

LAYER NAME	LAYER DESCRIPTION	COLOR	LINE TYPE	Design Traffic Line Weight	Bridge Line Weight	Survey Line Weight
Aerial-airpt	Aerial airport layer	53	dashed	.01	.01	.01
Aerial-bldg	Aerial building layer	53	continuous	.01	.01	.01
Aerial-brdg	Aerial bridge layer	53	dashed	.01	.01	.01
Aerial-culv	Aerial culvert layer	53	dashed	.01	.01	.01
Aerial-drive	Aerial driveway	53	dashed	.01	.01	.01
Aerial-index	Aerial highlighted contour	153	continuous	.015	.015	.015
Aerial-index-text	Aerial highlighted contour text	53	Continuous	.01	.01	.01
Aerial-inter	Aerial regular interval contours	9	continuous	.01	.009	.01
Aerial-intst	Aerial highway/interstate	9	dashed	.01	.009	.01
Aerial-misc	Aerial misc. items (city name, control, divisions, grid, pools, power)	53	continuous	.01	.01	.01
Aerial-road	Aerial roadway layer including text	9	dashed	.01	.009	.01
Aerial-rr	Aerial railroad	9	dashed	.01	.009	.01
Aerial-spots	Aerial misc. survey elevations	53	continuous	.01	.01	.01
Aerial-trees	Aerial tree layer	83	continuous	.015	.015	.01
Aerial-wall	Aerial wall	53	continuous	.01	.01	.01
Aerial-water	Aerial water	153	continuous	.015	.015	.015
Border	border	160	continuous	.04	.04	.04
Brdg-dim	bridge dimension BRIDGE USE ONLY	2	Continuous	.02	.015	.02
Brdg-exist	existing structure BRIDGE USE ONLY	4	Dashed	.03	.010	.035
Brdg-hatch	hatch pattern BRIDGE USE ONLY	9	Continuous	.01	.009	.01
Brdg-prop	proposed strucure BRIDGE USE ONLY	7	Continuous	.015	.020	.015
brdg-pstru	proposed bridge site plan	2	continuous	.02	.015	.02
brdg-pwall	proposed retaining wall	2	continuous	.02	.015	.02

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	site plan					
Brdg-rebar	reinforcing steel BRIDGE USE ONLY	3	Continuous	.01	.015	.02
Brdg-text	Text BRIDGE USE ONLY	7	Continuous	.015	.020	.015
brdg-xstru	existing bridge site plan	53	dashed	.01	.01	.01
brdg-xwall	existing retaining wall site plan	53	dashed	.01	.01	.01
cl-const	Centerline of construction	1	Center	.008	.01	.01
Clp-drive	Proposed drive centerline	1	Center	.008	.01	.01
Clp-pav	Proposed centerline of pavement	1	Center	.008	.01	.01
Clp-rw	Proposed centerline of right-of-way	1	Center	.008	.01	.01
cl-surv	Centerline of survey	1	Center	.008	.01	.01
clx-drive	existing drive centerline	1	center	.008	.01	.01
clx-pav	existing centerline of pavement	1	center	.008	.01	.01
clx-rw	existing centerline of right-of-way	1	center	.008	.01	.01
const-limit	construction limit	7	dashed	.015	.02	.015
esmnt-chanl	Channel easement line	6	Special	.03	.035	.035
esmnt-chtxt	channel easement line text	7	continuous	.015	.02	.015
esmnt-perp	Perpetual easement line	6	Special	.03	.035	.035
esmnt-perptxt	perpetual easement line text	7	continuous	.015	.02	.015
esmnt-sewer	Sewer easement line	6	Special	.03	.035	.035
esmnt-sewtxt	sewer easement line text	7	continuous	.015	.02	.015
esmnt-temp	Temporary easement line	6	Special	.03	.035	.035
esmnt-tmptxt	temporary easement line text	7	Continuous	.015	.02	.015
flag	project and work flags	6	continuous	.03	.035	.035
flow-limit	flow line	1	continuous	.008	.01	.01
hatch	base repair, butt joint, extra area limits,	1	continuous	.008	.01	.01

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	pavement grinding, island repair, rigid pavement replacement limits, pavement resurfacing limit					
lead	any leader lines	1	continuous	.008	.01	.01
match	match line	5	special	.04	.04	.04
mot-drums	maintenance of traffic drums and cones etc.	2	continuous	.02	.015	.02
mot-pvmk	maintenance of traffic construction pavement marking	2	continuous	.02	.015	.02
mot-sgnl	maintenance of traffic temporary signal	2	continuous	.02	.015	.02
mot-sign	maintenance of traffic construction signs	2	continuous	.02	.015	.02
mot-text	maintenance of traffic text	7	continuous	.015	.02	.015
mot-zone	maintenance of traffic construction zone hatching	8	continuous	.02 30%		.02 30%
pblon	pay item description balloon	2	continuous	.02	.015	.02
p-ctrl	Proposed control points (monument boxes, pins etc.)	7	Continuous	.015	.02	.015
pcont	proposed contours (not index contour)	53	coninuuous	.01	.01	.01
pcont-text	proposed contour (not index) text	7	continuous	.015	.02	.015
pcreek	proposed creek or stream	53	continuous	.01	.01	.01
pcurb	proposed curb	2	continuous	.02	.015	.02
pditch	proposed ditch	53	continuous	.01	.01	.01
pdrv	proposed driveway	2	continuous	.02	.015	.02
pfnce	proposed fence	53	special	.01	.01	.01
pgr	proposed guardrail	4	continuous	.03	.01	.035
picont	proposed index contour	83	continuous	.015	.015	.01
picont-text	proposed index contour text	7	continuous	.015	.02	.015
pjnts	proposed pavement joints	2	continuous	.02	.015	.02
pl	Property line	7	coninuuous	.015	.02	.015
pmed	proposed median	2	continuous	.02	.015	.02
pntdesc	Survcaffd layer name for point descriptions	3	continuous	.01	.015	.02

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pntelev	Survcaff layer name for point elevation	5	continuous	.04	.04	.04
pntmark	Survcaff layer name for point mark (node)	1	continuous	.008	.01	.01
pntno	Survcaff layer name for point number	7	continuous	.015	.02	.015
pnts	survcadd layer name for points	7	continuous	.015	.02	.015
pramp	proposed curb ramp	2	continuous	.02	.015	.02
prof-grid-text	profile grid text	7	continuous	.015	.02	.015
prof-hgrid	profile horizontal grid lines (non-high-lighted)	253	continuous	.007 35%	.007 35%	.007 35%
prof-hgrid-hilite	high-lighted profile horizontal grid lines	2	continuous	.02	.015	.02
prof-pcl-ditch	profile proposed ditch centerline	1	center	.008	.01	.01
prof-pcl-road	profile proposed road center line	1	center	.008	.01	.01
prof-pcl-stm	profile proposed storm sewer	5	continuous	.04	.04	.04
prof-pcl-ud	profile proposed underdrain	1	continuous	.008	.01	.01
prof-pcl-util	profile proposed utilities	2	continuous	.02	.015	.02
prof-pelev	proposed profile elevations	7	continuous	.015	.02	.015
prof-text	profile text (not curves)	7	Continuous	.015	.02	.015
prof-text-curve	profile curve text	7	Continuous	.015	.02	.015
prof-vgrid	profile vertical grid lines (non-high-lighted)	253	continuous	.007 35%	.007 35%	.007 35%
prof-vgrid-hilite	high-lighted profile vertical grid lines	8	continuous	.02 30%	.02 30%	.02 30%
prof-xcl-ditch	profile existing ditch centerline	13	center	.008	.008	.008
prof-xcl-road	profile existing road center line	1	center	.008	.01	.01
prof-xcl-stm	profile existing storm sewer	83	dashed	.015	.015	.01
prof-xcl-ud	profile existing underdrain	83	dashed	.015	.015	.01
prof-xcl-util	profile existing utilities	83	dashed	.015	.015	.01

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Prof-xelev	existing profile elevations	53	continuous	.01	.01	.01
Pshdr	proposed shoulder	3	continuous	.01	.015	.02
Psta-mark	proposed station mark	1	continuous	.008	.01	.01
Psta-text	proposed station text	7	continuous	.015	.02	.015
Psw	proposed sidewalk	2	continuous	.02	.015	.02
Pud	proposed underdrain	1	continuous	.008	.01	.01
rr-limit	railroad limit	7	dashed	.015	.02	.015
rwp	Proposed right-of-way line	4	continuous	.03	.01	.035
rwx	existing right-of-way line	133	continuous	.02	.02	.02
Taxmap	all items from tax map	7	continuous	-	-	-
Text	text	7	continuous	.015	.02	.015
text-dim	Text for dimension lines	7	continuous	.015	.02	.015
text-owner	text for ownership information	3	continuous	.01	.015	.02
traf-ppost	proposed post	83	continuous	.015	.015	.01
traf-ppvmmk	proposed pavement marking	53	continuous	.01	.01	.01
traf-ppvmmk-cline	proposed pavement marking center line	53	continuous	.01	.01	.01
traf-ppvmmk-lline	proposed pavement marking lane line	53	lane line	.01	.01	.01
traf-ppvmmk-text	text for proposed pavement marking	7	continuous	.015	.02	.015
traf-psgnl	proposed signal	83	continuous	.015	.015	.01
traf-psgnl-fnd	proposed signal foundation	133	continuous	.02	.02	.02
traf-psgnl-pole	proposed signal poles	83	continuous	.015	.015	.01
traf-psgnl-text	text for proposed signals	7	continuous	.015	.02	.015
traf-psgnl-ug	proposed underground signals (incl. Conduit, pull box)	133	continuous	.02	.02	.02
traf-psign	proposed sign	83	continuous	.015	.015	.01
traf-psign-text	text for proposed signs	7	continuous	.015	.02	.015
traf-xpost	existing post	213	hidden	.015 40%	.015 40%	.01
traf-	existing pavement	213	continuous	.015 40%	.015	.01

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xpvmk	marking				40%	
traf-xsgnl	existing signal	213	hidden	.015 40%	.015 40%	.01
traf-xsign	existing sign	213	hidden	.015 40%	.015 40%	.01
traf-xsign-text	text for existing signs	53	continuous	.01	.01	.01
trans	transit facilities (bus shelters etc.)	2	continuous	.02	.015	.02
<i>u-pcatv</i>	<i>Proposed cable television</i>	2	continuous	.02	.015	.02
<i>u-pelec</i>	<i>proposed electric line</i>	2	continuous	.02	.015	.02
<i>u-pelec-txt</i>	<i>proposed electric text</i>	7	Continuous	.015	.02	.015
<i>u-pgas</i>	<i>proposed gas line</i>	2	continuous	.02	.015	.02
<i>u-pgas-txt</i>	<i>proposed gas text</i>	7	continuous	.015	.02	.015
<i>u-poil</i>	<i>proposed oil company</i>	2	continuous	.02	.015	.02
<i>u-psan</i>	<i>proposed sanitary</i>	2	continuous	.02	.015	.02
<i>u-psan-txt</i>	<i>proposed sanitary text</i>	7	continuous	.015	.02	.015
<i>u-pstm</i>	<i>proposed storm sewer</i>	2	continuous	.02	.015	.02
<i>u-pstm-txt</i>	<i>proposed storm sewer text</i>	7	continuous	.015	.02	.015
<i>u-ptel</i>	<i>proposed telephone</i>	2	continuous	.02	.015	.02
<i>u-ptel-txt</i>	<i>proposed telephone text</i>	7	continuous	.015	.02	.015
<i>u-pwtr</i>	<i>proposed water</i>	2	continuous	.02	.015	.02
<i>u-pwtr-txt</i>	<i>proposed water text</i>	7	continuous	.015	.02	.015
<i>u-xcatv</i>	<i>existing cable television</i>	83	continuous	.015	.015	.01
<i>u-xelec</i>	<i>existing electric</i>	83	hidden	.015	.015	.01
<i>u-xelec-txt</i>	<i>existing electric text</i>	53	continuous	.01	.01	.01
<i>u-xgas</i>	<i>existing gas</i>	83	hidden	.015	.015	.01
<i>u-xgas-txt</i>	<i>existing gas text</i>	53	continuous	.01	.01	.01
<i>u-xoil</i>	<i>existing oil company</i>	83	hidden	.015	.015	.01
<i>u-xsan</i>	<i>existing sanitary sewer</i>	83	hidden	.015	.015	.01
<i>u-xsan-txt</i>	<i>existing sanitary sewer text</i>	53	continuous	.01	.01	.01
<i>u-xstm</i>	<i>existing storm sewer</i>	83	Hidden	.015	.015	.01
<i>u-xstm-txt</i>	<i>existing storm sewer text</i>	53	continuous	.01	.01	.01
<i>u-xtel</i>	<i>existing telephone</i>	83	hidden	.015	.015	.01
<i>u-xtel-txt</i>	<i>existing telephone text</i>	53	continuous	.01	.01	.01
<i>u-xwtr</i>	<i>existing water</i>	83	hidden	.015	.015	.01
<i>u-xwtr-txt</i>	<i>existing water text</i>	53	continuous	.01	.01	.01
Veg	trees, bushes, shrubs and etc.	83	continuous	.015	.015	.01

LAYER NAME	LAYER DESCRIPTION	COLOR	LINE TYPE	Design Traffic Line Weight	Bridge Line Weight	Survey Line Weight
veg-text	text for trees, bushes, shrubs and etc.	7	continuous	.015	.02	.015
Xblon	existing balloons	53	hidden	.01	.01	.01
x-ctrl	existing control points (monument boxes, pins etc.)	3	continuous	.01	.015	.02
Xcont	existing contours (not index contour)	13	continuous	.008		.008
Xcont-index	existing index contours	83	continuous	.015	.015	.01
xcont-itext	existing index contour text	53	continuous	.01	.01	.01
xcont-text	existing contour (not index) text	53	continuous	.01	.01	.01
xcreek	existing creek or stream	3	dashed	.01	.015	.02
xcurb	existing curb	53	dashed	.01	.01	.01
xditch	existing ditch	3	dashed	.01	.015	.02
xdrv	existing driveway	53	dashed	.01	.01	.01
xedge	existing edge of pavement	53	dashed	.01	.01	.01
xfnce	existing fence	53	special	.01	.01	.01
xgr	existing guardrail	53	continuous	.01	.01	.01
xjnrs	existing pavement joints	83	dashed	.015	.015	.01
xmed	existing median	53	dashed	.01	.01	.01
xmisc	existing misc. items (mailbox, paperbox)	53	dashed	.01	.01	.01
xramp	existing curb ramp	3	dashed	.01	.015	.02
xshdr	existing shoulder	3	dashed	.01	.015	.02
xsta-mark	existing station mark	1	continuous	.008	.01	.01
xsta-text	existing station text	7	continuous	.015	.02	.015
xsw	existing sidewalk	53	dashed	.01	.01	.01
xud	existing underdrain	3	dashed	.01	.015	.02