F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	501	COLES	26	16

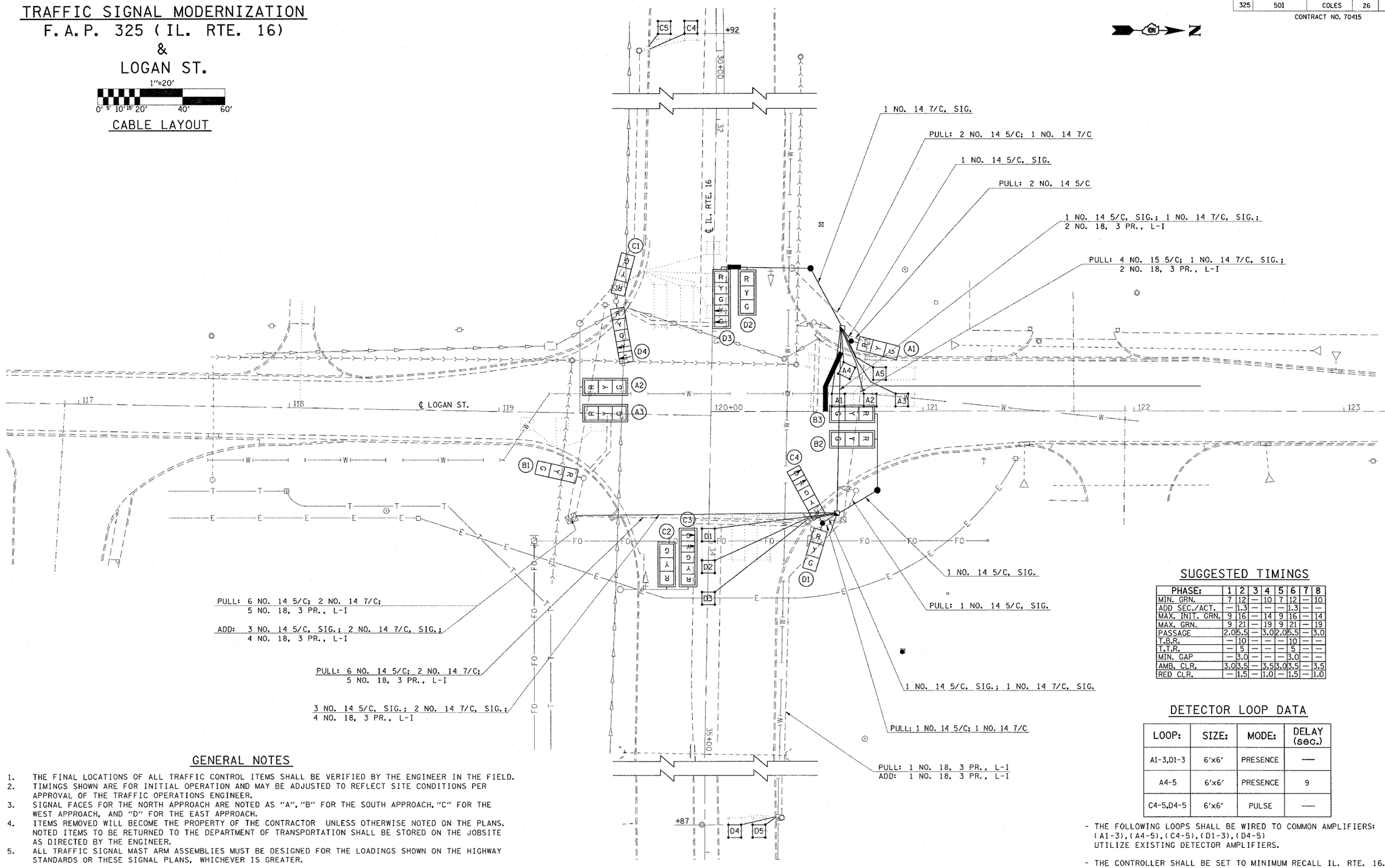
CONTRACT NO. 70415

TRAFFIC SIGNAL MODERNIZATION
F. A. P. 325 (IL. RTE. 16)
&
LOGAN ST.

1"=20'

0' 5' 10' 15' 20' 40' 60'

CABLE LAYOUT



GENERAL NOTES

1. THE FINAL LOCATIONS OF ALL TRAFFIC CONTROL ITEMS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.
2. TIMINGS SHOWN ARE FOR INITIAL OPERATION AND MAY BE ADJUSTED TO REFLECT SITE CONDITIONS PER APPROVAL OF THE TRAFFIC OPERATIONS ENGINEER.
3. SIGNAL FACES FOR THE NORTH APPROACH ARE NOTED AS "A", "B" FOR THE SOUTH APPROACH, "C" FOR THE WEST APPROACH, AND "D" FOR THE EAST APPROACH.
4. ITEMS REMOVED WILL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE PLANS. NOTED ITEMS TO BE RETURNED TO THE DEPARTMENT OF TRANSPORTATION SHALL BE STORED ON THE JOBSITE AS DIRECTED BY THE ENGINEER.
5. ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

SUGGESTED TIMINGS

PHASE:	1	2	3	4	5	6	7	8
MIN. GRN.	7	12	—	10	7	12	—	10
ADD SEC./ACT.	—	1.3	—	—	—	1.3	—	—
MAX. INIT. GRN.	9	16	—	14	9	16	—	14
MAX. GRN.	9	21	—	19	9	21	—	19
PASSAGE	2.0	5.5	—	3.0	2.0	5.5	—	3.0
T.B.R.	—	10	—	—	—	10	—	—
T.I.R.	—	5	—	—	—	5	—	—
MIN. GAP	—	3.0	—	—	—	3.0	—	—
AMB. CLR.	3.0	3.5	—	3.5	3.0	3.5	—	3.5
RED CLR.	—	1.5	—	1.0	—	1.5	—	1.0

DETECTOR LOOP DATA

LOOP:	SIZE:	MODE:	DELAY (sec.)
A1-3,D1-3	6'x6'	PRESENCE	—
A4-5	6'x6'	PRESENCE	9
C4-5,D4-5	6'x6'	PULSE	—

- THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1-3),(A4-5),(C4-5),(D1-3),(D4-5) UTILIZE EXISTING DETECTOR AMPLIFIERS.
- THE CONTROLLER SHALL BE SET TO MINIMUM RECALL IL. RTE. 16.