

1. COVER SHEET
2. GENERAL NOTES
- 3-5. SUMMARY OF QUANTITIES
6. TYPICAL SECTIONS
- 7-8. SCHEDULES
- 9-10. TRAFFIC CONTROL AND PROTECTION, STANDARD 701321
11. TRAFFIC CONTROL AND PROTECTION, STANDARD 701322 (SPECIAL)
- 12-18. STRUCTURE PLANS FOR STRUCTURE NO. 050-2542
- 19-25. STRUCTURE PLANS FOR STRUCTURE NO. 050-2543
- 26-27. CLASS B PATCHING DETAILS
28. TEMPORARY INFORMATION SIGNING

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006-00 DECIMAL OF AN INCH AND OF A FOOT
- 420001-10 PAVEMENT JOINTS
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 442101-09 CLASS B PATCHES
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630101-10 STRONG POST GUARDRAIL ATTACHED TO CULVERT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701321-18 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
- 701901-08 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- BLR 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

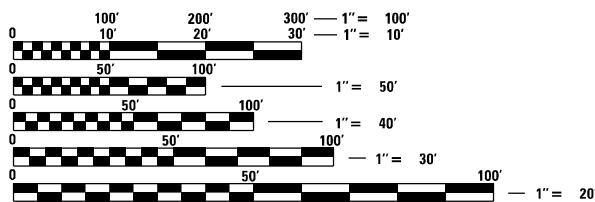
**PROPOSED
HIGHWAY PLANS**

**F.A.P. ROUTE 786 (IL 170)
SECTION (111)CLV, CLV-1
BOX CULVERT REPAIRS
LASALLE COUNTY**

C-93-103-22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	1
		ILLINOIS	CONTRACT NO. 66M76	

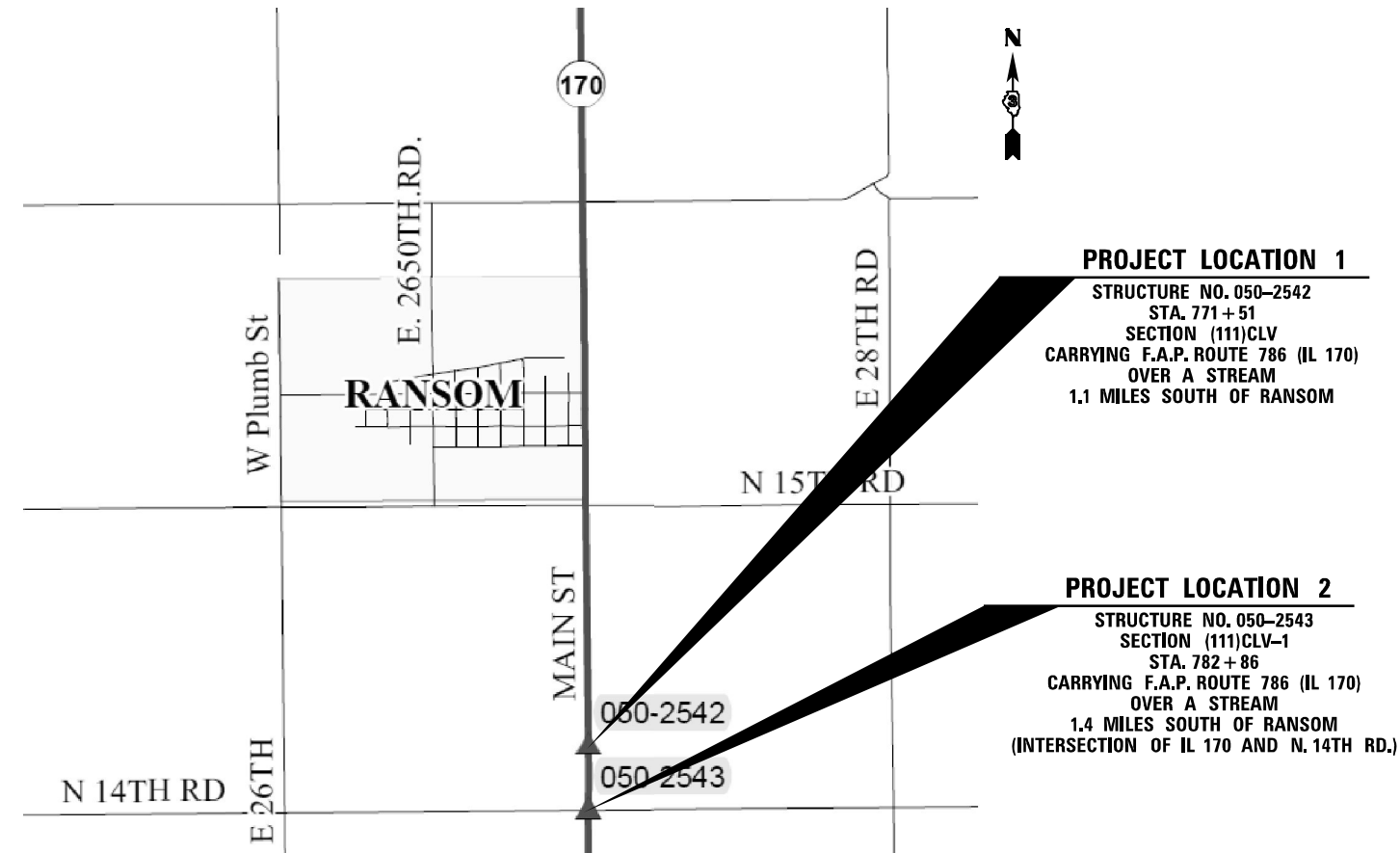
D-93-082-22



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

PROJECT ENGINEER: YOGESH PATEL P.E.
UNIT CHIEF: RON WOODSHANK
DISTRICT PHONE (815) 434-6131
CONTRACT NO. 66M76



FUNCTIONAL CLASSIFICATION

RURAL MINOR ARTERIAL
F.A.P. ROUTE 786 (IL 170)
2021 ADT = 1300
P.V. 74.4 % S.U. 10.4 % M.U. 15.2 %

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 24 2023

James Alwood REGIONAL ENGINEER
May 12, 2023

Scott A. Etk ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 2023

Stephen M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

GENERAL NOTES

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES 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 FINISHED EXCAVATION.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

- COM-ED
- FAIRPOINT COMMUNICATIONS
- ILLINOIS AMERICAN WATER
- METRO COMMUNICATIONS
- NICOR
- OTTER CREEK WIND

COMMITMENTS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION**

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION: _____

INSPECTORS: _____

MODEL: D:\info\...
 FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/23/2023	DATE - 9/26/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: 50 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	2
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE 100% STATE	CONTRACT MAINTENANCE 100% STATE
				BOX CULVERT	BOX CULVERT
				0004	0004
				S.N. 050-2542	S.N. 050-2543
20400800	FURNISHED EXCAVATION	CU YD	56	26	30
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	73	42	31
42000060	WELDED WIRE REINFORCEMENT	SQ YD	273	220	53
44004250	PAVED SHOULDER REMOVAL	SQ YD	58	58	
44201069	CLASS B PATCHES, TYPE IV, 18 INCH	SQ YD	53		53
44201106	CLASS B PATCHES, TYPE IV, 20 INCH	SQ YD	220	220	
44201299	DOWEL BARS 1 1/2"	EACH	66	44	22
44213200	SAWCUTS	FOOT	461	342	119
44213204	TIE BARS 3/4"	EACH	35	22	13
48101200	AGGREGATE SHOULDERS, TYPE B	TON	24	20	4
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12520	6770	5750
50800530	MECHANICAL SPLICERS	EACH	94	56	38
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	2320	1470	850
54002060	EXPANSION BOLTS 3/4 INCH X 12 INCH	EACH	55	25	30

MODEL: D:\data\...
 FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 50 SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	3
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE 100% STATE	CONTRACT MAINTENANCE 100% STATE
				BOX CULVERT	BOX CULVERT
				0004	0004
				S.N. 050-2542	S.N. 050-2543
54003000	CONCRETE BOX CULVERTS	CU YD	59	36	23
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	61	32	29
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	275	275	
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	37.5	25	12.5
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	442.5	430	12.5
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	2	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	28	15	13
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	9	5	4
70400100	TEMPORARY CONCRETE BARRIER	FOOT	500	300	200
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	300	300	
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	2	2

MODEL: D:\info\...
 FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN - RW	REVISED -
PLOT DATE = 3/24/2023	CHECKED - YP	REVISED -
	DATE - 9/26/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: 50	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 4
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE 100% STATE	CONTRACT MAINTENANCE 100% STATE
				BOX CULVERT	BOX CULVERT
				0004	0004
		S.N. 050-2542		S.N. 050-2543	
70600352	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE,NARROW), TEST LEVEL 3	EACH	2	2	
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4416	2416	2000
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	552	302	250
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	6	4	2
78300202	PAVEMENT MARKING REMOVAL -WATER BLASTING	SQFT	139	76	63
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	6	4	2
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQYD	42	23	19
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	12	6	6
X7010101	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 (SPECIAL)	EACH	2	1	1
X7011801	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	LSUM	1		1
Z0030850	TEMPORARY INFORMATION SIGNING	SQFT	84	42	42

MODEL: D:\b\h\...
 FILE NAME: ...

USER NAME = ronak.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - yp	REVISED -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISED -

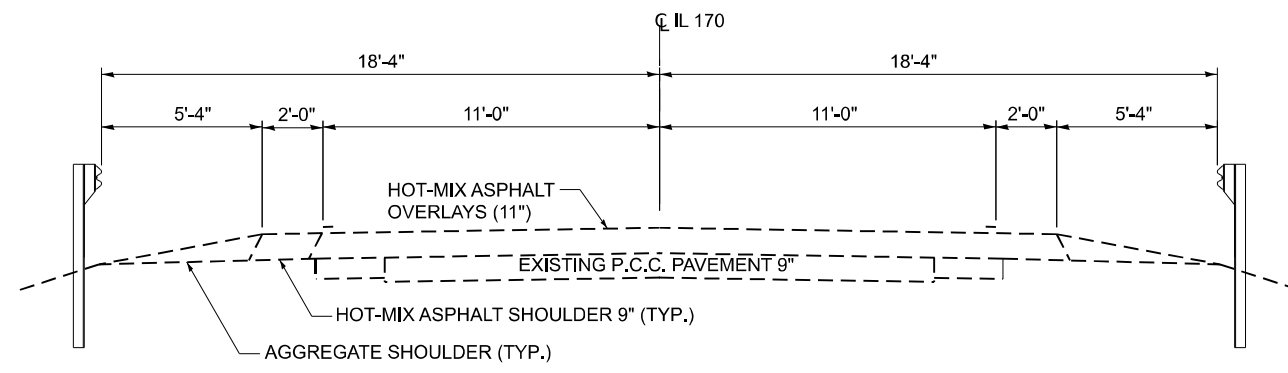
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

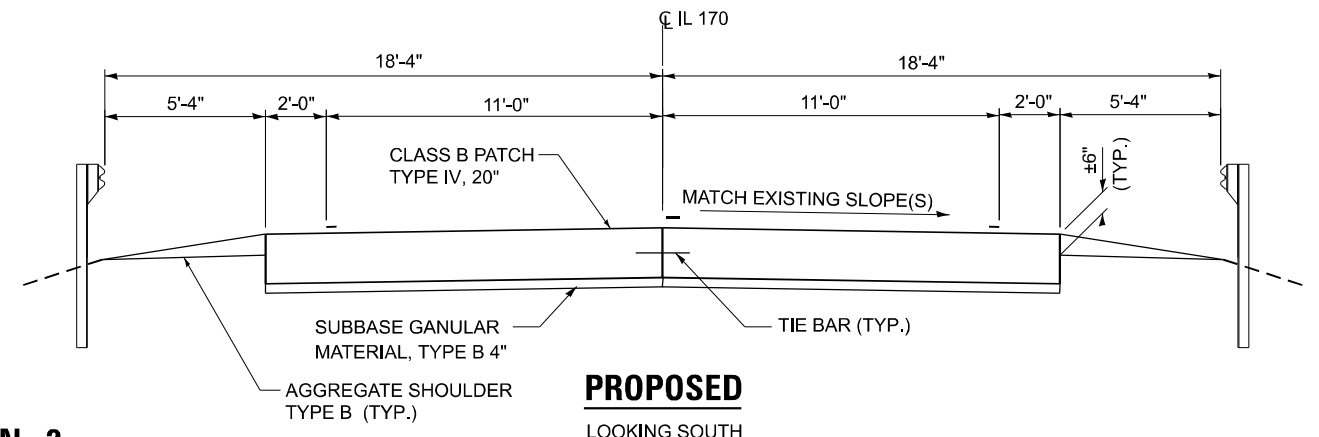
SCALE: 50 SHEET 3 OF 3 SHEETS! STA. TO STA.

FAP RTE. I	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
128	(111)CLV, CLV-1	LASALLE	2a	5
			CONTRACT NO. 68M76	
ILLINOIS FED. AID PROJECT				

MODEL: D:\h1a1\... FILE NAME: ... PROJECT: ...

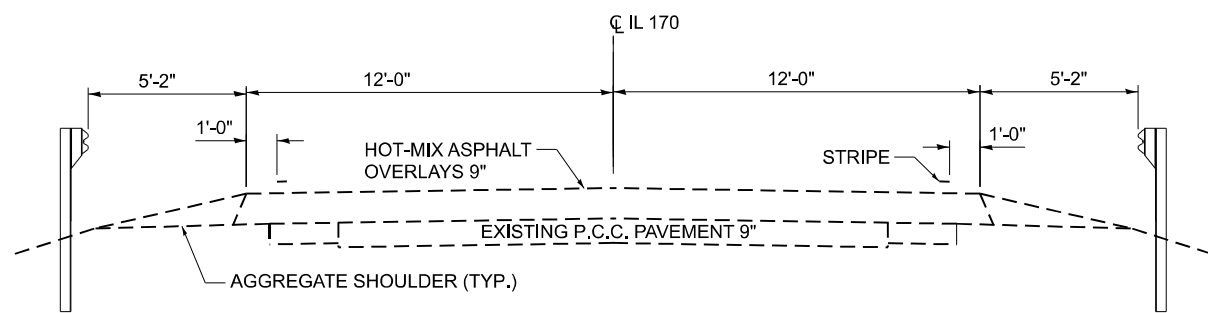


EXISTING
LOOKING SOUTH

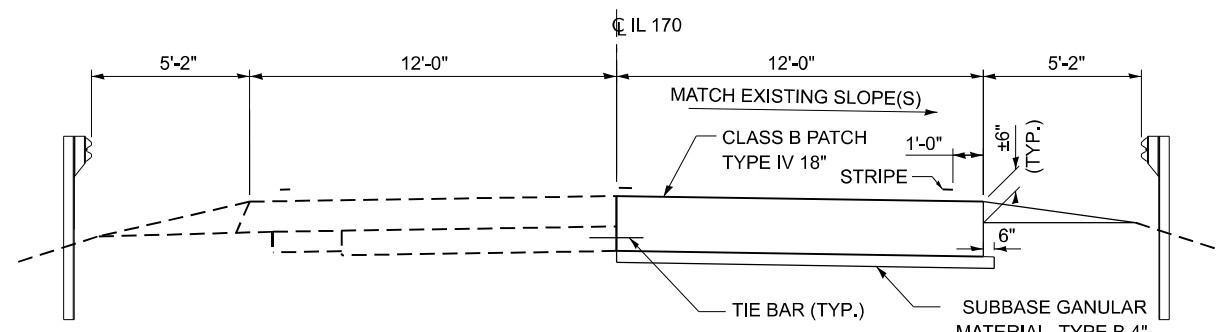


PROPOSED
LOOKING SOUTH

TYPICAL SECTION 2
STRUCTURE NO. 050-2542



EXISTING
LOOKING SOUTH



PROPOSED
LOOKING SOUTH

TYPICAL SECTION 3
STRUCTURE NO. 050-2543

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / 1" =	CHECKED - YP	REVISED -
PLOT DATE = 3/23/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION	
SCALE: 50	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 6
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				

SCHEDULE - PAVEMENT MARKING

LOCATION			PAVEMENT MARKING REMOVAL WATER-BLASTING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 6"
STATION	TO	STATION	SQ FT	FOOT	SQ FT	WHITE FOOT	YELLOW FOOT
768+58	TO	774+62	76	15	5	2416	302
TOTAL			76	15	5	2416	302

SCHEDULE - GUARDRAIL

LOCATION	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL TYPE A 9 FOOT POSTS	STRONG POST ATTACHED TO STRUCTURE	GUARDRAIL REFLECTORS TYPE 1 A	LINEAR DELINEATOR PANELS 4 INCH
STA.	FOOT	FOOT	FOOT	FOOT	EACH	EACH
STAGE I	215	2	137.5	12.5	2	2
STAGE II	215	2	137.5	12.5	2	2
TOTAL	430	4	275	25	4	4

SCHEDULE - TRAFFIC CONTROL

LOCATION	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	TRAFFIC CONTROL AND PROTECTION STANDARD 701321	TEMPORARY BRIDGE TRAFFIC SIGNALS	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPCT ATTENUATORS TEMPORARY (NON-REDIRECTIVE, NARROW) TEST LEVEL 3	IMPCT ATTENUATORS RELOCATE (NON-REDIRECTIVE, NARROW) TEST LEVEL 3
STA.	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH
STAGE I	0.5	1	0.5	300		2	
STAGE II	0.5		0.5		300		2
TOTAL	1	1	1	300	300	2	2

SCHEDULE - ROADWAY

LOCATION				PAVED SHOULDER REMOVAL	PATCH LENGTH	CLASS B TYPE IV 20"	DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"	SUBBASE GRANULAR MATERIAL TYPE B 4"	AGGREGATE SHOULDERS TYPE B
STATION	TO	STATION	LT/RT	SQ YD	(FT)	SQ YD	EACH	FOOT	SQ YD	EACH	SQ YD	TON
771+18	TO	771+84	LT	29	66	110	22	171	110	22	21	10
771+18	TO	771+84	RT	29	66	110	22	171	110		21	10
TOTAL				58	132	220	44	342	220	22	42	20

MODEL: D:\info\... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES
FOR STRUCTURE NO. 050-2542**

SCALE: 50 SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	7
CONTRACT NO. 66M76			ILLINOIS FED. AID PROJECT	

SCHEDULE - PAVEMENT MARKING

LOCATION			PAVEMENT MARKING REMOVAL WATER-BLASTING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	MODIFIED URETHANE PAVEMENT MARKING LINE 4"	MODIFIED URETHANE PAVEMENT MARKING LINE 6"
STATION	TO	STATION	SQ FT	FOOT	SQ FT	WHITE FOOT	YELLOW FOOT
780+70	TO	785+70	63	13	4	2000	250
TOTAL			63	13	4	2000	250

SCHEDULE - GUARDRAIL

LOCATION		GUARDRAIL REMOVAL	STRONG POST GUARDRAIL ATTACHED TO STRUCTURE	GUARDRAIL REFLECTORS TYPE 1 A	LINEAR DELINEATOR PANELS 4 INCH
STAGE	LT/RT	FOOT	FOOT	EACH	EACH
STAGE I	RT.	12.5	12.5	2	2
TOTAL		12.5	12.5	2	2

SCHEDULE - TRAFFIC CONTROL

LOCATION	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	TRAFFIC CONTROL AND PROTECTION STANDARD 701321	TRAFFIC CONTROL AND PROTECTION STANDARD BLR 22	TEMPORARY BRIDGE TRAFFIC SIGNALS	TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS TEMPORARY (NON-REDIRECTIVE, NARROW) TEST LEVEL 3
	EACH	EACH	L SUM	EACH	FOOT	EACH
STAGE I	1	1	1	1	200	2
TOTAL	1	1	1	1	200	2

SCHEDULE - ROADWAY

LOCATION				PATCH LENGTH	CLASS B TYPE IV 18"	DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"	SUBBASE GRANULAR MATERIAL TYPE B 4"	AGGREGATE SHOULDERS TYPE B
STATION	TO	STATION	LT/RT	(FT)	SQ YD	EACH	FOOT	SQ YD	EACH	SQ YD	TON
782+76	TO	783+16	RT	40	53	22	119	53	13	31	4
TOTAL				40	53	22	119	53	13	31	4

MODEL: D:\info\...
 FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISIONS -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES STRUCTURE NO. 050-2543			
SCALE: 50	SHEET 2	OF 2 SHEETS	STA. TO STA.

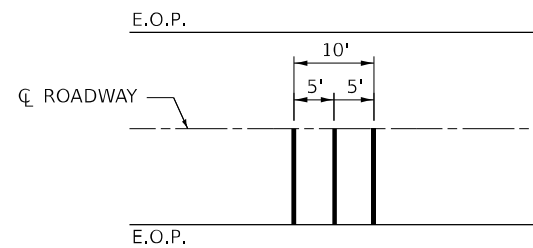
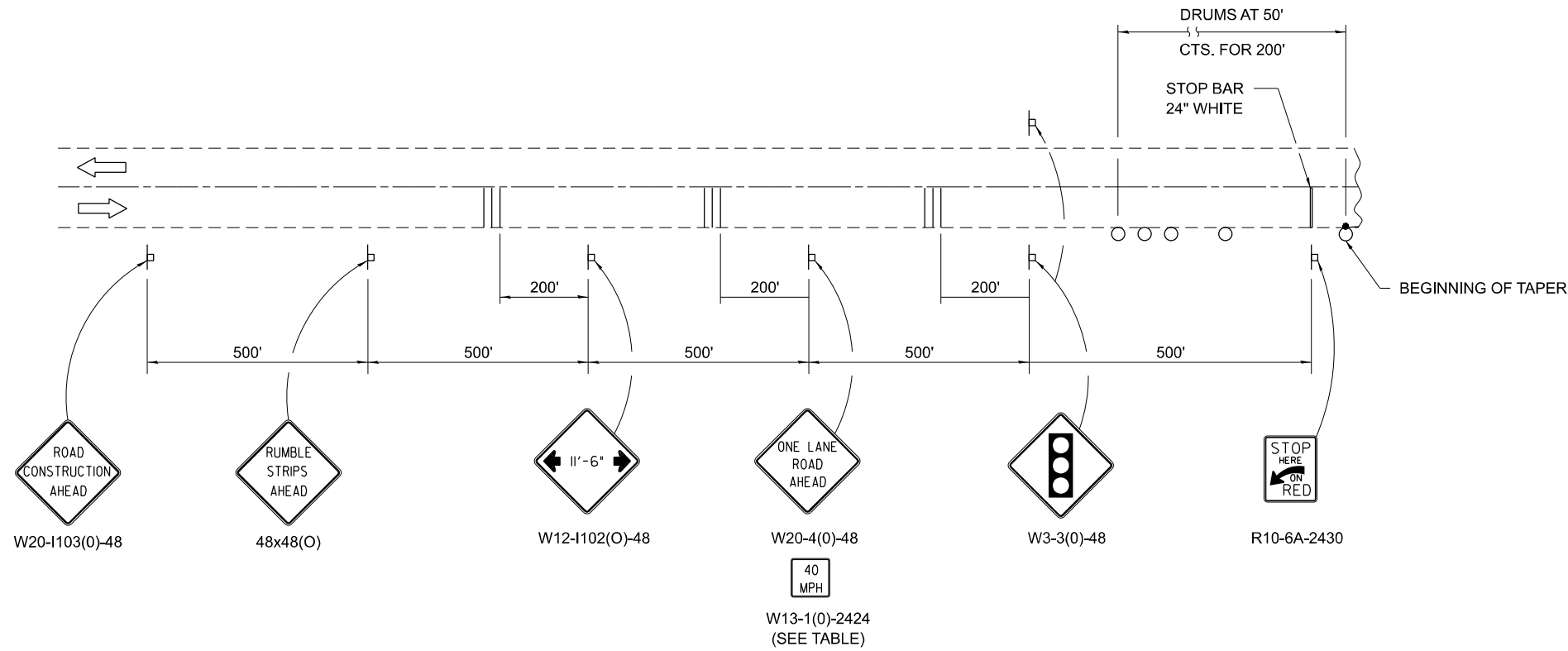
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	8
CONTRACT NO. 66M76			ILLINOIS FED. AID PROJECT	

TEMPORARY CONCRETE BARRIER	
NORMAL POSTED SPEED	TAPER RATIO
40 mph AND ABOVE	12:1
BELOW 40 mph	8:1

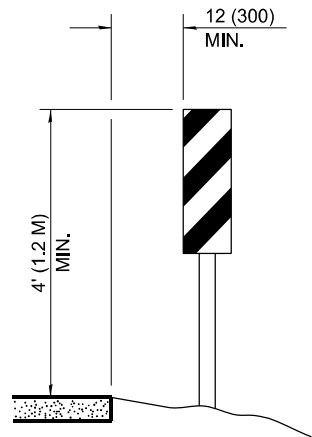
SYMBOLS

- SIGN
- TEMPORARY RUMBLE STRIP (SPECIAL)
- DRUM
- DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT

NOTE: WORK THIS SHEET WITH SHEETS 10 AND 11 OF 28

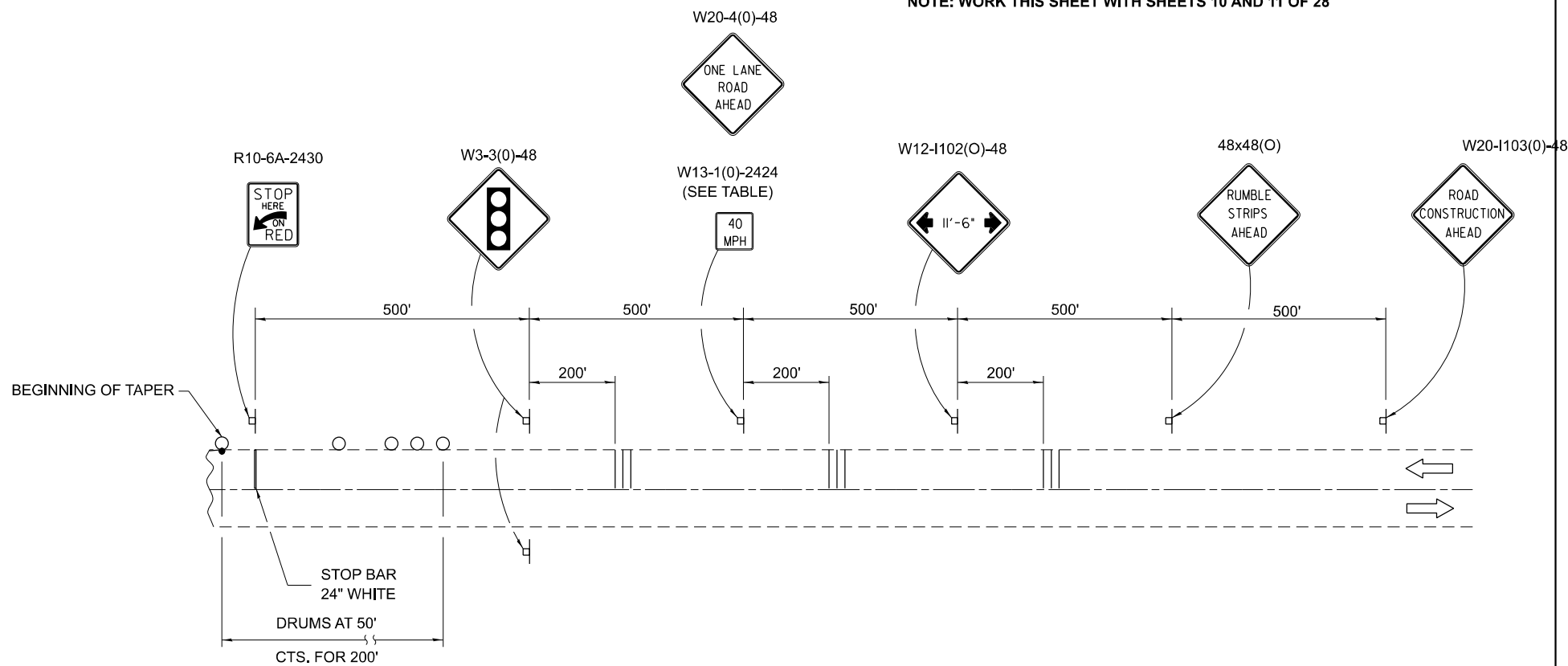


TEMPORARY RUMBLE STRIP (SPECIAL)
 FOR PAYMENT PURPOSES, EACH LANE OF TRAFFIC SHALL BE CONSIDERED "ONE EACH".



LEGEND

TEMPORARY RUMBLE STRIP (SPECIAL)



MODEL: D:\info\...
 FILE NAME: ...
 PROJECT: ...
 DATE: ...

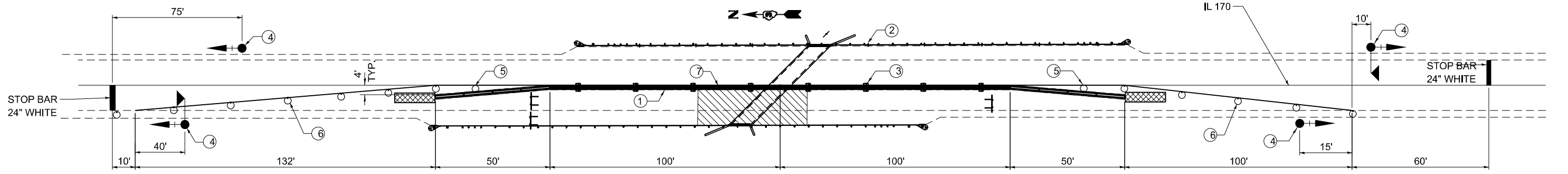
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	CHECKED - YP	REVISED -
PLOT SCALE = 100,000' / in.	DATE - 9/26/2022	REVISED -
PLOT DATE = 3/23/2023		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701321
 ADVANCED SIGNING**

SCALE: 50 SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 9
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				

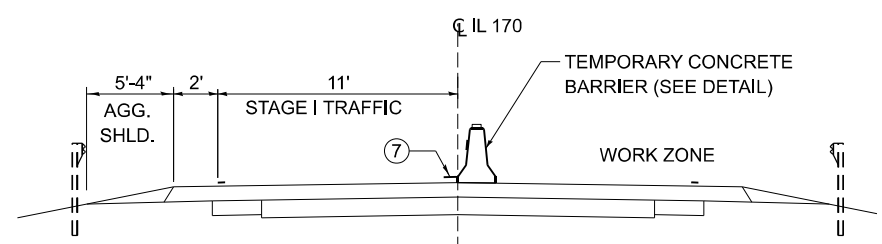


STAGE I

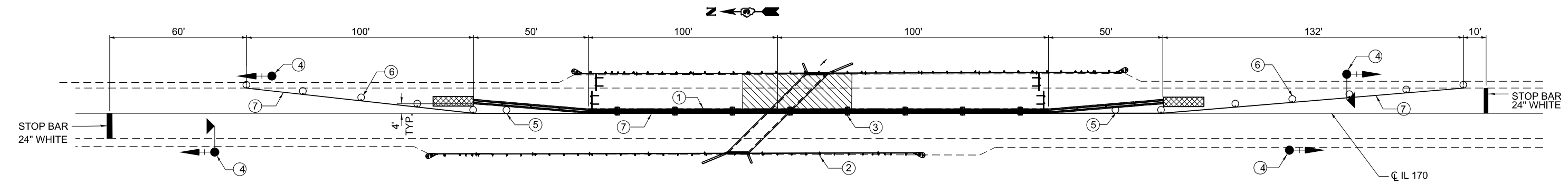
- ① TEMPORARY CONCRETE BARRIER WITH LINEAR DELINEATOR (SEE DETAIL)
- ② GUARDRAIL MARKERS, TYPE A AT 25' CTS.
- ③ BARRIER WALL MARKER, TYPE C AT 25' CTS.
- ④ THE EDGE OF THE POST MOUNTED SIGNAL HEAD SHALL BE BETWEEN 24" AND 6' FROM THE EDGE OF SHOULDER
- ⑤ TRAFFIC CONTROL DRUM
- ⑥ TRAFFIC CONTROL DRUM WITH STEADY BURNING LIGHT
- ⑦ TEMPORARY PAVEMENT MARKING

LEGEND

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- CRYSTAL, BIDIRECTIONAL GUARDRAIL REFLECTOR, TYPE A
- BIDIRECTIONAL CONCRETE BARRIER WALL REFLECTOR, TYPE C
- TRAFFIC SIGNAL WITH BACKPLATE
- TRAFFIC SIGNAL WITH BACKPLATE AND MOTION DETECTOR
- TEMPORARY IMPACT ATTENUATORS (NON-REDIRECTIVE, NARROW) TEST LEVEL 3



**CROSS SECTION
STAGE I
AT RT. 2's**



STAGE II

GENERAL NOTES

THIS STANDARD IS USED WHERE, AT ANY TIME, ANY VEHICLE, EQUIPMENT, WORKERS, OR THEIR ACTIVITIES WILL ENCROACH ON ONE LANE OF A BRIDGE, TRAFFIC SIGNALS AND A POSITIVE BARRIER ARE REQUIRED.

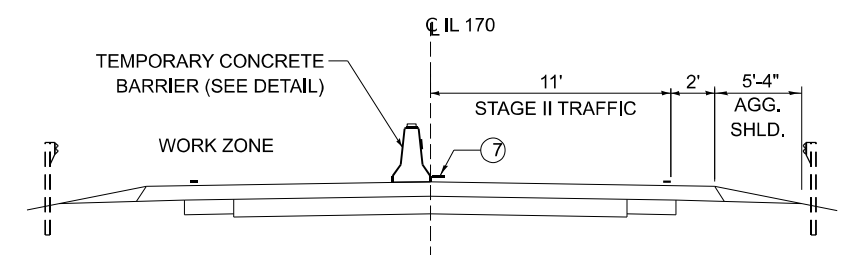
TRAFFIC SIGNALS SHALL BE OPERATIONAL ONLY WHEN ALL TRAFFIC CONTROLS ARE IN PLACE. WHEN TRAFFIC SIGNALS ARE NOT IN OPERATION, FLAGGERS SHALL BE USED AND TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701201 OR 701206.

TEMPORARY CONCRETE BARRIER SHALL BE ACORDING TO STANDARD 704001 AND THE DETAIL "LINEAR DELIEATOR PANELS FOR TEMPORARY CONCRETE BARRIER".

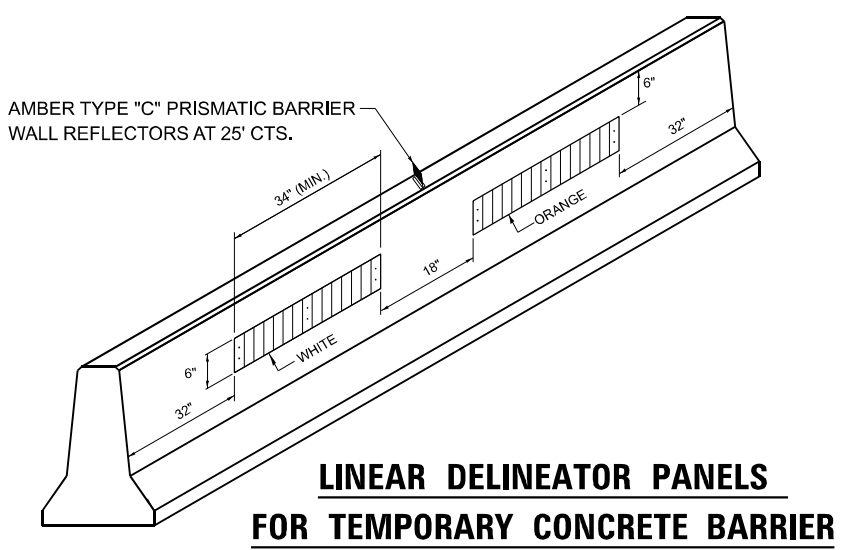
GUARDRAIL REFLECTORS TYPE, A AND TYPE C AS SHOWN ON THIS DETAIL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

EXISTING OR TEMPORARY PAVEMENT MARKINGS SHALL BE ON BOTH SIDES OF OPEN LANE FROM STOP BAR TO STOP BAR.

TEMPORARY PAVEMENT MARKING AS SHOWN ON THIS DETAIL, SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STANDARD.












**CROSS SECTION
STAGE II
AT RT. 2's**

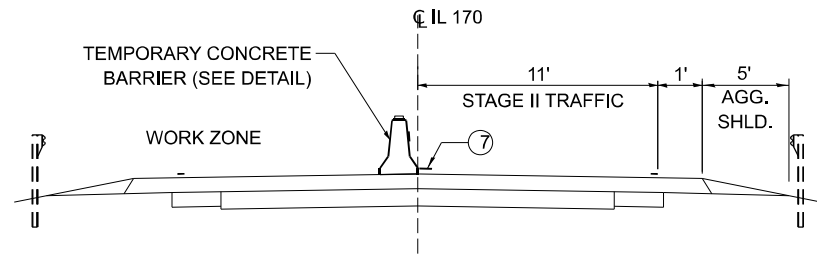


MODEL: D:\h... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 STRUCTURE NO. 050-2542		F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 10
PLOT SCALE = 100,000' / in.	DRAWN - RW	REVISED -				SCALE: 50	SHEET 2 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 66M76	
PLOT DATE = 3/23/2023	CHECKED - YP	REVISED -								
	DATE - 9/26/2022	REVISED -								

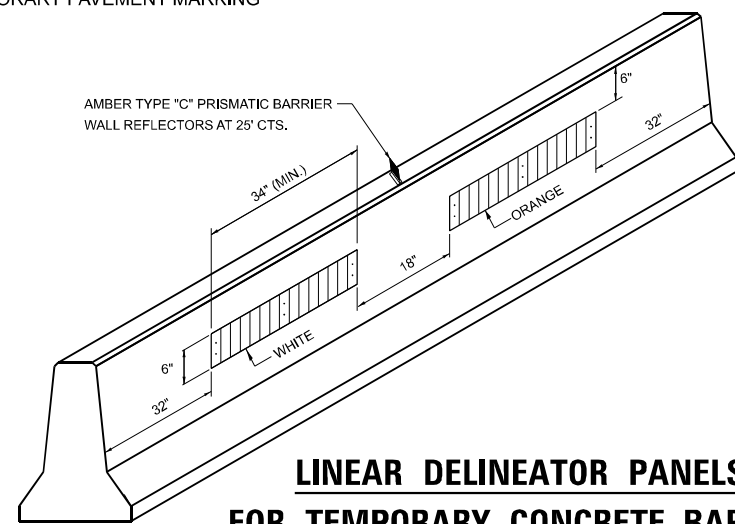
LEGEND

-  WORK AREA
-  SIGN
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  DOUBLE VERTICAL PANEL (SEE DETAIL)
-  CRYSTAL, BIDIRECTIONAL GUARDRAIL REFLECTOR, TYPE A
-  BIDIRECTIONAL CONCRETE BARRIER WALL REFLECTOR, TYPE C
-  TRAFFIC SIGNAL WITH BACKPLATE
-  TRAFFIC SIGNAL WITH BACKPLATE AND MOTION DETECTOR
-  TEMPORARY IMPACT ATTENUATORS (NON-REDIRECTIVE, NARROW) TEST LEVEL 3

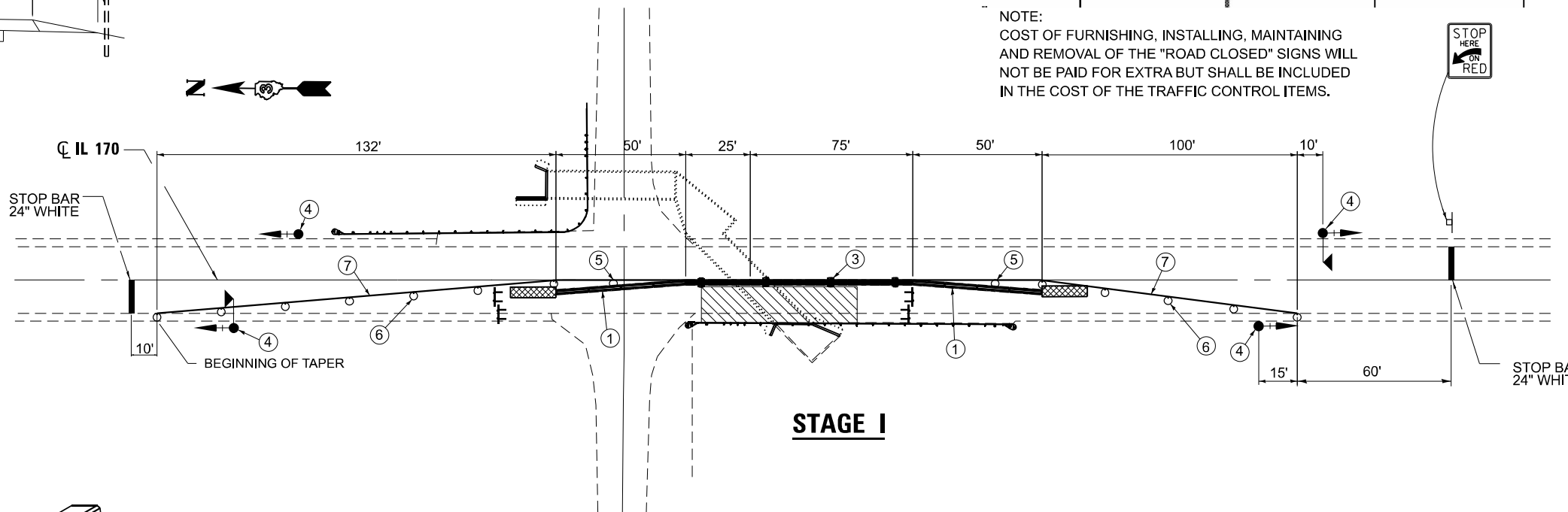


CROSS SECTION
STAGE II
AT RT. 2s

- ① TEMPORARY CONCRETE BARRIER WITH LINEAR DELINEATOR (SEE DETAIL)
- ② GUARDRAIL MARKERS, TYPE A AT 25' CTS.
- ③ BARRIER WALL MARKER, TYPE C AT 25' CTS.
- ④ THE EDGE OF THE POST MOUNTED SIGNAL HEAD SHALL BE BETWEEN 24" AND 6' FROM THE EDGE OF SHOULDER
- ⑤ TRAFFIC CONTROL DRUM
- ⑥ TRAFFIC CONTROL DRUM WITH STEADY BURNING LIGHT
- ⑦ TEMPORARY PAVEMENT MARKING

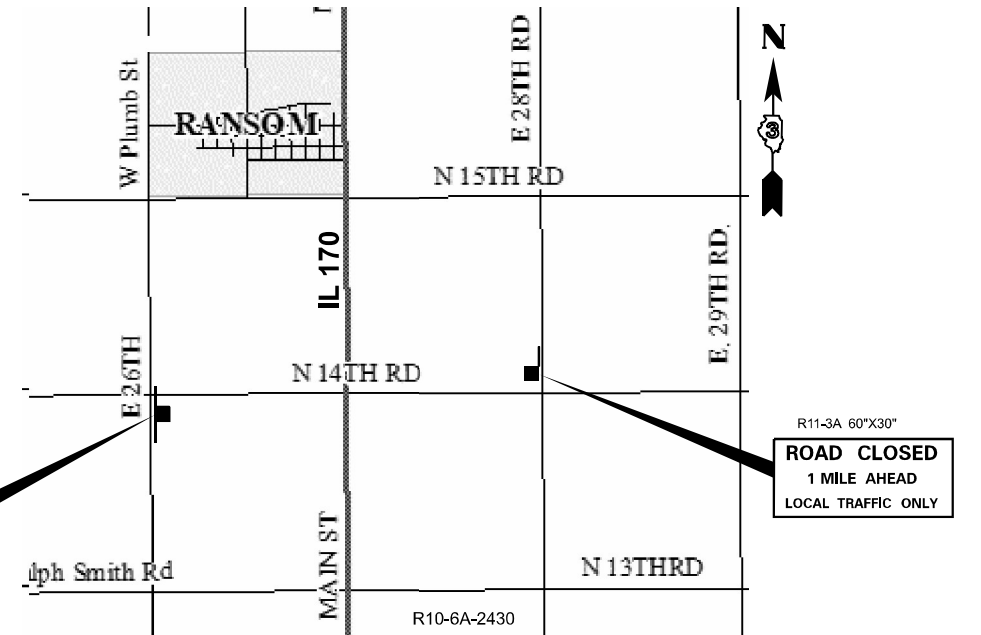


LINEAR DELINEATOR PANELS
FOR TEMPORARY CONCRETE BARRIER



STAGE I

NOTE:
COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVAL OF THE "ROAD CLOSED" SIGNS WILL NOT BE PAID FOR EXTRA BUT SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL ITEMS.



GENERAL NOTES

THIS STANDARD IS USED WHERE, AT ANY TIME, ANY VEHICLE, EQUIPMENT, WORKERS, OR THEIR ACTIVITIES WILL ENCR OACH ON ONE LANE OF A BRIDGE. TRAFFIC SIGNALS AND A POSITIVE BARRIER ARE REQUIRED.

TRAFFIC SIGNALS SHALL BE OPERATIONAL ONLY WHEN ALL TRAFFIC CONTROLS ARE IN PLACE. WHEN TRAFFIC SIGNALS ARE NOT IN OPERATION, FLAGGERS SHALL BE USED AND TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701201 OR 701206.

TEMPORARY CONCRETE BARRIER SHALL BE ACORDING TO STANDARD 704001 AND THE DETAIL "LINEAR DELIEATOR PANELS FOR TEMPORARY CONCRETE BARRIER".

SEE STANDARD B.L.R. 22-7 FOR ROAD CLOSURE DETAILS ON N 14TH RD.

GUARDRAIL REFLECTORS TYPE, A AND TYPE C AS SHOWN ON THIS DETAIL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

EXISTING OR TEMPORARY PAVEMENT MARKINGS SHALL BE ON BOTH SIDES OF OPEN LANE FROM STOP BAR TO STOP BAR.

TEMPORARY PAVEMENT MARKING AS SHOWN ON THIS DETAIL, SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STANDARD.

MODEL: D:\h... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISIONS -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISIONS -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISIONS -

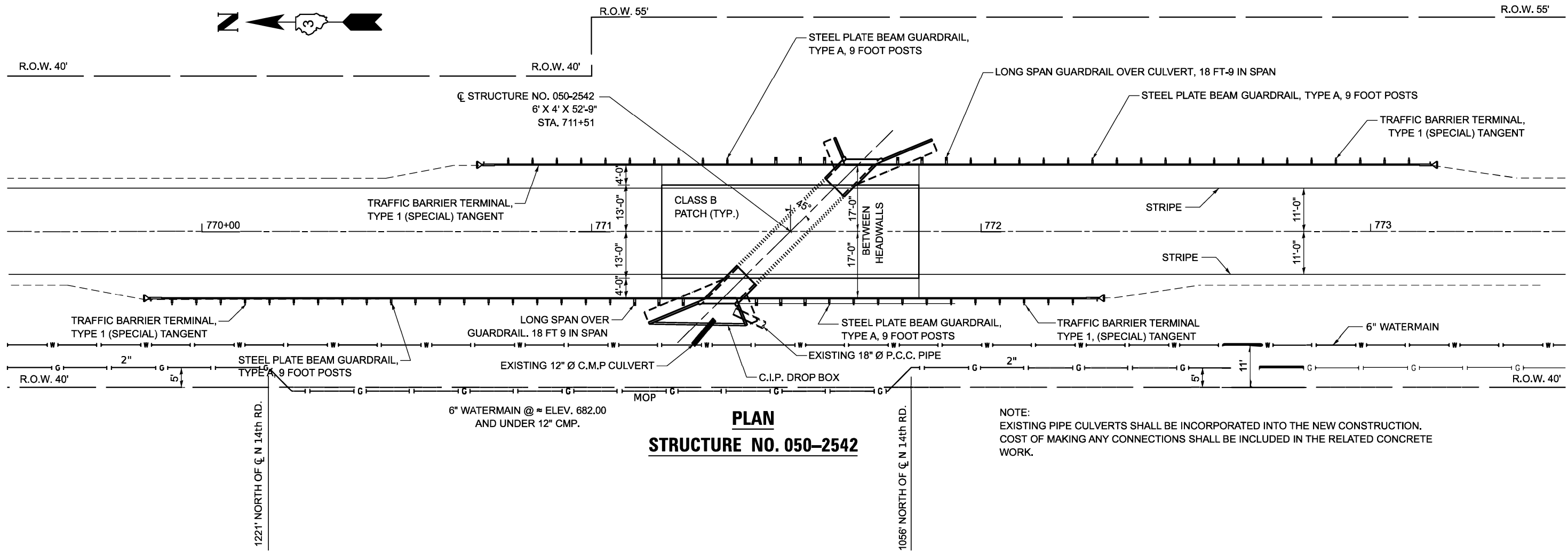
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION
STANDARD 701321 (SPECIAL) FOR STRUCTURE NO. 050-2543

SCALE: 50 SHEET 3 OF 3 SHEETS STA. TO STA.

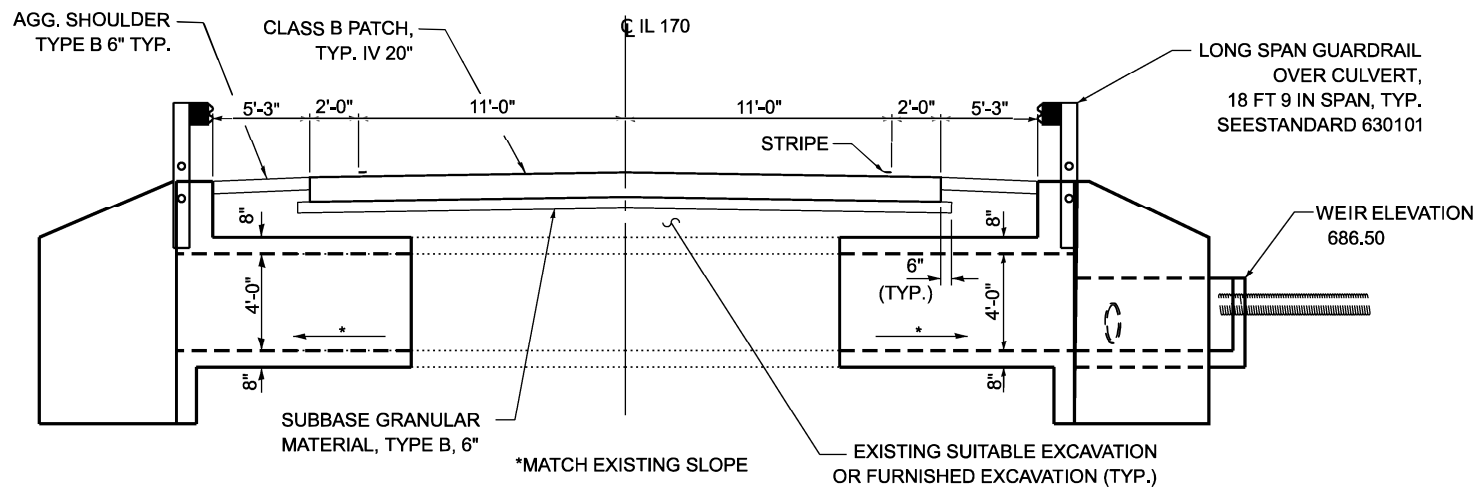
F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 11
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				

B.M. #1 HEAD OF 60D NAIL IN SOUTH SIDE OF POWER POLE AT WEST OF BOX CULVERT. ELEVATION 690.78



PLAN
STRUCTURE NO. 050-2542

NOTE:
EXISTING PIPE CULVERTS SHALL BE INCORPORATED INTO THE NEW CONSTRUCTION.
COST OF MAKING ANY CONNECTIONS SHALL BE INCLUDED IN THE RELATED CONCRETE WORK.

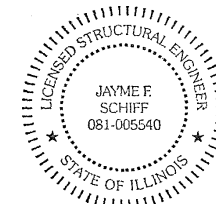


CROSS SECTION
STRUCTURE NO. 050-2542

AT RT. ANGLES TO C ROADWAY
LOOKING SOUTH

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
FURNISHED EXCAVATION	CU YD	26
GRANULAR BACKFILL FOR STRUCTUES	CU YD	32
CONCRETE REMOVAL	CU YD	30
CONCRETE BOX CULVERTS	CU YD	36
REINFORCEMENT BARS EPOXY COATED	POUND	6770
MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	23
MECHANICAL SPLICERS	EACH	56
EXPANSION BOLTS 3/4 INCH X 12 INCH	EACH	25
TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1470



EXPIRES 11.30.2024

Jayme F. Schiff

MODEL: Default; FILE NAME: p:\projects\per_bentley.com\PROJECTS\Documents\DOT Office\District 3\ORD Project\05052542\CADD\Drawings\05052542\05052542.COVER.dgn

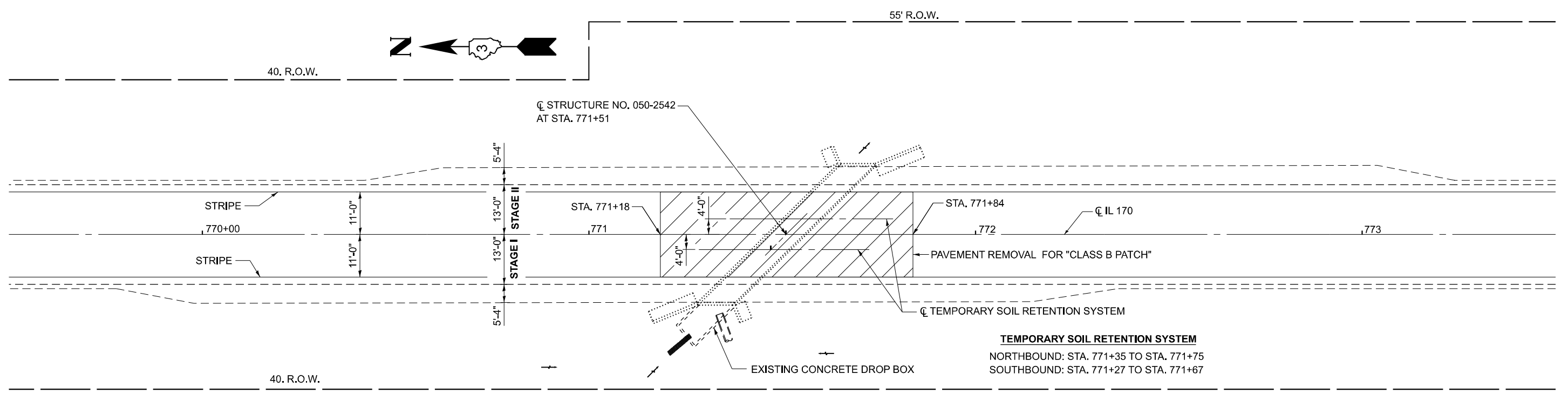
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/23/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 050-2542

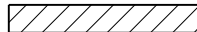
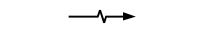

SCALE: 50 SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	12
			CONTRACT NO. 66M76	
			ILLINOIS FED. AID PROJECT	

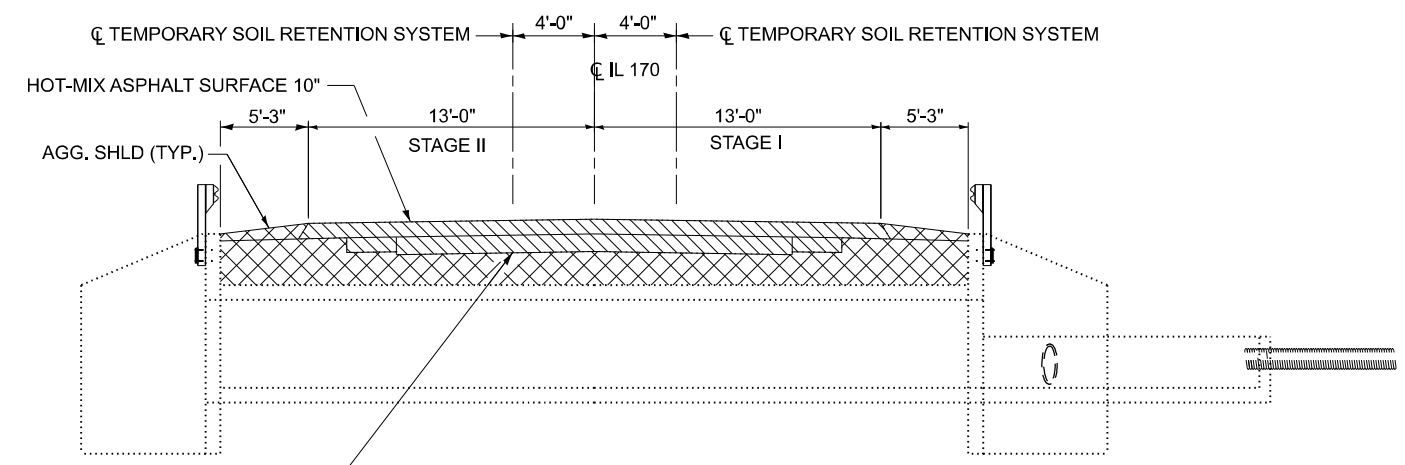


PLAN
STAGE REMOVAL - ROADWAY

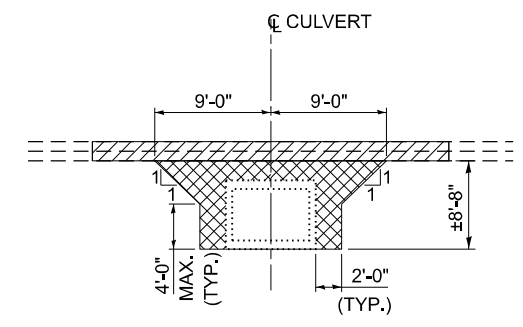
LEGEND

-  PAVEMENT REMOVAL FOR CLASS B PATCH
-  FLOW
-  EXCAVATION

NOTE:
EXISTING PIPE CULVERTS SHALL BE INCORPORATED INTO THE NEW CONSTRUCTION. COST OF MAKING ANY CONNECTIONS SHALL BE INCLUDED IN THE RELATED CONCRETE WORK.



ELEVATION
AT RT. ∠'s TO CL ROADWAY
LOOKING SOUTH



SECTION THROUGH BARREL
SHOWING EXCAVATION
DIMENSIONS TAKEN AT RT. ∠'s TO CL CULVERT

NOTE: COST OF ANY EXCAVATION FOR THE REMOVAL OF THE STRUCTURE SHALL BE ACCORDING TO ARTICLE 501.06 OF THE STANDARD SPECIFICATIONS.

MODEL: D:\info\... FILE NAME: ...

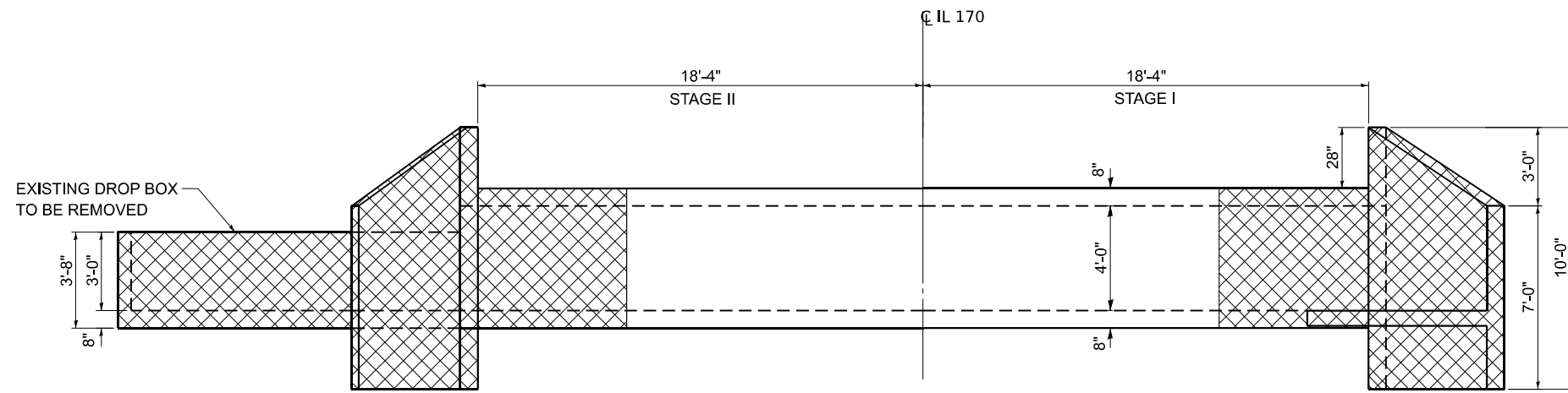
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISIONS -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/23/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY REMOVAL DETAILS
FOR STRUCTURE 050-2542

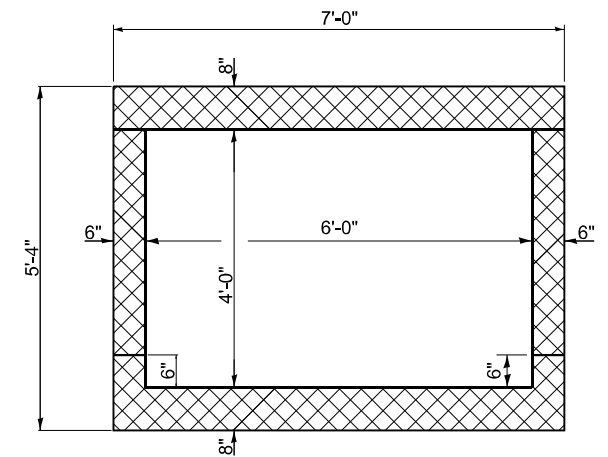
SCALE: 50 SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 13
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				



ELEVATION

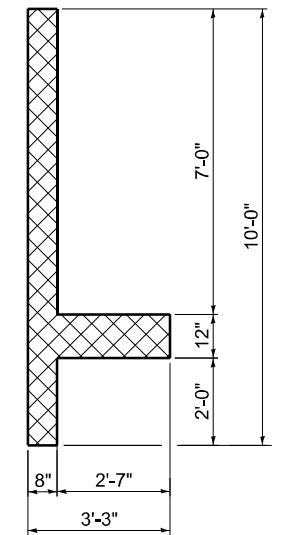
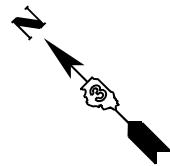
AT RT. Δ 's TO \bar{C} ROADWAY



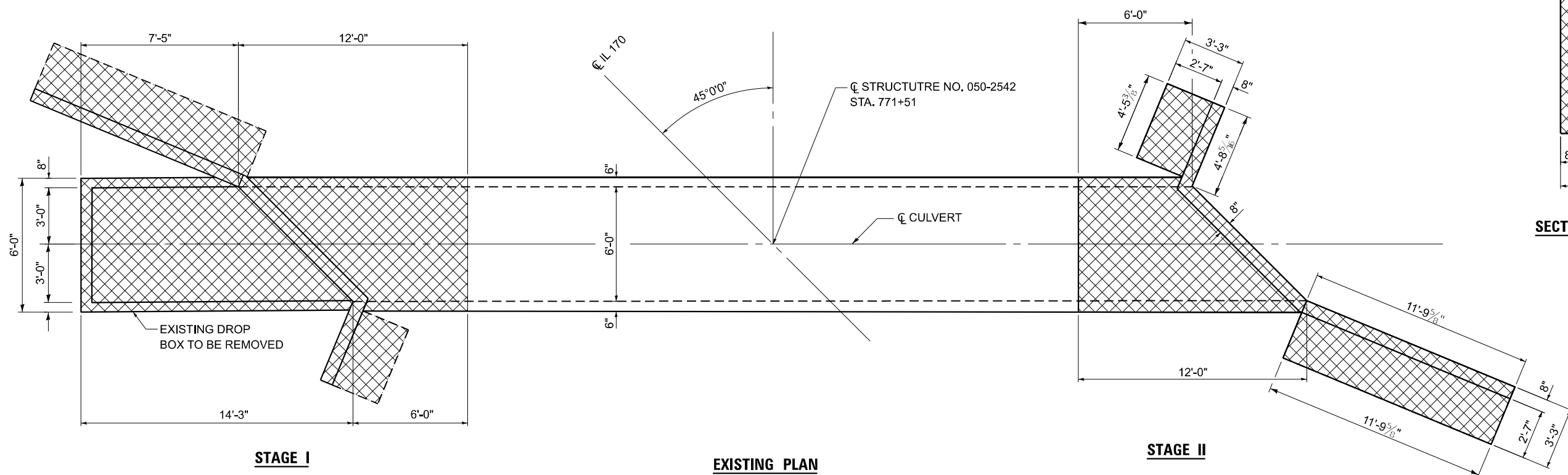
SECTION THROUGH BARREL

NOTES:

1. COST OF EXCAVATION(S) REQUIRED FOR THE REMOVAL OF THE EXISTING STRUCTURE AND CONSTRUCTION OF THE PROPOSED STRUCTURE SHALL BE ACCORDING TO ARTICLE 501.06 OF THE STANDRD SPECIFICATIONS.
2. EXISTING REINFORCEMENT BAR(S) EXTENDING INTO THE REMOVAL AREA SHALL BE CUT OFF A MINIMUM OF 6" FROM FACE OF CONCRETE, CLEANED AND STRAIGHTENED FOR THE INSTALLATION OF MECHANICAL SPLICERS.



SECTION THROUGH WING



**EXISTING PLAN
STRUCTURE NO. 050-2542
STAGE REMOVAL - ROADWAY**

MODEL: D:\msh\...
FILE NAME: ...

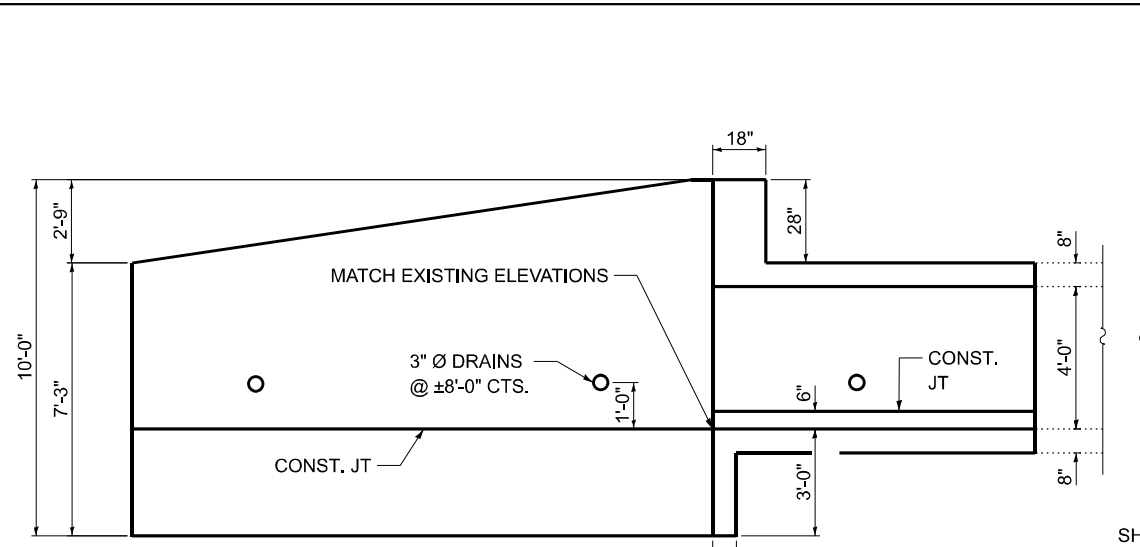
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 50,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 5/1/2023	DATE - 9/26/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

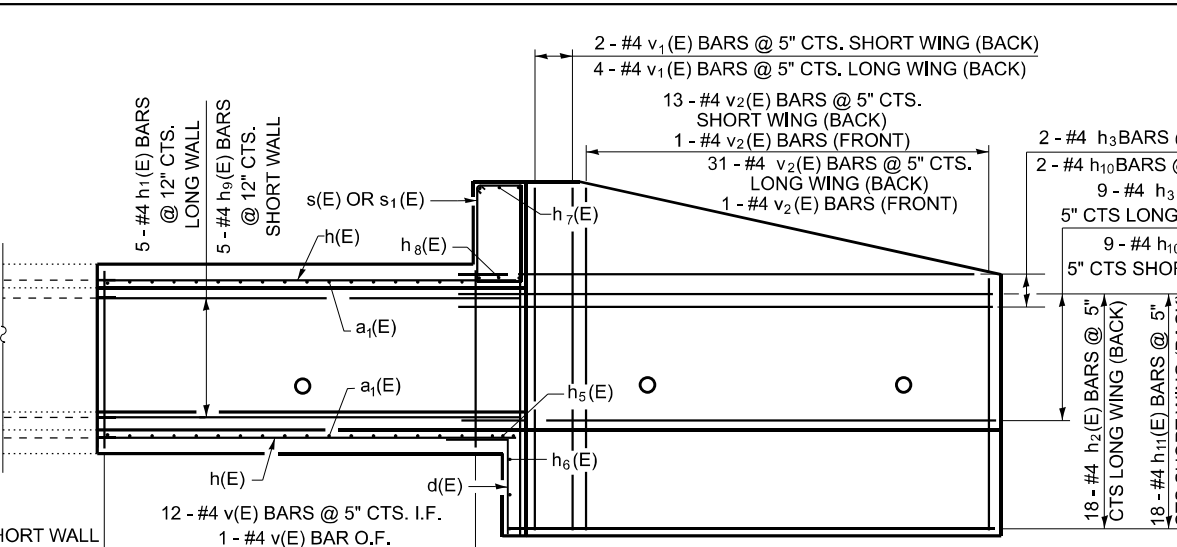
**CONCRETE REMOVAL DETAILS
FOR STRUCTURE 050-2542**

SCALE: 50 SHEET 3 OF 7 SHEETS STA. TO STA.

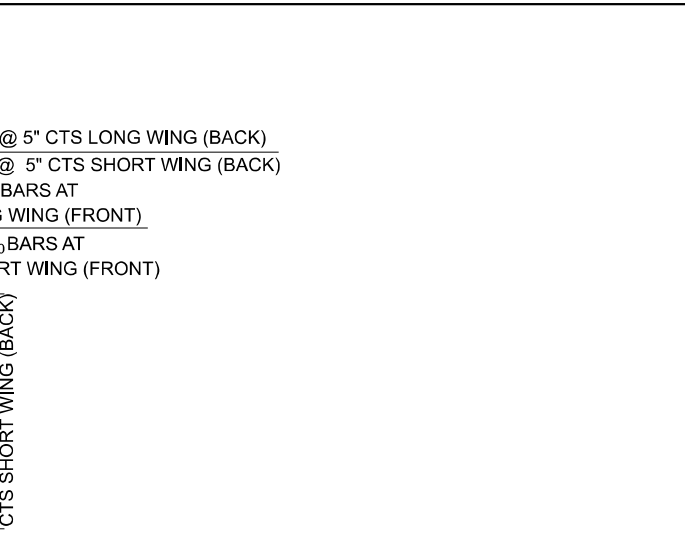
F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 14
			CONTRACT NO. 66M76	
ILLINOIS FED. AID PROJECT				



SHOWING DIMENSIONS



ELEVATION



SHOWING REINFORCEMENT

NOTES:
 BARS INDICATED THUS 12 X 4 - #5 ETC. INDICATES 12 LINES OF BARS WITH 4 LENGTHS PER LINE.

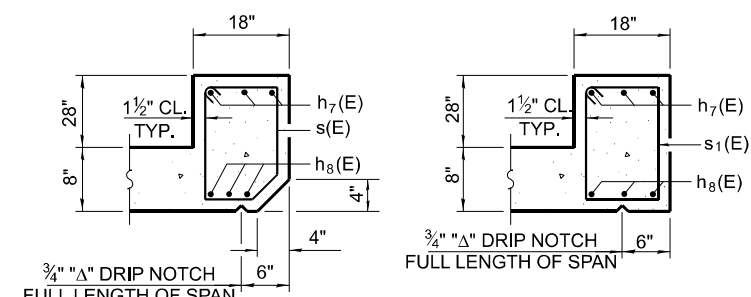
UNLESS OTHERWISE NOTED, A 2" MIN. COVER SHALL B PROVIDED BETWEEN REINFORCEMENT AND CONCRETE SURFACE.

"a₁(E)" BARS IN SKEW PORTION OF SLAB SHALL BE ORDERED FULL LENGTH & CUT TO FIT SKEW. REMAINDER OF BAR SHALL BE LAPPED WITH ORIGINAL BAR TO PROVIDE HOOK ON BOTH ENDS OF BAR.

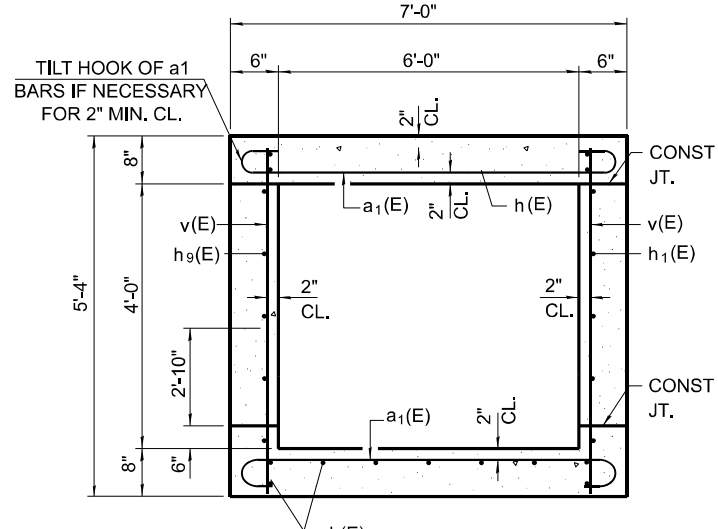
"h(E), v₁(E) w(E) AND w (E)" BARS SHALL BE ORDERED FULL LENGTH & CUT TO FIT SKEW. SEE FIELD CUTTING DIAGRAM.

"h(E)" BARS IN BOTTOM OF TOP SLAB AND TOP OF BOTTOM SLAB SHALL BE USED WITH MECHANICAL SPLICERS.

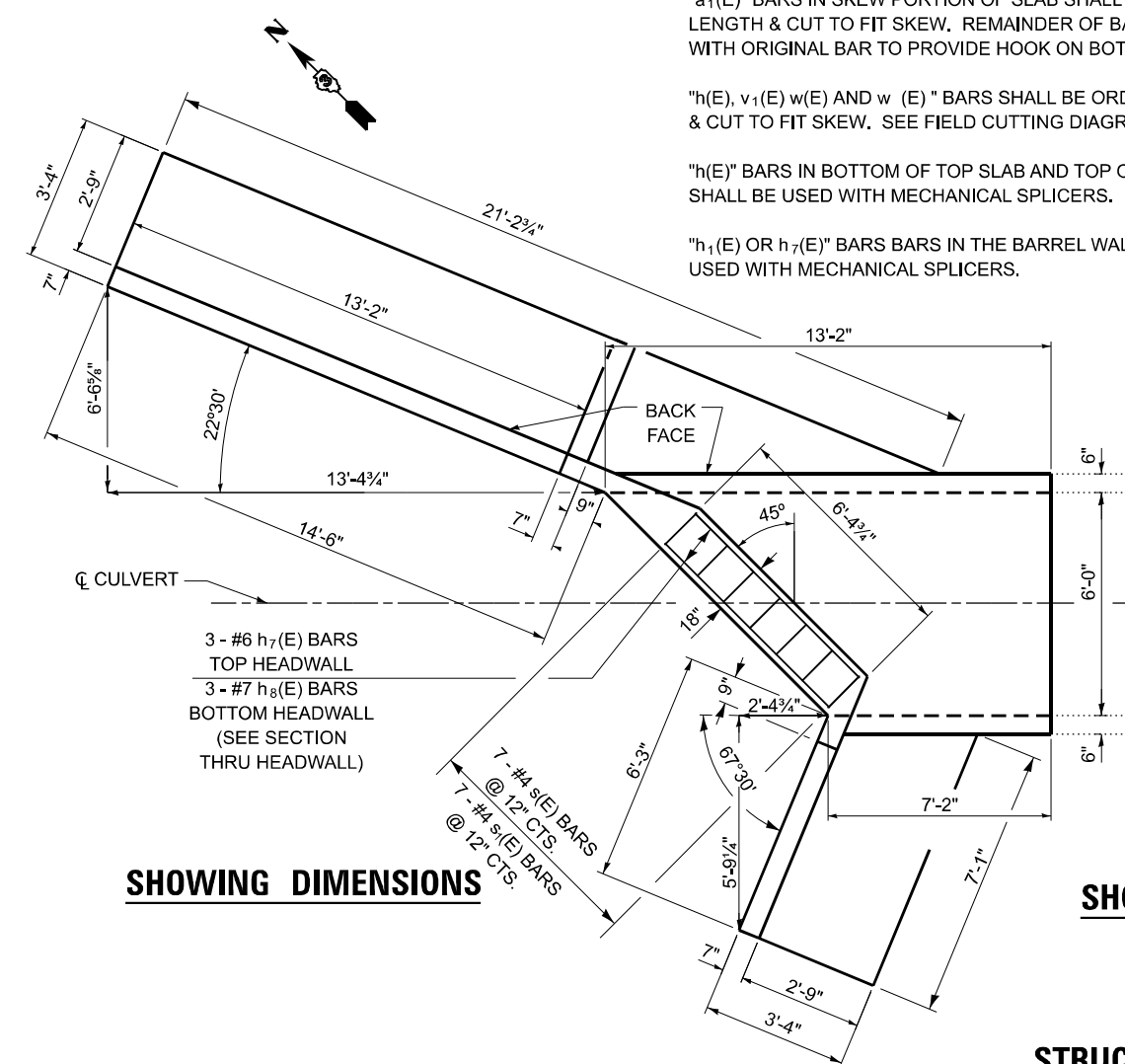
"h₁(E) OR h₇(E)" BARS BARS IN THE BARREL WALLS SHALL BE USED WITH MECHANICAL SPLICERS.



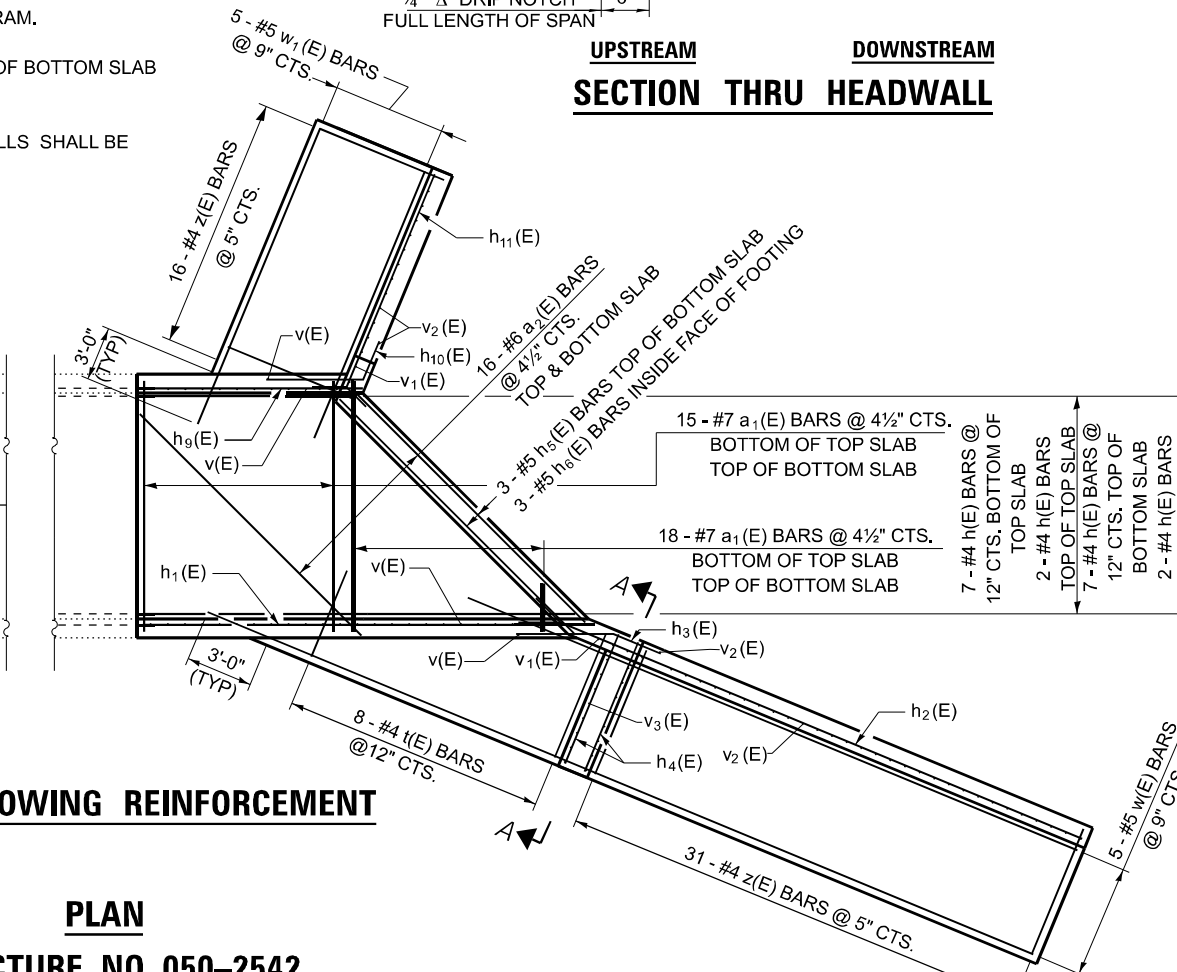
SECTION THRU HEADWALL



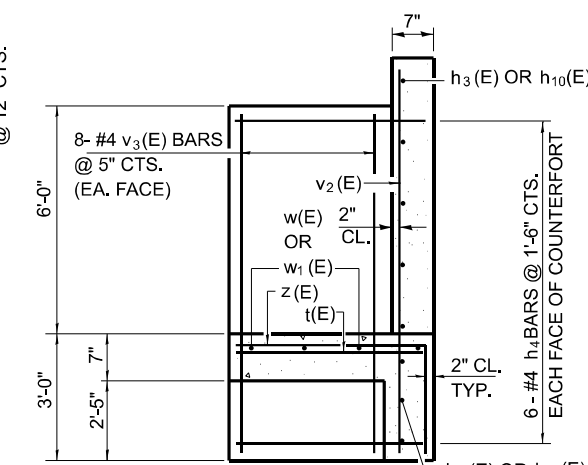
SECTION THRU BARREL



SHOWING DIMENSIONS



SHOWING REINFORCEMENT



SECTION A-A

SHOWING LONG WING WITH COUNTERFORT. OMIT COUNTERFORT AT SHORT WING.

PLAN
STRUCTURE NO. 050-2542

MODEL: D:\info\...
 FILE NAME: ...
 PROJECT: ...
 DATE: 3/24/2023

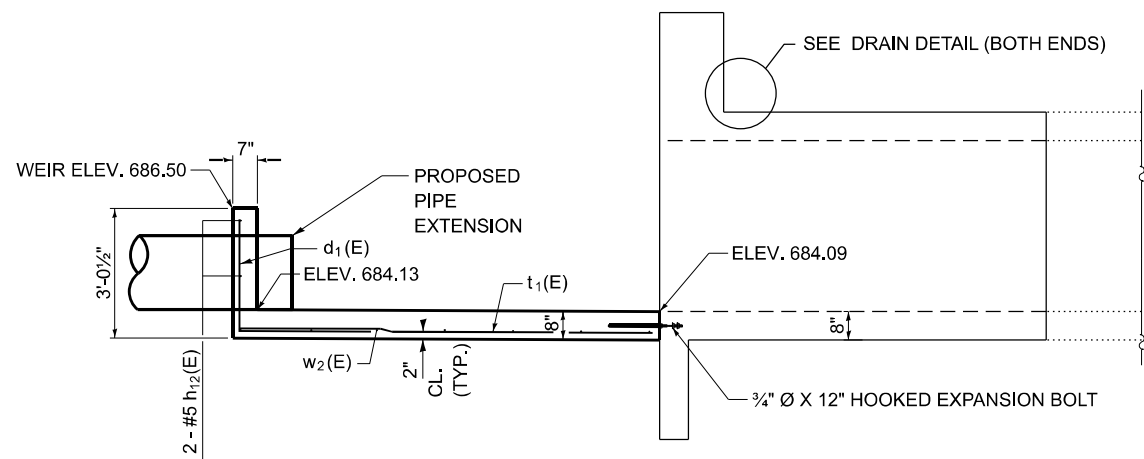
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISIONS -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISIONS -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE BOX CULVERT DETAILS
STRUCTURE NO. 050-2542

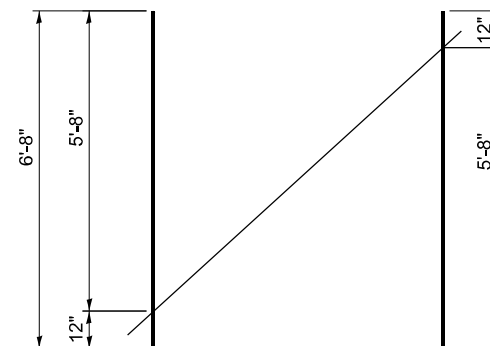
SCALE: 50 SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 15
CONTRACT NO. 66M76			ILLINOIS FED. AID PROJECT	

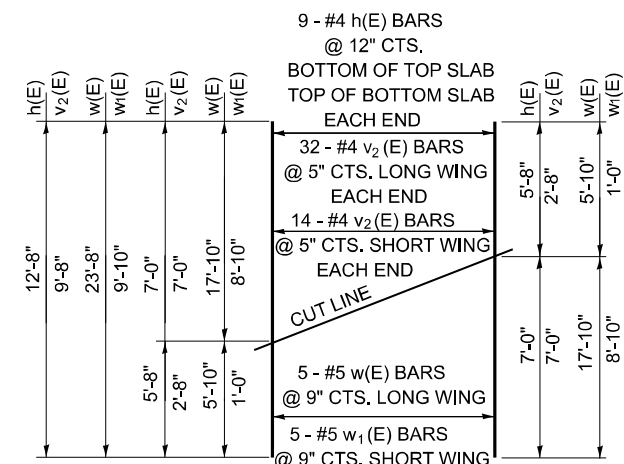


ORDER $w_2(E)$ BARS FULL LENGTH AND CUT TO FIT.

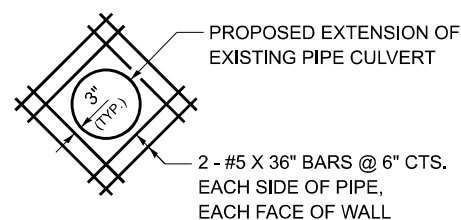
ELEVATION
UPSTREAM DROP BOX
ALONG ϕ CULVERT



FIELD CUTTING DIAGRAM
FOR a1(E) BAR



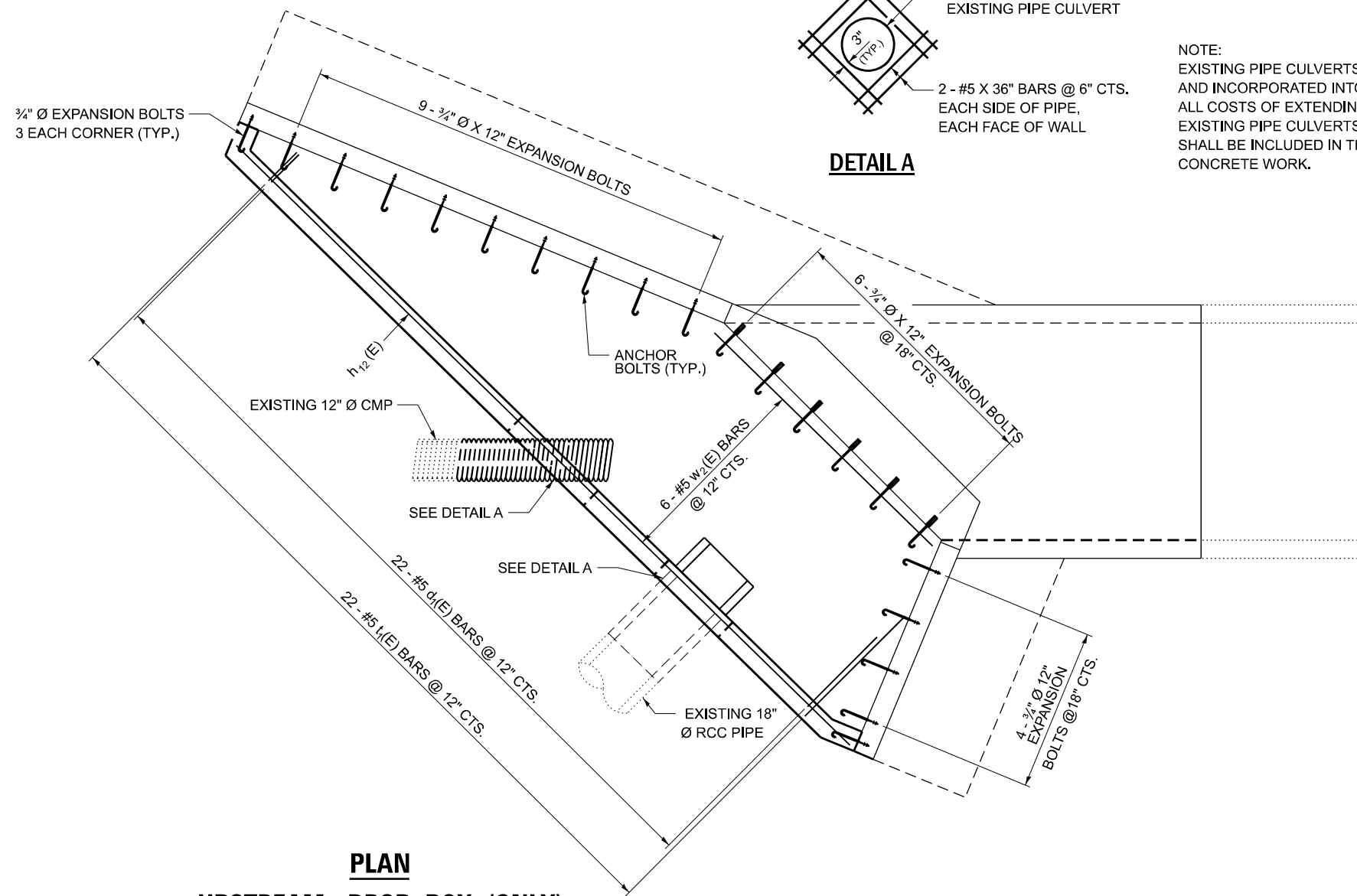
FIELD CUTTING DIAGRAM
ORDER BARS SHOWN FULL LENGTH. CUT AS SHOWN.



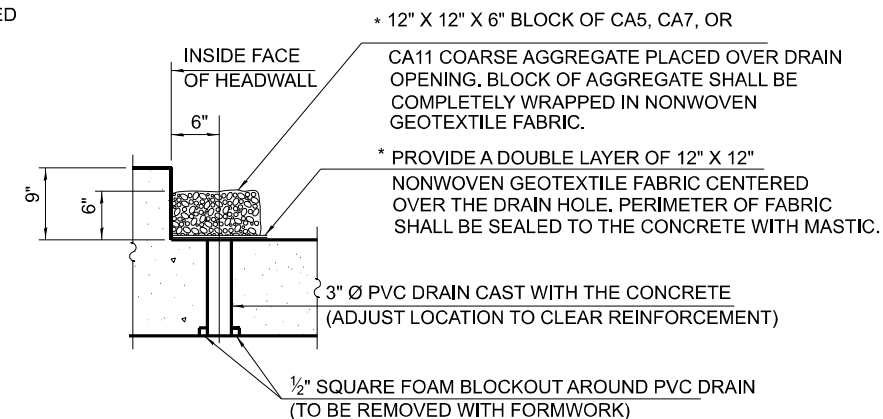
DETAIL A

NOTE:
EXISTING PIPE CULVERTS SHALL BE EXTENDED AND INCORPORATED INTO THE NEW CONSTRUCTION. ALL COSTS OF EXTENDING AND INCORPORATING THE EXISTING PIPE CULVERTS INTO THE NEW CONSTRUCTION SHALL BE INCLUDED IN THE COST OF THE RELATED CONCRETE WORK.

NONWOVEN GEOTEXTILE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1080.01 OF THE STANDARD SPECIFICATIONS. THE MINIMUM WEIGHT OF THE FABRIC SHALL BE 6 OUNCES PER SQUARE YARD.



PLAN
UPSTREAM DROP BOX (ONLY)



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.)

NOTES:
DROP BOX CONCRETE WILL BE PAID FOR AS "CONCRETE BOX CULVERT"

EXPANSION BOLTS SHALL BE DRILLED AND GROUTED INTO THE NEW FOOTING ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS

EXPANSION BOLTS SHALL BE INSTALLED IN THE FORMS PRIOR TO POURING THE CONCRETE FOR THE NEW WING WALLS.

$t_1(E)$ AND $w_3(E)$ BARS SHALL BE ORDERED FULL LENGTH AND CUT TO FIT IN FIELD.

MODEL: D:\info\... FILE NAME: ...

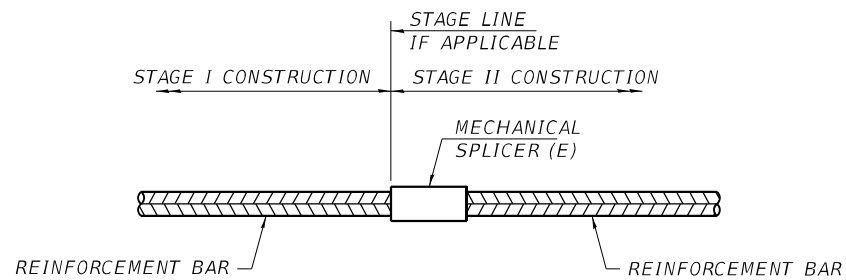
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 4/28/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DROP BOX DETAILS
STRUCTURE NO. 050-2542

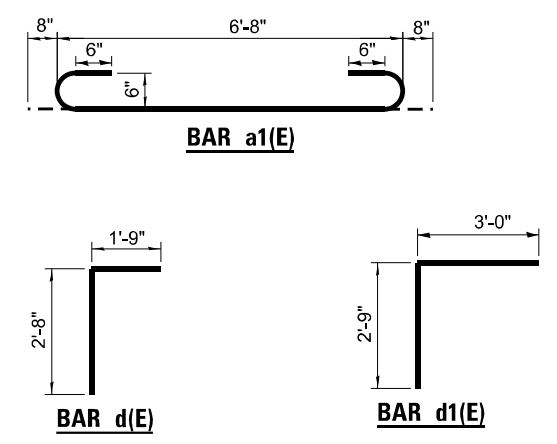
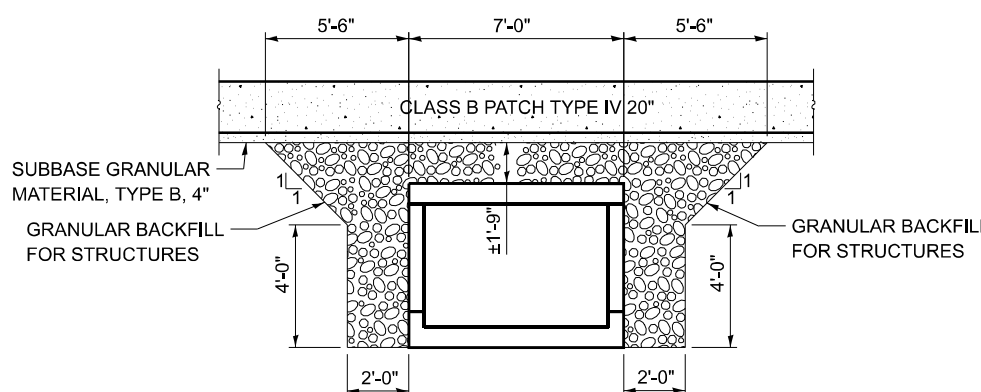
SCALE: 50 SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	16
CONTRACT NO. 66M76			ILLINOIS FED. AID PROJECT	

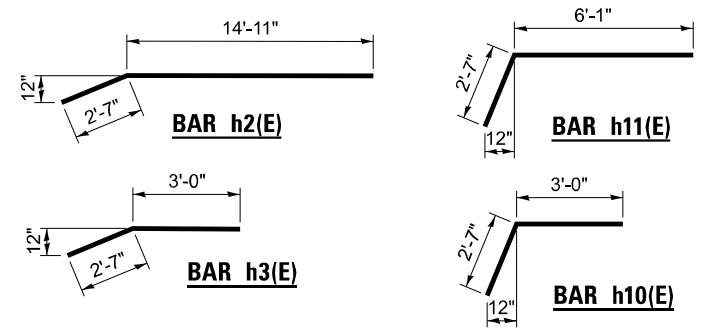


STANDARD MECHANICAL SPLICER

LOCATION	BAR SPLICED	BAR SIZE	NO. ASSEMBLIES REQUIRED
WEST END			
TOP SLAB	h(E)	#4	9
BOTTOM SLAB	h(E)	#4	9
LONG SIDE WALL	h ₁ (E)	#4	5
SHORT SIDE WALL	h ₇ (E)	#4	5
EAST END			
TOP SLAB	h(E)	#4	9
BOTTOM SLAB	h(E)	#4	9
LONG SIDE WALL	h ₁ (E)	#4	5
SHORT SIDE WALL	h ₇ (E)	#4	5
TOTAL			56



MECHANICAL SPLICERS

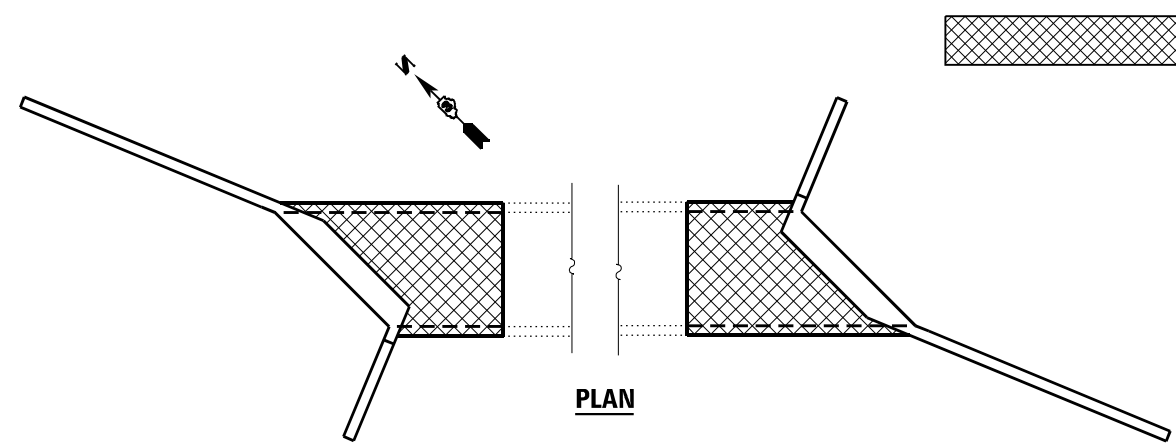


BILL OF MATERIAL BOTH ENDS

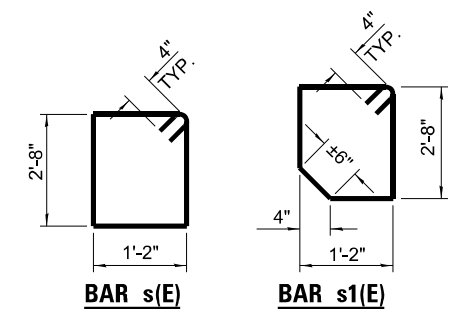
BAR	NO.	SIZE	LENGTH	SHAPE
a1(E)	136	#6	9'-0"	U
a2(E)	64	#6	9'-6"	
d(E)	14	#5	4'-5"	L
d1(E)	22	#5	5'-9"	L
h(E)	36	#4	12'-8"	
h1(E)	10	#4	13'-0"	
h2(E)	36	#4	17'-6"	
h3(E)	22	#4	5'-7"	
h4(E)	24	#4	3'-1"	
h5(E)	6	#5	9'-6"	
h6(E)	6	#5	8'-5"	
h7(E)	6	#6	6'-4"	
h8(E)	6	#7	6'-4"	
h9(E)	22	#4	6'-11"	
h10(E)	6	#6	5'-7"	
h11(E)	6	#7	8'-8"	
h12(E)	2	#5	23'-8"	
s(E)	14	#4	8'-4"	U
s1(E)	14	#4	8'-2"	U
t(E)	16	#4	3'-1"	
t1(E)	22	#5	6'-0"	
v(E)	76	#4	5'-1"	
v1(E)	12	#4	9'-9"	
v2(E)	92	#4	9'-8"	
w(E)	10	#5	24'-10"	
w1(E)	10	#5	10'-1"	
w2(E)	6	#5	23'-8"	
z(E)	94	#4	5'-9"	L
CONCRETE REMOVAL			CU. YD.	30
CONCRETE BOX CULVERTS			CU. YD.	36
REINFORCEMENT BARS, EPOXY COATED			POUND	6770
EXPANSION BOLTS 3/4 INCH X 12 INCH			EACH	25
WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES			SQ YD	23

(E) DENOTES EPOXY COATED BARS

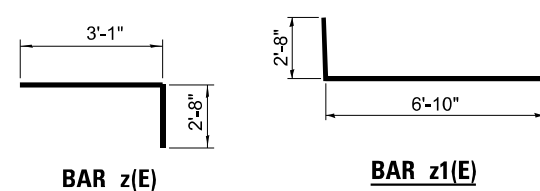
WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES



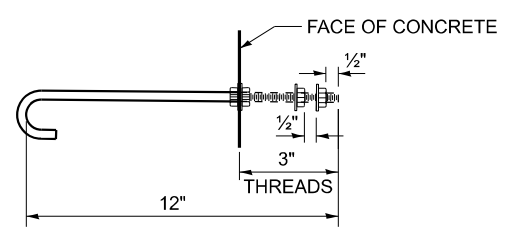
PLAN



BAR s(E) BAR s1(E)

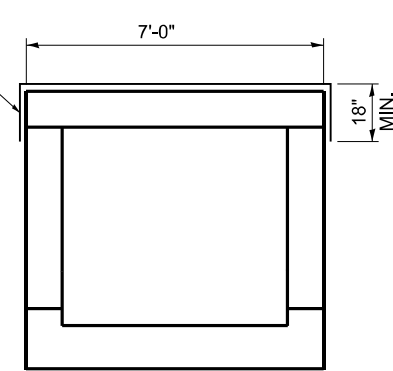


BAR z(E) BAR z1(E)



3/4" Ø HOOKED ANCHOR BOLT FORM INSTALLATION

MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES



SECTION THRU BARREL

BILL OF MATERIAL BOTH ENDS

WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES	SQ YD	34
---	-------	----

MODEL: D:\h... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS FOR STRUCTURE NO. 050-2542

SCALE: 50 SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 17
CONTRACT NO. 66M76			ILLINOIS FED. AID PROJECT	



SOIL BORING LOG

Page 1 of 1
Date 12/6/22

ROUTE FAP 786 (IL 170) DESCRIPTION IL 170 over a stream 14.5 miles South of US 6 LOGGED BY Larry Myers
 SECTION (111)CLV-1 LOCATION SE 1/4, SEC. 21, TWP. 31N, RNG. 5E, 3rd PM.
Latitude 41.13992, Longitude -88.64433
 COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T u r e	Surface Water Elev.		D E P T H	B L O W S	U C S	M O I S T u r e
					ft	ft				
050-2542 (Exist.) 771+51										
1 (NW Quad) 771+08 13.0 ft Rt. 891.77										
Augered Shoulder Stone, Asphalt Millings, Black Silty Clay Loam Fill							4			
							5	4.7	17	
Very Stiff Black and Brown Silty Clay Loam Fill		3					4			
		3	2.5	27			5	4.1	22	
		4	P				8	S		
Stiff to Very Stiff Gray Loam with Sand and Silt Layers/Pockets and Clay Loam Layers							2			
		2	2.0	37			3	2.4	23	
		3	P				5	B		
Stiff Gray Silty Clay with Some Clay and Silt Layers - with Some Varved Layers							2			
		2	1.5	14			2	2.1	28	
		3	P				3	B		
Hard Gray Silty Clay Loam Till							1			
		4	2.0	15			2	1.4	28	
		8	P				2	B		
End of Boring		1					2			
		2	1.5	22			2	1.6	25	
		3	P				2	B		

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, form 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1
Date 12/6/22

ROUTE FAP 786 (IL 170) DESCRIPTION IL 170 over a stream 14.5 miles South of US 6 LOGGED BY Larry Myers
 SECTION (111)CLV-1 LOCATION SW 1/4, SEC. 22, TWP. 31T, RNG. 5E, 3rd PM.
Latitude 41.13988, Longitude -88.64423
 COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T u r e	Surface Water Elev.		D E P T H	B L O W S	U C S	M O I S T u r e
					ft	ft				
050-2542 (Exist.) 771+51										
2 (SE Quad) 771+99 13.0 ft Lt. 891.67										
Augered Shoulder Gravel, Millings, Black Silty Clay Loam Fill							3			
							5	4.0	20	
Very Stiff to Stiff Black Silty Clay Loam Fill with Gravel Pieces and Debris							4			
		3					4	4.0	21	
		2	2.0	24			5	B		
Medium Brown Loam, Sand, Silt							2			
		2	1.8	31			5	4.1	22	
		3	P				6	B		
Hard Gray Silty Clay Loam Till with Silt and Clay Layers							2			
		1	0.5	24			2	1.3	22	
		1	P				2	B		
Very Stiff Gray Silt, Silty Clay, Clay Layered with Some Silty Clay Loam Till Layers							2			
		4	4.5	17			3	1.6	24	
		5	S				2	B		
End of Boring		3					4	4.0	22	
		4	S				4			
		4	3.0	24			5	P		
Hard Gray Silty Clay Loam Till							2			
		2	3.0	20			2	3.0	20	
		4	P				4			

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, form 137 (Rev. 8-99)

MODEL: D:\p\d\... FILE NAME: ... SOIL BORING (0602542.GPJ) IL DOT.GDT 03/19/22

SOIL BORING (0602542.GPJ) IL DOT.GDT 03/19/22

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000 / 1 in.	CHECKED - YP	REVISED -
PLOT DATE = 3/23/2023	DATE - 9/26/2022	REVISED -

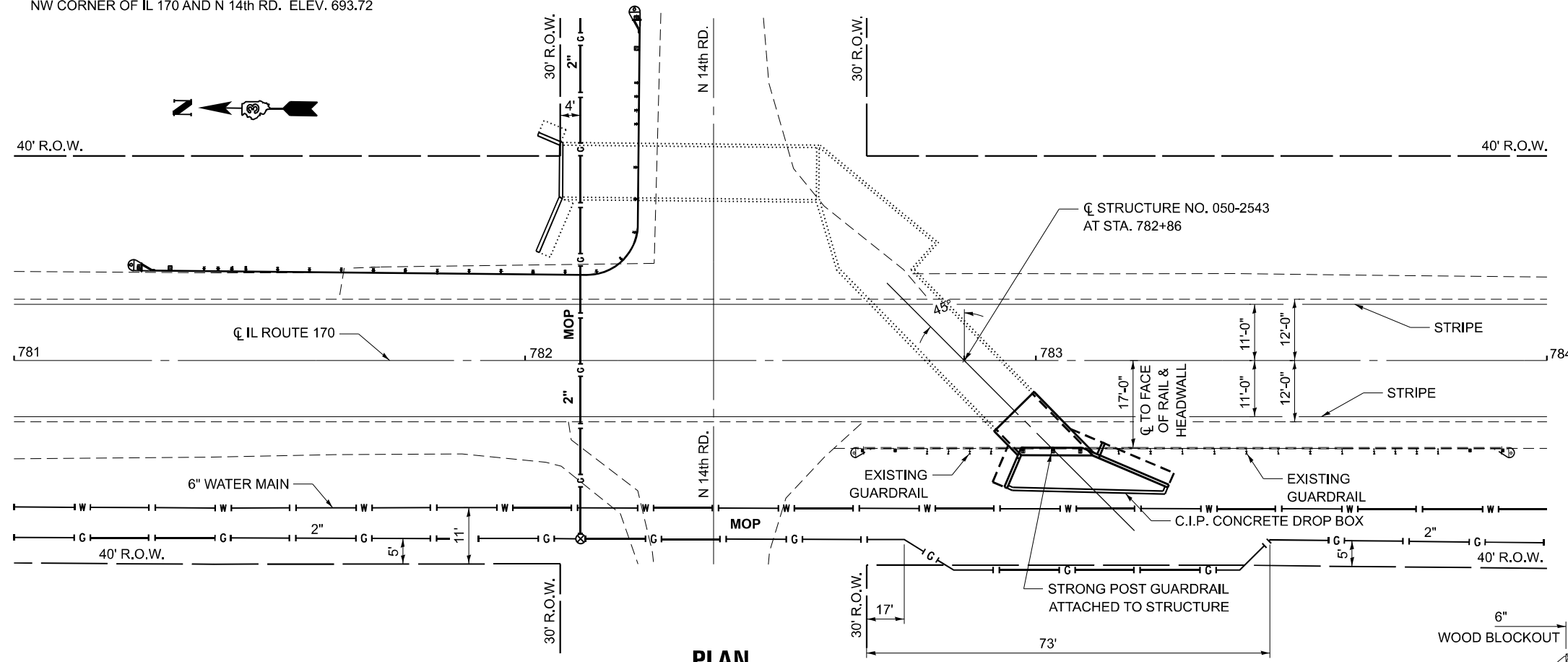
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
FOR STRUCTURE 050-2542

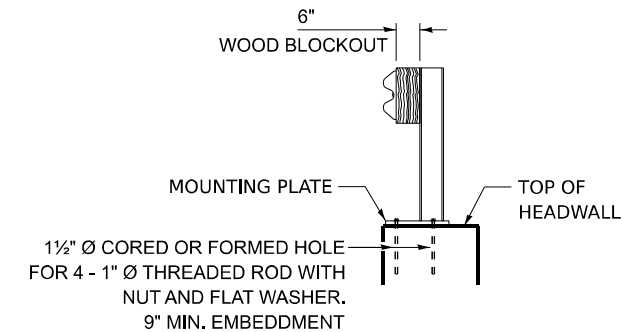
SCALE: 50 SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 18
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				

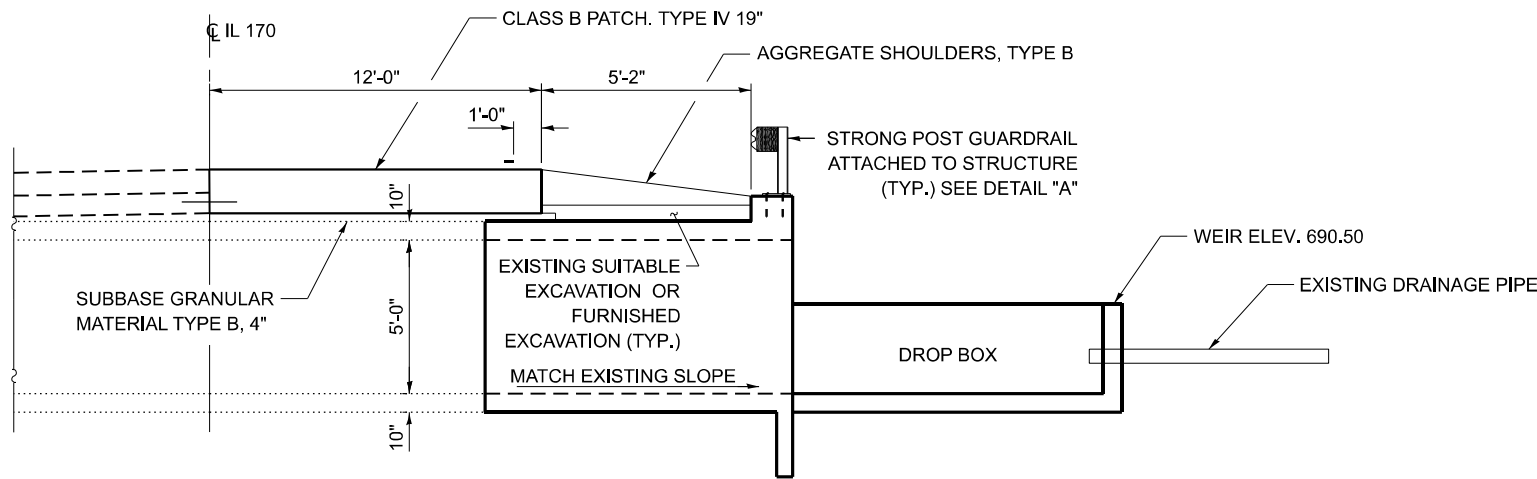
B.M. #1 HEAD OF RAILROAD SPIKE IN POWER POLE,
NW CORNER OF IL 170 AND N 14th RD. ELEV. 693.72



PLAN
STRUCTURE NO. 050-2543



DETAIL 'A'
SEE STANDARD 630101



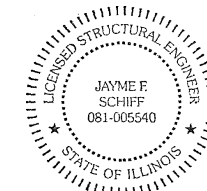
CROSS SECTION
STRUCTURE NO. 050-2543

AT RT. Δ 's TO \bar{C} ROADWAY
LOOKING SOUTH

NOTE:
EXISTING PIPE CULVERTS SHALL BE INCORPORATED INTO THE NEW CONSTRUCTION.
COST OF MAKING ANY CONNECTIONS SHALL BE INCLUDED IN THE RELATED CONCRETE
WORK.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
FURNISHED EXCAVATION	CU YD	30
GRANULAR BACKFILL FOR STRUCTUES	CU. YD.	29
CONCRETE REMOVAL	CU YD	21
CONCRETE BOX CULVERTS	CU YD	23
REINFORCEMENT BARS EPOXY COATED	POUND	5750
MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	19
MECHANICAL SPLICERS	EACH	38
EXPANSION BOLTS	EACH	30
3/4 INCH X 12 INCH		
TEMPORARY SOIL RETENTION SYSTEM	SQ FT	850



EXPIRES 11-30-2024

Jayme F. Schiff

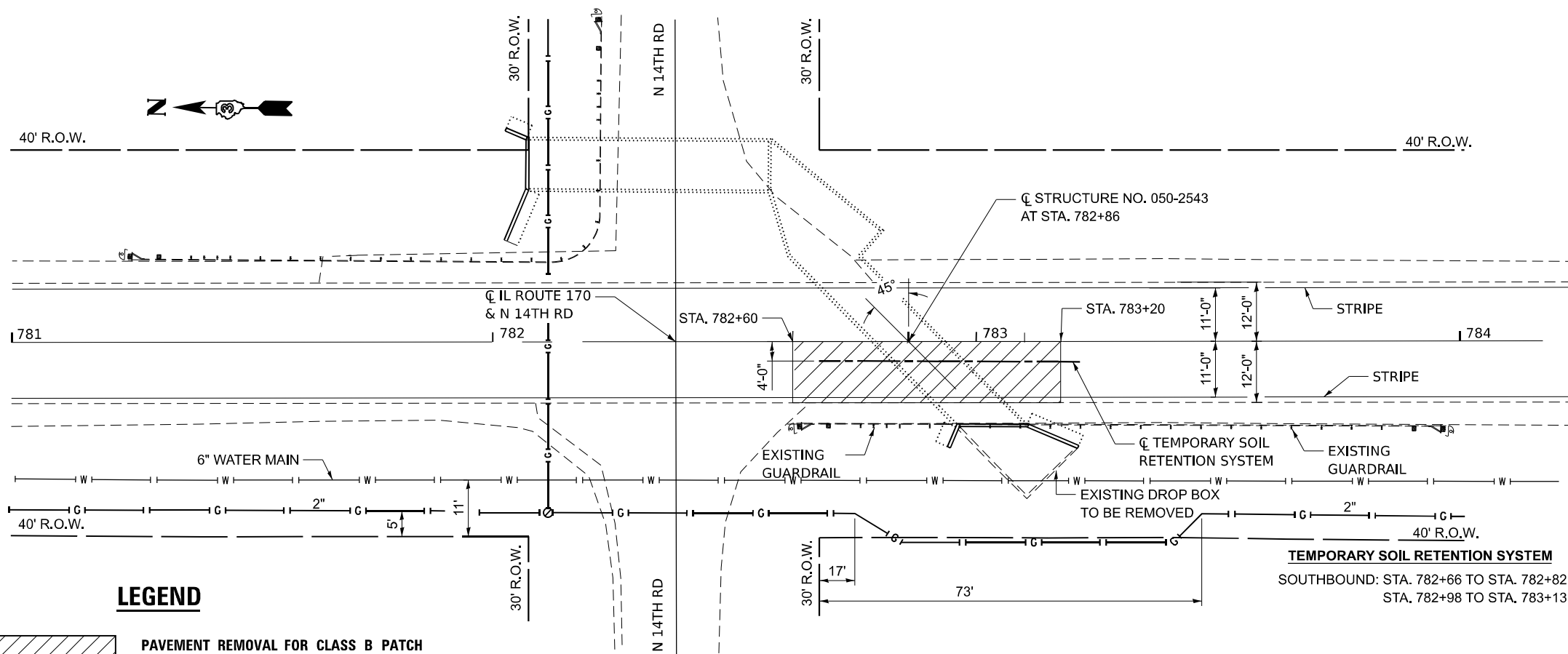
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
FOR STRUCTURE 050-2543

SCALE: 50 SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	19
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				

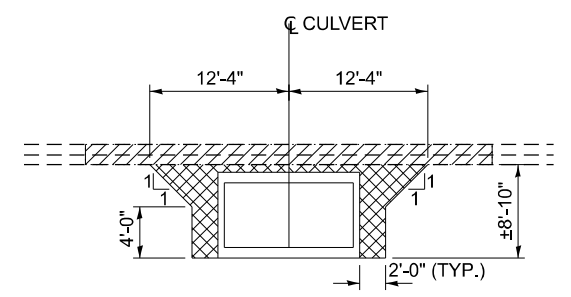
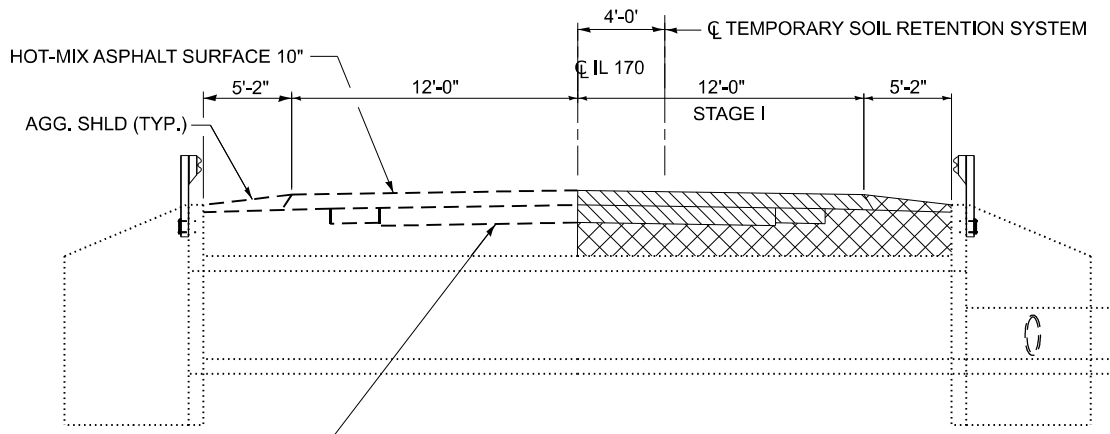
MODEL: D:\del\1...
 FILE NAME: ...
 PROJECT: ...
 DATE: 3/24/2023



LEGEND

- PAVEMENT REMOVAL FOR CLASS B PATCH
- 40' R.O.W. FLOW
- EXCAVATION
- TEMPORARY SHEET PILING

NOTE:
EXISTING PIPE CULVERTS SHALL BE INCORPORATED INTO THE NEW CONSTRUCTION.
COST OF MAKING ANY CONNECTIONS SHALL BE INCLUDED IN THE RELATED CONCRETE WORK.



NOTE: COST OF ANY EXCAVATION FOR THE REMOVAL OF THE STRUCTURE SHALL BE ACCORDING TO ARTICLE 501.06 OF THE STANDARD SPECIFICATIONS.

MODEL: D:\info\... FILE NAME: ...

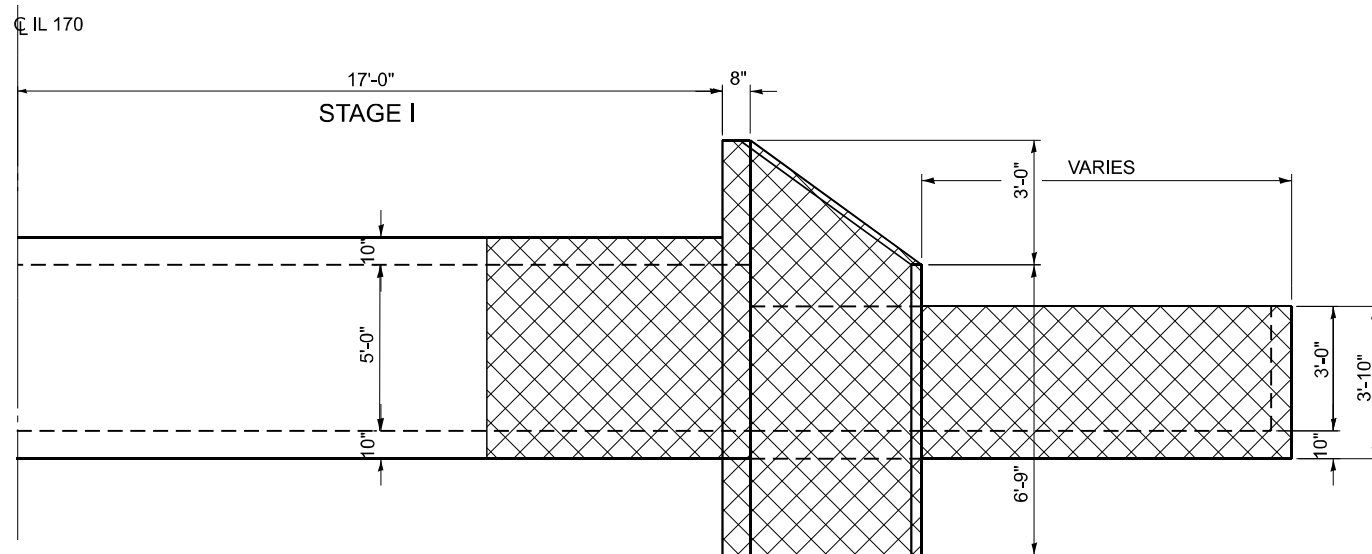
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

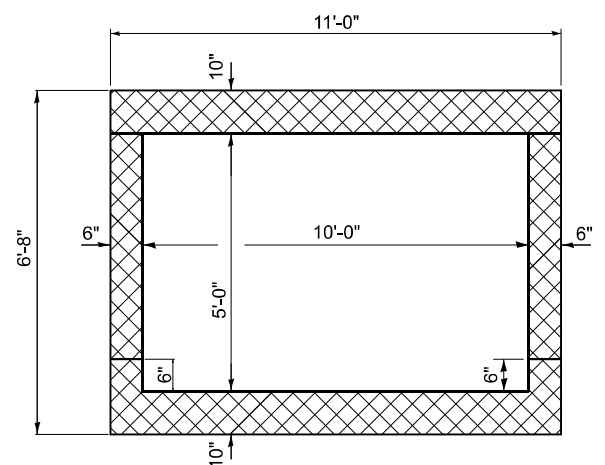
ROADWAY REMOVAL DETAILS
STRUCTURE NO. 050-2543

SCALE: 50 SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	20
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				



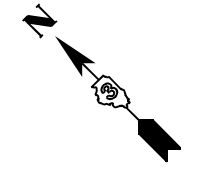
ELEVATION




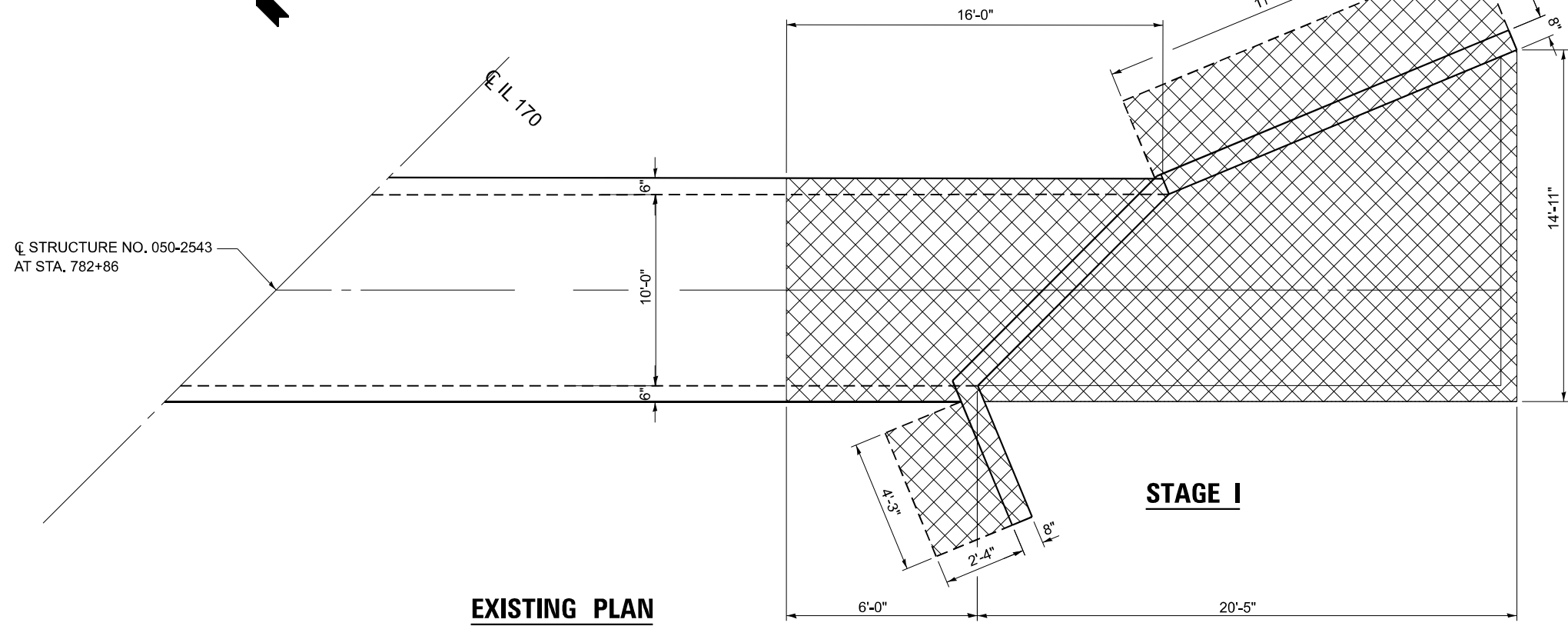
SECTION THROUGH BARREL

NOTES:

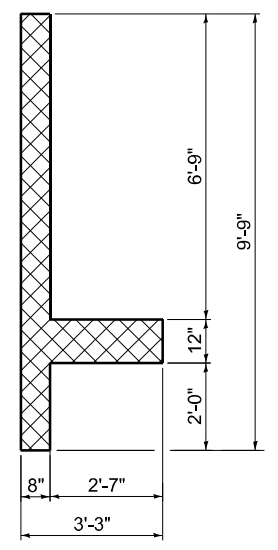
1. COST OF EXCAVATION(S) REQUIRED FOR THE REMOVAL OF THE EXISTING STRUCTURE AND CONSTRUCTION OF THE PROPOSED STRUCTURE SHALL BE ACCORDING TO ARTICLE 501.06 OF THE STANDRD SPECIFICATIONS.
2. EXISTING REINFORCEMENT BAR(S) EXTENDING INTO THE REMOVAL AREA SHALL BE CUT OFF A MINIMUM OF 6" FROM FACE OF CONCRETE, CLEANED AND STRAIGHTENED FOR THE INSTALLATION OF MECHANICAL SPLICERS.



 **CONCRETE REMOVAL**



**EXISTING PLAN
STRUCTURE NO. 050-2543
STAGE I CULVERT REMOVAL**



SECTION THROUGH WING

MODEL: D:\info\... FILE NAME: ...

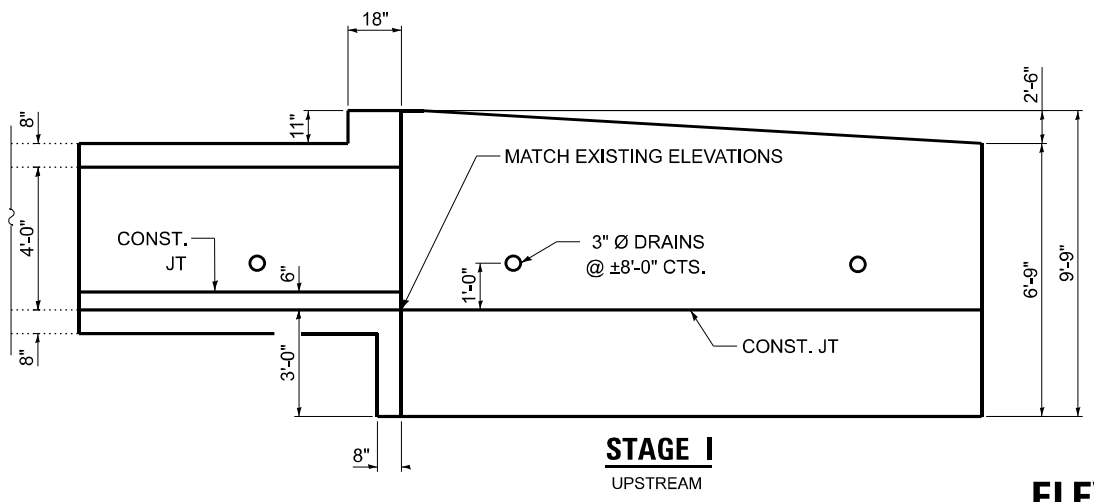
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	CHECKED - YP	REVISED -
PLOT SCALE = 100,000' / in.	DATE - 9/26/2022	REVISED -
PLOT DATE = 3/23/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

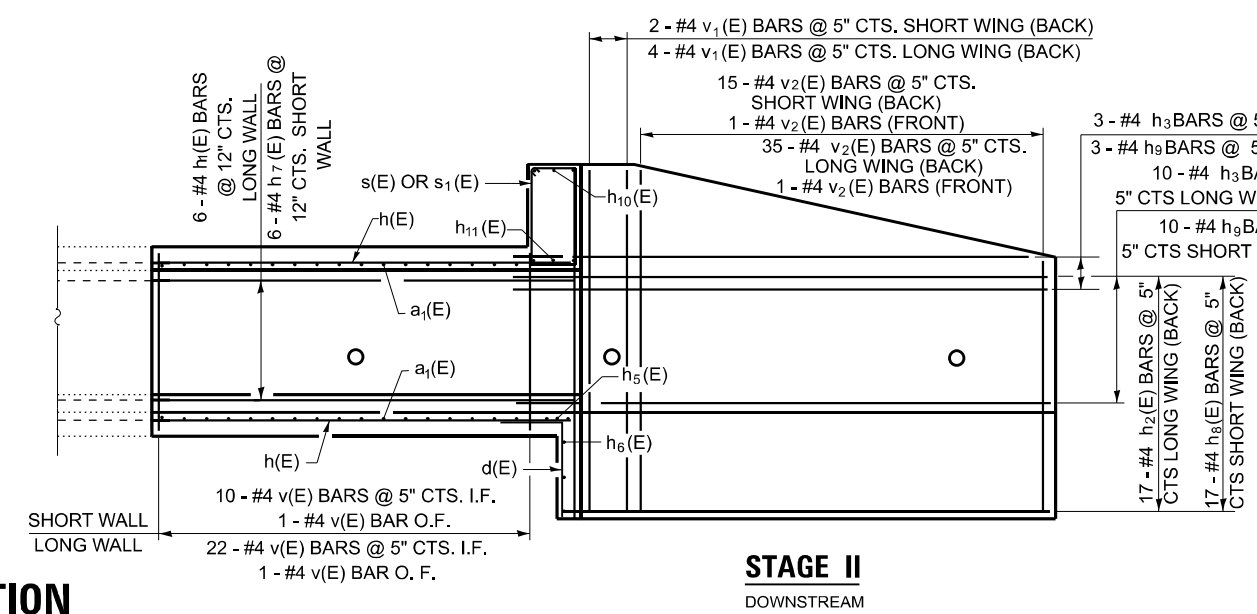
**CONCRETE REMOVAL DETAILS
FOR STRUCTURE 050-2543**

SCALE: 50 SHEET 3 OF 7 SHEETS STA. TO STA.

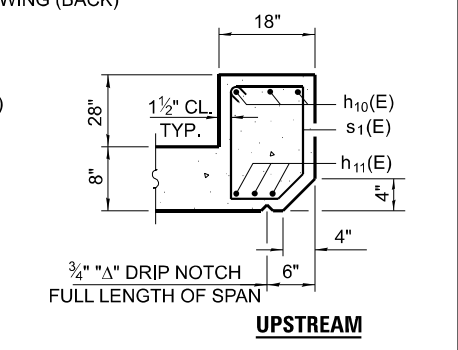
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	21
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				



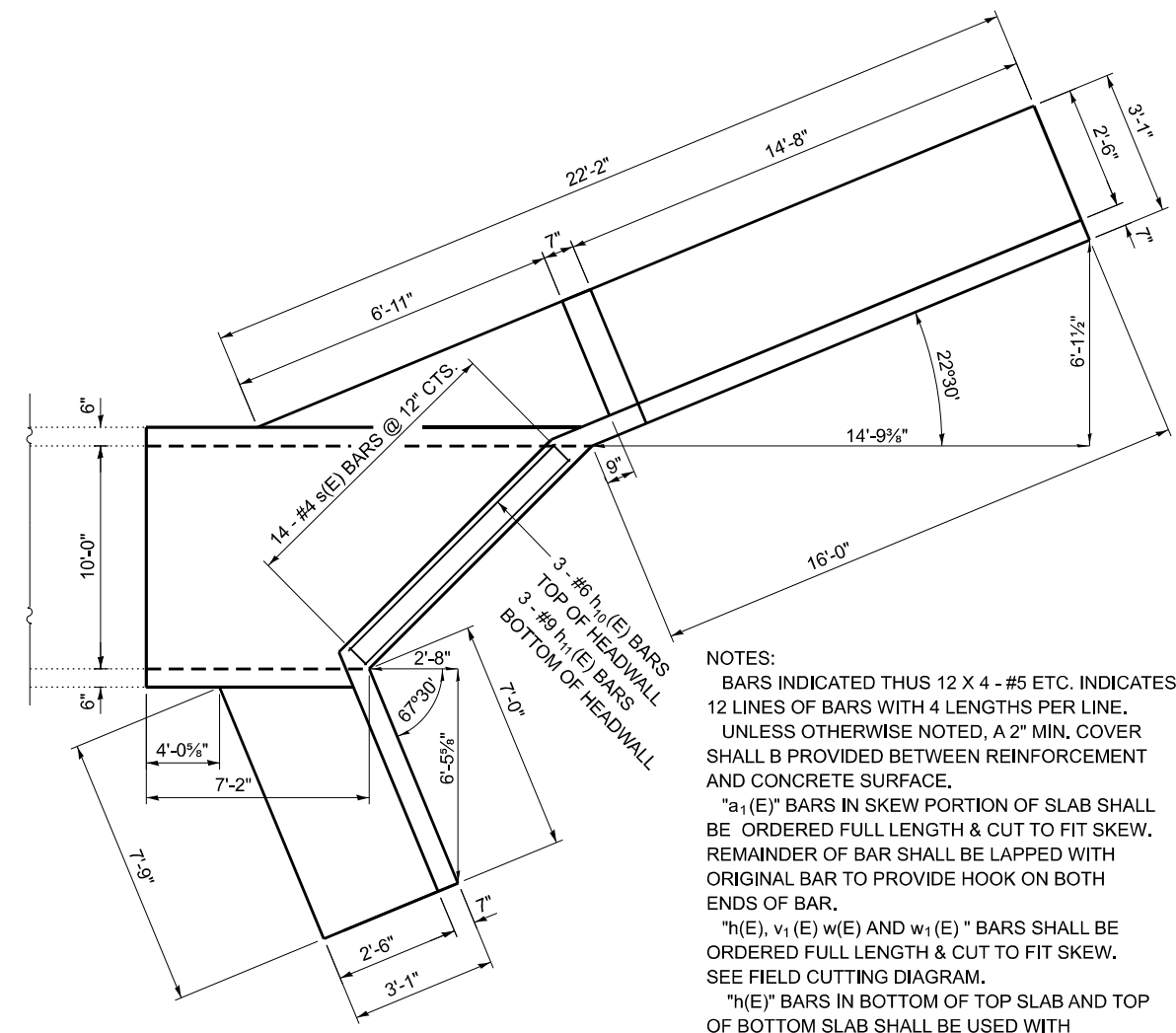
STAGE I
UPSTREAM



STAGE II
DOWNSTREAM

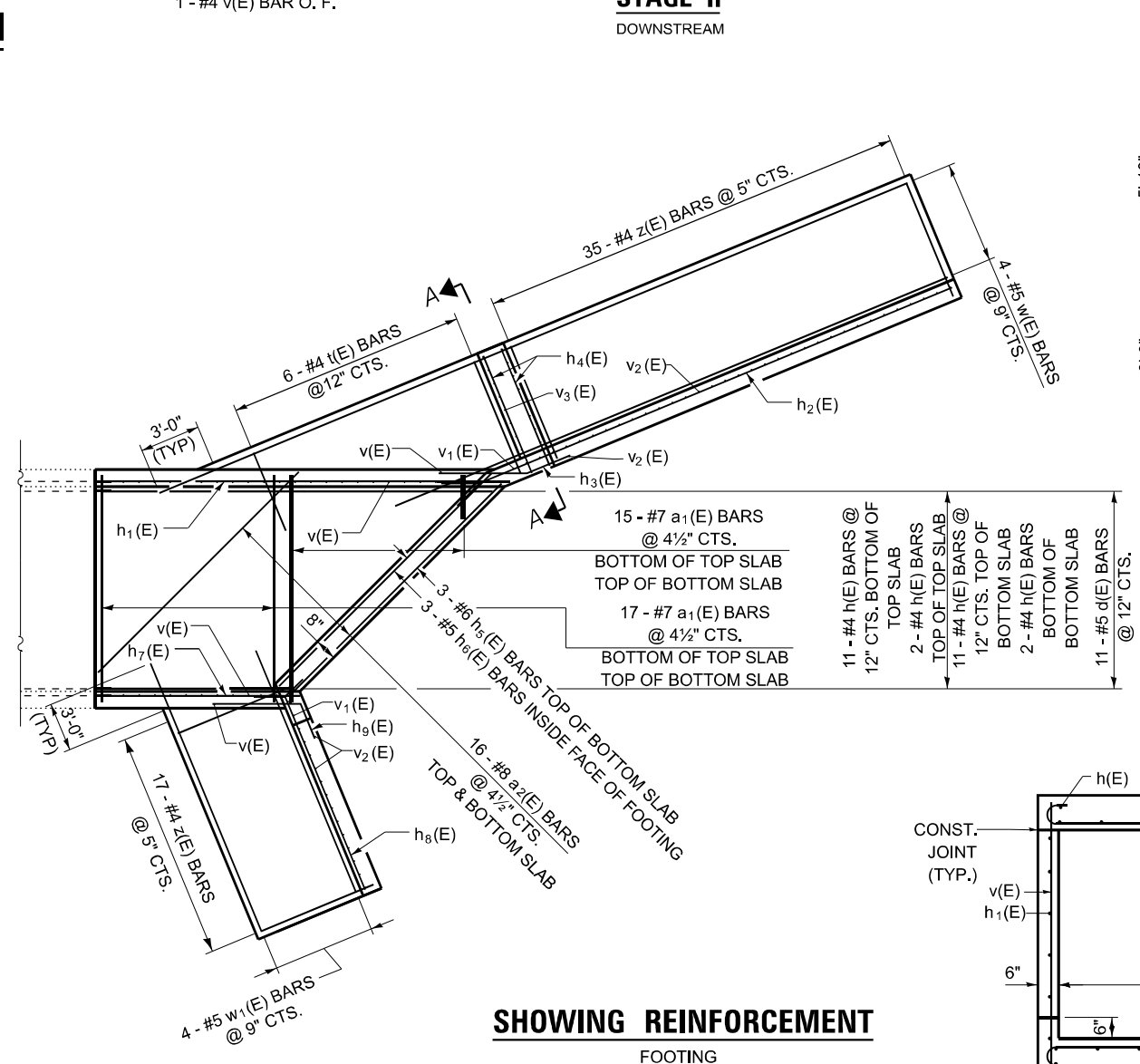


SECTION THRU HEADWALL

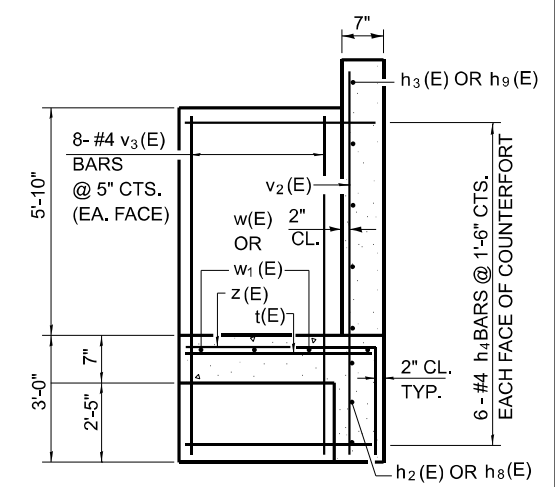


SHOWING DIMENSIONS
HEADWALL REINFORCEMENT

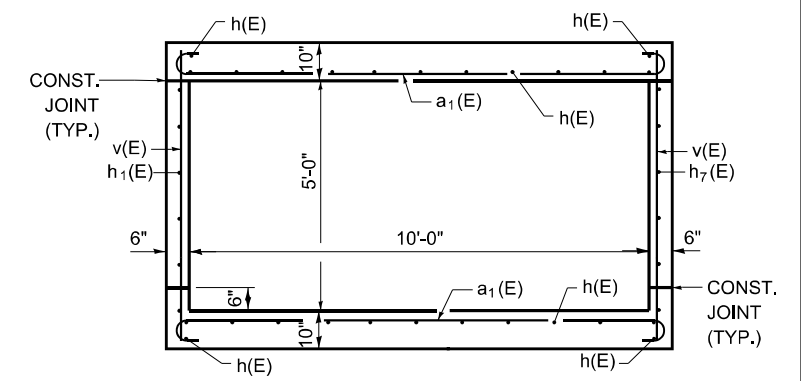
NOTES:
BARS INDICATED THUS 12 X 4 - #5 ETC. INDICATES 12 LINES OF BARS WITH 4 LENGTHS PER LINE. UNLESS OTHERWISE NOTED, A 2" MIN. COVER SHALL BE PROVIDED BETWEEN REINFORCEMENT AND CONCRETE SURFACE.
"a₁(E)" BARS IN SKEW PORTION OF SLAB SHALL BE ORDERED FULL LENGTH & CUT TO FIT SKEW. REMAINDER OF BAR SHALL BE LAPPED WITH ORIGINAL BAR TO PROVIDE HOOK ON BOTH ENDS OF BAR.
"h(E), v₁(E) w(E) AND w₁(E)" BARS SHALL BE ORDERED FULL LENGTH & CUT TO FIT SKEW. SEE FIELD CUTTING DIAGRAM.
"h(E)" BARS IN BOTTOM OF TOP SLAB AND TOP OF BOTTOM SLAB SHALL BE USED WITH MECHANICAL SPLICERS.
"h₁(E) OR h₆(E)" BARS BARS IN THE BARREL WALLS SHALL BE USED WITH MECHANICAL SPLICERS.



SHOWING REINFORCEMENT
FOOTING



SECTION A-A
SHOWING LONG WING WITH COUNTERFORT. OMIT COUNTERFORT AT SHORT WING.



SECTION THRU BARREL

PLAN
STRUCTURE NO. 050-2543

MODEL: D:\h11... FILE NAME: ...

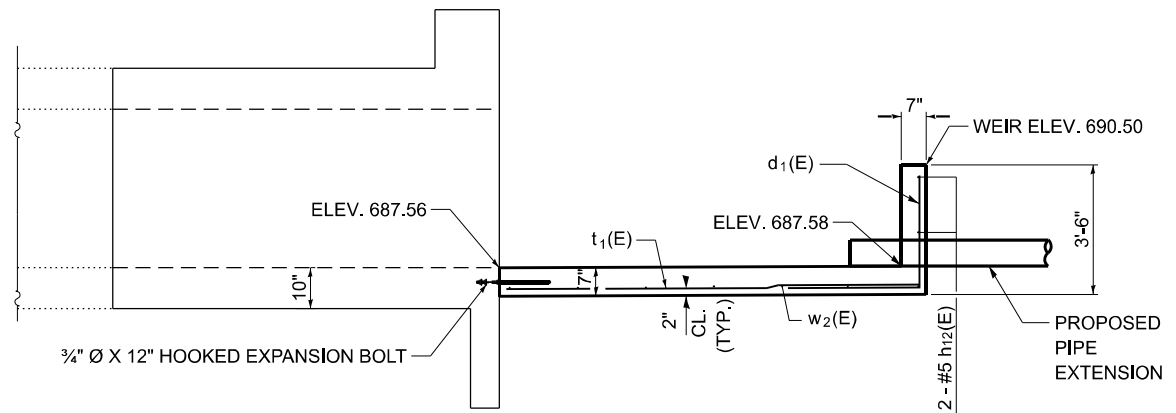
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE BOX CULVERT DETAILS
STRUCTURE NO. 050-2543

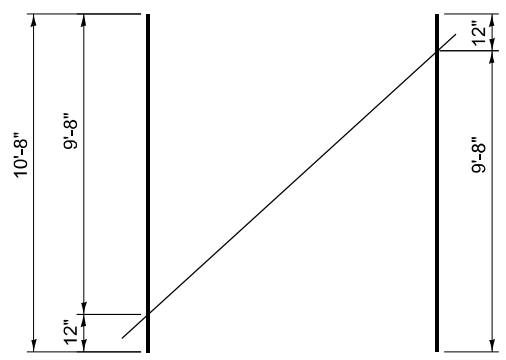
SCALE: 50 SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	22
CONTRACT NO. 66M76			ILLINOIS FED. AID PROJECT	

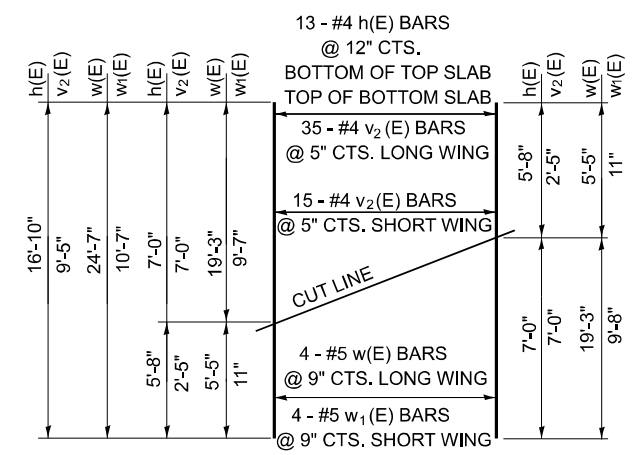


ORDER w (E) BARS FULL LENGTH AND CUT TO FIT.

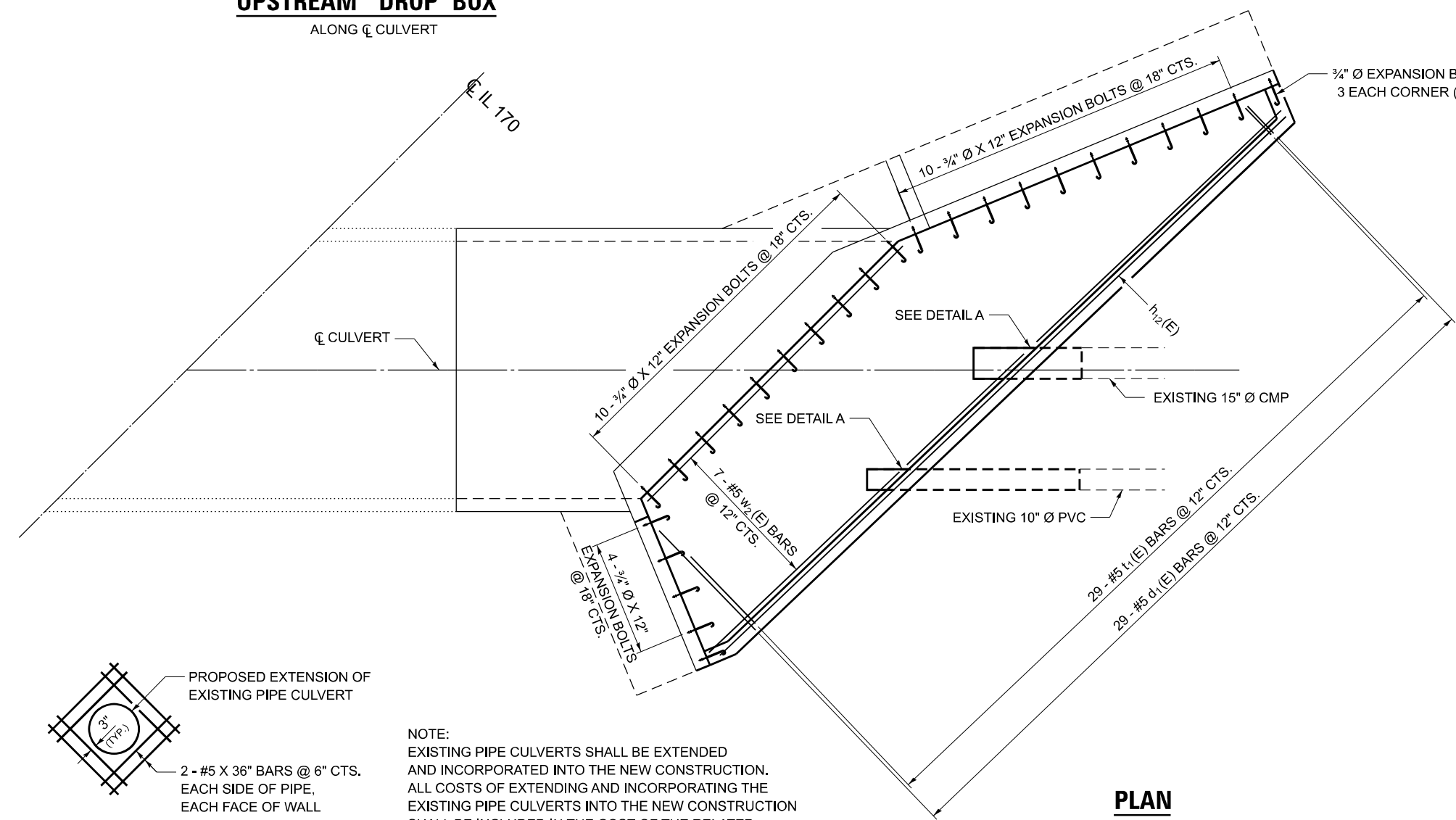
ELEVATION
UPSTREAM DROP BOX
ALONG CL CULVERT



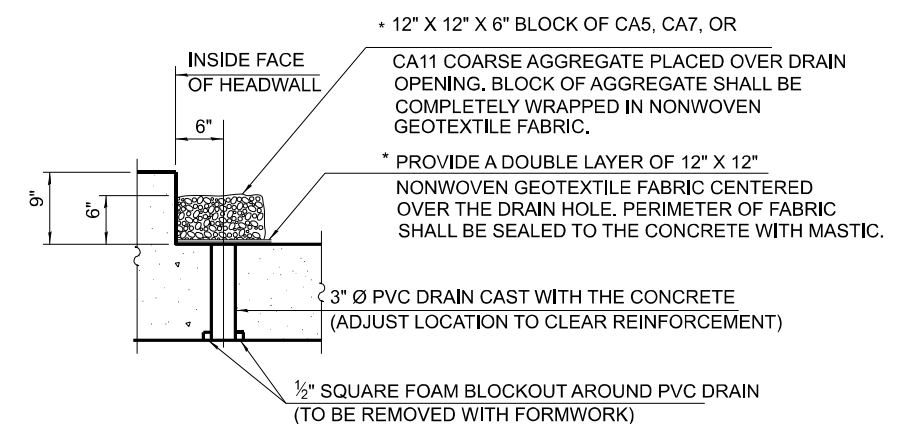
FIELD CUTTING DIAGRAM
FOR a1(E) BAR



FIELD CUTTING DIAGRAM
ORDER BARS SHOWN FULL LENGTH. CUT AS SHOWN.

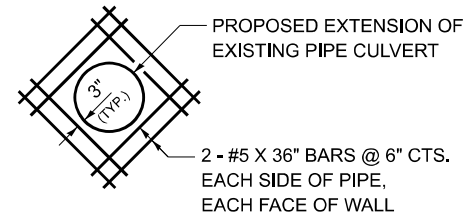


NONWOVEN GEOTEXTILE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1080.01 OF THE STANDARD SPECIFICATIONS. THE MINIMUM WEIGHT OF THE FABRIC SHALL BE 6 OUNCES PER SQUARE YARD.



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.)



DETAIL A

NOTE:
EXISTING PIPE CULVERTS SHALL BE EXTENDED AND INCORPORATED INTO THE NEW CONSTRUCTION. ALL COSTS OF EXTENDING AND INCORPORATING THE EXISTING PIPE CULVERTS INTO THE NEW CONSTRUCTION SHALL BE INCLUDED IN THE COST OF THE RELATED CONCRETE WORK.

PLAN
UPSTREAM DROP BOX (ONLY)

- NOTES:
DROP BOX CONCRETE WILL BE PAID FOR AS "CONCRETE BOX CULVERT"
- EXPANSION BOLTS SHALL BE DRILLED AND GROUTED INTO THE NEW FOOTING ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS
- EXPANSION BOLTS SHALL BE INSTALLED IN THE FORMS PRIOR TO POURING THE CONCRETE FOR THE NEW WING WALLS.
- t₁(E) AND w₃(E) BARS SHALL BE ORDERED FULL LENGTH AND CUT TO FIT IN FIELD.

MODEL: D:\info\... FILE NAME: ...

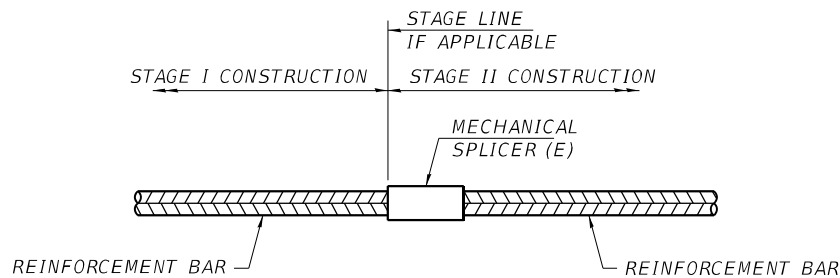
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 4/28/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 50		SHEET 5 OF 7 SHEETS		STA. TO STA.	
-----------	--	---------------------	--	--------------	--

DROP BOX DETAILS
FOR STRUCTURE 050-2543

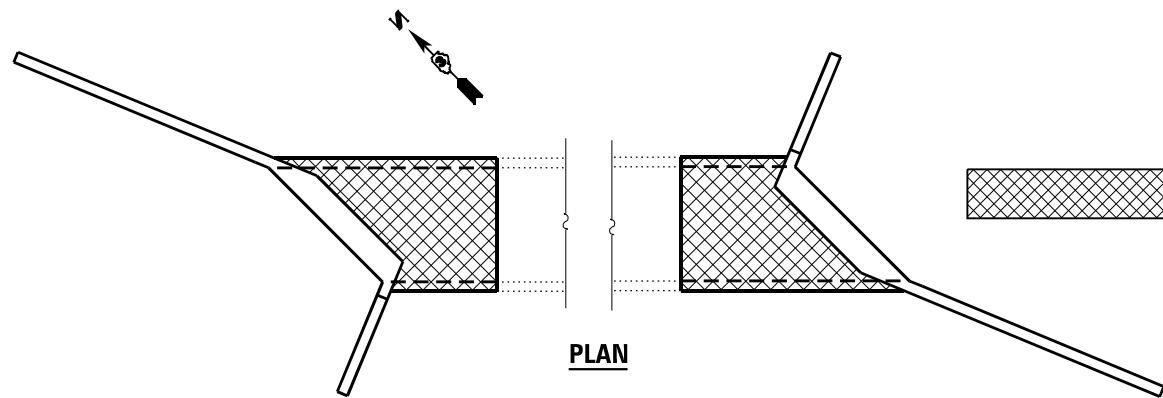
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	23
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				



STANDARD MECHANICAL SPLICER

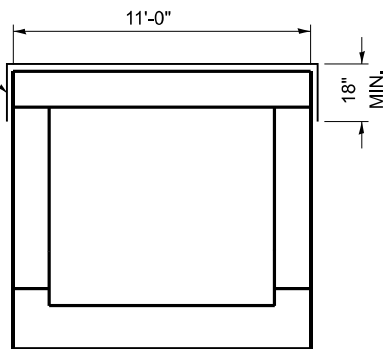
LOCATION	BAR SPLICED	BAR SIZE	NO. ASSEMBLIES REQUIRED
WEST END			
TOP SLAB	h(E)	#4	13
BOTTOM SLAB	h(E)	#4	13
LONG SIDE WALL	h ₁ (E)	#4	6
SHORT SIDE WALL	h ₅ (E)	#4	6
	TOTAL		38

MECHANICAL SPLICERS

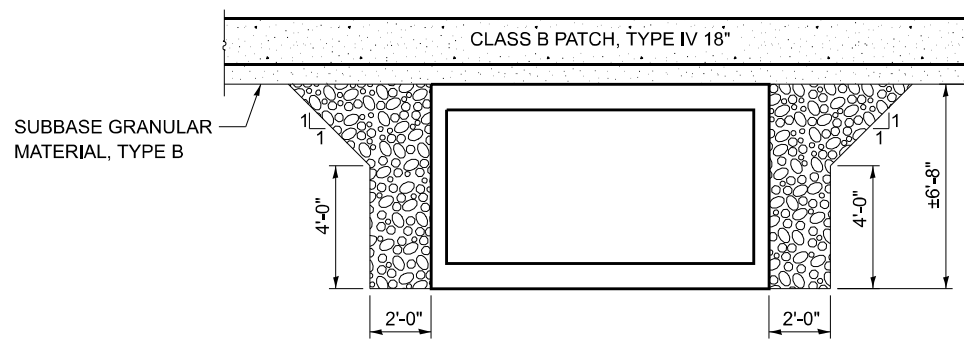


PLAN

MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES



SECTION THRU BARREL

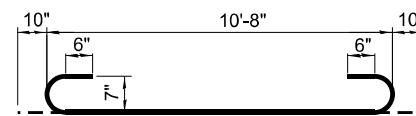


SECTION THRU CULVERT

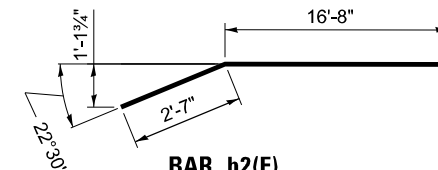
WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES

BILL OF MATERIAL BOTH ENDS

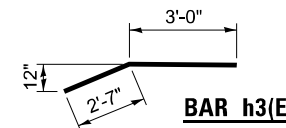
WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES	SQ YD	19
---	-------	----



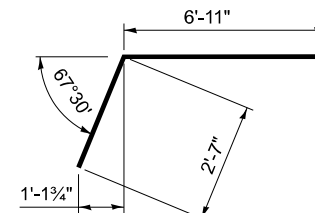
BAR a1(E)



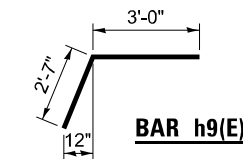
BAR h2(E)



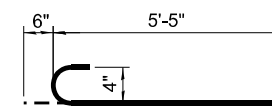
BAR h3(E)



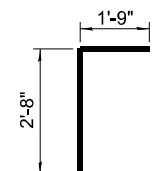
BAR h8(E)



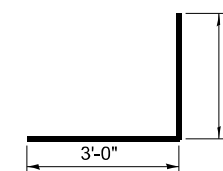
BAR h9(E)



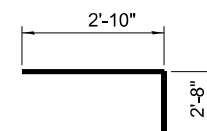
BAR n(E)



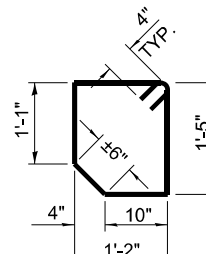
BAR d(E)



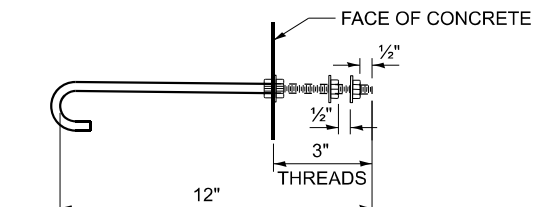
BAR d1(E)



BAR z(E)



BAR s(E)



3/4" Ø HOOKED ANCHOR BOLT FORM INSTALLATION

BILL OF MATERIAL BOTH ENDS

BAR	NO.	SIZE	LENGTH	SHAPE
a1(E)	64	#7	13'-4"	[Symbol]
a2(E)	32	#8	15'-1"	[Symbol]
d(E)	11	#5	4'-5"	[Symbol]
d1(E)	29	#5	6'-2"	[Symbol]
h(E)	26	#4	16'-10"	[Symbol]
h1(E)	6	#4	17'-0"	[Symbol]
h2(E)	17	#4	19'-3"	[Symbol]
h3(E)	13	#4	5'-7"	[Symbol]
h4(E)	12	#4	2'-10"	[Symbol]
h5(E)	3	#6	15'-1"	[Symbol]
h6(E)	3	#5	14'-4"	[Symbol]
h7(E)	6	#4	7'-0"	[Symbol]
h8(E)	17	#4	9'-6"	[Symbol]
h9(E)	13	#4	5'-7"	[Symbol]
h10(E)	3	#6	11'-11"	[Symbol]
h11(E)	3	#9	11'-11"	[Symbol]
h12(E)	2	#5	29'-11"	[Symbol]
s(E)	14	#4	5'-8"	[Symbol]
t(E)	6	#4	2'-10"	[Symbol]
t1(E)	29	#5	6'-10"	[Symbol]
v(E)	34	#4	9'-6"	[Symbol]
v1(E)	6	#4	9'-6"	[Symbol]
v2(E)	52	#4	9'-5"	[Symbol]
w(E)	4	#5	24'-7"	[Symbol]
w1(E)	4	#5	10'-7"	[Symbol]
w2(E)	7	#5	23'-8"	[Symbol]
z(E)	52	#4	5'-6"	[Symbol]
CONCRETE REMOVAL			CU. YD.	21
CONCRETE BOX CULVERTS			CU. YD.	23
REINFORCEMENT BARS, EPOXY COATED			POUND	5750
EXPANSION BOLTS			EACH	30
3/4 INCH X 12 INCH			EACH	30
WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES			SQ YD	19

(E) DENOTES EPOXY COATED BARS

MODEL: D:\info\... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

MICELLANEOUS DETAILSS STRUCTURE NO. 050-2543

SCALE: 50 SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	24
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

Date 10/10/02

ROUTE FAP 786(IL170) DESCRIPTION BOX CULVERT AT ILLINOIS 170 & NORTH 14TH/T.B. 535 ROAD NEAR RANSOM LOGGED BY LM

SECTION (111) LOCATION NW 1/4, SEC. 27, TWP. 31N, RNG. 5E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO. 050-2543
Station 782+85

BORING NO. 1 NW QUAD
Station 4+49
Offset 25.00ft LT
Ground Surface Elev. 691.20 ft

Surface Water Elev. 687.40 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion NONE ft
After 24 Hrs. 672.2 ft

D E P T H (ft) (ft) (ft) (%)
B L O W S
U C S
M O I S T
G U T

Soil Description	D	B	U	M	Soil Description	D	B	U	M
	ft	(ft)	(ft)	(%)		ft	(ft)	(ft)	(%)
AUGERED Black SILTY CLAY LOAM & TILL					Stiff Gray SILTY CLAY TILL (continued)	1			
						2	1.2	24.0	
						5		B	
Very Stiff Black SILTY CLAY LOAM	3				Stiff Gray SILTY CLAY TILL	4	1.1	21.0	
	2	3.5	26.0			5		B	
	2	P							
	4								
	2					1			
Very Stiff Brown SILTY CLAY	2					3	1.9	21.0	
	2	-				7		B	
	3				End of Boring				
	4	2.2	22.0						
	7								
Hard Gray SILTY CLAY TILL	3								
	4	4.5	18.0						
	8								
Stiff Gray SILTY CLAY TILL	1								
	2	1.3	23.0						
	4								
	2								
	2	1.5	23.0						
	5								
	1								
	2	1.5	23.0						
	3								

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 T208)

BBS, form 137 (Rev. 8-88)



SOIL BORING LOG

Date 10/10/02

ROUTE FAP 786(IL170) DESCRIPTION BOX CULVERT AT ILLINOIS 170 & NORTH 14TH/T.B. 535 ROAD NEAR RANSOM LOGGED BY LM

SECTION (111) LOCATION NW 1/4, SEC. 27, TWP. 31N, RNG. 5E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO. 050-2543
Station 782+85

BORING NO. 2 SE QUAD
Station 4+53
Offset 27.00ft RT
Ground Surface Elev. 691.10 ft

Surface Water Elev. 687.40 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 671.6 ft
After 24 Hrs. 687.1 ft

D E P T H (ft) (ft) (ft) (%)
B L O W S
U C S
M O I S T
G U T

Soil Description	D	B	U	M	Soil Description	D	B	U	M
	ft	(ft)	(ft)	(%)		ft	(ft)	(ft)	(%)
AUGERED Black SILTY CLAY LOAM					Stiff Gray SILTY CLAY TILL (continued)	1			
						3	1.8	23.0	
						4		B	
Stiff Brown-Gray SILTY CLAY with GRAVEL Pieces	2								
	2	2.0	27.0						
	3	P							
Hard Brown SILTY CLAY TILL	2					2			
	4	4.2	24.0			3	2.0	23.0	
	6					5		B	
					End of Boring				
Hard Brown CLAY	3								
	5	4.7	27.0						
	7								
Very Stiff Brown CLAY TILL	2								
	3	2.2	27.0						
	5								
Very Stiff Gray SILTY CLAY LOAM TILL	4								
	5	3.0	19.0						
	8	P							
	4								
	5	2.7	19.0						
	7								
Stiff Gray SILTY CLAY TILL	1								
	2	1.4	23.0						
	4								

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 T208)

BBS, form 137 (Rev. 8-88)

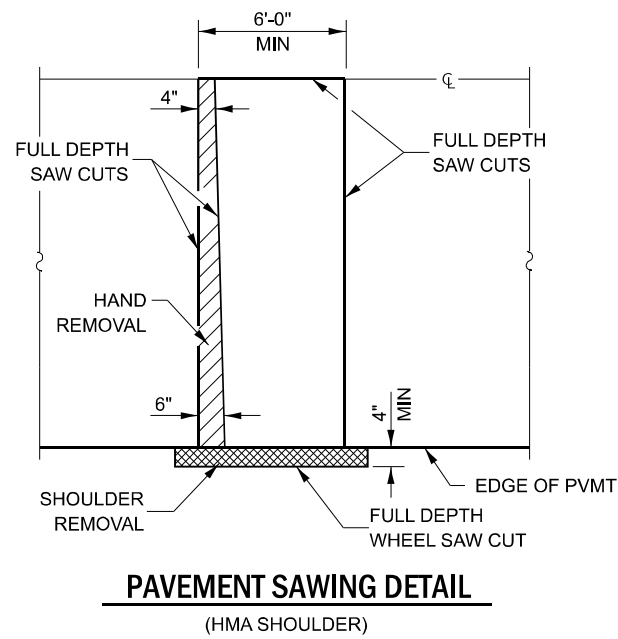
MODEL: D:\info\... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISIONS -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 3/23/2023	DATE - 9/26/2022	REVISED -

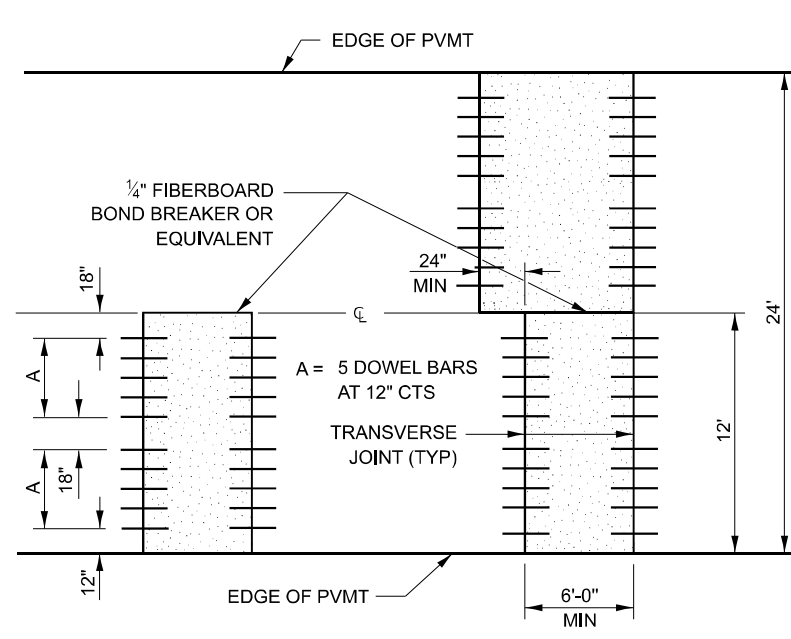
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BORING LOGS FOR STRUCTURE 050-2543	
SCALE: 50	SHEET 7 OF 7 SHEETS
STA. _____	TO STA. _____

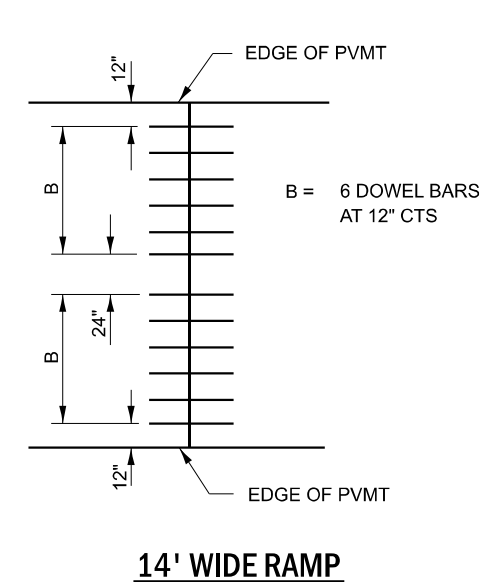
F.A.P. RTE. <u>786</u>	SECTION <u>(111)CLV, CLV-1</u>	COUNTY <u>LASALLE</u>	TOTAL SHEETS <u>28</u>	SHEET NO. <u>25</u>
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				



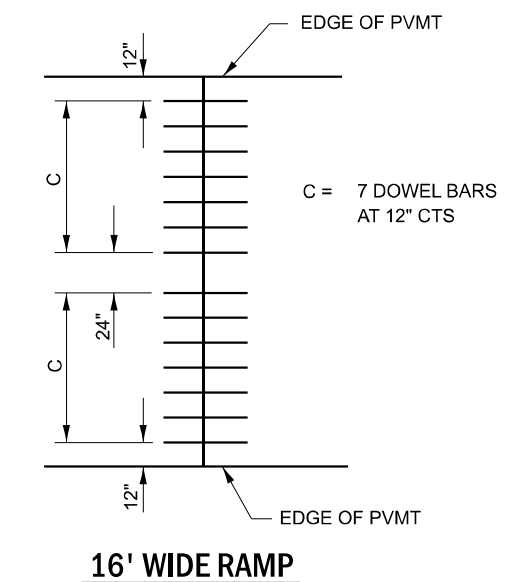
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



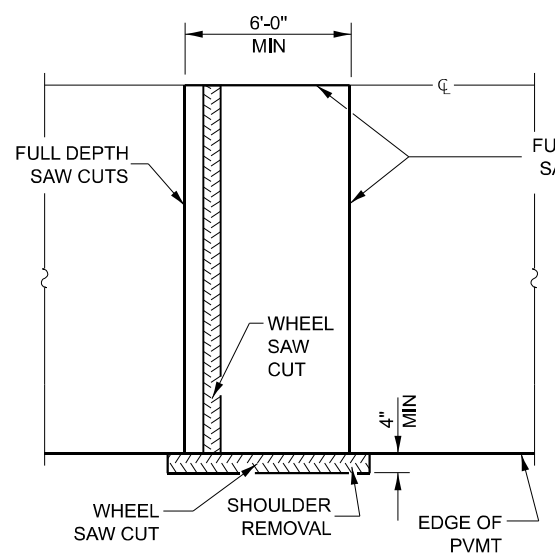
12' WIDE LANES



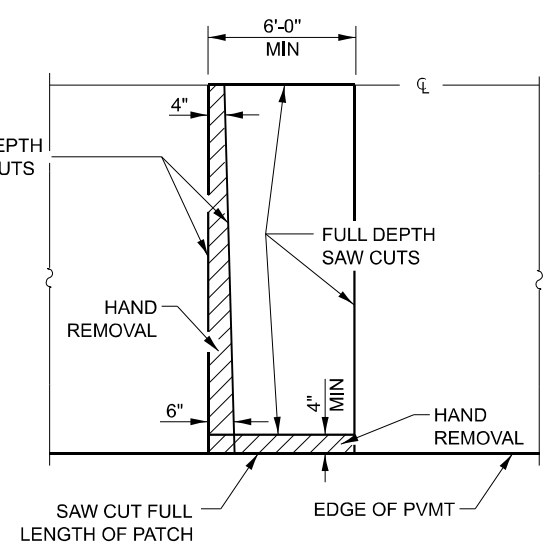
14' WIDE RAMP



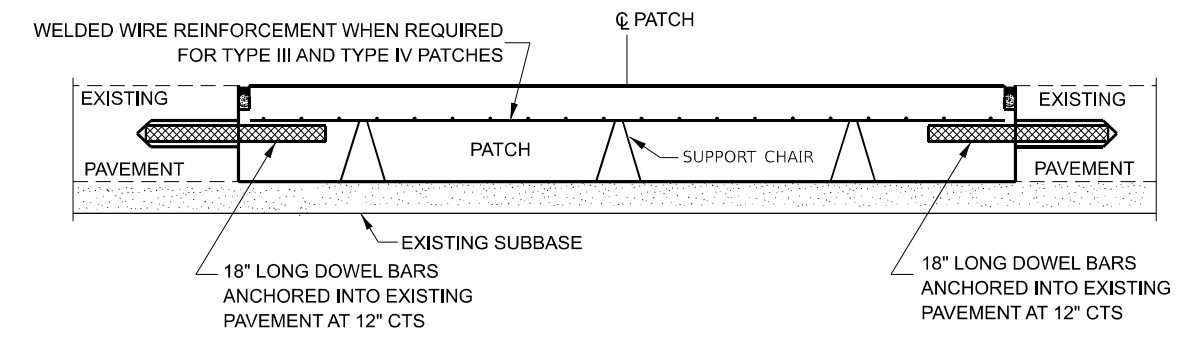
16' WIDE RAMP



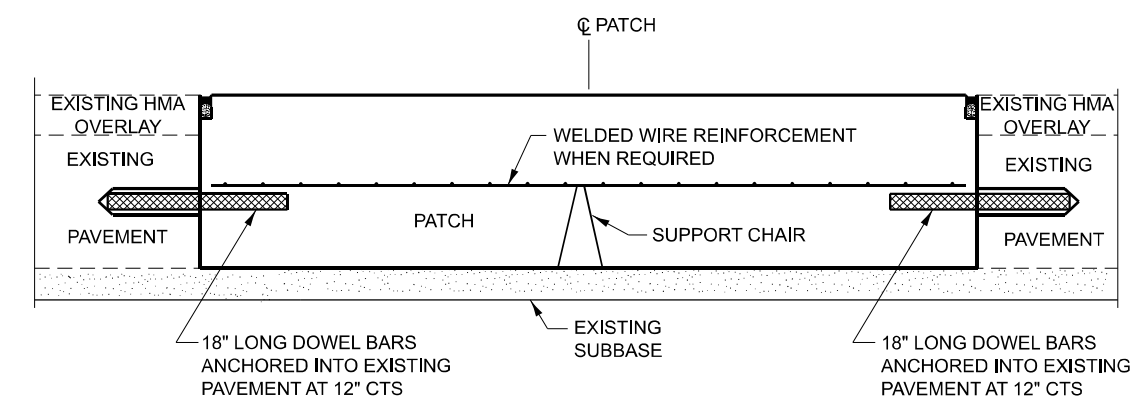
ALTERNATE SAWING DETAIL
(HMA SHOULDER)



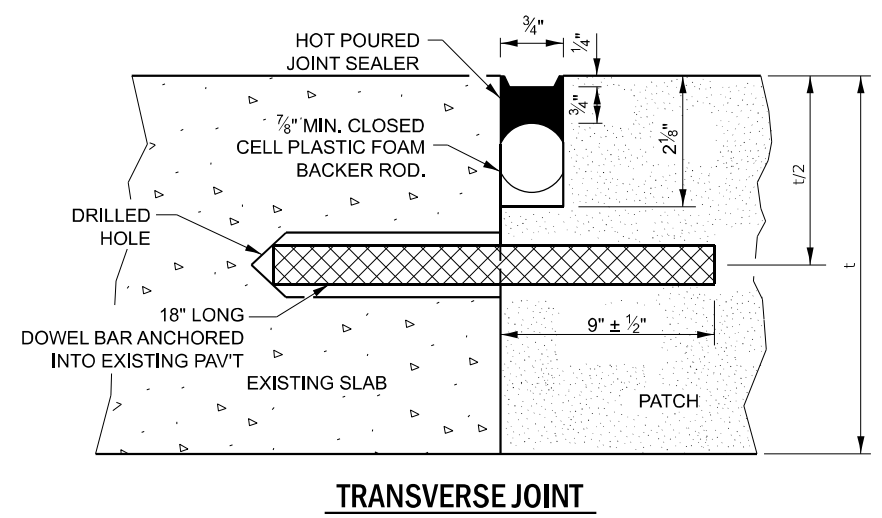
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



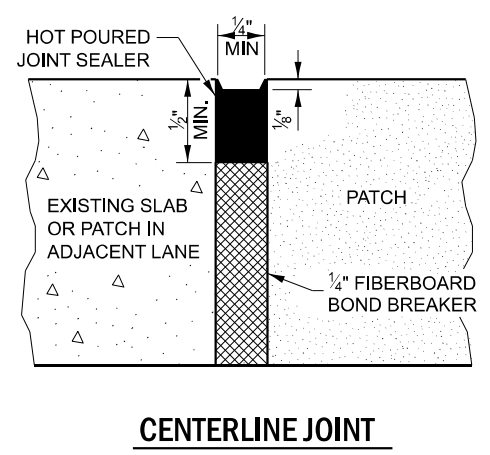
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 5/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

MODEL: Default
FILE NAME: p:\p\dot\paw\beadefy.com\p\dot\paw\Documents\DOT 0_ces\BTRict_308D\Project\366M76\CADD\366M76\CAD\Sheet\66M76_COVER.dgn

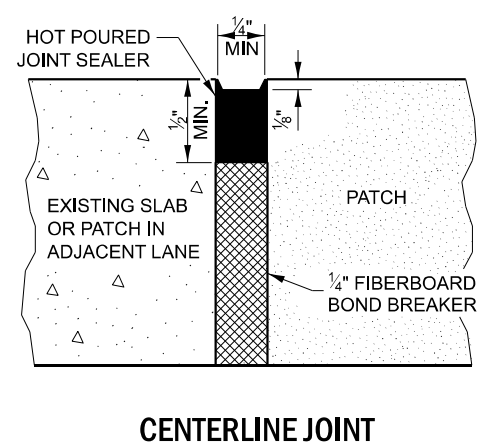
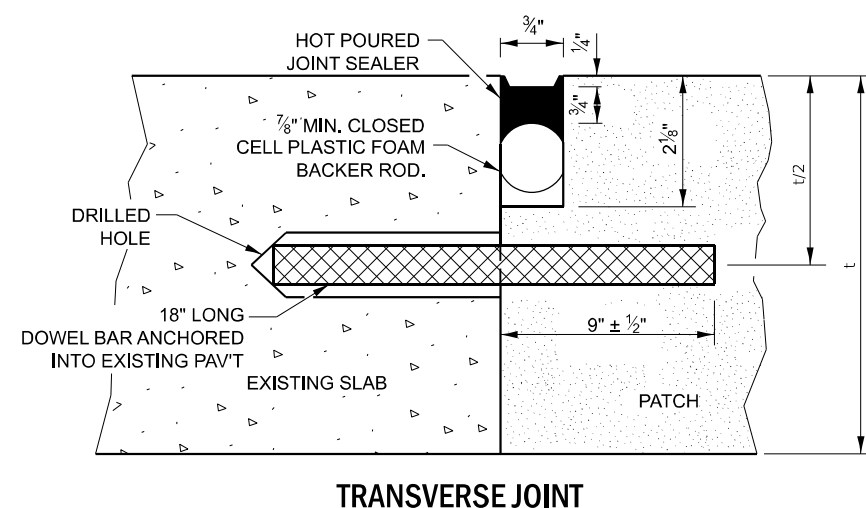
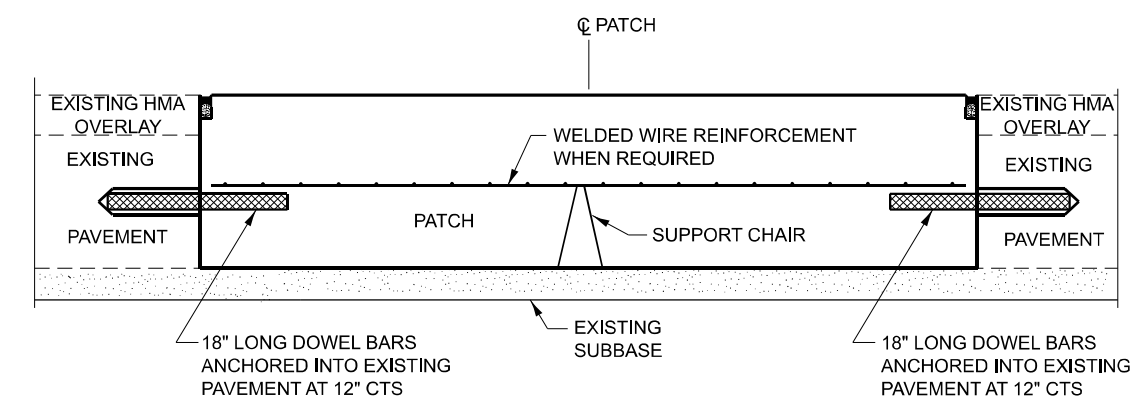
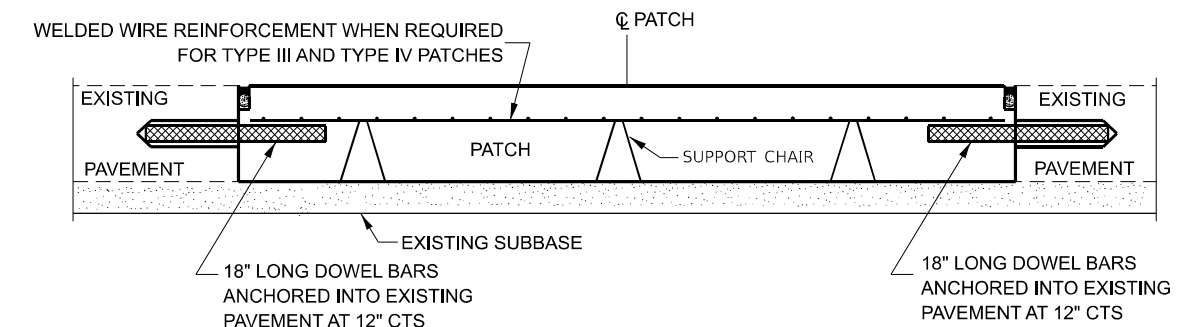
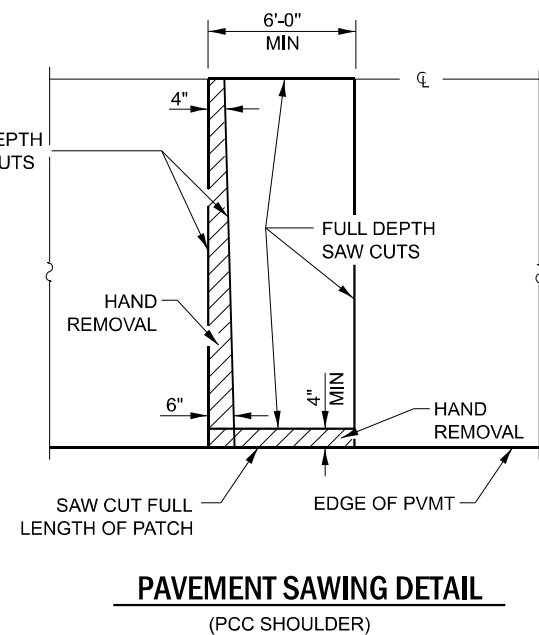
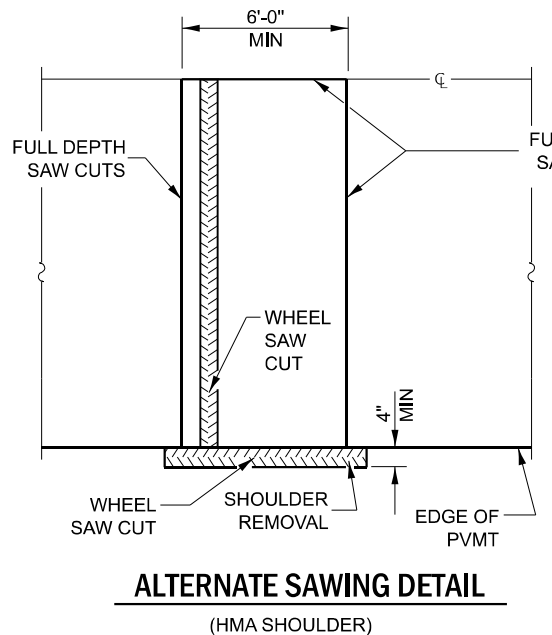
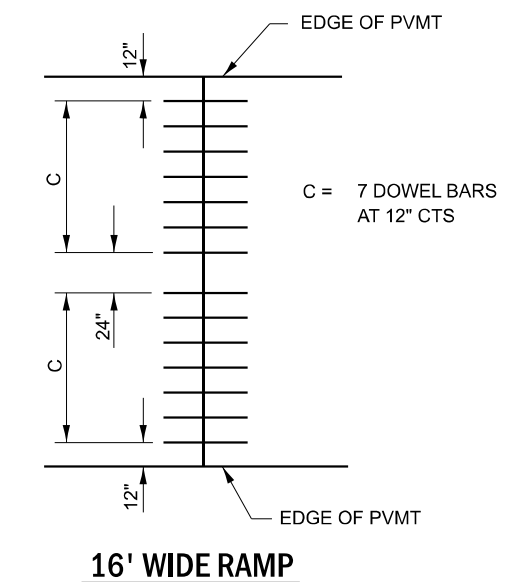
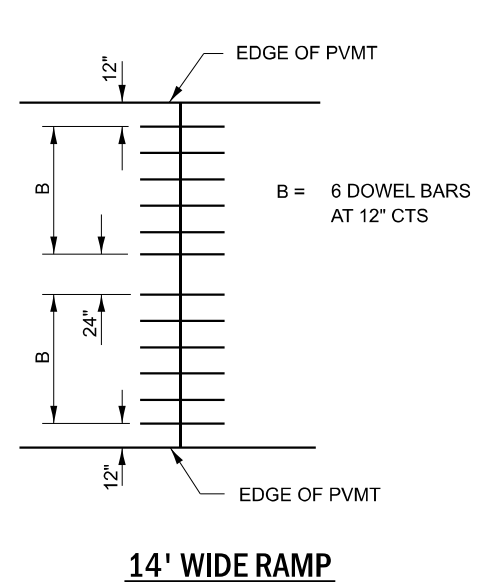
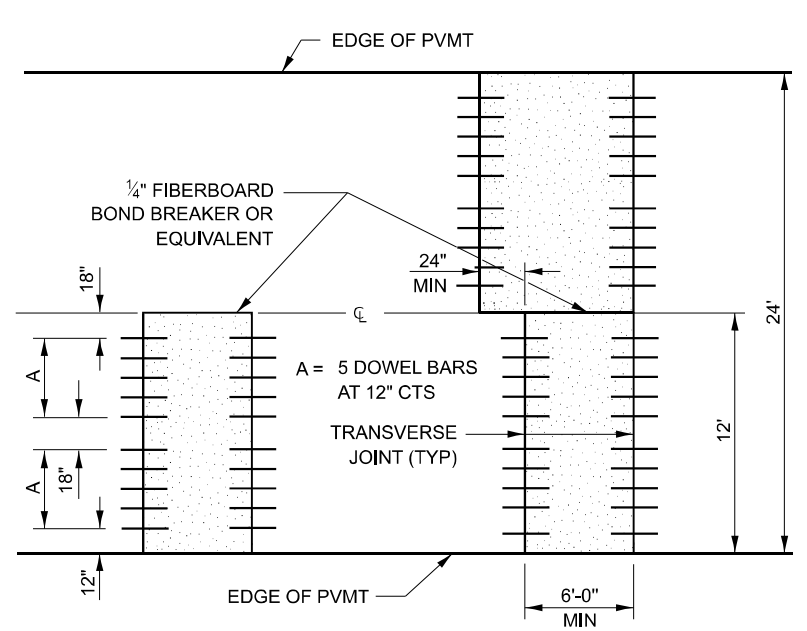
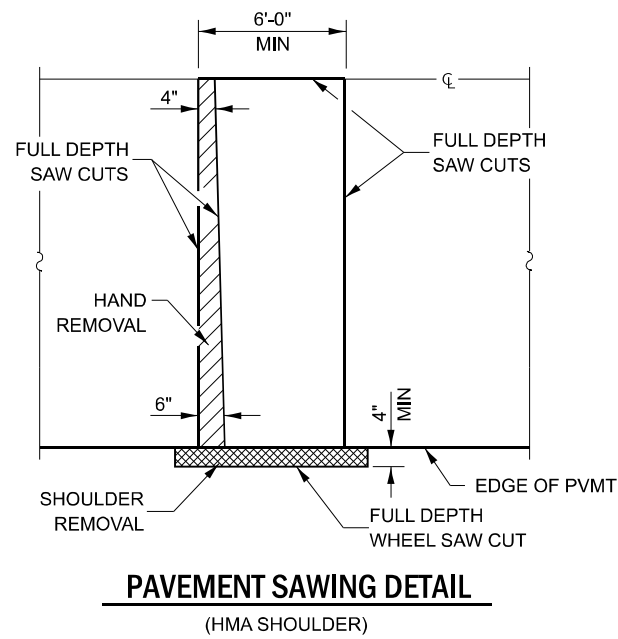
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISIONS -	
PLOT SCALE = 100,000 * 1/4" = 1"	CHECKED - YP	REVISIONS -
PLOT DATE = 3/24/2023	DATE - 9/26/2022	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CLASS B PATCHING DETAILS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 786	SECTION (111)CLV, CLV-1	COUNTY LASALLE	TOTAL SHEETS 28	SHEET NO. 26
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				



DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 5/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

MODEL: Default
FILE NAME: P:\VINDOT\Documents\DOT_0_ces\BTRict_308D\Projects\366M76\CADD\366M76\CAD\sheet\66M76_COVER.dgn

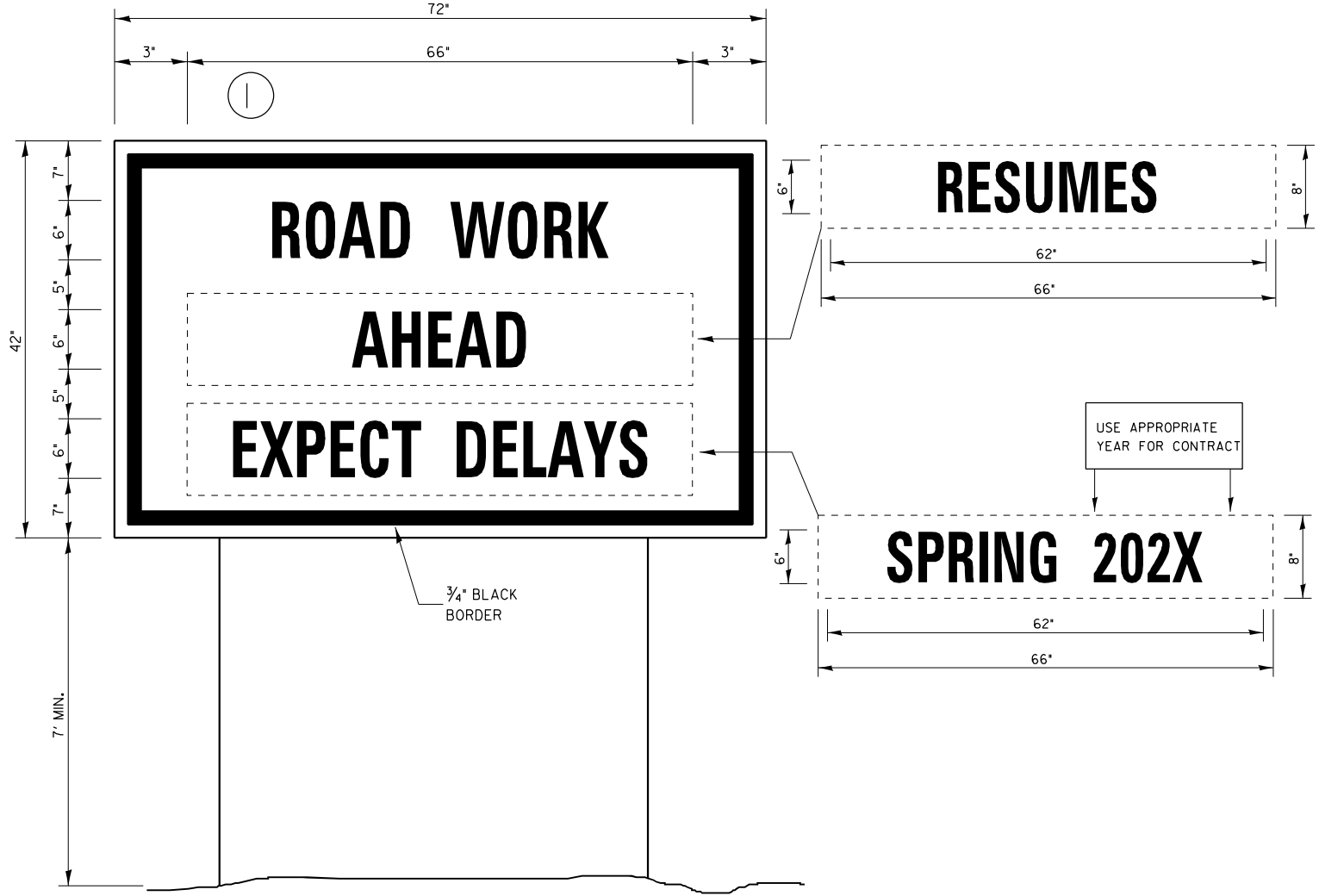
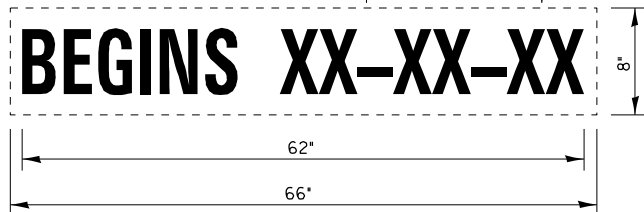
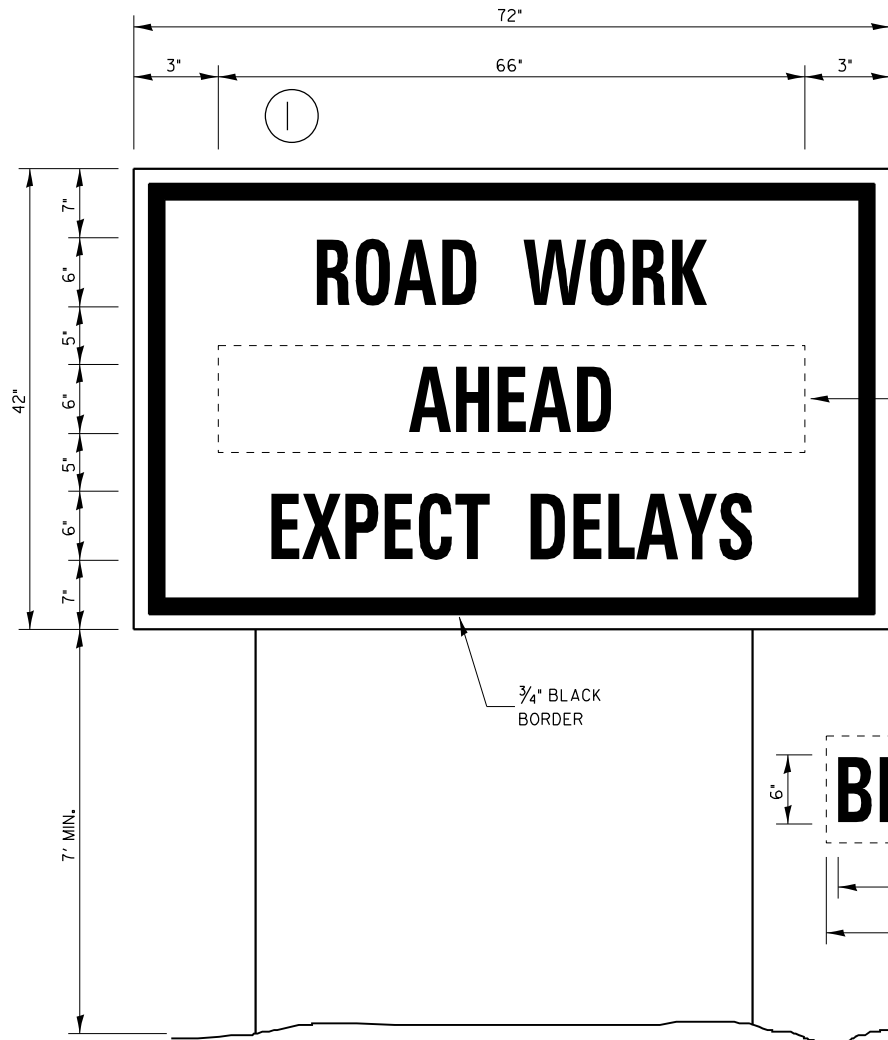
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
PLOT SCALE = 100,000 * / in.	DRAWN - RW	REVISED -
PLOT DATE = 3/24/2023	CHECKED - YP	REVISED -
	DATE - 9/26/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING DETAILS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	26
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING

WINTER SHUT DOWN SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

MODEL: D:\info\... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	CHECKED - YP	REVISED -
PLOT SCALE = 100,000' / in.	DATE - 9/26/2022	REVISED -
PLOT DATE = 3/23/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY INFORMATION SIGNING

SCALE: 50 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(111)CLV, CLV-1	LASALLE	28	28
CONTRACT NO. 66M76				
ILLINOIS FED. AID PROJECT				