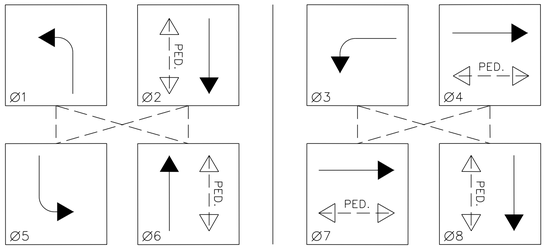
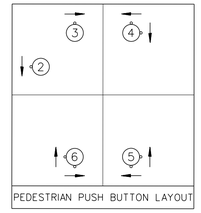
SIGNAL PHASING



INDIANA AVENUE 20TH STREET

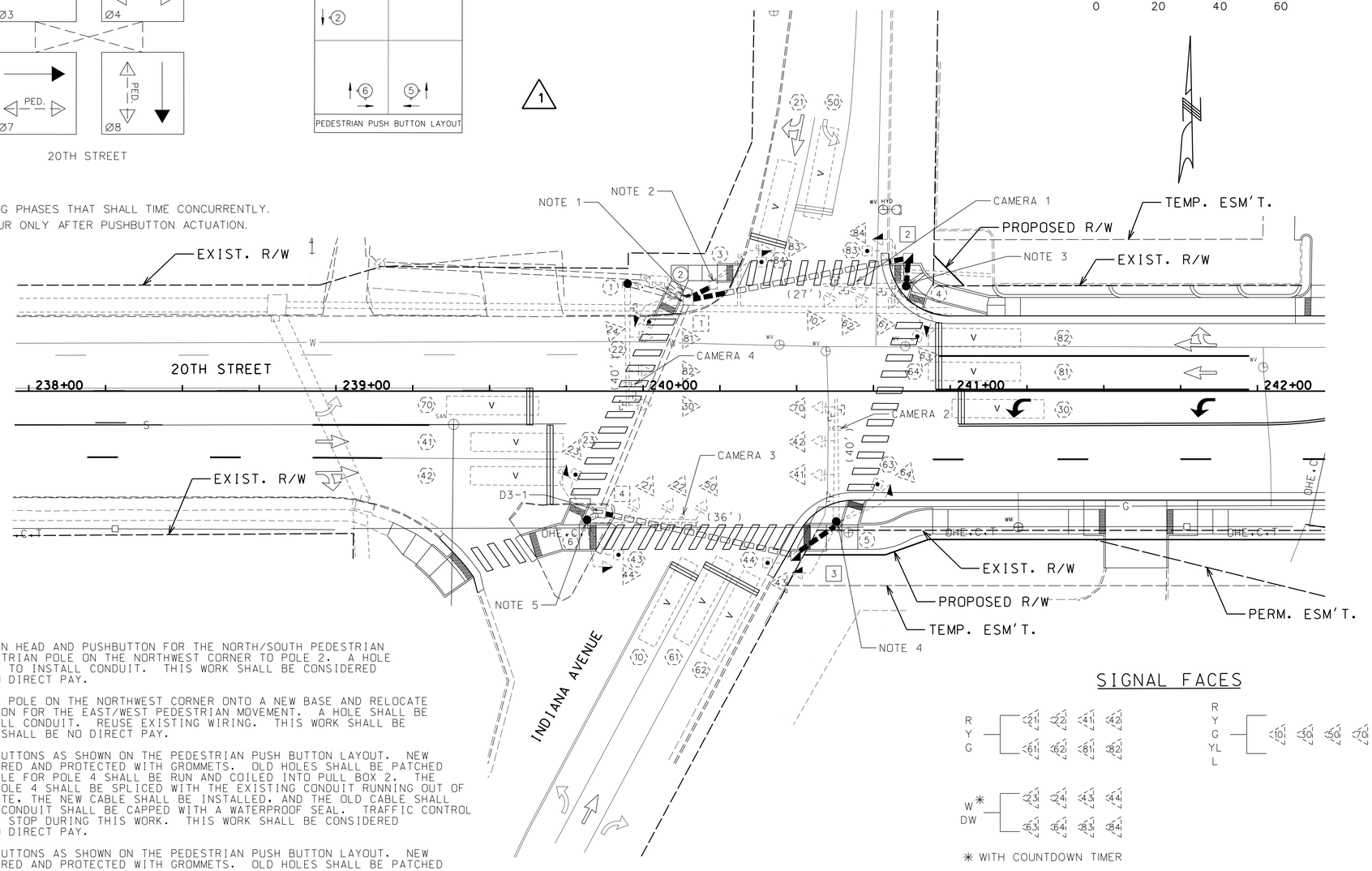


PEDESTRIAN PUSH BUTTON LAYOUT

NOTES:

- — — INDICATES NON-CONFLICTING PHASES THAT SHALL TIME CONCURRENTLY.
PEDESTRIAN INTERVALS TO OCCUR ONLY AFTER PUSHBUTTON ACTUATION.

1 8/23/13 SIGNAL SHEET REVISED



SIGNAL FACES

NOTES

1. RELOCATE THE EXISTING PEDESTRIAN HEAD AND PUSHBUTTON FOR THE NORTH/SOUTH PEDESTRIAN MOVEMENT FROM THE EXISTING PEDESTRIAN POLE ON THE NORTHWEST CORNER TO POLE 2. A HOLE SHALL BE DRILLED INTO PULL BOX 1 TO INSTALL CONDUIT. THIS WORK SHALL BE CONSIDERED SUBSIDIARY AND THERE SHALL BE NO DIRECT PAY.
2. RELOCATE THE EXISTING PEDESTRIAN POLE ON THE NORTHWEST CORNER ONTO A NEW BASE AND RELOCATE THE PEDESTRIAN HEAD AND PUSHBUTTON FOR THE EAST/WEST PEDESTRIAN MOVEMENT. A HOLE SHALL BE DRILLED INTO PULL BOX 1 TO INSTALL CONDUIT. REUSE EXISTING WIRING. THIS WORK SHALL BE CONSIDERED SUBSIDIARY AND THERE SHALL BE NO DIRECT PAY.
3. ROTATE AND MOUNT EXISTING PUSH BUTTONS AS SHOWN ON THE PEDESTRIAN PUSH BUTTON LAYOUT. NEW HOLES IN THE POLE SHALL BE DUBURRED AND PROTECTED WITH GROMMETS. OLD HOLES SHALL BE PATCHED WITH A WATERPROOF SEAL. NEW CABLE FOR POLE 4 SHALL BE RUN AND COILED INTO PULL BOX 2. THE NEW CONDUIT FROM PULL BOX 2 TO POLE 4 SHALL BE SPLICED WITH THE EXISTING CONDUIT RUNNING OUT OF THE BASE OF POLE 4. ONCE COMPLETE, THE NEW CABLE SHALL BE INSTALLED, AND THE OLD CABLE SHALL BE COMPLETELY REMOVED. THE OLD CONDUIT SHALL BE CAPPED WITH A WATERPROOF SEAL. TRAFFIC CONTROL SHALL BE MAINTAINED WITH A 4-WAY STOP DURING THIS WORK. THIS WORK SHALL BE CONSIDERED SUBSIDIARY AND THERE SHALL BE NO DIRECT PAY.
4. ROTATE AND MOUNT EXISTING PUSH BUTTONS AS SHOWN ON THE PEDESTRIAN PUSH BUTTON LAYOUT. NEW HOLES IN THE POLE SHALL BE DUBURRED AND PROTECTED WITH GROMMETS. OLD HOLES SHALL BE PATCHED WITH A WATERPROOF SEAL. NEW CABLE FOR POLE 5 SHALL BE RUN AND COILED INTO PULL BOX 3. THE NEW CONDUIT FROM PULL BOX 3 TO POLE 5 SHALL BE SPLICED WITH THE EXISTING CONDUIT RUNNING OUT OF THE BASE OF POLE 5. ONCE COMPLETE, THE NEW CABLE SHALL BE INSTALLED, AND THE OLD CABLE SHALL BE COMPLETELY REMOVED. THE OLD CONDUIT SHALL BE CAPPED WITH A WATERPROOF SEAL. TRAFFIC CONTROL SHALL BE MAINTAINED WITH A 4-WAY STOP DURING THIS WORK. THIS WORK SHALL BE CONSIDERED SUBSIDIARY AND THERE SHALL BE NO DIRECT PAY.
5. ROTATE AND MOUNT EXISTING PUSH BUTTONS AS SHOWN ON THE PEDESTRIAN PUSH BUTTON LAYOUT. NEW HOLES IN THE POLE SHALL BE DUBURRED AND PROTECTED WITH GROMMETS. OLD HOLES SHALL BE PATCHED WITH A WATERPROOF SEAL. THIS WORK SHALL BE CONSIDERED SUBSIDIARY AND THERE SHALL BE NO DIRECT PAY.
6. ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 902 "TRAFFIC SIGNALS", UNLESS OTHERWISE NOTED.
7. THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES AND BOXES ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.
8. CONDUITS UNDER ANY NEW PAVEMENT SHALL EITHER BE TRENCHED PRIOR TO OR BORED FOLLOWING PAVEMENT CONSTRUCTION. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT. ANY CONDUIT RUN UNDER PAVEMENT SHALL BE INSTALLED IN A SINGLE OPERATION RATHER THAN PIECEMEAL WITH PHASED PAVEMENT CONSTRUCTION.
9. THE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN ON THESE PLANS AND/OR THE ROADWAY PLANS IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO ANY WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND FACILITIES.
10. ALL DASHED SYMBOLS AND LABELS INDICATE EXISTING FACILITIES.

TRAFFIC SIGNAL PLAN 20TH STREET AT INDIANA AVENUE

STATE OF MISSOURI
Kevin Michael Manning
NUMBER PE-2011000920
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	
8/30/2013	
ROUTE	STATE
N/A	MO
DISTRICT	SHEET NO.
SW	94
COUNTY	
JASPER	
JOB NO.	
TDG-3200(718)	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRANSYSTEMS CORP.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)329-8601
MO STATE CERTIFICATE OF AUTHORITY # 273
ENGINEERING

REV.