

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1700	05-00045-02-PV	COOK/DUPAGE	103	48
TRAFFIC SIGNAL INSTALLATION PLAN				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT M-8003544				

TRAFFIC SIGNAL LEGEND

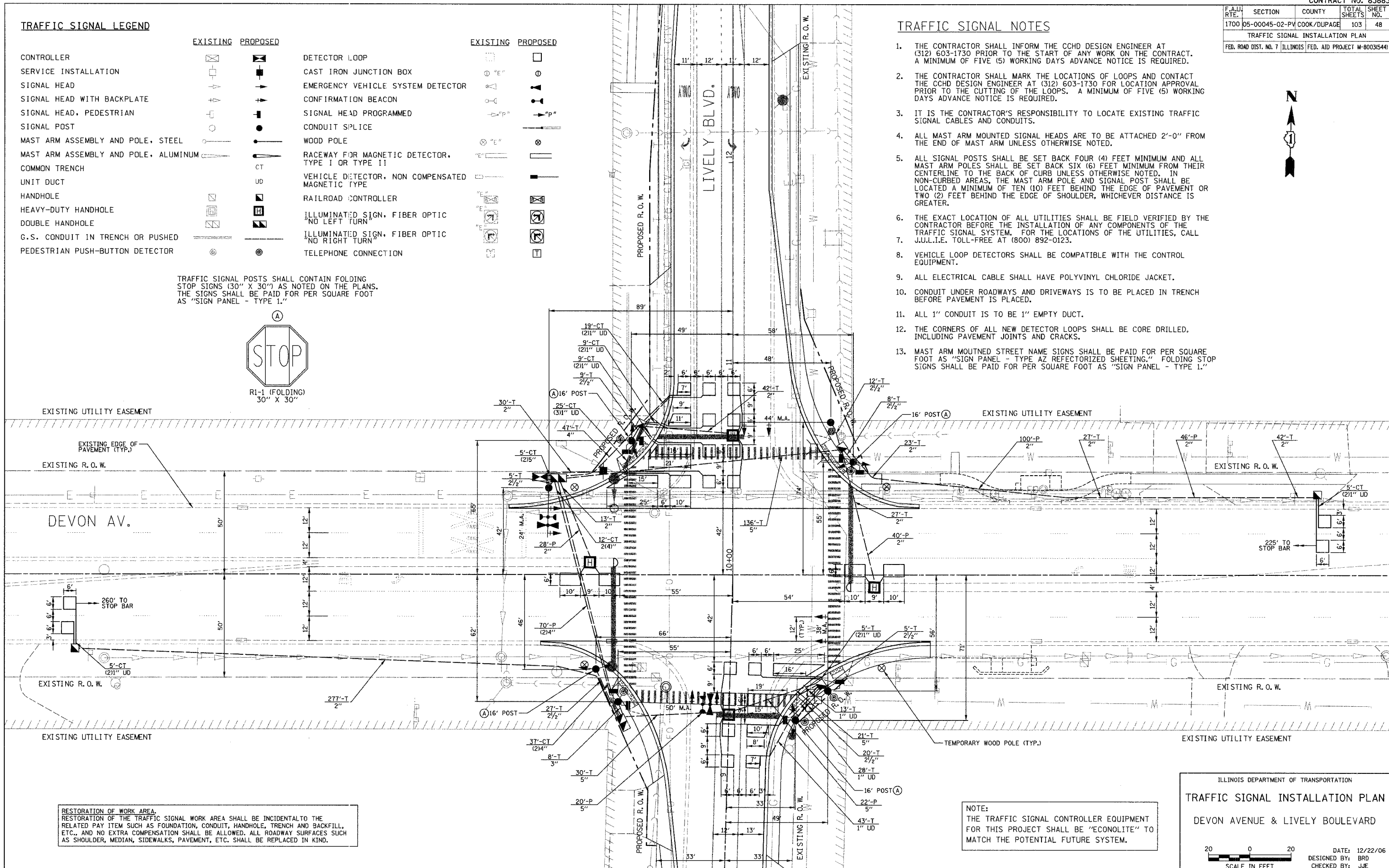
EXISTING		PROPOSED		EXISTING		PROPOSED	
CONTROLLER			DETECTOR LOOP				
SERVICE INSTALLATION			CAST IRON JUNCTION BOX				
SIGNAL HEAD			EMERGENCY VEHICLE SYSTEM DETECTOR				
SIGNAL HEAD WITH BACKPLATE			CONFIRMATION BEACON				
SIGNAL HEAD, PEDESTRIAN			SIGNAL HEAD PROGRAMMED				
SIGNAL POST			CONDUIT SPLICE				
MAST ARM ASSEMBLY AND POLE, STEEL			WOOD POLE				
MAST ARM ASSEMBLY AND POLE, ALUMINUM			RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II				
COMMON TRENCH			VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE				
UNIT DUCT			RAILROAD CONTROLLER				
HANDHOLE			ILLUMINATED SIGN, FIBER OPTIC NO LEFT TURN				
HEAVY-DUTY HANDHOLE			ILLUMINATED SIGN, FIBER OPTIC NO RIGHT TURN				
DOUBLE HANDHOLE			TELEPHONE CONNECTION				
G.S. CONDUIT IN TRENCH OR PUSHED							
PEDESTRIAN PUSH-BUTTON DETECTOR							

TRAFFIC SIGNAL POSTS SHALL CONTAIN FOLDING STOP SIGNS (30" X 30") AS NOTED ON THE PLANS. THE SIGNS SHALL BE PAID FOR PER SQUARE FOOT AS "SIGN PANEL - TYPE 1."



TRAFFIC SIGNAL NOTES

1. THE CONTRACTOR SHALL INFORM THE CCHD DESIGN ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
2. THE CONTRACTOR SHALL MARK THE LOCATIONS OF LOOPS AND CONTACT THE CCHD DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
4. ALL MAST ARM MOUNTED SIGNAL HEADS ARE TO BE ATTACHED 2'-0" FROM THE END OF MAST ARM UNLESS OTHERWISE NOTED.
5. ALL SIGNAL POSTS SHALL BE SET BACK FOUR (4) FEET MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK SIX (6) FEET MINIMUM FROM THEIR CENTERLINE TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS, THE MAST ARM POLE AND SIGNAL POST SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER.
6. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL J.U.L.I.E. TOLL-FREE AT (800) 892-0123.
7. VEHICLE LOOP DETECTORS SHALL BE COMPATIBLE WITH THE CONTROL EQUIPMENT.
8. ALL ELECTRICAL CABLE SHALL HAVE POLYVINYL CHLORIDE JACKET.
9. CONDUIT UNDER ROADWAYS AND DRIVEWAYS IS TO BE PLACED IN TRENCH BEFORE PAVEMENT IS PLACED.
10. ALL 1" CONDUIT IS TO BE 1" EMPTY DUCT.
11. THE CORNERS OF ALL NEW DETECTOR LOOPS SHALL BE CORE DRILLED, INCLUDING PAVEMENT JOINTS AND CRACKS.
12. MAST ARM MOUNTED STREET NAME SIGNS SHALL BE PAID FOR PER SQUARE FOOT AS "SIGN PANEL - TYPE A2 REFLECTORIZED SHEETING." FOLDING STOP SIGNS SHALL BE PAID FOR PER SQUARE FOOT AS "SIGN PANEL - TYPE 1."



RESTORATION OF WORK AREA.
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE POTENTIAL FUTURE SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN

DEVON AVENUE & LIVELY BOULEVARD

SCALE IN FEET

DATE: 12/22/06
DESIGNED BY: BRD
CHECKED BY: JJE