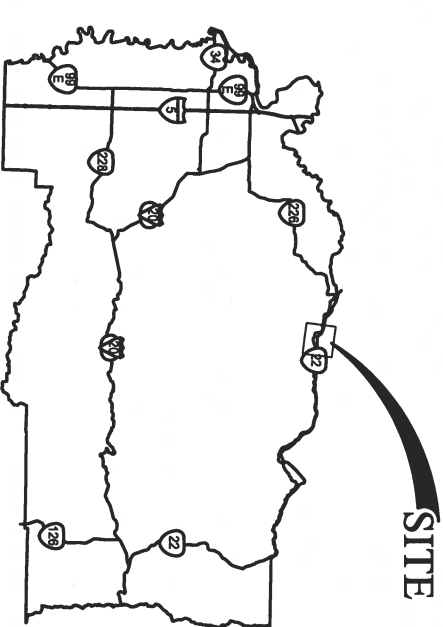


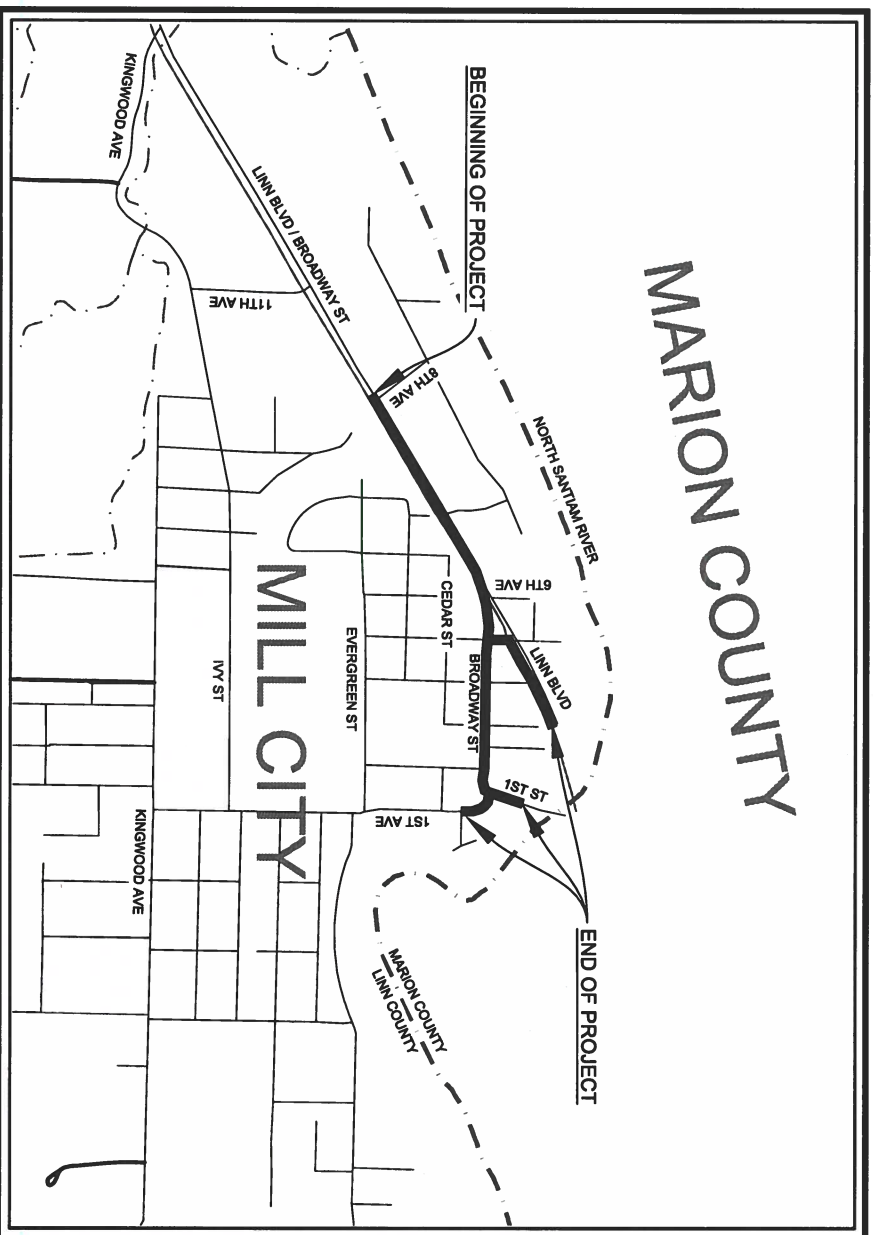
LINN COUNTY ROAD DEPARTMENT

OVERALL PROJECT LENGTH: 0.40 MILES

Curbs, Walks, Earthwork, Drainage, Lighting & Paving
**MILL CITY DOWNTOWN
 REVITALIZATION PROJECT**
 BROADWAY STREET
 FEDERAL AID NO. T17HC019
 LINN COUNTY
 DECEMBER 2020



PROJECT LOCATION



ATTENTION:
 Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain a copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is (503) 232-1987.)



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 987-2919
 FAX: (541) 924-0232
 E-MAIL: Road@aol.com

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

DATE:	REVISION:	BY:	ROAD NO.:	DATE:
			CR0008	10/16/2020
			CR1102	
			785: T08S ROGE SEC 30, W.M.	
			DESIGNED BY: d.malone	CHECKED BY: d.iland
			DRAFTED BY: d.malone	REVIEWED BY: c.knoll

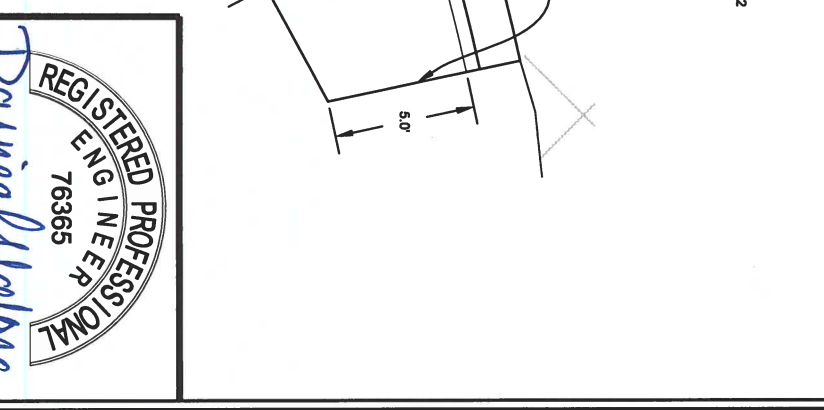
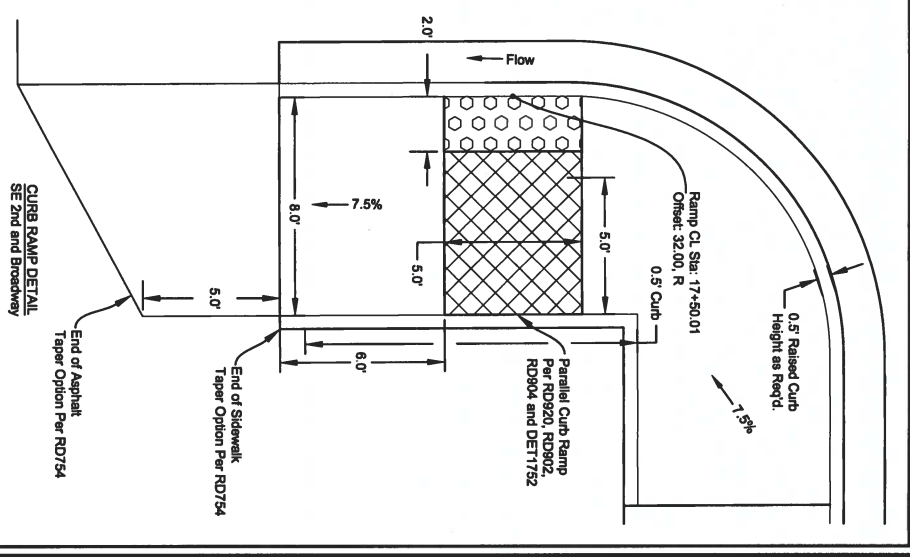
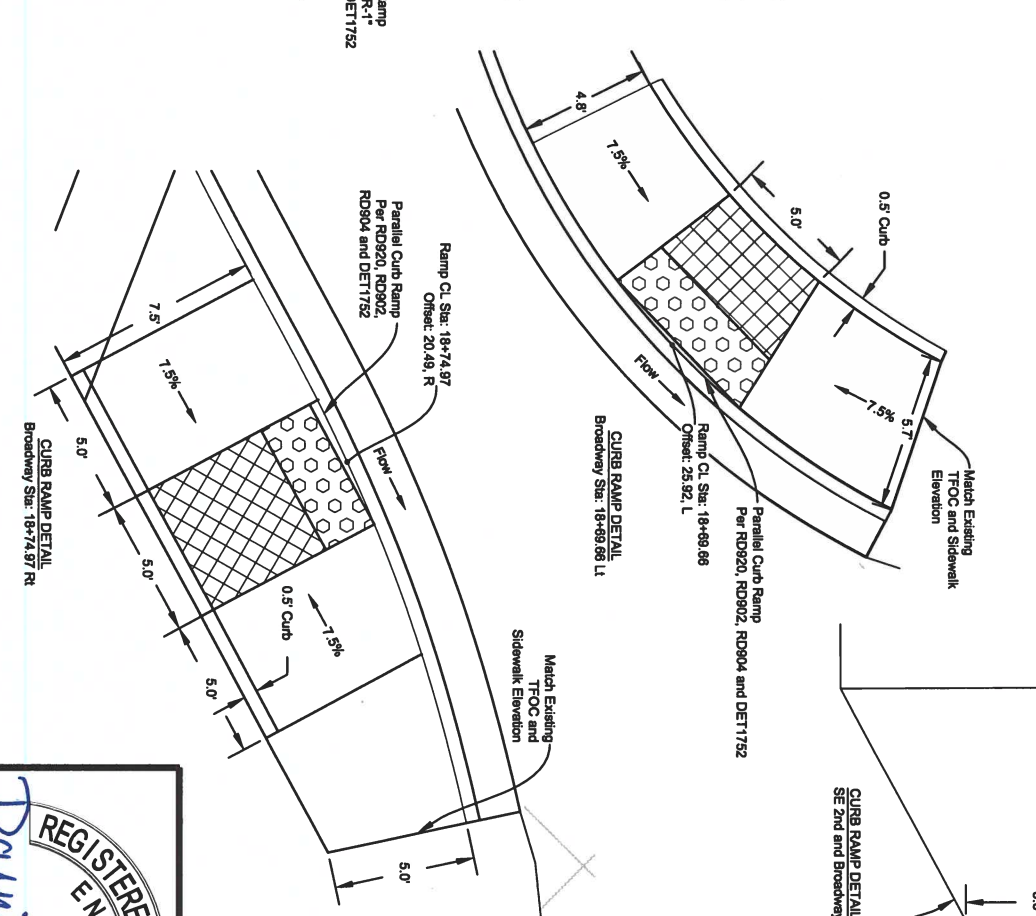
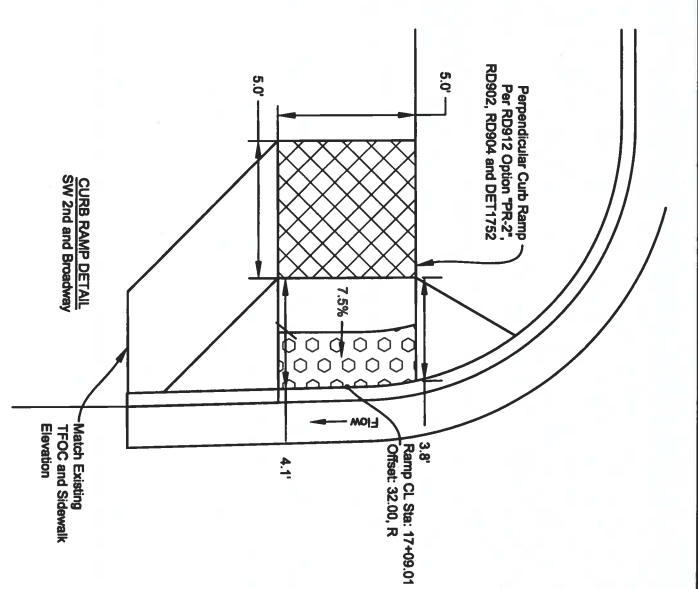
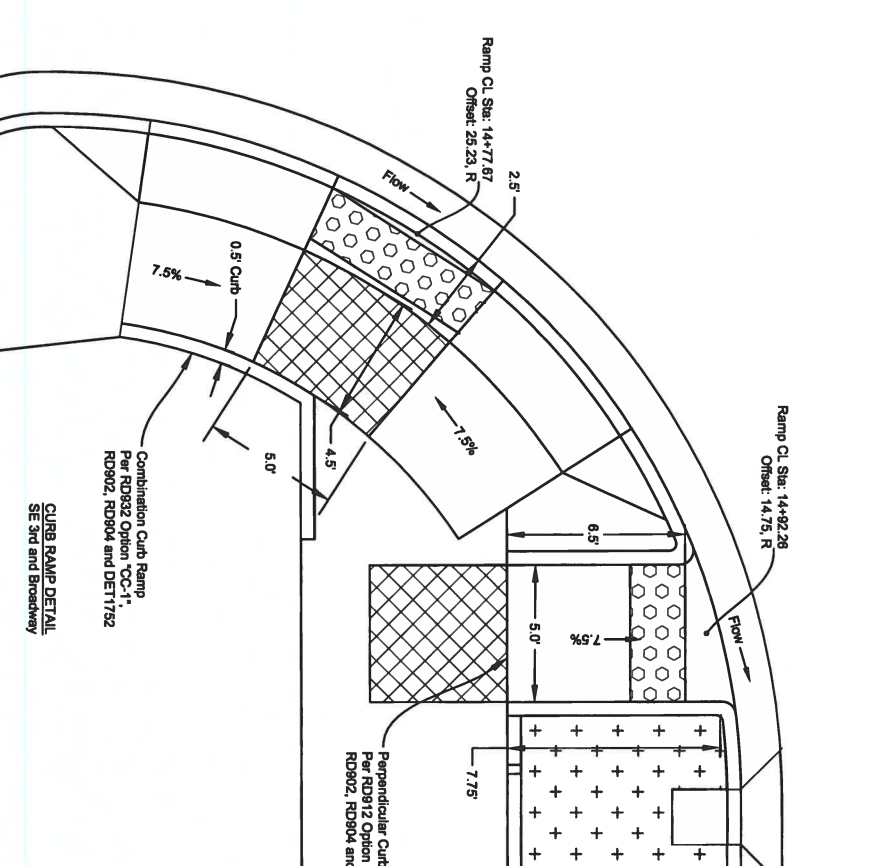
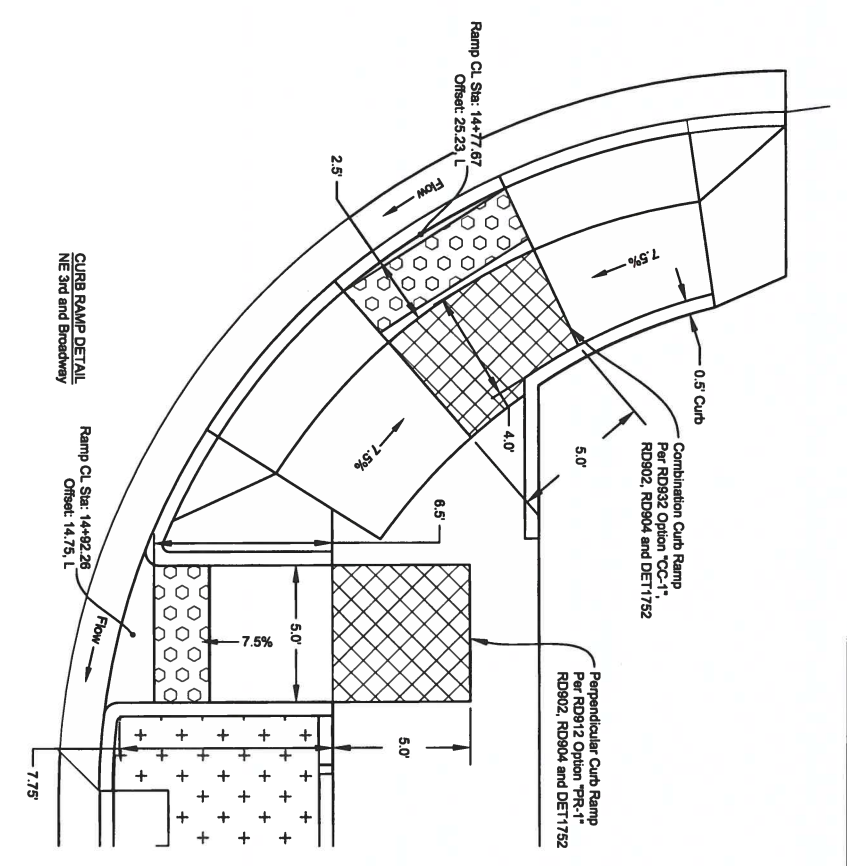
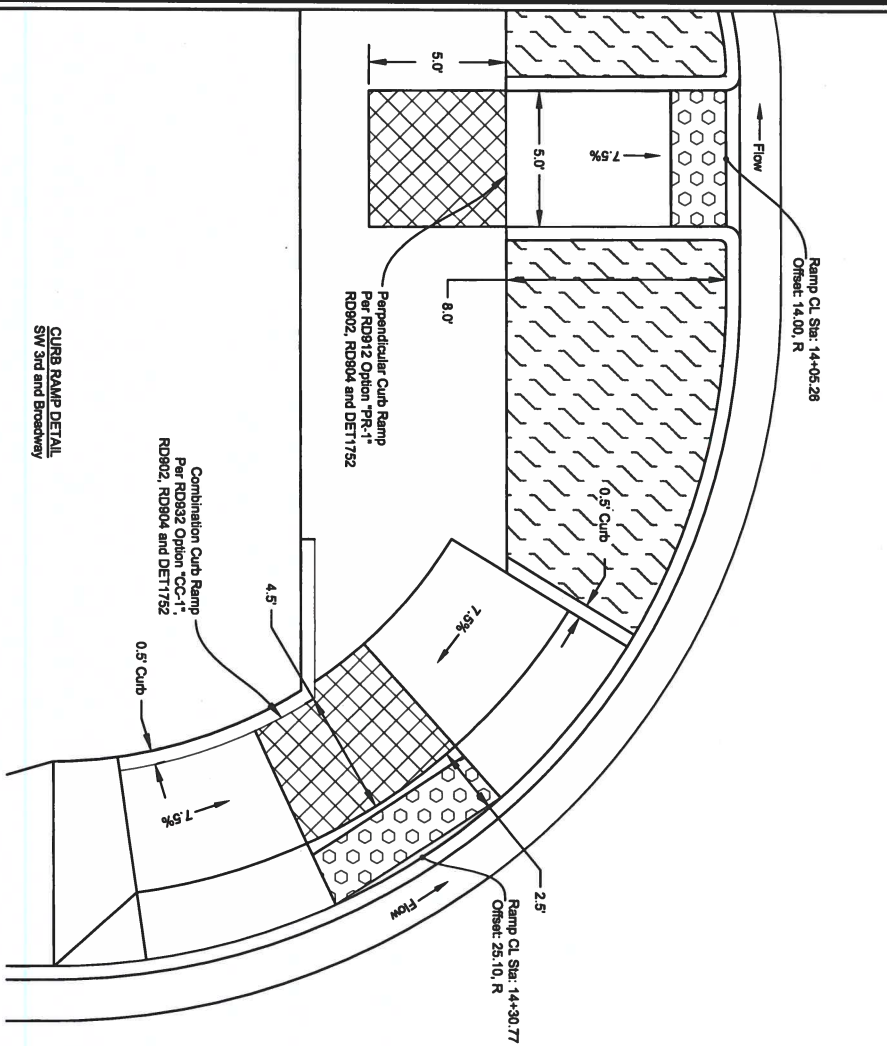
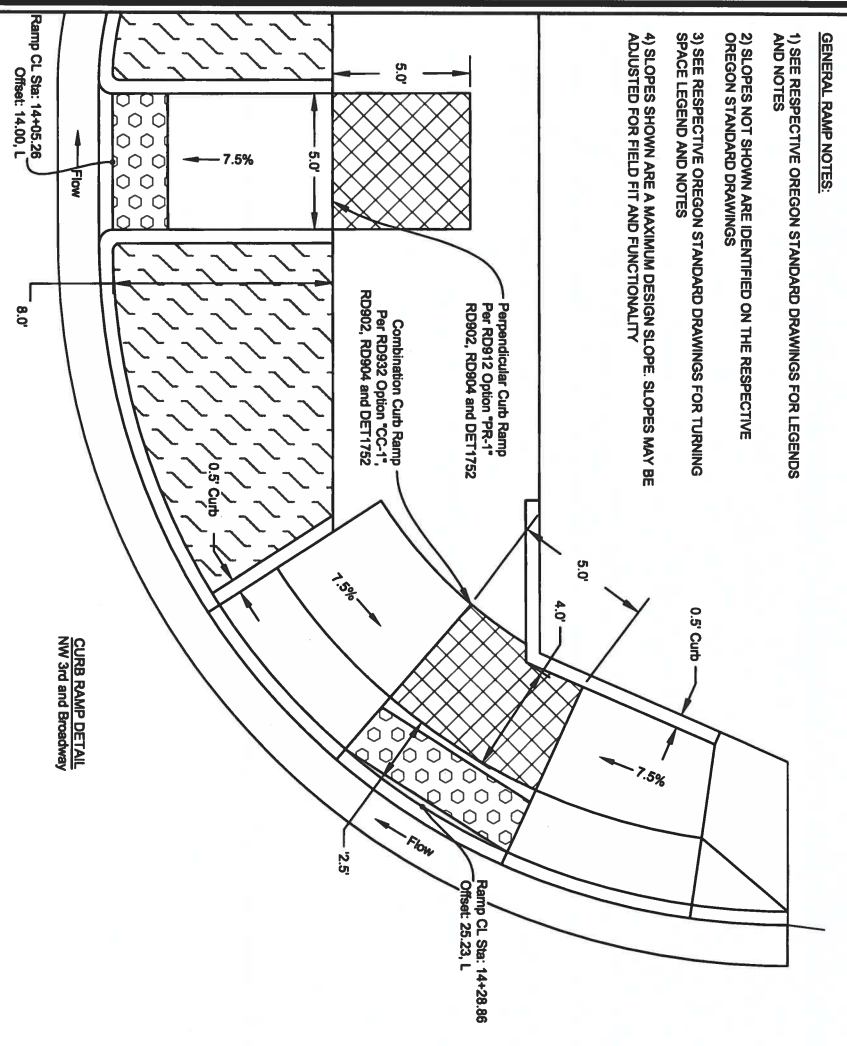
**MILL CITY DOWNTOWN
 REVITALIZATION PROJECT**
 BROADWAY STREET
 LINN COUNTY

COVER SHEET
 SCALE: no scale
 SHEET 1

SHEET INDEX	
SHEET 1	COVER SHEET
SHEET INDEX	NOTES, ABBREVIATIONS, LEGEND AND STD DRAWING NOS
SHEET 2	

REGISTERED PROFESSIONAL ENGINEER
 9174
 JULY 22, 1977
 OREGON
 CHARLES RYAN KNOLL
 EXPIRES 06/30/21

- GENERAL RAMP NOTES:**
- 1) SEE RESPECTIVE OREGON STANDARD DRAWINGS FOR LEGENDS AND NOTES
 - 2) SLOPES NOT SHOWN ARE IDENTIFIED ON THE RESPECTIVE OREGON STANDARD DRAWINGS
 - 3) SEE RESPECTIVE OREGON STANDARD DRAWINGS FOR TURNING SPACE LEGEND AND NOTES
 - 4) SLOPES SHOWN ARE A MAXIMUM DESIGN SLOPE. SLOPES MAY BE ADJUSTED FOR FIELD FIT AND FUNCTIONALITY



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97132
 PHONE: (541) 877-3818
 FAX: (541) 824-0202
 E-MAIL: Roaddep@linn.or.us

COUNTY COMMISSION
 ROGER INVOLUST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

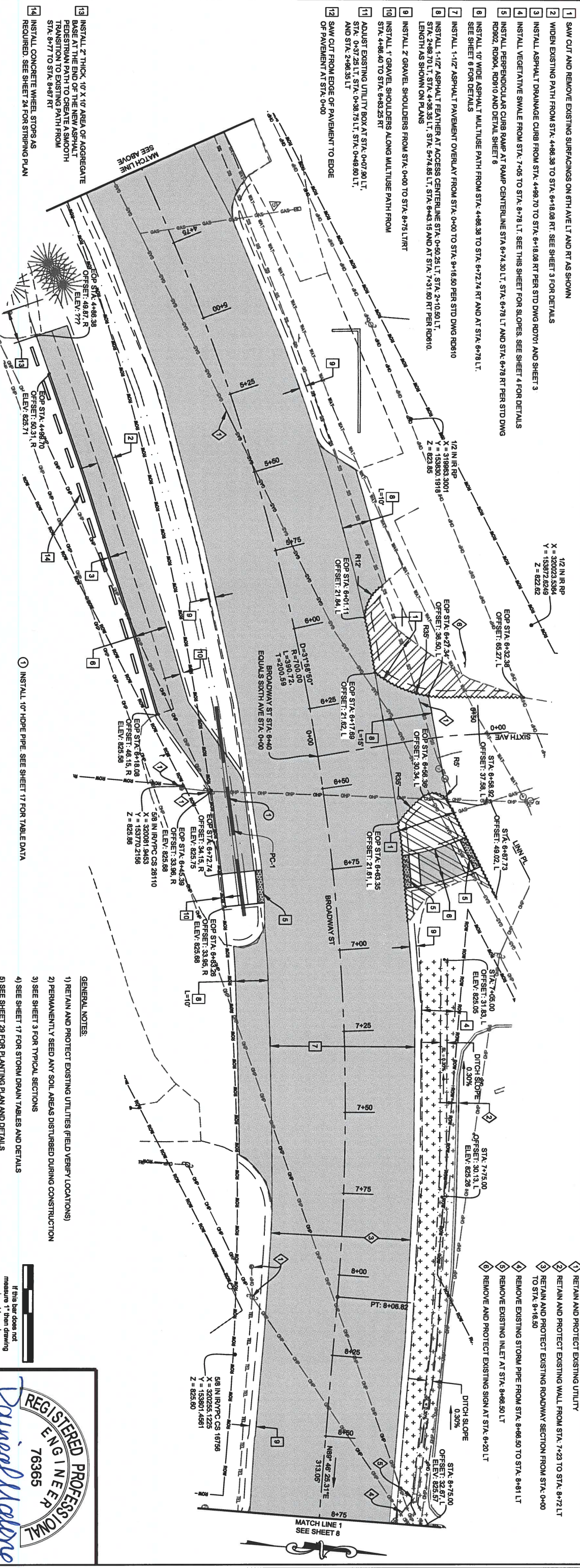
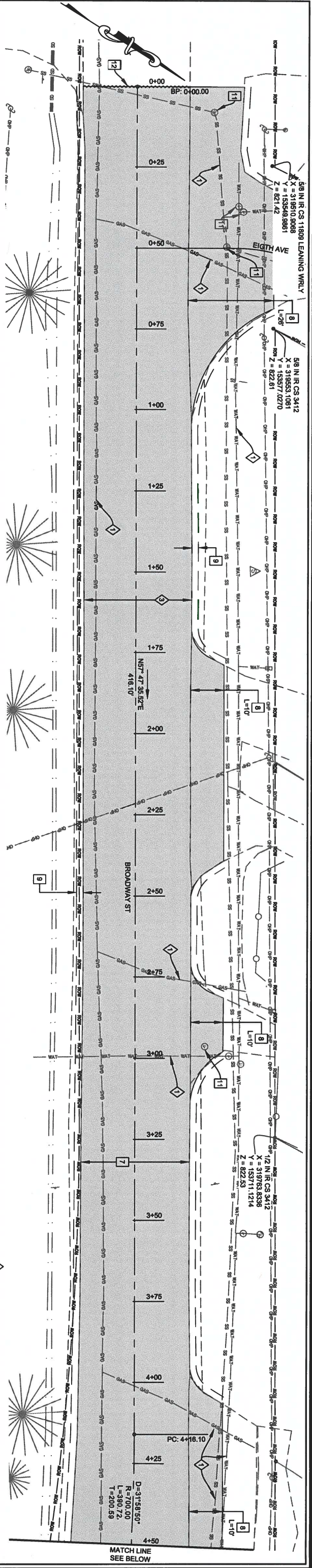
ROADMASTER
 WAYNE E. MINK, P.E.
 COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

DATE:	REVISION:	BY:	ROAD NO.:	DATE:
			CR0006	10/16/2020
			PROJECT NO.: CR1702	
			TSS: T098 R03E SEC 30, W.M.	
			DESIGNED BY: d.melaine	CHECKED BY: d.laund
			DRAFTED BY: d.melaine	REVIEWED BY: c.knoll

MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

DETAILS
 CURB RAMPS
 BROADWAY ST AT THIRD AVE.
 SECOND AVE AND STA. 18+70

REGISTERED PROFESSIONAL ENGINEER
 76365
 David Malone
 OREGON
 May 23, 2013
 DAVID NEAL MALONE
 RENEWS: 12/31/2020



- 1 SAW CUT AND REMOVE EXISTING SURFACINGS ON 6TH AVE LT AND RT AS SHOWN
- 2 WIDEN EXISTING PATH FROM STA. 4+88.38 TO STA. 6+18.08 RT. SEE SHEET 3 FOR DETAILS
- 3 INSTALL ASPHALT DRAINAGE CURB FROM STA. 4+88.70 TO STA. 6+18.08 RT PER STD DWG RD071 AND SHEET 3
- 4 INSTALL VEGETATIVE SHALE FROM STA. 7+05 TO STA. 8+78 LT. SEE THIS SHEET FOR SLOPES. SEE SHEET 4 FOR DETAILS
- 5 INSTALL PERPENDICULAR CURB RAMP AT RAMP CENTRLINE STA. 8+74.30 LT. STA. 8+78 LT AND STA. 8+78 RT PER STD DWG RD082, RD084, RD090 AND DETAIL SHEET 6
- 6 INSTALL 10" WIDE ASPHALT MULTILISE PATH FROM STA. 4+88.38 TO STA. 6+72.74 RT AND AT STA. 6+78 LT. SEE SHEET 6 FOR DETAILS
- 7 INSTALL 1-1/2" ASPHALT PAVEMENT OVERLAY FROM STA. 0+00 TO STA. 6+16.50 PER STD DWG RD010
- 8 INSTALL 1-1/2" ASPHALT FEATHER AT ACCESS CENTRLINE STA. 0+50.25 LT. STA. 2+10.50 LT. STA. 2+88.70 LT. STA. 4+36.35 LT. STA. 5+74.88 LT. STA. 6+43.15 AND AT STA. 7+31.80 RT PER STD DWG. LENGTH AS SHOWN ON PLANS
- 9 INSTALL 2 GRAVEL SHOULDERS FROM STA. 0+00 TO STA. 8+75 LT/RT
- 10 INSTALL 1" GRAVEL SHOULDERS ALONG MULTILISE PATH FROM STA. 4+88.40 TO STA. 6+83.25 RT
- 11 ADJUST EXISTING UTILITY BOX AT STA. 0+07.20 LT. STA. 0+37.25 LT. STA. 0+38.75 LT. STA. 0+48.80 LT. AND STA. 2+88.35 LT
- 12 SAW CUT FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AT STA. 0+00
- 13 INSTALL 2" THICK, 10' X 10' AREA OF AGGREGATE BASE AT THE END OF THE NEW ASPHALT PEDESTRIAN PATH TO CREATE A SMOOTH TRANSITION TO EXISTING PATH FROM STA. 8+77 TO STA. 8+81 RT
- 14 INSTALL CONCRETE WHEEL STOPS AS REQUIRED. SEE SHEET 24 FOR STRIPING PLAN

- GENERAL NOTES:**
- 1) RETAIN AND PROTECT EXISTING UTILITIES (FIELD VERIFY LOCATIONS)
 - 2) PERMANENTLY SEED ANY SOIL AREAS DISTURBED DURING CONSTRUCTION
 - 3) SEE SHEET 3 FOR TYPICAL SECTIONS
 - 4) SEE SHEET 17 FOR STORM DRAIN TABLES AND DETAILS
 - 5) SEE SHEET 29 FOR PLANTING PLAN AND DETAILS

① INSTALL 10" HOPE PIPE. SEE SHEET 17 FOR TABLE DATA



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 987-9319
 FAX: (541) 924-0202
 E-MAIL: Road@co.linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

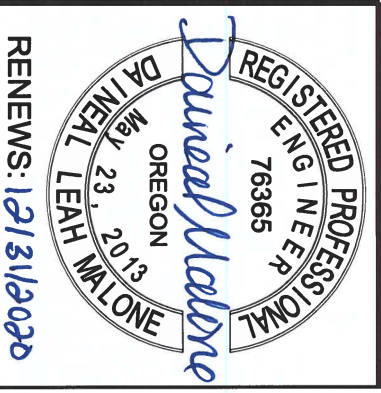
REVISION/	DATE:	BY:
ROAD NO. CR0066	DATE: 10/16/2020	
PROJECT NO. CR1702		
TSS: 1095 R03E SEC 30, W1M		
DESIGNED BY: d.malone	CHECKED BY: d.liland	
DRAFTED BY: d.malone	REVIEWED BY: c.knoll	

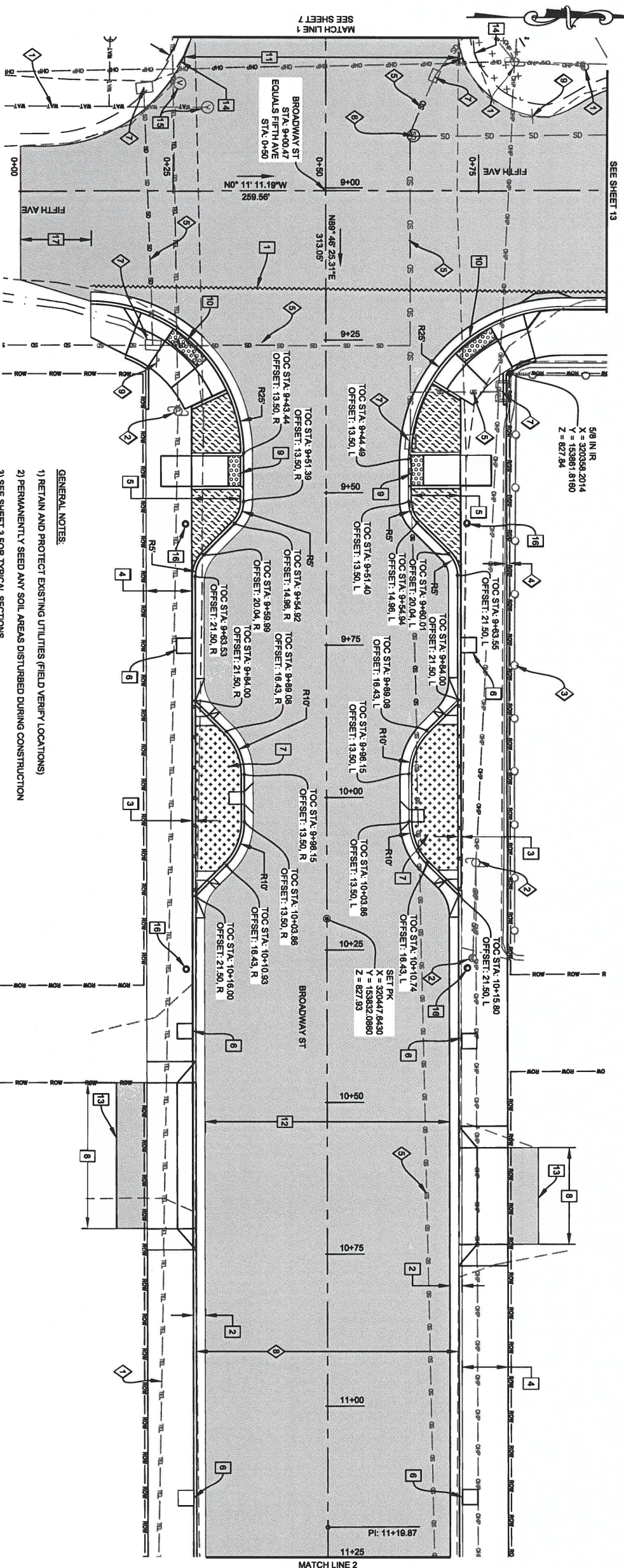
MILL CITY DOWNTOWN REVITALIZATION PROJECT
BROADWAY STREET
 LINN COUNTY

PLAN SHEET
 BROADWAY ST
 STA. 0+00 TO STA. 8+75

SCALE: 1" = 30'

SHEET 7

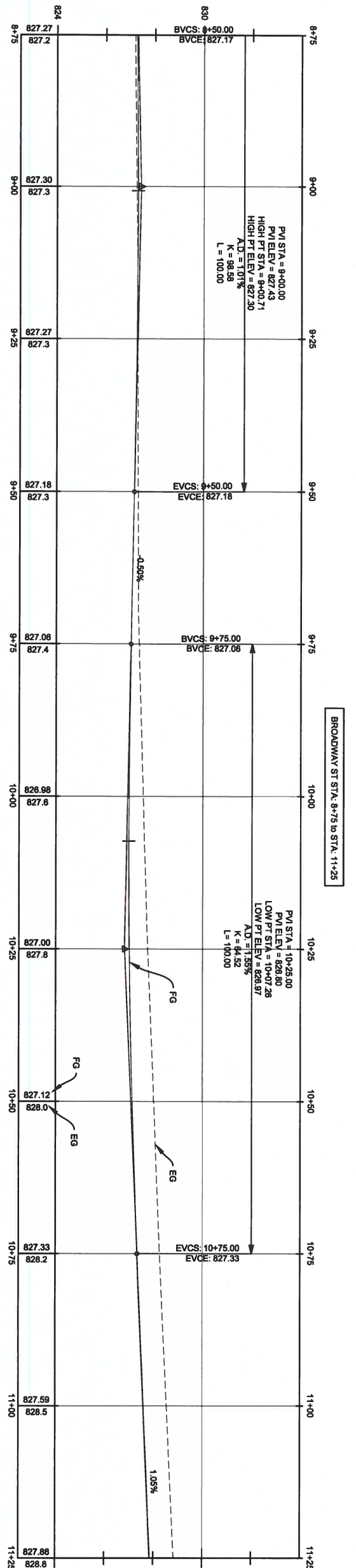




- 1) RETAIN AND PROTECT EXISTING UTILITY
- 2) UTILITY TO BE RELOCATED BY OTHERS AT STA. 9+36.50 RT, STA. 10+11 LT AND STA. 10+26.50 LT
- 3) RETAIN AND PROTECT EXISTING FENCE FROM STA. 9+30 TO STA. 10+24 LT
- 4) REMOVE EXISTING BLOCK WALL FROM STA. 9+30 TO STA. 10+24 LT
- 5) REMOVE EXISTING STORM PIPE FROM STA. 9+66.50 TO STA. 9+81 LT, STA. 9+81 TO STA. 9+81 LT, STA. 9+41.50 TO STA. 9+41.50 TO STA. 11+25 LT, STA. 9+83.25 TO STA. 9+23.75 RT, AT STA. 9+23.75 TO STA. 9+24 RT
- 6) REMOVE EXISTING MANHOLE AT STA. 8+91 LT
- 7) REMOVE EXISTING INLET AT STA. 8+91 LT, STA. 8+83.25 RT, 9+25.75 RT, STA. 9+34 LT AND STA. 9+41.50 LT
- 8) REMOVE EXISTING ASPHALT FROM EOP TO EOP FROM STA. 9+16.50 TO STA. 18+90
- 9) REMOVE AND PROTECT EXISTING SIGN AT STA. 8+88 LT AND STA. 9+25 RT
- 1) SAW CUT FROM EXISTING EOP TO EXISTING EOP AT STA. 9+16.50
- 2) INSTALL 24" CURB AND GUTTER PER STD DWG RD700. SEE THIS SHEET AND SHEET 3 FOR STATIONING AND DETAILS
- 3) INSTALL DRAINAGE CURB FROM STA. 8+88 TO STA. 10+16 LT/RT PER STD DWG RD720 AND DETAIL SHEET 6
- 4) INSTALL 7.5" SIDEWALK PER STD DWG RD720. SEE THIS SHEET AND SHEET 3 FOR STATIONING AND DETAILS
- 5) INSTALL 8" TO 0" BUFFER STRIP FROM STA. 8+33 TO STA. 9+83.55 LT AND FROM STA. 9+34.32 TO STA. 9+83.53 RT PER STD DWG RD721 AND SHEETS 3, 28 AND 29
- 6) INSTALL 2.5" X 2.5" TREE WELL AT STA. 9+75 LT, STA. 9+75 RT, STA. 10+38 RT, STA. 10+40 LT, STA. 11+15 LT AND STA. 11+15 RT
- 7) INSTALL BIOCELL FROM STA. 9+84 TO STA. 10+16 LT/RT PER DETAIL SHEETS 3, 6 AND 7
- 8) INSTALL OPTION "C" DRIVEWAY AT ACCESS CENTERLINE STA. 10+88.88 RT, W = 24' AND STA. 10+88.50 LT, W = 16' PER STD DWG RD745
- 9) INSTALL PERPENDICULAR CURB RAMP OPTION "PK-4" AT RAMP CENTERLINE STA. 9+46.38 LT/RT PER STD DWG RD502, RD504, RD512, DET1752 AND DETAILS SHEET 4
- 10) INSTALL COMBINATION CURB RAMP OPTION "CC-1" AT RAMP CENTERLINE STA. 9+24+82 LT AND STA. 9+25.53 RT PER STD DWG RD502, RD504, RD522, DET1752 AND DETAILS SHEET 4
- 11) INSTALL 1-1/2" ASPHALT PAVEMENT OVERLAY FROM STA. 0+00 TO STA. 9+16.50 PER STD DWG RD610
- 12) INSTALL ASPHALT ROADWAY SECTION, WIDTH VARIES SEE THIS SHEET AND SHEET 3 FOR STATIONING AND DETAILS
- 13) INSTALL 3" THICK ASPHALT LANDING 5 FEET BEYOND BACK OF WALK AT DRIVEWAY CENTERLINE STA. 10+58.88 RT AND STA. 10+85.50 LT
- 14) INSTALL 2 GRAVEL SHOULDERS FROM STA. 0+00 TO STA. 8+75 LT/RT
- 15) ADJUST EXISTING UTILITY BOX AT STA. 8+42.50 RT AND STA. 8+86.50 RT
- 16) INSTALL FLAG POLE RECEPTACLE IN SIDEWALK AT STA. 9+50 LT/RT AND STA. 10+26 LT/RT SEE SHEET 8 FOR DETAILS
- 17) INSTALL ASPHALT FEATHER FROM FIFTH AVE STA. 0+00 TO STA. 0+11.50

GENERAL NOTES:

- 1) RETAIN AND PROTECT EXISTING UTILITIES (FIELD VERIFY LOCATIONS)
- 2) PERMANENTLY SEED ANY SOIL AREAS DISTURBED DURING CONSTRUCTION
- 3) SEE SHEET 3 FOR TYPICAL SECTIONS
- 4) SEE SHEET 16 FOR INTERSECTION DETAILS
- 5) SEE SHEETS 6 AND 17 FOR STORM DRAIN TABLES AND DETAILS
- 6) SEE SHEETS 27, 28 AND 29 FOR PLANTING PLAN AND DETAILS

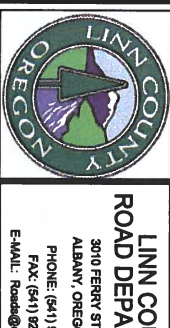


DATE:		REVISION:	

ROAD NO.:	CR0006	DATE:	10/16/2020
PROJECT NO.:	CR11702	CHECKED BY:	d.larsen
DESIGNED BY:	TOMAS ROSE SEC 30, W.M.	REVIEWED BY:	c.lindell
DRAFTED BY:	d.malione		

PLAN AND PROFILE SHEET
BROADWAY ST
STA. 8+75 TO STA. 11+25
AND FIFTH AVE

SHEET 8



LINN COUNTY ROAD DEPARTMENT
3010 FERRY STREET SW
ALBANY, OREGON 97322
PHONE: (541) 987-3819
FAX: (541) 924-0202
E-MAIL: Road@pc.linn.or.us

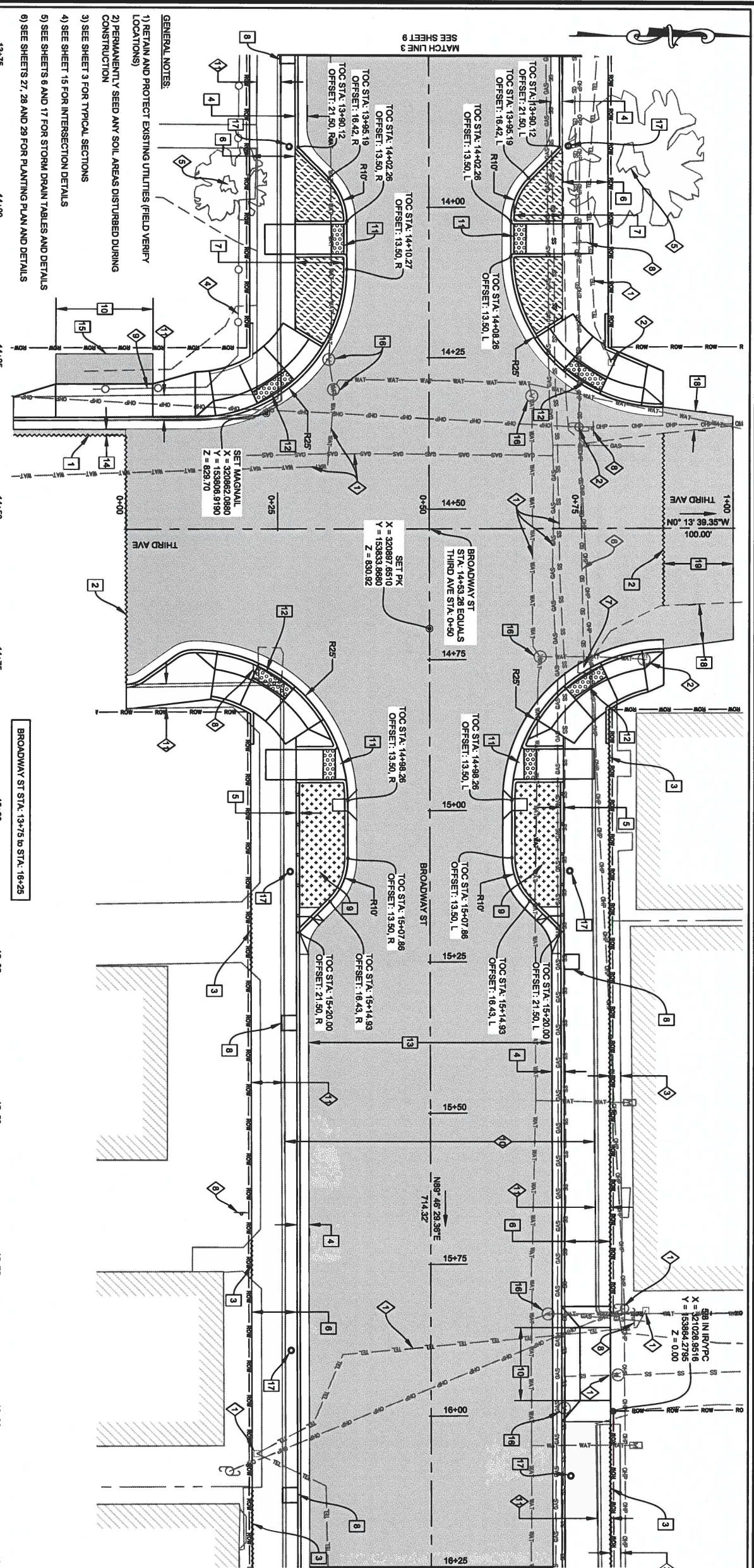
COUNTY COMMISSION
ROGER NYQUIST
CHAIRMAN
JOHN LINDSEY
WILLIAM TUCKER

ROADMASTER
WAYNE E. MINK, P.E.
COUNTY ENGINEER
CHARLES R. KNOLL, P.E.

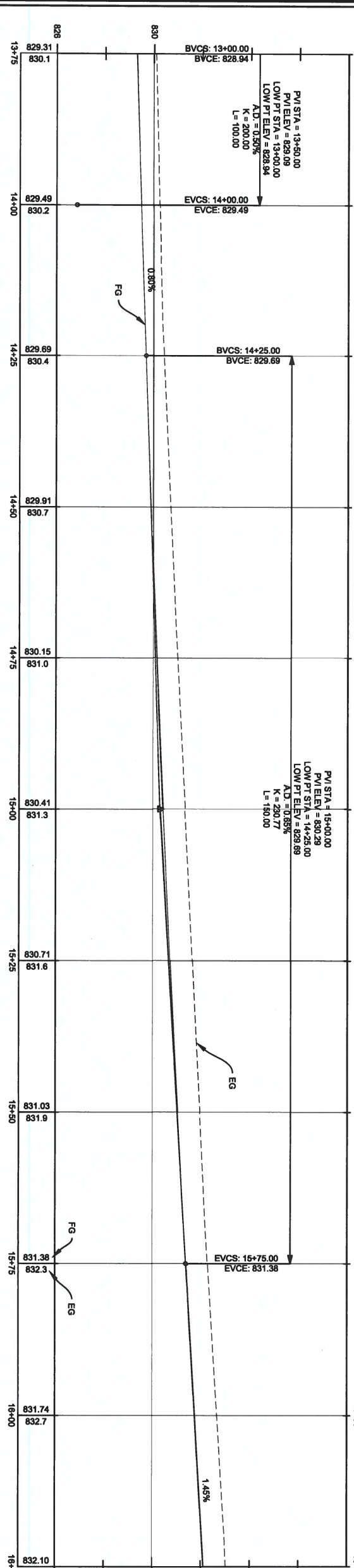
MILL CITY DOWNTOWN REVITALIZATION PROJECT
BROADWAY STREET
LINN COUNTY

SCALE: H. 1" = 20'
V. 1" = 5'

REGISTERED PROFESSIONAL ENGINEER
DAVID NEAL MALONE
76365
MAY 23, 2013
RENEWS: 12/31/2020



- 1 RETAIN AND PROTECT EXISTING UTILITY
- 2 UTILITY TO BE RELOCATED BY OTHERS AT STA. 14+25.75 LT. STA. 14+36.50 LT AND STA. 14+75 LT
- 3 RETAIN AND PROTECT EXISTING SIDEWALK FROM STA. 14+83 TO STA. 15+83.5 LT AND FROM STA. 16+01 TO STA. 17+77 LT
- 4 RETAIN AND PROTECT EXISTING TREE AT STA. 13+92 LT AND STA. 13+98.50 RT
- 5 RETAIN AND PROTECT EXISTING FENCE FROM STA. 13+34 TO STA. 14+23 RT
- 6 REMOVE EXISTING STORM PIPE FROM STA. 12+14.75 TO STA. 14+78.25 LT
- 7 REMOVE EXISTING INLET AT STA. 14+78.25 LT
- 8 REMOVE AND PROTECT EXISTING SIGN AT STA. 14+05 LT, STA. 14+37 LT, STA. 14+77 RT, STA. 15+94 LT AND STA. 15+88.25 RT
- 9 REMOVE AND RELOCATE EXISTING FENCE FROM STA. 14+23 TO THIRD AVE STA. 0+18.50
- 10 REMOVE EXISTING ASPHALT FROM EOP TO EOP FROM STA. 9+16.50 TO STA. 18+90
- 11 REMOVE EXISTING CURB, GUTTER AND SIDEWALK FROM STA. 13+31.75 TO STA. STA. 14+32 RT, STA. 14+78.50 TO STA. 17+10 RT, 14+82 TO STA. 15+83 LT, THIRD AVE STA. 0+18.50 TO STA. 0+25 LT AND FROM THIRD AVE STA. 0+00 TO STA. 0+28 RT
- 1 SAW CUT AND REMOVE EXISTING ASPHALT FROM NEW GUTTER LINE FROM THIRD AVE STA. 0+18.50 TO STA. 0+00 LT
- 2 SAW CUT AND REMOVE EXISTING ASPHALT FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AT THIRD AVE STA. 0+00 AND STA. 0+88.50
- 3 SAW CUT EXISTING SIDEWALK FROM STA. 14+83 TO STA. 15+83.50 LT, STA. 15+13.25 TO STA. 15+28.50 RT, STA. 15+70 TO STA. 05+77, STA. 16+12 TO STA. 18+39.75 RT AND FROM STA. 16+01.50 TO STA. 17+77.25 LT
- 4 INSTALL 24" CURB AND GUTTER PER STD DWG RD700. SEE THIS SHEET AND SHEET 3 FOR STATIONING AND DETAILS
- 5 INSTALL DRAINAGE CURB FROM STA. 14+85.25 TO STA. 15+20 LT/RT PER STD DWG RD720 AND DETAIL SHEET 6
- 6 INSTALL 7.5 SIDEWALK PER STD DWG RD720 AND RD722. SEE THIS SHEET AND SHEET 3 FOR STATIONING AND DETAILS
- 7 INSTALL 8" TO 6" BUFFER STRIP FROM STA. 13+98.25 TO STA. 14+20.45 LT AND FROM STA. 13+98.32 TO STA. 14+21.52 RT PER STD DWG RD721 AND SHEETS 3, 28 AND 29
- 8 INSTALL 2.5" X 2.5" TREE WELL AT STA. 13+75 RT, STA. 15+25 LT AND STA. 15+35 RT AND STA. 16+13 RT
- 9 INSTALL BIOCELL FROM STA. 14+85.25 TO STA. 15+20 LT/RT PER DETAIL SHEETS 3, 8 AND 17
- 10 INSTALL OPTION "C" DRIVEWAY AT ACCESS CENTERLINE STA. 15+91.50 LT, W = 12 AND AT THIRD AVE STA. 0+43.50 LT, W = 18 PER STD DWG RD745
- 11 INSTALL PERPENDICULAR CURB RAMP OPTION "PR-1" AT RAMP CENTERLINE STA. 14+05.28 LT/RT, STA. 14+82.28 LT/RT PER STD DWG RD802, RD804, RD912, DET1752 AND DETAIL SHEET 5
- 12 INSTALL COMBINATION CURB RAMP, OPTION "CC-1" AT RAMP CENTERLINE STA. 14+28.88 LT, STA. 14+30.77, STA. 14+77.87 LT/RT PER STD DWG RD802, RD804, RD822, DET1752 AND DETAIL SHEET 5
- 13 INSTALL ASPHALT ROADWAY SECTION, WIDTH VARIES SEE THIS SHEET AND SHEET 3 FOR STATIONING AND DETAILS
- 14 INSTALL 4" THICK ASPHALT PLUG FROM THIRD AVE STA. 0+18.50 TO STA. 0+00. DEPTH IS FROM GRIND ELEVATION
- 15 INSTALL 3" THICK ASPHALT LANDING 5 FEET BEYOND BACK OF WALK AT DRIVEWAY CENTERLINE THIRD AVE STA. 0+03.50 LT PER STD DWG RD810
- 16 ADJUST EXISTING UTILITY BOX AT STA. 14+25 RT, STA. 14+30 RT, STA. 14+31 LT, STA. 14+74.25 LT, STA. 15+83 LT AND STA. 15+88.75 LT
- 17 INSTALL FLAG POLE RECEPTACLE IN SIDEWALK AT STA. 13+90 LT/RT, STA. 15+10 LT/RT, STA. 15+89 RT AND STA. 16+10 LT. SEE SHEET 8 FOR DETAILS
- 18 WIDEN (CURB TO CURB WIDTH) AND OVERLAY THIRD AVE FROM STA. 0+88.50 TO STA. 1+00 LT/RT PER SEE SHEET 3
- 19 INSTALL ASPHALT FEATHER FROM THIRD AVE STA. 0+88.50 TO STA. 1+00



DATE: _____

REVISION:

NO.	DATE	BY	DESCRIPTION
1	10/18/2020		

ROAD NO: CR0006 DATE: 10/18/2020

PROJECT NO: CR1702

TSS: 1098 ROSE SEC 30, W.M.

DESIGNED BY: d.malone

CHECKED BY: d.laund

DRAFTED BY: d.malone

REVIEWED BY: c.knoll

PLAN AND PROFILE SHEET

BROADWAY ST

STA. 13+75 TO STA. 16+25

AND THIRD AVE

SCALE: H: 1" = 20'

V: 1" = 5'

SHEET 10

LINN COUNTY
ROAD DEPARTMENT

3010 FERRY STREET SW
ALBANY, OREGON 97322

PHONE: (541) 897-3918
FAX: (541) 824-0202
E-MAIL: Road@co.linn.or.us

COUNTY COMMISSION

ROGER NYQUIST
CHAIRMAN

JOHN LINDSEY
WILLIAM TUCKER

ROADMASTER

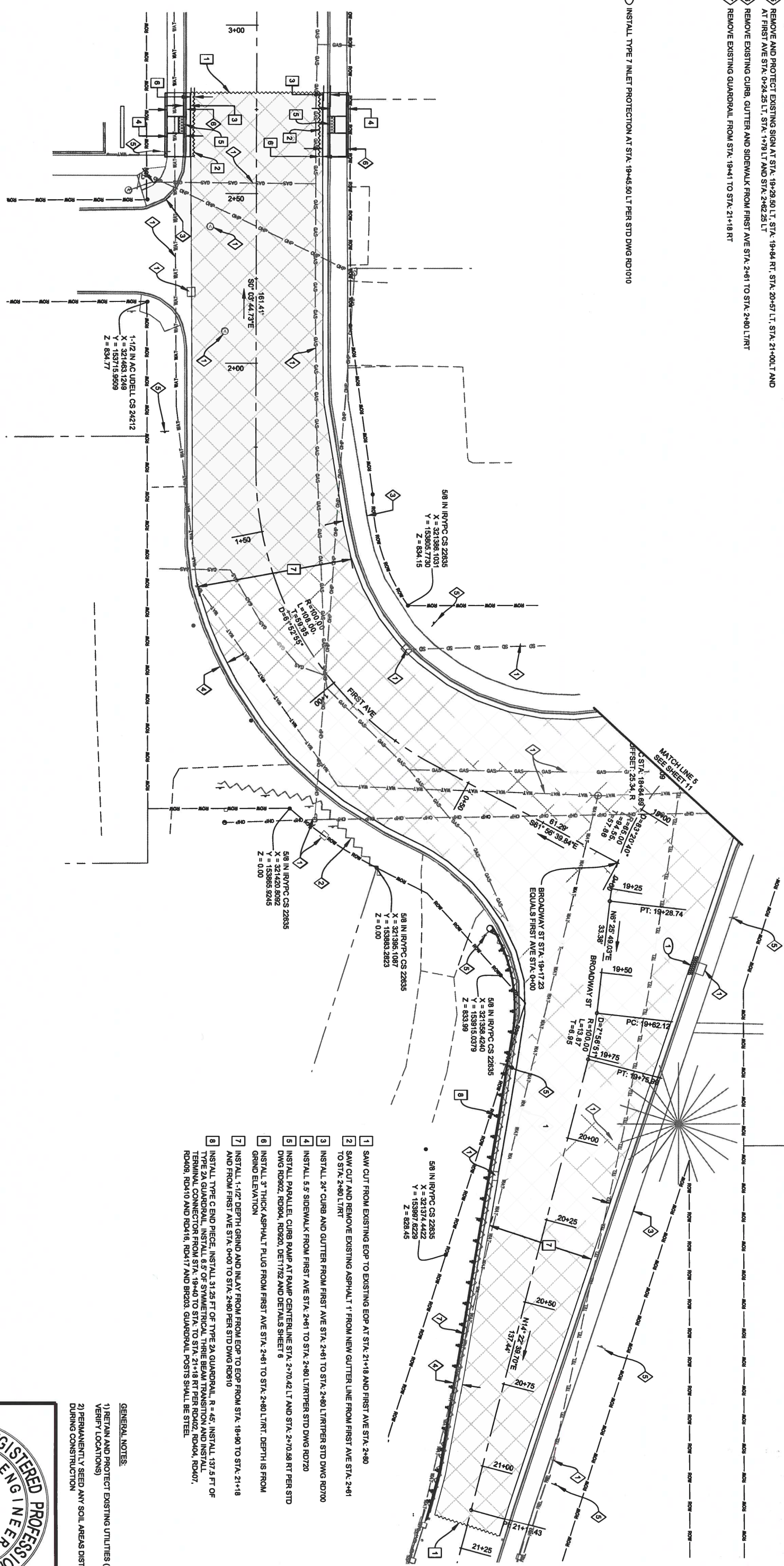
WAYNE E. MINK, P.E.
COUNTY ENGINEER

CHARLES R. KNOLL, P.E.

RENEWALS: 12/31/2020

- 1 RETAIN AND PROTECT EXISTING UTILITY
- 2 RETAIN AND PROTECT EXISTING GUARDRAIL FROM FIRST AVE STA. 0+58.50 TO STA. 0+99.50 LT
- 3 RETAIN AND PROTECT EXISTING CURB, GUTTER AND SIDEWALK FROM STA. 18+94.89 TO FIRST AVE STA. 2+61 RT, FROM STA. 18+86.84 TO STA. 21+18 LT AND FROM FIRST AVE STA. 2+45 TO STA. 2+61 LT
- 4 RETAIN AND PROTECT EXISTING CURB AND GUTTER FROM STA. 19+00 TO STA. 21+18 LT AND FROM FIRST AVE STA. 0+00 TO STA. 2+21 LT
- 5 REMOVE AND PROTECT EXISTING SIGN AT STA. 19+29.50 LT, STA. 19+94 RT, STA. 20+57 LT, STA. 21+00 LT AND AT FIRST AVE STA. 0+24.25 LT, STA. 1+19 LT AND STA. 2+62.25 LT
- 6 REMOVE EXISTING CURB, GUTTER AND SIDEWALK FROM FIRST AVE STA. 2+61 TO STA. 2+80 LT/RT
- 7 REMOVE EXISTING GUARDRAIL FROM STA. 19+41 TO STA. 21+18 RT

1 INSTALL TYPE 7 INLET PROTECTION AT STA. 19+45.50 LT PER STD DWG RD1010



- 1 SAW CUT FROM EXISTING EOP TO EXISTING EOP AT STA. 2+61 AND FIRST AVE STA. 2+80
- 2 SAW CUT AND REMOVE EXISTING ASPHALT FROM NEW GUTTER LINE FROM FIRST AVE STA. 2+61 TO STA. 2+80 LT/RT
- 3 INSTALL 24" CURB AND GUTTER FROM FIRST AVE STA. 2+81 TO STA. 2+80 LT/RT PER STD DWG RD700
- 4 INSTALL 5' SIDEWALK FROM FIRST AVE STA. 2+61 TO STA. 2+80 LT/RT PER STD DWG RD720
- 5 INSTALL PARALLEL CURB RAMP AT RAMP CENTERLINE STA. 2+70.42 LT AND STA. 2+70.58 RT PER STD DWG RD902, RD904, RD920, DET1752 AND DETAILS SHEET 6
- 6 INSTALL 3" THICK ASPHALT PLUG FROM FIRST AVE STA. 2+61 TO STA. 2+80 LT/RT. DEPTH IS FROM GRIND ELEVATION
- 7 INSTALL 1-1/2" DEPTH GRIND AND INLAY FROM EOP TO EOP FROM STA. 18+90 TO STA. 21+18 AND FROM FIRST AVE STA. 0+00 TO STA. 2+80 PER STD DWG RD510
- 8 INSTALL TYPE 24 GUARDRAIL, INSTALL 31.25 FT OF TYPE 24 GUARDRAIL, R = 45. INSTALL 131.5 FT OF TERMINAL CONNECTION FROM STA. 19+40 TO STA. 21+18 RT PER RD02, RD04, RD0407, RD05, RD010 AND RD016, RD017 AND BR023. GUARDRAIL POSTS SHALL BE STEEL.

GENERAL NOTES:
 1) RETAIN AND PROTECT EXISTING UTILITIES (FIELD VERIFY LOCATIONS)
 2) PERMANENTLY SEED ANY SOIL AREAS DISTURBED DURING CONSTRUCTION



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 967-3919
 FAX: (541) 924-0232
 E-MAIL: Road@co.linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.

COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

DATE:	REVISION:	BY:	ROAD NO.:	DATE:
			CR0006	10/16/2020
			PROJECT NO.:	
			CR11702	
			TRIS:	T095 ROSE SEC 30, W.M.
			DESIGNED BY:	d.malone
			CHECKED BY:	d.lead
			DRAFTED BY:	d.malone
			REVIEWED BY:	c.kroll

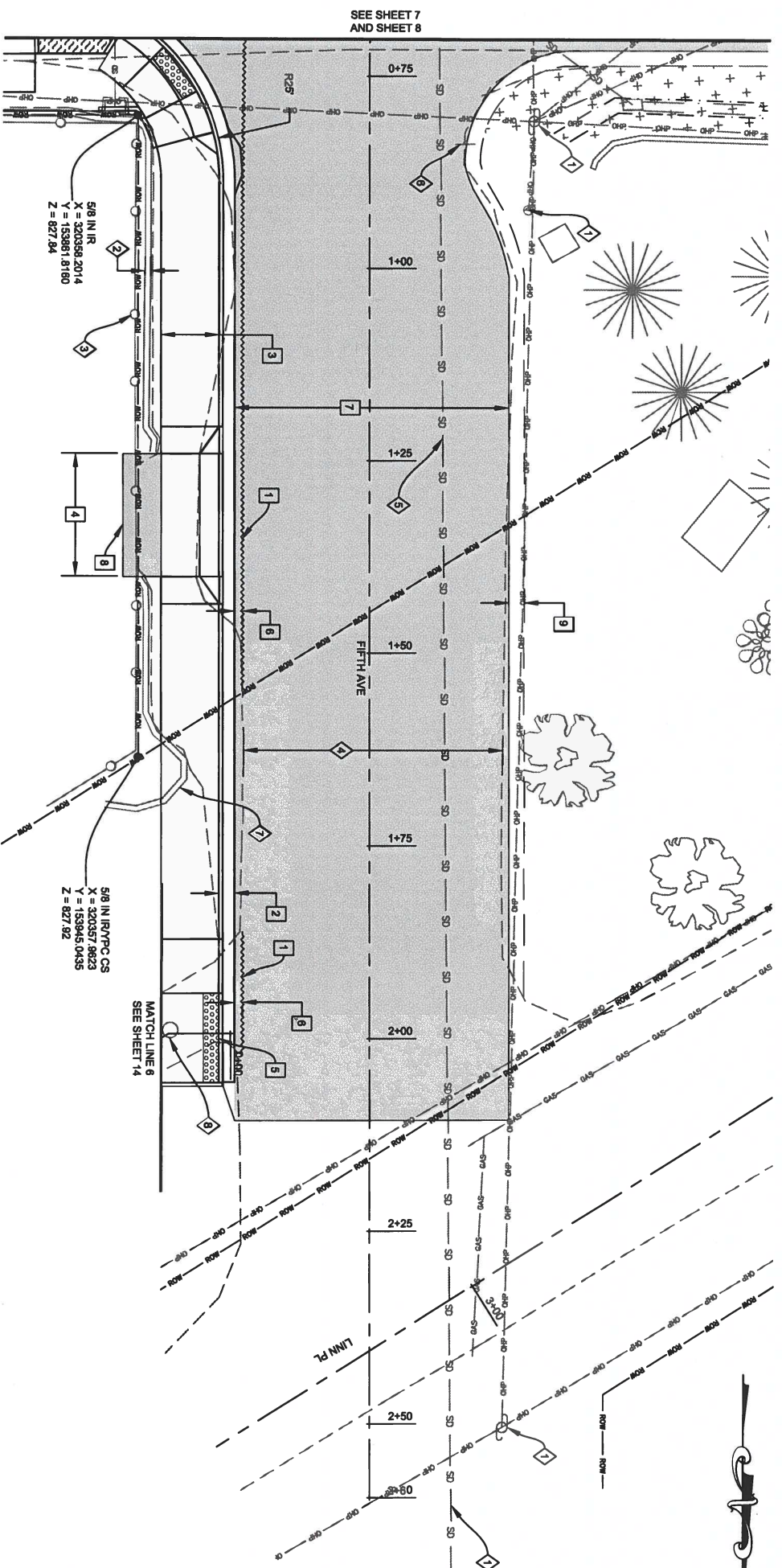
MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

PLAN SHEET
 BROADWAY ST
 STA. 18+90 TO STA. 21+18 AND
 FIRST AVE
 STA. 0+00 TO STA. 2+80

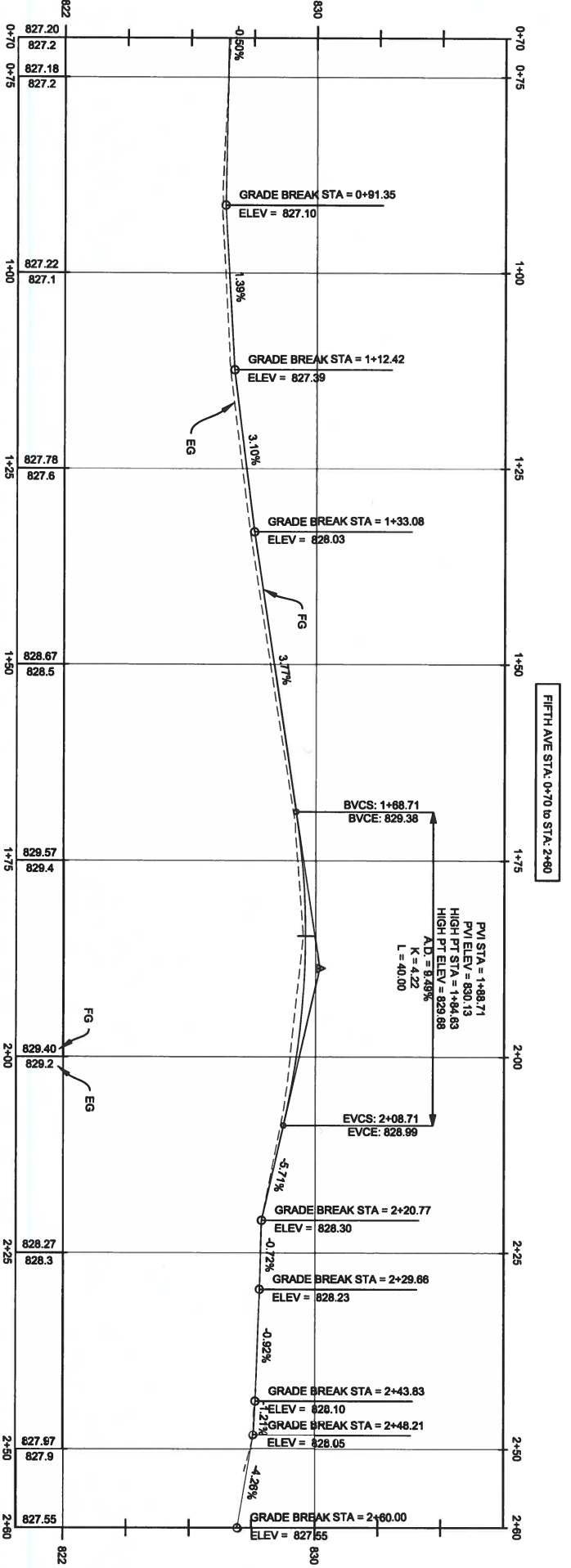
SCALE: 1" = 30'

SHEET 12

REGISTERED PROFESSIONAL ENGINEER
 76365
Daniel Malone
 OREGON
 May 23, 2013
 DAVID LEAH MALONE
 RENEWS: 12/31/2020



SEE SHEET 7 AND SHEET 8



FIFTH AVE STA: 0+70 to STA: 2+80

PVI STA = 1+88.71
 PVI ELEV = 830.13
 HIGH PT STA = 1+84.83
 HIGH PT ELEV = 829.88
 A/D = 5.235%
 K = 4.22
 L = 40.00

REVISION:

DATE:	BY:	ROAD NO.:	CR0008	DATE:	10/16/2020
		PROJECT NO.:	CR1702		
		DESIGNED BY:	d.malone	CHECKED BY:	d.heard
		DRAFTED BY:	d.malone	REVIEWED BY:	c.knoll

- 1 RETAIN AND PROTECT EXISTING UTILITY
- 2 RETAIN AND PROTECT EXISTING BLOCK WALL FROM STA. 0+81 TO STA. 1+60 RT
- 3 RETAIN AND PROTECT EXISTING FENCE FROM STA. 0+81 TO STA. 1+82.50 RT
- 4 RETAIN AND PROTECT EXISTING ROADWAY SECTION FROM EOP TO 1' BEYOND NEW GUTTER LINE FROM STA. 0+88 TO STA. 2+10
- 5 REMOVE EXISTING STORM PIPE FROM STA. 0+84 TO STA. 2+94 LT
- 6 REMOVE AND PROTECT EXISTING SIGN AT STA. 2+94 LT
- 7 REMOVE EXISTING BLOCK WALL FROM STA. 1+80 TO STA. 1+70.50 RT
- 8 REMOVE EXISTING BOLLARD AT STA. 1+88.75 RT

- 1 SAW CUT AND REMOVE EXISTING ASPHALT 1' FROM NEW GUTTER LINE FROM STA. 0+81 TO STA. 1+84.50 RT AND FROM STA. 1+88 TO STA. 2+02 RT
- 2 INSTALL 24" CURB AND GUTTER PER STD DWG RD700. SEE THIS SHEET AND SHEET 3 FOR STATIONING AND DETAILS
- 3 INSTALL 7.5 SIDEWALK PER STD DWG RD720. SEE THIS SHEET AND SHEET 3 FOR STATIONING AND DETAILS
- 4 INSTALL OPTION "C" DRIVEWAY AT ACCESS CENTERLINE STA. 1+32 RT, W = 18 PER STD DWG RD745
- 5 INSTALL UNIQUE CURB RAMP AT RAMP CENTERLINE STA. 1+93.75 RT PER STD DWG RD902, RD904, DET1732 AND DETAIL SHEET 6
- 6 INSTALL 4" THICK ASPHALT PLUG FROM 0+81 TO STA. 1+84.50 RT AND FROM STA. 1+88 TO STA. 2+02 RT PER STD DWG RD810
- 7 INSTALL 1-1/2" ASPHALT PAVEMENT OVERLAY FROM STA. 0+71.50 TO STA. 2+10. FEATHER END TO MATCH EXISTING ASPHALT ELEVATION.
- 8 INSTALL 3" THICK ASPHALT LANDING 5 FEET BEYOND BACK OF WALK AT DRIVEWAY CENTERLINE STA. 1+32 RT PER STD DWG RD610
- 9 INSTALL 2 GRAVEL SHOULDERS FROM 0+71.50 TO 2+10 LT

GENERAL NOTES:

- 1) RETAIN AND PROTECT EXISTING UTILITIES (FIELD VERIFY LOCATIONS)
- 2) PERMANENTLY SEED ANY SOIL AREAS DISTURBED DURING CONSTRUCTION
- 3) SEE SHEET 3 FOR TYPICAL SECTIONS
- 4) SEE SHEET 15 FOR INTERSECTION DETAILS
- 5) SEE SHEETS 6 AND 17 FOR STORM DRAIN TABLES AND DETAILS

If this bar does not measure 1" then drawing is not to scale



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 987-3919
 FAX: (541) 924-0202
 E-MAIL: Roaddep@linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

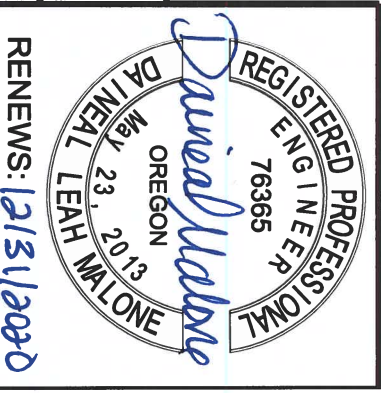
ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

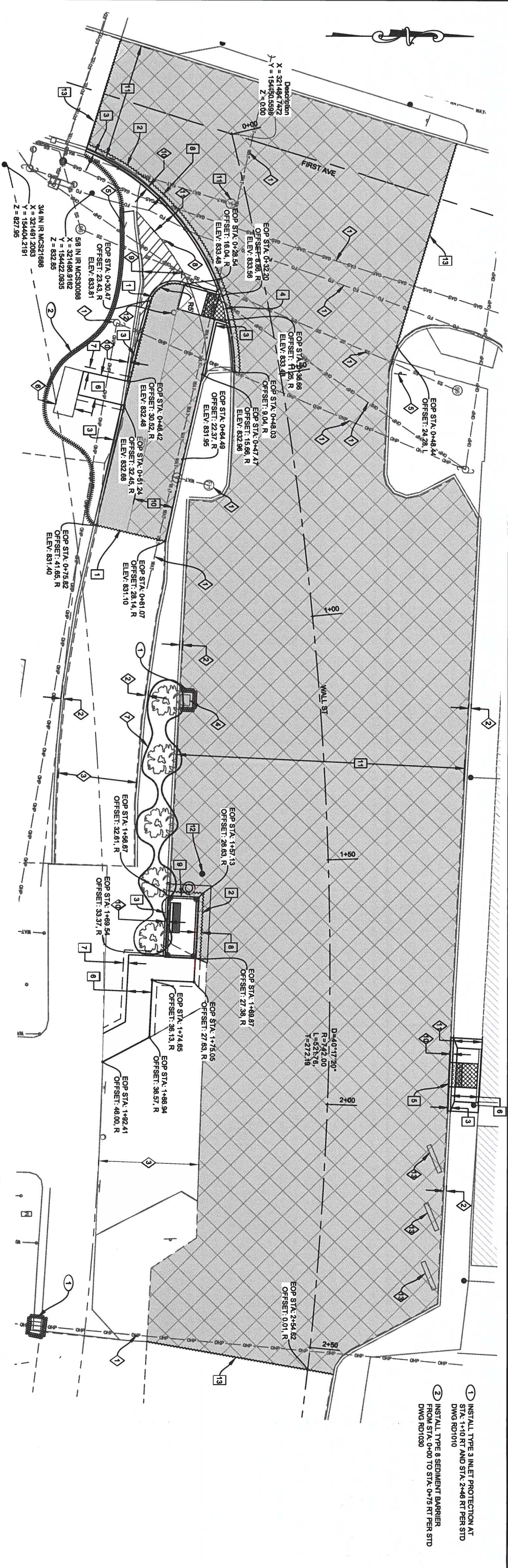
MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

PLAN AND PROFILE SHEET
 FIFTH AVE
 STA. 0+70 TO STA. 2+80

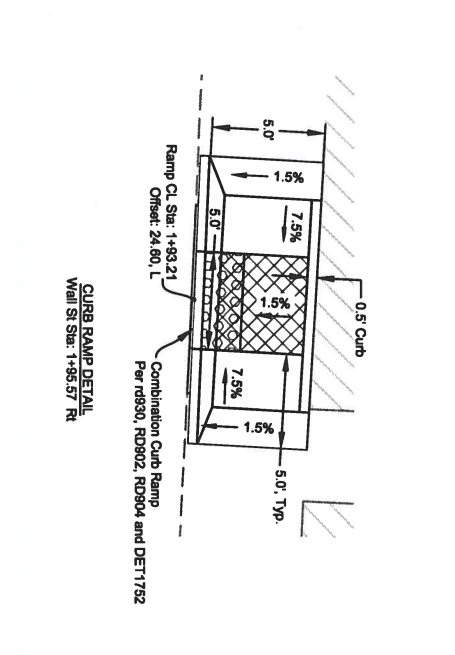
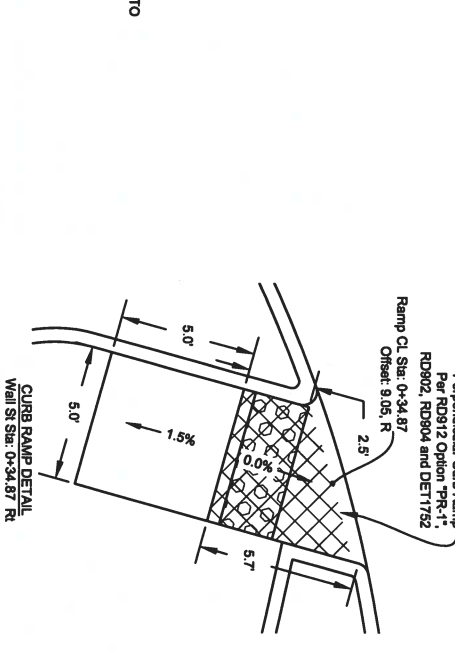
SCALE: H: 1" = 20'
 V: 1" = 5'

SHEET 13

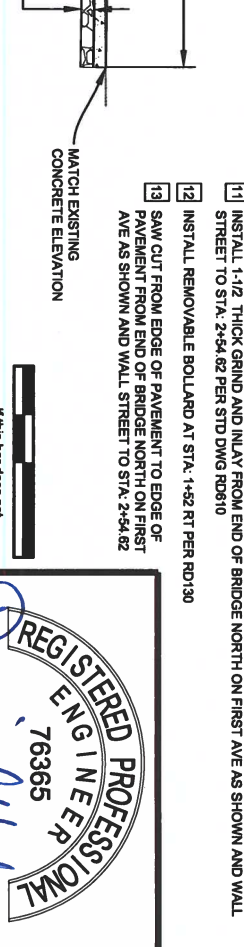
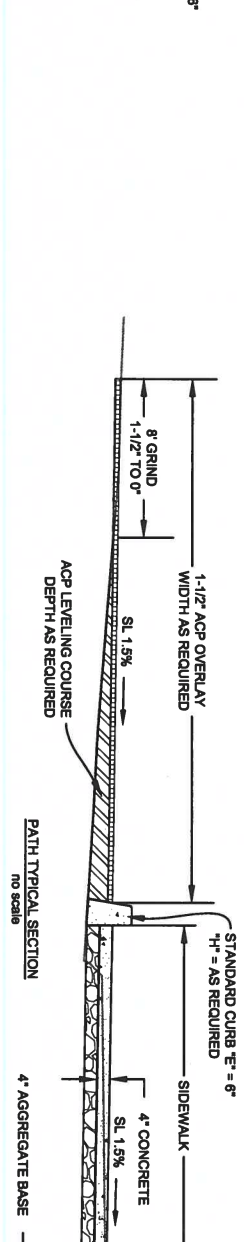
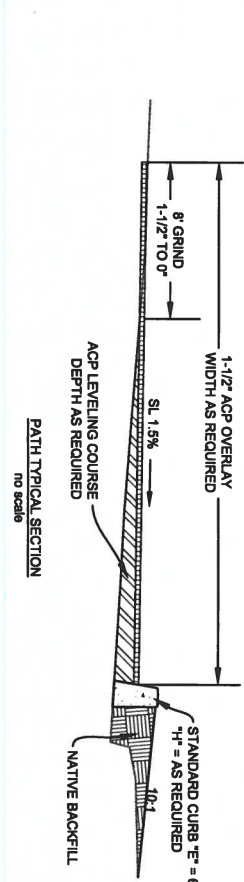




- ① RETAIN AND PROTECT EXISTING UTILITY
- ② RETAIN AND PROTECT EXISTING CURB FROM STA. 0+48.03 TO STA. +1+53.41 RT. STA. 0+48.03 TO STA. +1+50 RT. STA. 0+48.44 TO STA. +1+88.31 LT. STA. 0+78.82 TO STA. +1+50 RT. AND FROM STA. 2+42.83 TO STA. 2+54.82 LT
- ③ RETAIN AND PROTECT EXISTING ASPHALT AND CONCRETE
- ④ RETAIN AND PROTECT EXISTING INLET AT STA. 1+15 RT
- ⑤ RETAIN AND PROTECT EXISTING SIGN AT STA. 0+14 RT AND STA. 0+54 LT
- ⑥ RETAIN AND PROTECT EXISTING SITE FURNISHINGS FROM STA. 0+40.75 TO STA. 0+51.75 RT
- ⑦ RETAIN AND PROTECT EXISTING VEGETATION FROM STA. 1+15 TO STA. 1+85 RT
- ⑧ REMOVE EXISTING ASPHALT FROM STA. 0+11.50 TO SAW CUT LINES RT
- ⑨ REMOVE EXISTING CURB FROM END OF BRIDGE TO STA. 48+03 RT. STA. 0+11.25 TO STA. 0+75.82 RT. STA. +1+88.31 TO STA. +1+88 RT AND FROM STA. +1+85.85 TO STA. 2+40.47 LT
- ⑩ REMOVE EXISTING SIDEWALK FROM STA. 0+48.03 RT AND FROM +1+85.85 TO STA. 2+40.47 LT
- ⑪ REMOVE EXISTING BOLLAARD AT STA. 0+33.75 RT
- ⑫ REMOVE AND REPLACE EXISTING PARKING CURB STOPS



- ① SAW CUT FROM STA. 0+28.54 TO STA. 0+48.28 RT AND FROM STA. 0+75.82 TO STA. 0+81.07 RT
- ② SAW CUT AND REMOVE EXISTING ASPHALT FROM CURB/FINISHED CONCRETE FROM END OF BRIDGE TO STA. 0+48.03 RT AND FROM STA. +1+53.83 TO STA. +1+10 RT
- ③ INSTALL 6\"/>
- ④ INSTALL PERPENDICULAR CURB RAMP, OPTION 'PR-1' AT RAMP CENTERLINE STA. 0+34.87 RT PER STD DWG R0902, R0904, DET1752 AND DETAIL THIS SHEET
- ⑤ INSTALL COMBINATION CURB RAMP AT RAMP CENTERLINE STA. +1+83.21 LT PER STD DWG R0902, R0904, R0930, DET1752 AND DETAIL THIS SHEET
- ⑥ INSTALL 6\"/>
- ⑦ INSTALL 1\"/>
- ⑧ INSTALL 4\"/>
- ⑨ INSTALL CONCRETE PAD AND BUS SHELTER FROM STA. +1+52.87 TO STA. +1+88.87 RT. SEE DETAILS SHEET 32
- ⑩ GRIND 0 TO 1-1/2\"/>
- ⑪ INSTALL 1-1/2\"/>
- ⑫ INSTALL REMOVABLE BOLLAARD AT STA. +1+82 RT PER R0130
- ⑬ SAW CUT FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT FROM END OF BRIDGE NORTH ON FIRST AVE AS SHOWN AND WALL STREET TO STA. 2+54.82



STA. 0+28.54 to STA. 0+48.42
STA. 0+81.24 to STA. 0+81.07

STA. 0+48.42 TO STA. 0+51.24

PLAN SHEET EROSION TYPICAL SECTIONS AND CURB RAMP DETAILS WALL ST

SCALE: 1" = 20'
SHEET 16



LINN COUNTY ROAD DEPARTMENT
3010 FERRY STREET SW
ALBANY, OREGON 97122
PHONE: (541) 897-2919
FAX: (541) 924-8202
E-MAIL: Road@co.linn.or.us

COUNTY COMMISSION
ROGER NYQUIST
CHAIRMAN
JOHN LINDSEY
WILLIAM TUCKER

ROADMASTER
WAYNE E. MINK, P.E.
COUNTY ENGINEER
CHARLES R. KNOLL, P.E.

REVISION/NO.	DATE	BY:

ROAD NO.: CR0006
PROJECT NO.: CR11702
TSS: T098 ROSE SEC 30, W.M.
DESIGNED BY: d.mallone
CHECKED BY: d.least
DRAFTED BY: d.mallone
REVIEWED BY: c.kroll

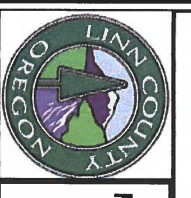
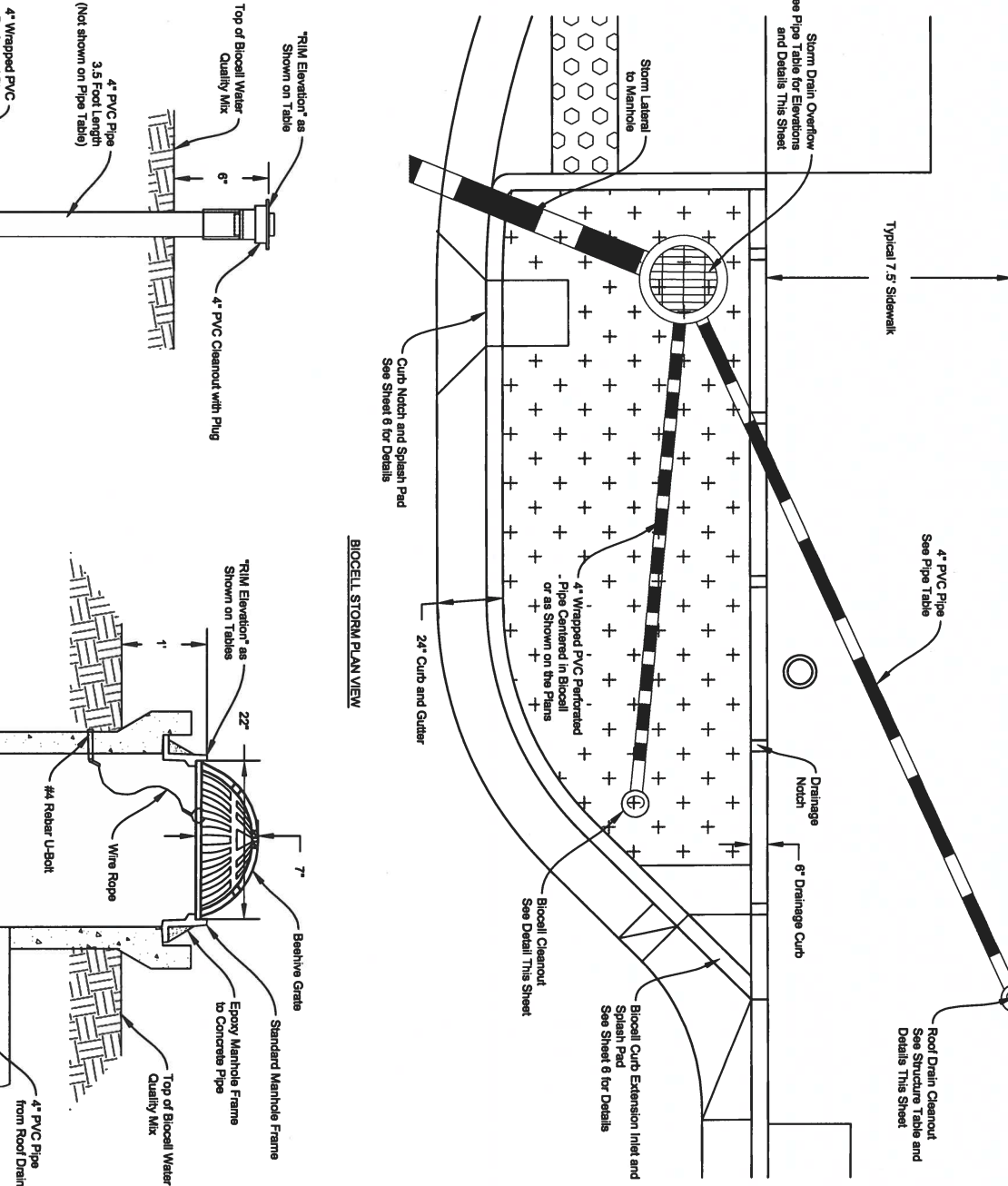
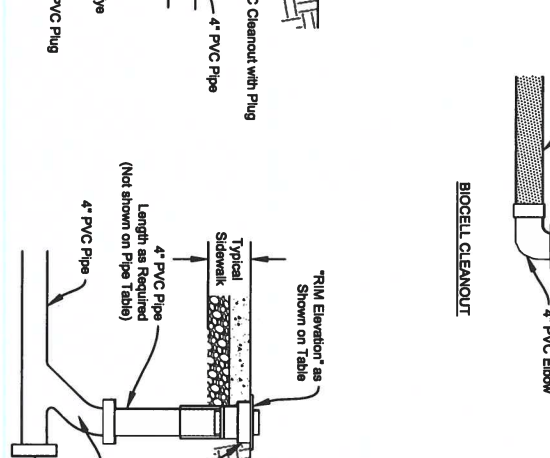
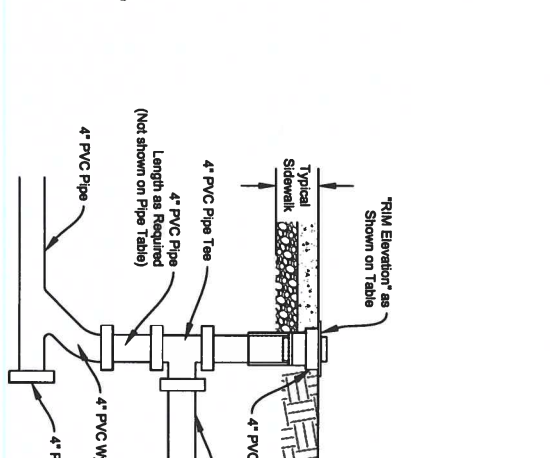
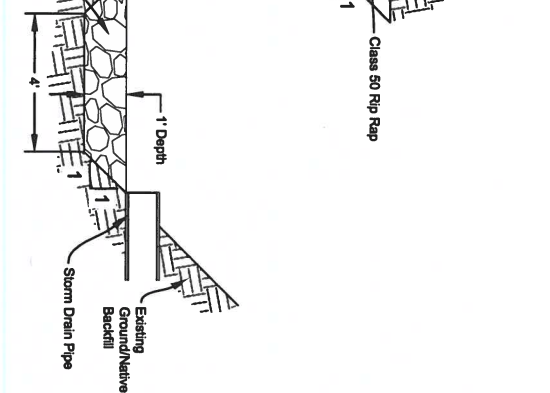
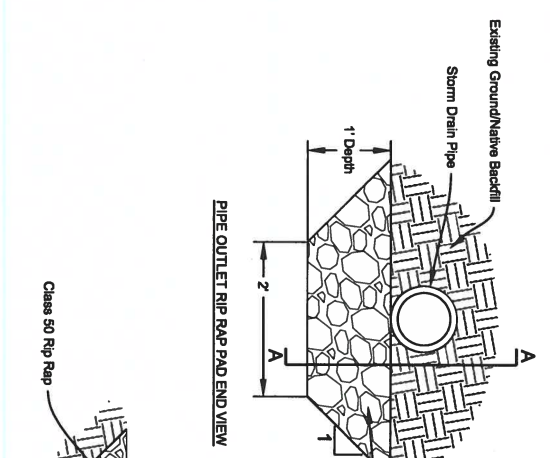
MILL CITY DOWNTOWN REVITALIZATION PROJECT
BROADWAY STREET
LINN COUNTY

REGISTERED PROFESSIONAL ENGINEER
76365
DAVID NEAL LEAH MALONE
MAY 23, 2013
RENEWALS: 12/31/2020

NAME	DETAILS
CO-1a	BROADWAY ST STA. 9+89.00, 19.04 L RIM ELEV = 828.56, SLUMP = 0' PP-1a, 4" IE OUT (E) = 823.14
CO-1b	BROADWAY ST STA. 10+11.00, 18.95 L RIM ELEV = 828.56, SLUMP = 0' PP-1b, 4" IE OUT (W) = 823.14
CO-2a	BROADWAY ST STA. 9+89.00, 19.13 R RIM ELEV = 828.56, SLUMP = 0' PP-2a, 4" IE OUT (E) = 823.14
CO-2b	BROADWAY ST STA. 10+11.00, 19.15 R RIM ELEV = 828.56, SLUMP = 0' PP-2b, 4" IE OUT (W) = 823.14
CO-3a	BROADWAY ST STA. 12+42.50, 18.00 L RIM ELEV = 828.36, SLUMP = 0' PP-3a, 4" IE OUT (W) = 824.88
CO-4a	BROADWAY ST STA. 12+37.50, 18.00 R RIM ELEV = 828.34, SLUMP = 0' PP-4a, 4" IE OUT (W) = 824.85
CO-5a	BROADWAY ST STA. 15+14.50, 18.00 L RIM ELEV = 830.18, SLUMP = 0' PP-5a, 4" IE OUT (W) = 828.58
CO-6a	BROADWAY ST STA. 15+14.50, 18.00 R RIM ELEV = 830.17, SLUMP = 0' PP-6a, 4" IE OUT (W) = 828.58
CO-7a	BROADWAY ST STA. 16+78.00, 18.04 L RIM ELEV = 832.41, SLUMP = 0' PP-7a, 4" IE OUT (E) = 823.16
EXMH	BROADWAY ST STA. 11+88.98, 40.00 R RIM ELEV = 827.80, SLUMP = 0' PL-11, 12" IE IN (N) = 822.02 PL-12, 12" IE IN (W) = 823.02 PL-10, 18" IE OUT (N) = 821.92
F1-1	BROADWAY ST STA. 8+90.00, 35.00 R RIM ELEV = 828.36, SLUMP = 0' PL-9, 12" IE OUT (E) = 823.32
F1-2	BROADWAY ST STA. 8+19.50, 42.00 R RIM ELEV = 828.58, SLUMP = 0' PL-8, 12" IE IN (W) = 823.20 PL-9, 12" IE OUT (W) = 823.10
F1-3	BROADWAY ST STA. 11+50.00, 40.00 R RIM ELEV = 827.84, SLUMP = 0' PL-12, 12" IE OUT (E) = 822.14
F1-4	BROADWAY ST STA. 11+50.00, 40.00 R RIM ELEV = 827.83, SLUMP = 0' PL-11, 12" IE OUT (W) = 822.05
G1-1	FIFTH AVE STA. 0+86.01, 17.98 R RIM ELEV = 828.73, SLUMP = 0' PL-7, 8" IE OUT (W) = 825.75
MH-1	FIFTH AVE STA. 2+54.48, 10.51 L RIM ELEV = 827.78, SLUMP = 0' EX P-1, 12" IE OUT (N) = 820.37
MH-2	BROADWAY ST STA. 8+91.50, 14.50 L RIM ELEV = 827.30, SLUMP = 0' PL-8, 12" IE IN (SE) = 822.91 PL-2, 24" IE IN (E) = 820.91 PL-1, 24" IE OUT (N) = 820.81
MH-3	BROADWAY ST STA. 10+00.00, 0.00 R RIM ELEV = 828.88, SLUMP = 0' PL-1, 8" IE IN (N) = 822.17 PL-1, 8" IE IN (W) = 822.17 PL-2, 4" IE IN (S) = 821.83 PL-2, 24" IE OUT (W) = 821.18
MH-4	BROADWAY ST STA. 12+00.00, 0.00 R RIM ELEV = 828.55, SLUMP = 0' PL-4, 12" IE IN (E) = 823.22 PL-3, 8" IE IN (NE) = 824.21 PL-4, 8" IE IN (SE) = 824.14 PL-10, 18" IE IN (S) = 824.12 PL-3, 18" IE OUT (W) = 821.72
MH-5	BROADWAY ST STA. 14+90.00, 0.00 L RIM ELEV = 830.30, SLUMP = 0' PL-5, 8" IE IN (N) = 828.01 PL-6, 8" IE IN (S) = 828.05 PL-4, 12" IE OUT (W) = 825.39
MH-6	BROADWAY ST STA. 17+89.50, 18.00 L RIM ELEV = 833.40, SLUMP = 0' PL-5, 8" IE IN (W) = 827.41 PL-6, 8" IE OUT (E) = 827.31

NAME	DETAILS
OF-1	BROADWAY ST STA. 10+00.00, 19.00 L RIM ELEV = 828.94, SLUMP = 0' PP-1b, 4" IE IN (E) = 823.11 PP-1a, 4" IE IN (W) = 823.11 PL-1, 8" IE OUT (S) = 823.01
OF-2	BROADWAY ST STA. 10+00.00, 19.15 R RIM ELEV = 828.91, SLUMP = 0' PP-2b, 4" IE IN (E) = 823.11 PP-2a, 4" IE IN (W) = 823.11 PL-2, 8" IE OUT (N) = 823.01
OF-3	BROADWAY ST STA. 12+19.00, 18.00 L RIM ELEV = 828.56, SLUMP = 0' PP-3a, 4" IE IN (E) = 824.81 PL-3, 8" IE OUT (SW) = 824.71
OF-4	BROADWAY ST STA. 12+19.00, 18.75 R RIM ELEV = 828.82, SLUMP = 0' PP-4a, 4" IE IN (E) = 824.79 PL-4, 8" IE OUT (NW) = 824.69
OF-5	BROADWAY ST STA. 14+98.00, 19.50 L RIM ELEV = 830.36, SLUMP = 0' PP-5a, 4" IE IN (E) = 828.53 PL-5, 8" IE OUT (S) = 828.63
OF-6	BROADWAY ST STA. 14+97.00, 18.00 R RIM ELEV = 830.37, SLUMP = 0' PP-6a, 4" IE IN (E) = 828.54 PL-6, 8" IE OUT (N) = 828.44
OF-7	BROADWAY ST STA. 16+93.00, 18.00 L RIM ELEV = 832.41, SLUMP = 0' PP-7a, 4" IE IN (N) = 831.28 PL-7, 8" IE OUT (E) = 829.01
RCO-5a	BROADWAY ST STA. 15+20.00, 29.50 L RIM ELEV = 830.75, SLUMP = 0' PD-5a, 4" IE IN (E) = 830.24 PD-5a, 4" IE OUT (SW) = 828.75
RCO-5b	BROADWAY ST STA. 15+80.00, 29.50 L RIM ELEV = 831.54, SLUMP = 0' PD-5b, 4" IE OUT (W) = 830.54
RCO-7a	BROADWAY ST STA. 17+94.00, 29.50 L RIM ELEV = 833.24, SLUMP = 0' PD-7b, 4" IE IN (E) = 832.38 PD-7a, 4" IE OUT (SW) = 831.38

PIPE NO.	SIZE and TYPE	SLOPE	LENGTH (FT)	IE IN STATION and OFFSET	IE IN (FT)	IE OUT STATION and OFFSET	IE OUT (FT)
EX P-1	12" CONCRETE PIPE	0.31%	122.89	8+90.10, 204.49 L	820.37	8+89.23, 227.38 L	820.76
P-1	24" HDPE PIPE	0.23%	190.00	8+91.50, 14.50 L	820.81	8+90.10, 204.49 L	820.37
P-2	24" HDPE PIPE	0.23%	109.48	10+00.00, 0.00 R	821.16	8+91.50, 14.50 L	820.91
P-3	18" HDPE PIPE	0.23%	200.00	12+00.00, 0.00	821.72	10+00.00, 0.00 R	821.28
P-4	12" HDPE PIPE	0.75%	290.00	14+90.00, 0.00 L	825.39	12+00.00, 0.00	823.22
P-5	8" HDPE PIPE	1.50%	106.50	16+93.00, 18.00 L	829.01	17+89.50, 18.00 L	827.41
P-6	8" HDPE PIPE	1.50%	107.81	17+89.50, 18.00 L	827.31	18+78.01, 41.92 R	825.69
PC-1	10" HDPE PIPE	1.25%	65.00	6+86.77, 28.44 R	824.40	6+19.00, 28.23 R	823.59
PD-5a	4" PVC PIPE	0.50%	24.17	15+20.00, 29.50 L	830.75	14+98.00, 19.50 L	828.63
PD-5b	4" PVC PIPE	0.50%	60.00	15+80.00, 29.50 L	830.54	15+20.00, 29.50 L	830.24
PD-7a	4" PVC PIPE	0.50%	19.70	17+09.00, 29.50 L	831.36	16+93.00, 18.00 L	831.28
PD-7b	4" PVC PIPE	0.50%	25.00	17+94.00, 29.50 L	832.48	17+09.00, 29.50 L	832.36
PL-1	8" HDPE PIPE	1.25%	19.00	10+00.00, 19.00 L	823.01	10+00.00, 0.00 R	822.77
PL-2	8" HDPE PIPE	1.25%	19.15	10+00.00, 19.15 R	823.01	10+00.00, 0.00 R	822.77
PL-3	8" HDPE PIPE	2.00%	24.84	12+19.00, 18.00 L	824.71	12+00.00, 0.00	824.21
PL-4	8" HDPE PIPE	2.00%	27.41	12+19.00, 19.75 R	824.69	12+00.00, 0.00	824.14
PL-5	8" HDPE PIPE	2.00%	21.08	14+98.00, 19.50 L	828.43	14+90.00, 0.00 L	828.01
PL-6	8" HDPE PIPE	2.00%	19.31	14+97.00, 18.00 R	828.44	14+90.00, 0.00 L	828.05
PL-7	8" HDPE PIPE	0.30%	38.00	8+18.48, 38.00 L	825.75	8+80.48, 38.00 L	825.64
PL-8	12" HDPE PIPE	0.30%	63.08	8+19.50, 42.00 R	823.10	8+91.50, 14.50 L	822.91
PL-9	12" HDPE PIPE	0.23%	40.11	8+80.00, 35.00 R	823.32	9+19.50, 42.00 R	823.20
PL-10	18" HDPE PIPE	0.23%	41.49	11+88.98, 40.00 R	821.92	12+00.00, 0.00	821.82
PL-11	12" HDPE PIPE	0.30%	10.82	11+89.00, 40.00 R	822.05	11+88.98, 40.00 R	822.02
PL-12	12" HDPE PIPE	0.30%	38.98	11+50.00, 40.00 R	822.14	11+88.98, 40.00 R	822.02
PP-1a	4" PVC PERFORATED PIPE	0.30%	11.00	9+88.00, 19.04 L	823.14	10+00.00, 19.00 L	823.11
PP-1b	4" PVC PERFORATED PIPE	0.30%	11.00	10+11.00, 18.95 L	823.14	10+00.00, 19.00 L	823.11
PP-2a	4" PVC PERFORATED PIPE	0.30%	11.00	9+88.00, 19.15 R	823.14	10+00.00, 19.15 R	823.11
PP-2b	4" PVC PERFORATED PIPE	0.30%	11.00	10+11.00, 19.15 R	823.14	10+00.00, 19.15 R	823.11
PP-3a	4" PVC PERFORATED PIPE	0.30%	23.88	12+42.50, 18.00 L	824.88	12+19.00, 18.00 L	824.81
PP-4a	4" PVC PERFORATED PIPE	0.30%	18.58	12+37.50, 18.00 R	824.85	12+19.00, 19.75 R	824.79
PP-5a	4" PVC PERFORATED PIPE	0.30%	16.07	15+14.00, 18.00 L	826.58	14+98.00, 19.50 L	826.53
PP-6a	4" PVC PERFORATED PIPE	0.30%	17.50	15+14.50, 18.00 R	826.59	14+97.00, 18.00 R	826.54
PP-7a	4" PVC PERFORATED PIPE	0.30%	17.00	16+78.00, 18.04 L	829.16	16+93.00, 18.00 L	829.11



LINN COUNTY ROAD DEPARTMENT
3616 FERRY STREET SW
ALBANY, OREGON 97322
PHONE: (541) 987-3919
FAX: (541) 924-0202
E-MAIL: Road@co.linn.or.us

COUNTY COMMISSION
ROGER NYQUIST
CHAIRMAN
JOHN LINDSEY
WILLIAM TUCKER

ROADMASTER
WAYNE E. MINK, P.E.
COUNTY ENGINEER
CHARLES R. KNOLL, P.E.

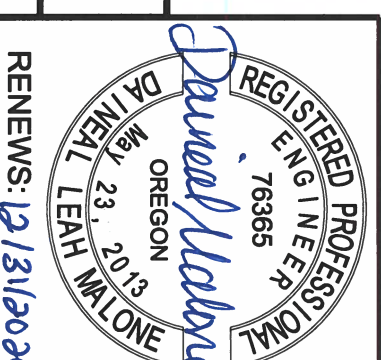
DATE:	REV/SOK:

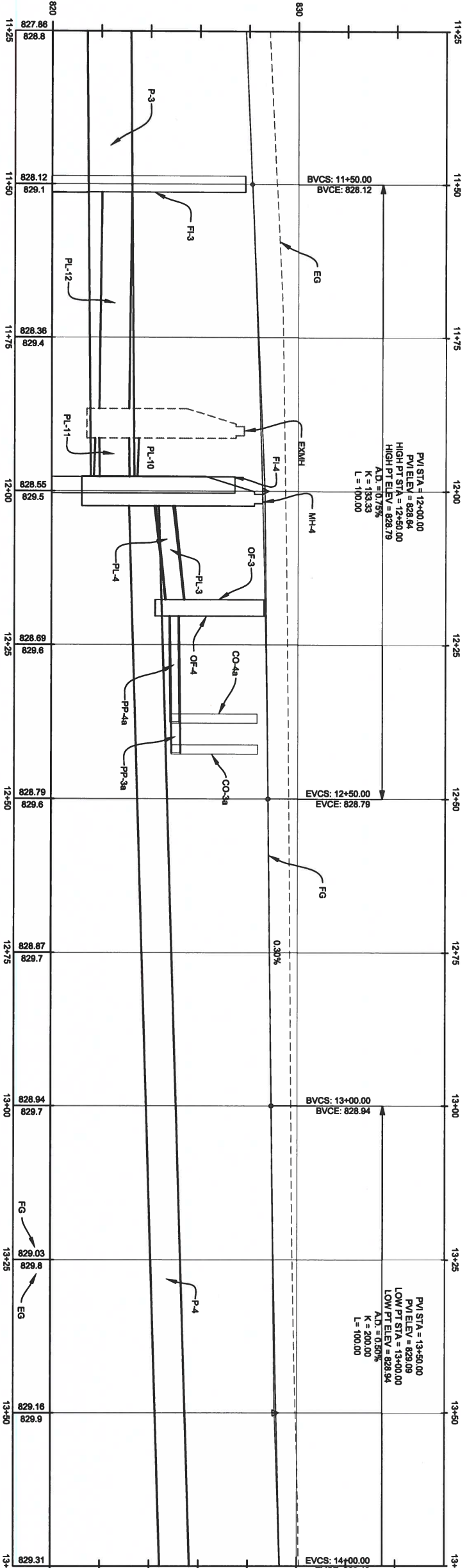
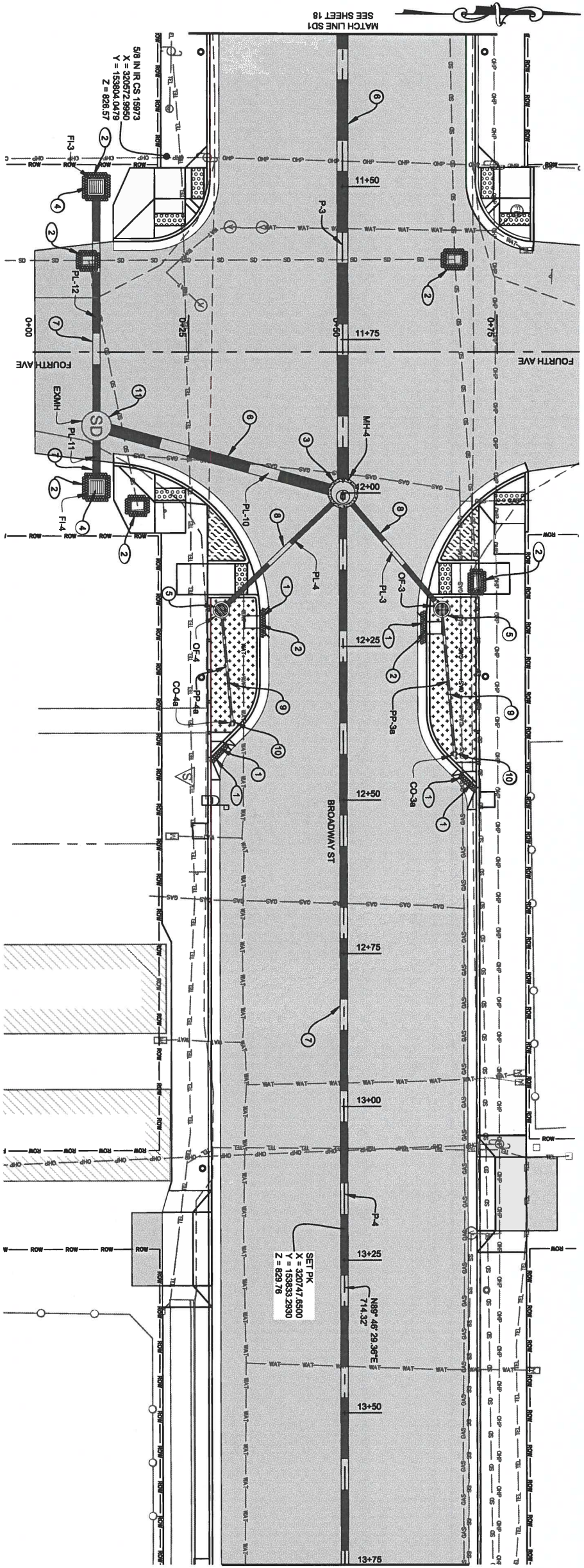
BY:	ROAD NO.:	DATE:
	CR0006	10/16/2020
	PROJECT NO.:	CR1702
	TSS:	T098 ROSE SEC 30, W.M.
	DESIGNED BY:	d.melone
	CHECKED BY:	d.least
	DRAFTED BY:	d.melone
	REVIEWED BY:	c.knoll

MILL CITY DOWNTOWN REVITALIZATION PROJECT
BROADWAY STREET
LINN COUNTY

PIPE AND STRUCTURE TABLES AND DETAILS

SCALE: no scale
SHEET 17





BROADWAY ST STA. 11+25 TO STA. 13+75

- 1) INSTALL CURB EXTENSION INLET AT STA. 12+43 RT AND STA. 12+48 LT. SEE SHEET 6 FOR DETAILS
- 2) INSTALL CURB NOTCH AT STA. 12+21 RT AND STA. 12+22 LT. SEE SHEET 6 FOR DETAILS
- 3) INSTALL 48" CONCRETE MANHOLE AT STA. 12+00 PER DWG RD335, RD336, RD338, AND RD339
- 4) INSTALL CONCRETE FIELD INLET AT STA. 11+50 RT AND STA. 11+99 RT PER DWG RD345 AND RD374. NO CONCRETE APRON IS REQUIRED.
- 5) INSTALL 24" CONCRETE OVERFLOW STRUCTURE AT STA. 12+19 L/RT PER DWG RD343 AND SHEET 17
- 6) INSTALL 18" HOPE PIPE PER DWG RD345 AND SHEET 17
- 7) INSTALL 12" HOPE PIPE PER DWG RD338, RD345 AND SHEET 17
- 8) INSTALL 8" HOPE PIPE PER DWG RD338, RD345 AND SHEET 17
- 9) INSTALL 4" PERFORATED PIPE PER DWG RD338 AND SHEET 17
- 10) INSTALL CLEANOUT AT STA. 12+37 RT STA. 12+42 LT PER SHEET 17
- 11) CONNECT TO EXISTING MANHOLE AT STA. 11+88.98 RT PER DWG RD345 AND SHEET 17

1) INSTALL TYPE 7 INLET PROTECTION AT STA. 12+21 RT, 12+22 LT, STA. 12+43 RT AND STA. 12+48 LT PER STD DWG RD1010

2) INSTALL TYPE 3 INLET PROTECTION AT STA. 11+99 RT, STA. 11+61.95 LT, STA. 11+82 RT, STA. 11+99 RT, STA. 12+02 RT AND STA. 12+14.75 LT PER STD DWG RD1010

GENERAL NOTES:

1) SEE SHEET 17 FOR STORM DRAINAGE TABLES

2) EROSION CONTROL MEASURES FOR EXISTING FACILITIES ARE ONLY REQUIRED IF EXCAVATION ACTIVITIES ARE TAKING PLACE ADJACENT TO THE EXISTING FACILITY PRIOR TO THE FACILITY BEING REMOVED.

If this bar does not measure 1" then drawing is not to scale



LINN COUNTY ROAD DEPARTMENT
3010 FERRY STREET SW
ALBANY, OREGON 97322
PHONE: (541) 877-3919
FAX: (541) 824-6202
E-MAIL: Roaddep@co.linn.or.us

COUNTY COMMISSION
ROGER NYQUIST
CHAIRMAN
JOHN LINDSEY
WILLIAM TUCKER

ROADMASTER
WAYNE E. MINK, P.E.
COUNTY ENGINEER
CHARLES R. KNOLL, P.E.

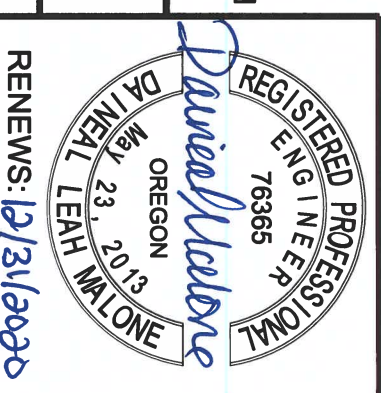
DATE:	REVISION:	BY:

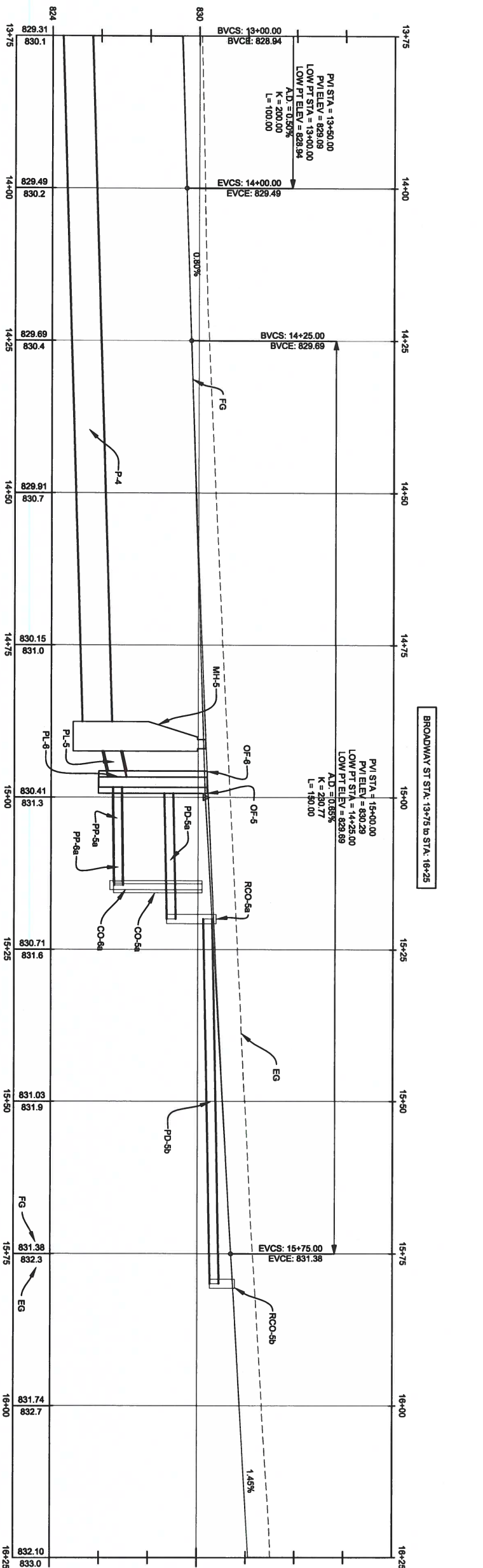
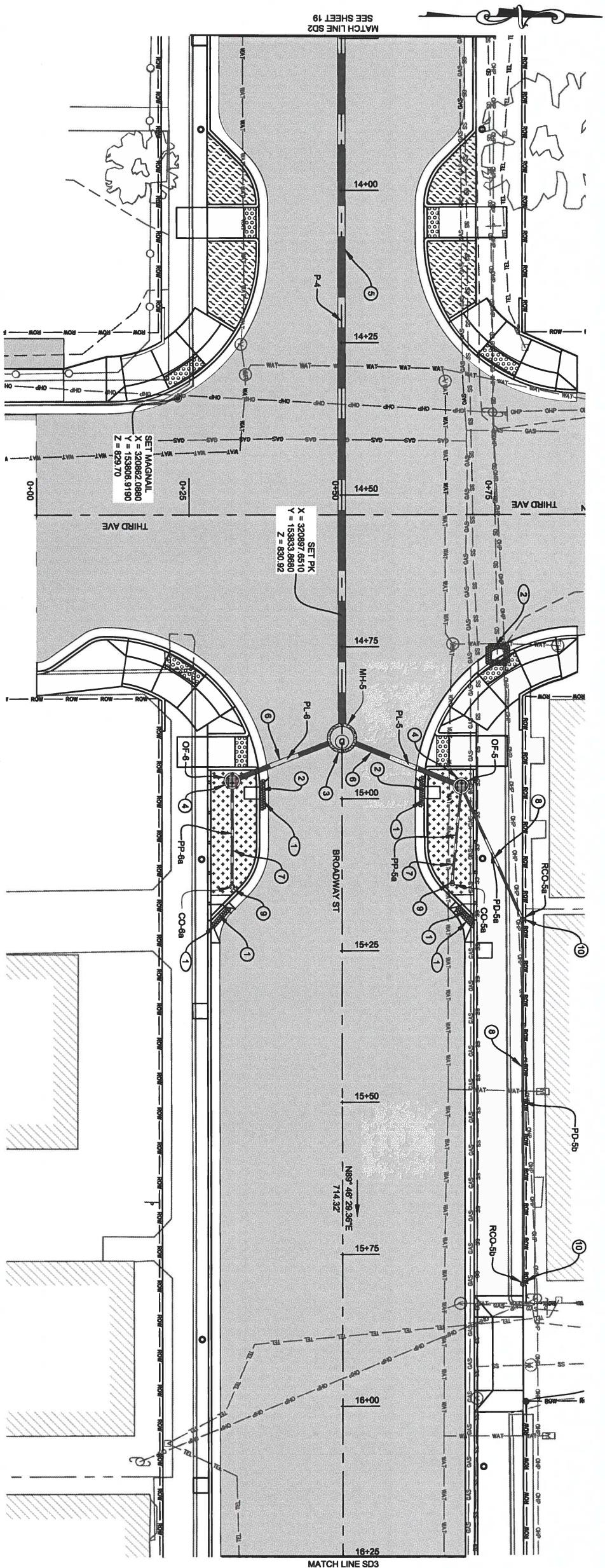
MILL CITY DOWNTOWN REVITALIZATION PROJECT
BROADWAY STREET
LINN COUNTY

STORM DRAIN AND EROSION PLAN AND PROFILE SHEET
BROADWAY ST
STA. 11+25 TO STA. 13+75
AND FOURTH AVE

SCALE: H. 1" = 20'
V. 1" = 5'

SHEET 19





BROADWAY ST STA. 13+75 TO STA. 16+25

- 1) INSTALL CURB EXTENSION INLET AT STA. 15+20 LT/RT. SEE SHEET 6 FOR DETAILS
- 2) INSTALL CURB NOTCH AT STA. 14+98 LT/RT. SEE SHEET 6 FOR DETAILS
- 3) INSTALL 48" CONCRETE MANHOLE AT STA. 14+80 LT PER DWG RD335, RD336, RD338, AND RD356
- 4) INSTALL 24" CONCRETE OVERFLOW STRUCTURE AT STA. 14+97 RT AND STA. 14+98 LT PER DWG RD343 AND SHEET 17
- 5) INSTALL 12" HDPE PIPE PER DWG RD338, RD346 AND SHEET 17
- 6) INSTALL 8" HDPE PIPE PER DWG RD339, RD345 AND SHEET 17
- 7) INSTALL 4" PVC PERFORATED PIPE PER DWG RD339 AND SHEET 17
- 8) INSTALL 4" PVC PIPE PER DWG RD339 AND SHEET 17
- 9) INSTALL 4" PVC PIPE CLEANOUT AT STA. 15+14.50 RT AND STA. 15+15.1T PER SHEET 17
- 10) INSTALL 4" PVC ROOF DRAIN CLEANOUT AT STA. 15+20 LT AND STA. 15+80 LT PER SHEET 17

- 1) INSTALL TYPE 7 INLET PROTECTION AT STA. 14+98 LT/RT AND STA. 15+20 LT/RT PER STD DWG RD1010
- 2) INSTALL TYPE 3 INLET PROTECTION AT STA. 14+76.25 LT PER STD DWG RD1010

GENERAL NOTES:
 1) SEE SHEET 17 FOR STORM DRAINAGE TABLES
 2) EROSION CONTROL MEASURES FOR EXISTING FACILITIES ARE ONLY REQUIRED IF EXCAVATION ACTIVITIES ARE TAKING PLACE ADJACENT TO THE EXISTING FACILITY PRIOR TO THE FACILITY BEING REMOVED.



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 987-3819
 FAX: (541) 924-0202
 E-MAIL: Roaddep@co.linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINN, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

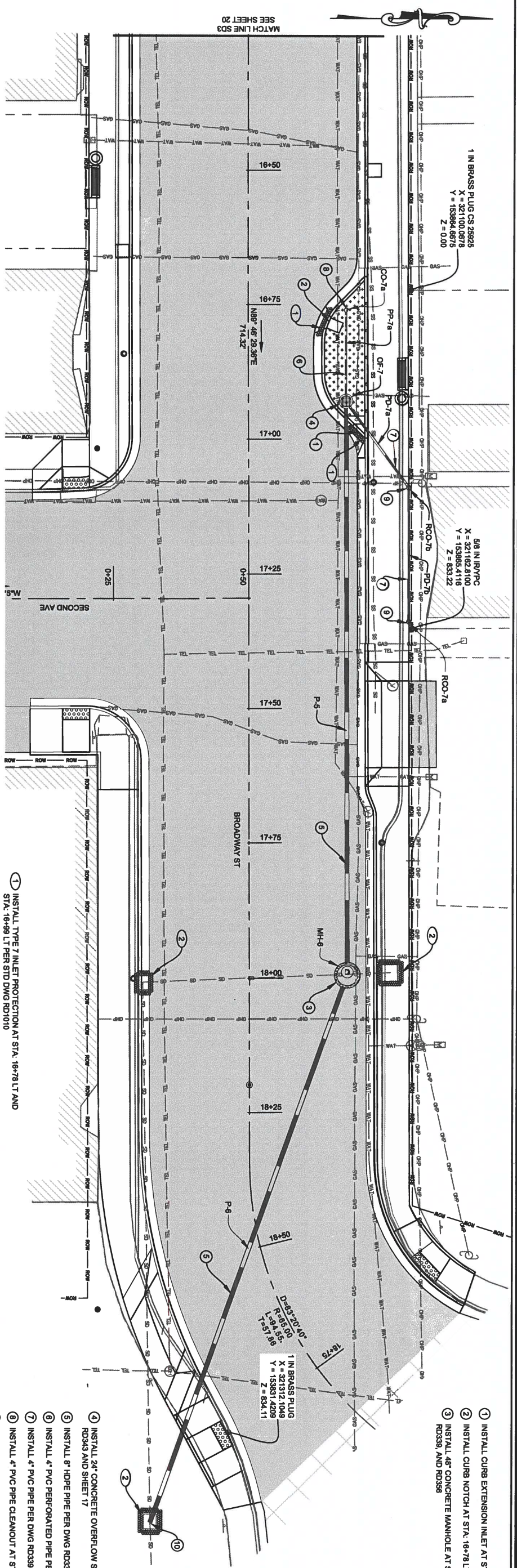
DATE:	REVISION:	BY:

MILL CITY DOWNTOWN REVITALIZATION PROJECT
BROADWAY STREET
 LINN COUNTY

STORM DRAIN AND EROSION PLAN AND PROFILE SHEET
 BROADWAY ST
 STA. 13+75 TO STA. 16+25
 AND THIRD AVE

SCALE: H: 1" = 20'
 V: 1" = 5'

REGISTERED PROFESSIONAL ENGINEER
 76365
David Malone
 OREGON
 May 23, 2013
 DAVID NEAL LEAH MALONE
 RENEWS: 12/31/2025

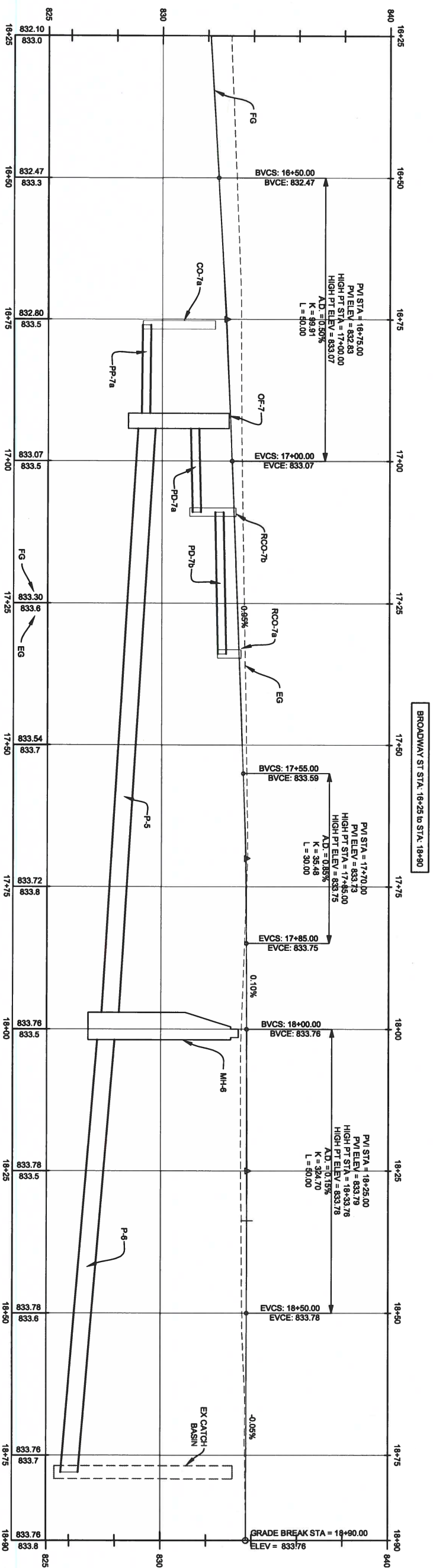


1 IN BRASS PLUG CS 252925
X = 321100.0878
Y = 1539864.6875
Z = 0.00

5/8 IN IRBYPC
X = 3211492.8100
Y = 153985.4116
Z = 833.22

D=33.20x40"
R=8.5x10"
K=54x55"
L=54x55"
T=151.5x8.8"
1 IN BRASS PLUG
X = 321312.1049
Y = 153931.4209
Z = 834.11

- ① INSTALL CURB EXTENSION INLET AT STA. 18+99 LT. SEE SHEET 8 FOR DETAILS
- ② INSTALL CURB NOTCH AT STA. 18+78 LT. SEE SHEET 8 FOR DETAILS
- ③ INSTALL 48" CONCRETE MANHOLE AT STA. 17+99.50 LT PER DWG RD0335, RD0336, RD0339, AND RD0399
- ④ INSTALL 24" CONCRETE OVERFLOW STRUCTURE AT STA. 18+83 LT PER DWG RD0343 AND SHEET 17
- ⑤ INSTALL 8" HDPE PIPE PER DWG RD0339, RD0345 AND SHEET 17
- ⑥ INSTALL 4" PVC PERFORATED PIPE PER DWG RD0339 AND SHEET 17
- ⑦ INSTALL 4" PVC PIPE PER DWG RD0339 AND SHEET 17
- ⑧ INSTALL 4" PVC PIPE CLEANOUT AT STA. 18+70 LT PER SHEET 17
- ⑨ INSTALL 4" PVC ROOF DRAIN CLEANOUT AT STA. 17+09 LT AND STA. 17+34 LT PER SHEET 17
- ⑩ CONNECT TO EXISTING CATCH BASIN AT STA. 18+78 RT



LINN COUNTY
ROAD DEPARTMENT
3010 FERRY STREET SW
ALBANY, OREGON 97322
PHONE: (541) 987-3919
FAX: (541) 924-0202
E-MAIL: Road@co.linn.or.us

COUNTY COMMISSION
ROGER NYQUIST
CHAIRMAN
JOHN LINDSEY
WILLIAM TUCKER

ROADMASTER
WAYNE E. MINN, P.E.
COUNTY ENGINEER
CHARLES R. KNOLL, P.E.

DATE:	REVISION:	BY:

ROAD NO.:	DATE:
CR0006	10/16/2020
PROJECT NO.:	DESIGNED BY:
CR1702	dimahira
TSS:	CHECKED BY:
T095 ROSE SEC 30, W.M.	dlaard
DRAWN BY:	REVIEWED BY:
dimahira	ckroll

MILL CITY DOWNTOWN
REVITALIZATION PROJECT
BROADWAY STREET
LINN COUNTY

STORM DRAIN AND EROSION
PLAN AND PROFILE SHEET
BROADWAY ST
STA. 16+00 TO STA. 18+90
SCALE: H: 1" = 20'
V: 1" = 5'
SHEET 21

REGISTERED PROFESSIONAL ENGINEER
76365
DAVID MALONE
MAY 23, 2013
OREGON
DAVID MALONE
RENEWS: 12/31/2020

If this bar does not measure 1" then drawing is not to scale



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 987-3918
 FAX: (541) 924-0202
 E-MAIL: Roaddep@linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

DATE:

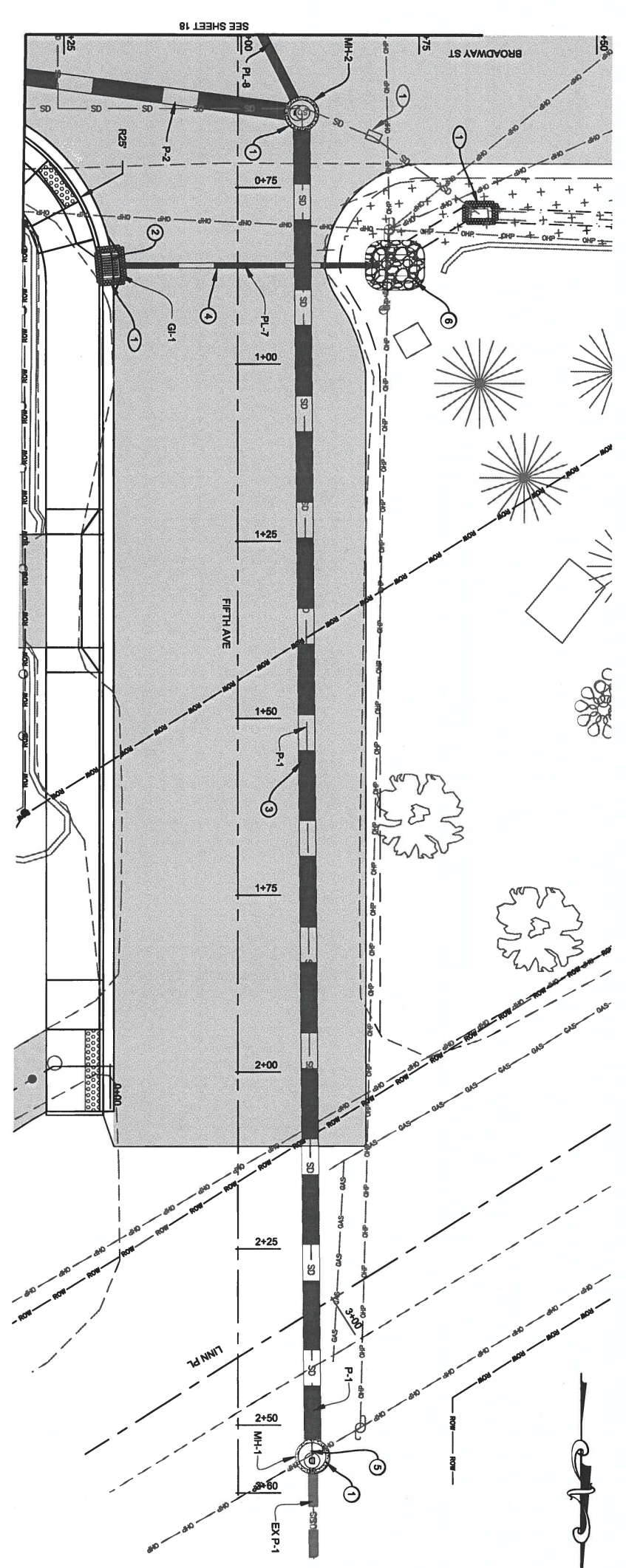
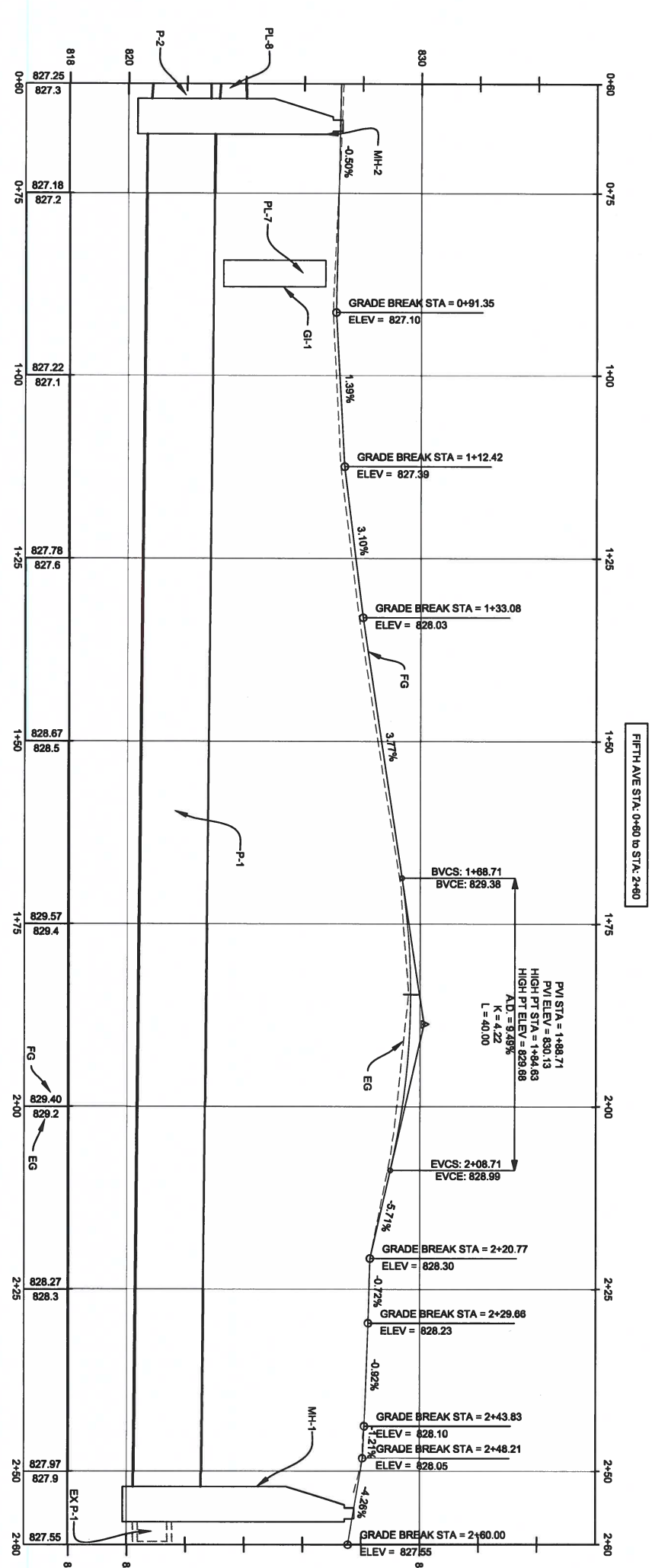
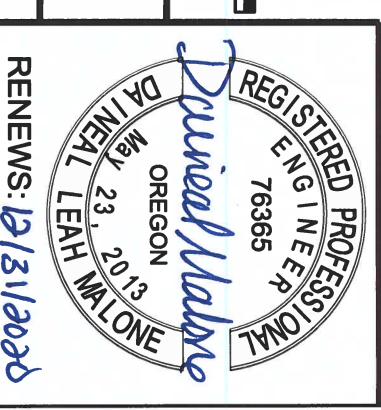
REVISION:

BY:	DATE:

ROAD NO.:	CR0006	DATE:	10/16/2020
PROJECT NO.:	CR1702	DESIGNED BY:	d.malone
TRF:	T085 ROBE SEC 30 W.M.	CHECKED BY:	d.heard
DRAWN BY:	d.malone	REVIEWED BY:	c.knoll

MILL CITY DOWNTOWN REVITALIZATION PROJECT
BROADWAY STREET
 LINN COUNTY

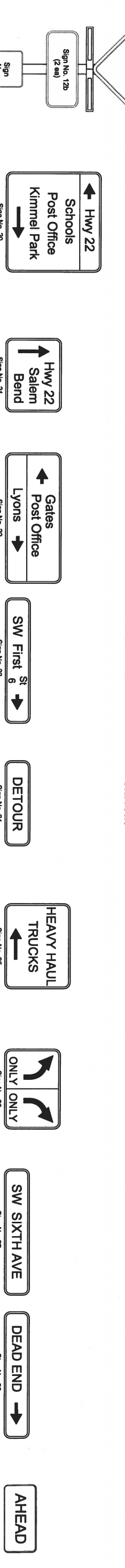
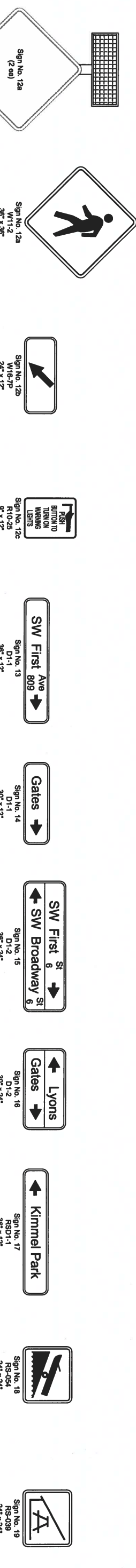
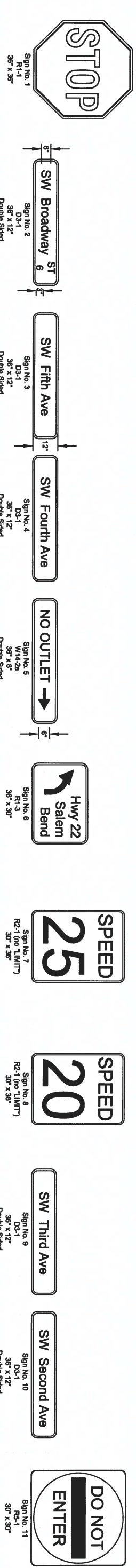
STORM DRAIN AND EROSION PLAN AND PROFILE SHEET
 FIFTH AVE
 STA. 0+80 TO STA. 2+60
 SCALE: H: 1" = 20'
 V: 1" = 5'



- 1) INSTALL 48" CONCRETE MANHOLE AT BROADWAY ST STA. 8+91.50 LT AND AT FIFTH AVE STA. 2+54.49 LT PER DWG RD335, RD336, RD338, RD339, AND RD356
- 2) INSTALL CONCRETE INLET, TYPE G-2 WITH TYPE 2 GRATE, 2' SLUMP AT FIFTH AVE STA. 0+86.01 RT PER DWG RD338, RD363, RD364 AND RD365
- 3) INSTALL 24" HDPE PIPE PER DWG RD345 AND SHEET 17
- 4) INSTALL 8" HDPE PIPE PER DWG RD338, RD345 AND SHEET 17
- 5) CONNECT NEW MANHOLE TO EXISTING STORM SYSTEM AT FIFTH AVE STA. 2+54.49 LT PER DWG RD345
- 6) INSTALL PIPE OUTLET RIP RAP PAD AT STA. 0+86.99 LT. SEE SHEET 17 FOR DETAILS

1) INSTALL TYPE 3 INLET PROTECTION AT FIFTH AVE STA. 0+88 LT, STA. 0+78.50 LT AND STA. 0+86 RT PER STD DWG RD1010

GENERAL NOTES:
 1) SEE SHEET 17 FOR STORM DRAINAGE TABLES
 2) EROSION CONTROL MEASURES FOR EXISTING FACILITIES ARE ONLY REQUIRED IF EXCAVATION ACTIVITIES ARE TAKING PLACE ADJACENT TO THE EXISTING FACILITY PRIOR TO THE FACILITY BEING REMOVED.



* 1ST AVENUE STATIONING			
SIGN NO.	SIGN LOC.	OFFSET	REMARKS
1	STA. 6+25	LT	INSTALL FACING NORTH
	STA. 8+82	LT	INSTALL FACING NORTH
	STA. 9+29	RT	INSTALL FACING SOUTH
	STA. 11+54	LT	INSTALL FACING NORTH
	STA. 12+02	LT	INSTALL FACING NORTH
	STA. 14+25	RT	INSTALL FACING SOUTH
	STA. 14+82	LT	INSTALL FACING NORTH
	STA. 17+50	RT	INSTALL FACING SOUTH
	STA. 0+50	LT	INSTALL FACING EAST
	STA. 8+25	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 8+29	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 11+54	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 12+02	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 14+25	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 14+82	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 17+50	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 0+50	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 28
	STA. 8+25	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 8+29	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 11+54	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 12+02	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 14+25	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 14+82	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 17+50	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 1
	STA. 0+50	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 2
	STA. 8+25	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 2
	STA. 8+29	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 2
	STA. 11+54	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 2
	STA. 12+02	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 2
	STA. 14+25	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 2
	STA. 14+82	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 2
	STA. 17+50	RT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 2
	STA. 0+50	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 4
	STA. 12+60	RT	INSTALL FACING WEST

* 1ST AVENUE STATIONING			
SIGN NO.	SIGN LOC.	OFFSET	REMARKS
7	STA. 14+10	LT	INSTALL FACING EAST
	STA. 0+90	RT	INSTALL FACING WEST
8	STA. 14+10	RT	INSTALL FACING WEST
	STA. 18+75	LT	INSTALL FACING EAST
9	STA. 20+30	RT	INSTALL FACING WEST
	STA. 14+25	LT	INSTALL FACING EASTWEST, ABOVE SIGN 2
	STA. 14+82	RT	INSTALL FACING EASTWEST, ABOVE SIGN 2
	STA. 17+50	RT	INSTALL FACING EASTWEST, ABOVE SIGN 2
	STA. 18+67	RT	INSTALL FACING SOUTH
	STA. 18+74	LT	INSTALL SOLAR FACING SOUTH
	STA. 5+00	RT	INSTALL FACING SOUTH
	STA. 8+25	LT	INSTALL FACING NORTH
	STA. 17+75	RT	INSTALL FACING WEST
	STA. 18+66	LT	INSTALL FACING NORTH, ABOVE SIGN 12b
	STA. 18+68	LT	INSTALL FACING SOUTH, ABOVE SIGN 12b
	STA. 18+74	RT	INSTALL FACING NORTH, ABOVE SIGN 12b
	STA. 18+74	LT	INSTALL FACING SOUTH, ABOVE SIGN 12b
	STA. 20+00	LT	INSTALL FACING NORTH
	STA. 18+66	LT	INSTALL FACING NORTH, BELOW SIGN 12a
	STA. 18+68	LT	INSTALL FACING SOUTH, BELOW SIGN 12a
	STA. 18+74	RT	INSTALL FACING NORTH, BELOW SIGN 12a
	STA. 18+74	LT	INSTALL FACING SOUTH, BELOW SIGN 12a

* 1ST AVENUE STATIONING			
SIGN NO.	SIGN LOC.	OFFSET	REMARKS
12c	STA. 18+66	LT	INSTALL FACING NORTH, BELOW SIGN 12b
	STA. 18+74	RT	INSTALL FACING SOUTH, BELOW SIGN 12b
13	STA. 18+30	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 14
	STA. 0+50	LT	INSTALL FACING NORTH/SOUTH, ABOVE SIGN 23
14	STA. 19+30	LT	INSTALL FACING NORTH/SOUTH, BELOW SIGN 13
15	STA. 19+30	LT	INSTALL FACING EAST, BELOW SIGN 14
16	STA. 19+30	LT	INSTALL FACING EAST, BELOW SIGN 15
17	STA. 19+30	LT	INSTALL FACING NORTH, BELOW SIGN 16
18	STA. 19+30	LT	INSTALL FACING NORTH, BELOW SIGN 17
19	STA. 19+30	LT	INSTALL FACING NORTH, BELOW SIGN 17
20	STA. 19+50	RT	INSTALL FACING NORTH
21	STA. 20+30	RT	INSTALL FACING WEST, BELOW SIGN 8
22	STA. 20+75	LT	INSTALL FACING NORTH
23	STA. 0+50	LT	INSTALL FACING EASTWEST, ABOVE SIGN 1
24	STA. 1+75	LT	INSTALL FACING SOUTH, ABOVE SIGN 28
25	STA. 1+75	LT	INSTALL FACING SOUTH
26	STA. 2+66	LT	INSTALL FACING SOUTH
27	STA. 6+25	LT	INSTALL FACING EASTWEST, ABOVE SIGN 29
28	STA. 6+25	RT	INSTALL FACING EASTWEST, ABOVE SIGN 1
29	STA. 6+25	LT	INSTALL FACING NORTH, BELOW SIGN 12a
	STA. 6+25	RT	INSTALL FACING SOUTH, BELOW SIGN 12a
	STA. 17+74	RT	INSTALL FACING SOUTH, BELOW SIGN 12a
	STA. 18+74	LT	INSTALL FACING NORTH, BELOW SIGN 12a

* 1ST AVENUE STATIONING			
SIGN NO.	SIGN LOC.	OFFSET	REMARKS
30	STA. 9+23	RT	INSTALL FACING NORTH
	STA. 11+55	LT	INSTALL FACING SOUTH
	STA. 12+00	RT	INSTALL FACING NORTH
	STA. 14+26	LT	INSTALL FACING SOUTH
	STA. 14+80	LT	INSTALL FACING SOUTH
31	STA. 1+83	LT	INSTALL FACING SOUTH
32	STA. 1+83	LT	INSTALL FACING SOUTH, BELOW SIGN 31

NOTES:

- THE LOCATIONS OF SIGN INSTALLATIONS SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
- INSTALLER SHALL MEAN FABRICATION AND INSTALLATION OF NEW SIGN AND SIGN SUPPORTS
- ALL STATION REFERENCES ARE BROADWAY STATIONING UNLESS OTHERWISE NOTED
- CONTRACTOR SHALL COORDINATE WITH THE INSPECTOR FOR THE SIGNS THAT ARE TO BE REMOVED AND PROTECTED
- CONCRETE COLLARS NOT REQUIRED FOR PSST ANCHOR BASES

LEGEND:

PSST = 2-1/2" x 2-1/2" PERFORATED STEEL SQUARE TUBE
 SP = 4" Ø GALVANIZED STEEL PIPE
 MS = MULTIPLE MAIL BOX SUPPORT PER TH240

LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALABAMA, OREGON 97222
 PHONE: (541) 987-3919
 FAX: (541) 924-0202
 E-MAIL: Road@linncounty.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

DATE: _____ REV/SIGN: _____

ROAD NO: CR0008 DATE: 10/16/2020

PROJECT NO: CR1702

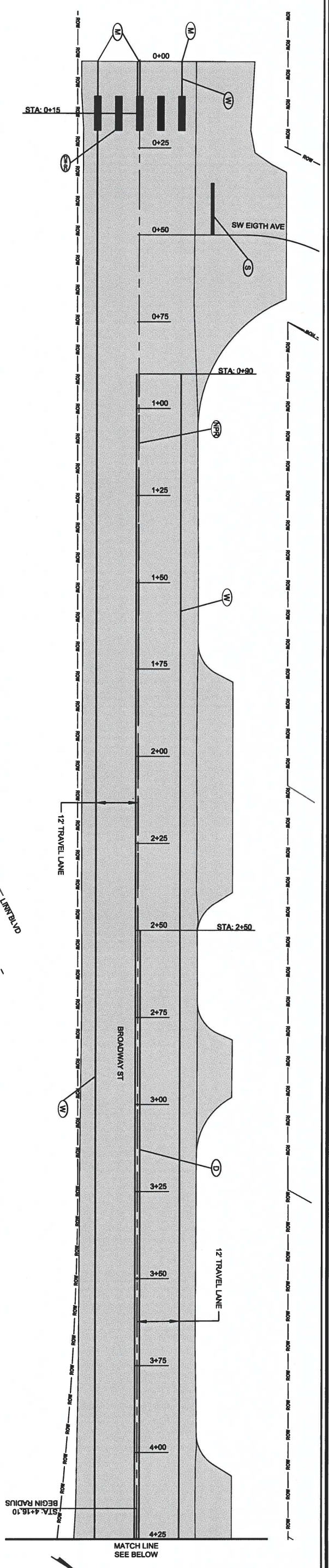
DESIGNED BY: d.mahone CHECKED BY: d.lead

DRAWN BY: d.mahone REVIEWED BY: c.knoll

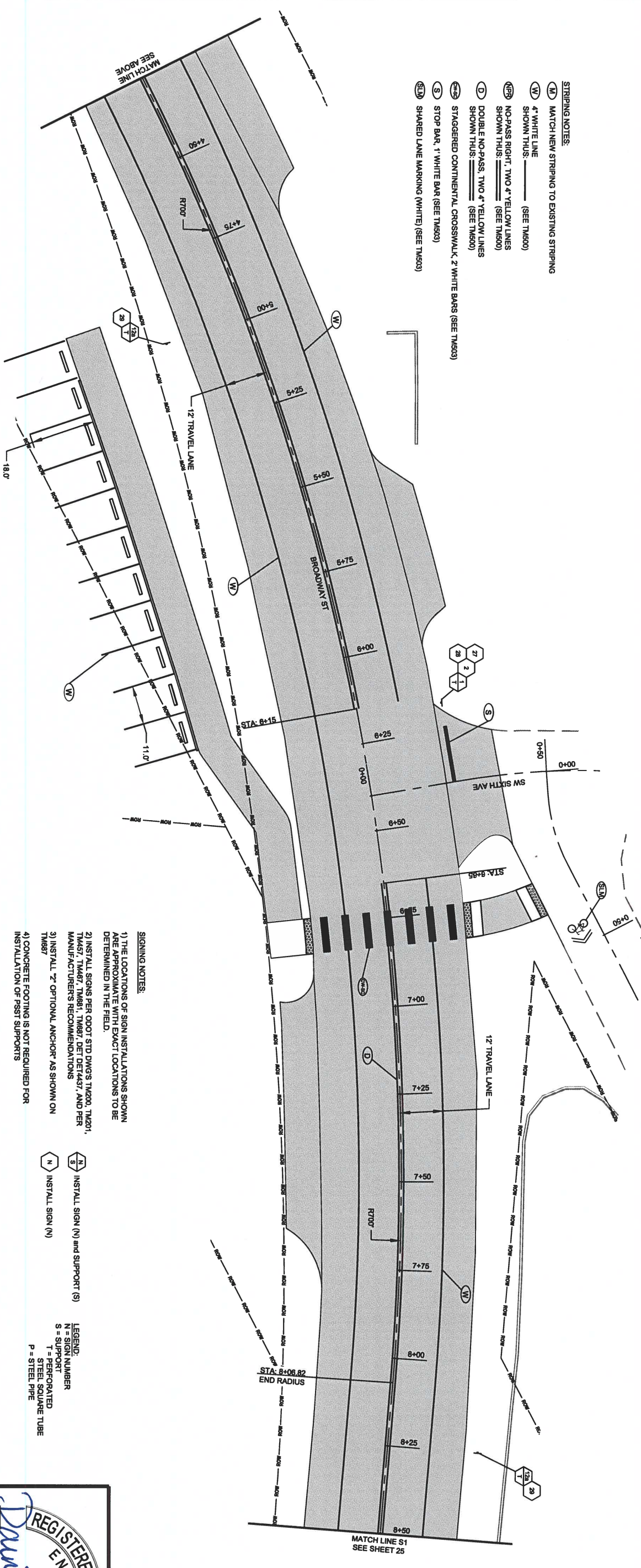
MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

SCALE: No Scale SHEET 23

RENEWALS: 12/13/2020



STRIPING NOTES:
 (M) MATCH NEW STRIPING TO EXISTING STRIPING
 (W) 4" WHITE LINE SHOWN THUS: (SEE TM500)
 (NPB) NO-PASS RIGHT, TWO 4" YELLOW LINES SHOWN THUS: (SEE TM500)
 (D) DOUBLE NO-PASS, TWO 4" YELLOW LINES SHOWN THUS: (SEE TM500)
 (S) STAGGERED CONTINENTAL CROSSWALK, 2 WHITE BARS (SEE TM500)
 (SLA) STOP BAR, 1" WHITE BAR (SEE TM500)
 (SLA) SHARED LANE MARKING (WHITE) (SEE TM500)



SIGNING NOTES:
 1) THE LOCATIONS OF SIGN INSTALLATIONS SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
 2) INSTALL SIGNS PER ODOT STD DWGS TM200, TM201, TM207, TM208, TM209, DET DETA57, AND PER MANUFACTURER'S RECOMMENDATIONS
 3) INSTALL 2" OPTIONAL ANCHOR AS SHOWN ON TM687
 4) CONCRETE FOOTING IS NOT REQUIRED FOR INSTALLATION OF PSST SUPPORTS

(M) INSTALL SIGN (N) and SUPPORT (S)
 (N) INSTALL SIGN (N)
 (NPB) INSTALL SIGN (N) and SUPPORT (S)
 (D) INSTALL SIGN (N)
 (S) INSTALL SIGN (N)

LEGEND:
 N = SIGN NUMBER
 S = SUPPORT
 T = PERFORATED STEEL SQUARE TUBE
 P = STEEL PIPE

If this bar does not measure 1" then drawing is not to scale



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 877-3919
 FAX: (541) 824-0202
 E-MAIL: Roaddep@co.linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

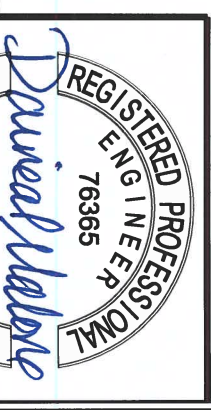
ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

DATE:	REVISION:	BY:	ROAD NO.:	DATE:
			CR0006	10/18/2020
			PROJECT NO.:	CR1702
			DESIGNED BY:	d.melina
			CHECKED BY:	d.leand
			DESIGNED BY:	d.melina
			REVIEWED BY:	c.knoll

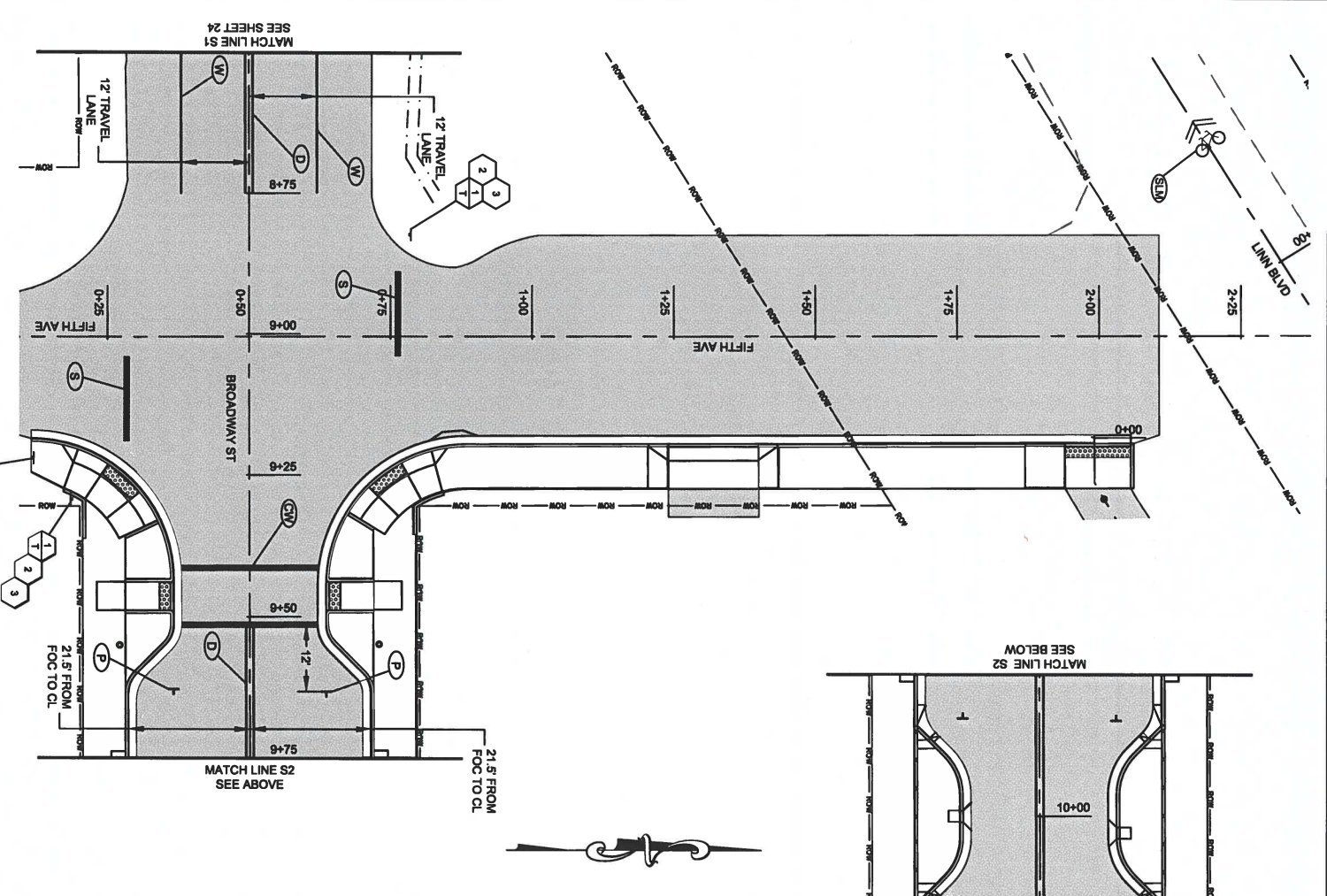
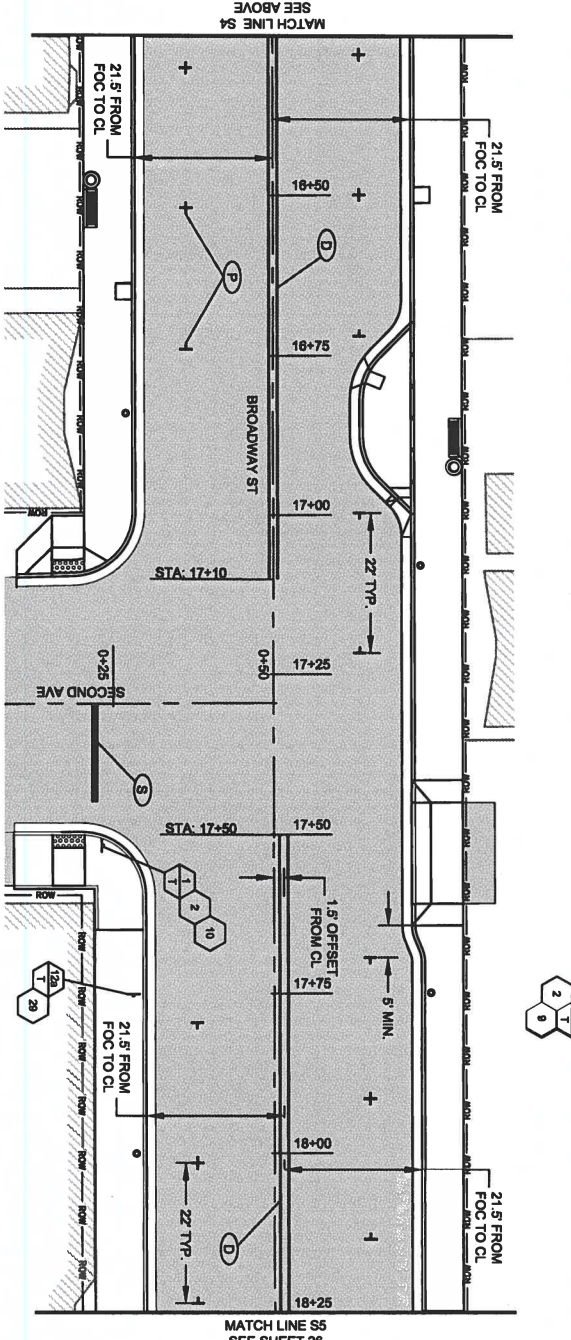
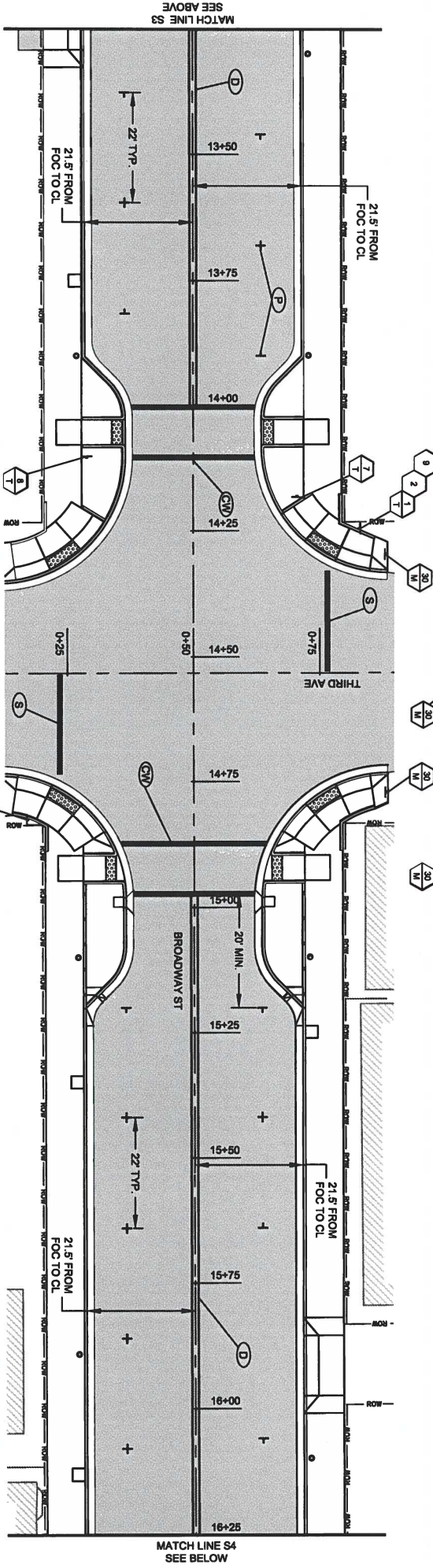
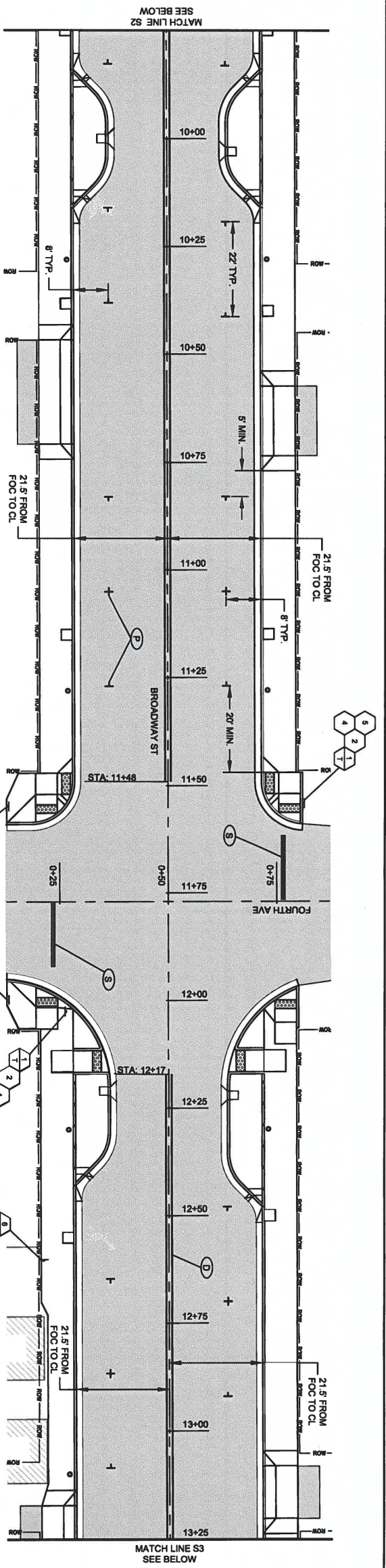
MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

SIGNING AND STRIPING PLAN
 BROADWAY ST
 STA: 0+00 TO STA: 8+50

SCALE: 1" = 30'
 SHEET 24



RENEWALS: 12/31/2020



SIGNING NOTES:

- 1) THE LOCATIONS OF SIGN INSTALLATIONS SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
- 2) INSTALL SIGNS PER ODOT STD DWGS TM4200, TM4201, TM457, TM467, TM681, TM687, DET DET14437, AND PER MANUFACTURER'S RECOMMENDATIONS
- 3) INSTALL "Z" OPTIONAL ANCHOR AS SHOWN ON TM687

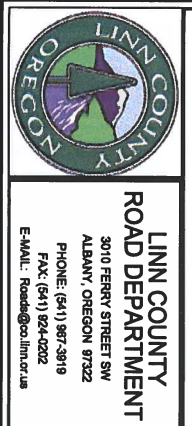
4) CONCRETE FOOTING IS NOT REQUIRED FOR INSTALLATION OF PSSST SUPPORTS

LEGEND:
 N = SIGN NUMBER
 S = SUPPORT
 T = PERFORATED PIPE
 P = STEEL SQUARE TUBE
 M = MULTIPLE MAILBOX

STRIPING NOTES:

- (W) 4" WHITE LINE (SEE TM500)
- (D) DOUBLE NO-PASS, TWO 4" YELLOW LINES SHOWN THUS (SEE TM500)
- (STW) STANDARD CROSSWALK, TWO 1" WHITE BARS (SEE TM500)
- (SCW) STAGGERED CONTINENTAL CROSSWALK, 2 WHITE BARS (SEE TM500)
- (S) STOP BAR, 1" WHITE BAR (SEE TM500)
- (SLM) SHARED LANE MARKING (WHITE) (SEE TM500)
- (P) ON-STREET PARKING DETAIL (WHITE) SHOWN THUS: + (SEE TM500)

If this bar does not measure 1" then drawing is not to scale



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 877-3919
 FAX: (541) 824-0202
 E-MAIL: Roaddep@co.linn.or.us

COUNTY COMMISSION
 ROGER NYCOUST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

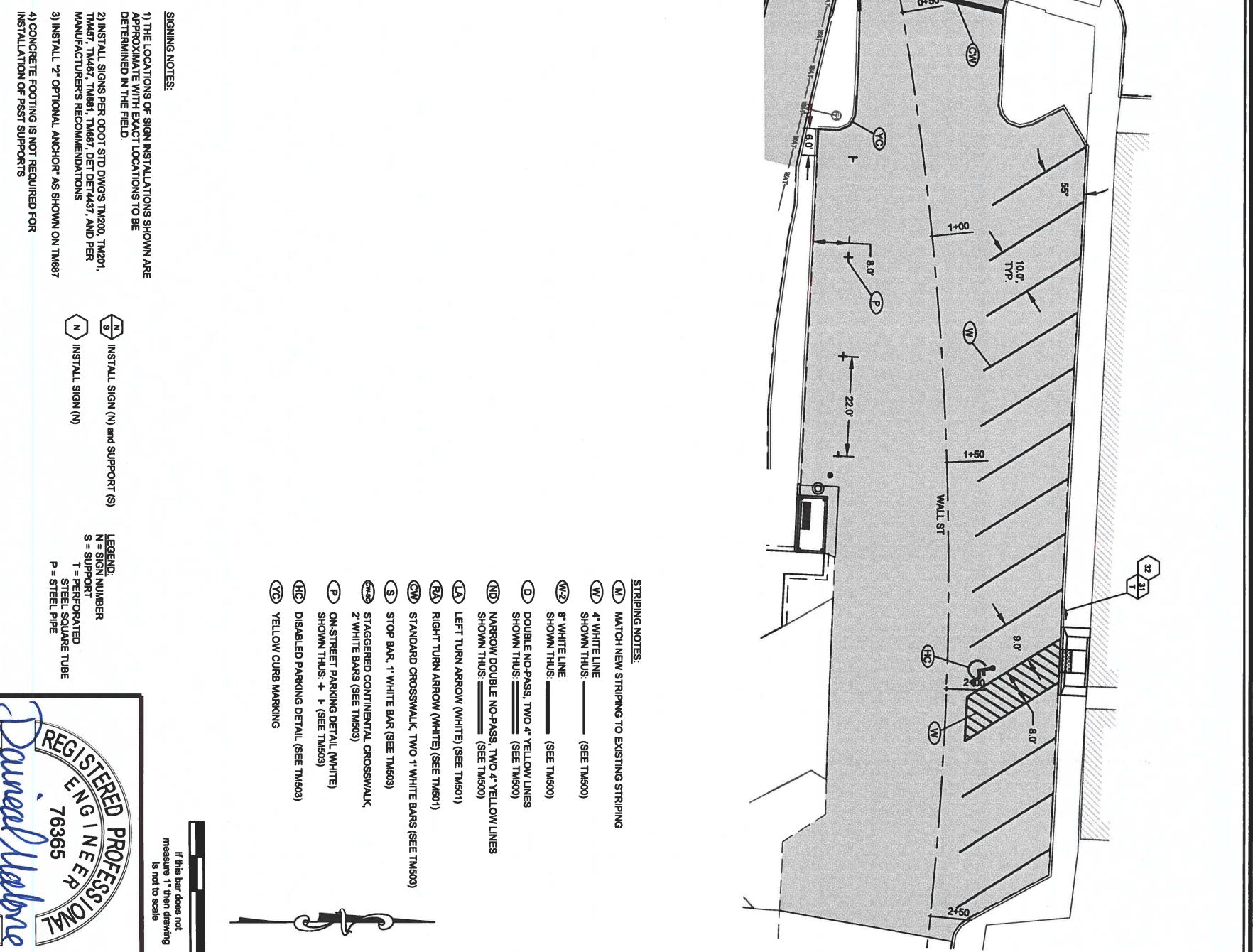
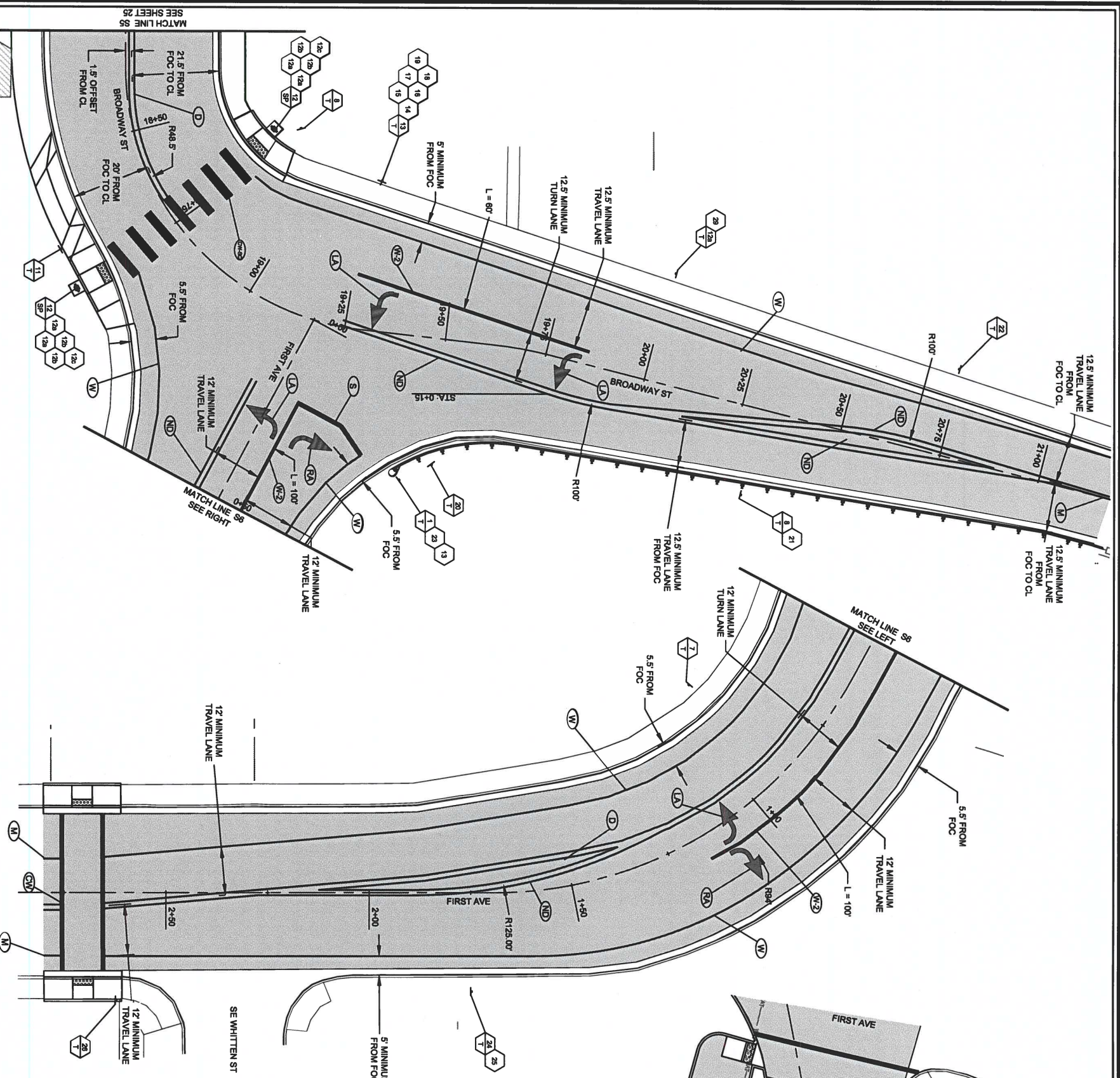
DATE:	REVISION:	BY:	ROAD NO.:	DATE:
			CR0006	10/16/2020
			PROJECT NO.:	CR1702
			TRSS:	T098 ROSE SEC 30, W.M.
			DESIGNED BY:	d.melrose
			CHECKED BY:	d.laund
			DRAFTED BY:	d.melrose
			REVIEWED BY:	c.knoll

MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

SIGNING AND STRIPING PLAN
 BROADWAY ST
 STA: 8+50 TO STA: 18+25 AND
 5TH AVE STA: 0+00 TO LINN BLVD

SCALE: 1" = 30'
 SHEET 25





SIGNING NOTES:
 1) THE LOCATIONS OF SIGN INSTALLATIONS SHOWN ARE APPROXIMATE WITH EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
 2) INSTALL SIGNS PER CDDOT STD DWGS TM200, TM201, TM287, TM287, TM287, DET DET2437, AND PER MANUFACTURER'S RECOMMENDATIONS
 3) INSTALL 2" OPTIONAL ANCHOR AS SHOWN ON TM287
 4) CONCRETE FOOTING IS NOT REQUIRED FOR INSTALLATION OF PSST SUPPORTS

- LEGEND:**
- N = SIGN NUMBER
 - S = SUPPORT
 - T = PERFORATED STEEL SQUARE TUBE
 - P = STEEL PIPE

- STRIPING NOTES:**
- ND MATCH NEW STRIPING TO EXISTING STRIPING
 - NV 4" WHITE LINE (SEE TM500)
 - W2 8" WHITE LINE (SEE TM500)
 - D DOUBLE NO-PASS, TWO 4" YELLOW LINES SHOWN THUS: (SEE TM500)
 - ND NARROW DOUBLE NO-PASS, TWO 4" YELLOW LINES SHOWN THUS: + (SEE TM500)
 - LA LEFT TURN ARROW (WHITE) (SEE TM501)
 - RA RIGHT TURN ARROW (WHITE) (SEE TM501)
 - SN STANDARD CROSSWALK, TWO 1" WHITE BARS (SEE TM503)
 - S STOP BAR, 1" WHITE BAR (SEE TM503)
 - SCS STAGGERED CONTINENTAL CROSSWALK, 2 WHITE BARS (SEE TM503)
 - P ON-STREET PARKING DETAIL (WHITE) SHOWN THUS: + (SEE TM503)
 - HC DISABLED PARKING DETAIL (SEE TM503)
 - YC YELLOW CURB MARKING

If this bar does not measure 1" then drawing is not to scale



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 877-3918
 FAX: (541) 824-0232
 E-MAIL: Road@linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

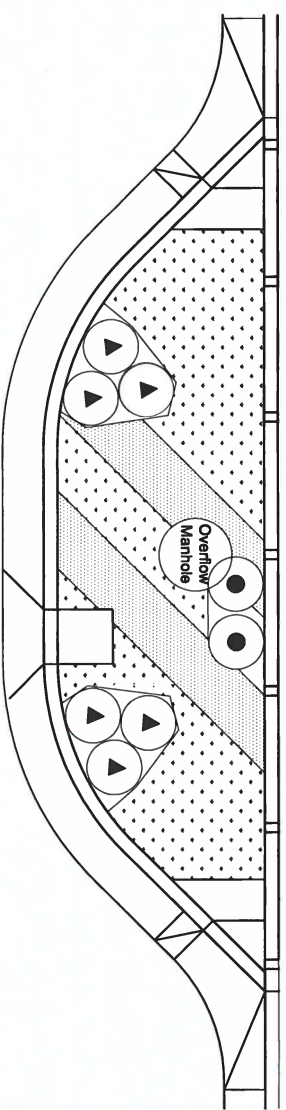
REVISION:	DATE:	BY:

ROAD NO: CR0006
 PROJECT NO: CR1702
 TSS: 1098 ROSE SEC 30, W.M.
 DESIGNED BY: d.malone
 CHECKED BY: d.laund
 DRAFTED BY: d.malone
 REVIEWED BY: c.knoll

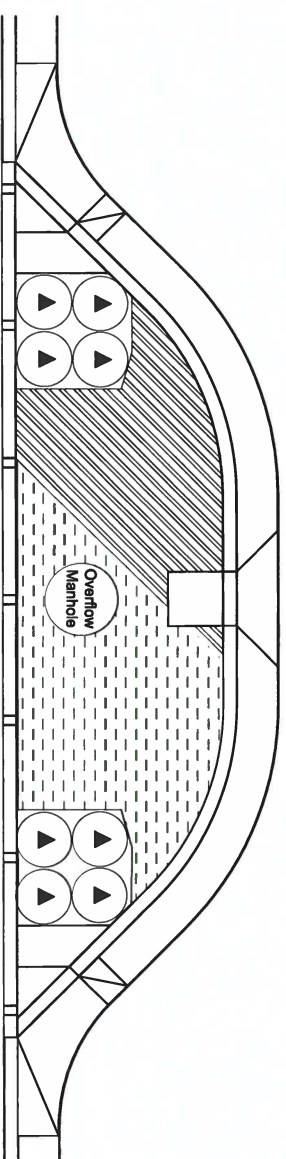
MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

SIGNING AND STRIPING PLAN
 BROADWAY ST
 STA: 18+25 TO STA: 21+18
 FIRST AVE STA: 0+00 TO STA: 2+90
 AND WALL ST STA: 0+00 TO STA: 2+47
 SCALE: 1" = 30'
 SHEET 26

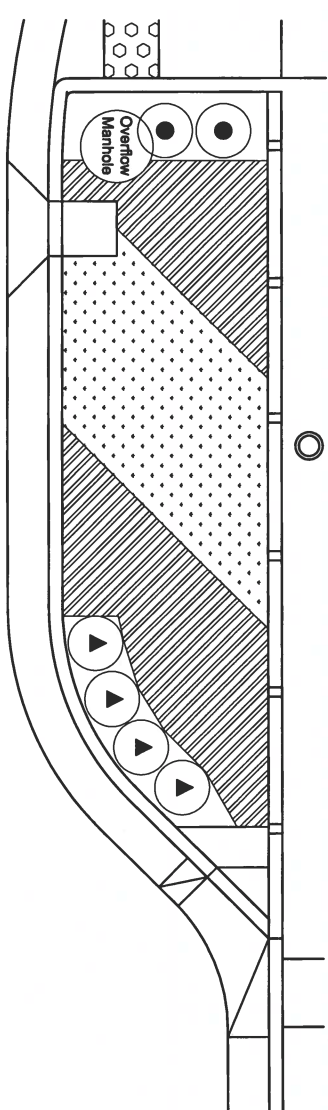
REGISTERED PROFESSIONAL ENGINEER
 76365
 OREGON
 DAVID LEAH MALONE
 May 23, 2013
 RENEWS: 12/31/2028



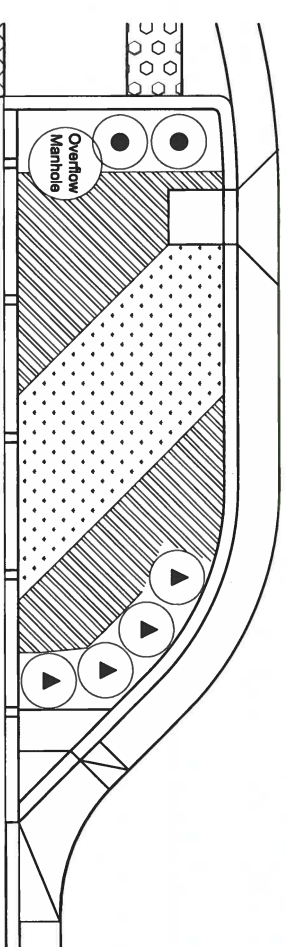
BIOCELL PLANTING DETAIL
STA. 10+00 RT



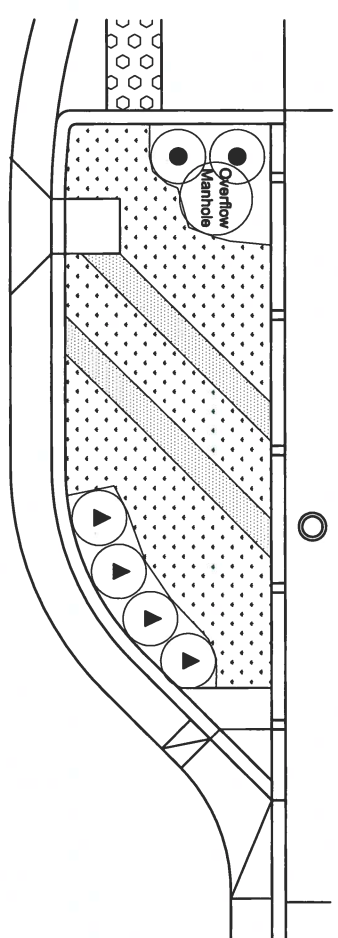
BIOCELL PLANTING DETAIL
STA. 10+00 RT



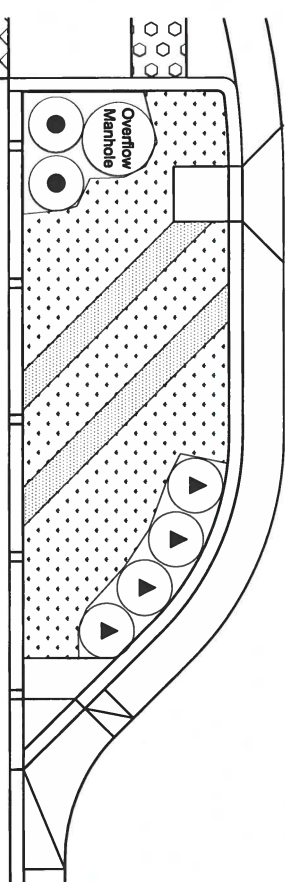
BIOCELL PLANTING DETAIL
STA. 12+25 LT



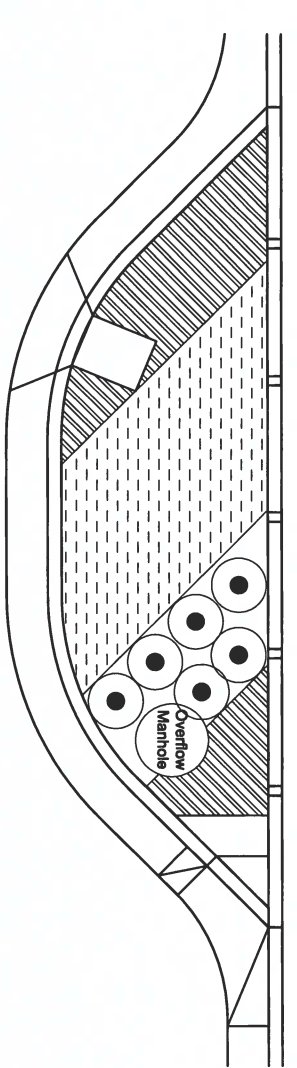
BIOCELL PLANTING DETAIL
STA. 12+25 RT



BIOCELL PLANTING DETAIL
STA. 15+00 LT



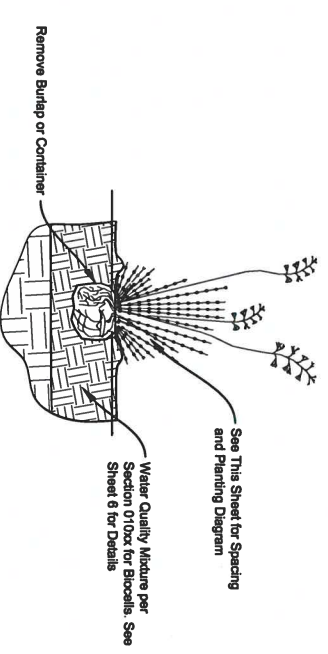
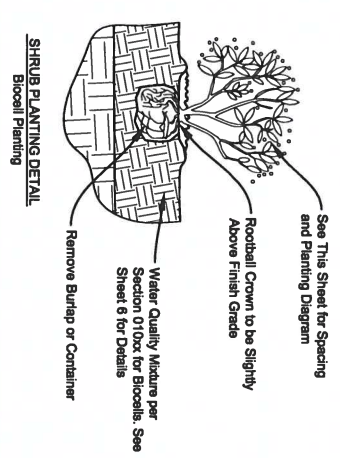
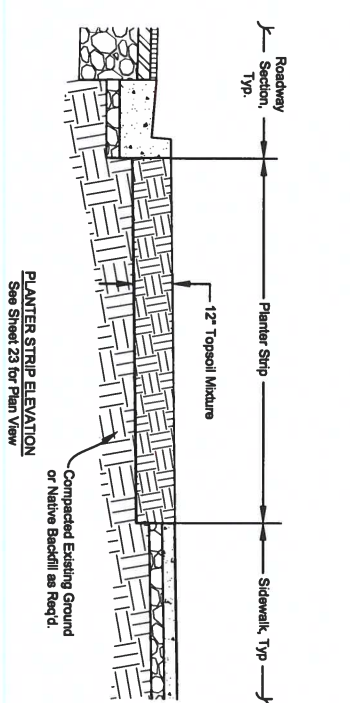
BIOCELL PLANTING DETAIL
STA. 15+00 LT



BIOCELL PLANTING DETAIL
STA. 17+15 LT

Symbol	Botanical Name	O.C.	QTY	SIZE
●	Carex monnini "Variegata"	12"	396	1
●	VARIEGATED JAPANESE SEDGE	12"	65	1
▲	Deerhempia caespitosa TUFTED HAIR GRASS	12"	214	1
▲	Juncus patens "TEN BLUE" ELK BLUE GREY RUSH	12"	118	1
▲	Carex oshurpa SLOUGH SEDGE	24"	30	1
▲	Rosa gymnocarpa DWARF WOOD ROSE	24"	18	1
●	Cornus sericea "Kelsey" KELSEY DOGWOOD	24"	1	1

GENERAL NOTES:
1. OTHER PLANTING DIAGRAMS MAY BE USED UPON
ENGINEERS APPROVAL.



LINN COUNTY ROAD DEPARTMENT
3010 FERRY STREET SW
ALBANY, OREGON 97322
PHONE: (541) 987-3919
FAX: (541) 924-0202
E-MAIL: Roaddep@linn.or.us

COUNTY COMMISSION
ROGER NYQUIST
CHAIRMAN
JOHN LINDSEY
WILLIAM TUCKER

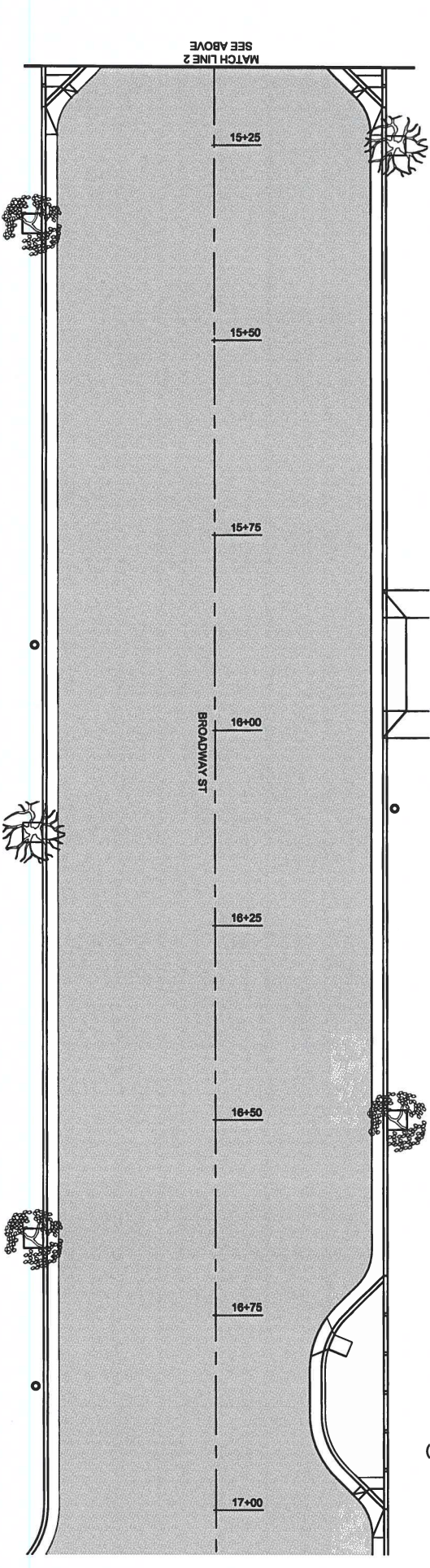
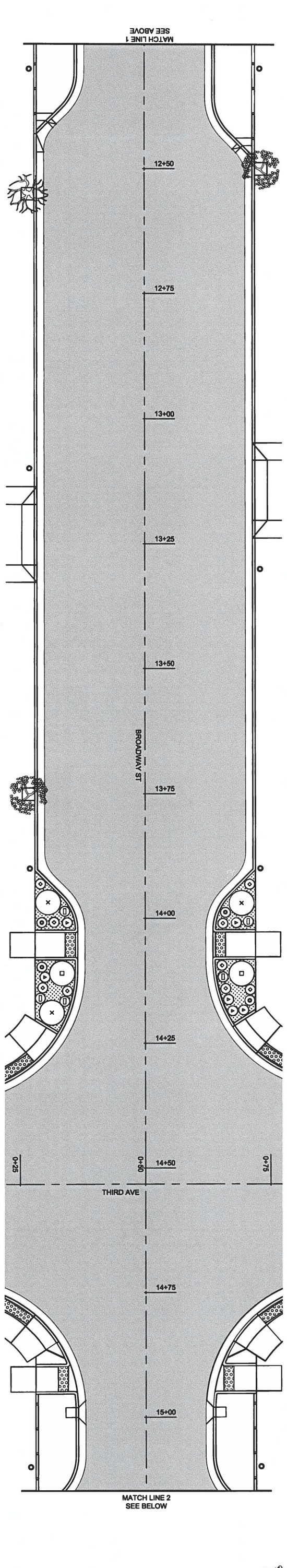
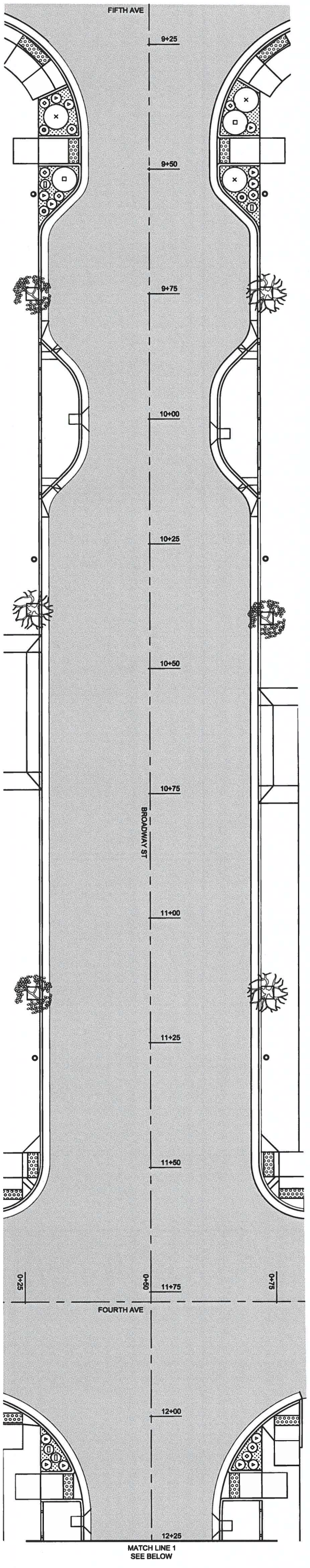
ROADMASTER
WAYNE E. MINK, P.E.
COUNTY ENGINEER
CHARLES R. KNOLL, P.E.

REVISION:	DATE:	BY:	ROAD NO.:	CR0006	DATE:	10/16/2020
			PROJECT NO.:	CR1702		
			DESIGNED BY:	d.malone	CHECKED BY:	d.leard
			DRAFTED BY:	d.malone	REVIEWED BY:	c.knoll

MILL CITY DOWNTOWN REVITALIZATION PROJECT
BROADWAY STREET
LINN COUNTY

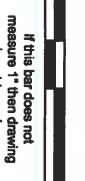
BIOCELL PLANTING PLAN AND DETAILS
AND
PLANTING DETAILS
SCALE: no scale
SHEET 27

REGISTERED PROFESSIONAL ENGINEER
76365
OREGON
DAVID MALONE
MAY 23, 2013
RENEWALS: 12/31/2025



STREETSCAPE PLANT LEGEND

Symbol	Botanical name COMMON NAME	O.C.	QTY	SIZE
⊗	Rhododendron spp. "Grand's Fuchsia" GIRARD'S FUCHSIA AZALEA	60"	5	3
◻	Cedrus deodara "Prostrata Beauty" PROSTRATE BEAUTY DEODAR CEDAR	60"	4	3
○	Calluna vulgaris "Firefly" FIREFLY SCOTCH HEATHER	24"	7	1
◻	Lavandula stoechas "Odo Quasar" SPANISH BUTTERFLY LAVENDER	24"	9	1
◻	Erica carnea "Springwood Pink" SPRINGWOOD PINK WINTER HEATH	24"	17	1
△	Arctostaphylos uva-ursi KINNICKINNIK	24"	19	1
◻	Daboypema cooperi HARDY ICE PLANT	12"	82	1
◻	Waldsteinia ternata BAREN STRAWBERRY	12"	82	1
◻	Pinus asperifolia "JFS-KV958" PINK FLAIR	8"	2-1/2'	1
◻	Ligustrum indica x fauriei "Hardhat" MATCHEZ CRAPE MYRTLE	8"	2-1/2'	1



GENERAL NOTES:
 1. OTHER PLANTING DIAGRAMS MAY BE USED UPON ENGINEERS APPROVAL.
 2. SEE SHEET 29 FOR PLANTING DETAILS



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 987-3919
 FAX: (541) 924-0222
 E-MAIL: Road@co.linn.or.us

COUNTY COMMISSION
 ROGER NYGQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

DATE:	REVISION:	BY:	ROAD NO.:	PROJECT NO.:	DATE:
			CR0008	CR11702	10/16/2020
				778: T08S ROSE SEC 30, W.M.	
				DESIGNED BY: d.malone	CHECKED BY: d.laird
				DRAFTED BY: d.malone	REVIEWED BY: c.knoll

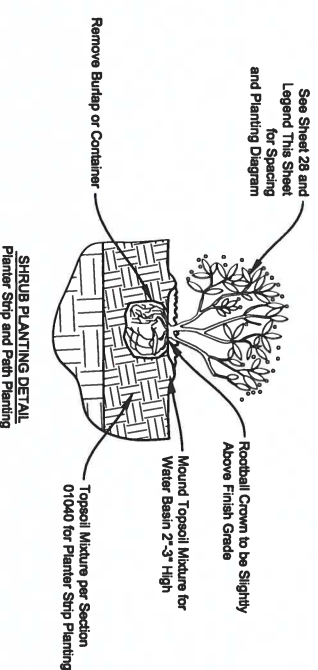
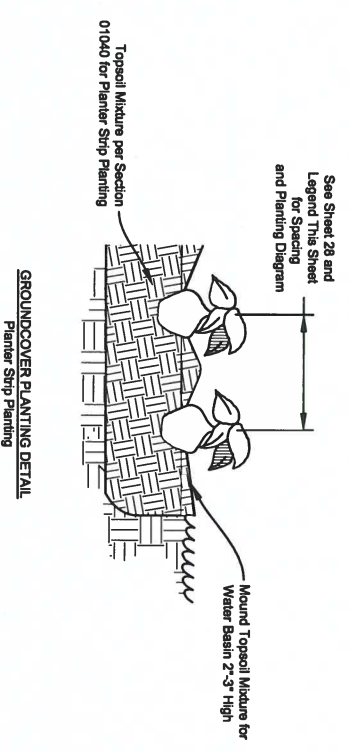
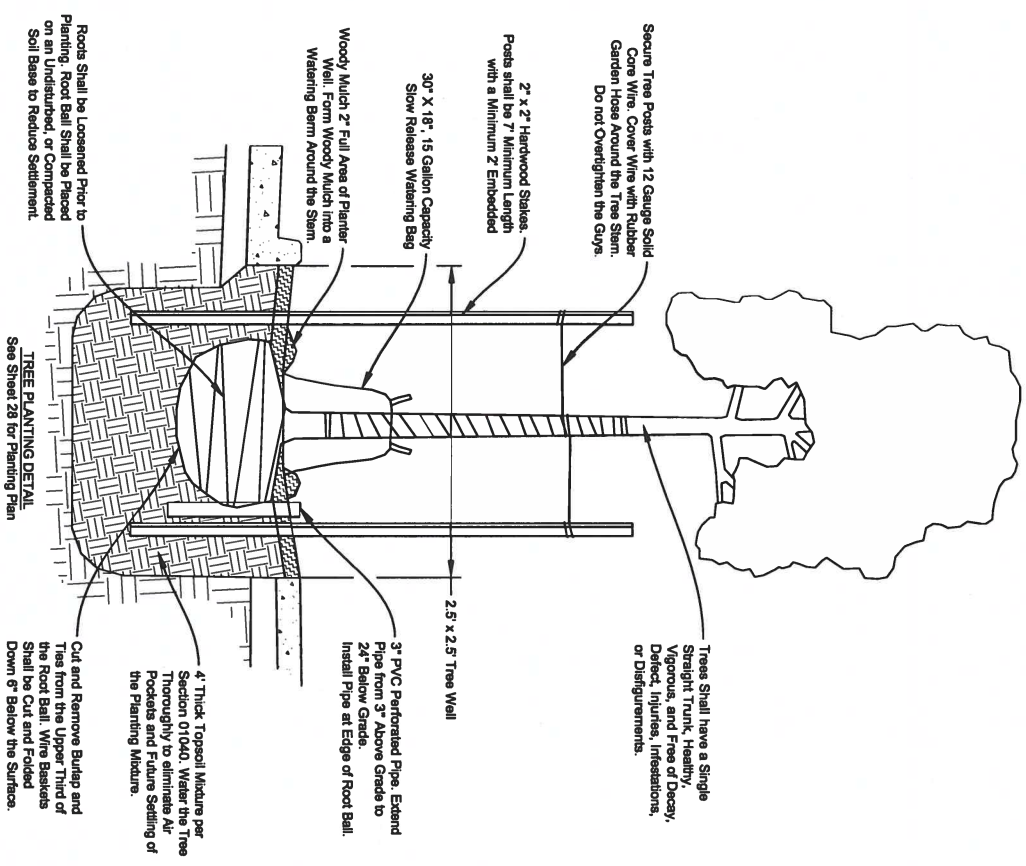
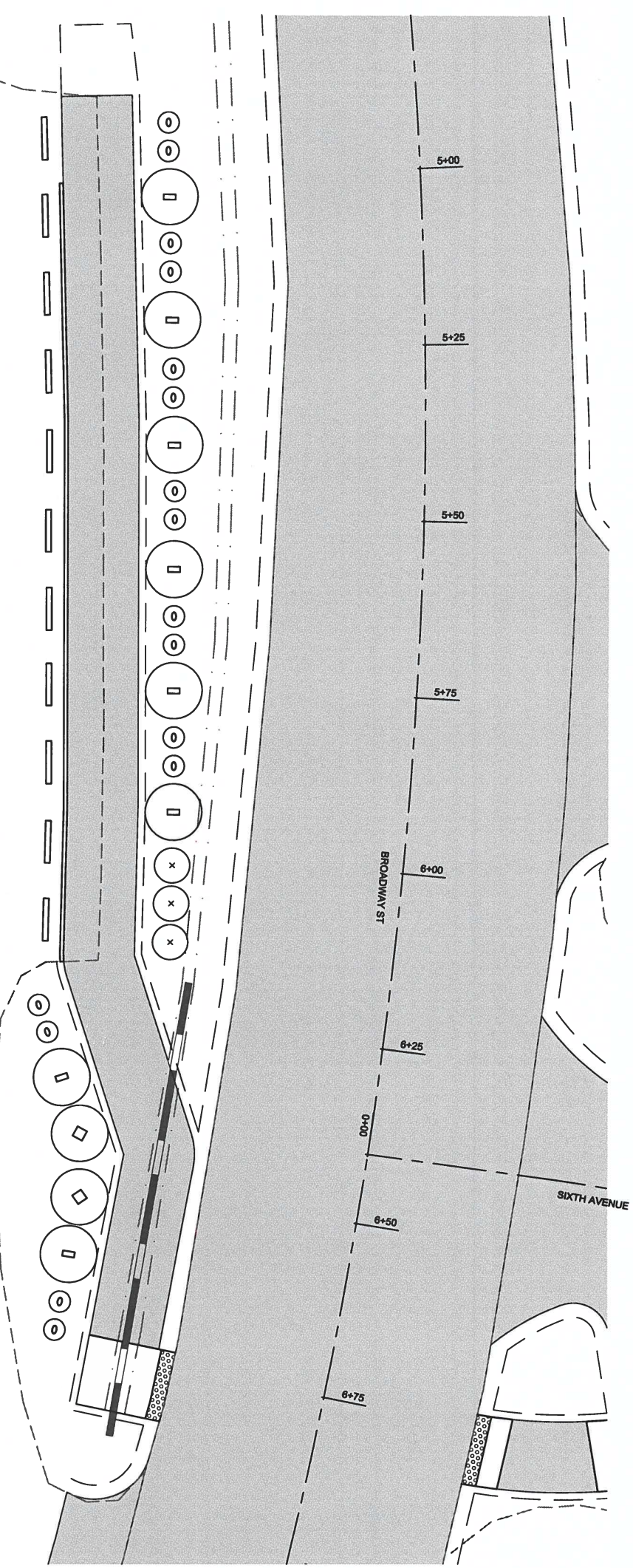
MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

BROADWAY ST PLANTING PLAN
 SCALE: 1" = 25'
 SHEET 28

REGISTERED PROFESSIONAL ENGINEER
 76365
 OREGON
 DAVID LEAH MALONE
 May 23, 2013
 RENEWS: 12/31/2020

PATH PLANT LEGEND				
Symbol	Botanical Name COMMON NAME	O.C.	QTY	SIZE
⊗	Rhododendron spp. "Giant's Fuchsia"	60"	3	3
⊖	Rhododendron - variety RHODODENDRON	98"	8	5
⊙	Yucca filamentosa ADAM'S NEEDLE	24"	16	3
⊕	Cornifolia galbanus PAMPAS GRASS	98"	2	5

- GENERAL NOTES:
1. OTHER PLANTING DIAGRAMS MAY BE USED UPON ENGINEERS APPROVAL.
 2. SUBMIT PLANT VARIETIES FOR APPROVAL PRIOR TO ORDERING



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 897-3819
 FAX: (541) 894-0202
 E-MAIL: Roaddep@oc.linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

DATE:	REVISION:	BY:	ROAD NO.:	DATE:
			CR0006	10/16/2020
			PROJECT NO.: CR1702	
			TFS: T098 R03E SEC 30, W1M	
			DESIGNED BY: d.malone	CHECKED BY: d.lead
			DRAFTED BY: d.malone	REVIEWED BY: c.knoll

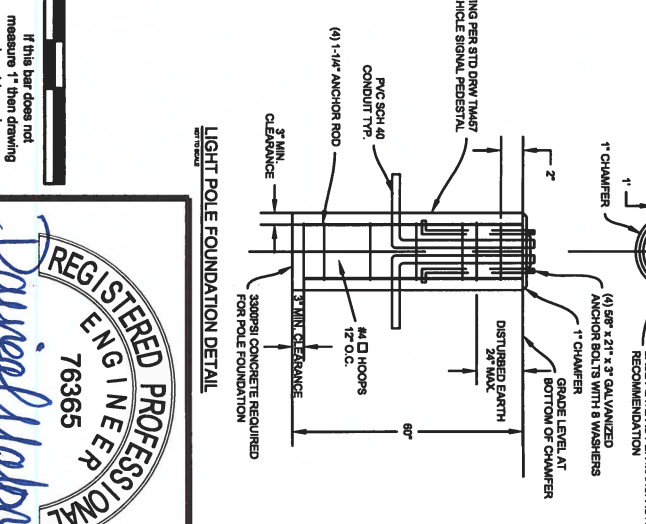
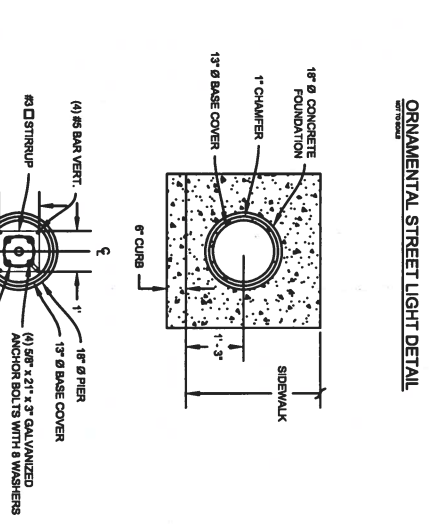
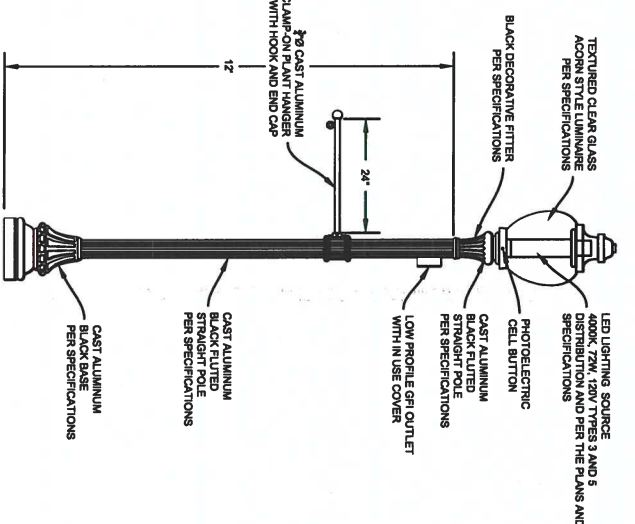
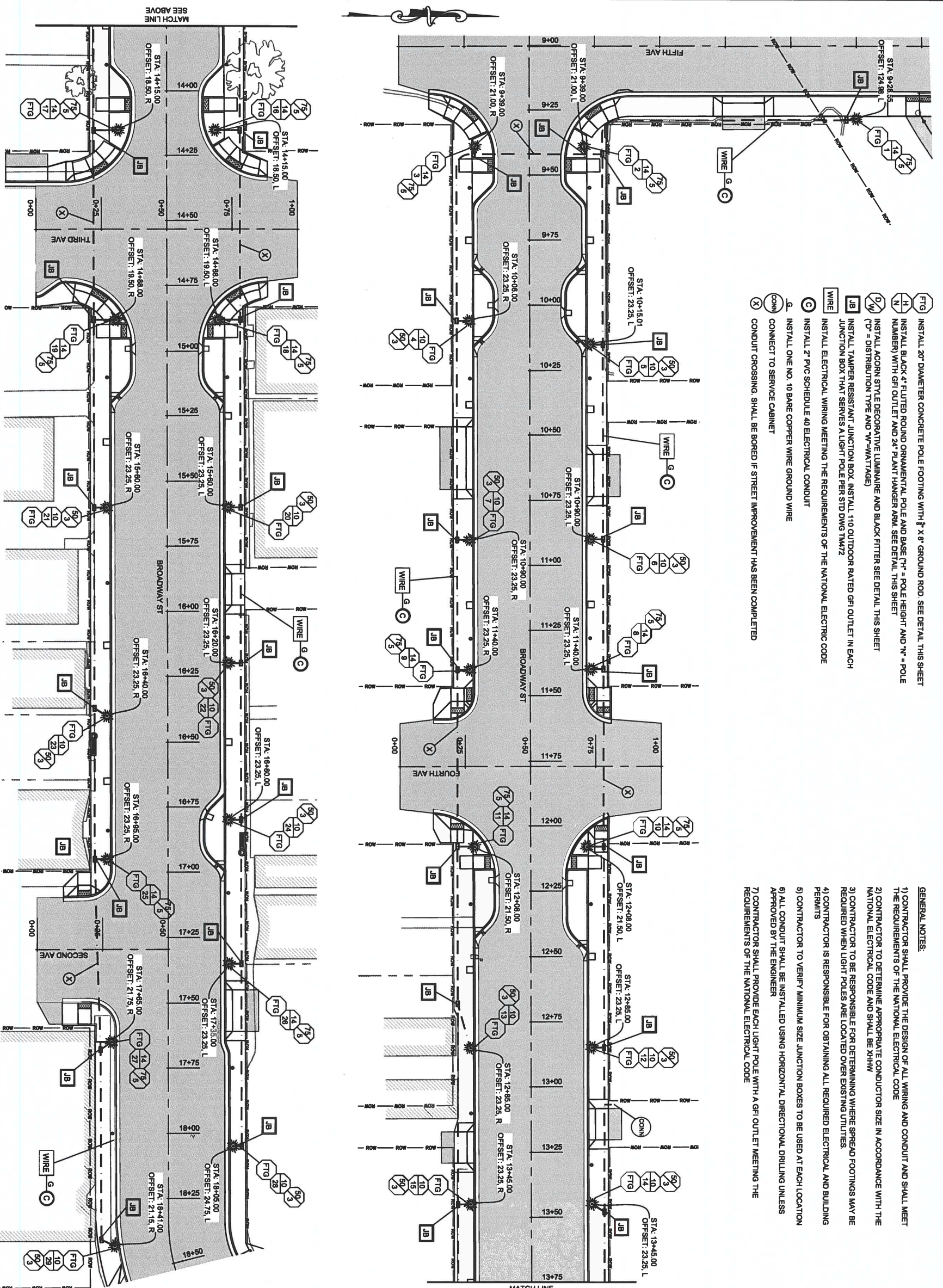
MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

PEDESTRIAN PATH PLANTING PLAN AND DETAILS
 AND
TREE PLANTING DETAIL
 SCALE: no scale SHEET 29

REGISTERED PROFESSIONAL ENGINEER
 76365
 OREGON
 May 23, 2013
 DAINEAL LEAH MALONE
 Renewals: 12/31/2025

- FTG INSTALL 20" DIAMETER CONCRETE POLE FOOTING WITH 8" X 8" GROUND ROD. SEE DETAIL THIS SHEET
- H INSTALL BLACK 4" FLUTED ROUND ORNAMENTAL POLE AND BASE "H" = POLE HEIGHT AND "N" = POLE NUMBER WITH GFI OUTLET AND 2" PLANT HANGER ARM. SEE DETAIL THIS SHEET
- D/W INSTALL ACCORN STYLE DECORATIVE LUMINAIRE AND BLACK FITTER SEE DETAIL THIS SHEET
- CP = DISTRIBUTION TYPE AND "W" = WATTAGE
- JB INSTALL TAMPER RESISTANT JUNCTION BOX. INSTALL 110 OUTDOOR RATED GFI OUTLET IN EACH JUNCTION BOX THAT SERVES A LIGHT POLE PER STD DWG TM472
- WIRE INSTALL ELECTRICAL WIRING MEETING THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE
- C INSTALL 2" PVC SCHEDULE 40 ELECTRICAL CONDUIT
- 1. INSTALL ONE NO. 10 BARE COPPER WIRE GROUND WIRE
- 2. CONNECT TO SERVICE CABINET
- CONV CONDUIT CROSSING SHALL BE BORED IF STREET IMPROVEMENT HAS BEEN COMPLETED

- GENERAL NOTES:**
- 1) CONTRACTOR SHALL PROVIDE THE DESIGN OF ALL WIRING AND CONDUIT AND SHALL MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE
 - 2) CONTRACTOR TO DETERMINE APPROPRIATE CONDUCTOR SIZE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND SHALL BE XHHW
 - 3) CONTRACTOR TO BE RESPONSIBLE FOR DETERMINING WHERE SPREAD FOOTINGS MAY BE REQUIRED WHEN LIGHT POLES ARE LOCATED OVER EXISTING UTILITIES.
 - 4) CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED ELECTRICAL AND BUILDING PERMITS
 - 5) CONTRACTOR TO VERIFY MINIMUM SIZE JUNCTION BOXES TO BE USED AT EACH LOCATION
 - 6) ALL CONDUIT SHALL BE INSTALLED USING HORIZONTAL DIRECTIONAL DRILLING UNLESS APPROVED BY THE ENGINEER
 - 7) CONTRACTOR SHALL PROVIDE EACH LIGHT POLE WITH A GFI OUTLET MEETING THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE



LINN COUNTY ROAD DEPARTMENT
 3010 FERRY STREET SW
 ALBANY, OREGON 97322
 PHONE: (541) 877-3918
 FAX: (541) 924-0202
 E-MAIL: Road@co.linn.or.us

COUNTY COMMISSION
 ROGER NYQUIST
 CHAIRMAN
 JOHN LINDSEY
 WILLIAM TUCKER

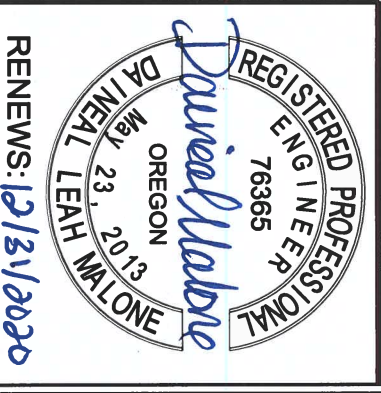
ROADMASTER
 WAYNE E. MINK, P.E.
COUNTY ENGINEER
 CHARLES R. KNOLL, P.E.

REVISION/	DATE:	BY:
ROAD NO. CR0006	DATE: 10/16/2020	
PROJECT NO. CR1702		
TSS: T09S ROSE SEC 30, W1M		
DESIGNED BY: d.milone	CHECKED BY: d.lead	
DRAWN BY: d.milone	REVIEWED BY: c.knoll	

MILL CITY DOWNTOWN REVITALIZATION PROJECT
 BROADWAY STREET
 LINN COUNTY

LIGHTING PLAN AND DETAILS
 BROADWAY ST
 STA.: 9+00 TO STA.: 18+50

SCALE: 1" = 40'
 SHEET 30



000-111-02 up:0000

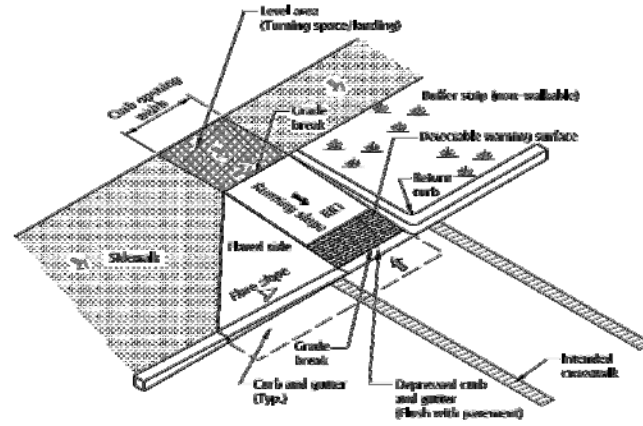
RD900

CURB RAMP INDEX

STD. DWG. NO.	STD. DWG. TITLE
RD900	Curb Ramp Components And Legend
RD901	Curb Ramp Layout And Corner Identification
RD902	Detectable Warning Surface Details
RD904	Detectable Warning Surface Placement For Curb Ramps
RD905	Detectable Warning Surface Placement For Directional Curbs
RD906	Detectable Warning Surface Placement For Accessible Route Island
RD910, RD912	Perpendicular Curb Ramp
RD913	Perpendicular Curb Ramp With Closure
RD916	Perpendicular Curb Ramp Single Ramp
RD919	Flushed Curb Ramp
RD922	Flushed Curb Ramp Single Ramp
RD918, RD917	Combination Curb Ramp
RD920	Combination Curb Ramp Single Ramp
RD918	Flushed Transition Curb Ramp/Single Ramp
RD950 & RD952	End Of Block Curb Ramp
RD968	Unicycle Curb Ramp

LEGEND:

- Marked or intended crossing traversable location
- Sidewalk or other traversable surface
- Detectable warning surface (DWS)
- Level area (Turning space/landing)
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Round sidewalk cross slope)
- Ramping slope. (Max. 4.5% finished surface slope)
- Ramping slope 7.5% max. (Max. 8.3% finished surface slope)
- Counter slope 4.0% max. ascending or descending (Max. 5.0% finished surface slope) Slope as required for drainage
- Flare slope (Max. 10.0% finished surface slope)
- 4'x4' clear space
- Ramp Bar Position 1



TYPICAL CURB RAMP SYSTEM COMPONENTS
(PERPENDICULAR TYPE SHOWING)

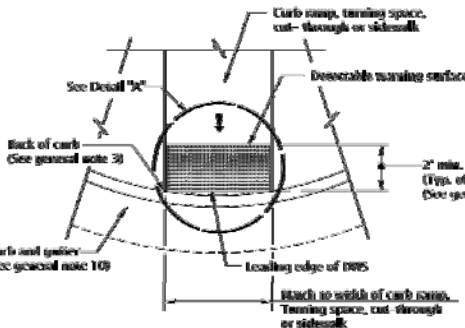
CURB. NUMBER: N/A	DATE: 20-JULY-2020
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.	
OREGON STANDARD DRAWINGS	
CURB RAMP COMPONENTS AND LEGEND	
2021	
DATE: 07-20-20	DESIGNED: [REDACTED]
DATE: [REDACTED]	CHECKED: [REDACTED]
DATE: [REDACTED]	APPROVED: [REDACTED]

Effective Date: December 1, 2020 - May 31, 2021

RD900

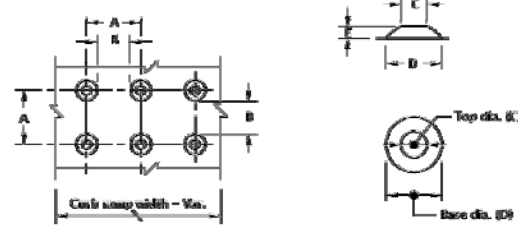
000-111-02 up:0000

RD902

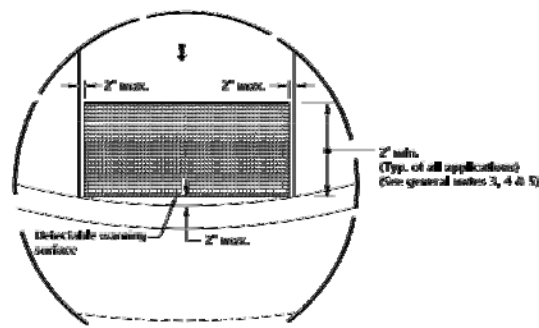


DETECTABLE WARNING SURFACE DETAIL

	A	B	C	D	E
MIN.	1.60"	0.85"	0.45"	0.90"	0.20"
MAX.	2.40"	—	0.91"	1.40"	0.20"



TRUNCATED DOME DETAILS



DETAIL "A"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Detectable warning surface details & locations are based on applicable ODOT Standards.
- See project plans for details not shown. See Std. Drawg. RD900 & RD901 for curbs.
- The detectable warning surface shall extend the full width of the curb ramp opening, shared use path, bleached transition, turning space, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the detectable warning surface is permitted (measured at the leading edge of the detectable warning surface panels).
- Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 ft. in the direction of pedestrian travel at curb ramps that are adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shapes as shown in plans. Detectable warning surface across a grade break is prohibited.
- Color to be safety yellow if no color specified in construction note. Alternative colors require a design exception on or along state highways.
- Detectable warning surface shall be used in the following locations:
 - Curb ramps at street crossings.
 - Crossing islands (crosswalk route islands).
 - Rail crossings.
- Where public transportation stations (rail, bus, etc.) use platforms, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards. (See Std. Drawg. RD900).
- Detectable warning surface shall not be used on the following locations:
 - End of sidewalk situations that are not at a crossing. (See Std. Drawg. RD950, RD952 & RD968).
 - Driveways, unless constructed with curb returns or are shielded.
 - Parking lots, access aisles and passenger loading zones where curb ramp does not lead to vehicular way.
- Where no curb is present, the detectable warning surface shall be placed at the edge of the roadway.
- On or along state highways, curb and gutter is required at curb ramps.

- LEGEND:**
- Detectable warning surface
 - Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Round sidewalk cross slope)
 - Ramping slope 7.5% max. (Max. 8.3% finished surface slope)

CURB. NUMBER: N/A	DATE: 20-JULY-2020
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.	
OREGON STANDARD DRAWINGS	
DETECTABLE WARNING SURFACE DETAILS	
2021	
DATE: 07-20-20	DESIGNED: [REDACTED]
DATE: [REDACTED]	CHECKED: [REDACTED]
DATE: [REDACTED]	APPROVED: [REDACTED]

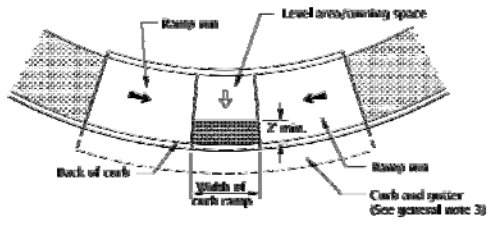
Effective Date: December 1, 2020 - May 31, 2021

RD902

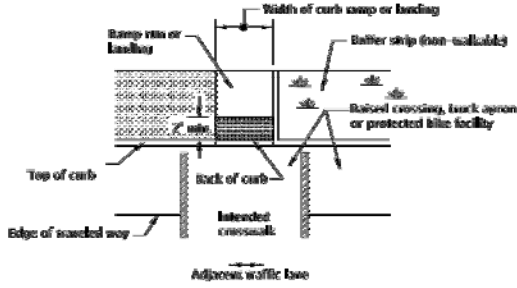
<p>SCALE: no scale</p> <p>SHEET 33</p>	<p>ODOT STANDARD DRAWINGS FOR CURB RAMPS</p>	<p>MILL CITY DOWNTOWN REVITALIZATION PROJECT</p> <p>BROADWAY STREET</p> <p>LINN COUNTY</p>	<p>ROAD NO.: CR0006</p> <p>PROJECT NO.: CR1702</p> <p>DESIGNED BY: dim</p> <p>DRAFTED BY: dim</p>	<p>DATE: 10/16/2020</p> <p>CHECKED BY: del</p> <p>REVIEWED BY: ck</p>	<p>DATE:</p> <p>REVISION:</p> <p>BY:</p>	<p>ROADMASTER</p> <p>WAYNE E. MINK, P.E.</p> <p>COUNTY ENGINEER</p> <p>CHARLES R. KNOLL, P.E.</p>	<p>COUNTY COMMISSION</p> <p>ROGER NYQUIST</p> <p>CHAIRMAN</p> <p>JOHN LINDESEY</p> <p>WILLIAM TUCKER</p>	<p>LINN COUNTY ROAD DEPARTMENT</p> <p>3010 FERRY STREET SW</p> <p>ALBANY, OREGON 97322</p> <p>PHONE: (541) 967-2819</p> <p>FAX: (541) 924-4202</p> <p>EMAIL: RoadInfo@odot.or.gov</p>

RD904.dwg 20-JUL-2020

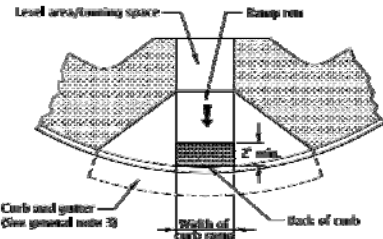
RD904



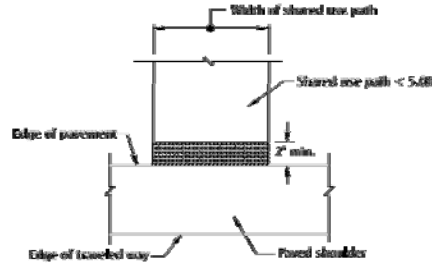
PARALLEL CURB RAMP



RAISED CROSSING, TRUCK APRON OR PROTECTED BIKE FACILITY



PERPENDICULAR CURB RAMP
GRADE BREAK IN FRONT OF CURB



SHARED-USE PATH CONNECTION

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details & locations are based on applicable ODOT Standards.
2. See project plans for details not shown. See Std. Dwg. RD709 & RD701 for curbs. See Std. Dwg. RD902 for detectable warning surface installation details.
3. On or along state highways, curb and gutter is required at curb ramps.
4. Detectable warning surface placement for perpendicular ramps vary as shown.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Warning slope 7.5% max. (Max. 8.5% finished surface slope)

CAC. REVISION: N/A

DATE: 20-JULY-2020

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
DETECTABLE WARNING SURFACE
PLACEMENT FOR CURB RAMPS

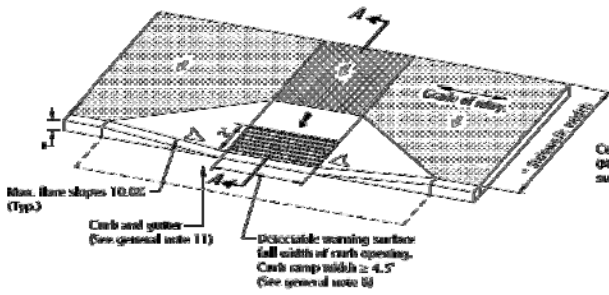
2021

Effective Date: December 1, 2020 – May 31, 2021

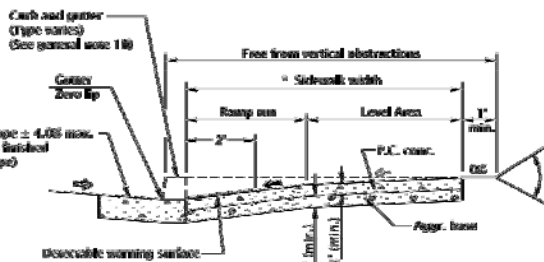
RD904

RD910.dwg 20-JUL-2020

RD910



PERPENDICULAR CURB RAMP DETAIL
(Use "Raised Curb Ramp Detail" or "Combination Curb Ramp Detail" when road, turning space cannot be obtained)



SECTION A-A
NOTE: Minimum width of 14.25 feet sidewalk for E=7'

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See Std. Dwg. RD709 & RD701 for curbs. See Std. Dwg. RD728 & RD721 for sidewalks. See Std. Dwg. RD902 through RD908 for detectable warning surface installation details. See Std. Dwg. RD912 through RD916 for curb ramp placement options.
3. Site conditions normally require a project specific design. See project plans for details not shown.
4. Tied-off dummy joints are required at all curb ramp grade break lines. (See Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb opening. Curb ramp width $\geq 4.5'$.
7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that occur at grade breaks shall be flush.
8. Beveled curbs may be provided in lieu of flared slope only if protected from tampering caused by landscaping, see Std. Dwg. RD771. Beveled curbs shall not reduce width of approaching sidewalk.
9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide multiple access from a roadway to a sidewalk, the curb ramp opening will be $\geq 8'$ wide.
10. Place an outlet on upstream side of curb ramp or provide other approved drainage mitigation. Check the system flow depth at curb ramp locations to ensure that the design flood does not overlap the back of sidewalk.
11. On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

- Sidewalk
- Detectable warning surface
- Level area (turning space/landing) Unobstructed 4.5' x 4.5' With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing). For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Warning slope 7.5% max. (Max. 8.5% finished surface slope)
- Counter slope 4.0% max. (Max. 5.0% finished surface slope) Slope as required for drainage
- Flare slope (Max. 10% finished surface slope)

CAC. REVISION: N/A

DATE: 20-JULY-2020

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
PERPENDICULAR CURB RAMP

2021

Effective Date: December 1, 2020 – May 31, 2021

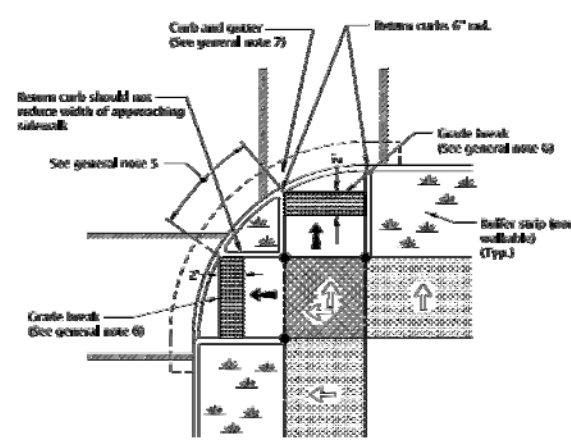
RD910

<p>ODOT STANDARD DRAWINGS FOR CURB RAMPS</p> <p>SCALE: no scale</p> <p>SHEET 34</p>	<p>ROAD NO.: CR0006 DATE: 10/16/2020</p> <p>PROJECT NO.: CR1702</p> <p>TSS: 109S R03E SEC30 W.M.</p> <p>DESIGNED BY: dim CHECKED BY: del</p> <p>DRAFTED BY: dim REVIEWED BY: cik</p>	<p>DATE:</p> <p>REVISION:</p> <p>BY:</p>	<p>ROADMASTER WAYNE E. MINK, P.E. COUNTY ENGINEER CHARLES R. KNOLL, P.E.</p>	<p>COUNTY COMMISSION ROGER NYQUIST CHAIRMAN JOHN LINDESEY WILLIAM TUCKER</p>	<p>LINN COUNTY ROAD DEPARTMENT 3010 FERRY STREET SW ALBANY, OREGON 97322 PHONE: (541) 967-2819 FAX: (541) 924-4202 EMAIL: RoadInfo@odot.or.us</p>

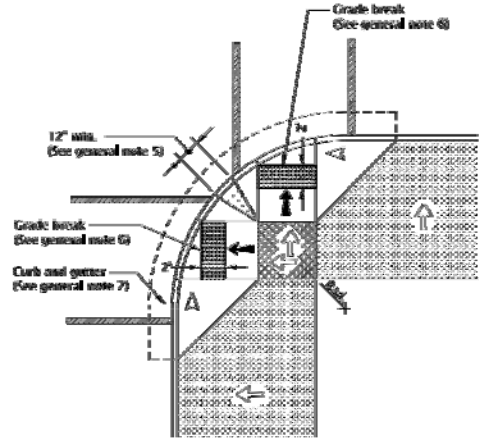


RD912.dgn

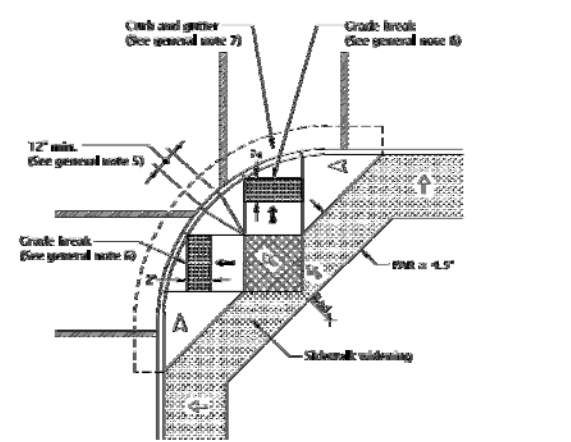
RD912



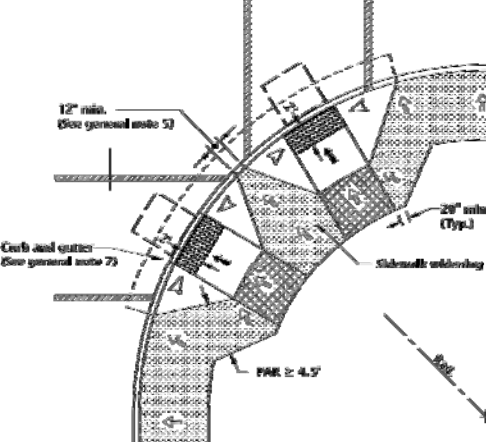
**WITH LANDSCAPED BUFFER STRIP
OPTION "PR-1"**



**FOR WIDE SIDEWALKS
OPTION "PR-2"**



**FOR NARROW SIDEWALKS
OPTION "PR-3"**



**FOR NARROW SIDEWALKS
OPTION "PR-4"**

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Curb ramp details are based on applicable ODOT Standards.
- See project plans for details not shown. See Std. Drawg. RD900 & RD901 for curbs. See Std. Drawg. RD920 & RD921 for sidewalks. See Std. Drawg. RD910 for perpendicular curb ramp details. See Std. Drawg. RD902 through RD906 for detectable warning surface installation details.
- Tooled slurry joints are required at all curb ramp grade break lines. (See Std. Drawg. RD922).
- Curb ramp slopes shown are relative to the true level horizon (zero bubble).
- When 2 curb ramps are immediately adjacent, the curb exposure (E) between the adjacent side flares may range between 3\"/>

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
Unobstructed 4.5' x 4.5'
With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).
For the purposes of this application, a max. 2.0% finished surface slope (for drivings) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)
- Ramping slope 7.5% max.
(Max. 8.3% finished surface slope)
- Flare slope
(Max. 1.0% finished surface slope)
- Zero curb exposure
- 4' x 4' clear space
- PAR Pedestrian Access Route

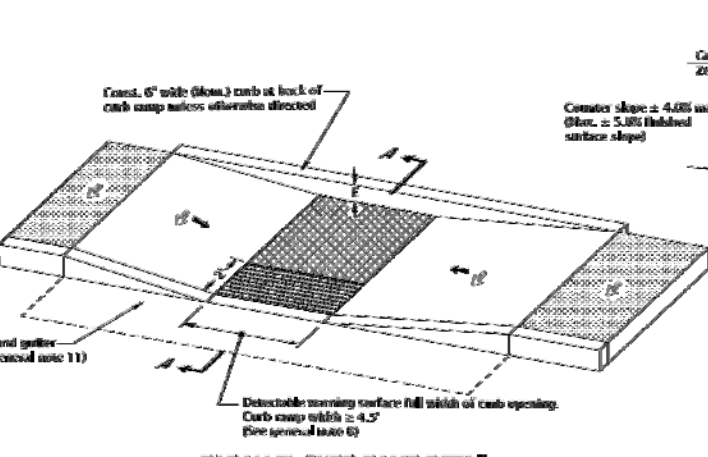
CURB RAMP NO.	N/A	NO. DATE	20-JULY-2020
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
PERPENDICULAR CURB RAMP			
2021			
DATE	DESCRIPTION	BY	REVISION
07-20-20	INITIAL DRAFT		

Effective Date: December 1, 2020 - May 31, 2021

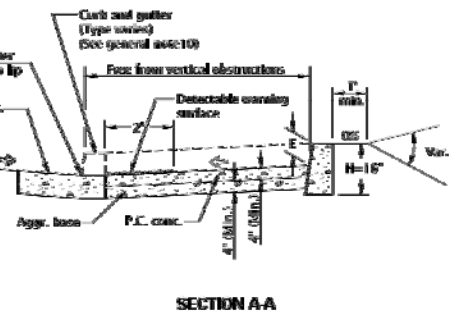
RD912

RD920.dgn

RD920



PARALLEL CURB RAMP DETAIL



SECTION A-A

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Curb ramp details are based on applicable ODOT Standards.
- See Std. Drawg. RD900 & RD901 for curbs. See Std. Drawg. RD920 & RD921 for sidewalks. See Std. Drawg. RD902 through RD906 for detectable warning surface installation details. See Std. Drawg. TR940 for crosswalk closure detail.
- Site conditions usually require a project specific design. See project plans for details not shown.
- Tooled slurry joints are required at all curb ramp grade break lines. (See Std. Drawg. RD922).
- Curb ramp slopes shown are relative to the true level horizon (zero bubble).
- Place detectable warning surface at the back of curb for a minimum depth of 2\"/>

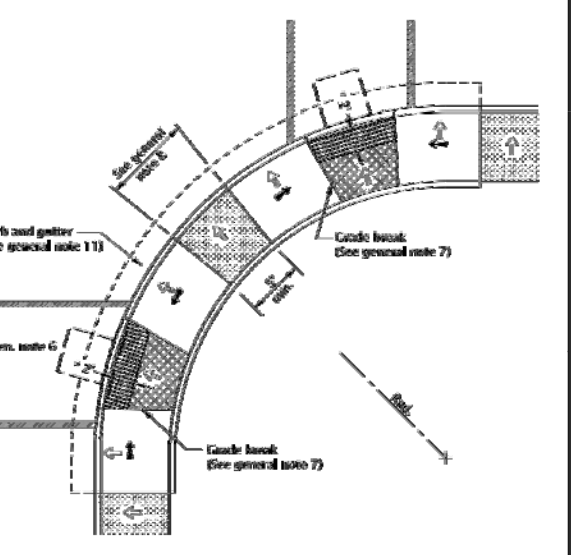
LEGEND:

- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
Unobstructed 4.5' x 4.5'
With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).
For the purposes of this application, a max. 2.0% finished surface slope (for drivings) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)
- Ramping slope 7.5% max.
(Max. 8.3% finished surface slope)
- Counter slope 4.0% max. ascending or descending.
(Max. 5.0% finished surface slope)
slope as required for drainage
- 4' x 4' clear space

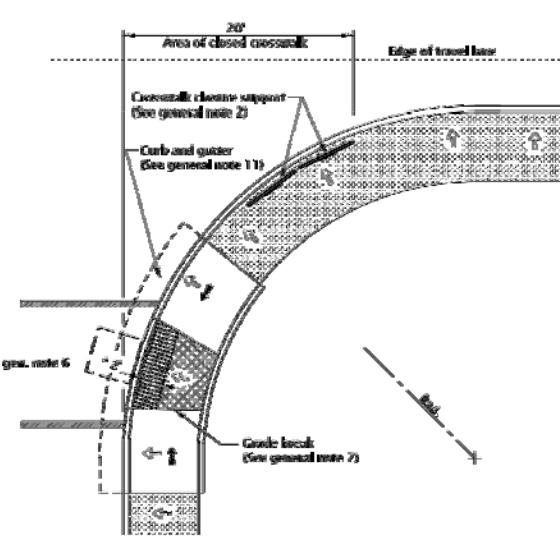
CURB RAMP NO.	N/A	NO. DATE	20-JULY-2020
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
PARALLEL CURB RAMP			
2021			
DATE	DESCRIPTION	BY	REVISION
07-20-20	INITIAL DRAFT		

Effective Date: December 1, 2020 - May 31, 2021

RD920



**PARALLEL CURB RAMPS
OPTION "PL-1"**

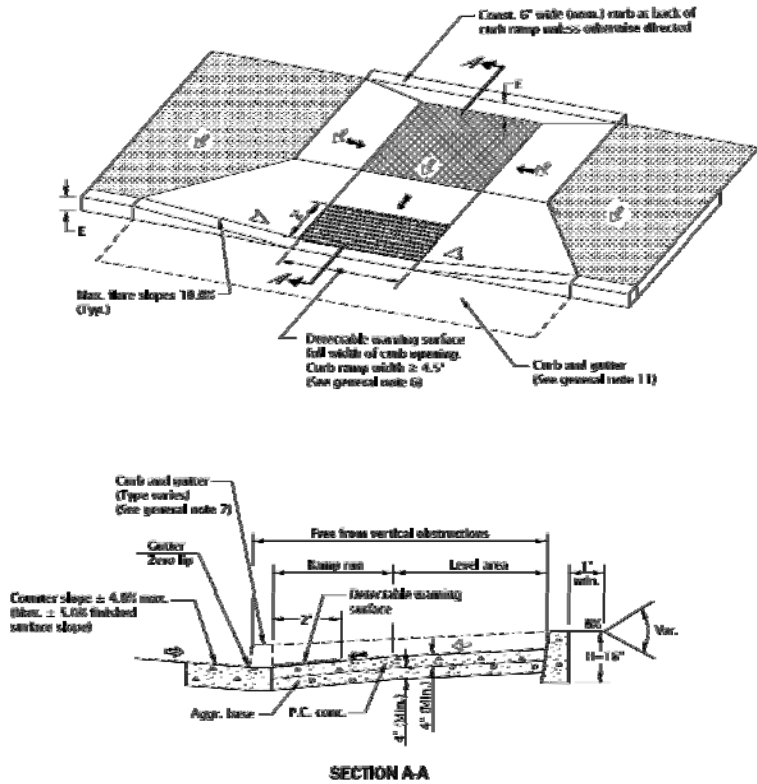


**PARALLEL CURB RAMP WITH CROSSWALK CLOSURE
OPTION "PL-2"**

<p>ODOT STANDARD DRAWINGS FOR CURB RAMPS</p> <p>SCALE: no scale</p> <p>SHEET 35</p>	<p>ROAD NO.: CR0006 DATE: 10/16/2020</p> <p>PROJECT NO.: CR1702</p> <p>TRIS: 109S R03E SEC30 W.M.</p> <p>DESIGNED BY: dim CHECKED BY: del</p> <p>DRAFTED BY: dim REVIEWED BY: cik</p>	<p>DATE:</p> <p>REVISION:</p> <p>BY:</p>	<p>ROADMASTER WAYNE E. MINK, P.E. COUNTY ENGINEER CHARLES R. KNOLL, P.E.</p>	<p>COUNTY COMMISSION ROGER NYQUIST CHAIRMAN JOHN LINDESEY WILLIAM TUCKER</p>	<p>LINN COUNTY ROAD DEPARTMENT 3010 FERRY STREET SW ALBANY, OREGON 97322 PHONE: (541) 967-2819 FAX: (541) 924-4202 EMAIL: Road@odmncr.us</p>
---	--	--	--	--	--

0802-11-02 upp0884

RD930



SECTION A-A
COMBINATION CURB RAMP DETAIL

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
3. Site conditions normally require a project specific design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp slope break lines. (See Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.
7. Place an inlet at upstream side of curb ramp or provide other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flow does not overlap the back of sidewalk.
8. Retain curb may be provided in lieu of flared slope only if protected from traverse travel by landscaping. Retain curb shall not reduce width of approaching sidewalk.
9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening shall be 4' wide.
10. When 2 curb ramps are immediately adjacent, the curb exposure (E) between the adjacent side flares may range between 3" and full design exposure.
11. On or along state highways, curb and gutter is required at curb ramps.
12. Grade levels at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and warning spaces. Surface slopes that meet at grade breaks shall be flush.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
Unobstructed 4.5' x 4.5'
With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).
For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)
- Ramping slope 7.5% max.
(Max. 8.3% finished surface slope)
- Counter slope 4.8% max. ascending or descending.
(Max. 5.0% finished surface slope)
Slope as required for drainage
- Flare slope
(Max. 10% finished surface slope)

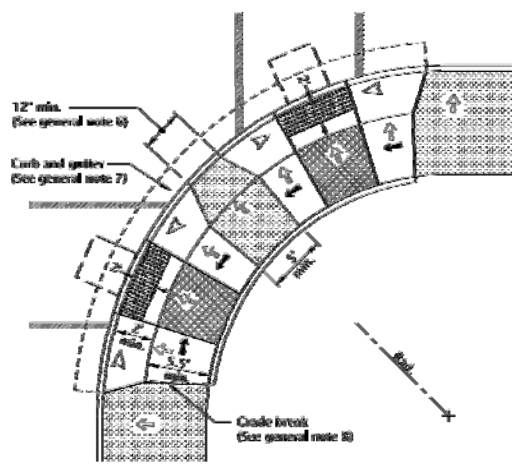
CMC - ISSUE NO.	N/A	ISSUE DATE	29-JULY-2020
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
COMBINATION CURB RAMP			
2021			
DATE	DESCRIPTION	BY	REVISION
07-2020	DRAWING CREATED		

Effective Date: December 1, 2020 - May 31, 2021

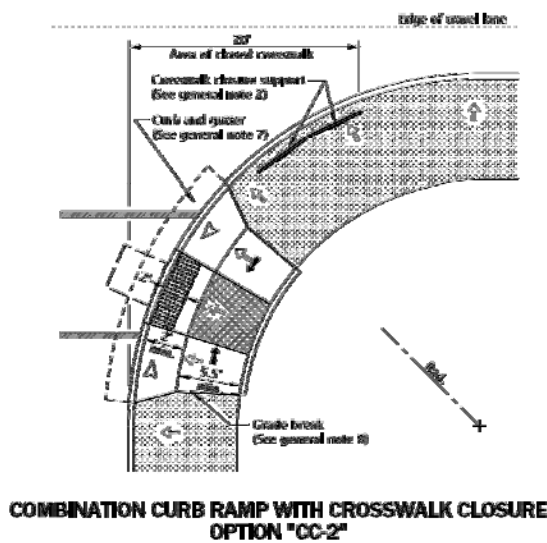
RD930

0802-11-02 upp0884

RD932



COMBINATION CURB RAMPS
OPTION "CC-1"



COMBINATION CURB RAMP WITH CROSSWALK CLOSURE
OPTION "CC-2"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
3. Site conditions normally require a project specific design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp slope break lines. (See Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. When 2 curb ramps are immediately adjacent, the curb exposure (E) between the adjacent side flares may range between 3" and full design exposure.
7. On or along state highways, curb and gutter is required at curb ramps.
8. Grade levels at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and warning spaces. Surface slopes that meet at grade breaks shall be flush.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
Unobstructed 4.5' x 4.5'
With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).
For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)
- Ramping slope 7.5% max.
(Max. 8.3% finished surface slope)
- Flare slope
(Max. 10% finished surface slope)
- 4'x4' clear space

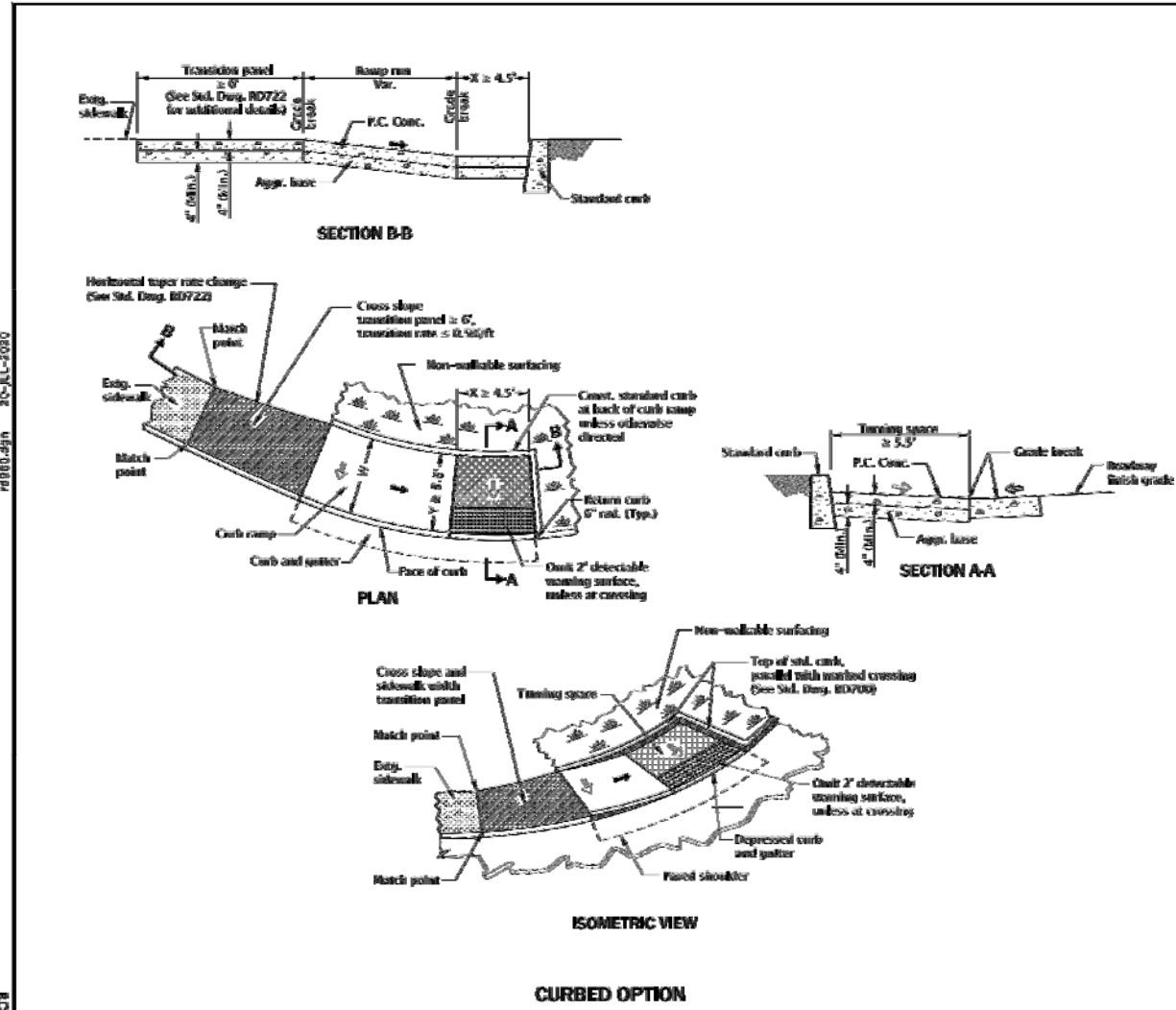
CMC - ISSUE NO.	N/A	ISSUE DATE	29-JULY-2020
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
COMBINATION CURB RAMP			
2021			
DATE	DESCRIPTION	BY	REVISION
07-2020	DRAWING CREATED		

Effective Date: December 1, 2020 - May 31, 2021

RD932

<p>ROAD NO.: CR0006 DATE: 10/16/2020</p> <p>PROJECT NO.: CR1702</p> <p>TRIS: 109S RD3E SEC30, W.M.</p> <p>DESIGNED BY: dlh CHECKED BY: del</p> <p>DRAFTED BY: dlh REVIEWED BY: ck</p>	<p>MILL CITY DOWNTOWN REVITALIZATION PROJECT</p> <p>BROADWAY STREET</p> <p>LINN COUNTY</p>	<p>ODOT STANDARD DRAWINGS FOR CURB RAMPS</p> <p>SCALE: no scale</p> <p>SHEET 36</p>	<p>DATE:</p> <p>REVISION:</p> <p>BY:</p>	<p>ROADMASTER WAYNE E. MINK, P.E. COUNTY ENGINEER CHARLES R. KNOLL, P.E.</p>	<p>COUNTY COMMISSION ROGER NYQUIST CHAIRMAN JOHN LINDESEY WILLIAM TUCKER</p>	<p>LINN COUNTY ROAD DEPARTMENT 3010 FERRY STREET SW ALBANY, OREGON 97322 PHONE: (541) 967-8919 FAX: (541) 924-4202 EMAIL: Roaddep@odot.or.gov</p>
--	--	---	--	--	--	---





0202-111-02 ufp-0060

RD960

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable OGVW applicable Standards.
2. See project plans for details not shown. See Std. Drawg. RD700 & RD701 for curbs. See Std. Drawg. RD700 & RD701 for sidewalks. See Std. Drawg. RD722 for transition panel details. See Std. Drawg. RD902 through RD908 for detectable warning surface installation details. See Std. Drawg. RD920 for parallel curb ramp details.
3. Site conditions may require a project special design. See project plans for details not shown.
4. Trenched driveway joints are required at all curb ramp grade break lines, (see Std. Drawg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero incline).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.
7. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp location to assure that flow depth should does not overlap the back of sidewalk.
8. When a shared use path intersects, the curb ramp shall be the full width of the path, the turning space Y-dimension should be minimum 8' wide to enable bicycles to ride from ramp to sidewalk.
9. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp runs. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be 1:1.
10. On or along state highways, curb and gutter is required at curb ramps.
11. Unique curb ramp options can be used for curved or tangent roadway sections. Superseparated crossings require a specific detail.

LEGEND:

- Sidewalk
- Transition panel
- Detectable warning surface
- Level area (Turning space/landing) Unobstructed 4.5' x 4.5' With clearance on 4.5' x 5.5' danger dimension in direction of pedestrian street crossing. For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular to two directions is considered level.
- Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Ramp slope 2.5% max. (Max. 3.0% finished surface slope)
- Counter slope 0.8% max. ascending or descending, (Max. 5.0% finished surface slope) Slope as required for drainage
- New construction sidewalk width. See contract plans for dimension

CURB NUMBER	MAA	ISSUE DATE	20-JULY-2020
-------------	-----	------------	--------------

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

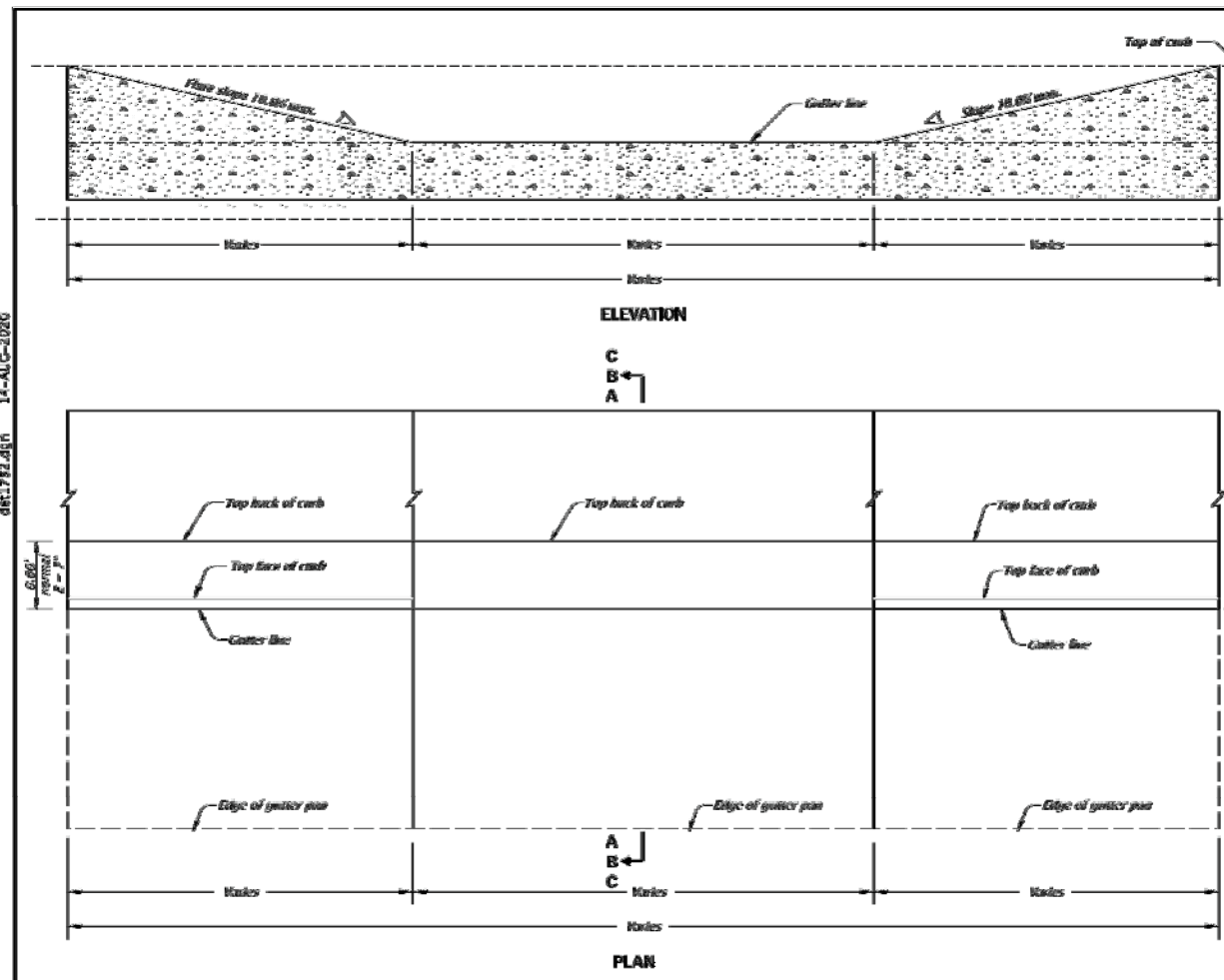
UNIQUE CURB RAMP

2021

DATE	DESCRIPTION
07-2020	ISSUE

Effective Date: December 1, 2020 – May 31, 2021

RD960



0202-111-01 ufp-2212ap

DET1752

SECTION A-A
CURB RUNNING SLOPE ≤ 2.0%
For use with raised, or superseparated crossings.

SECTION B-B
CURB RUNNING SLOPE = 4.0%
For parallel, depressed curbs, and combination perpendicular/parallel transition curbs.

SECTION C-C
CURB RUNNING SLOPE ≥ 5.0%
Absolute curb cross slope.
Ramp run slope must equal curb running slope.

LEGEND:

- Slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
- Counter slope 0.8% max. ascending or descending, slope as required for drainage
- Flare slope (Max. 10.0% finished surface slope)

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

DATE	DESCRIPTION
07-2020	ISSUE

OREGON DEPARTMENT OF TRANSPORTATION

TECHNICAL SERVICES

CURB RAMP CURB AND GUTTER

DET1752

GENERAL NOTES FOR ALL DETAILS:

1. Curb exposure "C" - 6" to 9". May as shown on project plans, as directed.
2. See slope, see RD900, and project plans, for curb details.
3. Refer to notes in adjacent sheets, if present.
4. For profile and cross slope, see project plans.

ROAD NO: CR0006	DATE: 10/16/2020	DATE:	REVISION:	BY:
PROJECT NO: CR1702	TRF: 109S R03E SEC30 W.M.			
DESIGNED BY: dim	CHECKED BY: del			
DRAFTED BY: dim	REVIEWED BY: cik			

ROADMASTER
WAYNE E. MINK, P.E.
COUNTY ENGINEER
CHARLES R. KNOLL, P.E.

COUNTY COMMISSION
ROGER NYQUIST
CHAIRMAN
JOHN LINDESEY
WILLIAM TUCKER

3010 FERRY STREET SW
ALBANY, OREGON 97122
PHONE: (541) 967-2819
FAX: (541) 924-4202
EMAIL: RoadInfo@odot.or.us

LINN COUNTY
ROAD DEPARTMENT

MILL CITY DOWNTOWN
REVITALIZATION PROJECT
BROADWAY STREET
LINN COUNTY

ODOT STANDARD DETAILS
FOR CURB RAMPS

SCALE: no scale

SHEET 37