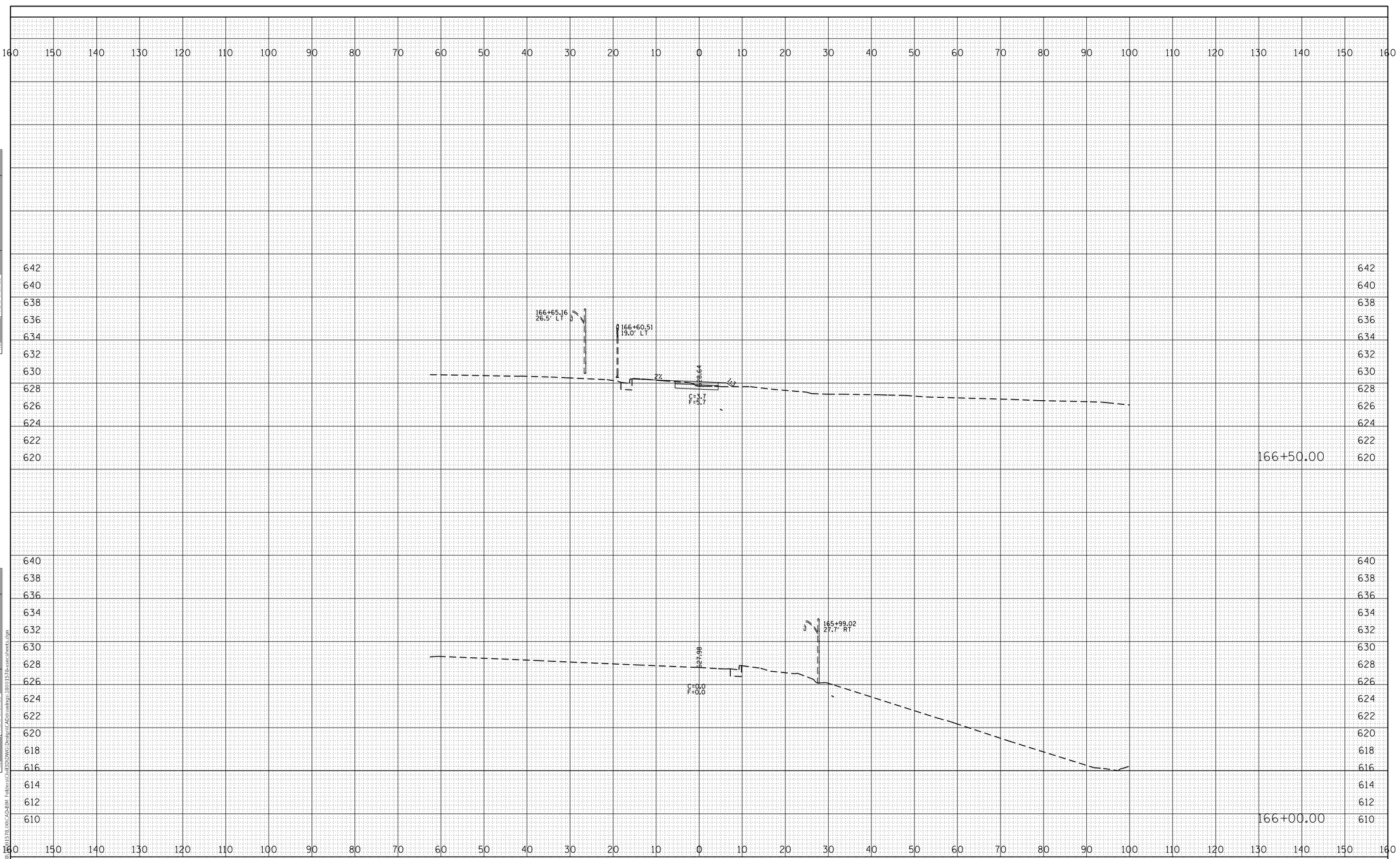
	ILLINOIS	FED. AID PROJECT		



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	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**		SECTION 17-00168-00-BR
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					SHEET NO. 74
					CONTRACT NO. 87706
					ILLINOIS FED. AID PROJECT

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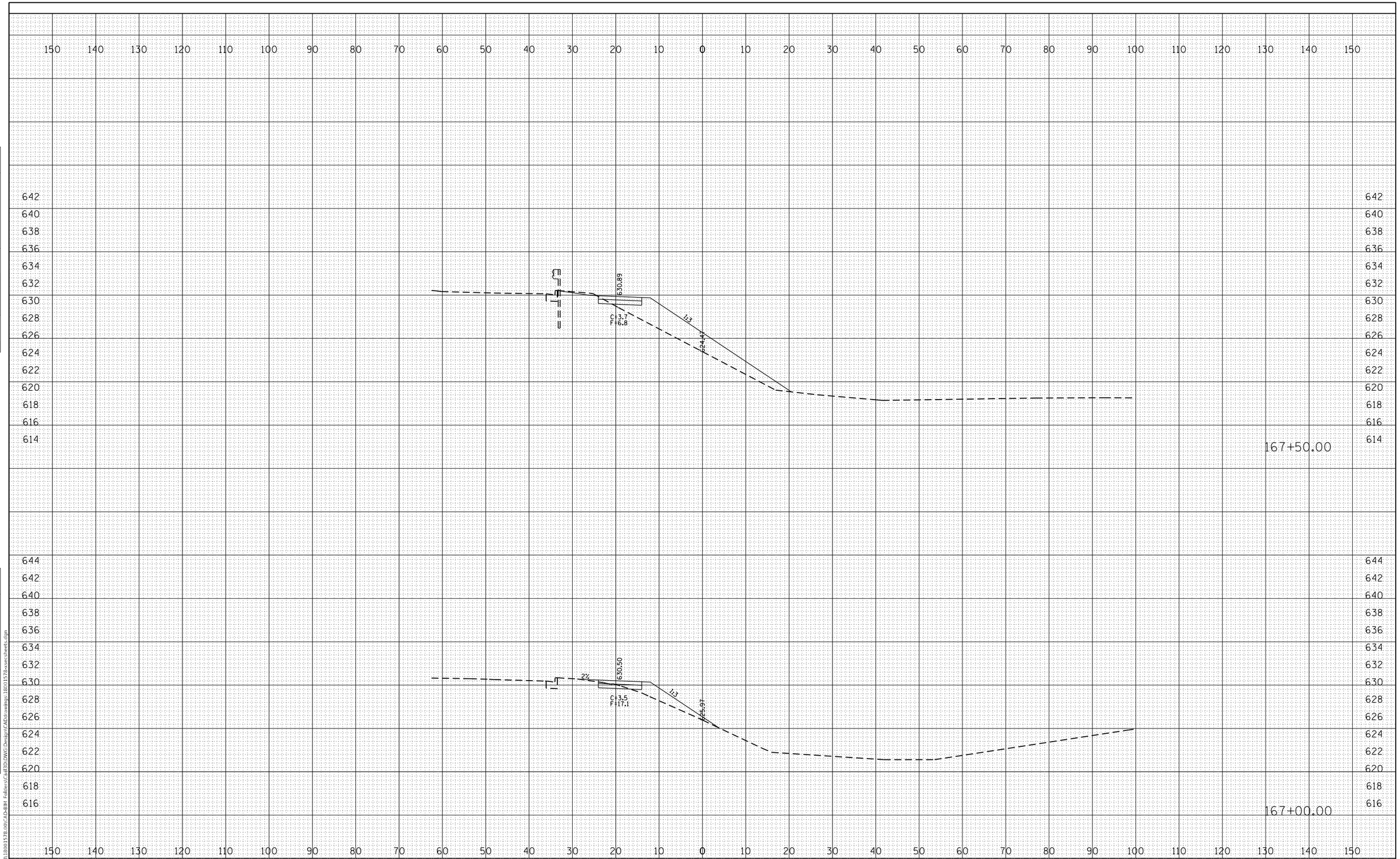
NOTE BOOK	PLOTTED		
NO.	TRIANGLE		
	AREAS		
	AREAS CHECKED		



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NOTE BOOK	PLOTTED		
NO.	TRIANGLE		
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	75
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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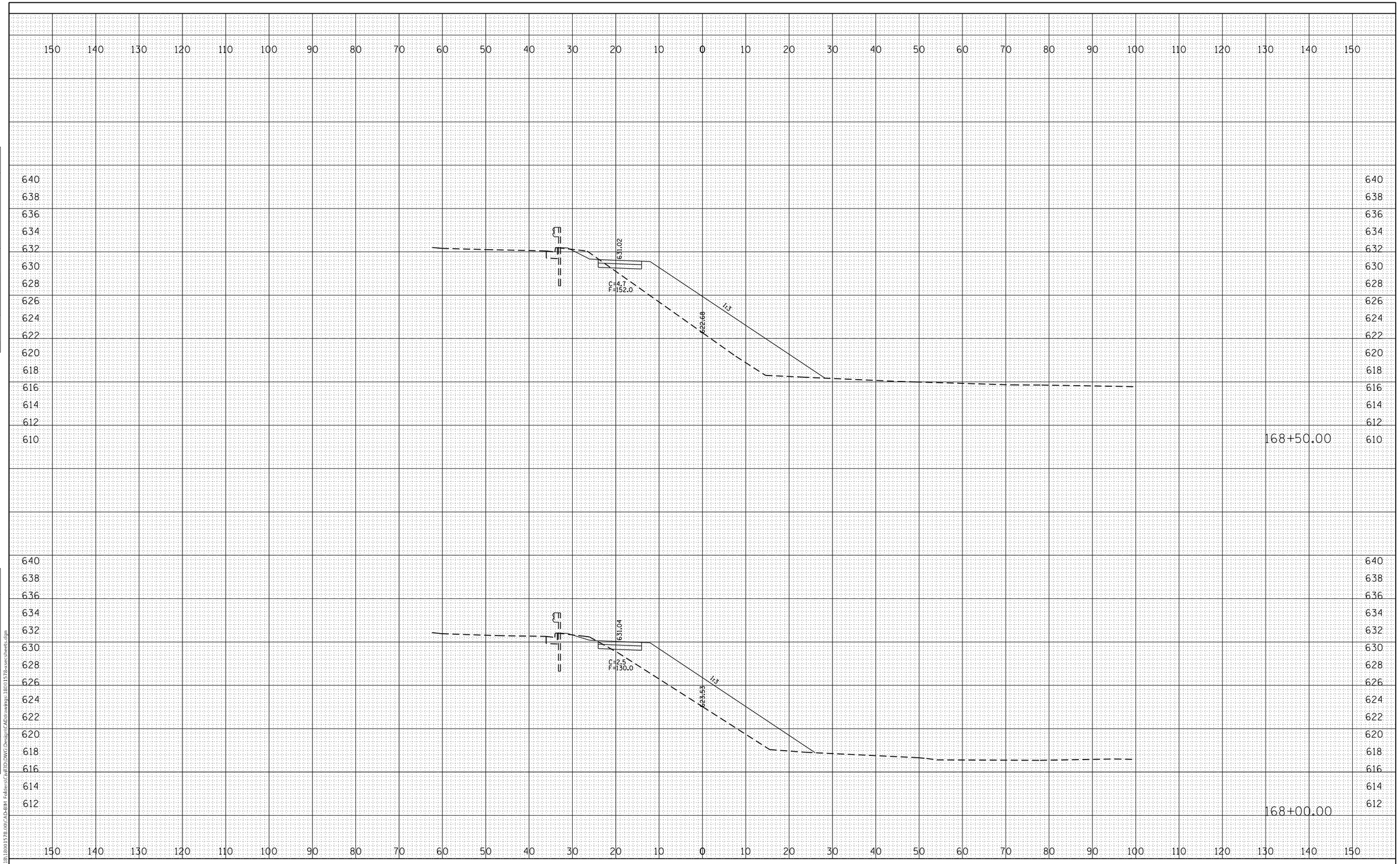


ORIGINAL SURVEY	NOTE BOOK

BY	DATE
SURVEYED	
PLOTTED	
TYPED	
AREAS	
AREAS CHECKED	

MODEL: Default
FILE NAME: G:\2018\18001578\00\CAD-BIM Folders\Civil3D-DWG Design\CAD\drawings\18001578xsec-sheets.dgn

USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	76
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

636 634 632 630 628 626 624 622 620 618 616 614 612 610 608 606

632.18

617.60

169+50.00

640 638 636 634 632 630 628 626 624 622 620 618 616 614 612 610

169+04.53
26.4' LT

631.17

C=0.0
T=437.0

1:3

622.96

EXTEND STORM SEWER @ STA 169+21

169+00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil\3D-DWG Design\CAD\drawings\18001578xsec-sheets.dgn

USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

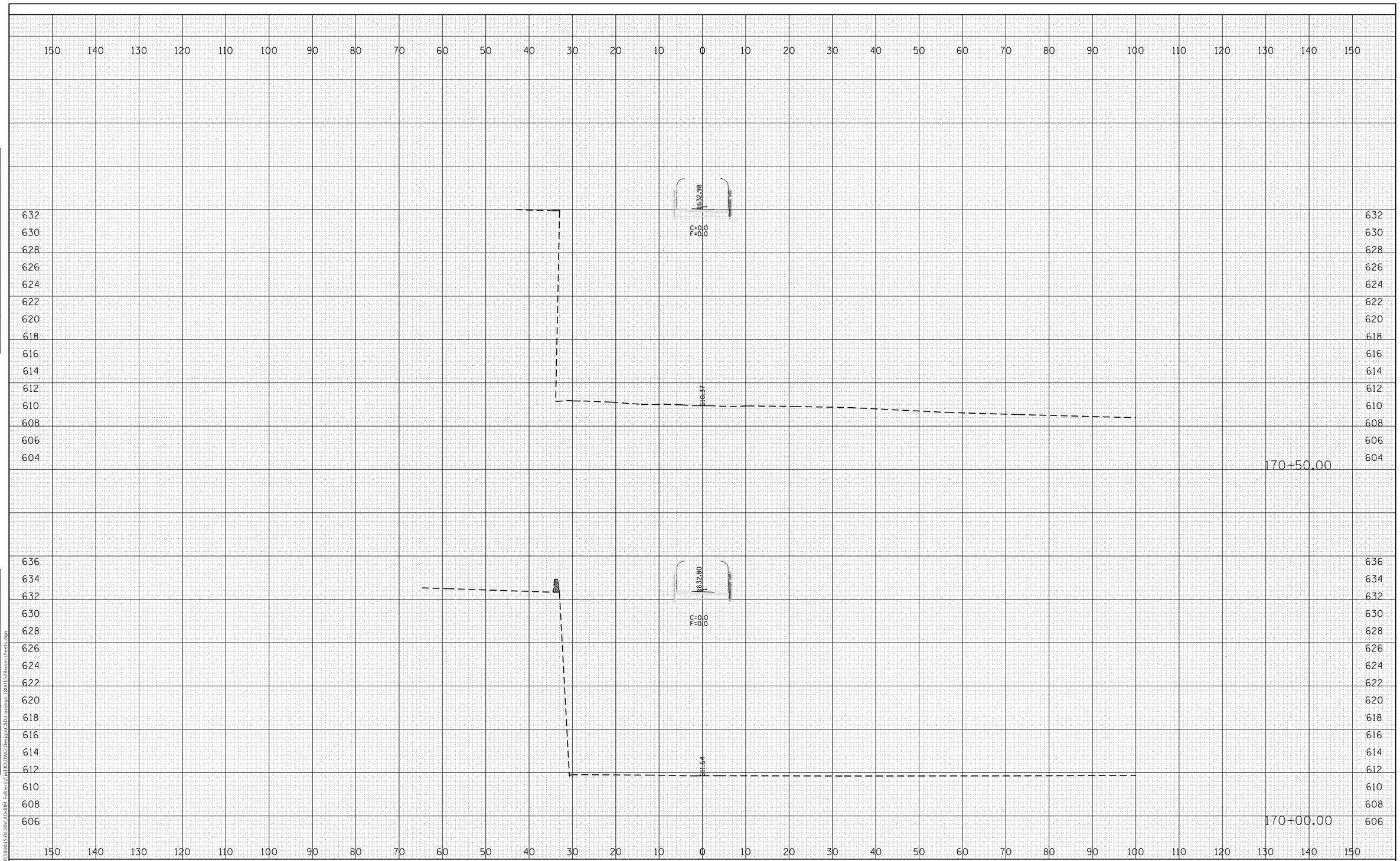
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	77
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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



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

MODEL: Default
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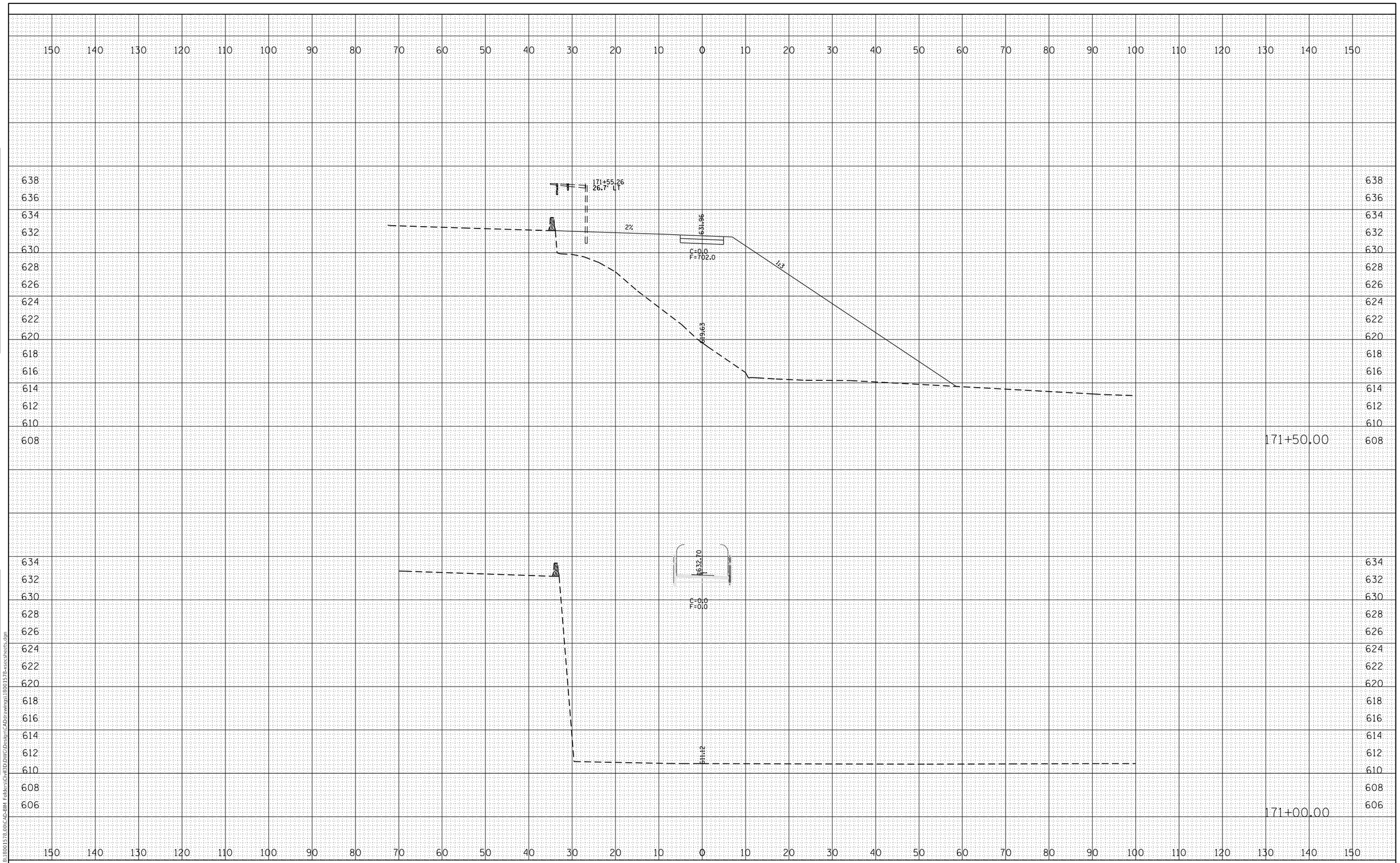
USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	78
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		



USER NAME = Patrick.C.Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/20/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

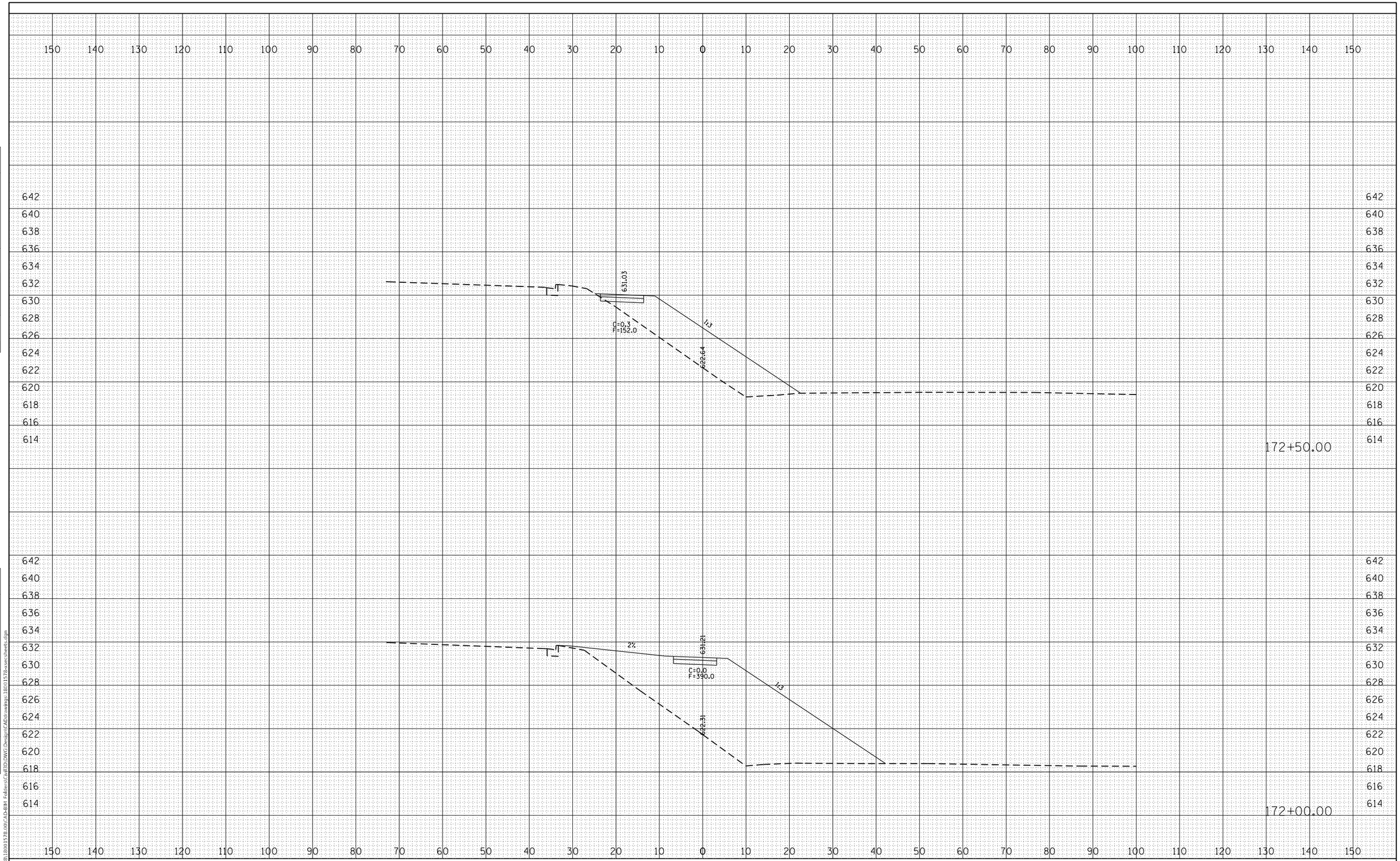
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	79
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D\DWG\Design\CAD\Drawings\18001578-xssecsheets.dgn

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



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

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D-DWG Design\CAD\drawings\18001578xsec-sheets.dgn

USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

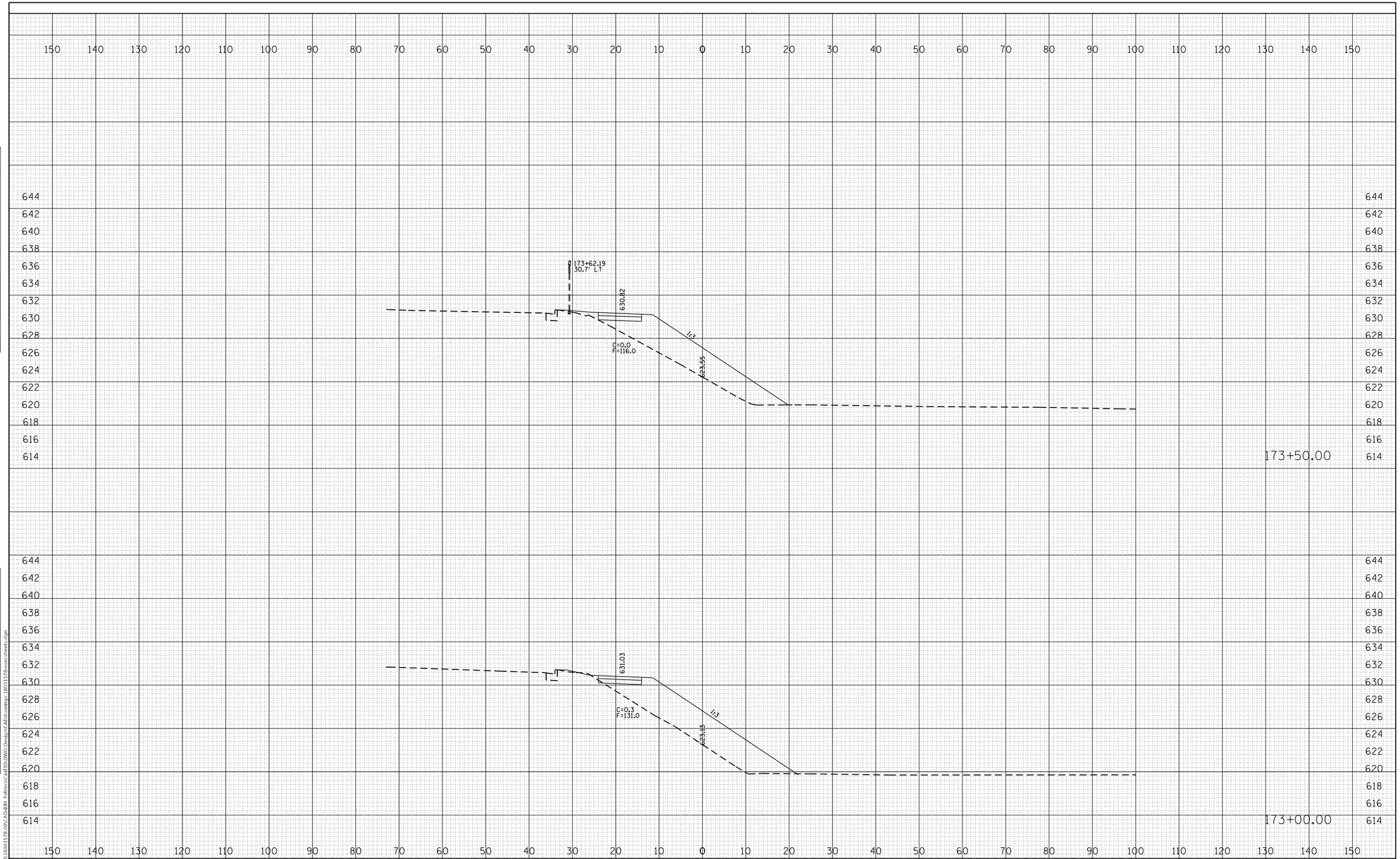
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	80
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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



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

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D-DWG Design\CAD\drawings\18001578xsec-sheets.dgn

USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

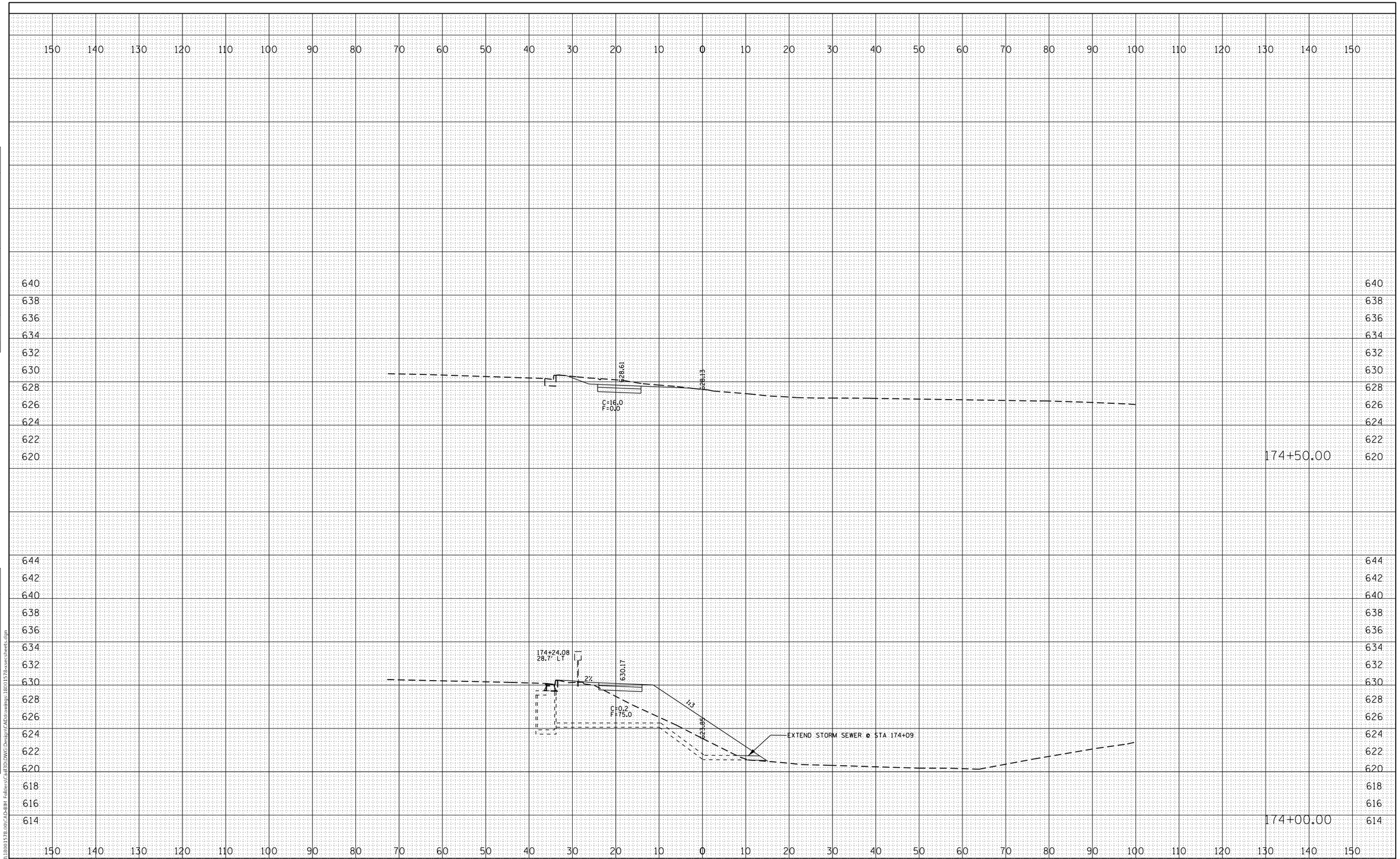
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	81
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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



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

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil\3D-DWG Design\CAD\drawings\18001578xsec-sheets.dgn

USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	82
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

644 642 640 638 636 634 632 630 628 626 624 622 620 618 616 614

175+43.08
17.5' LT

165+45.77
6.5' RT

E=627.09
E=627.33

C=4.5
T=47.5

1:3

175+50.00

E=627.79

C=0.0
T=0.0

175+00.00

644 642 640 638 636 634 632 630 628 626 624 622 620 618 616 614

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil\3D-DWG Design\CAD\drawings\18001578xsec-sheets.dgn

USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

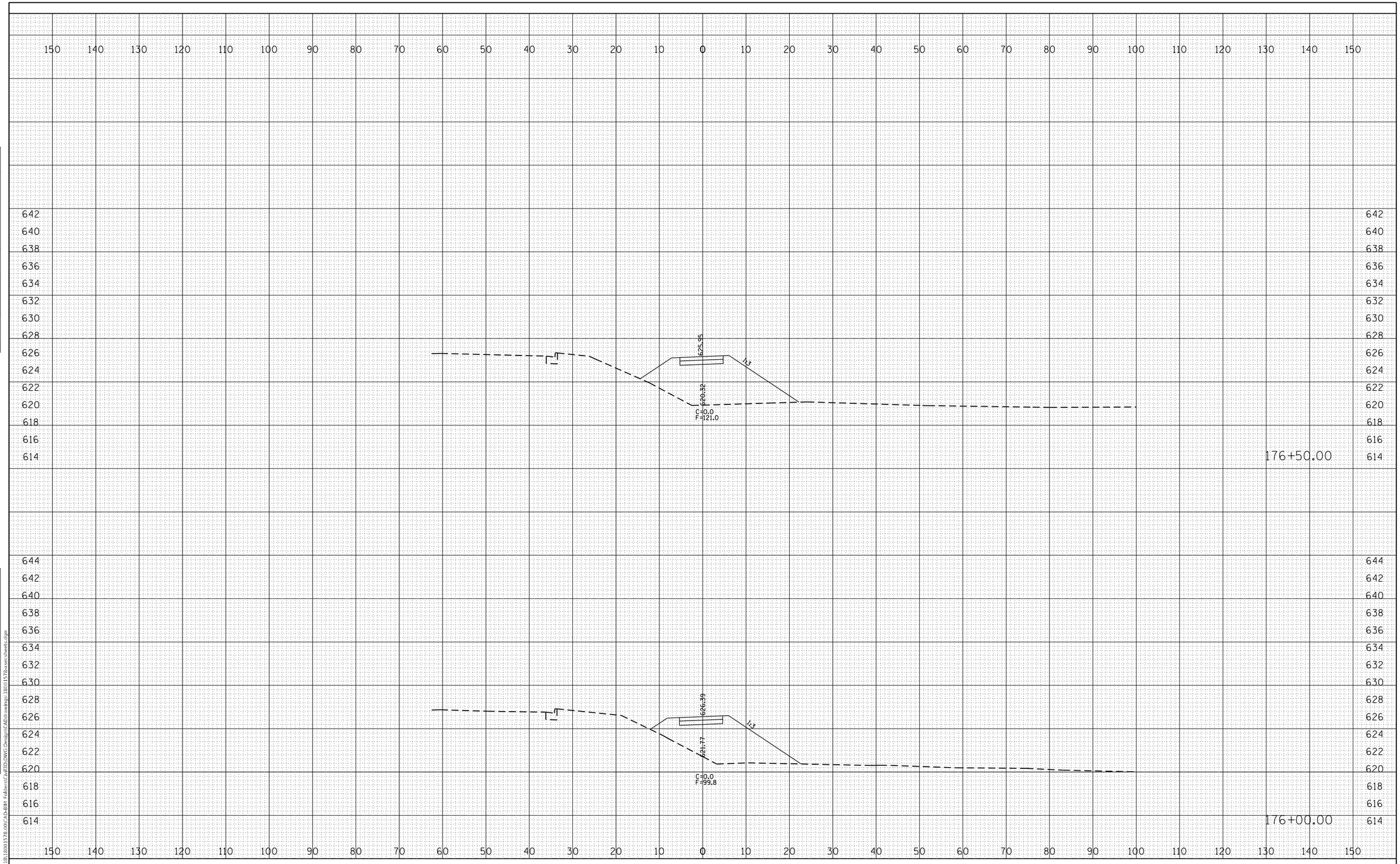
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	83
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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



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

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil3D-DWG Design\CAD\drawings\18001578xsec-sheets.dgn

USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

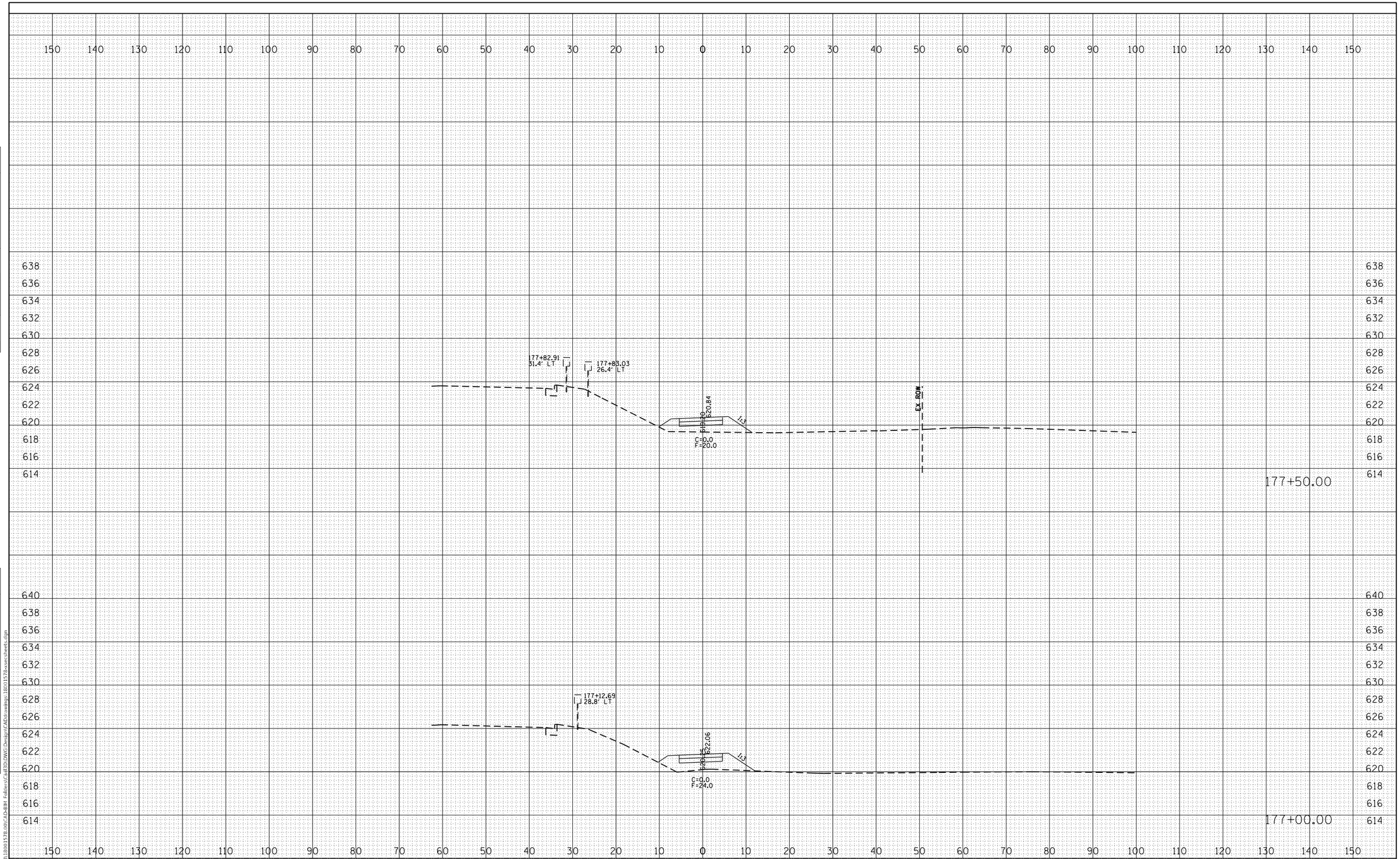
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	84
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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



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

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD-BIM Folders\Civil 3D-DWG Design\CAD\drawings\18001578xsec-sheets.dgn

USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

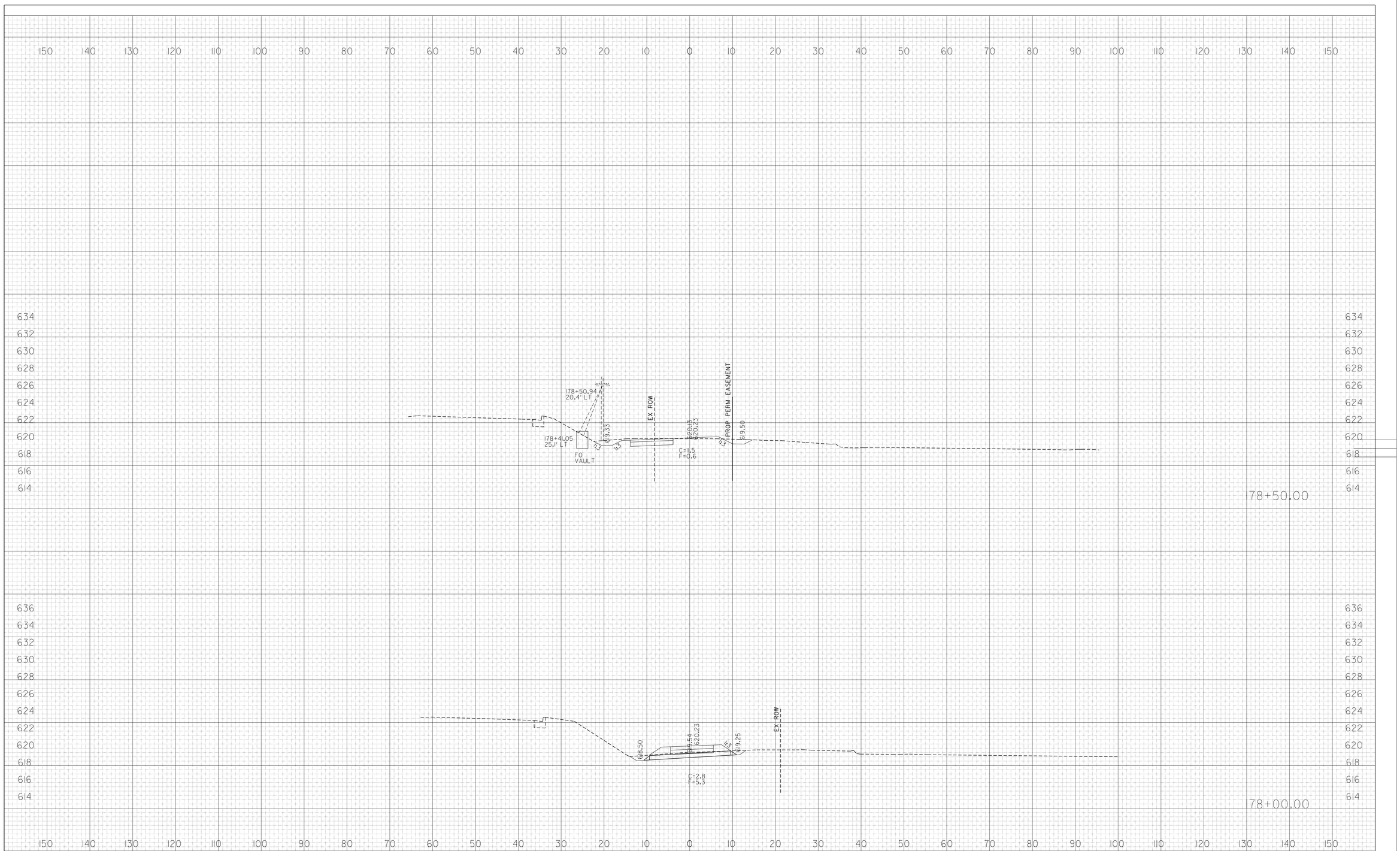
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	85
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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



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

MODEL: $MODELNAME$
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USER NAME = $USER$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = $DATE$	DATE -	REVISED -

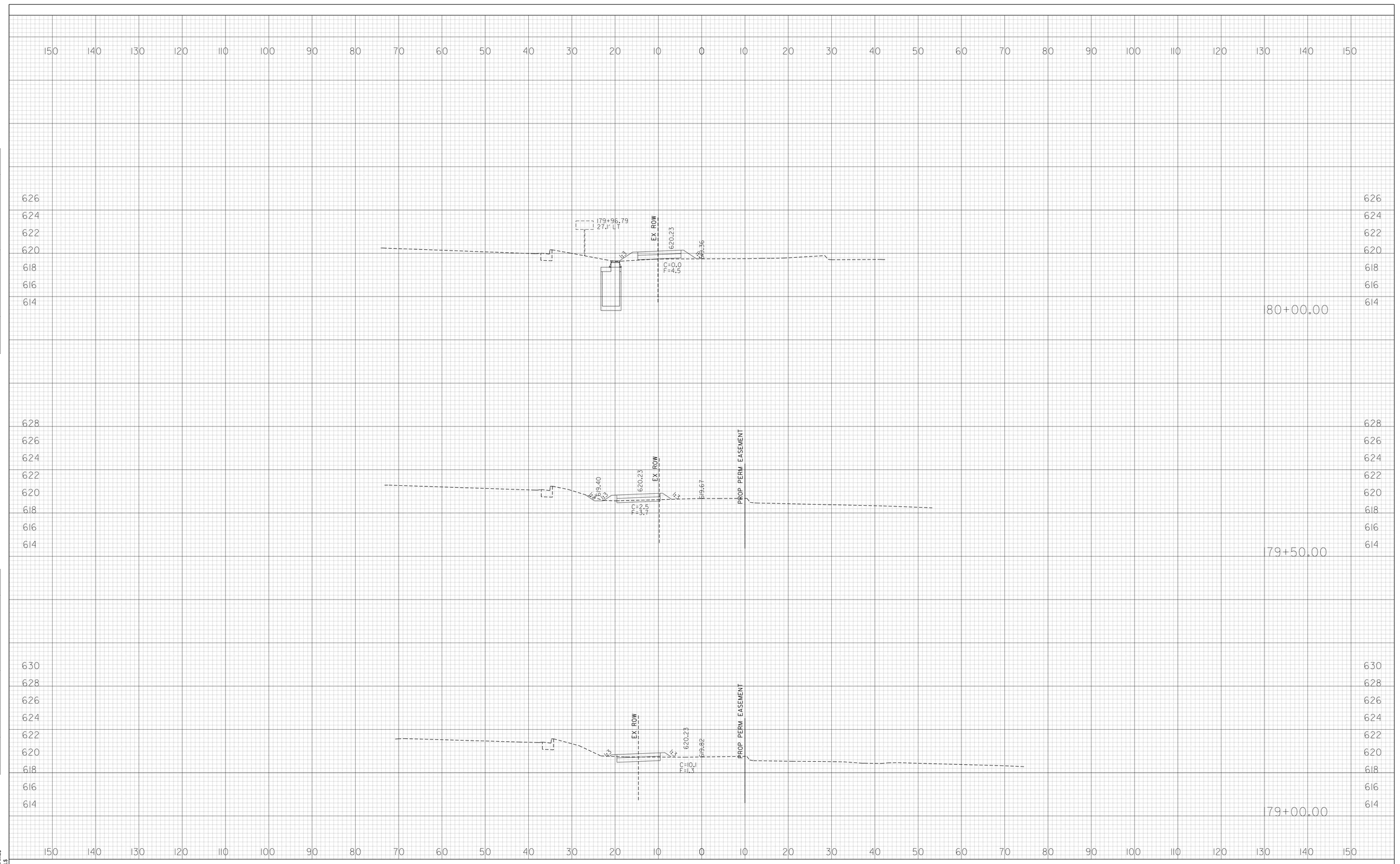
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	86
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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



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

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = $DATE$	DATE -	REVISED -	

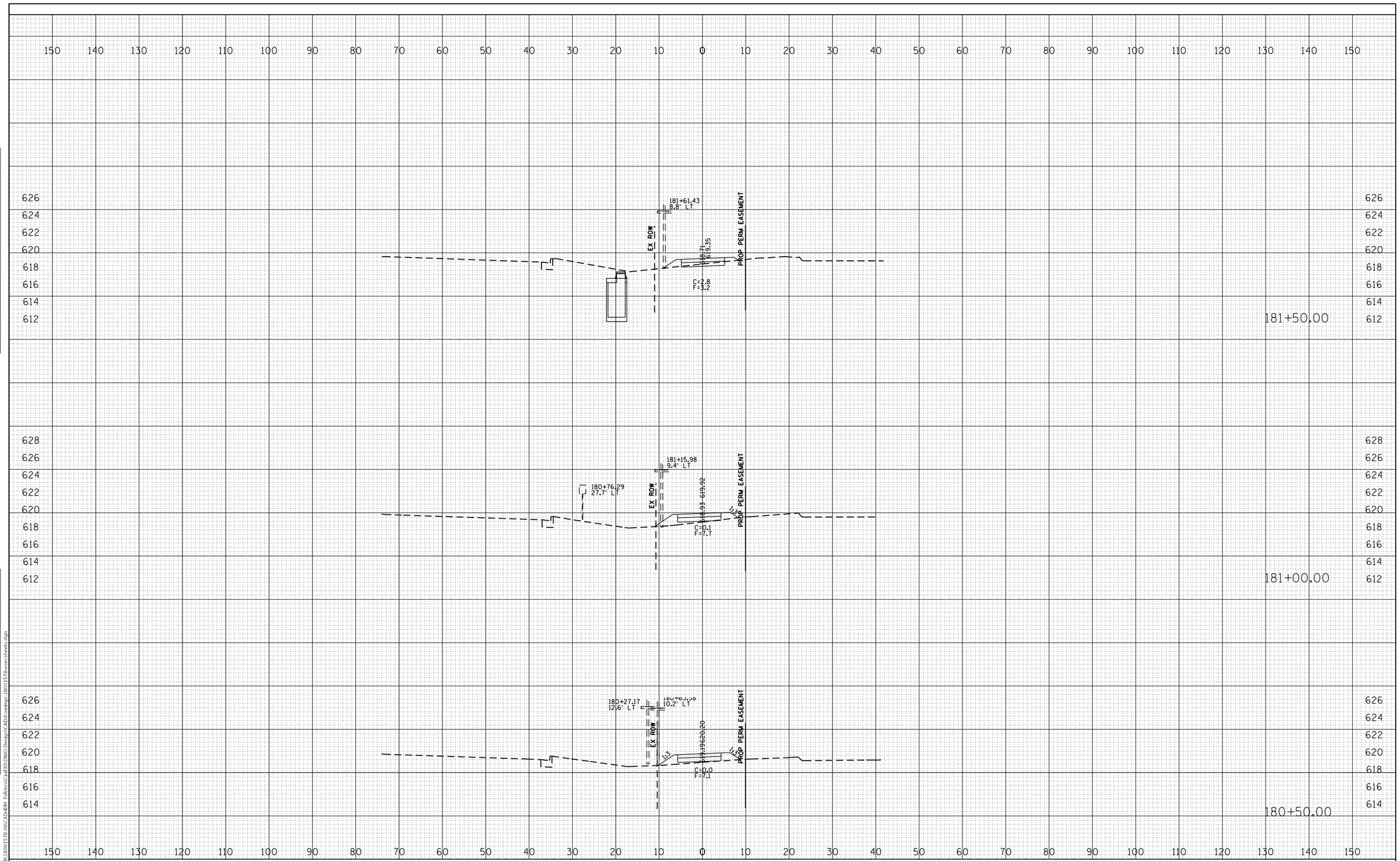
SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	87
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		

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

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



USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

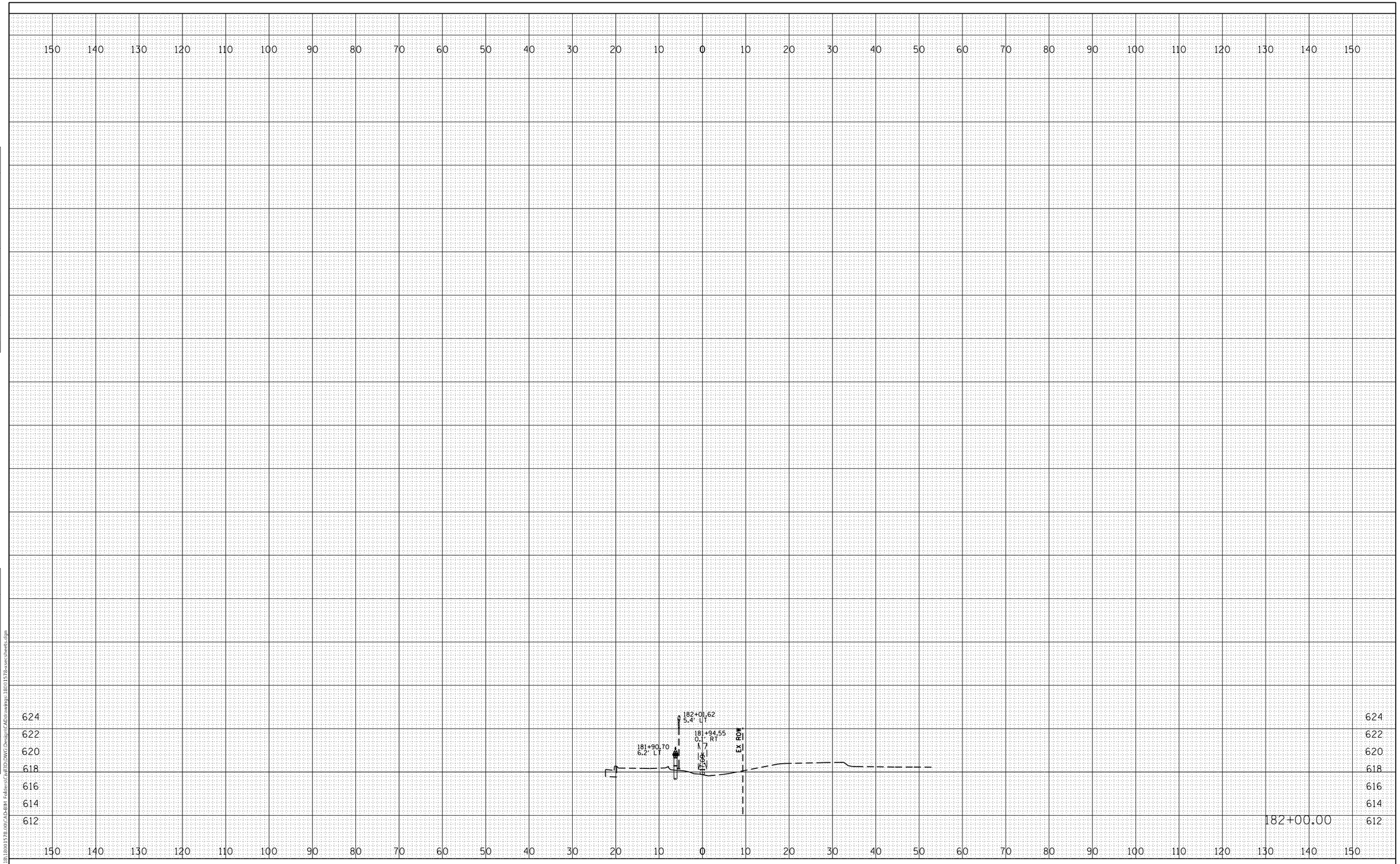
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	88
		CONTRACT NO. 87706		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: G:\2018\18001578.00\CAD+BIM Fallines\Civil 3D\DWG\Design\CADd\wlings-18001578-xsect-sheets.dgn

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

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



MODEL: Default
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USER NAME = Patrick,C,Braboy	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.64 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHARED-USE PATH CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	17-00168-00-BR	LASALLE	89	89
		CONTRACT NO. 87706		
	ILLINOIS	FED. AID PROJECT		