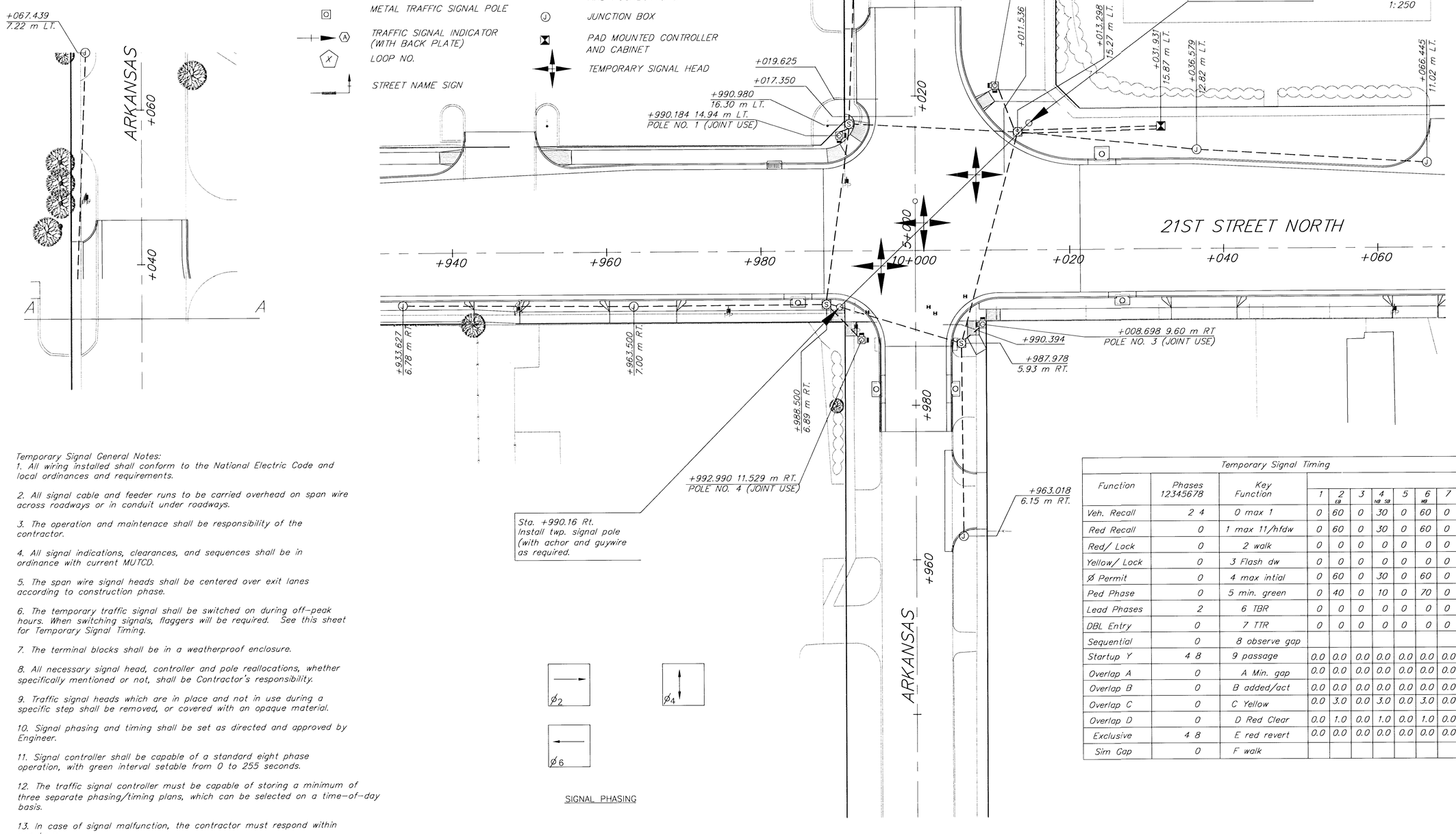
FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0194-01	2001	33	43

LEGEND:

- VEHICLE DETECTOR LOOP (QUADRAPOLE)
- VEHICLE DETECTOR LOOP (DIPOLE)
- SERVICE BOX
- METAL TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL INDICATOR (WITH BACK PLATE)
- LOOP NO.
- STREET NAME SIGN
- TRAFFIC SIGNAL INDICATOR
- MAST ARM SUSPENDED TRAFFIC SIGNAL (LENGTH OF MAST ARM)
- PEDESTRIAN SIGNAL INDICATOR AND PUSHBUTTONS
- JUNCTION BOX
- PAD MOUNTED CONTROLLER AND CABINET
- TEMPORARY SIGNAL HEAD



Temporary Signal General Notes:

1. *All wiring installed shall conform to the National Electric Code and local ordinances and requirements.*
2. *All signal cable and feeder runs to be carried overhead on span wire across roadways or in conduit under roadways.*
3. *The operation and maintenace shall be responsibility of the contractor.*
4. *All signal indications, clearances, and sequences shall be in ordinance with current MUTCD.*
5. *The span wire signal heads shall be centered over exit lanes according to construction phase.*
6. *The temporary traffic signal shall be switched on during off-peak hours. When switching signals, flaggers will be required. See this sheet for Temporary Signal Timing.*
7. *The terminal blocks shall be in a weatherproof enclosure.*
8. *All necessary signal head, controller and pole reallocations, whether specifically mentioned or not, shall be Contractor's responsibility.*
9. *Traffic signal heads which are in place and not in use during a specific step shall be removed, or covered with an opaque material.*
10. *Signal phasing and timing shall be set as directed and approved by Engineer.*
11. *Signal controller shall be capable of a standard eight phase operation, with green interval setable from 0 to 255 seconds.*
12. *The traffic signal controller must be capable of storing a minimum of three separate phasing/timing plans, which can be selected on a time-of-day basis.*
13. *In case of signal malfunction, the contractor must respond within one hour.*

SIGNAL PHASING

Temporary Signal Timing

Function	Phases 12345678	Key Function	1	2 EB	3	4 NB SB	5	6 WB	7	8
Veh. Recall	2 4	0 max 1	0	60	0	30	0	60	0	0
Red Recall	0	1 max 11/hfdw	0	60	0	30	0	60	0	0
Red/ Lock	0	2 walk	0	0	0	0	0	0	0	0
Yellow/ Lock	0	3 Flash dw	0	0	0	0	0	0	0	0
Ø Permit	0	4 max intial	0	60	0	30	0	60	0	0
Ped Phase	0	5 min. green	0	40	0	10	0	70	0	0
Lead Phases	2	6 TBR	0	0	0	0	0	0	0	0
DBL Entry	0	7 TTR	0	0	0	0	0	0	0	0
Sequential	0	8 observe gap								
Startup Y	4 8	9 passage	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overlap A	0	A Min. gap	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overlap B	0	B added/act	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overlap C	0	C Yellow	0.0	3.0	0.0	3.0	0.0	3.0	0.0	0.0
Overlap D	0	D Red Clear	0.0	1.0	0.0	1.0	0.0	1.0	0.0	0.0
Exclusive	4 8	E red revert	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sim Gap	0	F walk								

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PROJECT NUMBER	AM. NO.	SHEET
472-82783	99147	
DESIGN RR / DRAWN RR / FILE Tempsig / DATE 11/10/00	SCALE 1:250	OF

21ST AND ARKANSAS
TEMPORARY SIGNALIZATION
CITY OF WICHITA

REVISED 6/11/01