NOTE:
For Illumination Circuits
See Illumination Plans.

Pole No. 2

Pole No. 3

Pole No. 1

Pole No. 4

Salem Electric Vault

200'±

STREET

CENTER

COMMERCIAL

STORM

Water valves

Fire hydrant

Advance flasher on bridge

Water valve

Private Light

Drain

Water valves in sidewalk

LTG JBox

no capacity

no capacity into controller

Existing Junction Box 300'± From Marion St. Curb line

10'

4'

6'

5'

12'

2'-6'

SIGNAL PLAN
CENTER ST. @ COMMERCIAL ST.

SCALE 0 10 20 40 FEET

LEGEND

- (C) Install Model 170 controller in Model 332 cabinet - field locate
- (MA/T) Install type (T) mast arm pole w/luminaire extension - mount[illegible] ht 40 ft
- (MA/D) Install double mast arm pole w/luminaire extension - mounting height 40 ft.
- (PP) Install pedestrian pedestal with frangible base
- (P/T) Install type (T) modified pedestrian signal
- (L) Luminaire unit - 40 ft. mounting height - see illumination plans for size, wiring, etc.
- (SA) Install service cabinet with 30 amp circuit breaker
- (LA/L) Install (L) foot luminaire arm
- (MA/L) Install (L) foot signal mast arm
- (V/Ph) Install (Ph) phase vehicle signal
- (PV/Ph) Install (Ph) phase programmed vehicle signal
- (TC) Install terminal cabinet
- (S") Install (S) inch electrical conduit
- (CS) Install 2" conduit stub, cap both ends (future use)
- (N) Install (N) number 14 type THWN wires
- (C) Install one No. 6 type THWN wire - si[illegible]system cond
- (N/6) Install (N) No. (6) type TW wires
- (EX/JB) Existing junction box
- (PV/R) Install programmed 12" mod[illegible]
- (EX/CH) Install channel (Ch), [illegible]re pre-emptio[illegible]tector[illegible]
- (OS/ST) Install interior-illuminated through arrow [illegible] sign
- (OS/AL) Install interior-illuminat[illegible]through and [illegible]-turn arrow sign
- (OS/LC) Install interior-illuminated "ONE WAY" arrow left
- (OS/RR) Install interior-illuminated through and right-turn arrow sign
- (OS/R) Install interior-illuminated "ONE WAY" arrow right
- (10) Install interior-illuminated "RIGHT TURN ONLY ON FLASHING RED" sign with vertical louvers
- (MS) Install 120 V meter base
- (FP/CH) Install channel (Ch) [illegible]re pre-emption detector
- (12) Install flasher cabinet
- (EX/2") Existing 2" interconnect conduit
- (W/P) Install (N [illegible] twisted pair #16 AWG shielded control cable
- (13) Power circuits (by others) install one No. 6 pull wire
- (14) Junction box *(See illumination plans)*
- (15) Illumination & flasher circuits *(See illumination plans)*
- (JB) *Install 27½"x18"x12" Concrete pull box with gasketed galv. cast iron cover, flush with sidewalk, and "SIGNALS" on cover*

Ph= Phase shown — S= Size shown
N= Number shown — G= AWG wire size
L= Length shown — Ch= Channel shown
T= Type shown — 456= 12" R, 12" Y, 12" G
A= Standard plumbizer

NE Corner: Conduit capacity issues running across the street to the NW corner and into controller. Lighting junction box is present.

SE Corner: storm manhole within sidewalk.

SW Corner: fire hydrant and water valves at corner.

SE Corner: Conduit runs direct to pole and from pole to advance flasher on bridge. No conduit capacity to NE corner.

Channel D Phase 8 — Channel C Phase 6

FIRE PRE-EMPTION OPERATION

Phase 8 — Phase 6

NORMAL PHASE ROTATION

POWER SERVICE DETAIL (Pole No.1) No Scale

APPROVED
TRAFFIC ENGINEER
6/2/82
DATE

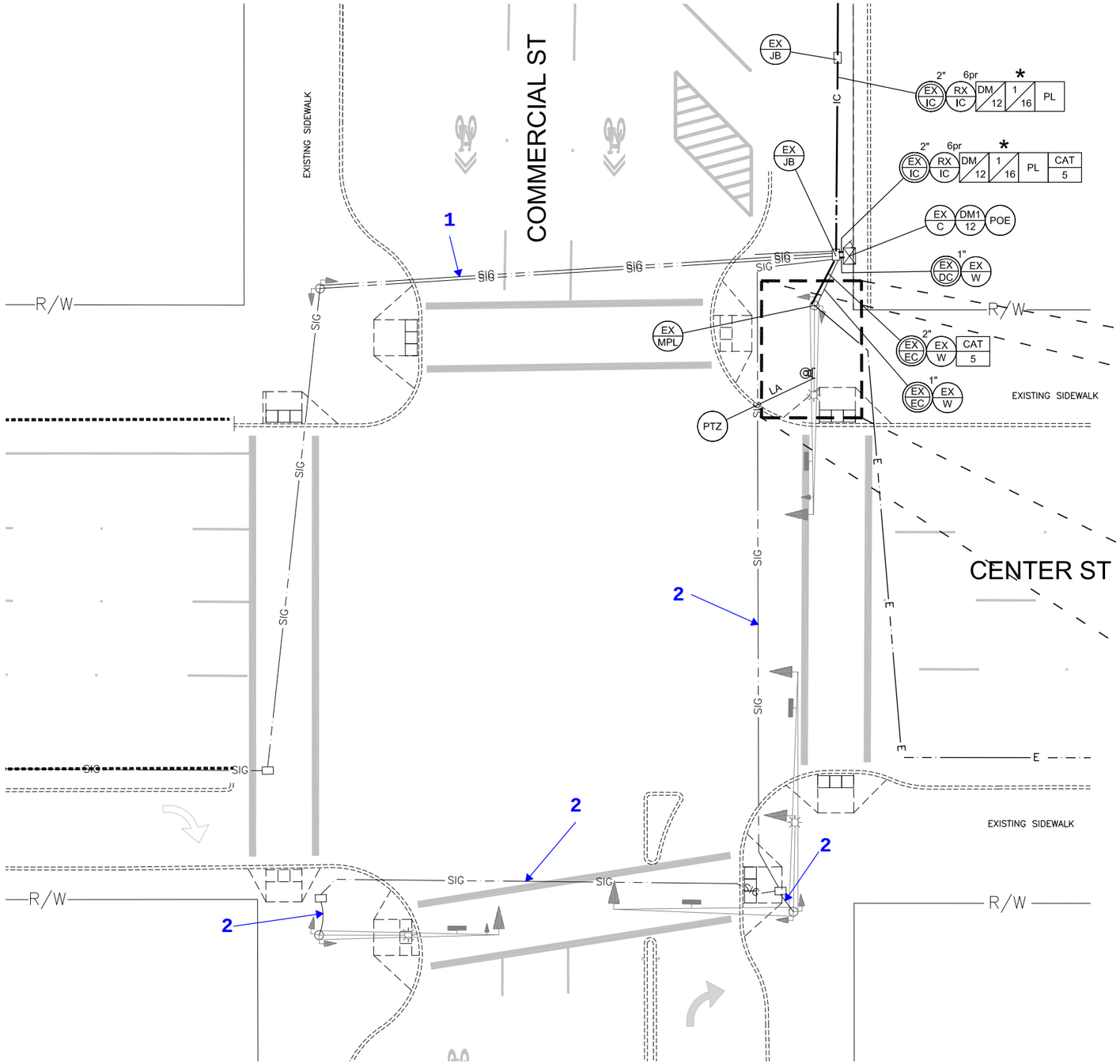
DESIGNED BY
CHECKED BY

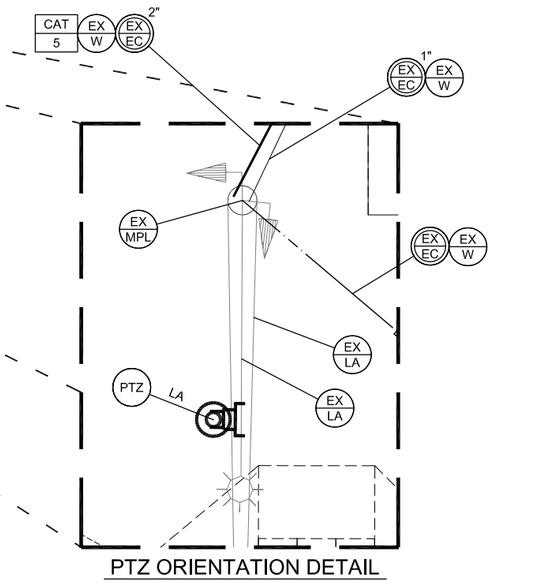
TRAFFIC SIGNAL INSTALLATION
WILLAMETTE RIVER (CENTER ST.) BRIDGE
WILLAMINA - SALEM HWY
POLK & MARION COUNTIES

DATE April 1982
ACCOMPANIED BY DWGS. 1470, 1471, 1472, 1473, 1488, 1489, 2990, 2991, 2992, 3500, 3501, 0, 8396

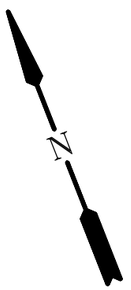
77 0319

NOTE:
SEE LEGEND SHEETS SG-100 AND SG-101





PTZ ORIENTATION DETAIL



0 10' 20' 30'

A3 COMMERCIAL STREET NE AT CENTER STREET NE

CITY OF Salem AT YOUR SERVICE

SHEET PREPARED BY:

ENGINEERING DIVISION
SALEM PUBLIC WORKS DEPARTMENT

AS-BUILT

"THIS AS-CONSTRUCTED DRAWING WAS PREPARED UNDER MY SUPERVISION FROM DATA COLLECTED UNDER MY SUPERVISION AND REPRESENTS, TO MY KNOWLEDGE, THE BEST INFORMATION REGARDING MATERIALS AND DIMENSIONS INCLUDED IN THE AS-CONSTRUCTED PROJECT. THE CITY OF SALEM DOES NOT GUARANTEE THE ACCURACY OF THIS AS-CONSTRUCTED DRAWING."

Richard L. Barnes PE

Date:

SEALED

ORIGINALS SEALED BY:
HOWARD D. RONEY
REG#: 10714
DATE SIGNED: 05/18/2011
CERTIFICATE EXPIRED: 12/31/2012

TRAFFIC COMMUNICATIONS SIGNAL INTERCONNECT

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	AS-BUILT	8/7/12	DTN

PN: 709524

DATUM:	SPCS / NGVD 29(47)
SURVEY:	COS
HORIZ SCALE:	AS SHOWN
VERT SCALE:	AS SHOWN
DESIGN:	HDR
DRAWN:	JAK
CHECKED:	
APPROVED:	

SHEET TITLE

SCHEDULE 'B'
INTERSECTION ENLARGEMENT
SCHEDULE 'C'
TRAFFIC CAMERA PLAN
COMMERCIAL ST/CENTER ST

SG-227

SHEET 60 OF 108

8/23/2012 8:49:28 AM
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