

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
42	9-2CR-1	WASHINGTON	55	1
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

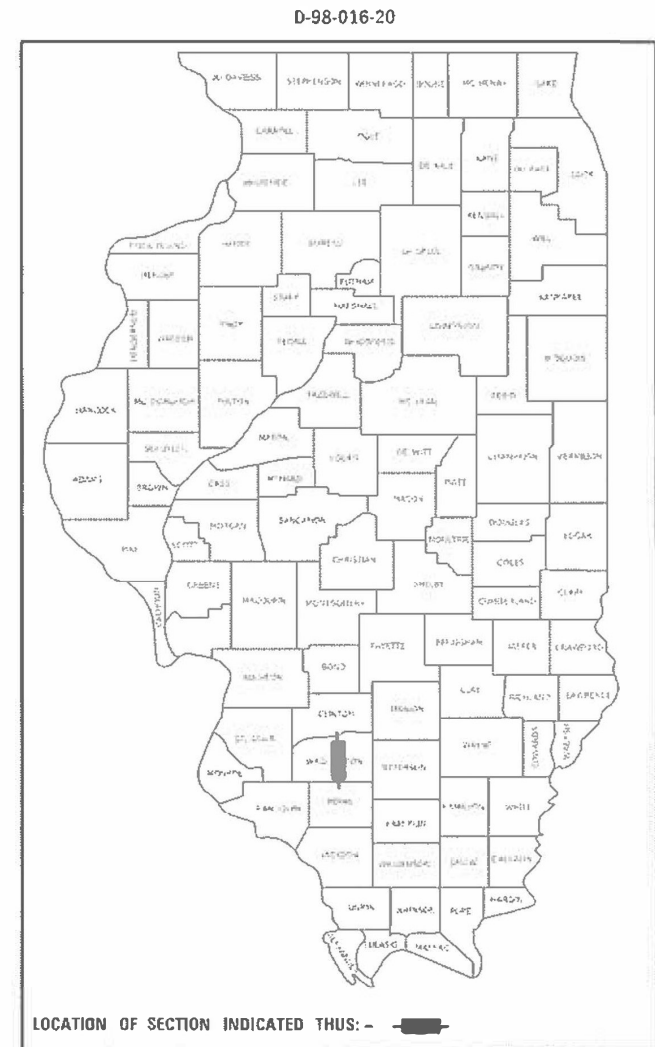
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**PROPOSED
HIGHWAY PLANS**

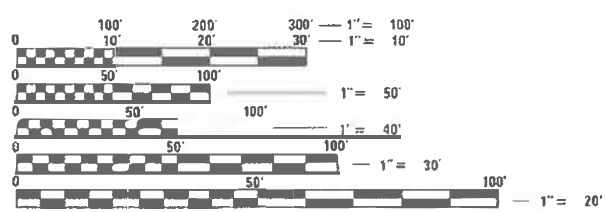
FAP ROUTE 42 (IL RTE 127)
OVER S. MID TRIBUTARY LOCUST CREEK
SECTION 9-2CR-1
PROJECT NHPP-044M(804)
CULVERT REPLACEMENT
WASHINGTON COUNTY

C-98-030-20



WILLETTT HOFMANN
& ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING

509 EAST 2ND STREET, DIXON, IL 61021-0367
T 815-784-3381 DESIGN FIRMS: 184-000918



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.

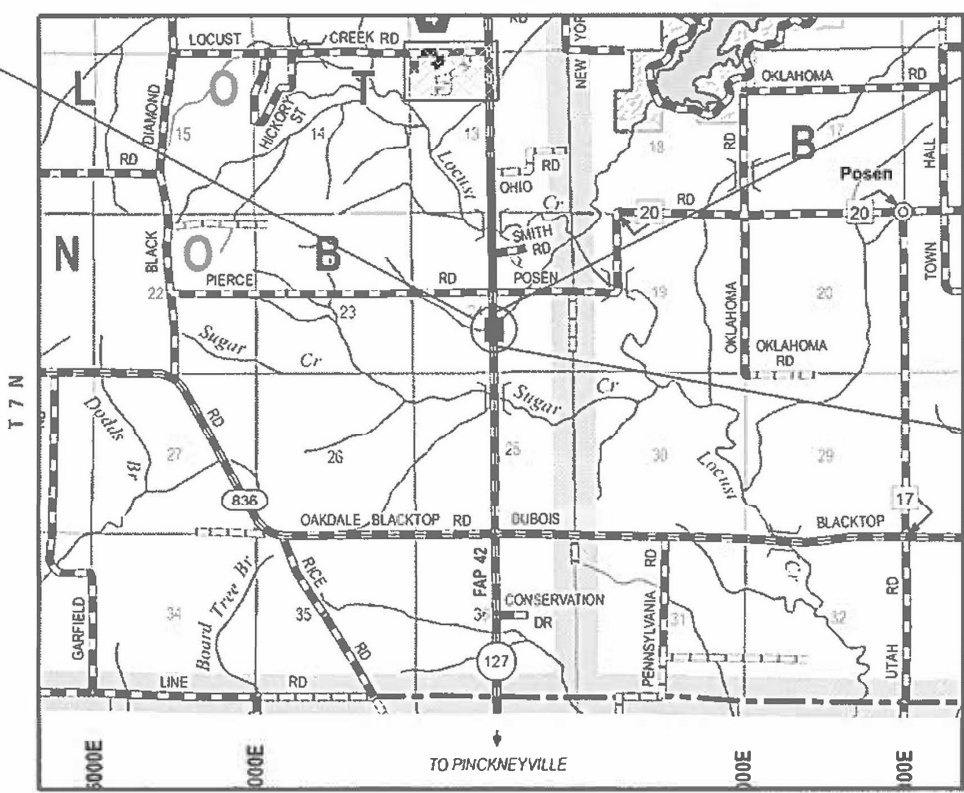
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: BILLIE OWEN, P.E.
PROJECT MANAGER: MEIJU AN, P.E.

CONTRACT NO. 76M88

EXISTING STRUCTURE: SN 095-2469
A SINGLE BARREL (7'-0" X 6'-0" X 37'-0")
REINFORCED CONCRETE BOX CULVERT
WITH CAST IN PLACE WING WALLS

PROPOSED STRUCTURE: 095-2403
A DOUBLE (7'-0" X 6'-0") PRECAST
BOX CULVERT AT STA 620+67
SKEWED 20° RT. AHEAD.



PROJECT ENDS
STATION 624+00.00
LAT: 38° 14' 56.02"N
LONG: 89° 22' 48.68"W

PROJECT BEGINS
STATION 617+39.5
LAT: 38° 14' 49.47"N
LONG: 89° 22' 48.64"W

OVERALL LENGTH = 660.5 FT. = 0.125 MILE
PAVEMET LENGTH = 100.0 FT. = 0.019 MILE



DATE: 8-14-23
EXPIRES 11/30/23

FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL

2021 ADT = 4300
2024 ADT = 4350
2044 ADT = 5400

P.V. = 91% M.U. = 6.4% SU = 2.8%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 23, 2023

Kevin H. Brown
REGIONAL ENGINEER

October 13, 2023

Steph M. Smith
ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2023

Steph M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006-00	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-09	CLASS B PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIDGID PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS ≥ 45MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701321-18	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

1. THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKINGS, AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.
3. THE TWO (2) CHANGEABLE MESSAGE SIGNS REQUIRED FOR THIS PROJECT SHALL BE IN PLACE AND OPERATION TWO (2) WEEKS PRIOR TO ANY LANE CLOSURE AT LOCATIONS DETERMINED BY THE ENGINEER. THE ENGINEER WILL PROVIDE THE MESSAGE TO THE CONTRACTOR FOR THE TWO (2) WEEKS PRIOR TO CONSTRUCTION AND DURING CONSTRUCTION.
4. ALL ELEVATIONS REFER TO THE USGS MEAN SEA LEVEL DATUM, NAVD 88.
5. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:
 AT&T ILLINOIS
 CLEARWAVE COMMUNICATIONS
 EGYPTIAN TELEPHONE COOP. ASSN.
 TRI-COUNTY ELECTRIC COOPERATIVE, INC
 WASHINGTON COUNTY

COMMITMENTS

1. TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.
2. ALL LANES OF IL ROUTE 127 SHALL BE OPEN TO TRAFFIC DURING THE 2024 SOLAR ECLIPSE FROM 7:00 A.M. ON SATURDAY APRIL 6TH, 2024 THROUGH 10:00 P.M. ON MONDAY APRIL 8TH, 2024.

MIXTURE REQUIREMENTS				
ROUTE	FAP 42 (IL127)		ADT (CONST YR)	4350
SECTION	9-2CR-1		MU %	6.4
COUNTY	WASHINGTON		SU %	2
CONTRACT	76M88		20 YR. ESAL'S	1.58
DESCRIPTION	CULVERT REPLACEMENT ON IL 127 AT S. MID TRIB TO LOCUST CREEK, 6.7 MILES SOUTH OF IL 15 (OLD SN 095-2469) (NEW SN 095-2403)			
	SHOULDER ≤ 8 FEET WIDE			
MIXTURE USE	SHOULDER (LOWER)	SHOULDER (SURFACE)		
AC / PG	PG 64-22	PG 64-22		
DESIGN AIR VOIDS	4.0% @ NDES = 30	4.0% @ NDES = 30		
MIX COMPOSITION (GRADATION)	IL 19.0 L	IL 9.5 L		
FRICTION AGG				
QUALITY MGMT PROGRAM	QC / QA	QC / QA		
MAT TRAN DEV REQUIRED?	NO	NO		

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LBS / SQ YD / INCH
 ANY QCP PAY ITEM THAT HAS A QUANTITY OF 1600 TONS OR LESS WILL HAVE TWO SUBLOTS EACH OF WHICH WILL BE HALF OF THE PLAN QUANTITY OR HALF OF THE ADJUSTED QUANTITY BY THE ENGINEER / TECHNICIAN.

REV. - MS

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PLOT DATE = 8/18/2023	CHECKED = GBG	REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS

SHEET NO. 1 OF 1 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	2
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED / 20% STATE	
				ROADWAY	
				0004	
				RURAL	
20100500	TREE REMOVAL, ACRES	ACRE	0.06		0.06
20700220	POROUS GRANULAR EMBANKMENT	CU YD	260		260
25000210	SEEDING, CLASS 2A	ACRE	0.31		0.31
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	29		29
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	29		29
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	29		29
25100630	EROSION CONTROL BLANKET	SQ YD	1,457		1,457
28000400	PERIMETER EROSION BARRIER	FOOT	657		657
28100105	STONE RIPRAP, CLASS A3	SQ YD	85		85
28100109	STONE RIPRAP, CLASS A5	SQ YD	122		122
28200200	FILTER FABRIC	SQ YD	207		207
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	457		457
44000100	PAVEMENT REMOVAL	SQ YD	423		423
44200050	WELDED WIRE REINFORCEMENT	SQ YD	267		267

* INDICATES SPECIAL PROVISION + INDICATES SPECIALITY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET 01 OF 04 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	3
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FED / 20% STATE	
				ROADWAY	
				0004	RURAL
44201106	CLASS B PATCHES, TYPE IV, 20 INCH	SQ YD	267	267	
44201299	DOWEL BARS 1 1/2"	EACH	132	132	
* 44213200	SAW CUTS	FOOT	76	76	
44213204	TIE BARS 3/4"	EACH	47	47	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	267	267	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	156	156	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	7,480	7,480	
51500100	NAME PLATES	EACH	1	1	
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	537.0	537.0	
54003000	CONCRETE BOX CULVERTS	CU YD	49	49	
54010706	PRECAST CONCRETE BOX CULVERTS 7' X 6'	FOOT	108	108	
+ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	212.5	212.5	
+ 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	75.0	75.0	

* INDICATES SPECIAL PROVISION

+ INDICATES SPECIALITY ITEM

REV. - MS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET 02 OF 04 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	4
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FED / 20% STATE	
				ROADWAY	
				0004	RURAL
+ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GJARDRAIL REMOVAL	FOOT	560	560	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	200	200	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3	
67100100	MOBILIZATION	L SUM	1	1	
* 70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
* 70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	66	66	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	22	22	
* 70400100	TEMPORARY CONCRETE BARRIER	FOOT	362.5	362.5	
* 70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	325.0	325.0	

* INDICATES SPECIAL PROVISION + INDICATES SPECIALITY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET 03 OF 04 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	5
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAY CODE	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FED / 20% STATE	
				ROADWAY	
				0004	RURAL
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
+ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
+ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,643	2,643	
+ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	9	9	
+ 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	880	880	
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
* X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	691	691	
* X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	1	

* INDICATES SPECIAL PROVISION + INDICATES SPECIALITY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

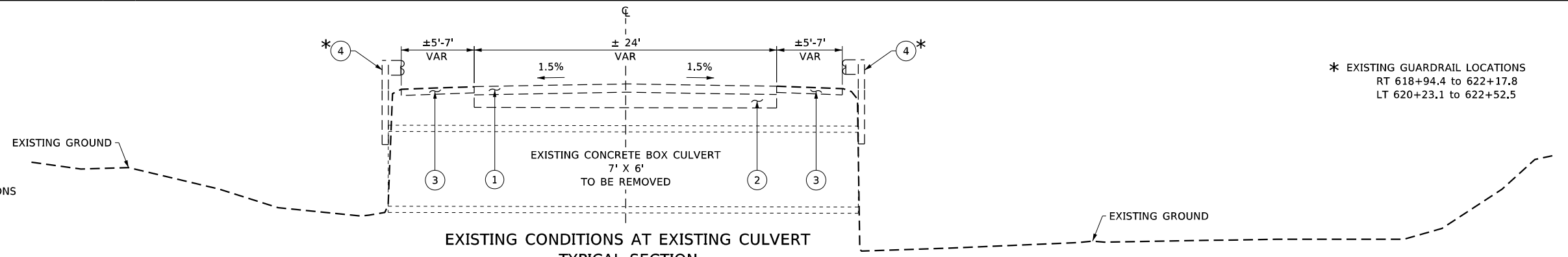
SUMMARY OF QUANTITIES

SHEET 04 OF 04 SHEETS

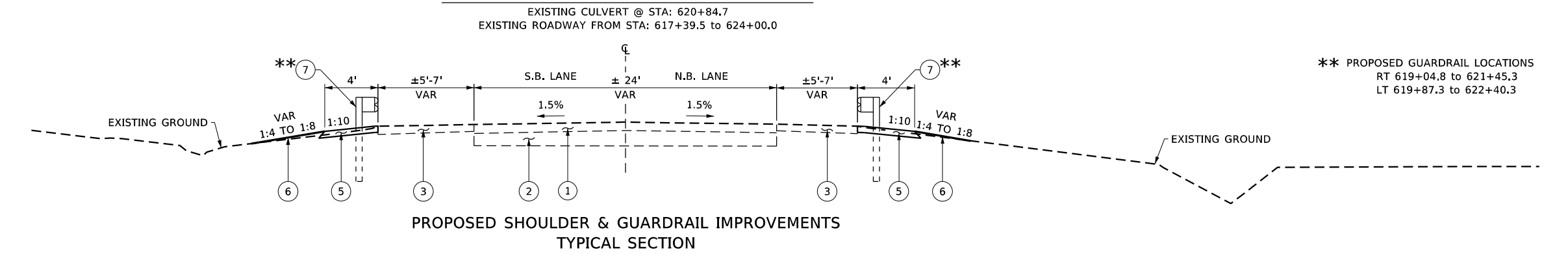
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	6
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

LEGEND

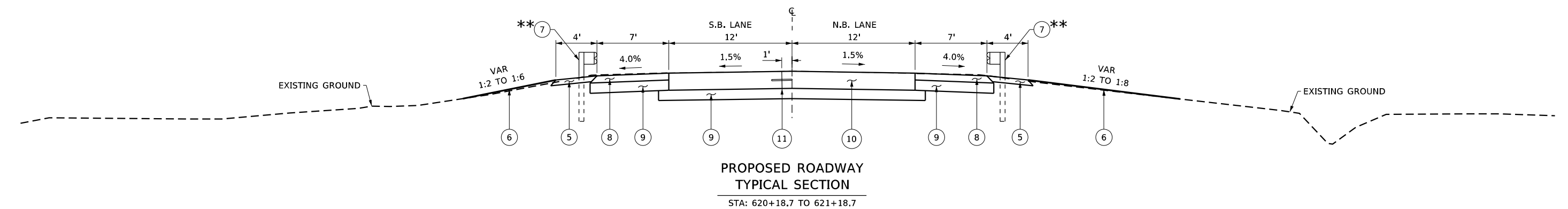
- ① EXISTING HMA PAVEMENT (8")
- ② EXISTING CONC PAVEMENT (12")
- ③ EXISTING HOT-MIX ASPHALT SHOULDERS
- ④ EXISTING GUARDRAIL (TO BE REMOVED)
- ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B (6")
- ⑥ PROPOSED FINISHED GRADE LINE
- ⑦ PROPOSED GUARDRAIL (TYPE A & TYPE B) W/ TYPE 1 (SPECIAL) TANGENT TERMINAL END SECTIONS
- ⑧ PROPOSED HOT-MIX ASPHALT SHOULDERS (8")
- ⑨ PROPOSED AGGREGATE BASE COURSE, TYPE A (12")
- ⑩ PROPOSED CLASS B PATCHES, TYPE IV, 20 INCH
- ⑪ CONSTRUCTION JOINT W/ TIE BARS AT 36" CTS
- ⑫ COMPACTED EARTH FILL
- ⑬ PROPOSED FILTER FABRIC
- ⑭ PROPOSED BEDDING STONE
- ⑮ PROPOSED RIPRAP CLASS A5
- ⑯ PROPOSED RIPRAP CLASS A3



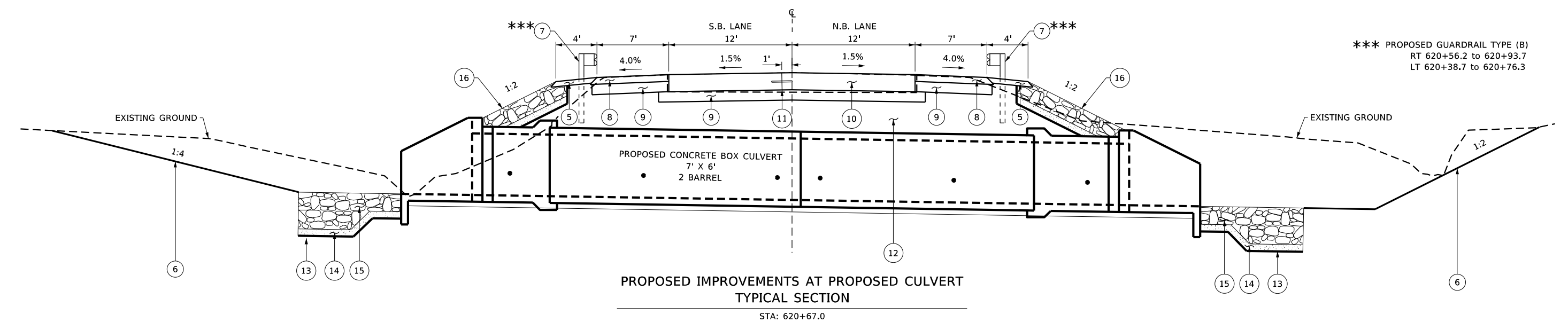
* EXISTING GUARDRAIL LOCATIONS
RT 618+94.4 TO 622+17.8
LT 620+23.1 TO 622+52.5



** PROPOSED GUARDRAIL LOCATIONS
RT 619+04.8 TO 621+45.3
LT 619+87.3 TO 622+40.3



*** PROPOSED GUARDRAIL TYPE (B)
RT 620+56.2 TO 620+93.7
LT 620+38.7 TO 620+76.3



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
FAP RTE. 42	SECTION 9-2CR-1
SHEET 01 OF 01 SHEETS	

COUNTY WASHINGTON	TOTAL SHEETS 35	SHEET NO. 7
CONTRACT NO. 76M88		
ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

SEEDING / RESTORATION & TREE REMOVAL									
			TREE REMOVAL, ACRES	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	PERIMETER EROSION BARRIER
ROAD	STATION / OFFSET	REMARKS	ACRE	ACRE	POUND	POUND	POUND	SQ YD	FOOT
IL RTE 127	RT 620+51.5 to 622+31.4	TREE & SHRUB REMOVAL AS NEEDED	0.06						
IL RTE 127	RT 618+63.3 to 622+30.0	90 LBS PER ACRE		0.17	16	16	16	789	314
IL RTE 127	LT 619+47.6 to 622+78.1	90 LBS PER ACRE		0.14	13	13	13	668	343
PROJECT TOTAL			0.06	0.31	29	29	29	1,457	657

PAVEMENT & ROADWAY IMPROVEMENTS												
			AGGREGATE BASE COURSE, TYPE A 12"	WELDED WIRE REINFORCEMENT	DOWEL BARS 1 1/2"	PAVEMENT REMOVAL	CLASS B PATCHES, TYPE IV, 20 INCH	SAW CUTS	TIE BARS 3/4"	AGGREGATE SHOULDERS, TYPE B 6"	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS, 8 INCH
ROAD	STATION / OFFSET	REMARKS	SQ YD	SQ YD	EACH	SQ YD	SQ YD	FOOT	EACH	SQ YD	SQ YD	FOOT
IL RTE 127	RT 618+68.3 to 621+75.0									136		
IL RTE 127	LT 619+51.6 to 622+73.1									131		
IL RTE 127	RT 620+18.7 to RT 621+18.7	AGGREGATE BASE FOR HMA SHOULDERS	84			78					78	100
IL RTE 127	620+18.7 to 621+18.7	AGGREGATE BASE FOR CLASS B PATCHES	789	267	132	267	267	76	47			
IL RTE 127	LT 620+18.7 to LT 621+18.7	AGGREGATE BASE FOR HMA SHOULDERS	84			78					78	100
PROJECT TOTAL			457	267	132	423	267	76	47	267	156	200

GUARDRAIL IMPROVEMENTS								
			STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
ROAD	STATION / OFFSET	REMARKS	FOOT	FOOT	EACH	FOOT	EACH	EACH
IL RTE 127	RT 618+94.4 to 622+17.8					323		
IL RTE 127	LT 620+23.1 to 622+52.5					237		
IL RTE 127	RT 619+04.8				1		1	
IL RTE 127	LT 619+87.3				1		1	
IL RTE 127	RT 619+05 to 621+45							4
IL RTE 127	LT 619+87 to 622+40							4
IL RTE 127	RT 619+56.3 to 620+56.2		100.0					
IL RTE 127	RT 620+56.2 to 620+93.7	ACROSS THE CULVERT		37.5				
IL RTE 127	LT 620+38.7 to 620+76.3	ACROSS THE CULVERT		37.5				
IL RTE 127	LT 620+76.3 to 621+88.8		112.5					
IL RTE 127	RT 621+45.3				1		1	
IL RTE 127	LT 622+40.3				1		1	
PROJECT TOTAL			212.5	75.0	4	560	4	8

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SHEET 01 OF 02 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	8
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

TRAFFIC CONTROL										
			TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	TEMPORARY RUMBLE STRIPS	TEMPORARY BRIDGE TRAFFIC SIGNALS	CHANGEABLE MESSAGE SIGN	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
ROAD	STATION / OFFSET	REMARKS	EACH	EACH	EACH	CAL DA	FOOT	FOOT	EACH	EACH
IL RTE 127	STAGE I & STAGE II (NORTH BOUND)	25 LINEAR FEET PER EACH LOCATION		3	0.5					
IL RTE 127	STAGE I & STAGE II (SOUTH BOUND)	25 LINEAR FEET PER EACH LOCATION		3	0.5					
IL RTE 127	Stage I	LOCATED AT SN 095-2403	0.5							
IL RTE 127	LT 618+87.8	STAGE I				28			1	
IL RTE 127	LT 618+87.8 to RT 619+87.5	STAGE I TEMP CONC BARR					100.0			
IL RTE 127	RT 619+87.5 to RT 621+50.0	STAGE I TEMP CONC BARR					162.5			
IL RTE 127	RT 621+50.0 to LT 622+49.7	STAGE I TEMP CONC BARR					100.0			
IL RTE 127	LT 622+49.7	STAGE I							1	
IL RTE 127	Stage II	LOCATED AT SN 095-2403	0.5							
IL RTE 127	RT 619+25.2	STAGE II								1
IL RTE 127	RT 619+25.2 to LT 619+87.5	STAGE II TEMP CONC BARR						62.5		
IL RTE 127	LT 619+87.5 to LT 621+50.0	STAGE II TEMP CONC BARR						162.5		
IL RTE 127	LT 621+50.0 to RT 622+49.7	STAGE II TEMP CONC BARR						100.0		
IL RTE 127	RT 622+49.6	STAGE II								1
PROJECT TOTAL			1	6	1	28	362.5	325.0	2	2

PAVEMENT MARKINGS & DELINEATORS							
			PAINT PAVEMENT MARKING - LINE 4"	RAISED REFLECTIVE PAVEMENT MARKER	PAVEMENT MARKING REMOVAL - WATER BLASTING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
ROAD	STATION / OFFSET	REMARKS	FOOT	EACH	SQ FT	FOOT	SQ FT
IL RTE 127	RT 617+39.5 to RT 624+00.0	SOLID WHITE EDGE LINE	661		220		
IL RTE 127	CL 617+39.5 to 624+00.0	SOLID DOUBLE YELLOW CENTERLINE	1,321	9	220	66	22
IL RTE 127	LT 617+39.5 to LT 624+00.0	SOLID WHITE EDGE LINE	661		440		
PROJECT TOTAL			2,643	9	880	66	22

* SHORT TERM PAVEMENT MARKINGS ARE TO BE UTILIZED POST STAGE 2, PRIOR TO THE INSTALLATION OF THE PERMANENT CENTERLINE PAVEMENT MARKINGS.

EARTHWORK TABLE						
			EARTH EXCAVATION (SPECIAL)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25%	EMBANKMENT	EARTH BALANCE WASTE (+) OR FURNISHED EXCAVATION (-)
ROAD	STATION / OFFSET	REMARKS	CU YD	CU YD	CU YD	CU YD
IL RTE 127	LT 619+50 to 622+75	STAGE 1	275	206	181	25
IL RTE 127	RT 618+75 to 621+75	STAGE 2	416	312	147	165
PROJECT TOTAL			691	518	328	190

FILE NAME: S:\PROJECTS\2020\1155020_IDOTD8DESIGN\CAD_SHEETS\WO_5\1155020_WO_5_Schedule-of-QTY.dgn



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	CHECKED - GFS	REVISED -
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PLOT DATE = 8/21/2023	CHECKED - GFS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SHEET 02 OF 02 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	9
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

PERIMETER CONTROL

POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION	LOCATION
CW14	21096.9711	106779.0505	496.6326	IRON PIN W/ ALUMIUM CAP	INTERSECTION OF POSEN RD & OKLAHOMA RD
CW15	10458.4063	104062.2043	479.6386	IRON PIN W/ ALUMIUM CAP	1.0 MILES EAST OF IL 127 ON DUBOIS BLACKTOP RD
CW16	12842.8394	89796.4448	515.6054	IRON PIN W/ ALUMIUM CAP	1.9 MILES WEST OF IL 127 ON OAKDALE BLACKTOP RD
CW17	18655.1197	90499.0000	531.3799	IRON PIN W/ ALUMIUM CAP	1.5 MILES WEST ON PIERCE ROAD

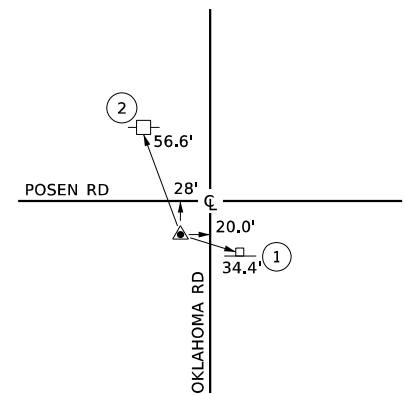
IL 127 CONTROL POINTS

POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION	LOCATION
1	18491.5950	98448.0776	493.746	IRON PIN W/ PLASTIC CAP	SEE TIES
2	18151.0366	98498.2712	493.471	IRON PIN W/ PLASTIC CAP	SEE TIES
3	17512.6851	98455.1320	473.421	IRON PIN W/ PLASTIC CAP	SEE TIES
4	16866.0830	98503.3421	480.542	IRON PIN W/ PLASTIC CAP	SEE TIES
5	16486.3761	98457.1481	492.577	IRON PIN W/ PLASTIC CAP	SEE TIES
6	16486.3761	98507.6745	492.537	IRON PIN W/ PLASTIC CAP	SEE TIES

BENCHMARKS

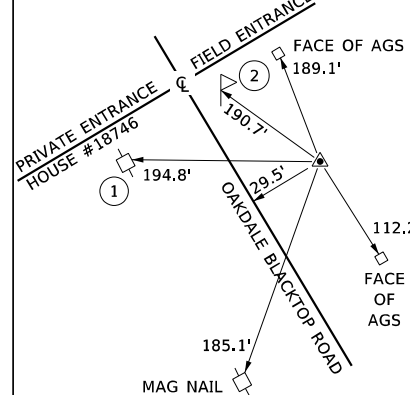
POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
LOCUST	-	-	496.972	DISK SET IN CONC. STAMPED "LOCUST 1962" (STA: 628+06, 50' RT)
BM127-1	-	-	491.243	RR SPIKE IN PP IN THE SW QUAD OF IL 127 & POSEN RD (STA: 630+45, 47' LT)
BM127-2	-	-	474.016	RR SPIKE IN PP ±127' N. OF SN 095-2469 ON THE W. SIDE OF IL 127 (STA: 622+11, 53' LT)
BM127-3	-	-	493.298	RR SPIKE IN PP, W. SIDE OF IL 127, ±0.1 MILE S. OF SN 095-2469 (STA: 615+24, 54' LEFT)
WAS 3-20	-	-	465.588	HIGHWAY SURVEY MARKER ON THE SE CORNER OF SN 095-2004 (STA: 597+36, 19' RT)

- ① MAG NAIL IN W. SIDE OF STOP SIGN POST
- ② MAG NAIL IN S. SIDE OF POWER POLE



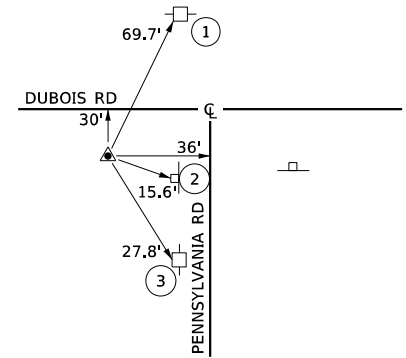
PERIMETER CONTROL POINT CW14

- ① MAG NAIL IN POLE W/ TRANSFORMER
- ② MAILBOX POST



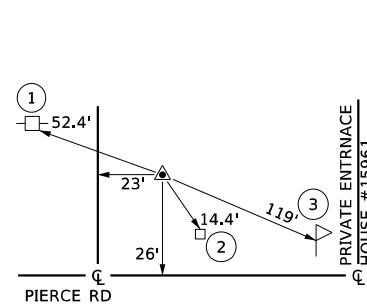
PERIMETER CONTROL POINT CW16

- ① MAG NAIL IN POWER POLE
- ② "STREET" SIGN POST
- ③ MAG NAIL IN POWER POLE

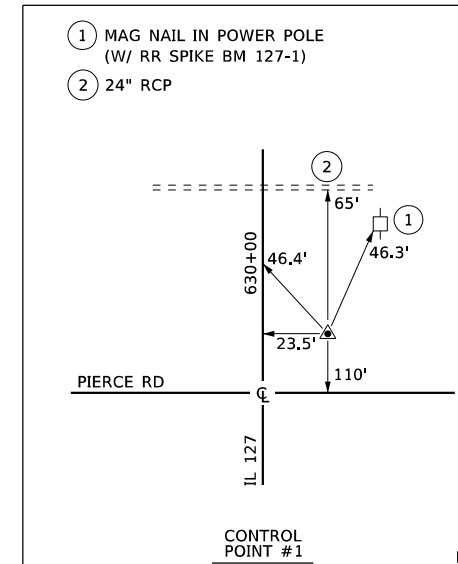


PERIMETER CONTROL POINT CW15

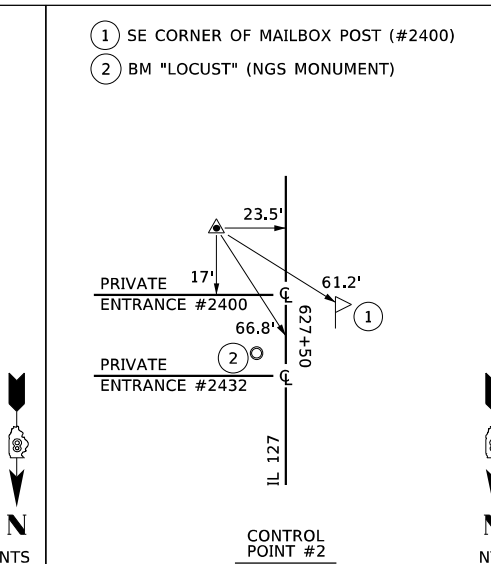
- ① MAG NAIL IN POWER POLE
- ② NW CORNER OF AGS
- ③ MAILBOX POST #15961



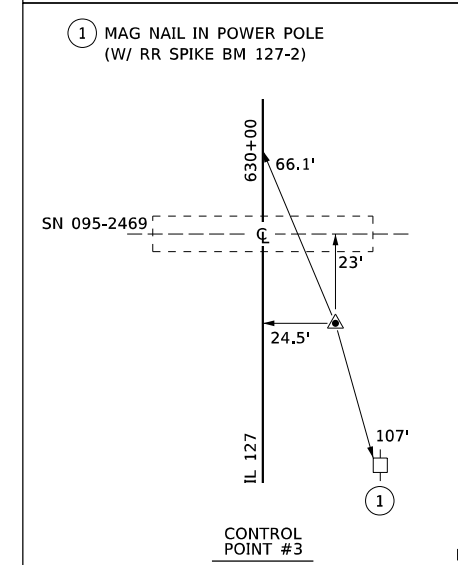
PERIMETER CONTROL POINT CW17



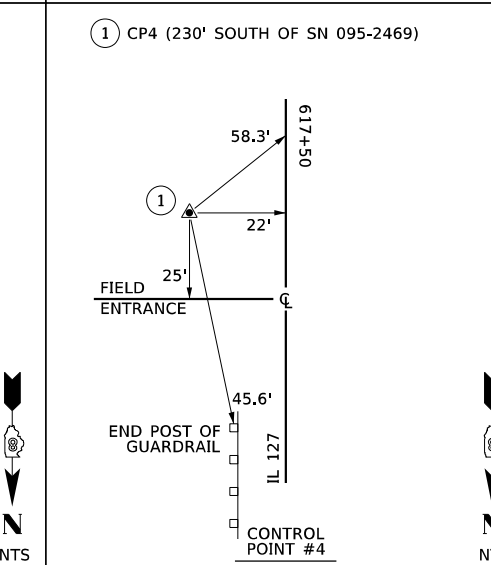
CONTROL POINT #1



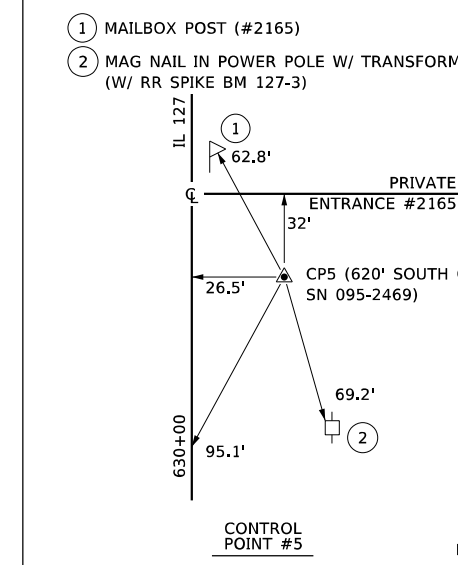
CONTROL POINT #2



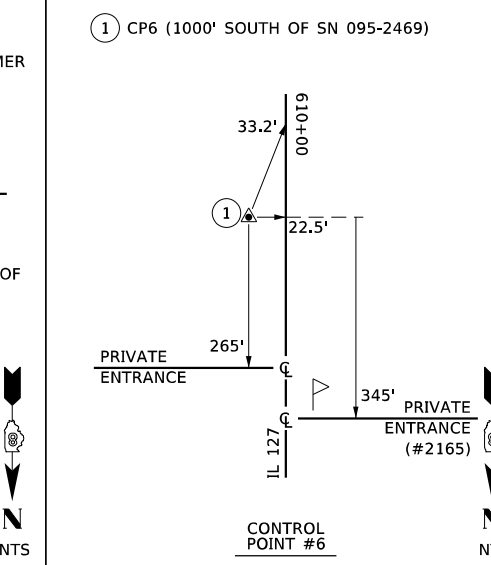
CONTROL POINT #3



CONTROL POINT #4



CONTROL POINT #5



CONTROL POINT #6

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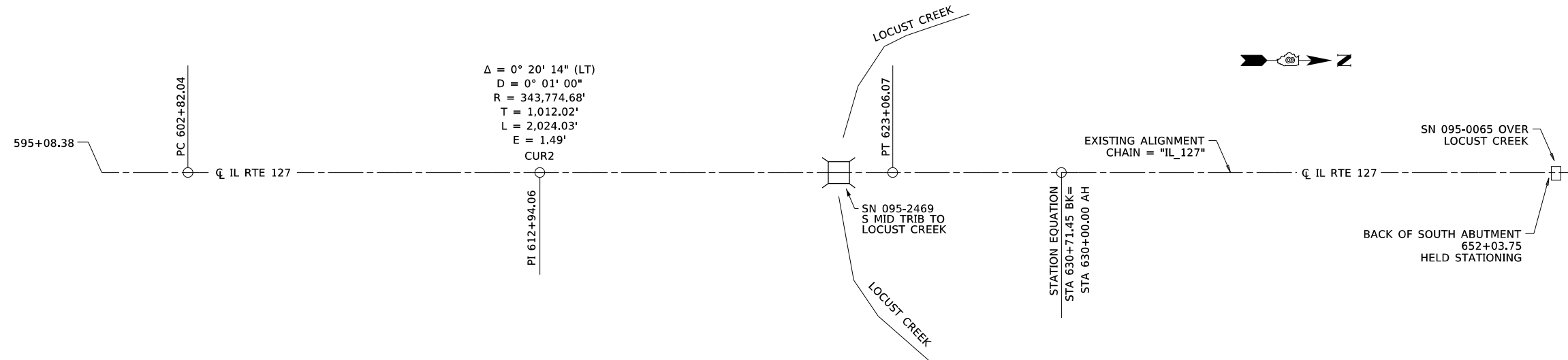
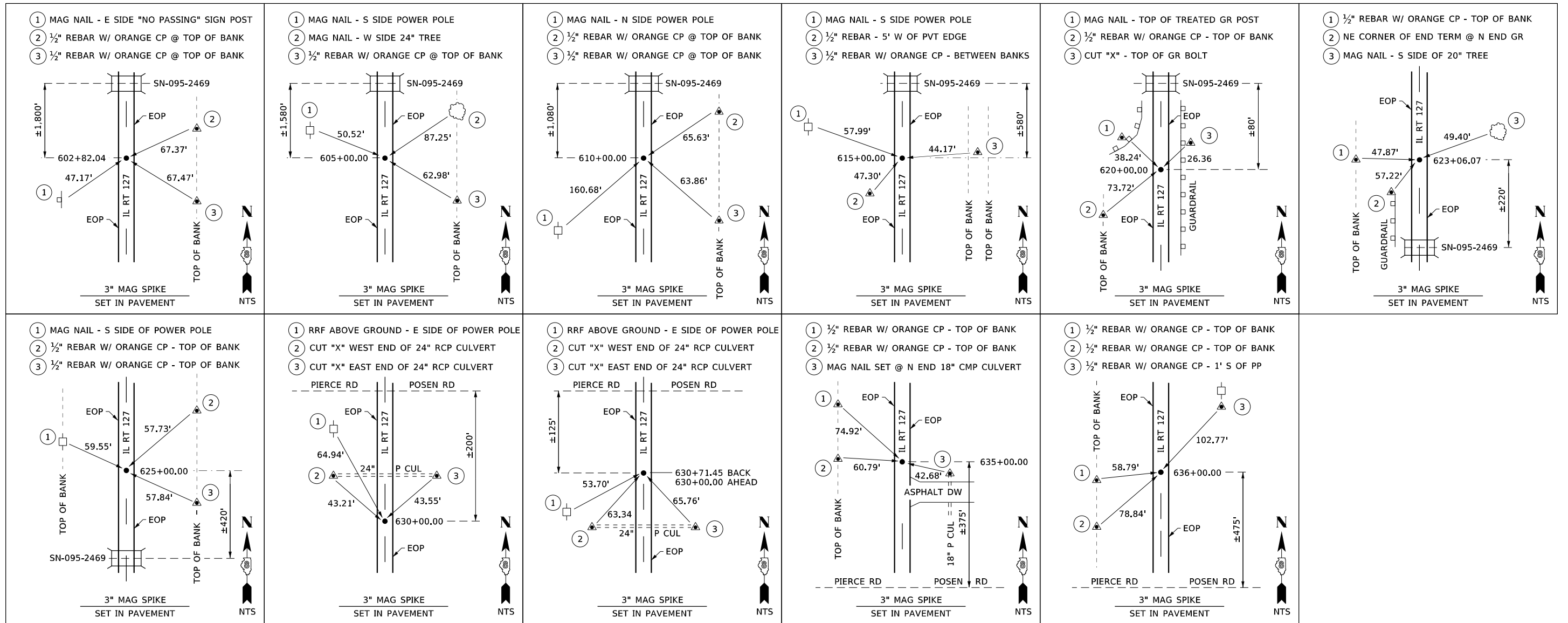


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PLOT DATE = 8/18/2023	CHECKED - GFS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N / A		SHEET 1 OF 1 SHEETS		IDOT CONTROL POINTS & BENCHMARKS TIE IN POINTS		FAP RTE. 42	SECTION 9-2CR-1	COUNTY WASHINGTON	TOTAL SHEETS 35	SHEET NO. 10
								CONTRACT NO. 76M88		
ILLINOIS FED. AID PROJECT										

EXISTING ALIGNMENT TIE IN POINTS



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PLOT SCALE = 20,0000' / in.	CHECKED - GFS	REVISED -
PLOT DATE = 8/18/2023	DRAWN - GBG	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING ALIGNMENT
TIE IN POINTS**

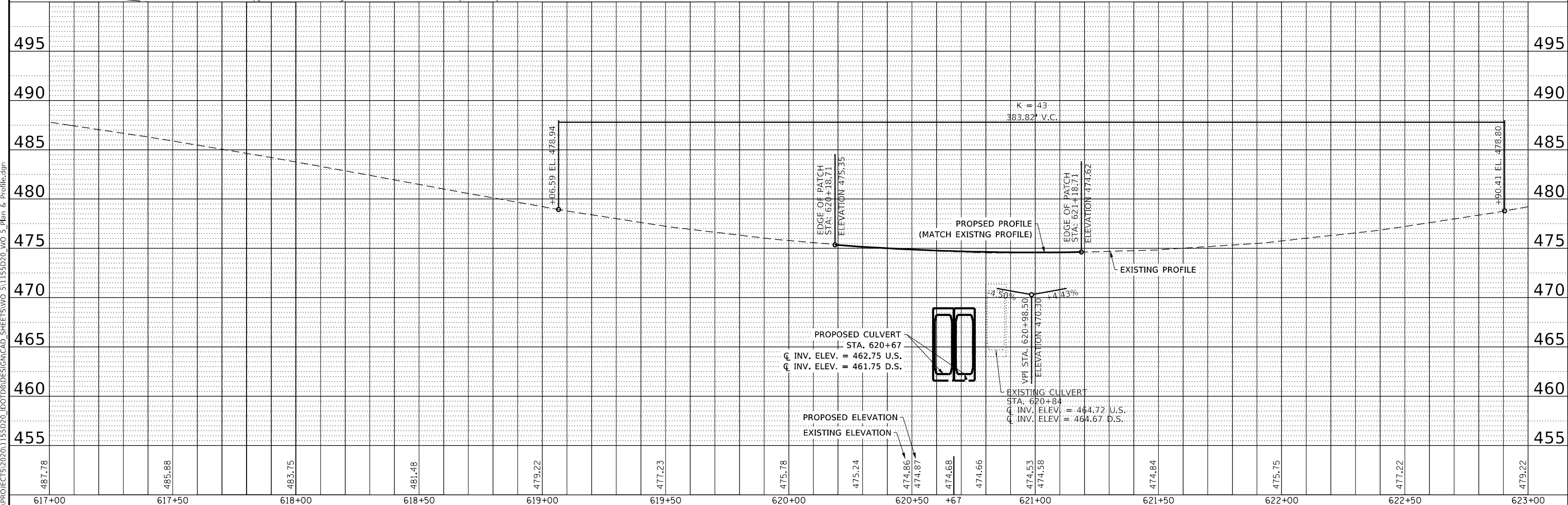
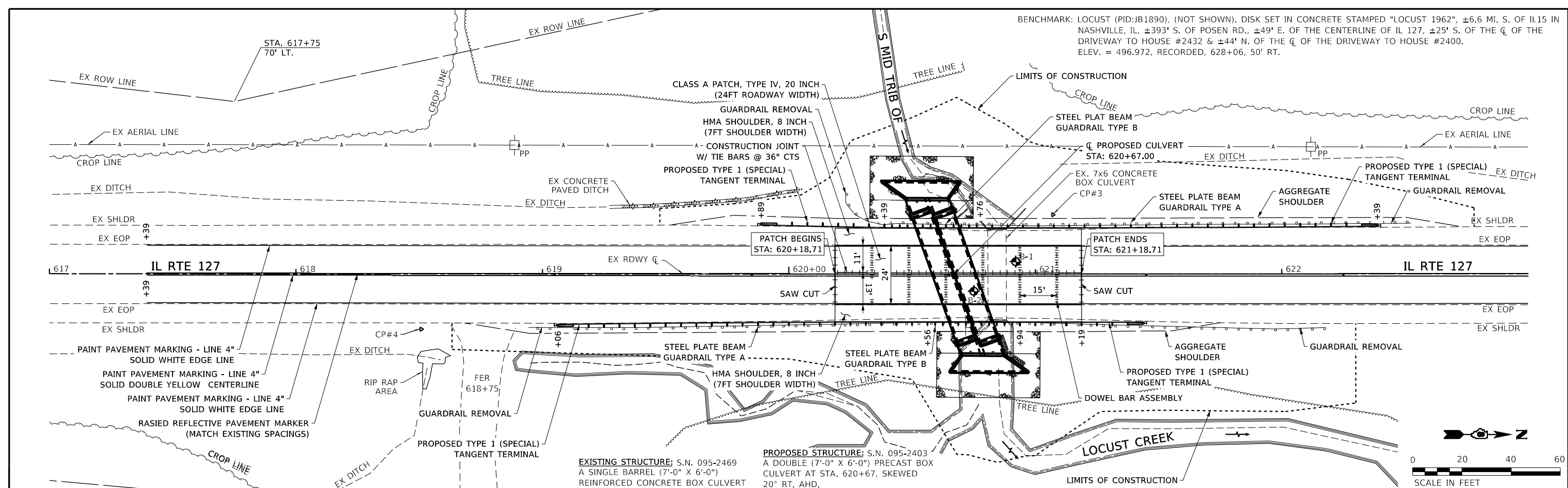
SCALE: N / A SHEET 1 OF 6 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	11
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

BENCHMARK: LOCUST (PID:JB1890), (NOT SHOWN). DISK SET IN CONCRETE STAMPED "LOCUST 1962", ±6.6 MI. S. OF IL15 IN NASHVILLE, IL, ±393' S. OF POSEN RD., ±49' E. OF THE CENTERLINE OF IL 127, ±25' S. OF THE CL OF THE DRIVEWAY TO HOUSE #2432 & ±44' N. OF THE CL OF THE DRIVEWAY TO HOUSE #2400. ELEV. = 496.972, RECORDED, 628+06, 50' RT.

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

DATE	
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DATE	
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NO.	
DATE	
BY	
REVISION	
NO.	



WILLET HOFMANN & ASSOCIATES INC
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DIXON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - xxx	REVISED -
	CHECKED - xxx	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - xxx	REVISED -
PLOT DATE = 8/18/2023	CHECKED - xxx	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

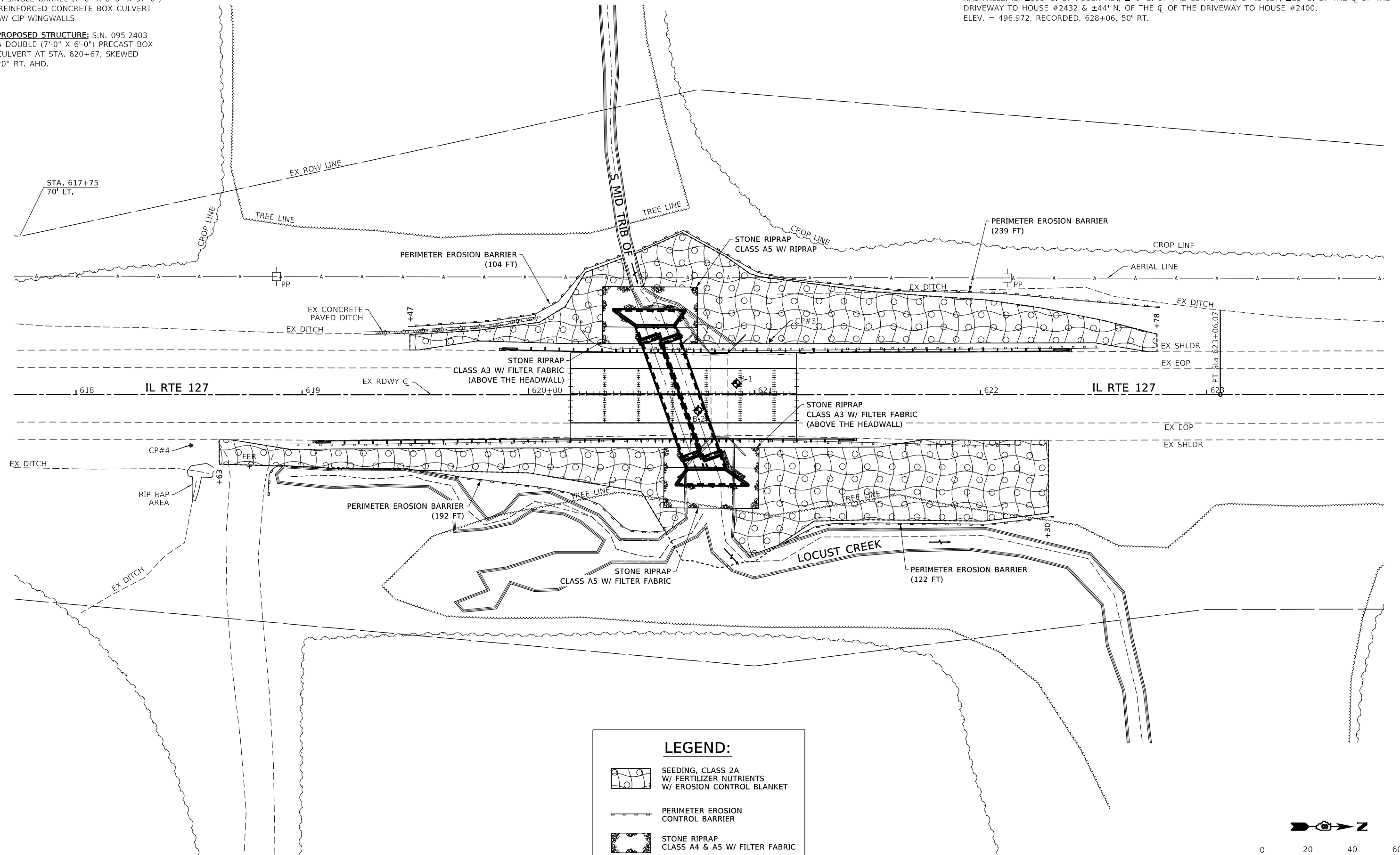
PLAN AND PROFILE
 SCALE: 1" = 20'-0" SHEET 1 OF 1 SHEETS STA. 617+00.00 TO STA. 623+00.00

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	12
WHA# 1155D20		CONTRACT NO. 76M88		
ILLINOIS		FED. AID PROJECT		




EXISTING STRUCTURE: S.N. 095-2496
 A SINGLE BARREL (7'-0" X 6'-0" X 37'-0")
 REINFORCED CONCRETE BOX CULVERT
 W/ CIP WINGWALLS

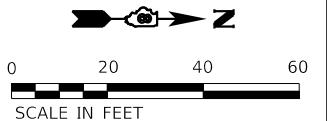
PROPOSED STRUCTURE: S.N. 095-2403
 A DOUBLE (7'-0" X 6'-0") PRECAST BOX
 CULVERT AT STA. 620+67, SKEWED
 20° RT. AHD.

BENCHMARK: LOCUST (PID:JB1890), (NOT SHOWN). DISK SET IN CONCRETE STAMPED "LOCUST 1962", ±6.6 MI. S. OF IL15 IN NASHVILLE, IL, ±393' S. OF POSEN RD., ±49' E. OF THE CENTERLINE OF IL 127, ±25' S. OF THE CL OF THE DRIVEWAY TO HOUSE #2432 & ±44' N. OF THE CL OF THE DRIVEWAY TO HOUSE #2400. ELEV. = 496.972, RECORDED, 628+06, 50' RT.



LEGEND:

-  SEEDING, CLASS 2A W/ FERTILIZER NUTRIENTS W/ EROSION CONTROL BLANKET
-  PERIMETER EROSION CONTROL BARRIER
-  STONE RIPRAP CLASS A4 & A5 W/ FILTER FABRIC



FILE NAME: S:\PROJECTS\2020\1155020_IDOT\DESIGN\CAD_SHEETS\WO_5\1155020_WO_5_Erosion_Control_Plan.dgn

WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DIXON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - xxx	REVISED -
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PLOT DATE = 8/18/2023	CHECKED - xxx	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

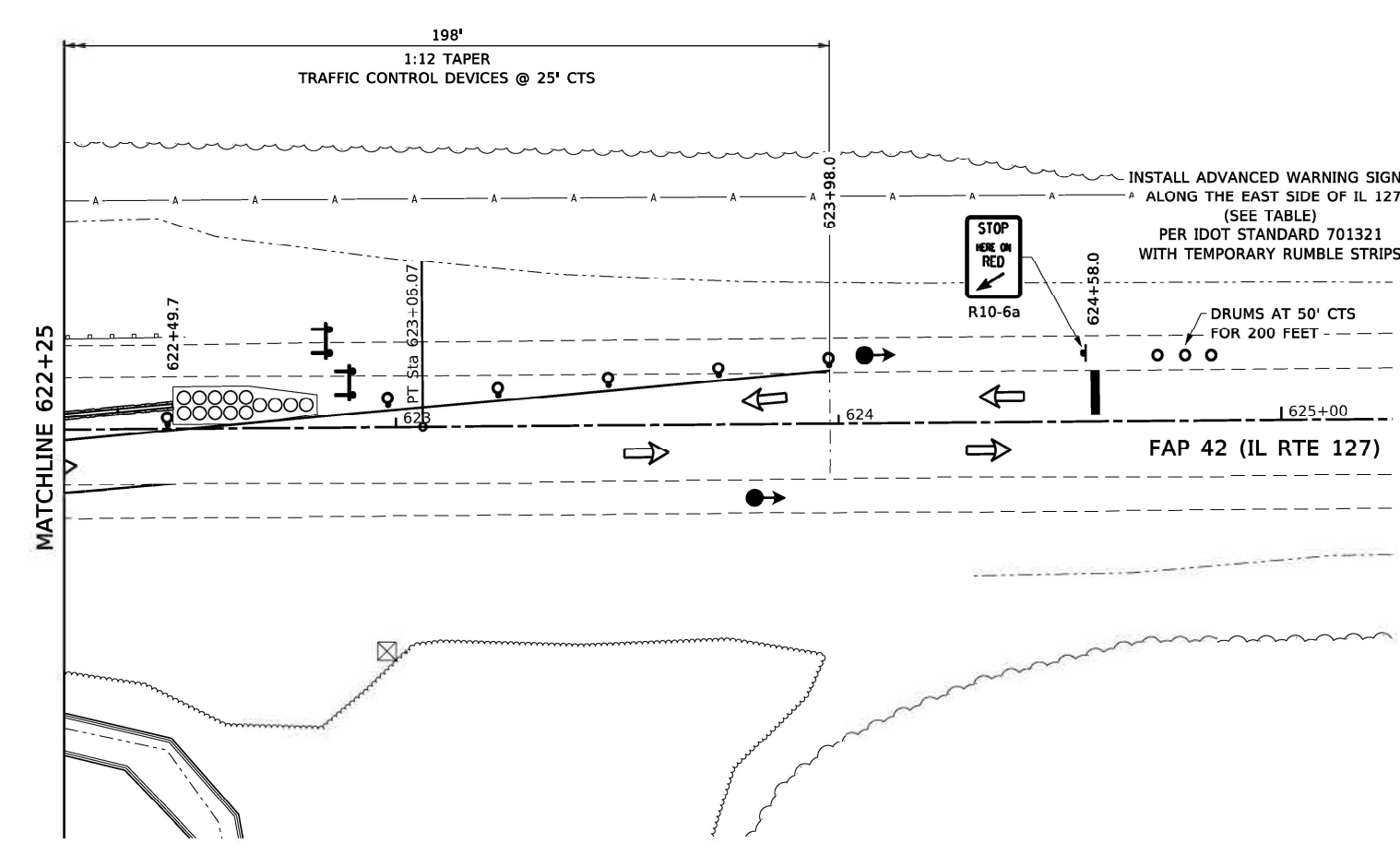
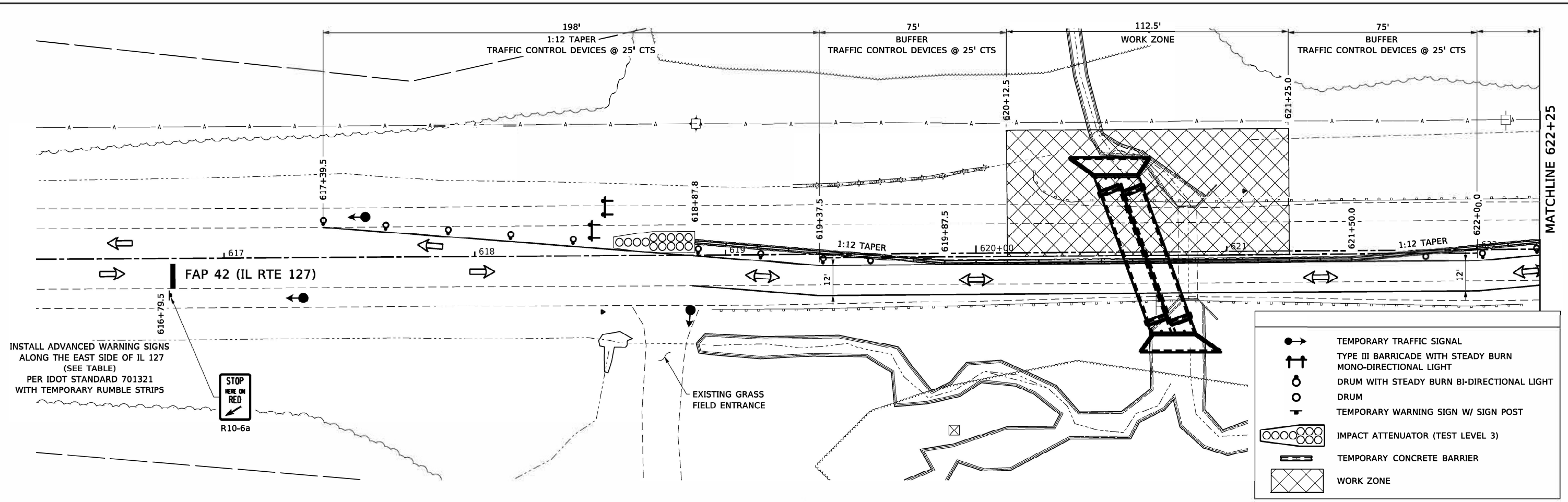
EROSION CONTROL PLAN

SHEET NO. 1 OF 1 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	13
CONTRACT NO. 76M88				

ILLINOIS FED. AID PROJECT

FILE NAME: S:\PROJECTS\2020\1155D20_1155D20_IDOTD8DESIGN\CAD_SHEETS\WO 5\1155D20_WO 5_Traffic Control Plan.dgn



STAGE I CONSTRUCTION NOTES

- A) THE TRAFFIC CONTROL LAYOUT SHALL FOLLOW THE IDOT STANDARD 701321 FOR ALL INFORMATION AND DETAILS NOT SPECIFIED WITHIN THIS TRAFFIC CONTROL PLAN
- B) ALL ADVANCED WARNING SIGNS SPECIFIED WITHIN IDOT STANDARD 701321 SHALL BE POST MOUNTED AND REMAIN IN OPERATION FOR THE DURATION OF THE PROJECT. (SEE TABLE FOR PROPOSED SIGN LOCATIONS)
- C) THE ROADWAY WIDTH ON SIGN W12-1102 SHALL BE (12'-6") THE ADVISORY SPEED ON SIGN W13-1 SHALL BE (40 MPH)
- D) ALL TEMPORARY PAVEMENT MARKINGS SHALL BE TYPE IV TAPE. ANY EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SHALL BE REMOVED. EXISTING PAVEMENT MARKINGS TO BE REMOVED SHALL BE BY THE METHOD OF WATER BLASTING ONLY, NO GRINDING SHALL BE ALLOWED. PLACEMENT AND REMOVAL OF TEMPORARY PAVEMENT MARKINGS SHALL COMPLY WITH SECTION 703 OF THE IDOT STANDARD SPECIFICATIONS.

ADVANCED WARNING SIGN LOCATIONS		
SIGN	SOUTH	NORTH
W3-3	611+79.5	629+58.0
W20-4	606+79.5	634+58.0
W12-1102	601+79.5	639+58.0
W20-1103	596+79.5	644+58.0

STAGE I TRAFFIC CONTROL TYPICAL SECTION

WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DIXON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #164-000918

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

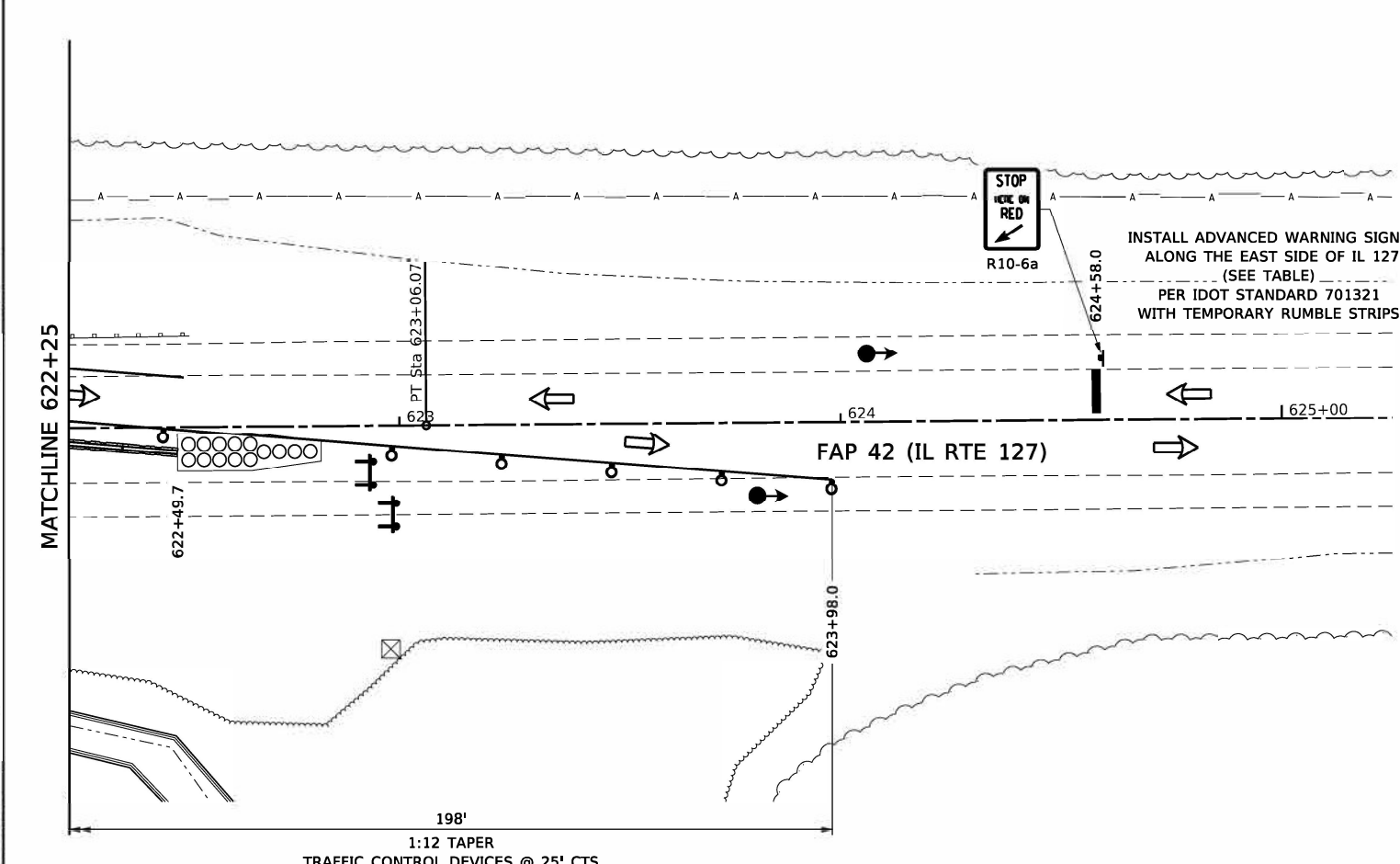
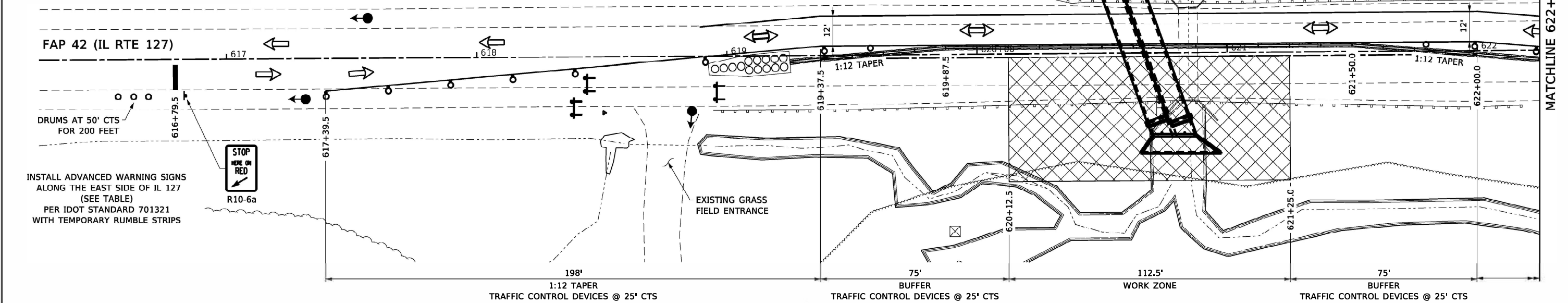
**TRAFFIC CONTROL PLAN
STAGE I**

SCALE: 1" = 20'-0" SHEET 1 OF 1 SHEETS STA. 616+25.00 TO STA. 625+25.00

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	14

CONTRACT NO. 76M88
ILLINOIS FED. AID PROJECT

LEGEND	
	TEMPORARY TRAFFIC SIGNAL
	TYPE III BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
	DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
	DRUM
	TEMPORARY WARNING SIGN W/ SIGN POST
	IMPACT ATTENUATOR (TEST LEVEL 3)
	TEMPORARY CONCRETE BARRIER
	WORK ZONE



STAGE II CONSTRUCTION NOTES

A) THE TRAFFIC CONTROL LAYOUT SHALL FOLLOW THE IDOT STANDARD 701321 FOR ALL INFORMATION AND DETAILS NOT SPECIFIED WITHIN THIS TRAFFIC CONTROL PLAN

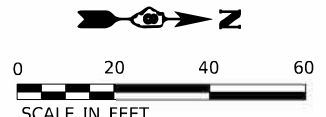
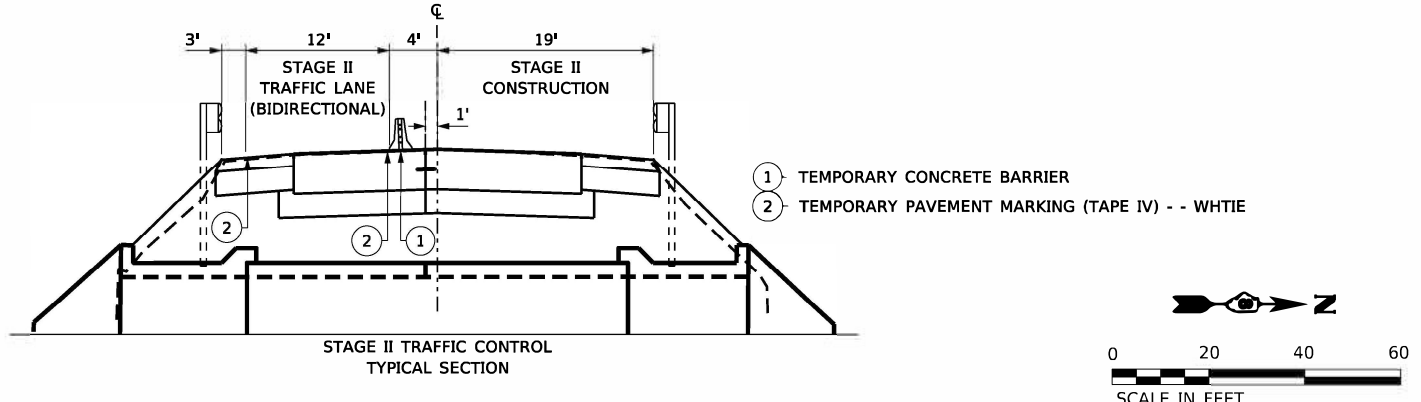
B) ALL ADVANCED WARNING SIGNS SPECIFIED WITHIN IDOT STANDARD 701321 SHALL BE POST MOUNTED AND REMAIN IN OPERATION FOR THE DURATION OF THE PROJECT. (SEE TABLE FOR PROPOSED SIGN LOCATIONS)

C) THE ROADWAY WIDTH ON SIGN W12-1102 SHALL BE (12'-6") THE ADVISORY SPEED ON SIGN W13-1 SHALL BE (40 MPH)

D) ALL TEMPORARY PAVEMENT MARKINGS SHALL BE TYPE IV TAPE. ANY EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SHALL BE REMOVED. EXISTING PAVEMENT MARKINGS TO BE REMOVED SHALL BE BY THE METHOD OF WATER BLASTING ONLY, NO GRINDING SHALL BE ALLOWED. PLACEMENT AND REMOVAL OF TEMPORARY PAVEMENT MARKINGS SHALL COMPLY WITH SECTION 703 OF THE IDOT STANDARD SPECIFICATIONS.

E) ONCE STAGE II IS COMPLETE, ALL TEMPORARY CONCRETE BARRIER, IMPACT ATTENUATORS AND PAVEMENT MARKINGS SHALL BE REMOVED. ANY WORK REMAINING INCLUDING FINAL PAVEMENT MARKINGS AND PUNCH LIST ITEMS SHALL BE COMPLETED USING DAILY LANE CLOSURES AND SHORT TIME OPERATIONS, IDOT STANDARDS 701201 & 701301.

ADVANCED WARNING SIGN LOCATIONS		
SIGN	SOUTH	NORTH
W3-3	611+79.5	629+58.0
W20-4	606+79.5	634+58.0
W12-1102	601+79.5	639+58.0
W20-1103	596+79.5	644+58.0



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WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DIXON, IL 61021.0367
 TEL: 815-284-3381 DESIGN FIRM: #164-000918

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PLOT SCALE = 40.0000' / in.	CHECKED = GFS	REVISED =
PLOT DATE = 8/18/2023	DRAWN = GBG	REVISED =
	CHECKED = GFS	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE II**

SCALE: 1" = 20'-0" SHEET 1 OF 1 SHEETS STA. 616+25.00 TO STA. 625+25.00

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	15

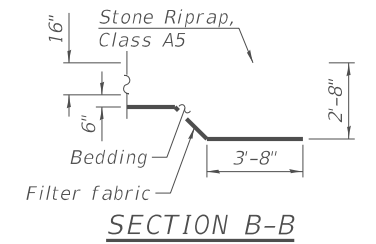
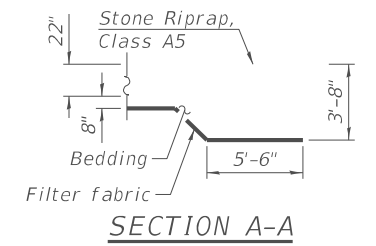
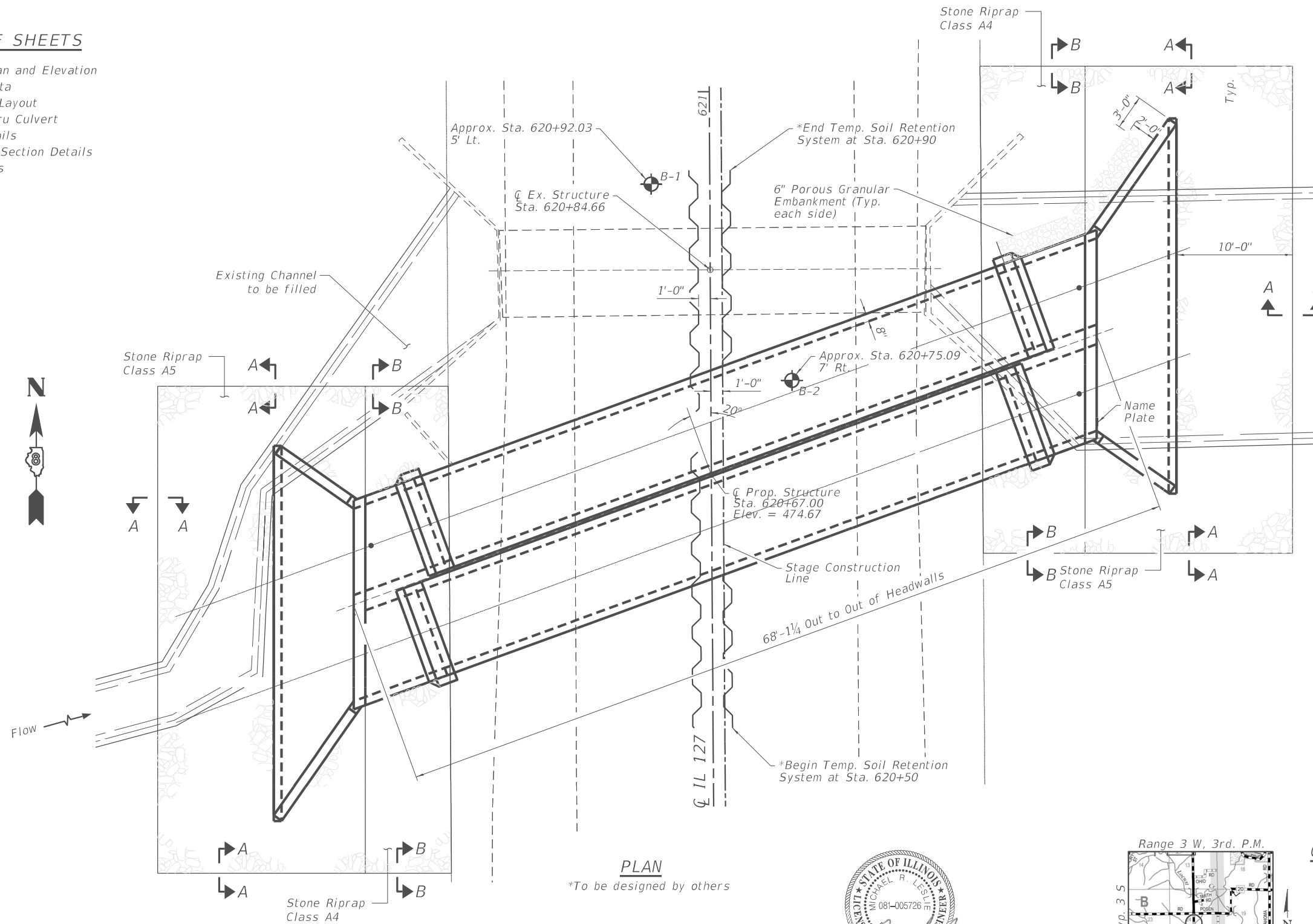
CONTRACT NO. 76M88
ILLINOIS FED. AID PROJECT

Benchmark: LOCUST (PID:JB1890), (Not Shown). Disk set in concrete stamped "LOCUST 1962", ±6.6 mi. S. of IL15 in Nashville, IL, ±393' S. of Posen Rd., ±49' E. of the centerline of IL 127, ±25' S. of the centerline of the driveway to house #2432 & ±44' N. of the centerline of the driveway to house #2400. Elev. = 496.972, recorded, 628+06, 50' Rt.

Existing Structure: S.N. 095-2469 built in 1940 as a single barrel 7'-0" x 6'-0" concrete box culvert with no skew. The length is 37'-0" out to out of headwalls. Traffic maintained with staged construction.

INDEX OF SHEETS

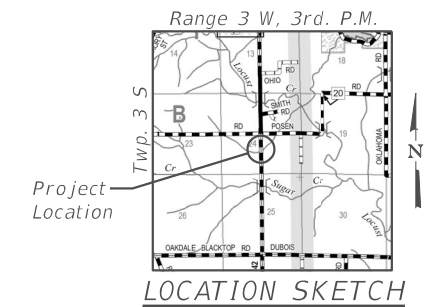
- 1 General Plan and Elevation
- 2 General Data
- 3 Dimension Layout
- 4 Section Thru Culvert
- 5 Collar Details
- 6-9 Apron End Section Details
- 10 Boring Logs



STATION 620+67
 BUILT 2024 BY
 STATE OF ILLINOIS
 IL RTE. 127 SEC. 9-2CR-1
 LOADING HL-93
 STR. NO. 095-2403

NAME PLATE
 See Std. 515001

GENERAL PLAN AND ELEVATION
IL 127 OVER S. MID. TRIB. TO
LOCUST CREEK
IL RTE. 127 SEC. 9-2CR-1
WASHINGTON COUNTY
STATION 620+67
S.N. 095-2403



STATE OF ILLINOIS
 MICHAEL R. LES
 081-005726
 LICENSED PROFESSIONAL ENGINEER
 DATE: 8/14/2023
 EXPIRES 11/30/24

PLAN
 *To be designed by others

REV. - MS



USER NAME = greg	DESIGNED - xxx	REVISED -
	CHECKED - xxx	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - xxx	REVISED -
PLOT DATE = 8/14/2023	CHECKED - xxx	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLANS & ELEVATION

STRUCTURAL SHEET NO. 1 OF 10 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	16
CONTRACT NO. 76M88				

ILLINOIS FED. AID PROJECT

FILE NAME: S:\PROJECTS\2020\1155020_IDOTD8DESIGN\CAD_SHEETS\WO_51155020_WO_5_GP&E.dgn

TOTAL BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a(E)	28	6	19'-0"	U	
a1(E)	28	7	17'-8"	U	
a2(E)	24	5	9'-1"	U	
a3(E)	28	4	20'-0"	U	
a4(E)	12	4	19'-9"	U	
b(E)	36	5	13'-3"	U	
b1(E)	36	5	27'-11"	U	
b2(E)	24	4	7'-9"	U	
b3(E)	4	4	7'-11"	U	
b4(E)	4	4	11'-8"	U	
d(E)	66	4	5'-2"	L	
h(E)	6	4	32'-0"	U	
h1(E)	32	4	8'-0"	U	
h2(E)	32	4	11'-9"	U	
h3(E)	32	4	8'-1"	U	
h4(E)	32	4	10'-8"	U	
h5(E)	24	4	5'-3"	U	
h6(E)	24	4	8'-0"	U	
s(E)	17	4	4'-2"	U	
s1(E)	17	4	3'-2"	U	
v(E)	60	5	7'-1"	U	
v1(E)	30	4	17'-7"	U	
v2(E)	30	4	12'-5"	U	
x(E)	92	4	7'-2"	U	
x1(E)	24	4	8'-10"	U	
x2(E)	24	4	9'-0"	U	
POROUS GRANULAR EMBANKMENT				CU YD	260
STONE RIPRAP, CLASS A3				SQ YD	85
STONE RIPRAP, CLASS A5				SQ YD	122
FILTER FABRIC				SQ YD	207
REMOVAL OF EXISTING STRUCTURES				EACH	1
REINFORCEMENT BARS, EPOXY COATED				POUND	7480
NAME PLATES				EACH	1
TEMPORARY SOIL RETENTION SYSTEM				SQ FT	537
CONCRETE BOX CULVERTS				CU YD	48.8
PRECAST CONCRETE BOX CULVERTS 7' X 6'				FOOT	108

GENERAL NOTES

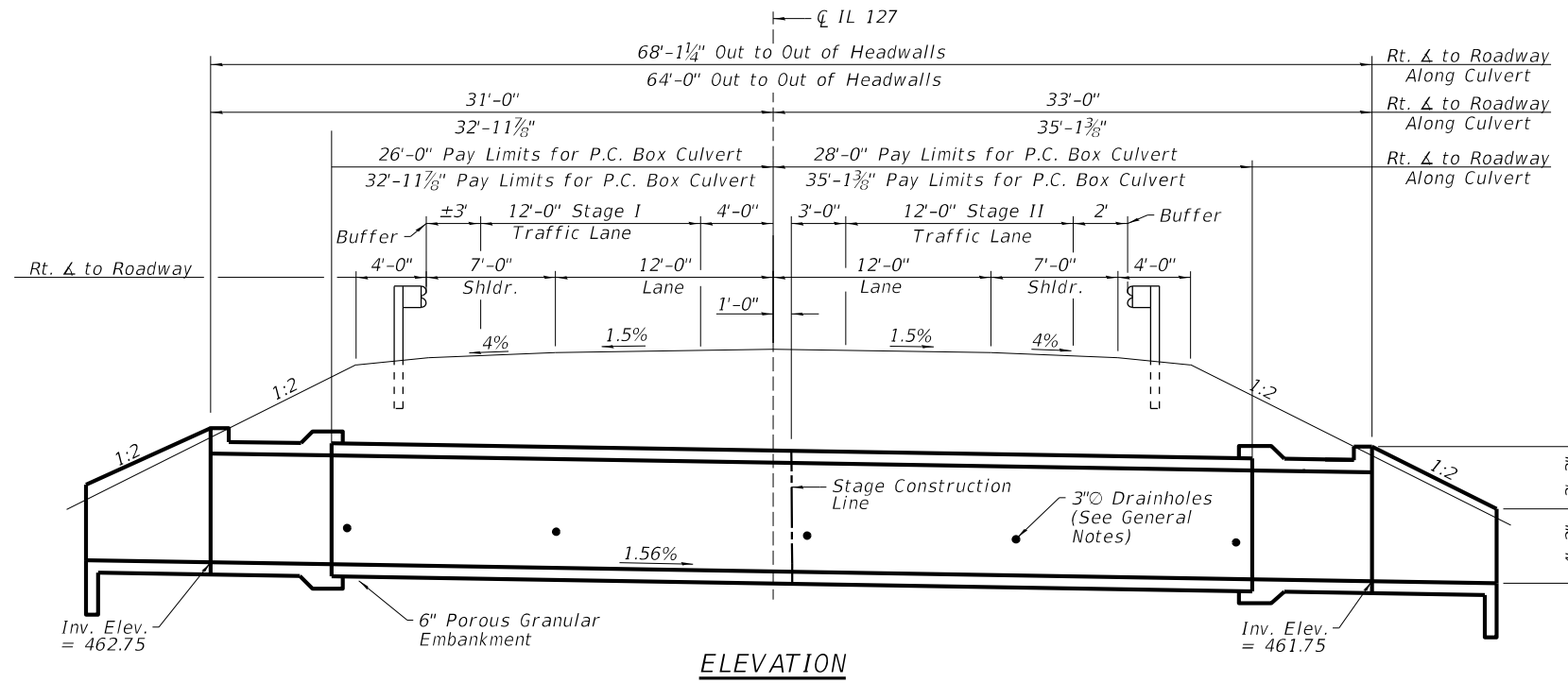
The design fill height for this box is 5'-6". The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

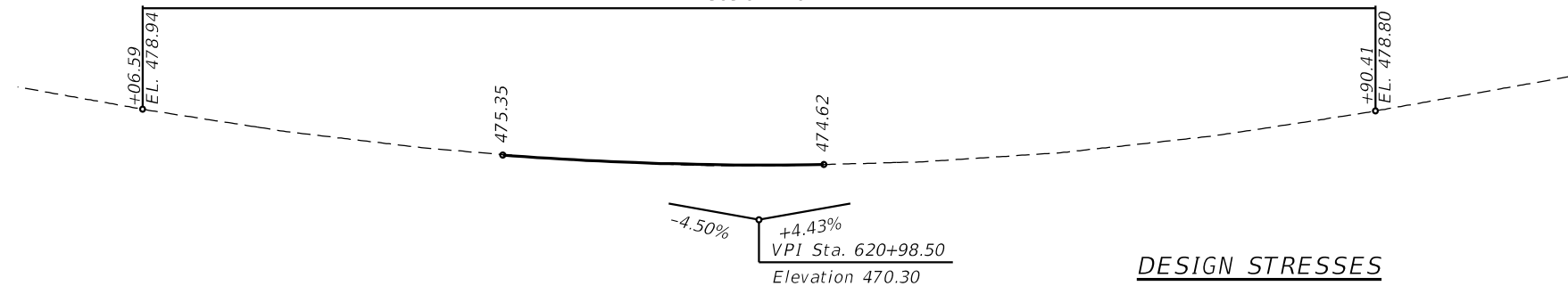
Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

GENERAL DATA
 IL 127 OVER S. MID. TRIB. TO
 LOCUST CREEK
 IL RTE. 127 SEC. 9-2CR-1
 WASHINGTON COUNTY
 STATION 620+67
 S.N. 095-2403



ELEVATION

K = 43
383.82' V.C.



EXISTING AND PROPOSED PROFILE GRADE

DESIGN STRESSES

PRECAST UNITS
 $f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

LOADING HL-93

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

DESIGN SPECIFICATIONS

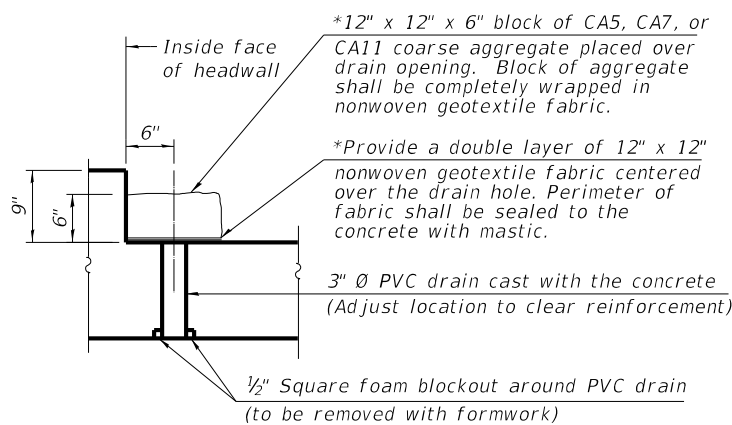
2020 AASHTO LRFD Bridge Design Specifications
 Customary U.S. Units, 9th Edition

WATERWAY INFORMATION

Drainage Area = 0.30 sq. mi. Low Grade Elev. = 474.54 @ Sta. 621+00.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	302						471.21	467.19
Base	50	510						474.40	468.93
Overtop Existing	100	605						475.02	469.74
Overtop Proposed	47.0	516						474.54	N/A
Max. Calc.	N/A	1203						N/A	474.54
	500	854						475.52	472.12

*Nonwoven geotextile shall conform to the requirements of Article 1080.0 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)
 (At Rt. L's to Headwall)

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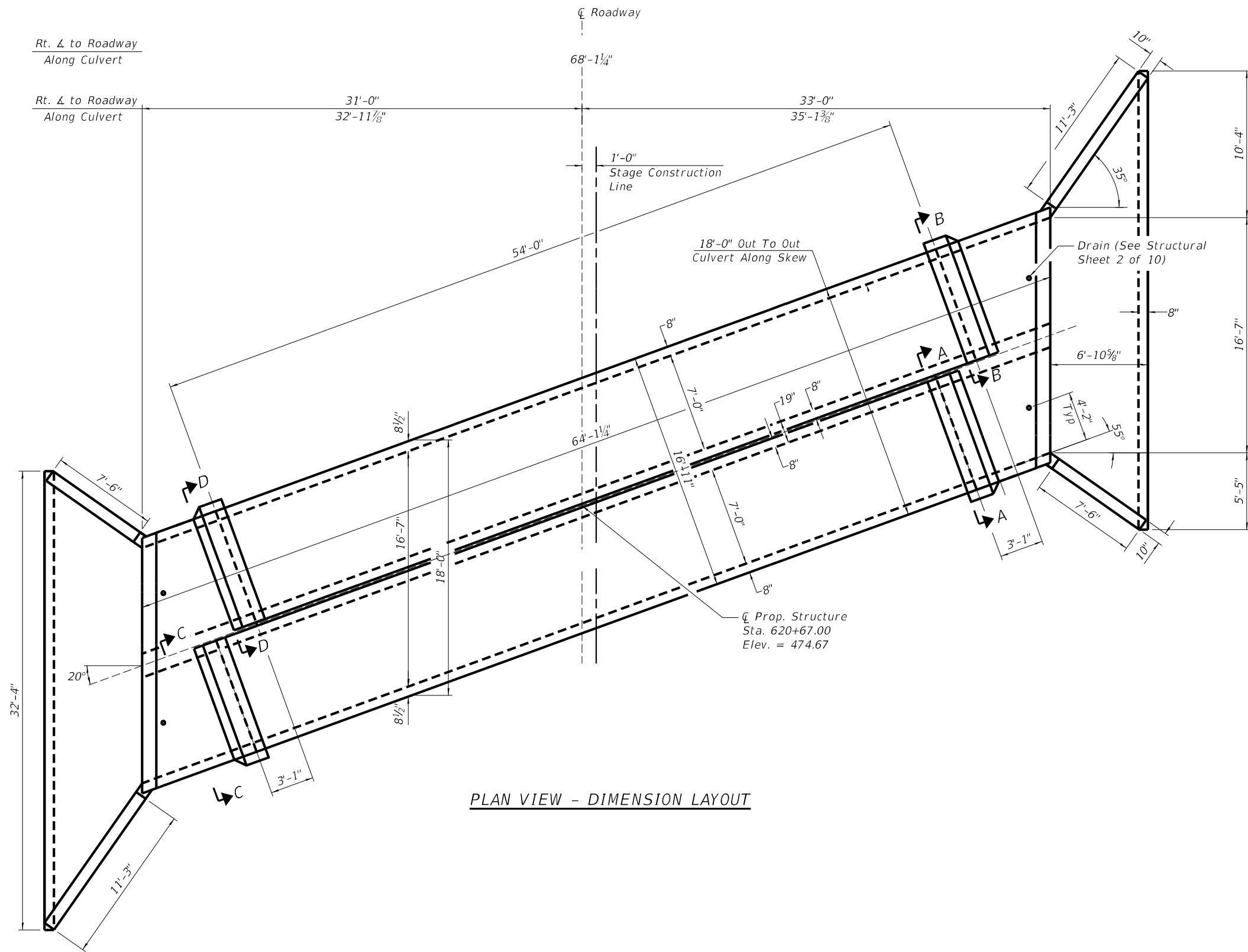


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PLOT DATE = 9/13/2023	CHECKED - xxx	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STRUCTURAL SHEET NO. 2 OF 10 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	17
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				



PLAN VIEW - DIMENSION LAYOUT

Note:
See Structural Sheet 5 of 10
for Sections A-A thru D-D.

FILE NAME: S:\PROJECTS\2020\1155020_IDOTD8DESIGN\CAD_SHEETS\WO_5\1155020_WO_5_Culvert_Details - Dimension Layout.dgn



**WILLETT HOFMANN
& ASSOCIATES INC**
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

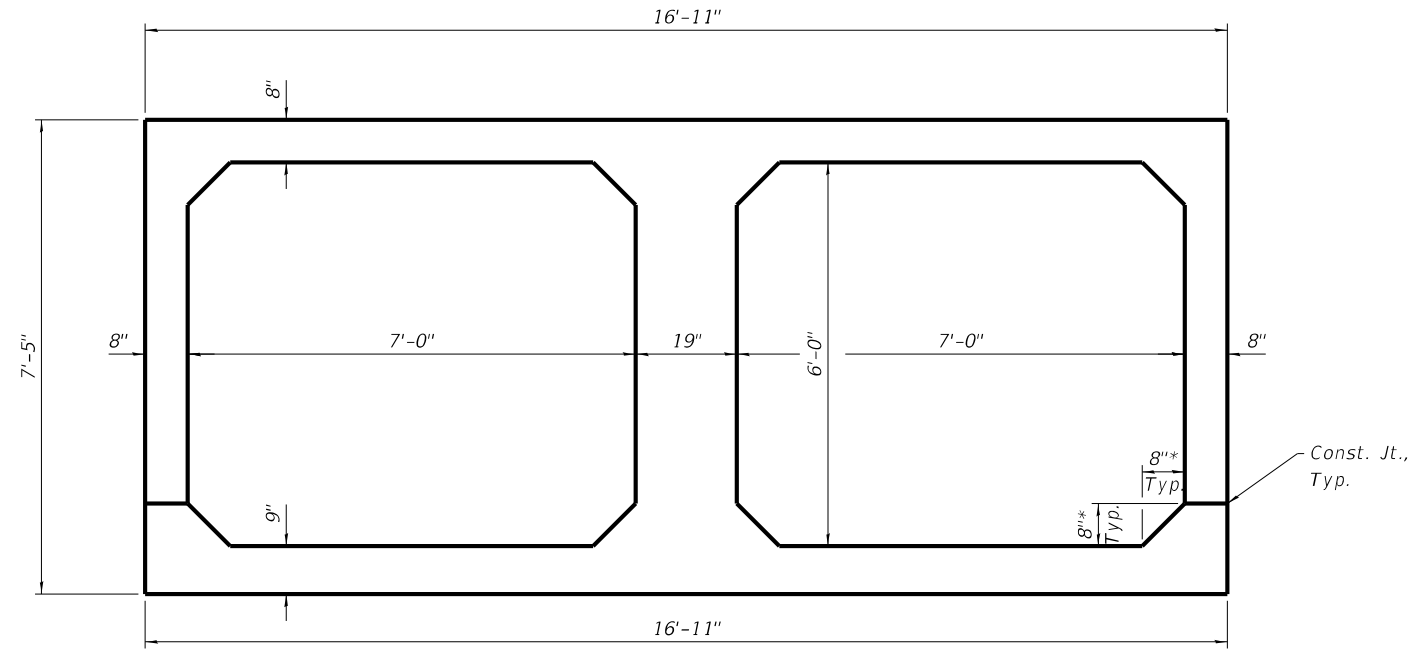
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIMENSION LAYOUT

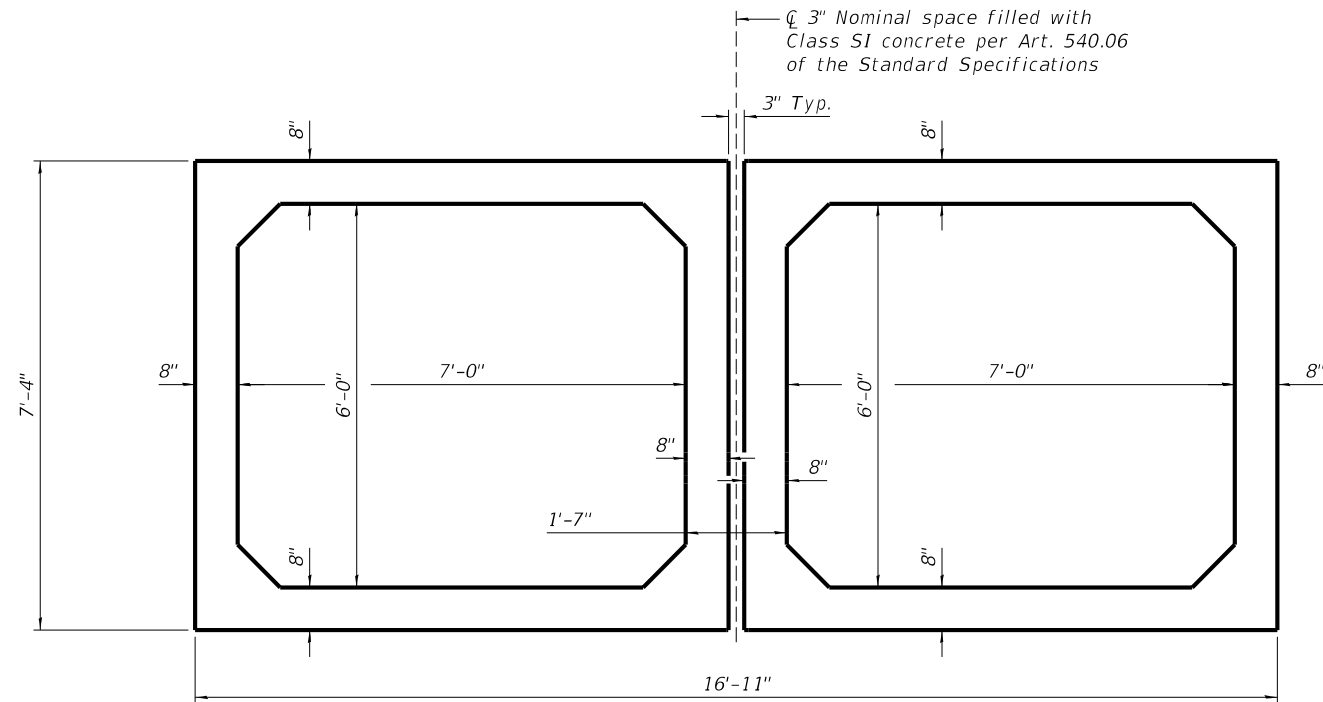
STRUCTURAL SHEET NO. 3 OF 10 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	18
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				



SECTION THRU CAST IN PLACE BARREL

*Match dimensions of the Precast Culvert.



SECTION THRU PRECAST BARREL

Notes:
Dimensions are perpendicular to the box culvert.

FILE NAME: S:\PROJECTS\2020\1155D20_1155D20_5\1155D20_5\Section Thru Culvert_Detail.dgn



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PLOT DATE = 8/18/2023	CHECKED - xxx	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SECTION THRU CULVERT

STRUCTURAL SHEET NO. 4 OF 10 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	19
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

3" Nominal space filled with Class SI concrete per Art. 540.06 of the Standard Specifications

3" Nominal space filled with Class SI concrete per Art. 540.06 of the Standard Specifications

Precast Concrete Box Culvert

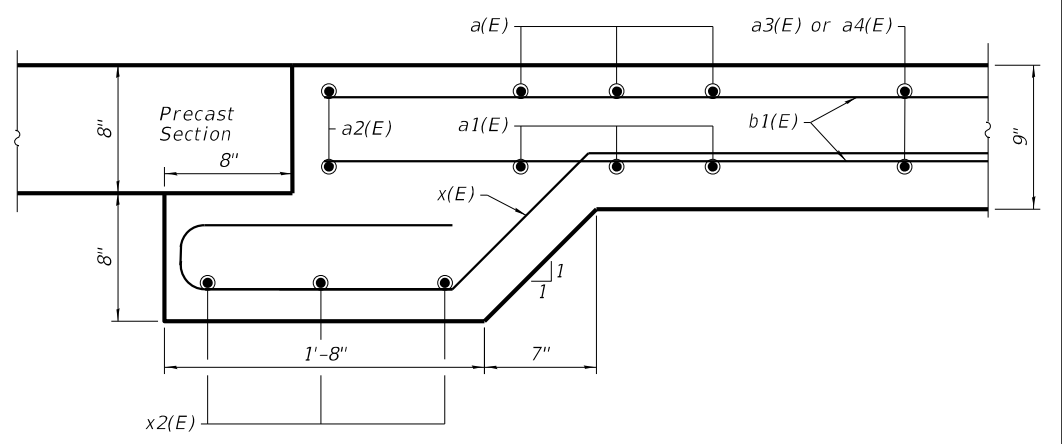
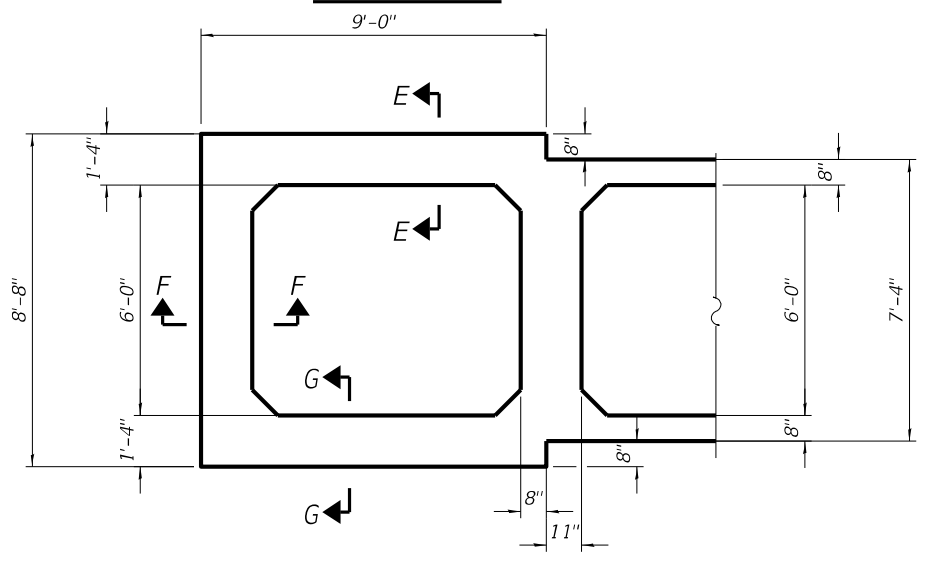
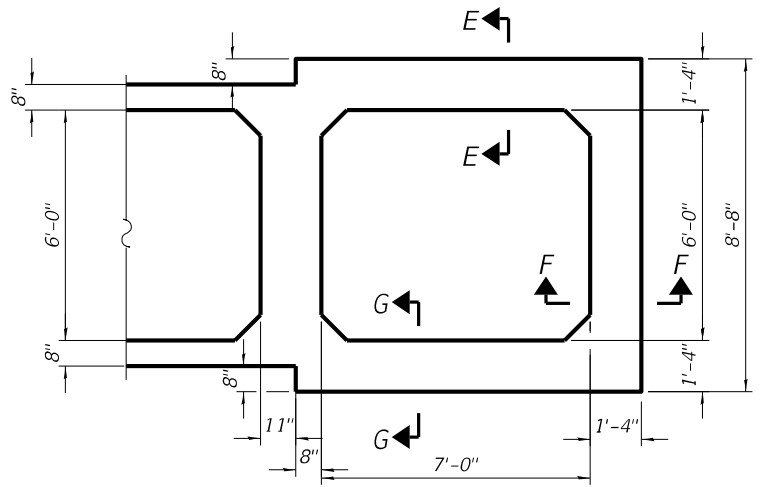
Concrete Box Culvert

Concrete Box Culvert

Precast Concrete Box Culvert

SECTION A-A

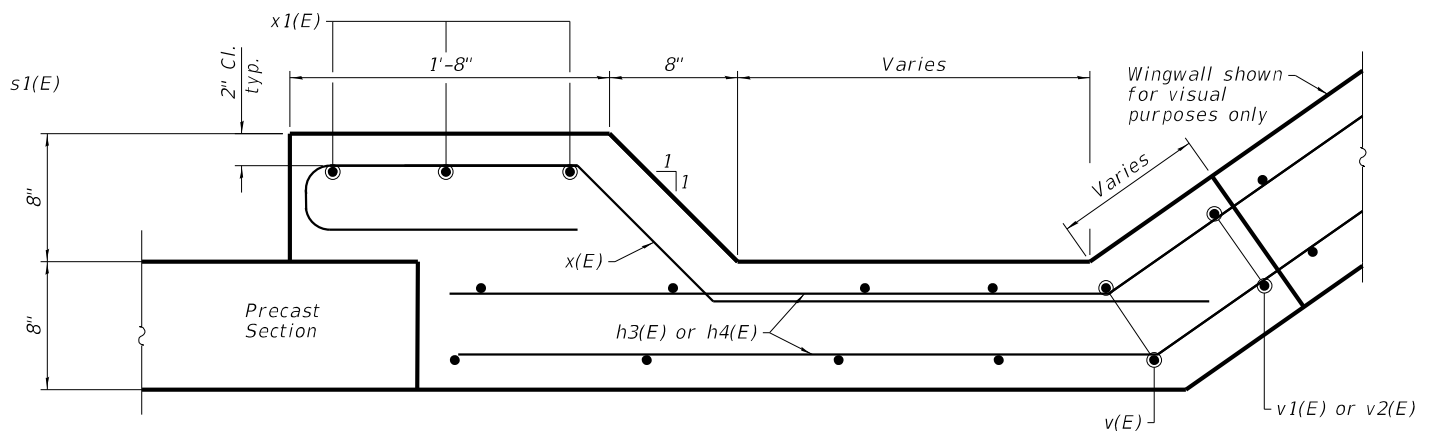
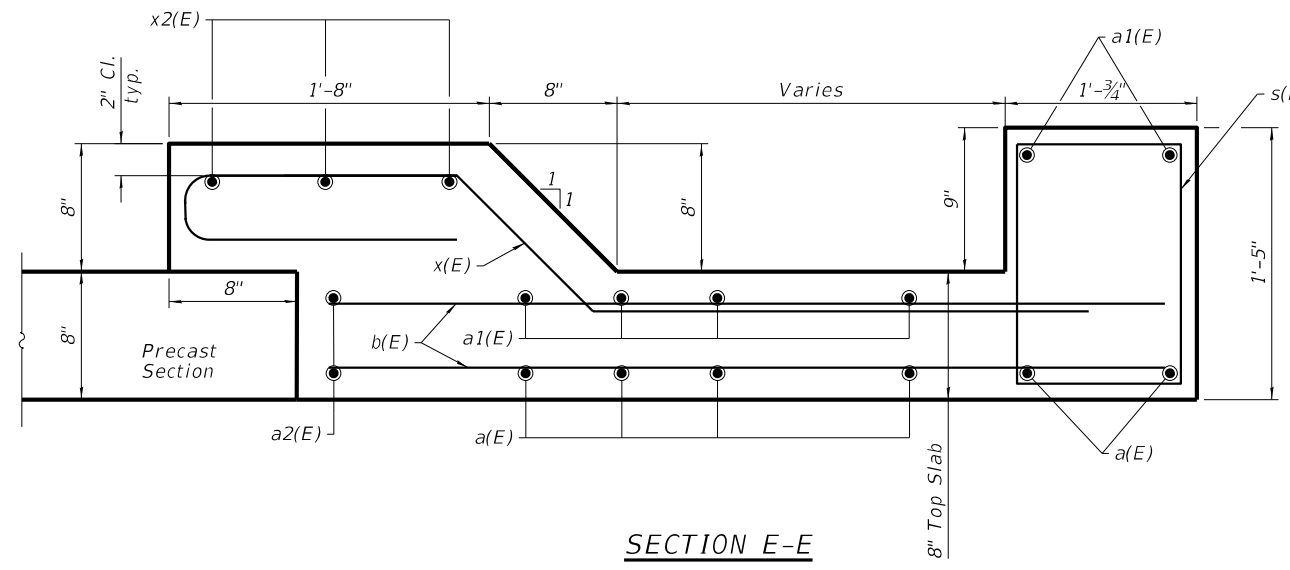
SECTION B-B



SECTION C-C

SECTION D-D

SECTION G-G



SECTION E-E

SECTION F-F

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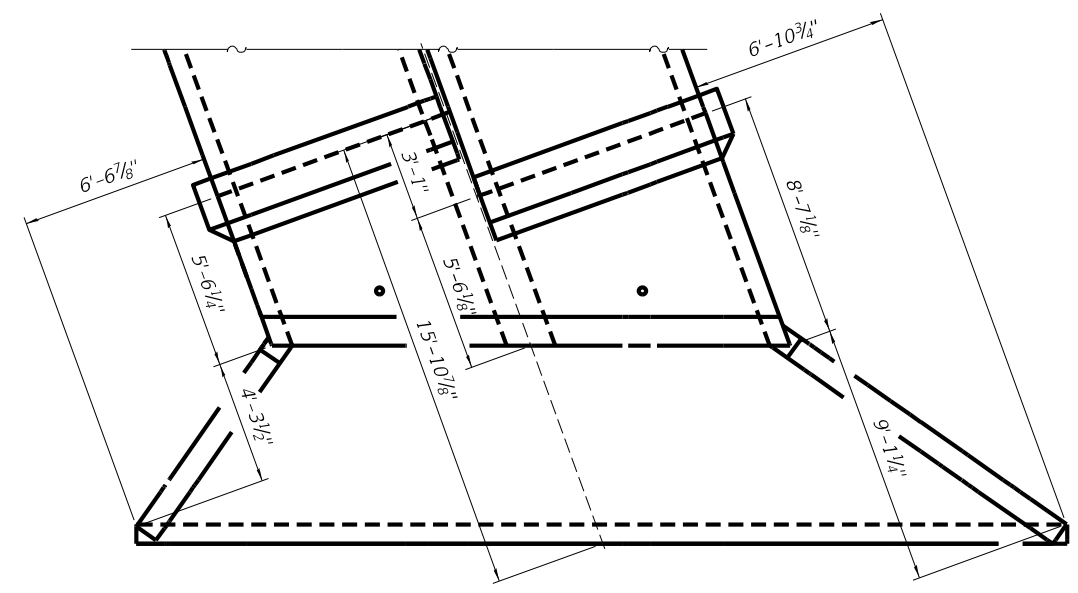
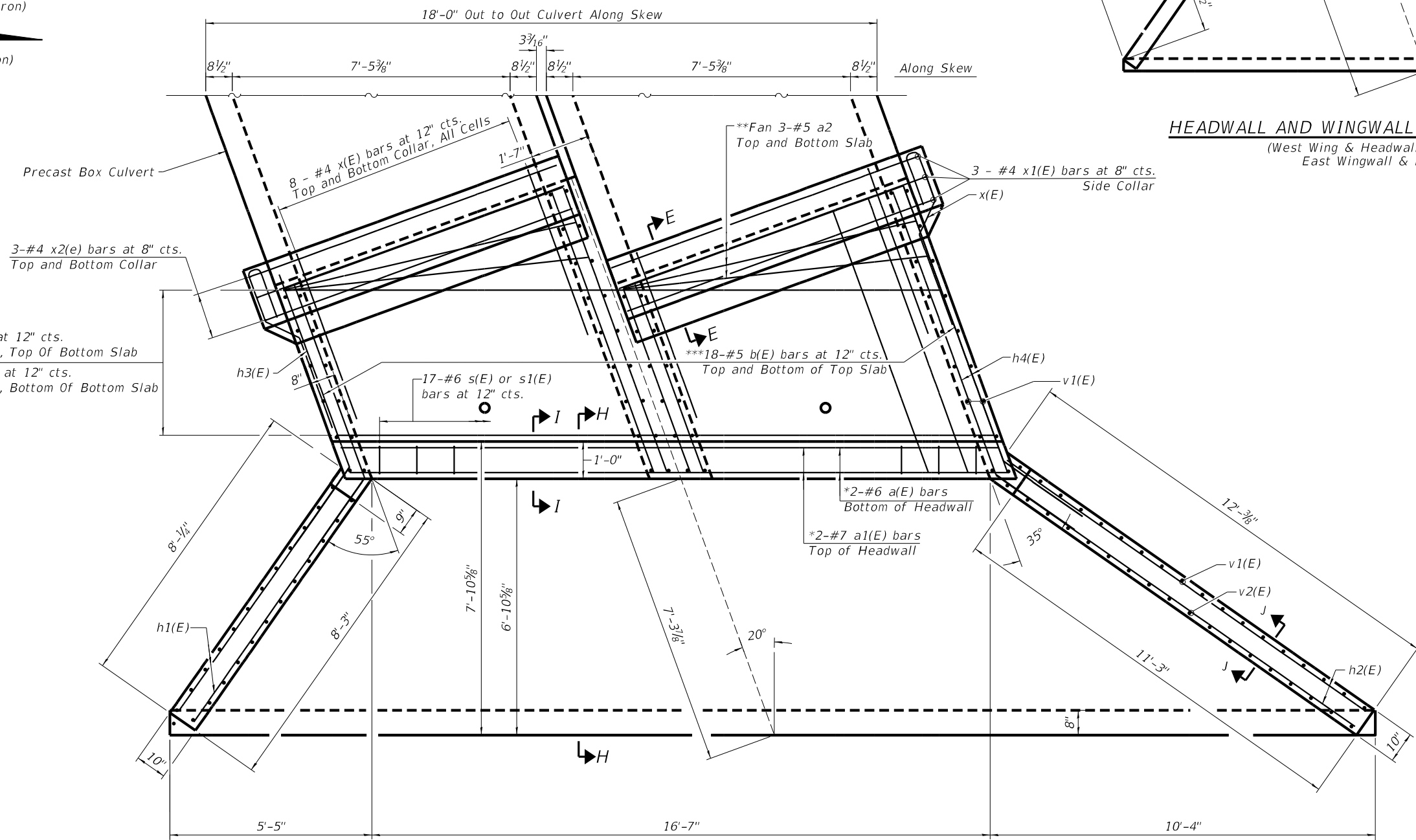
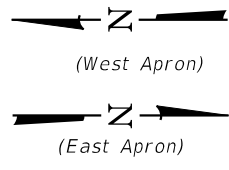
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COLLAR DETAILS

STRUCTURAL SHEET NO. 5 OF 10 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	20
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				



HEADWALL AND WINGWALL ADDITIONAL DIMENSIONS

(West Wing & Headwall Reinforcement Shown
East Wingwall & Headwall Similar)

HEADWALL AND WINGWALL REINFORCEMENT

(West Wing & Headwall Reinforcement Shown
East Wingwall & Headwall Similar)

*Place 2 - a(E) & a1(E) in bottom slab in similar locations in the headwall.

**Cut to Fit

***See Field Cutting Diagram on Structural Sheet 9 of 10.

Note:
See Structural Sheet 8 of 10 for Section H-H & J-J

See Structural Sheet 5 of 10 for Section E-E

FILE NAME: S:\PROJECTS\2020\1155D20_IDOTD8\DESIGN\CAD_SHEETS\WO_5_Apron_End_Section_Details.dgn



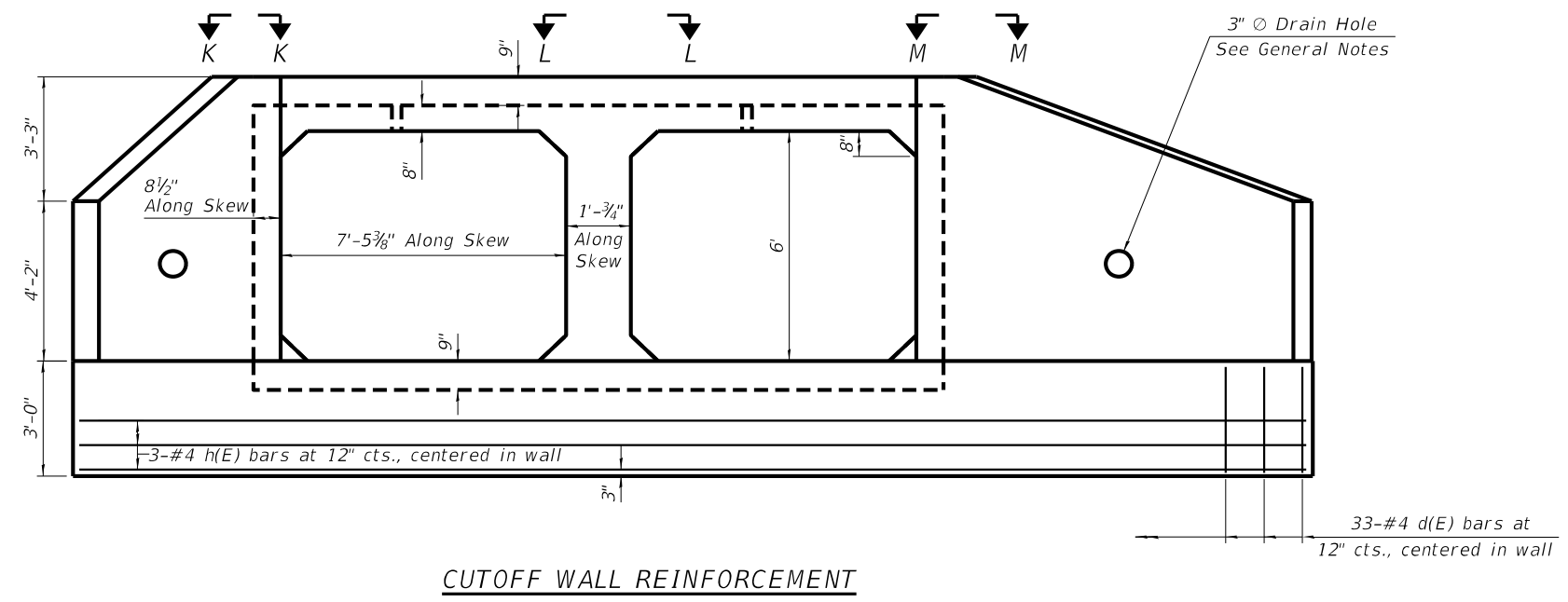
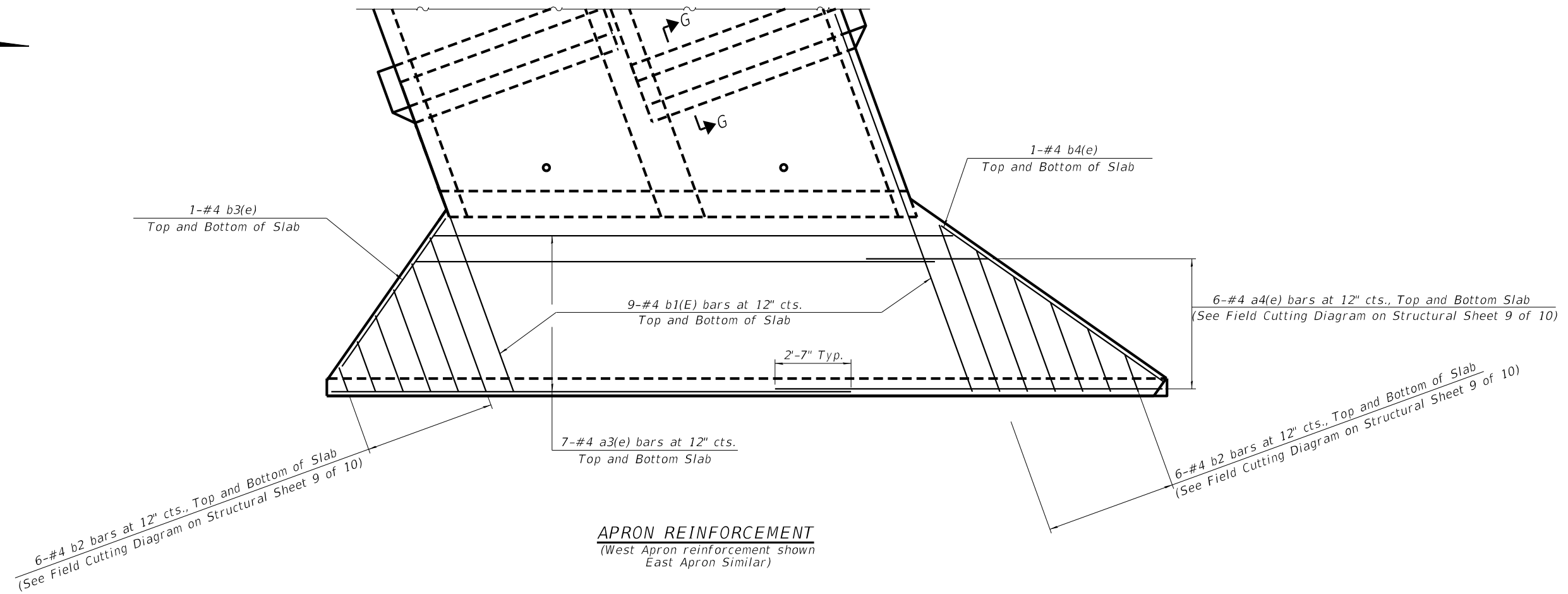
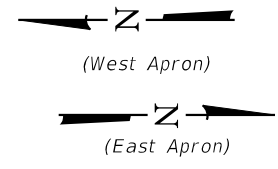
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APRON END
SECTION DETAILS**

STRUCTURAL SHEET NO. 6 OF 10 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	21
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				



Note:
See Structural Sheet 8 of 10 for Section K-K & M-M
See Structural Sheet 5 of 10 for Section G-G

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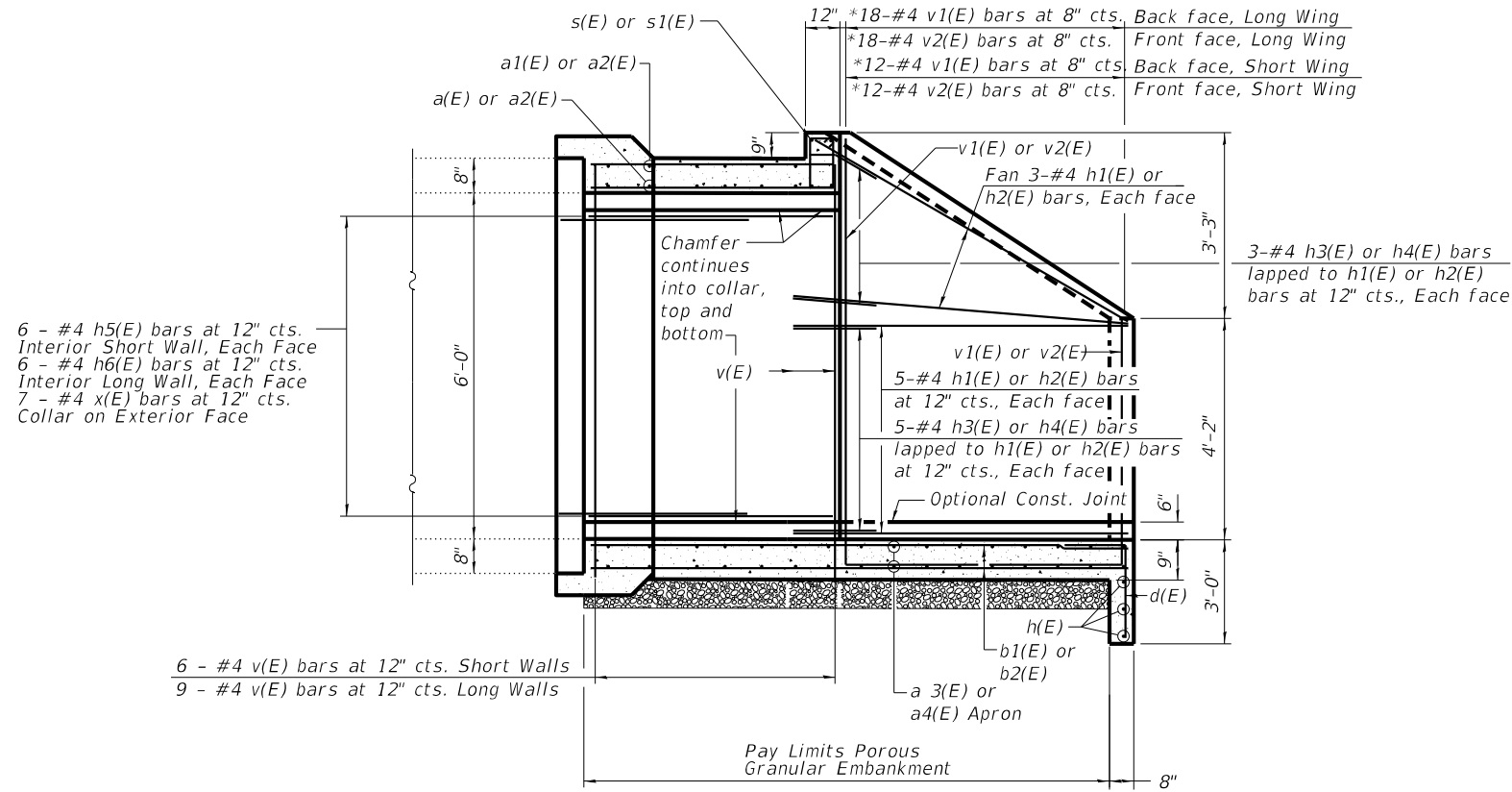
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

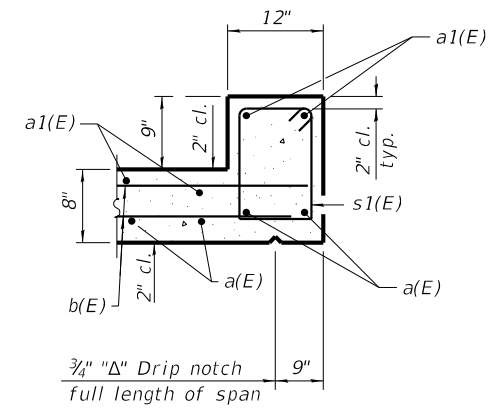
**APRON END
SECTION DETAILS**

STRUCTURAL SHEET NO. 7 OF 10 SHEETS

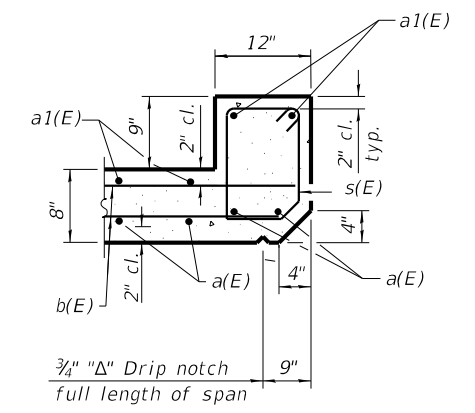
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	22
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				



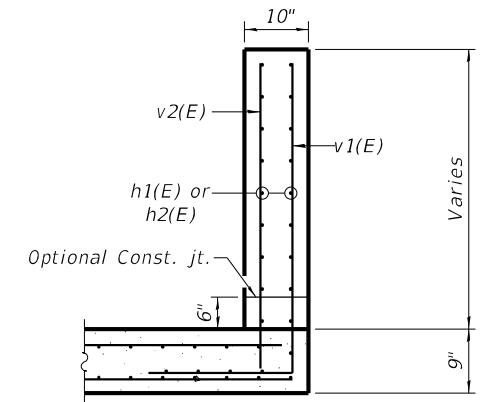
SECTION H-H
 *See Field Cutting Diagram
 (See Headwall & Wingwall reinforcement on Structural Sheet 9 of 10 for bar locations)



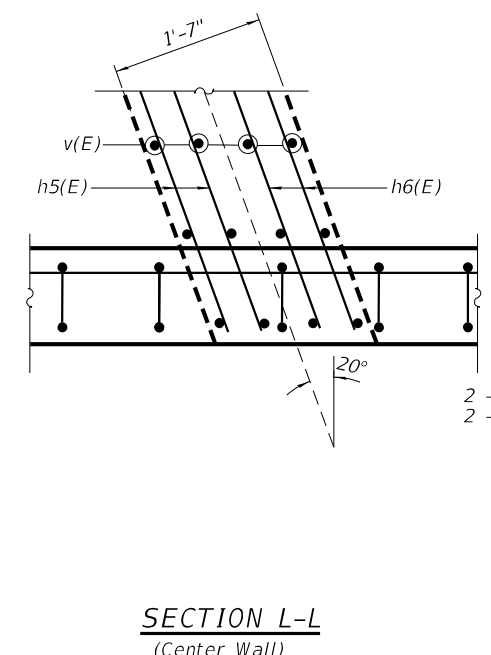
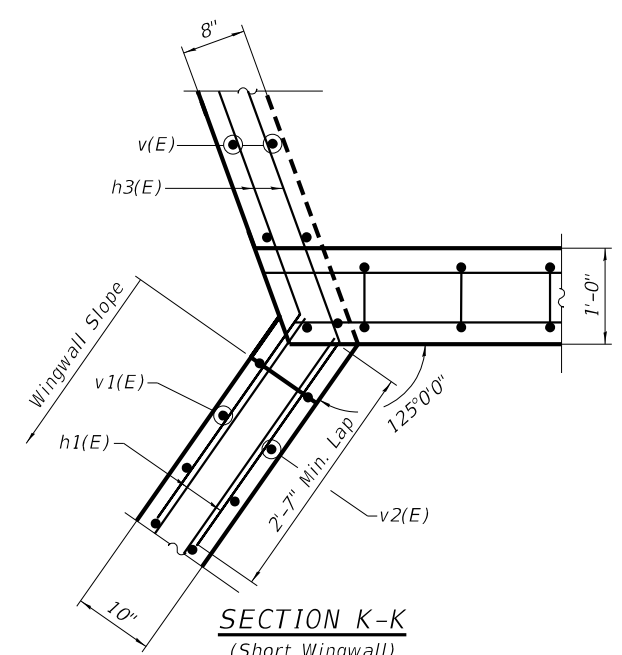
SECTION I-I
 (Top Slab at East End)



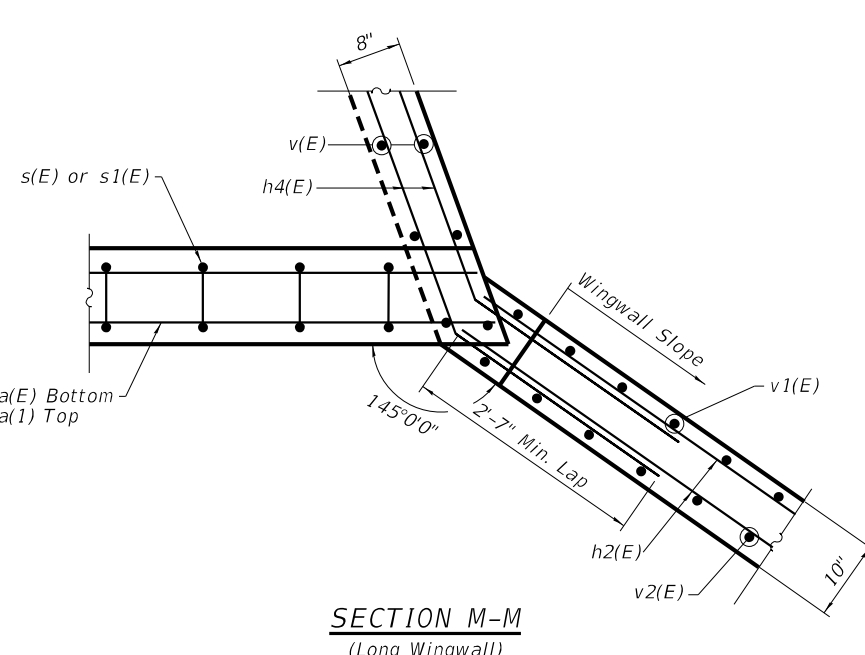
SECTION I-I
 (Top Slab at West End)



SECTION J-J



SECTION L-L
 (Center Wall)



SECTION M-M
 (Long Wingwall)

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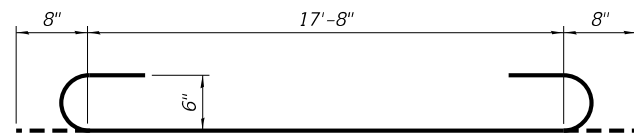


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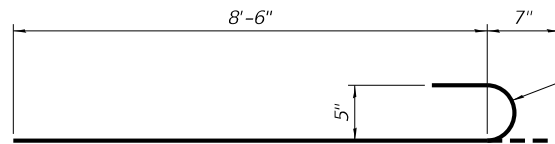
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APRON END
 SECTION DETAILS
 STRUCTURAL SHEET NO. 8 OF 10 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	23
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

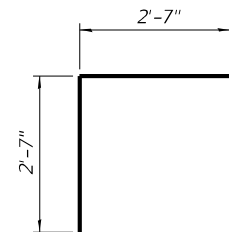


BAR a(E)

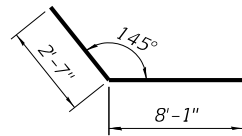


BAR a2(E)

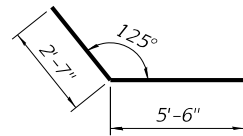
Place Hook on Exterior Face



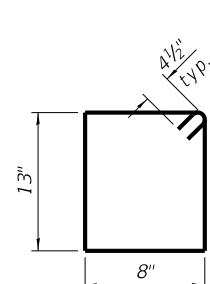
BAR d(E)



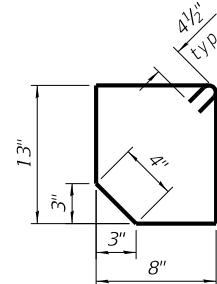
BARS h4(E)



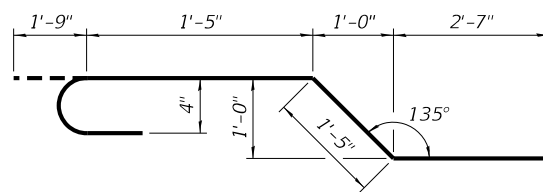
BARS h3(E)



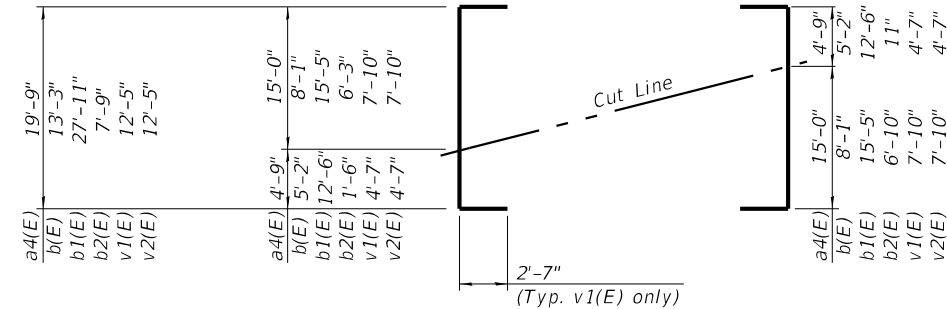
BAR s1(E)



BAR s(E)



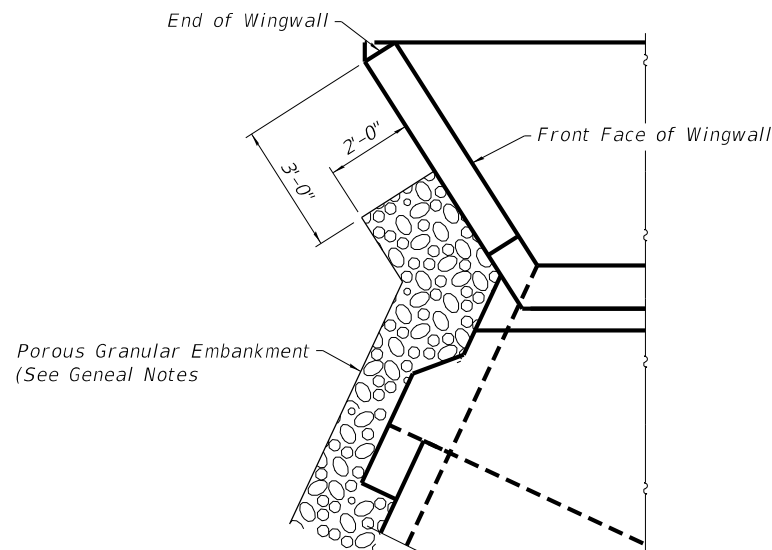
BAR x(E)



FIELD CUTTING DIAGRAM

Order bars shown full length. Cut as shown and use remainder of bars in opposite face as is apron/wingwall

- 6-#4 a4(E) bars at 12" cts
- 9-#5 b1(E) bars at 12" cts
- 9-#5 b2(E) bars at 12" cts
- 6-#4 b2(E) bars at 12" cts,
- 12-#4 v1(E) bars at 12" cts, Short Wingwall
- 18-#4 v1(E) bars at 12" cts, Long Wingwall
- 12-#4 v2(E) bars at 12" cts, Short Wingwall
- 18-#4 v2(E) bars at 12" cts, Long Wingwall



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT AT WINGWALLS

MINIMUM BAR LAP	
Size	Lap
#4	2'-7"
#5	3'-2"
#6	4'-9"
#7	5'-6"

FILE NAME: S:\PROJECTS\2020\1155020_IDOTD8DESIGN\CAD_SHEETS\WO_5_Apron End Section_Details.dgn



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	CHECKED - xxx	REVISED -
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PLOT DATE = 8/18/2023	CHECKED - xxx	REVISED -

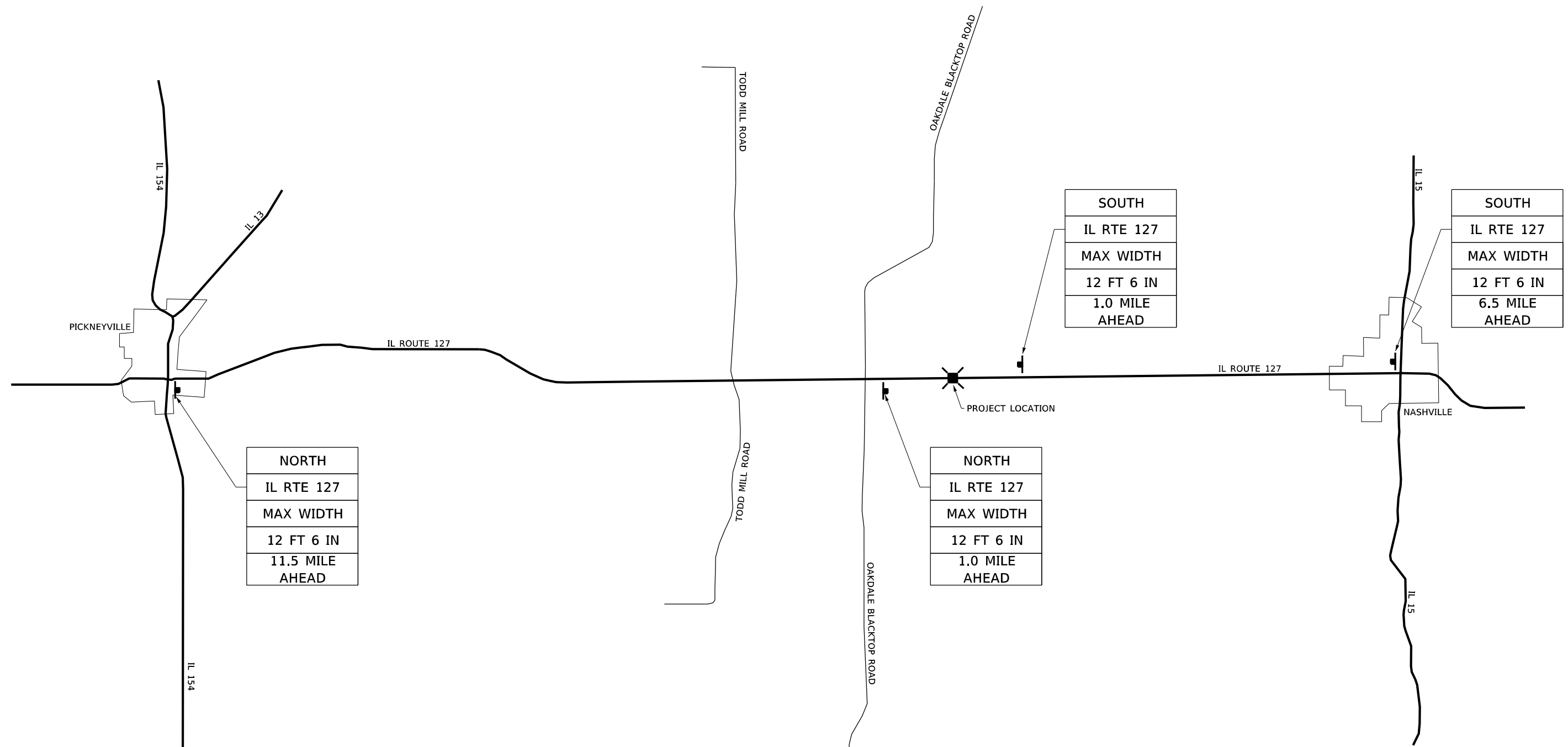
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APRON END
SECTION DETAILS**

STRUCTURAL SHEET NO. 9 OF 10 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	24
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

FILE NAME: S:\PROJECTS\2020\1155D20_IDOTD8DESIGN\CAD_SHEETS\WO_5\1155D20_WO_5_Width Restriction Sign Plan.dgn



NORTH
IL RTE 127
MAX WIDTH
12 FT 6 IN
11.5 MILE
AHEAD

SOUTH
IL RTE 127
MAX WIDTH
12 FT 6 IN
1.0 MILE
AHEAD

SOUTH
IL RTE 127
MAX WIDTH
12 FT 6 IN
6.5 MILE
AHEAD

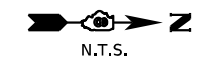
NORTH
IL RTE 127
MAX WIDTH
12 FT 6 IN
1.0 MILE
AHEAD

SIGN LEGEND

(4)	MAX WIDTH	(1)	NORTH
	12 FT 6 IN		SOUTH
	XX MILE AHEAD	(2)	IL RTE 127
		(3)	

NOTES

- ALL SIGNS REQUIRED WILL BE SUPPLIED TO THE CONTRACTOR BY IDOT.
- THE CONTRACTOR SHALL FURNISH THE POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET OR AS DIRECTED BY THE ENGINEER. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL GIVE THE ILLINOIS DEPARTMENT OF TRANSPORTATION, BUREAU OF OPERATIONS TWO WEEKS NOTICE TO PREPARE THE SIGNS. THE CONTRACTOR SHALL PICK UP THE SIGNS FROM THE DISTRICT AND RETURN THEM UPON COMPLETION OF THE CONTRACT.
- ALL MATERIALS, EQUIPMENT AND WORK REQUIRED SHALL BE PAID FOR AT THE CONTRACT UNIT BID PRICE, PER LUMP SUM FOR WIDTH RESTRICTION SIGNING AND NO OTHER COMPENSATION WILL BE ALLOWED.
- THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.



USER NAME = greg	DESIGNED - xxx	REVISED -
	CHECKED - xxx	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - xxx	REVISED -
PLOT DATE = 8/18/2023	CHECKED - xxx	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION SIGNING PLAN

SCALE: N / A SHEET 1 OF 1 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	9-2CR-1	WASHINGTON	35	25
CONTRACT NO. 76M88				
ILLINOIS FED. AID PROJECT				

SOIL BORING LOG

Date 7/25/22

ROUTE FAP 42 (IL 127) DESCRIPTION _____ D-98-016-20 (WO #8) LOGGED BY KEG

SECTION 9-2CR-1 LOCATION IL 127 @ S Mid Trib to Locust Creek 6.7 miles S, SEC. , TWP. , RNG. , PM

COUNTY Washington DRILLING METHOD 3 3/4" HSA HAMMER TYPE Auto

STRUCT. NO. 095-2469
Station 620+92

BORING NO. B-1
Station _____
Offset 5.00ft Left
Ground Surface Elev. 474.45 ft

DEPTH H S	BLOW S	UCS Qu	MOIST T	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	DEPTH H	BLOW S	UCS Qu	MOIST T
8" Asphalt. 12" Concrete				473.5		Becomes Wet. (Poor Recovery) (continued)				
	2					As Above Moist. (Poor Recovery)		50=5"		
Silty Clay Fill. Very Stiff. (Poor Recovery)	2	2.25	19							15
	2	P								
				471.0		(Poor Recovery)		50=2.5"		
Becomes Med Stiff to Stiff (Poor Recovery)	2	0.75	26							9
	3	P								
				468.5		(Poor Recovery)		50=4"		
Brown & Gray Clay. Stiff	2	1.05	21			Classification at 26'				9
	2	B								
				466.0		(Poor Recovery)		50=5.5"		
Gray Clayey-Sand. Moist. Fine-Grained, very soft	1	0.17	33			Boring Terminated 30.0'				10
	1	B				*Offset 4' N of Original Mark				
	1									
*No Recovery	2	*NR								
	2									
				461.5						
Gray Clayey Sand as above	3		18							
	36									
14.0' Tan Sand. Fine-Grained. Well Sorted, Very Dense, Moist.	1									
	1									
				458.5						
(Poor Recovery)	1		10							
	1									
				457.0						
Becomes Wet. (Poor Recovery)	1		78							
	1									
				454.5						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

SOIL BORING LOG

Date 7/25/22

ROUTE FAP 42 (IL 127) DESCRIPTION _____ D-98-016-20 (WO #8) LOGGED BY KEG

SECTION 9-2CR-1 LOCATION IL 127 @ S Mid Trib to Locust Creek 6.7 miles S, SEC. , TWP. , RNG. , PM

COUNTY Washington DRILLING METHOD 3 3/4" HSA HAMMER TYPE Auto

STRUCT. NO. 095-2469
Station 620+75

BORING NO. B-2
Station _____
Offset 7.00ft Right
Ground Surface Elev. 474.52 ft

DEPTH H S	BLOW S	UCS Qu	MOIST T	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	DEPTH H	BLOW S	UCS Qu	MOIST T
8" Asphalt. 12" Concrete				473.0		Tan Sand as above. (Wet)				
	2							50=4"		
	3	2.84	20							16
Brown & Gray Silty Clay. Stiff to Very Stiff	4	B								
				451.5		Becomes Moist.		50=4.5"		
	3									
	2	1.66	20							14
	3	B								
				449.0		Classification at 6'		50=4"		
	4									
	5	1.75	14							17
	4	B								
				466.0		Poor Recovery		50=4"		
	2									
Gray Sandy- Clay. Moist. Very Soft to Soft. Fine Grained	1	.22	25			Boring Terminated 30.0'				15
	2	B				*Offset 5' S of Original Mark				
				444.5						
	2									
	1	.25	23							
	3	P								
				460.5						
	7									
	29		12							
14.0' Tan Sand. Fine Grained. Well Sorted, Very Dense, Moist.	1									
	1									
				458.5						
(Poor Recovery)	1		15							
	1									
				457.0						
Becomes Wet (Groundwater) No recovery	1		*NR							
	1									
				454.5						

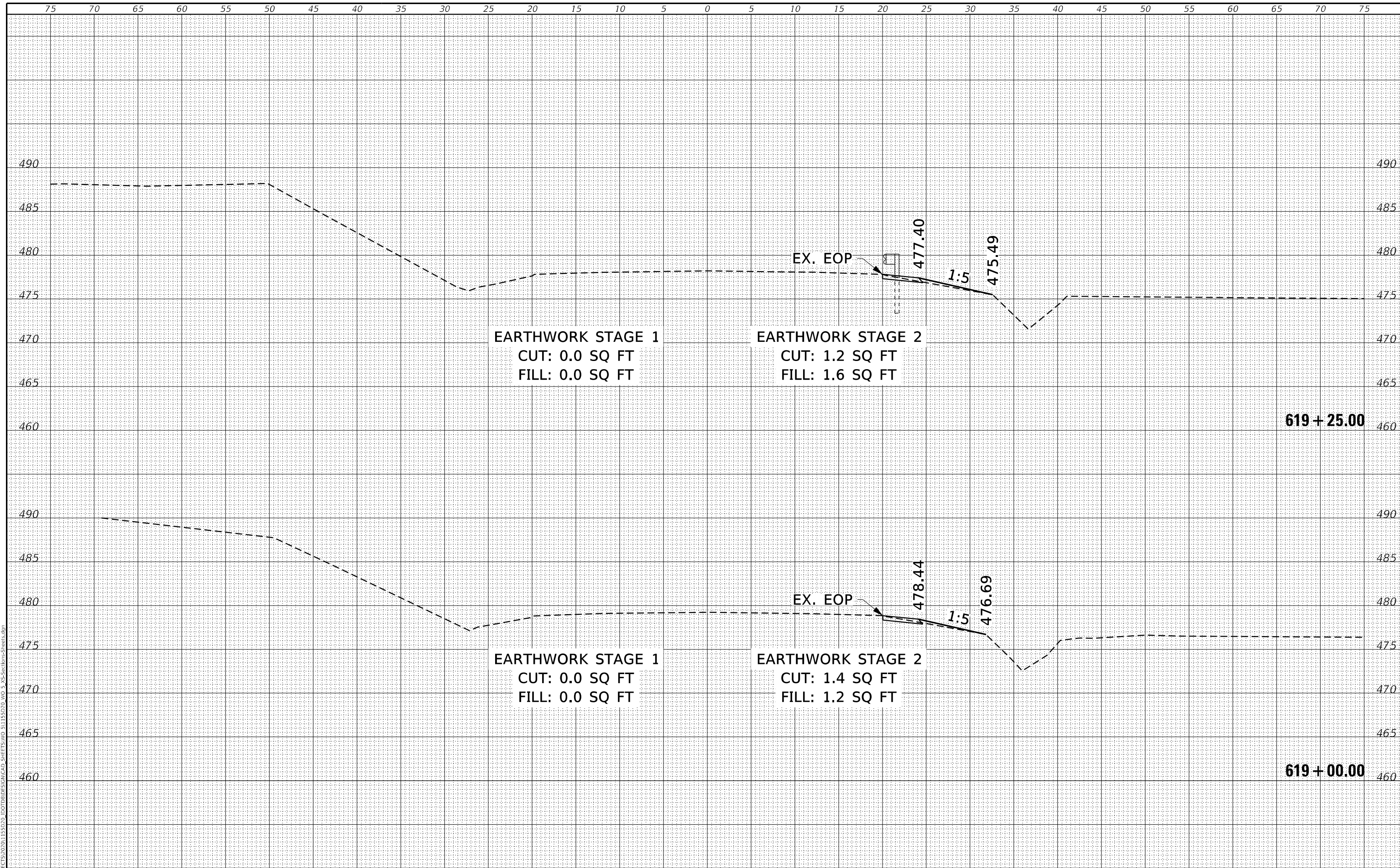
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

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

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




WILLETTS HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DIXON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - GBG	REVISED -
	DRAWN - GBG	REVISED -
PLOT SCALE = 120,0000' / FT.	CHECKED -	REVISED -
PLOT DATE = 8/18/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

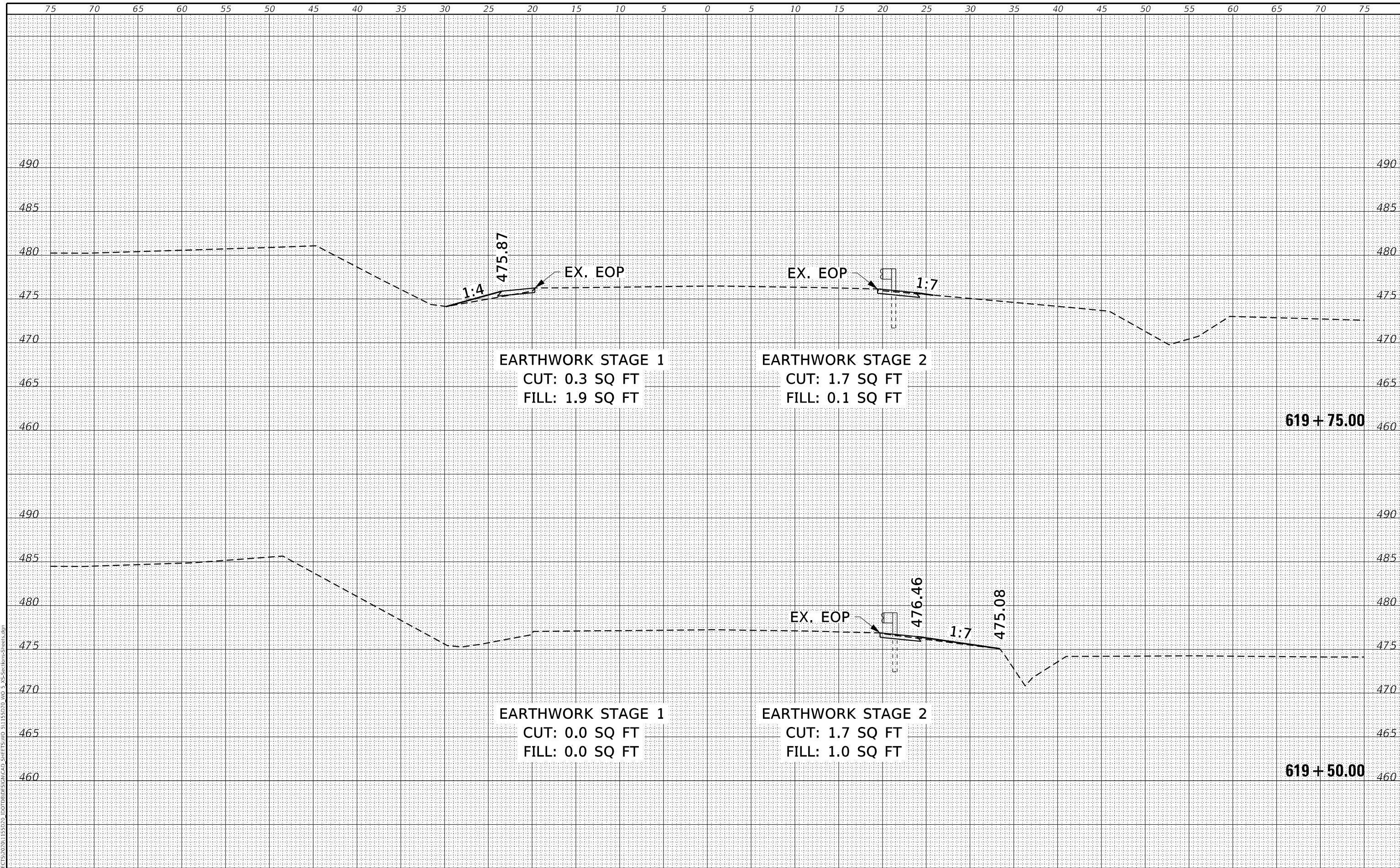
CROSS SECTIONS

SHEET 01 OF 09 SHEETS STA. 618+75.00 TO STA. 619+25.00

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	27
WHA# 1155D20			CONTRACT NO. 76M88	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



EARTHWORK STAGE 1
 CUT: 0.3 SQ FT
 FILL: 1.9 SQ FT

EARTHWORK STAGE 2
 CUT: 1.7 SQ FT
 FILL: 0.1 SQ FT

EARTHWORK STAGE 1
 CUT: 0.0 SQ FT
 FILL: 0.0 SQ FT

EARTHWORK STAGE 2
 CUT: 1.7 SQ FT
 FILL: 1.0 SQ FT

619 + 75.00

619 + 50.00



USER NAME = greg	DESIGNED - GBG	REVISED -
	DRAWN - GBG	REVISED -
PLOT SCALE = 120,0000' / FT.	CHECKED -	REVISED -
PLOT DATE = 8/18/2023	DATE -	REVISED -

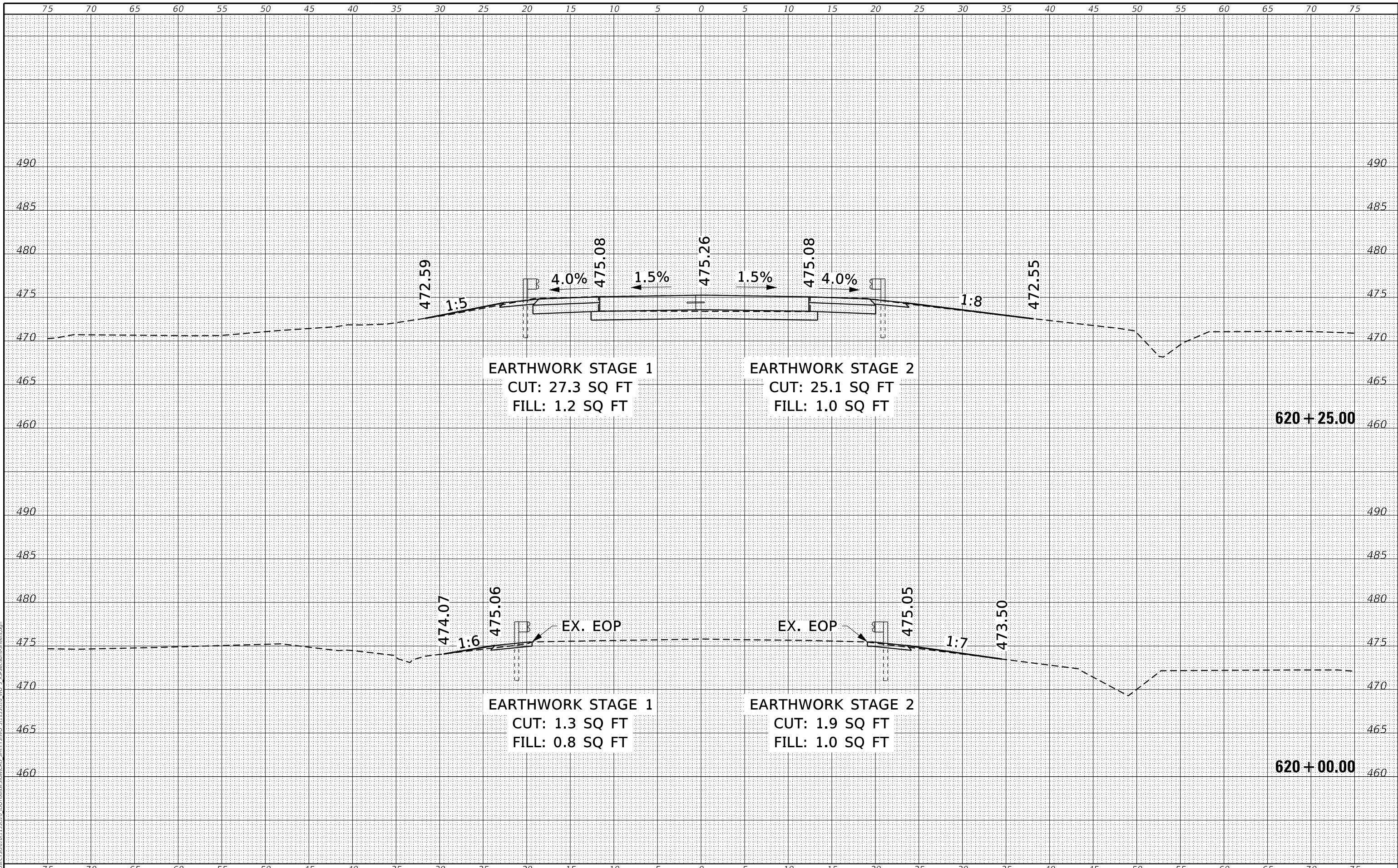
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SHEET 02 OF 09 SHEETS STA. 619+50.00 TO STA. 619+75.00

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	28
WHA# 1155D20			CONTRACT NO. 76M88	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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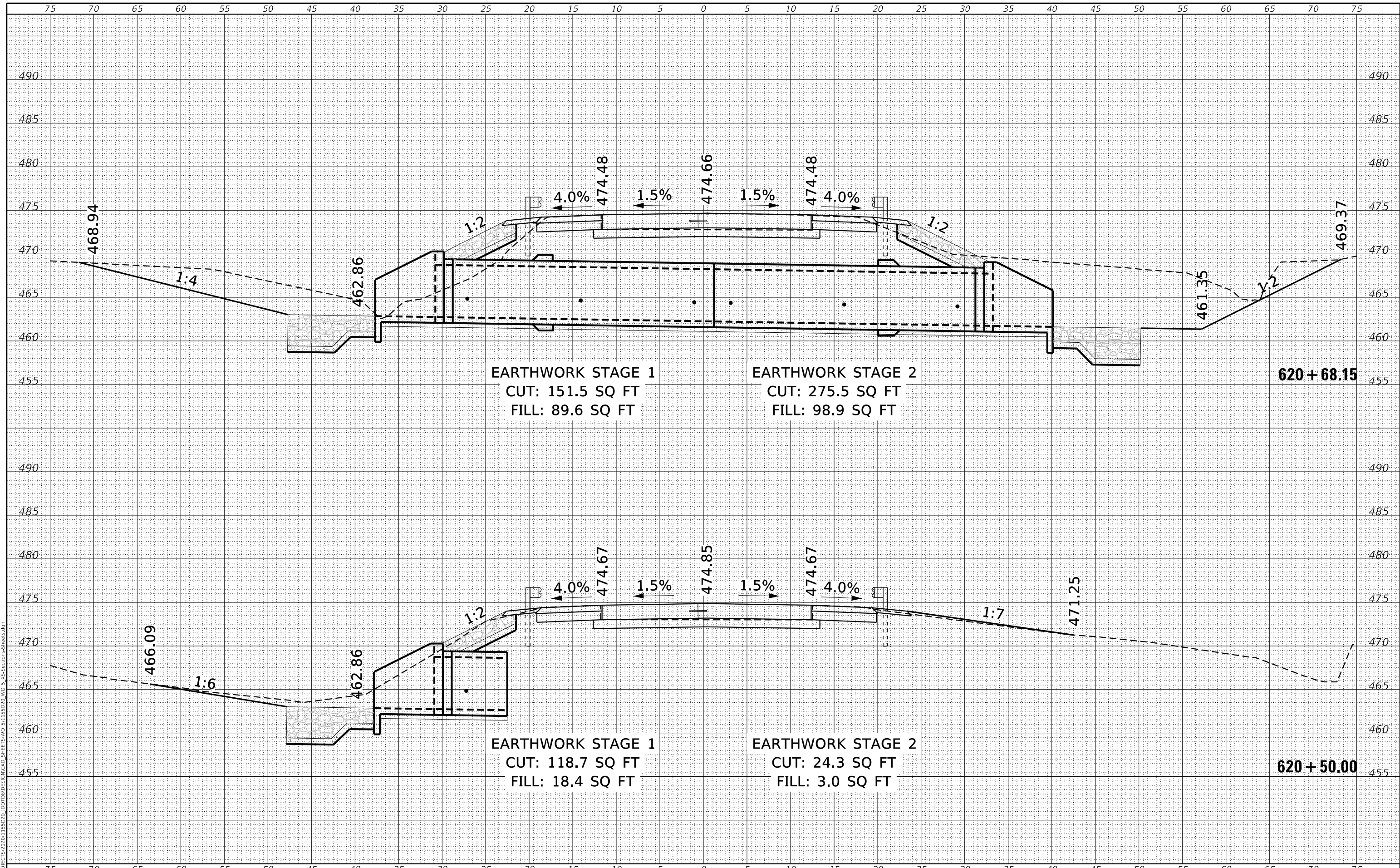
<p>WILLET HOFMANN & ASSOCIATES INC. ENGINEERING ARCHITECTURE LAND SURVEYING 809 EAST 2ND STREET, DINON, IL 61021-0367 T: 815-284-3381 DESIGN FIRM: #184-000918</p>	USER NAME = greg PLOT SCALE = 120,0000' / ft. PLOT DATE = 8/18/2023	DESIGNED - GBG DRAWN - GBG CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS	IL RTE. 127	SECTION 9-2CR-1	COUNTY WASHINGTON	TOTAL SHEETS 35	SHEET NO. 29
	SHEET 03 OF 09 SHEETS STA. 620+00.00 TO STA. 620+25.00						WHA# 1155D20		CONTRACT NO. 76M88	

ILLINOIS FED. AID PROJECT

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

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

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WILLET HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - GBG	REVISED -
	DRAWN - GBG	REVISED -
PLOT SCALE = 120,0000' / FT.	CHECKED -	REVISED -
PLOT DATE = 8/18/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

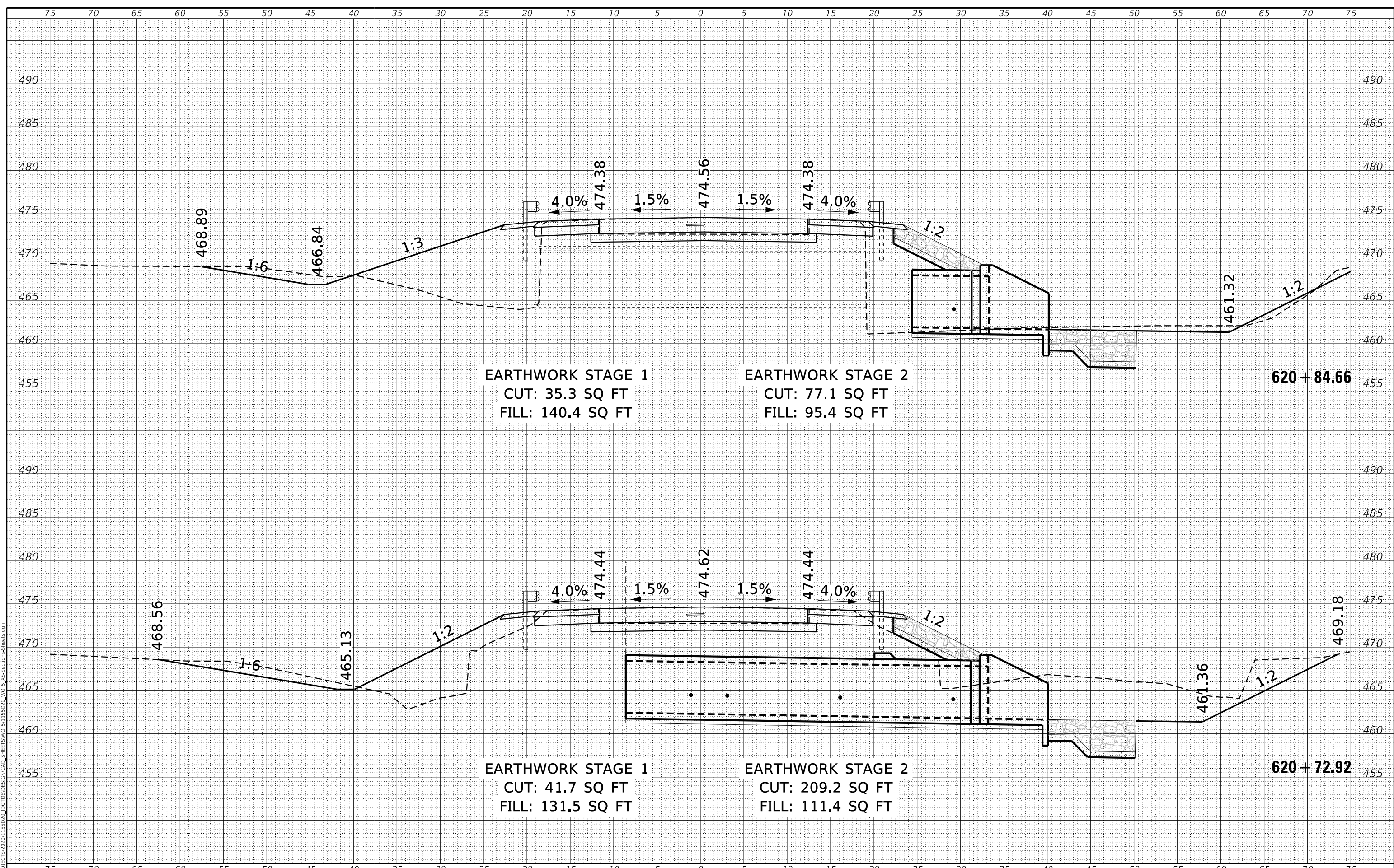
CROSS SECTIONS

SHEET 04 OF 09 SHEETS STA. 620+50.00 TO STA. 620+68.15

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	30
WHA# 1155D20			CONTRACT NO. 76M88	
ILLINOIS FED. AID PROJECT				

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

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



WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DIXON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - GBG	REVISED -
	DRAWN - GBG	REVISED -
PLOT SCALE = 120,0000' / 1/	CHECKED -	REVISED -
PLOT DATE = 8/18/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

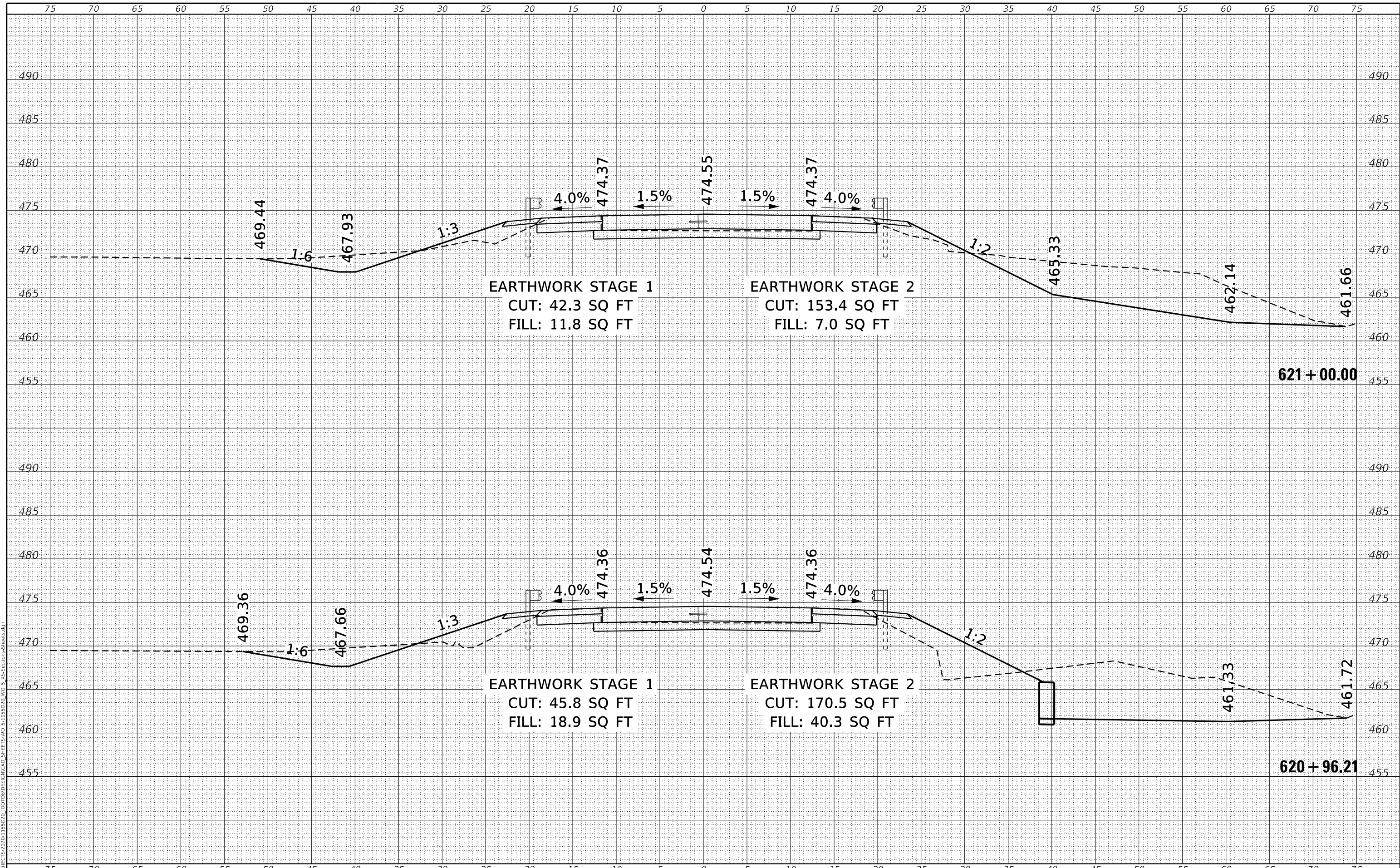
SHEET 05 OF 09 SHEETS STA. 620+72.92 TO STA. 620+84.66

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	31
WHA# 1155D20			CONTRACT NO. 76M88	
ILLINOIS FED. AID PROJECT				

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

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

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WILLET HOFMANN & ASSOCIATES INC
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DINON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - GBG	REVISED -
	DRAWN - GBG	REVISED -
PLOT SCALE = 1/20,000" = 1/16"	CHECKED -	REVISED -
PLOT DATE = 8/18/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

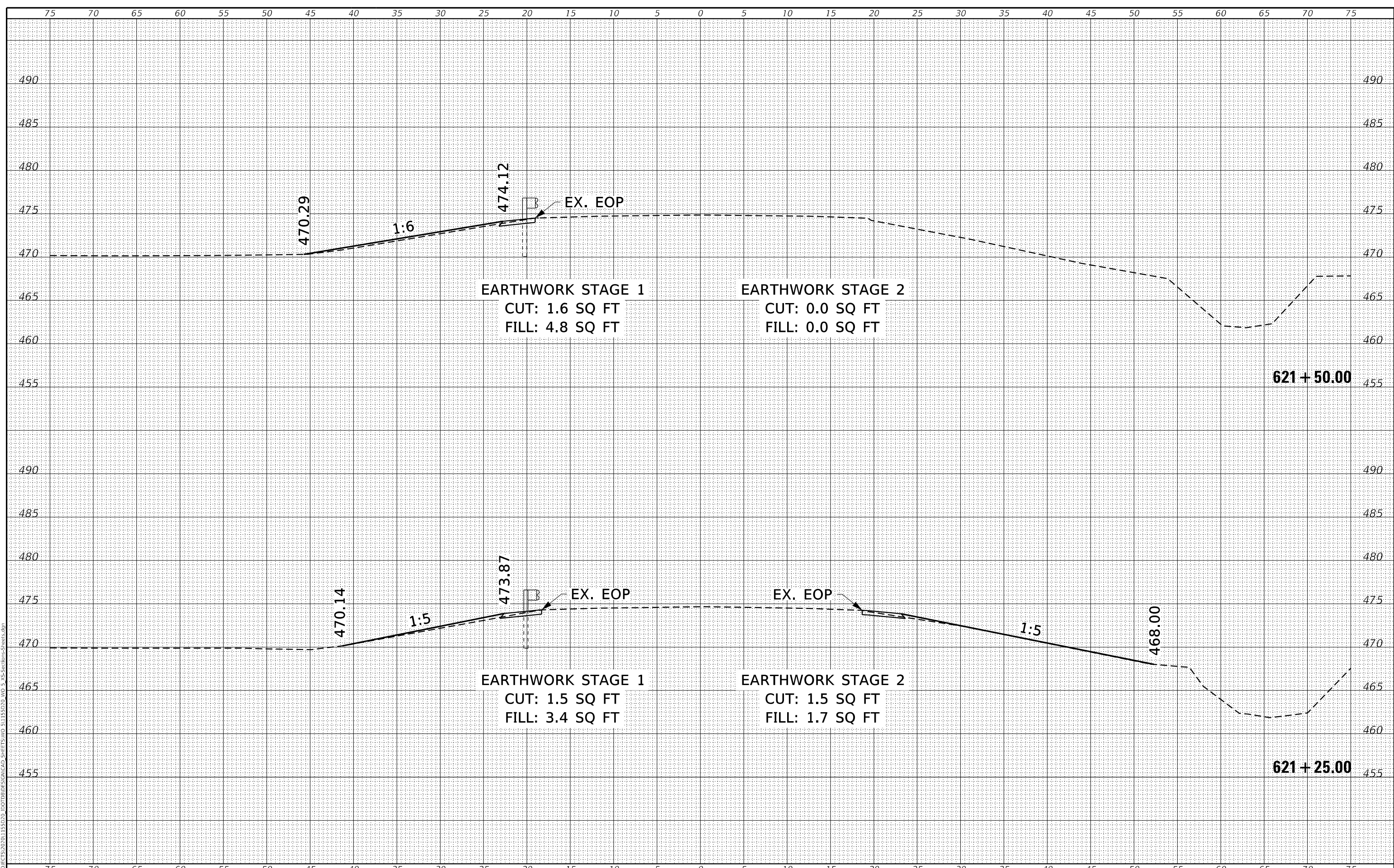
CROSS SECTIONS

SHEET 06 OF 09 SHEETS STA. 620+96.21 TO STA. 621+00.00

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	32
WHA# 1155D20			CONTRACT NO. 76M88	
ILLINOIS FED. AID PROJECT				

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



WILLET HOFMANN & ASSOCIATES INC
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DIXON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - GBG	REVISED -
	DRAWN - GBG	REVISED -
PLOT SCALE = 120,0000' / FT.	CHECKED -	REVISED -
PLOT DATE = 8/18/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

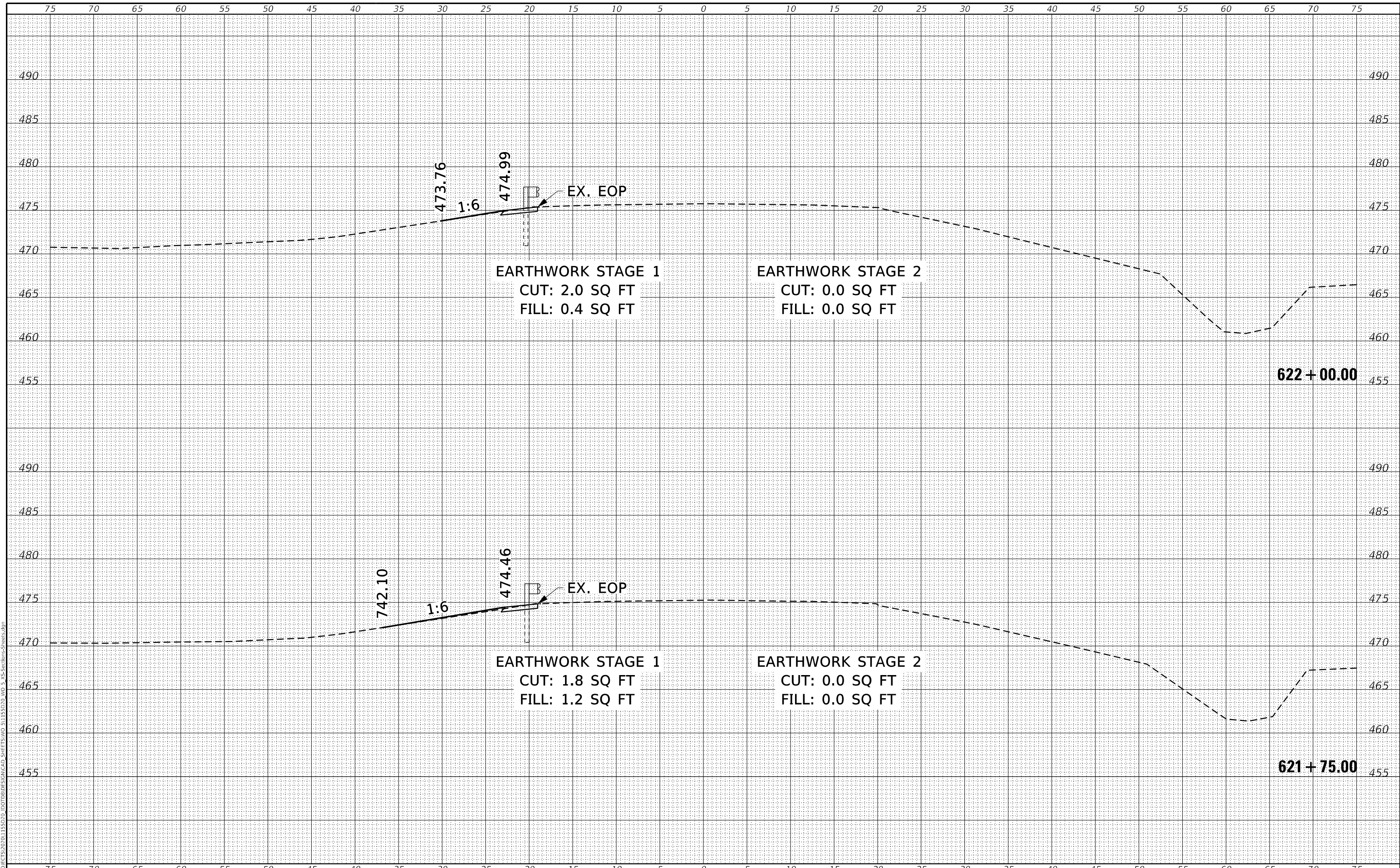
SHEET 07 OF 09 SHEETS STA. 621+25.00 TO STA. 621+50.00

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	33
WHA# 1155D20			CONTRACT NO. 76M88	
ILLINOIS FED. AID PROJECT				

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

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

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WILLET HOFMANN & ASSOCIATES INC
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DIXON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - GBG	REVISED -
	DRAWN - GBG	REVISED -
PLOT SCALE = 120,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 8/18/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

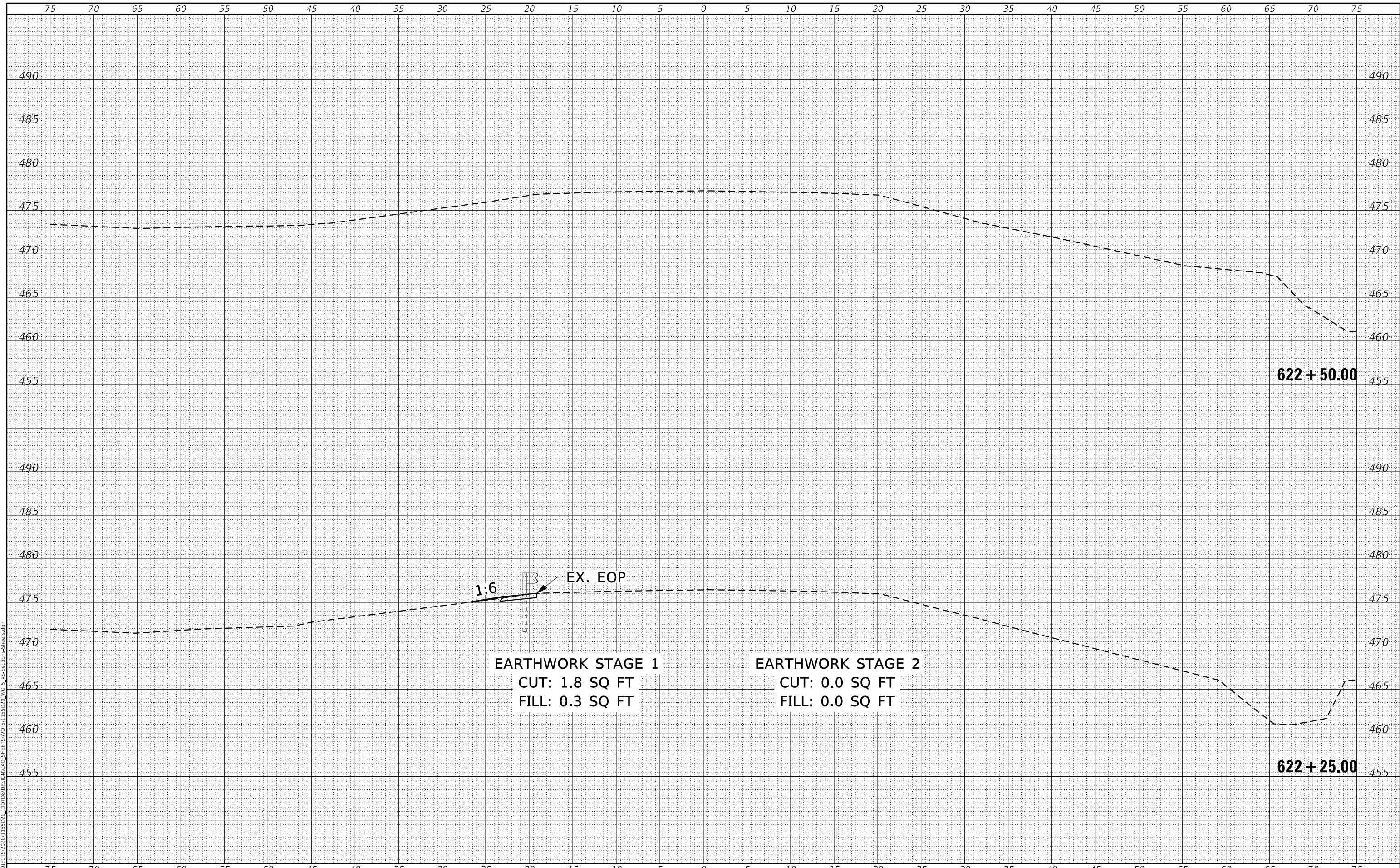
CROSS SECTIONS

SHEET 08 OF 09 SHEETS STA. 621+75.00 TO STA. 622+00.00

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	34
WHA# 1155D20			CONTRACT NO. 76M88	
ILLINOIS FED. AID PROJECT				

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

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




WILLETTS HOFMANN & ASSOCIATES INC
 ENGINEERING ARCHITECTURE LAND SURVEYING
 809 EAST 2ND STREET, DINON, IL 61021-0367
 T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = greg	DESIGNED - GBG	REVISED -
	DRAWN - GBG	REVISED -
PLOT SCALE = 120,0000' / ft.	CHECKED -	REVISED -
PLOT DATE = 8/18/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 09 OF 09 SHEETS		STA. 622+25.00 TO STA. 622+50.00	
		CROSS SECTIONS	

IL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
127	9-2CR-1	WASHINGTON	35	35
WHA# 1155D20			CONTRACT NO. 76M88	
ILLINOIS FED. AID PROJECT				