INDEX OF SHEETS 15-HSRT3-02-RR STATE OF ILLINOIS 03-03-2017 LETTING ITEM 130 **DEPARTMENT OF TRANSPORTATION** DOT#294294Y HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS MP 184.10 D-96-226-15 **DIVISION OF HIGHWAYS** SUMMARY OF QUANTITIES TRAFFIC SIGNAL PLAN **PROPOSED** SIGNING AND PAVEMENT MARKING PLAN TRAFFIC SIGNAL CABLE DIAGRAM AND SCHEDULE OF QUANTITIES **HIGHWAY PLANS** TRAFFIC SIGNAL SEQUENCE OF OPERATION RAILROAD PREEMPTION SEQUENCE OF OPERATION F.A.U. ROUTE 7972 (N. GRAND AVENUE) CONDUIT INSTALLATION UNDER RAILROAD TRACKS DETAIL SECTION 15-HSRT3-02-RR TRAFFIC CONTROL AND PROTECTION, STANDARD 701701, SPECIAL 12 **PROJECT** VIDEO VEHICLE DETECTION SYSTEM INSTALLATION DETAIL INTERCONNECT MODIFICATIONS RAILROAD CANTILEVER SIGNAL HEAD MOUNTING DETAIL SANGAMON COUNTY / CITY OF SPRINGFIELD END PROJECT N. 6TH STREET C-96-226-15 STA, 99 + 67.00 **FUNCTIONAL CLASSIFICATION** R5W URBAN MINOR ARTERIAL (N. GRAND AVENUE) 2013 ADT = 13,700P.V. = NA S.U. = NA M.U. = NA**LOCATION MAP** URBAN MINOR ARTERIAL (N. 6TH STREET) END PROJECT 2013 ADT = 3,300N. GRAND AVENUE LOCATION OF SECTION INDICATED THUS: - -P.V. = NA S.U. = NA M.U. = NASTA. 51 + 07.00 **BEGIN PROJECT** N. GRAND AVENUE STA. 48 + 31.00 **FINAL** SEHRMAI BEGIN PROJECT STATE OF ILLINOIS N. 6TH STREET DEPARTMENT OF TRANSPORTATION STA.98 + 80.00**DIVISION OF HIGHWAYS** FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD 3rd P.M. ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CITY OF SPRINGFIELD CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED. NET LENGTH **GROSS LENGTH** JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 276.00 FT (0.052 MI) 276.00 FT (0.052 MI) N. GRAND AVENUE 87.00 FT (0.016 MI) 1-800-892-0123 N. 6TH STREET PROJECT TOTAL 363.00 FT (0.068 MI) 363.00 FT (0.068 MI) DISTRICT 6 NO. (217) 782-7301 PROJECT ENGINEER: JAY WAVERING (217) 785-9046 PRINTED BY THE AUTHORITY **TOWNSHIP: CAPITAL** DATE: 12/22/2016 MATTHEW J. LETOURNEAU

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CONTRACT NO. 93639

OF THE STATE OF ILLINOIS 303 E. WACKER DRIVE, SUITE 1400 CHICAGO, ILLINOIS 60601 IL. REG. P.E. NO. 062-055763

EXPIRES: 11/30/2017

SANGAMON 14 1

CONTRACT NO. 93639

DOT#294295F

MP 184.15

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701601-09	URBAN LANE CLOSURE, MULTILANE, IW OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
878001-10	CONCRETE FOUNDATION DETAILS

GENERAL NOTES

- 1. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET. THE CONTRACTOR SHALL DEVELOP A PLAN TO ACCOMPLISH THIS WORK AND MINIMIZE DISRUPTION OF VEHICULAR, RAIL, AND PEDESTRIAN TRAFFIC. THIS PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- 2. ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- 3. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
- 4. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION PRIOR TO CONSTRUCTION.
- 6. BEFORE STARTING ANY WORK, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (MINIMUM 48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR SHALL CALL THE UNION PACIFIC "CALL BEFORE YOU DIG" OPERATION AT 1-800-336-9193 FOR FIELD LOCATIONS OF UNION PACIFIC OWNED BURIED FIBER OPTIC CABLES IN UNION PACIFIC RIGHT OF WAY.
- 7. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
- 1. AMEREN ILLINOIS
- 2. AT&T
- 3, CITY OF SPRINGFIELD, PUBLIC WORKS
- 4. CITY WATER LIGHT AND POWER
- 5. COMCAST
- 6. SPRINGFIELD METRO SANITARY DISTRICT
- 7. SPRINT

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- 8. NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
 1. UNION PACIFIC RAILROAD COMPANY (FIBER OPTIC)
 - 2. UNION PACIFIC RAILROAD, IL HSR PROGRAM (RAILROAD SIGNALS)
- 9. THE CONTRACTOR SHALL COORDINATE WITH THE UPRR SIGNAL DEPARTMENT FOR ITEMS REMOVED OR INSTALLED BY THE UPRR SIGNAL DEPARTMENT.
- 10. UPRR FLAGGERS SHALL BE PRESENT WHEN WORKING WITHIN THE UPRR RIGHT-OF-WAY. THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH JOHN JEROME, UPRR, VIA E-MAIL AT JRJEROME@UP.COM TO ASSURE THAT FLAGGERS ARE PRESENT DURING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 11. FOR STABILIZATION, ALL TYPE 111 BARRICADES (WHERE NEEDED) SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- 12. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. THE AREAS TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT-OF-WAY. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE FNGINEFR.
- 13. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "MODIFY EXISTING CONTROLLER FOUNDATION".
- 14. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER SHOWN IN THE LIST OF HIGHWAY STANDARDS INCLUDED ON THIS SHEET OR REFERENCED IN THESE PLANS.
- 15. THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER, NO EXTRA COMPENSATION SHALL BE ALLOWED THE CONTRACTOR FOR THIS WORK.
- 16. THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. REDUCED SIZED PLANS CAN BE PRINTED TO SCALE FOR USE IN THE FIELD.
- 17. WHERE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED OF ANY SECTION OR SUB-SECTION MONUMENTS, BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

COMMITMENTS

NONE.

December 22, 2016

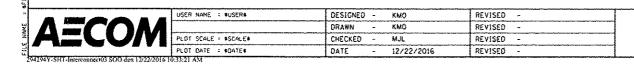
SCALE: NONE

SUMMARY OF QUANTITIES

CONSTRUCTION CODE
SIGNALS
N. GRAND AVE.

				N. GRAND AVE
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	100% HSR
				0021
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	55	55
25200100	SODDING	SO YD	55	55
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	265	265
42400800	DETECTABLE WARNINGS	SO FT	10	10
44000600	SIDEWALK REMOVAL	SO FT	265	265
67100100	MOBILIZATION	LSUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2
72000100	SIGN PANEL - TYPE 1	SQ FT	24	24
81028350	UNDERGROUND CONDUIT, PVC. 2" DIA.	FOOT	60	60
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	44	44
81028370	UNDERGROUND CONDUIT, PVC. 3" DIA.	FOOT	15	15
81028390	UNDERGROUND CONDUIT, PVC. 4" DIA.	FOOT	230	230
81400100	HANDHOLE	EACH	3	3

^{*} DENOTES SPECIALTY ITEM



SCALE: NONE

SUMMARY OF QUANTITIES

SIGNALS
N. GRAND AVE.

			TOTAL	100% HSR
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	0021
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
85900100	TRANSCEIVER	EACH	1	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1248	1248
87301715	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 6 PAIR	FOOT	206	206
87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	242	242
87502630	TRAFFIC SIGNAL POST, ALUMINUM 9 FT.	EACH	1	1
87502680	TRAFFIC SIGNAL POST. ALUMINUM 14 FT.	EACH	1	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8	8
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	4
87900200	DRILL EXISTING HANDHOLE	EACH	· ·	1
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4	4
88500100	INDUCTIVE LOOP DETECTOR	EACH	17	17
89502215	MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	206	206

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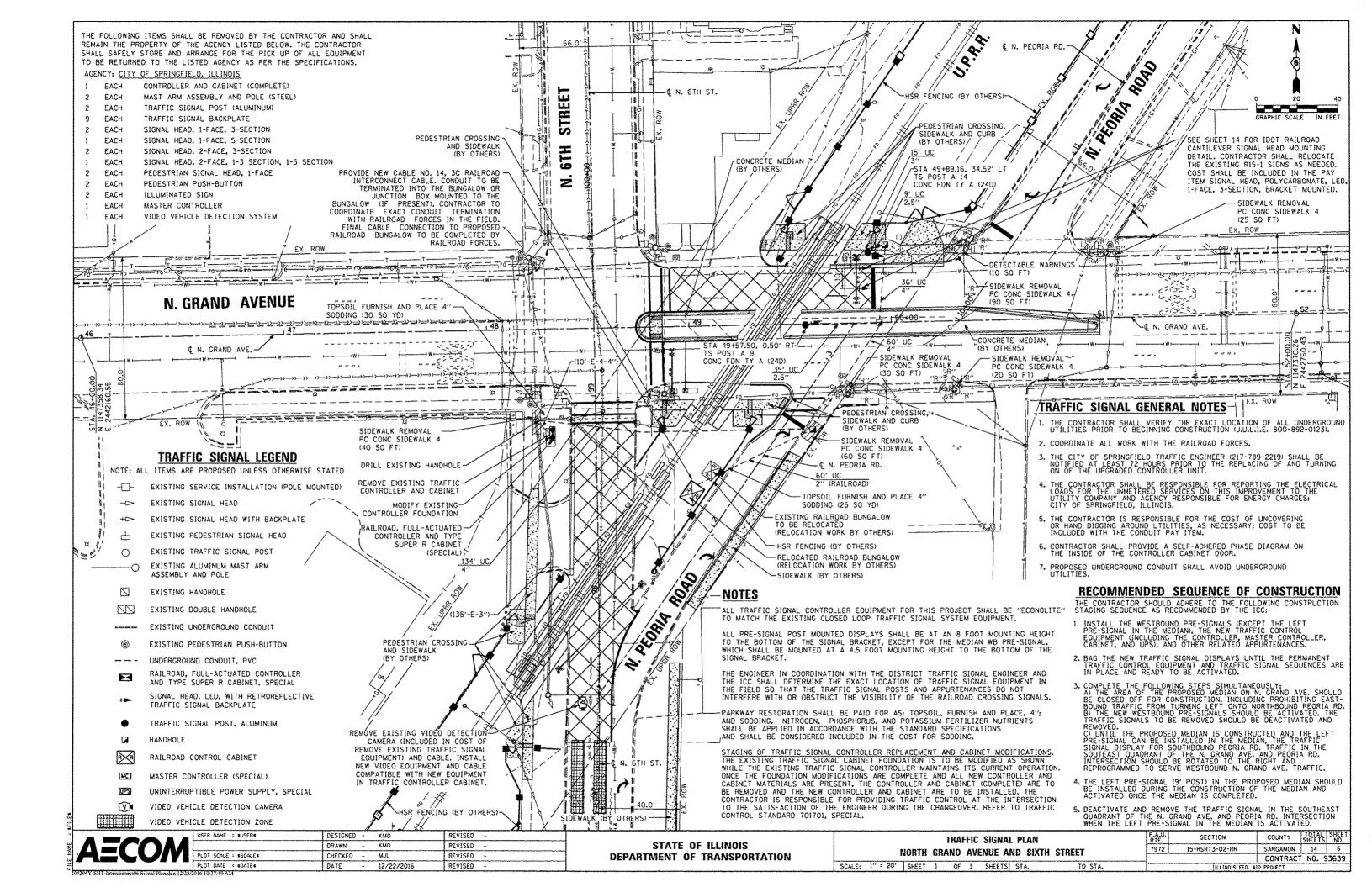
SUMMARY OF QUANTITIES

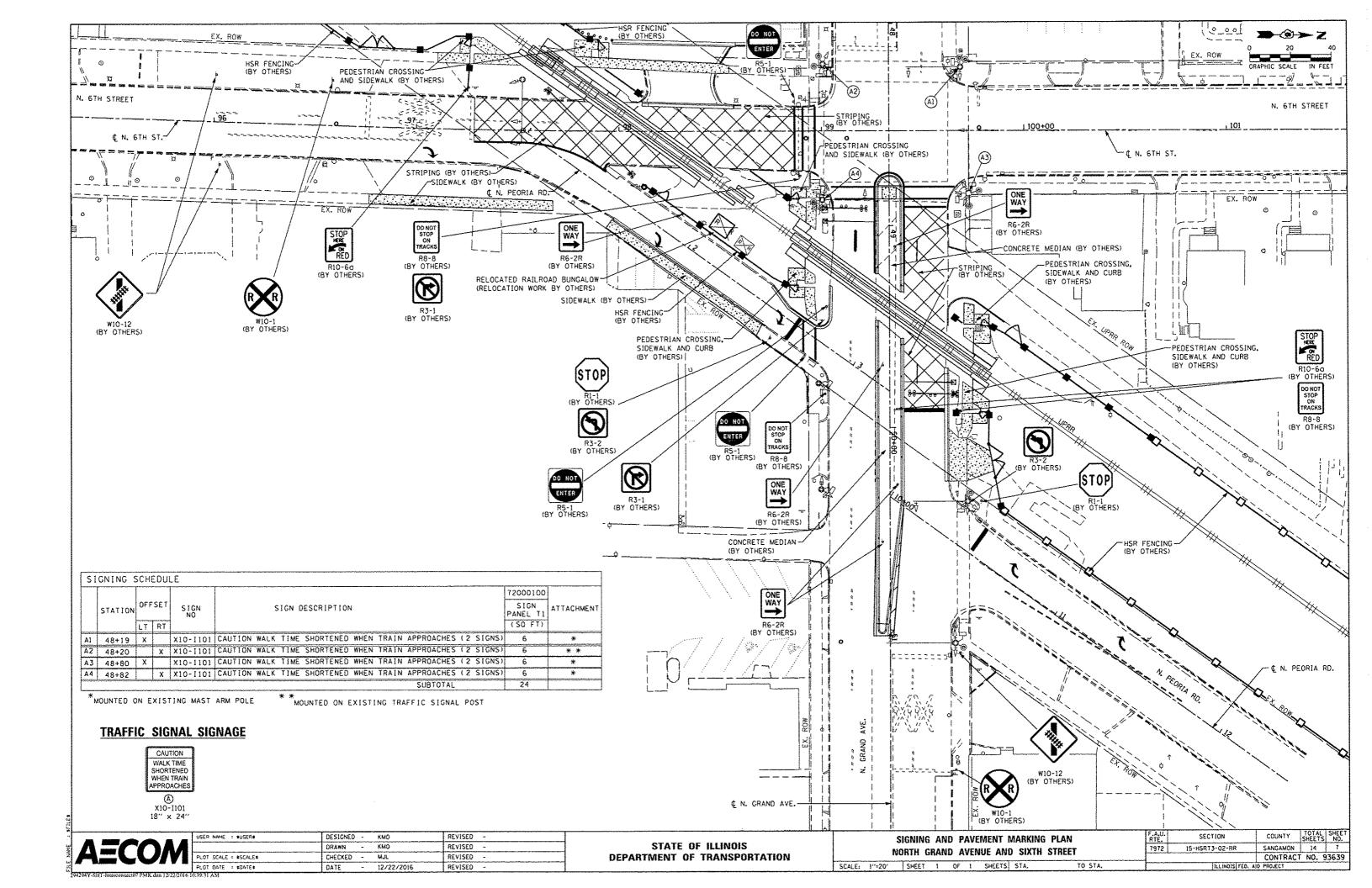
CONSTRUCTION CODE
SIGNALS
N. GRAND AVE.

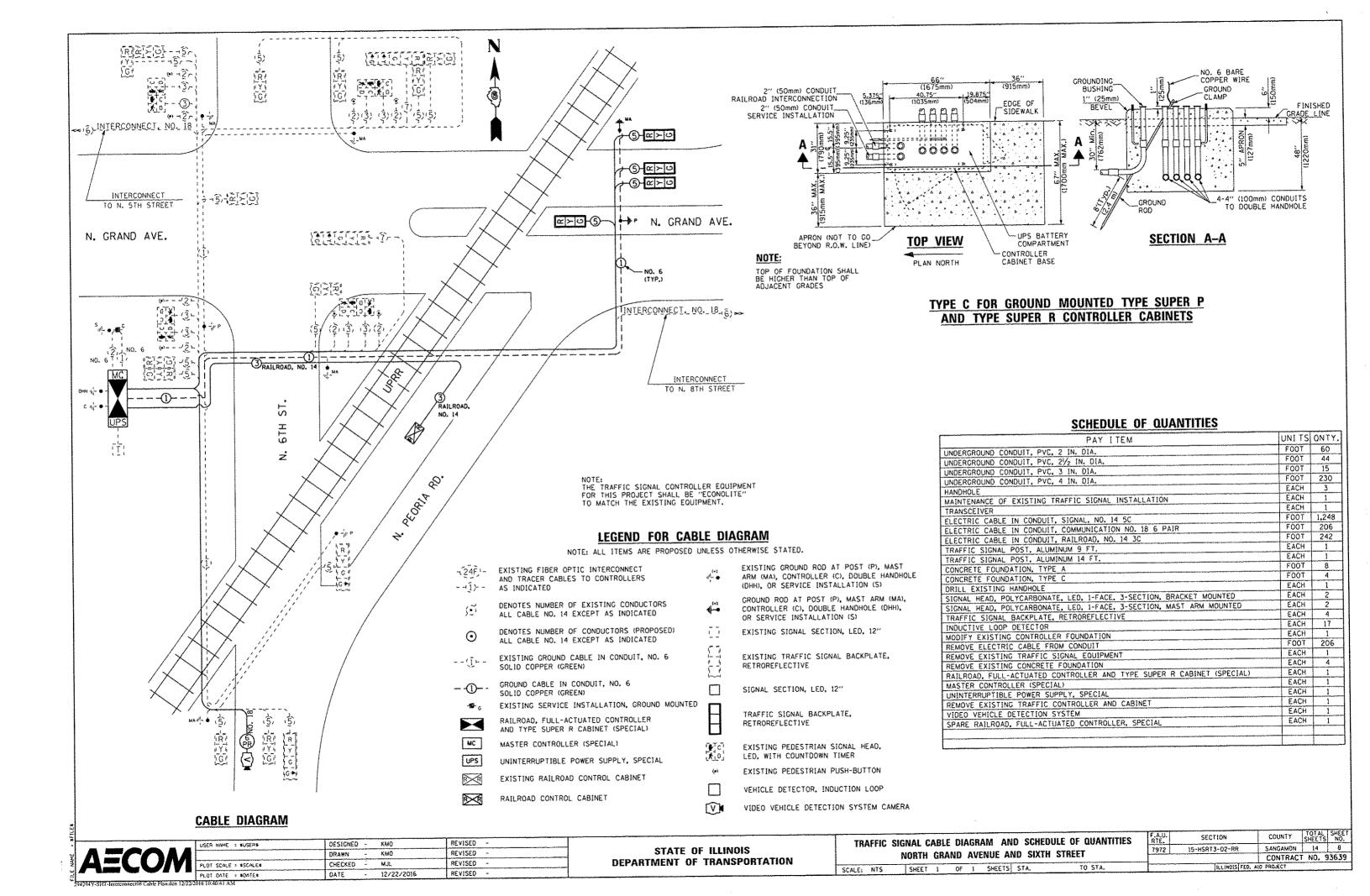
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111111111111111111111111111111111111111			TOTAL	100% HSR
ITEM NO.	ITEM DESCRIPTION	UNIT	OUANTITY	0021
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	8-1-4 Pro-	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4	4
X1400169	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1	1
X7010234	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701, SPECIAL	LSUM	1	1
X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1	1
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	1
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1	1
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1
X1400214	SPARE RAILROAD, FULL ACTUATED CONTROLLER, SPECIAL	EACH	1	1

^{*} DENOTES SPECIALTY ITEM

			F QUANTITIES JE AND SIXTH	STREET	_
SCALE: NONE	SHEET 3	OF 3	SHEETS STA.	TO STA.	_







SEQUENCE OF OPERATION

MOVEMENT PHASE	N ★ ⑤ ★	-	(i) (i) (ii) (ii) (iii)	+ 6			②- ②- ③				-@		7			III		F-JASI
INTERVAL		4	2	3A	3B	4	5	6A	6B	60	6D	7	8	9A	9B	9C	9D	H
CHANGE TO		Ø	0	2 -	+ 6				4	4				***************************************		! + 6 + 6	1	
N. GRAND AVENUE FAR LEFT AND LEFT MAST ARM SIGNALS	E/B	G	GG	C _Y	G	G	G	G	G	Y	R	R	R	R	R	R	R	R
N. GRAND AVENUE FAR RIGHT AND NEAR RIGHT SIGNALS	E/B	G	G	G	G	G	G	G	G	Υ	R	R	R	R	R	R	R	R
N. GRAND AVENUE (PRESIGNAL EAST OF TRACKS) ALL SIGNALS	W/B	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R
N. GRAND AVENUE (WEST OF TRACKS) ALL SIGNALS	W/B	R	R	R	R	G	G	G	G	Υ	R	R	R	R	R	R	R	R
SIXTH STREET (PRESIGNAL SOUTH OF TRACKS) NEAR LEFT AND LEFT MAST ARM SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R
SIXTH STREET (PRESIGNAL SOUTH OF TRACKS) RIGHT MAST ARM AND FAR RIGHT SIGNALS	N/B	g ^R _	cR C	g ^R ▶	c ^R	g ^R ►	g ^R _	g ^R ▶	g ^R ▶	g ^R	gR G	G C	G _C	c ^Y _	GR G►	cR C	c ^R .	R
SIXTH STREET (NORTH OF TRACKS) ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	R
PEDESTRIAN SIGNALS CROSSING SIXTH STREET NORTH SIDE OF N. GRAND AVENUE		Н	———	Н		*P	••FH	Н	Н	H		Н	H	Н	Н	***	Н	D
PEDESTRIAN SIGNALS CROSSING SIXTH STREET SOUTH SIDE OF N. GRAND AVENUE		*P	**-	Н	suppor soften	" ₽	**FH	Н	Н	1	######################################	Н	***************************************	Н	Н	and the second	Н	A R K
PEDESTRIAN SIGNALS CROSSING W. GRAND AVENUE BOTH SIDES OF SIXTH STREET		Н	a-to-	Н	H	******	H	Н	Н	1	H	*P	**FH	Н	Н	Н	Н	*

PHASE 2 + 6 SHALL BE PLACED ON RECALL

- = TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
- ** * FLASHING "DON' T WALK" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

= THIS "WALK" OR FLASHING "DON'T WALK" INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "WALK" OR FLASHING "DON'T WALK" INTERVALS.

- P = ILLUMINATED PERSON = WALK
- FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
- H = ILLUMINATED SOLID HAND = DON'T WALK

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TRAFFIC SIGNAL SEQUENCE OF OPERATION	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NORTH GRAND AVENUE AND SIXTH STREET	7972	15-H5RT3-02-RR	SANGAMON	14	9
MANIE GUWIN WATIANT WAN SIVER SHEET			CONTRACT	NO. 9	3639
SHEET I OF I SHEETS STA. TO STA.		ILLINOIS FED. AL	D PROJECT		

RAILROAD PREEMPTION SEQUENCE OF OPERATION

										PREEMPTOR NUMBER 2							
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER			1 4			7		Character recommendation control of the control of									
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER																	
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	2	3	4	5	6	7	8	CLEAR TO NORMAL
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1B	2	1D	1E	1F	2	1H	2	3	4	5	6	7	8		SEQUENCE
N. GRAND AVENUE FAR LEFT AND LEFT MAST ARM SIGNALS	E/B	Y	R	Υ	R	R	R	R	R	R	R	R	R	R	R	RG F G	Δ
N. GRAND AVENUE RIGHT MAST ARM AND NEAR RIGHT SIGNALS	E/B	Υ	R	Υ	R	R	R	R	R	R	R	R	R	R	R	R	Δ
N. GRAND AVENUE (PRESIGNAL EAST OF TRACKS) ALL SIGNALS	W/B	R	R	Υ	R	R	R	R	R	R	R	R	R	R	R	R	Δ
N. GRAND AVENUE (WEST OF TRACKS) ALL SIGNALS	W/B	R	R	G	G	Υ	R	R	R	R	R	R	G	Y	R	R	Δ
SIXTH STREET (PRESIGNAL SOUTH OF TRACKS) NEAR LEFT AND LEFT MAST ARM SIGNALS	N/B	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	Δ
SIXTH STREET (PRESIGNAL SOUTH OF TRACKS) RIGHT MAST ARM AND FAR RIGHT SIGNALS	N/B	G ^R	c ^R	GR G	g ^R ,	c ^R	c ^R	G ^Y _	c ^R	g ^R ,	GR G	G ^R	g ^R ,	<u>g</u> R_	g ^R	R G ↓	Δ
SIXTH STREET (NORTH OF TRACKS) ALL SIGNALS	N/B	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	Δ
PEDESTRIAN SIGNALS CROSSING SIXTH STREET NORTH SIDE OF N. GRAND AVENUE		H	the state of the s	FH	Н		Н	Н	Н	H	Н	H	Н	Н	H	Н	Δ
PEDESTRIAN SIGNALS CROSSING SIXTH STREET SOUTH SIDE OF N. GRAND AVENUE		FH	makes	FH	Н	al and an	Н	Н	Н	Н	Н	Н	Н	Н	H	Н	Δ
PEDESTRIAN SIGNALS CROSSING W. GRAND AVENUE BOTH SIDES OF SIXTH STREET		Н	- report	Н	Н	Н	Н	FH	Н	1-1	Н	H	Н	Н	H	Н	Δ
																HOLD	

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

△ = RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION AFTER RAILROAD INTERVAL 8 IS TERMINATED.

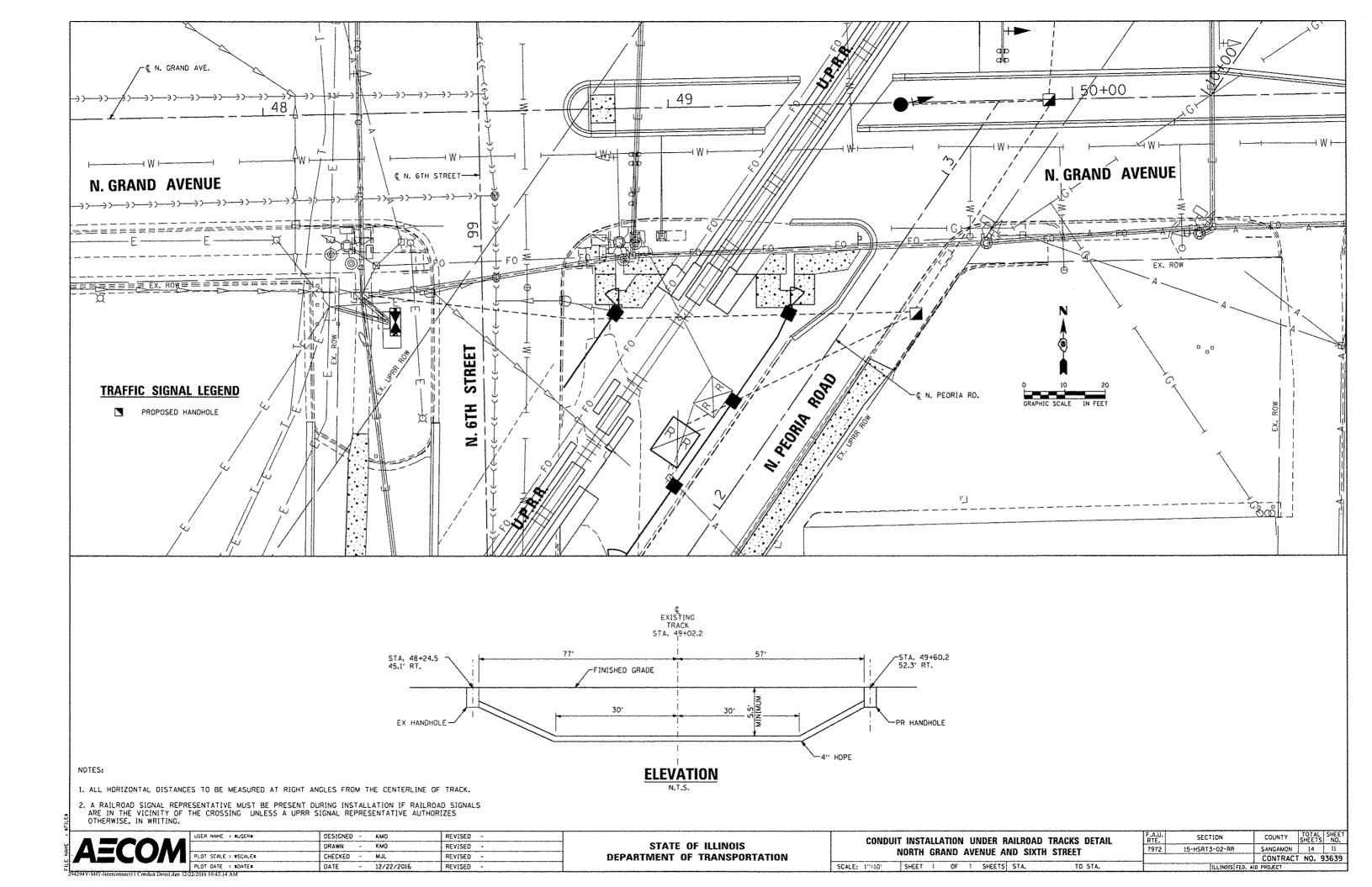
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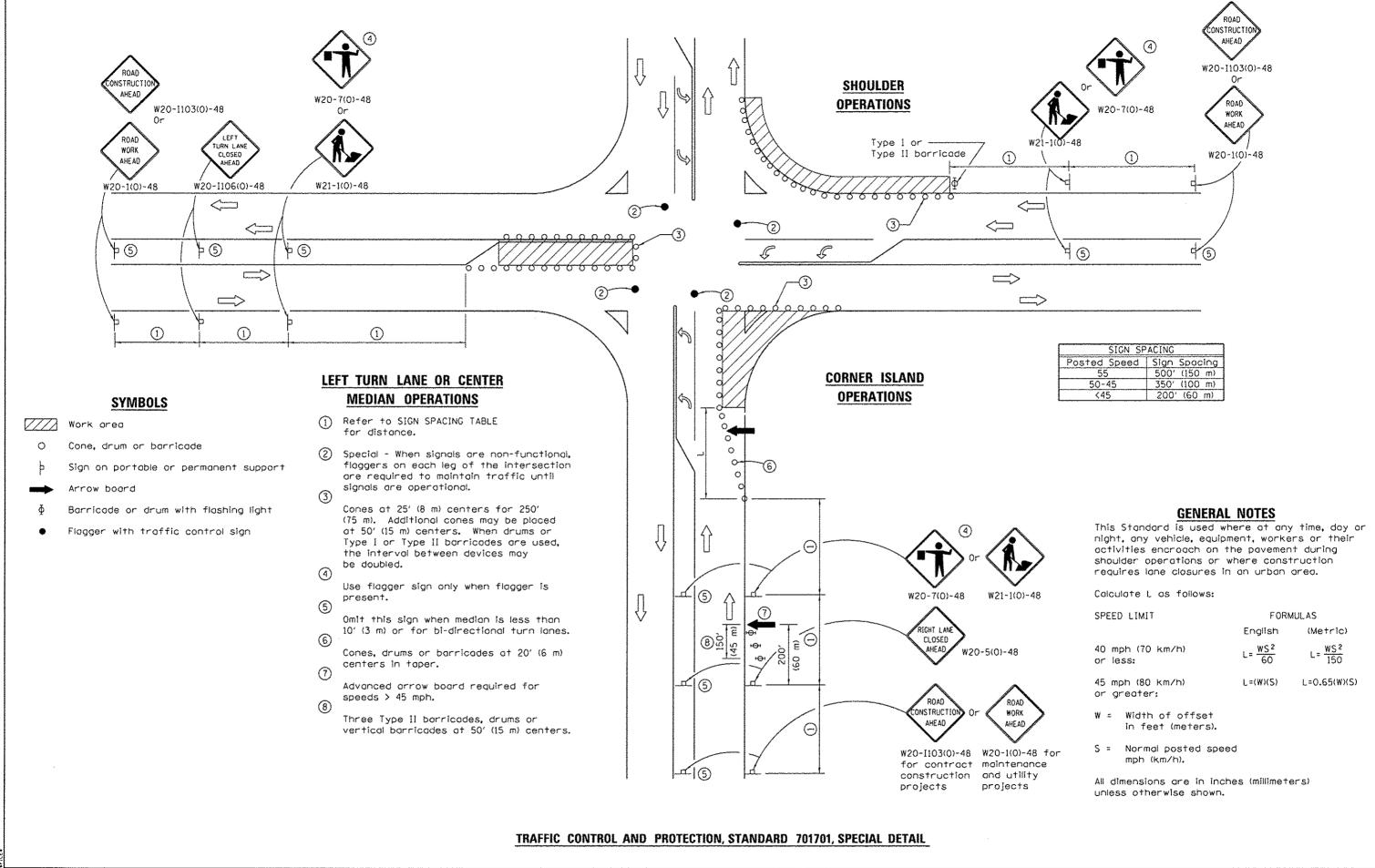
- ONCE PREEMPTION HAS BEEN CALLED, THE TRACK CLEAR SIGNAL DISPLAY SHALL APPEAR IMMEDIATELY AFTER ALL NECESSARY VEHICULAR CLEARANCES HAVE BEEN PROVIDED.
- RAILROAD PREEMPTION WILL TERMINATE ACTIVE PEDESTRIAN PHASES IMMEDIATELY. PEDESTRIAN CLEARANCES WILL BE ABBREVIATED.
- THE RAILROAD PREEMPTION SEQUENCE OF OPERATION SHALL HAVE PRIORITY OVER ALL OTHER SEQUENCES OF OPERATION.

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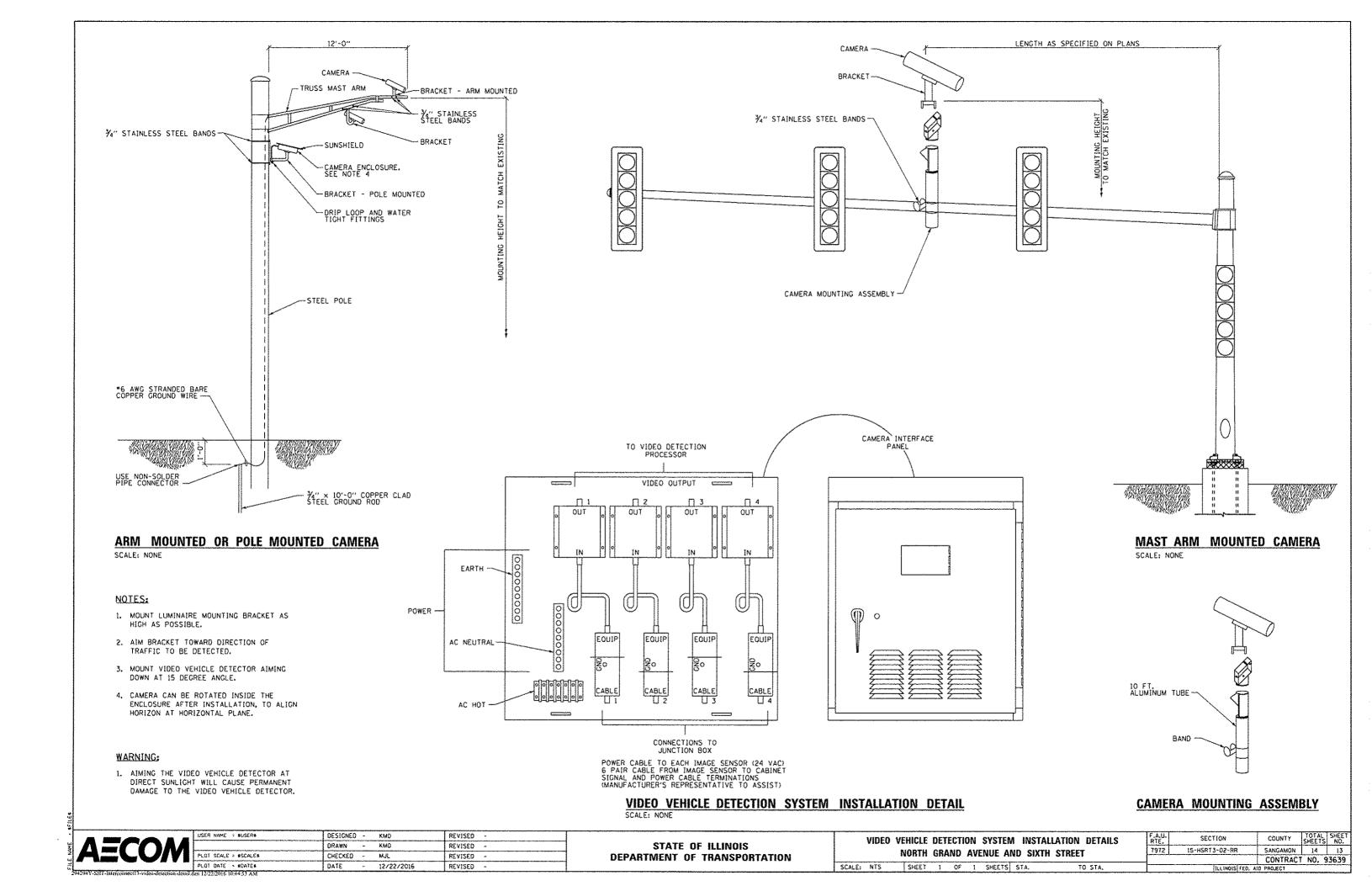
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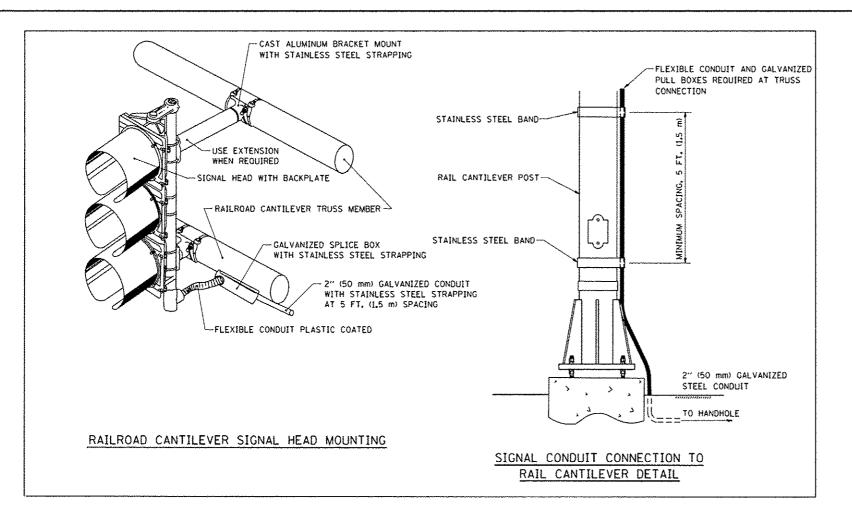
RAILROAD PREEMPTION SEQUENCE OF OPERATION	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NORTH GRAND AVENUE AND SIXTH STREET	7972	15-HSRT3-02-RR	SANGAMON	14	10
HORRIT CHAID AVENUE, AND SIGHT STREET			CONTRACT	NO. 5	3639
SHEET 1 OF 1 SHEETS STA. TO STA.		BLINDIS FED. AT	D PROJECT		

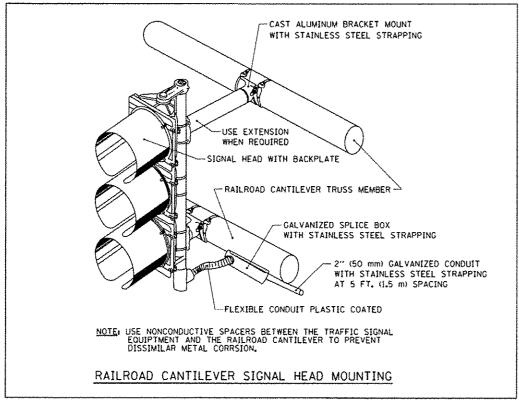


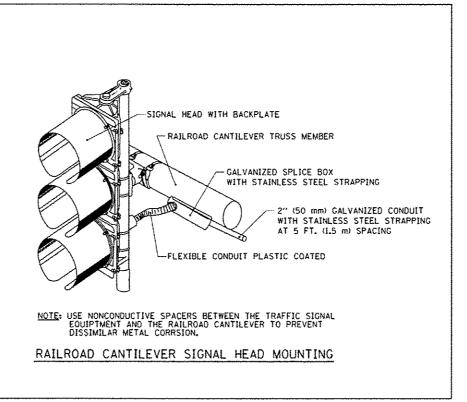


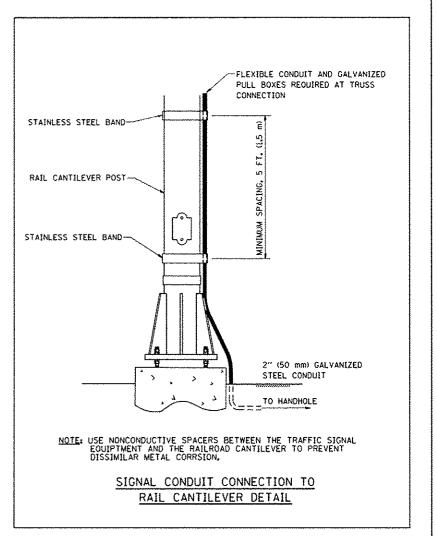
USER NAME : SUSERS DESIGNED - KMO REVISEO -COUNTY TOTAL SHEET NO. SANGAMON 14 12 SECTION TRAFFIC CONTROL AND PROTECTION, STANDARD 701701, SPECIAL STATE OF ILLINOIS DRAWN REVISED -7972 15-HSRT3-02-RR DETAIL CHECKED - MJL REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 93639 12/22/2016 SCALE: NTS SHEET 1 OF 1 SHEETS STA. DATE REVISED ILLINOIS FED. AID PROJECT











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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAILROAD CANTILEVER		F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHEE NO.
SIGNAL HEAD MOUNTING DETAIL		7972	15-HSRT3-02-RR	SANGAMON	14	14
SIGNAL HEAD GOODERNO DETAIL			TS-06	CONTRACT	NO. S	3639
SHEET 1 OF 1 SHEETS STA.	TO STA.		ILLINOIS FED. AID PROJECT			