04-29-2022 LETTING ITEM 110

INDEX OF SHEETS

- COVER SHEET
- GENERAL NOTES
- SUMMARY OF QUANTITIES TYPICAL ROADWAY SECTIONS
- SCHEDULES

000001-08

701001-02

701006-05

701201-05 701301-04

701901-08

862001-01 878001-11

1-800-892-0123

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- CONCRETE FOUNDATION TYPE "C"
- SIGN PANELS TYPE 2
- 10 12 . EXISTING PLAN DETAILS: LOCATION #1
- INTERSECTION IL RCUTE 47 AND PINE BLUFF ROAD

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS URBAN LANE CLOSURE, MULTILANE INTERSECTION

UNINTERRUPTABLE POWER SUPPLY, (UPS)

OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM

LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH

- EXISTING PLAN DETAILS: LOCATION #2 13 - 15 . INTERSECTION OF IL 47 AND SOUTHMOR ROAD
 - TEMPORARY INFORMATION SIGNING

STANDARDS

PAVEMENT EDGE

TRAFFIC CONTROL DEVICES

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION

PROJECT ENGINEER YOGESH PATEL P.E.

UNIT CHIEF RON WOODSHANK

DISTRICT 3 NO. (815) 434-6131 CONTRACT NO. 66M01

CONCRETE FOUNDATION DETAILS

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PROPOSED HIGHWAY PLANS

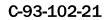
F.A.P. ROUTE 326 (IL 47)

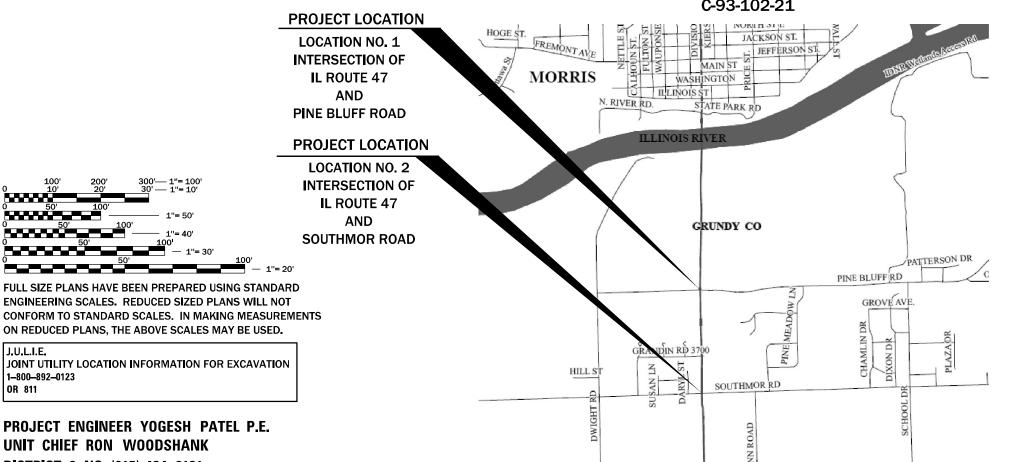
SECTION (111)ELE

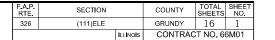
TRAFFIC SIGNAL CONTROLLER CABINET

AND SIGNAL HEAD REPLACEMENT

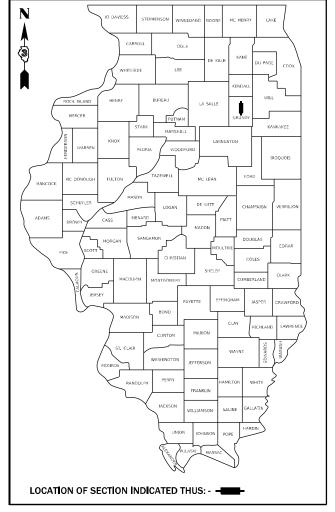
GRUNDY COUNTY







D-93-068-21



FUNCTIONAL CLASSIFICATION

LOCATION NO. 1 URBAN - OTHER PRINCIPAL ARTERIAL (OPA) F.A.P. ROUTE 326 (IL 47)

2019 ADT = 18900 2019 ADT = 13200 P.V. 87.3 % S.U. 6.6 % M.U. 6.1 % P.V. 88.2 % S.U. 4.2 % M.U. 7.6 %

URBAN PINE BLUFF ROAD

URBAN SOUTHMOR ROAD

URBAN - OTHER PRINCIPAL ARTERIAL (OPA

F.A.P. ROUTE 326 (IL 47)

LOCATION NO. 2

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBMITTED January 31, 20 22

REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

TRAFFIC SIGNAL GENERAL NOTES

- 1. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- 2. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT (815)434-8505 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
- 3. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
- 4. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED WITH THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.
- 5. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THEN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- 6. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
- 7. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
- 8. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
- ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM THE CONTROLLER TO SIGNAL, SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
- 10. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINETS WHILE WATCHING THE COMPONENTS IN THE CABINET.
- 11. THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CHORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTROLLER CABINET PAY ITEM.
- 12. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
- 14. ALL VEHICLE SIGNAL HEADS SHALL HAVE POLYCARBONATE BLACK HOUSING AND "STEEL OR ALUMINUM BACKPLATES PER ARTICLE 1078.01)f)"
- 15. THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER CABINET.
- 16. ALL UNINTERRUPTIBLE POWER SUPPLIES SHALL BE EQUIPPED WITH ALPHA GUARD MONITORS.
- 17. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 807 OF THE STANDARD SPECIFICATIONS.

TRAFFIC SIGNAL GENERAL NOTES CONT'D

- 18. THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
- 19. ALL EXCAVATED MATERIAL, WHICH INCLUDED DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUI
- 20. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE202,03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE EXCAVATION.
- 21. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- 22. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815)434-8417 TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.
- 23. ALL DAMAGE TO DEPARTMENT-OWNED UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRICAL CABLE WILL NOT BE ALLOWED. ELECTRICAL CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
- 24. ALL TRAFFIC SIGNAL CONTROLLERS SHALL INCLUDE NTCIP AND THE VIDEO DETECTION SHALL USE VIDEO "G".
- 25. WHENEVER THE CONTRACTOR IS WORKING, THE CONTRACTOR SHALL NECESSARY PRECAUTIONS FOR PEDESTIRAN TRAFFIC WITHIN THE WORK ZONE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

DENT ENGINEER / TECHNICIAN

COMMITMENTS

INSPECTORS:

SCALE:

START & END DATES OF CONSTRUCTION:

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER

DATE:

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 GENERAL NOTES
 F.A.P. RTE.
 SE

 326
 (1'

FILE NAME: pw:\\ildot_pw.l

					100% STATE
[TRAFFIC SIGNALS
	CODE			TOTAL	0021
	NO.	I T EM	UNIT	QUANTITY	URBAN
	67100100	MOBILIZATION	L SUM	1	1
	70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	2	2
*	72000200	SIGN PANEL - TYPE 2	SQ FT	86	86
	72400220	DEMOVE CLON DANEL TYPE 3	50 FT	0.6	0.5
*	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	86	86
	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2
	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2	2
	86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	2	2
	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	7	7
	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5	5
	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	22	22
	88040150	CLONAL HEAD DOLVCARRONATE LED 1 FACE E CECTION DRACKET MOUNTED	FACIL	2	2
	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3	3
	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3	3
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	2
	X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	2	2

*= SPECIALTY ITEM

USER NAME = woodshankr	DESIGNED	-	RW	REVISED	-
	DRAWN	-	RW	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	YP	REVISED	-
PLOT DATE = 1/22/2022	DATE	-	9/18/2021	REVISED	-

STATE OF	: ILLINOIS
DEPARTMENT OF	TRANSPORTATION

								F.A.P. RTE.	SEC.	TION		COUNTY	TOTAL SHEETS	SHEE'
		SU	MMAI	RY OF	Qυ	ANTITIES		326	(111)ELE		GRUNDY	16	3	
												CONTRAC	T NO. 66	3M01
SHEET 1	1 OF 2 SHEETS STA.		TO STA.	ILLINOIS		ILLINOIS	FED. A	ID PROJECT						

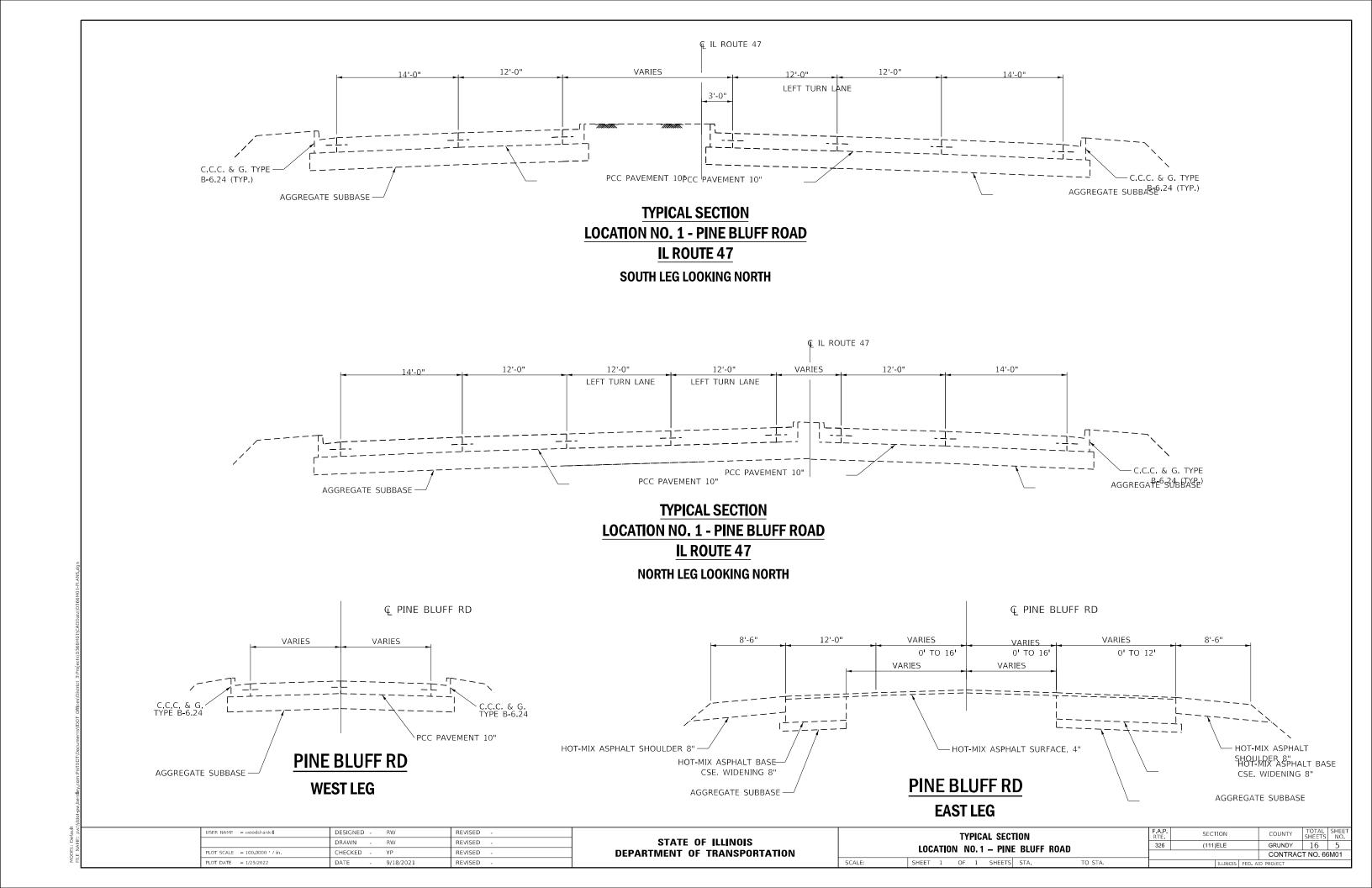
CONSTRUCTION CODE
CONTRACT MAINTENANCE

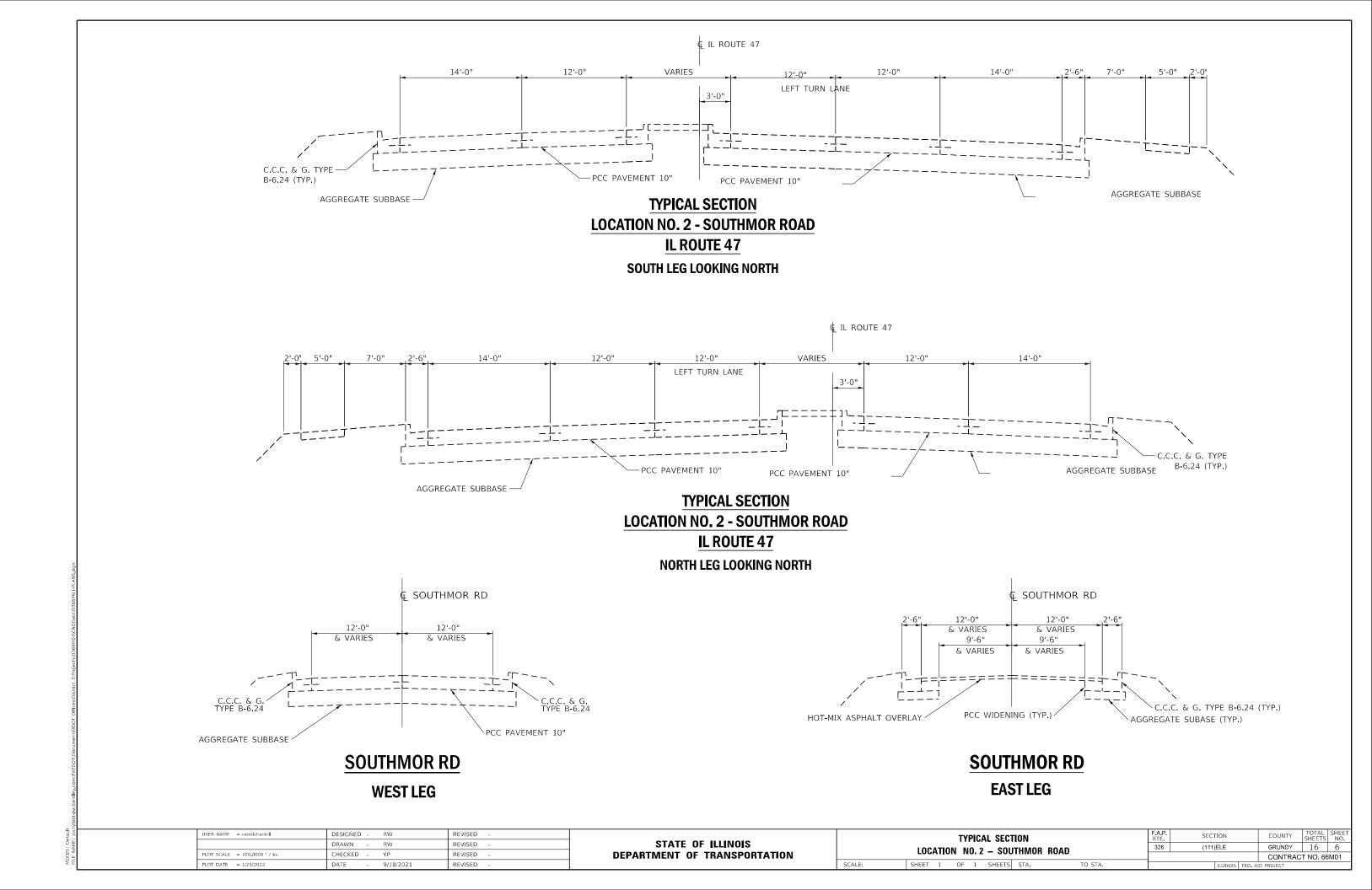
				CONSTRUCTION CODE
				CONTRACT MAINTENANCE
				100% STATE
				TRAFFIC SIGNALS
CODE			TOTAL	0021
NO.	ITEM	UNIT	QUANTITY	URBAN
X1400318	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	33	33
X7010101	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	EACH	2	2
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	168	168
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	2	2
Z0073509	PERMANENT TRAFFIC SIGNAL TIMING	EACH	2	2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. SECTION COUNTY TOTAL SHEETS NO.
326 (111)ELE GRUNDY 16 4
CONTRACT NO. 66M01





SCHEDULES - CONTROLLER CABINET

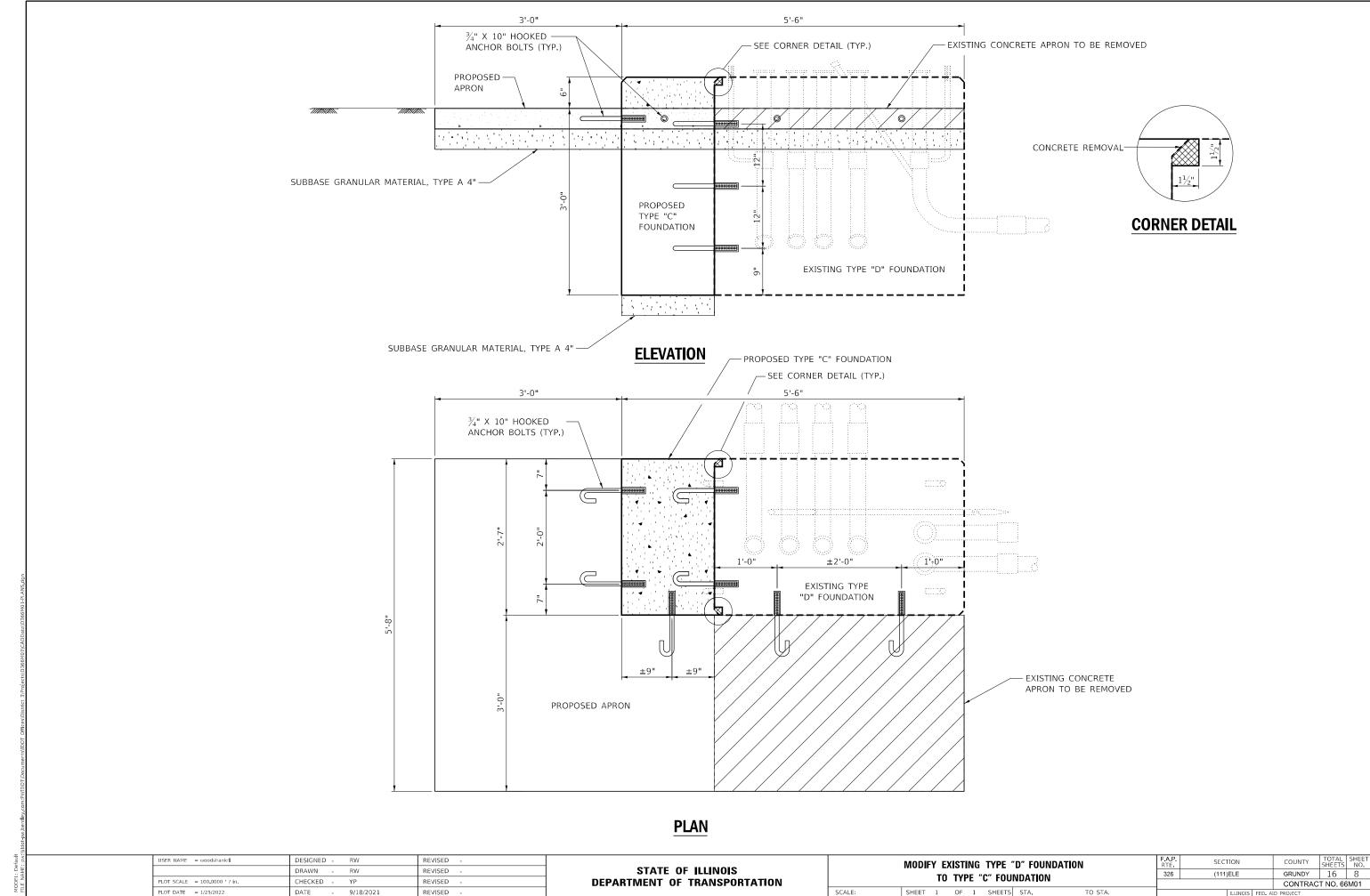
LOCATION	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	CONCRETE FOUNDATION TYPE "C"	FULL ACTUATED CONTROLLER AND TYPE IV CABINET	UNINTERRUPTED POWER SUPPLY EXTENDED	REMOTE CONTROLLED VIDEO SYSTEM		VIDEO VEHICLE DETECTION SYSTEM
	EACH	EACH	FEET	EACH	EACH	EACH	EACH	EACH
LOCATION #1: IL ROUTE 47 AND PINE BLUFF ROAD	1	1	3.5	1	1	1	1	1
LOCATION #2: IL ROUTE 47 AND SOUTHMOR ROAD	1	1	3.5	1	1	1	1	1
TOTAL	2	2	7	2	2	2	2	2

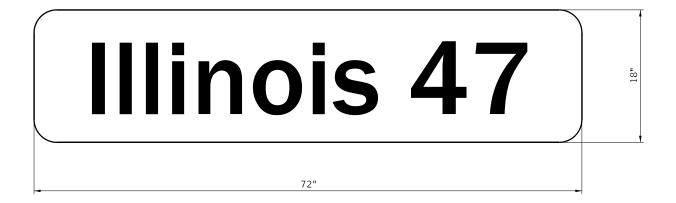
SCHEDULES - SIGNAL HEADS

		CHEDULES - 31	GNAL HEADS		
	SIGNAL	SIGNAL	SIGNAL	SIGNAL	TRAFFIC
	HEAD	HEAD	HEAD	HEAD	SIGNAL
	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	BACKPLATE
LOCATION	LED	LED	LED	LED	LOUVERED
LOCATION	1-FACE	1 - FACE	1-FACE	1 - FACE	FORMED
	3-SECTION	3-SECTION	5 - SECTION	5 - SECTION	PLASTIC
	BRACKET	MAST ARM	BRACKET	MAST ARM	SPECIAL
	MOUNTED	MOUNTED	MOUNTED	MOUNTED	
	EACH	EACH	EACH	EACH	EACH
LOCATION #1: IL ROUTE 47 AND PINE BLUFF ROAD	5	12	1	1	19
LOCATION #2: IL ROUTE 47 AND SOUTHMOR ROAD		10	2	2	14
TOTAL	5	22	3	3	33

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MODEL: Default





0.8" BORDER 8" D SERIES LETTERS

4 SIGNS REQUIRED = 2 SIGN PANELS AT PINE BLUFF ROAD = 9.0 SQ FT EACH = 18 SQ FT TOTAL 2 SIGN PANELS AT SOUTHMOR ROAD = 9.0 SQ FT EACH = 18 SQ FT TOTAL

0.8" BORDER

8" D SERIES LETTERS

2 SIGNS REQUIRED = 2 SIGN PANELS AT PINE BLUFF ROAD = 12.5 SQ FT EACH = 25 SQ FT TOTAL

0.8" BORDER
8" D SERIES LETTERS
2 SIGNS REQUIRED = 2 SIGN PANELS AT SOUTHMOR ROAD = 12.5 SQ FT EACH = 25 SQ FT TOTAL

Pine Bluff Road

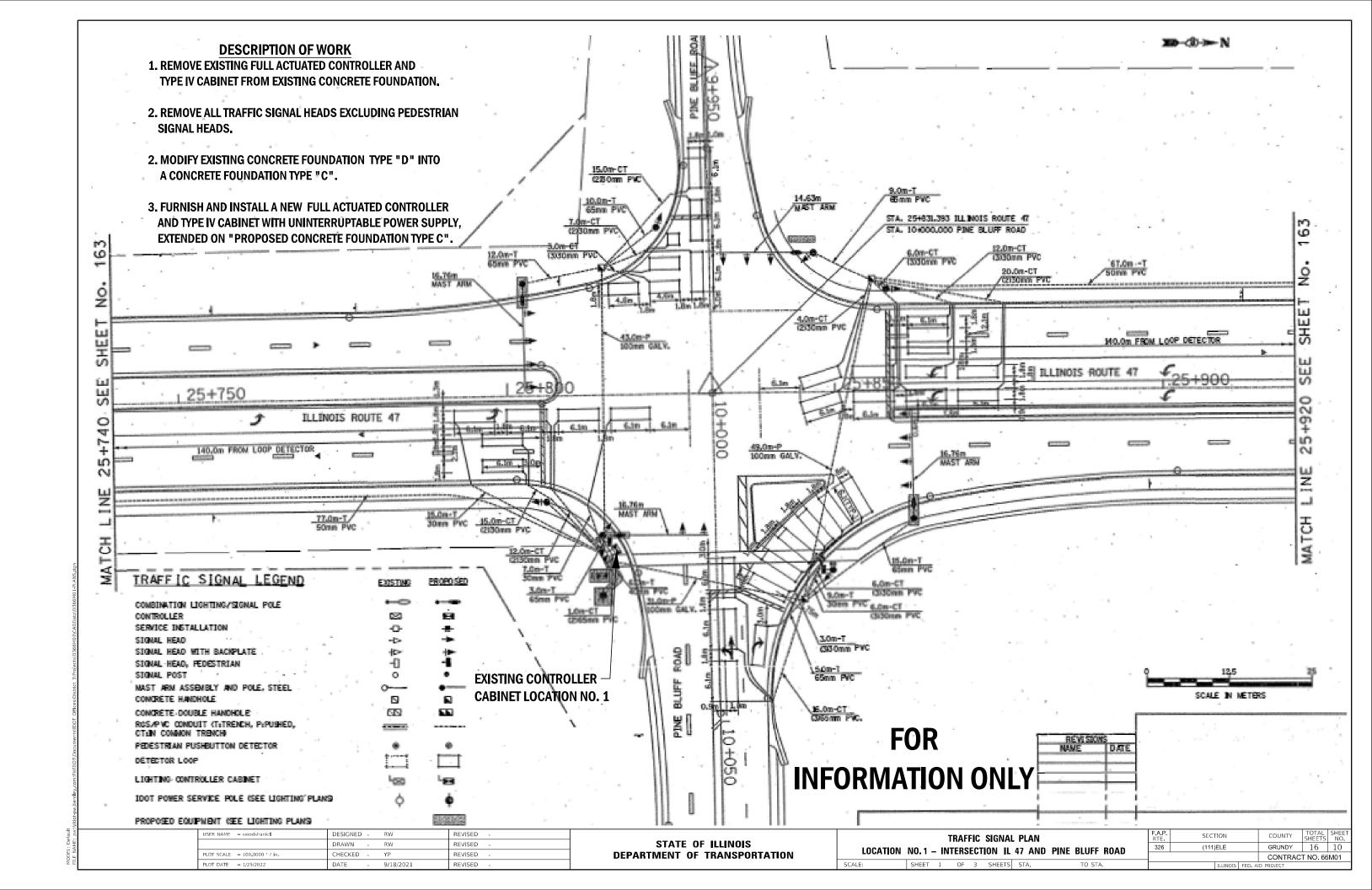
60"

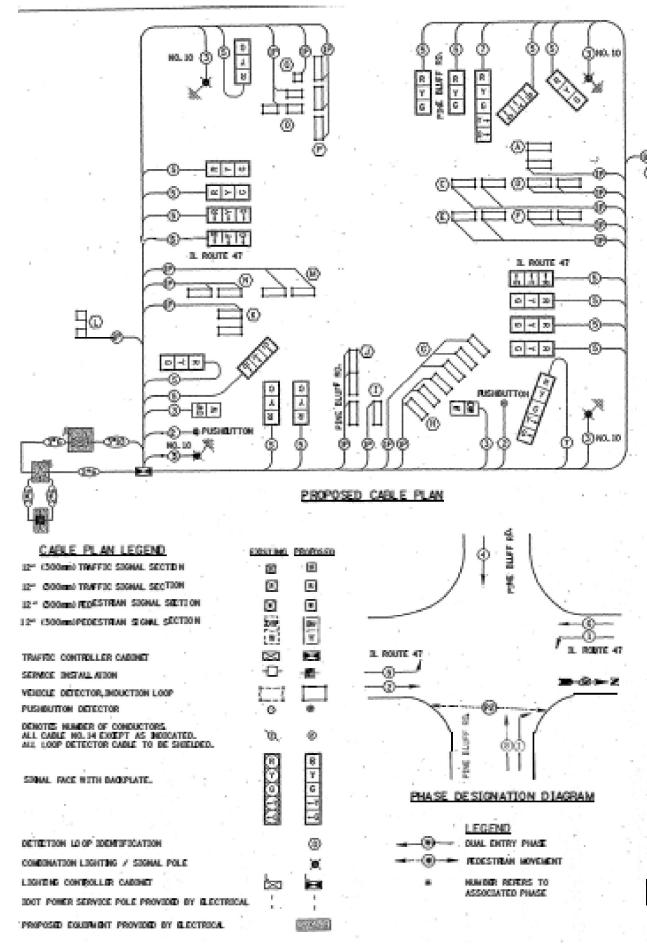


USER NAME = woodshankr	DESIGNED	-	RW	REVISED	-
	DRAWN	-	RW	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	YP	REVISED	-
PLOT DATE = 1/25/2022	DATE	-	9/18/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		_			.=			F.A.P. RTE	SECT	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEE NO.
SIGN PANELS – TYPE 2									26 (111)ELE			GRUNDY	16	9
												CONTRAC	T NO. 66	3M01
	SHEET	1	OF	1	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		





ELECTRICAL LOAD CHART

	_	MATTAGE	Total Section 1					
STIGNAL SECTION	NAMES	EACH	Part of					
RED .	7	135	65					
YELLOW	7	135	. 5					
GREEN	4	155	30					
YELLOW ARROW	.0	- "	5					
GRIEDI ARRON	3	.135	5					
	PONE DILIFF	ROW .						
TTEM	NUMBER:	MATTAGE.	1000					
RED .	- 30 -	155	75					
ARIT OM	30 -	135	. 5					
CERCON	7	135	. 20					
ARTT OIL VISION	. 2	135	. 5					
GREEN AFFOR	6	125	5					
MALK	. 2	116	20					
DON'T WALK	2	116	. 00					
TRAFFIC SIGNAL CARDINET								
SIGNAL SECTION	NUMBER	MATTERSE.	The local					
CONTROLLER	-1	6	100					
LOOP OFTETORS	29	4 1	100					
HOOM	му цжита	66						
TTEM	HUMBER	EACH	BE'a					
CONTROLLER	1	6	100					
LUMDHADE	4 4	310	45					

DETECTOR LOOP INDUCTANCE CHART

LOOP SYSTEM	PHASE NO.	INDET.	OF TURKS	DEUCTANCE GMB	PROTECTION (1907)	U PON STATUS
A	6	50	4	965	25,234	OFF
0	6	SD FAR	6	.00	23.957	084
C	1	SOLT FR	4	26	25,234	ON
D	1	1 SOLT FR	4	965	25,234	.014
E	1	SOLT OK	4	96	25,234	1001
F.	1	SOLT DK	. 4	96	25,234	084
6	1	MD RIFE	4	. 000	PLATE	OFF
И	1	MR RTDK	4	808	21.471	OFF
Ι.	. 1 .	NO RT	4 7	540	26,072	ON
J.	0	110	4	808	21.471	084
E	2	MD	4	504	26,662	OH
L	2 ,	HD FAR	6.	614	24.631	084
M	5 -	HOLT FR	. 4	534	26.662	06
H.	5	HOLT DK	. 4	534	26,662	OH.
0	4 .	ED RIFR	4	667	25,632	OF
P	4	60	4	0.7	21.353	OH
0 .	- 4	CO RTOK	1.4	. 125	40,065	. OFF

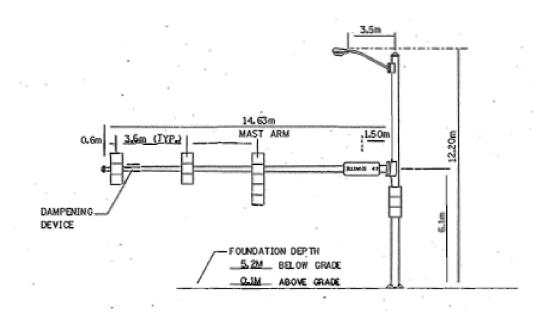
J PON STATUS.
"ON" MEANS STANDARD DETECTOR SETUP.
"OFF" MEANS THE J HORE HAS BEEN DESCONMENTED. BUT INTACT AT THE HAPPESS PANEL WITH THE NECESSARY SPACE CONNECTION

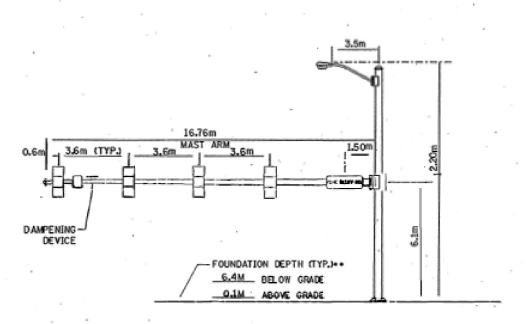
FOR INFORMATION ONLY

USER NAME = woodshankr	DESIGNED	-	RW	REVISED	-
	DRAWN	-	RW	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	YP	REVISED	-
PLOT DATE = 1/22/2022	DATE		9/18/2021	REVISED	-

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

		1	ΓRAF	FIC	SIGNAL	PLAN	F.A.P. RTE				COUNTY	TOTAL SHEETS	SHEET NO.	
LOCATION	LOCATION NO.1 - INTERSECTION IL 47 AND PINE BLUFF ROAD								(111)ELE		GRUNDY	16	11
LUCATION NO. 1 - INTERSECTION IL 47 AND FINE BLUFF NUAD												CONTRAC	T NO. 66	6M01
:	SHEET	2	OF	3	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT					

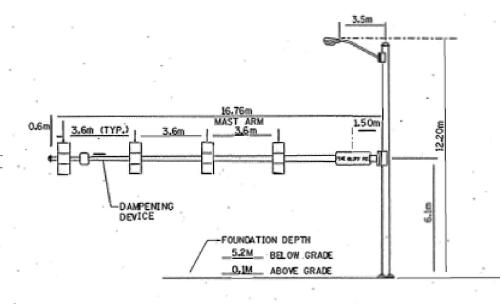




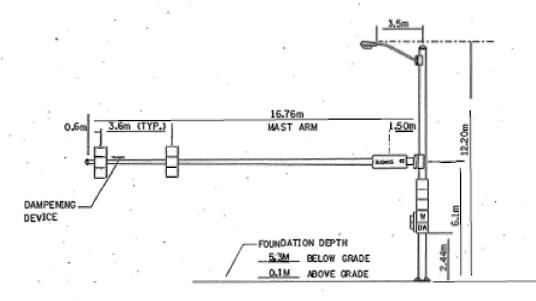
(South West) QUADRANT

(North West) QUADRANT

WORD "GRADE" IS TO BE INTERPRETED AS TOP OF CURB. TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN 100mm ABOVE THE SUPROUNDING GROUND. THE SOIL CONDITIONS ARE UNSTABLE. THE CONTRACTOR MAY

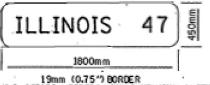


(North East) QUADRANT



(South East) QUADRANT

FOR INFORMATION ONLY



19mm (0.75") BORDER 200mm (8") D SERIES LETTERS-HIGH INTENSITY SHEETING 2 SIGNS 0.81 Sq.m Eo = 1,62 Sq.m

TYPE-1

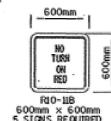


19mm (0.75") BORDER 200mm (8") D SERIES LETTERS-HIGH INTENSITY SHEETING 2 SIGNS REQUIRED 1.35 Sq.m Eo = 2.70 Sq.m

TYPE-2



ONE SIGN SHALL BE LOCATED 150 TO 300 TO THE RIGHT OF THE MAST ARM MOUNTED LEFT TURN SIGNAL, A SECOND SIGN SHALL BE LOCATED DIRECTLY BELOW AND PARALLEL TO THE BACKPLATE OF EACH POST BRACKETED 3 SECTION LEFT TURN ARROW SIGNAL.



TOTAL AREA = 180 Sq. m

JSER NAME = woodshankr DESIGNED -REVISED DRAWN RW REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

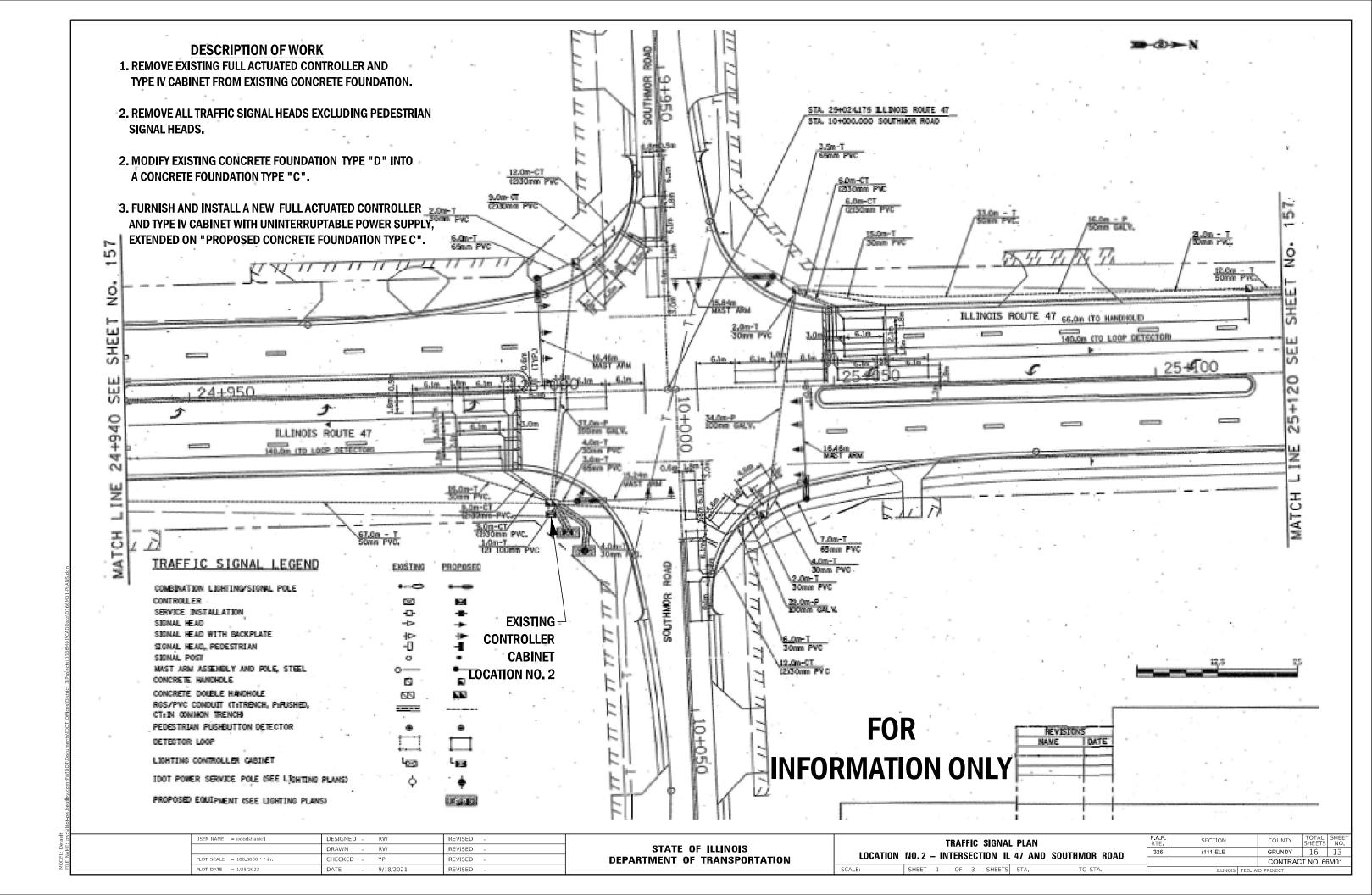
"INSTALL AND ORIENT ARM BRACKET OVER POLE TENON AND FIRMLY HAND TIGHTEN THE TWO SET SCREWS. USE THERD HOLE IN ARM BRACKET AS A QUIDE TO DRILL A 8.3 (21/64 DIAMETER HOLE THROUGH TENON, INSTALL AND TIGHTEN SELF TAPPING SCREW, TIGHTEN SET SCREWS ON ADDITIONAL

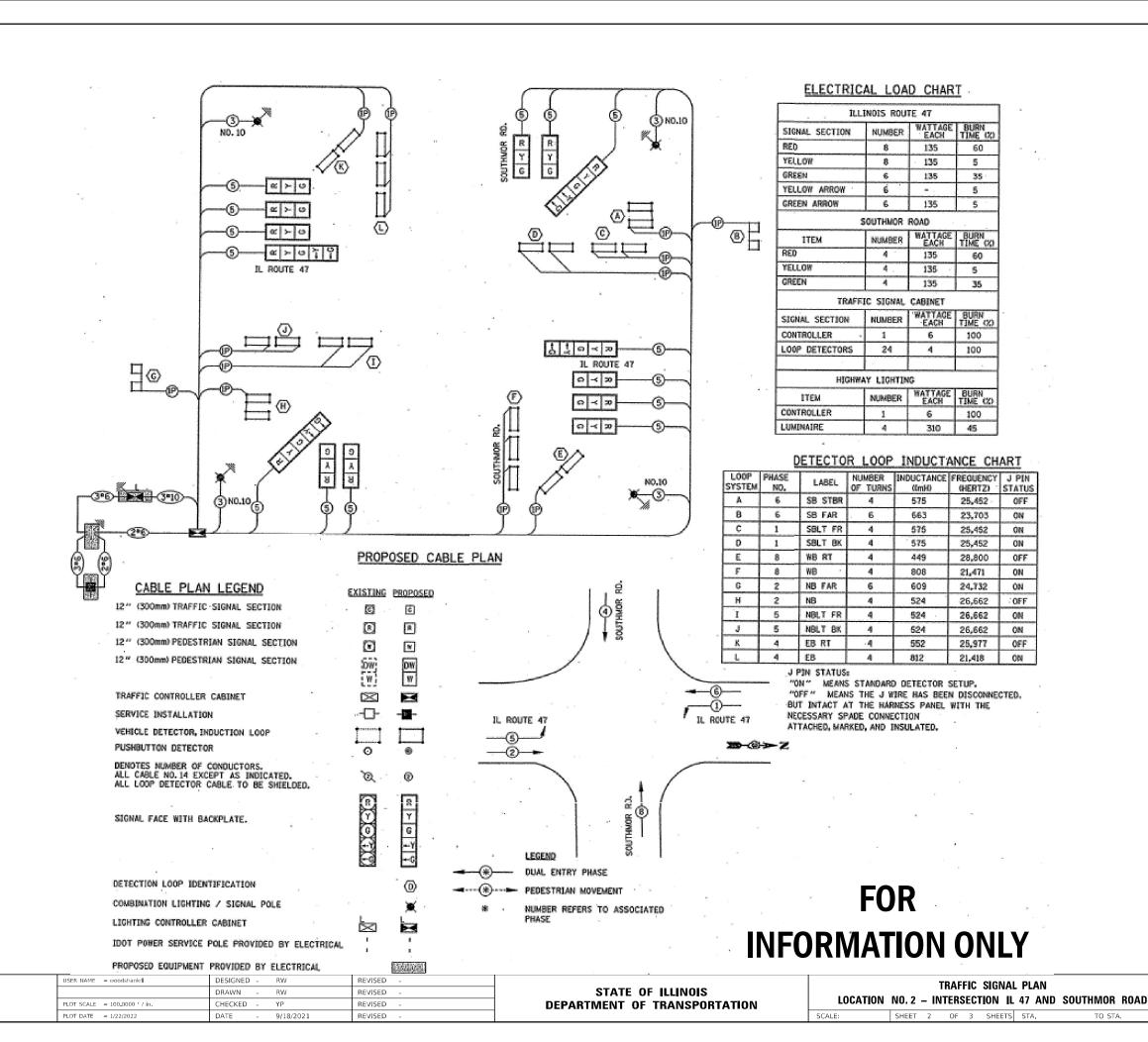
(1/4 TO 3/8) TURN WITH HEX KEY ONCT PROVIDED. INSTALL LOCKNUT ON SET SCREWS IF THREADED PROJECTION ALLOWS."

POLE SHALL MEET AASHTO STANDARD SPECIFICATIONS FOR 128.72 Km (80 mph) WIND LOADING AND 40.82 Kg (90 lb.), 37 m2 (4.0 Sq. ft.) E.P.A. LUMINAIRE.

			TRAF	FIC	SIGNAI	. PLAN		F.A.P. RTE	SEC ⁻	ΠΟN		COUNTY	TOTAL SHEETS	SHEET NO.
LOCATION	NO 1	_ INI	TERS	FCT	TION II	//7 AND	DINE RILIEF ROAD	326	(111	ELE		GRUNDY	16	12
LOCATION NO.1 – INTERSECTION IL 47 AND PINE BLUFF ROAD											CONTRAC	T NO. 66	3M01	
:	SHEET	3	OF	3	SHEETS	STA.	TO STA.			TELINOIS	FED. AI	D. PROJECT	-	

REVISED





SECTION

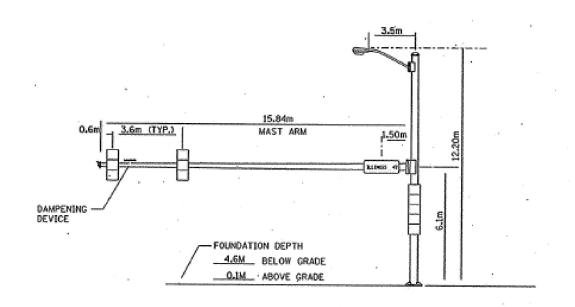
(111)ELE

GRUNDY 16 14

CONTRACT NO. 66M01

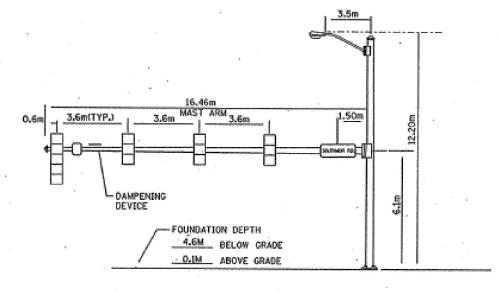
326

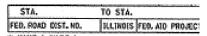
MODEL: Default FILE NAME: ow:Wildot∺



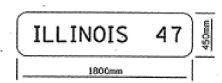
(North West) QUADRANT

1.50m





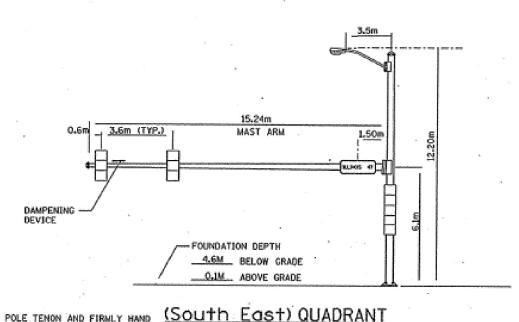
* (111)R-1, MARS-1

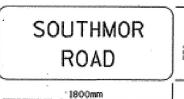


19mm (0.75") BORDER
200mm (8") D SERIES LETTERS-HIGH INTENSITY SHEETING
2 SIGNS REQUIRED
0.81 Sq.m Eq = 1.62 Sq.m

TYPE-1

(North East) QUADRANT





19mm (0.75") BORDER 200mm (8") D SERIES LETTERS-MIGH INTENSITY SHEETING 2 SIGNS REDUIRED 1.35 Sq.m Eo = 2.70 Sq.m

TYPE-2



R10-12 600mm × 750mm 2 SIGNS REQUIRED TOTAL AREA = 0.9 Sq. m

THIS SIGN SHALL BE LOCATED 150 TO 300 TO THE RIGHT OF THE MAST ARM MOUNTED LEFT TURN SIGNAL.

RIO-IIB GOOMM X GOOMM 4 SIGNS REQUIRED TOTAL AREA = 1.44 Sq. m O 10.0 SCALE IN METERS

(South West) QUADRANT

FOUNDATION DEPTH (TYP.)++

4.6M... BELOW GRADE

O.IM ABOVE GRADE

WORD "GRADE" IS TO BE INTERPRETED AS TOP OF CURB.
TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN
100mm ABOVE THE SURROUNDING GROUND.

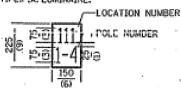
- DAMPENING

DEVICE

3.6m(TYP.)

 THE SOIL CONDITIONS ARE UNSTABLE. THE CONTRACTOR MAY NEED TO USE CASINGS FOR ALL FOUNDATIONS "INSTALL AND ORIENT ARM BRACKET OVER POLE TENON AND FIRMLY HAND TIGHTEN THE TWO SET SCREWS, USE THIRD HOLE IN ARM BRACKET AS A GUIDE TO ORILL, A 8.3 (21/64) DIAMETER HOLE THROUGH TENON, INSTALL AND TIGHTEN SELF TAPPING SCREW, TIGHTEN SET SCREWS ON ADDITIONAL (1/4 TO 3/8) TURN WITH HEX KEY (NOT PROVIDED). INSTALL LOCKMUT ON SET SCREWS IF THREADED PROJECTION ALLOWS."

POLE SHALL MEET AASHTO STANDARD SPECIFICATIONS FOR 128.72 Km (80 mph) WIND LOADING AND 40.82 Kg (90 mb.), .37 mm2 (4.0 Sq. ft.) E.P.A. LUMINAIRE.



FOR INFORMATION ONLY

USER NAME = woodshankr	DESIGNED -	RW	REVISED -
	DRAWN -	RW	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	YP	REVISED -
BLOT BATE 1/22/2022	DATE	0/10/2021	DEMCED.

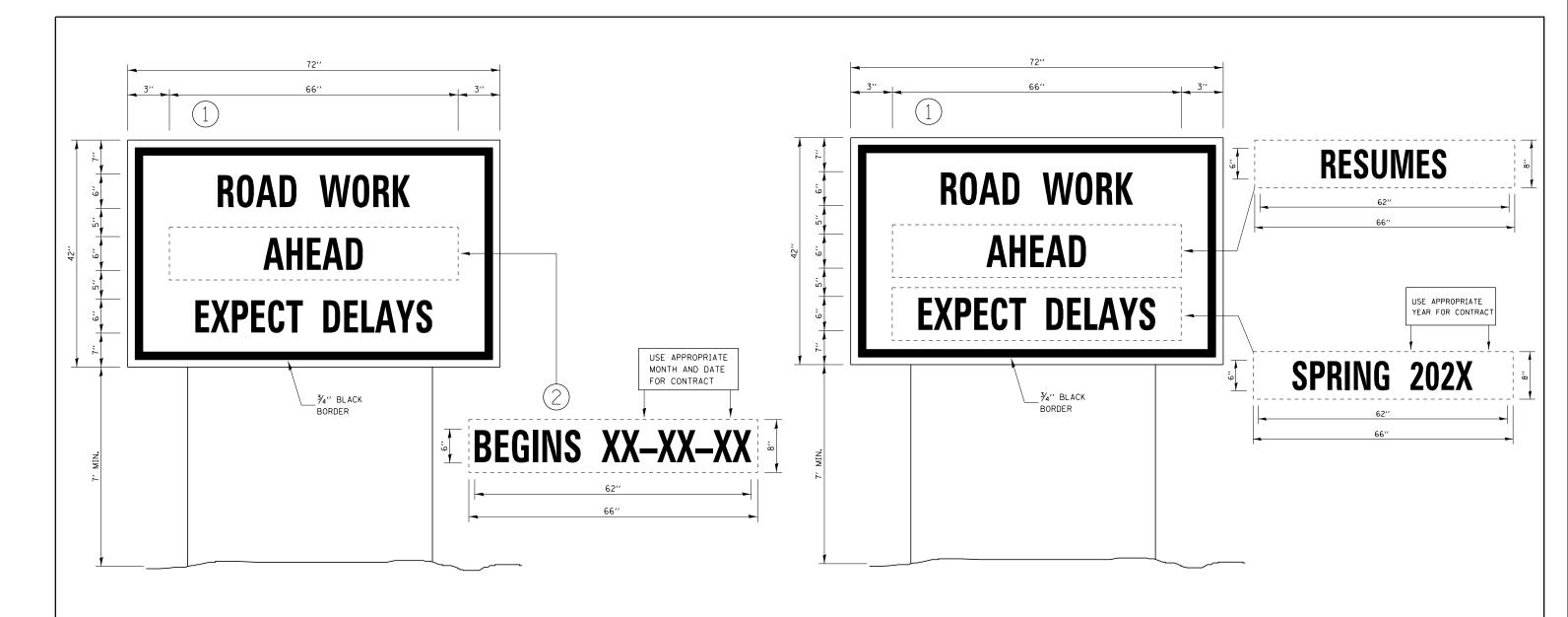
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	FIC	SIGNA	F.A.P. RTE	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.					
LOCATION NO. 2 - INTERSECTION IL 47 AND SOUTHMOR ROAD									6 (111)ELE			GRUNDY	16	15
												CONTRAC	T NO. 66	SM01
ALE:	SHEET	3	OF	3	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT					

FILE NAME: pw:\\ildot+

MOTE

DEP



TEMPORARY INFORMATION SIGNING

WINTER SHUT DOWN SIGNING

NOTES:

- 1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN() 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 SO FT AS "TEMPORARY INFORMATION SIGNING".
 EACH SIGN = 21 SO FT AND THE DATE PANEL (2) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

USER NAME = woodshankr	DESIGNED -	-	RW	REVISED	-
	DRAWN	-	RW	REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-	YP	REVISED	-
PLOT DATE = 1/22/2022	DATE	-	9/18/2021	REVISED	_

STATE (OF ILLINOIS
DEPARTMENT O	F TRANSPORTATION

								F.A.P. RTE				TOTAL SHE	
								326	(111)ELE		GRUNDY	16	16
											CONTRAC	T NO. 66	SM01
HEET	1	OF	1	SHEETS	STA.		TO STA.	ILLINOIS FED. AID PROJECT					