NOTES:
1. Use 2" PC from each signal pole to junction box to each signal pole base.
2. All non-metallic raceways shall have a #8 twin ground conductor.
3. See signal intersection plan sheet for location of junction boxes.
4. Video detection cable shall be to the manufacturer's specifications. Leave 10' of spare wire at the cabinet and at the camera locations.

SYMBOLS CHART:
- J: Indicates multiconductor or cable assemblies (IMSA 16+ or 20+).
- D: Indicates individual conductors or conductor strands from cable or bundle.
- A: Indicates number of conductors and/or cable(s) per conduit.
- B: Denotes conduit size and type.
- C: Indicates multi-conductors or cable assemblies. (IMSA 19-1 or 20-1)
- D: Indicates individual conductors or conductor breakout from cable or bundle.
- E: Denotes number of conductors and/or cable(s) per conduit.
- F: Denotes conduit size and type.

CAMERA #1
- Video noise filter
- Camera
- Protection to be provided

CAMERA #2
- Video noise filter
- Camera
- Protection to be provided

CAMERA #3
- Video noise filter
- Camera
- Protection to be provided

CAMERA #4
- Video noise filter
- Camera
- Protection to be provided

POLE A
- Video detector
- Camera
- Protection to be provided

POLE B
- Video detector
- Camera
- Protection to be provided

POLE C
- Video detector
- Camera
- Protection to be provided

POLE D
- Video detector
- Camera
- Protection to be provided

PROJECT NO. VIDE DET. FIELD WIRING DIAGRAM
- Idaho Transportation Department
- Project: Video Detection
- Four or less cameras without emergency vehicle pre-emption
- Controller cabinet located in upper right quadrant

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CAMERA #1
- Video noise filter
- Camera
- Protection to be provided

CAMERA #2
- Video noise filter
- Camera
- Protection to be provided

CAMERA #3
- Video noise filter
- Camera
- Protection to be provided

CAMERA #4
- Video noise filter
- Camera
- Protection to be provided

POLE A
- Video detector
- Camera
- Protection to be provided

POLE B
- Video detector
- Camera
- Protection to be provided

POLE C
- Video detector
- Camera
- Protection to be provided

POLE D
- Video detector
- Camera
- Protection to be provided

NOTES:
- Design: Video detection
- Camera and protection to be provided
- Symbols chart
- Xenon light: Camera
- Protection to be provided

SYMBOLS CHART:
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