Bridge		
Line Style Name	Line Style Picture	Description
bcenterline		Bridge Centerline
bconstruction		Bridge Construction
bexisting		Bridge Ex.
bhiddenpr		Bridge Hidden Line Pr.
brebarex		Bridge Reinforcement Ex.
brebarpr		Bridge Reinforcement Pr.
	Digital Terrain Modeling	
slopebreakex	⊳	Slope Break Line Ex.
slopebreakpr		Slope Break Line Pr.
	Divisions	
corp		Corporation Line
county		County Line
se†backex		Building Setback Line Ex.
state		State Line

Drainage		
Line Style Name	Line Style Picture	Description
culver†##		Drainage Culver†
fenceex	×	Filter Fabric Fence
stream		Ditch Line
stormline		Storm Sewer Line Pr.
stormlineex		Storm Sewer Line Ex.
trenchex		Trench Drain Ex.
trenchpr		Trench Drain Pr.
underdrainex		Underdrain Ex.
underdrainpr		Underdrain Pr.
	Geometry	
c #[#][#][#]		Centerline or Baseline of Construction
Environmental		
stream		Wetland Boundaries

Geotechnical		
Line Style Name	Line Style Picture	Description
highwall	XXXXX	Surface Mine Highwall Ex.
minesub †	S S S S S	Mine Subsidence Line Left Ex.
minesubr†		Mine Subsidence Line Right Ex.
rockoutcrop		Rock Outcrop Line Ex.
seamno1		Coal Outcrop Line and Seam No. 1 Ex.
seamno2	<u>_2</u>	Coal Outcrop Line and Seam No. 2 Ex.
seamno3	<u>_3</u>	Coal Outcrop Line and Seam No. 3 Ex.
seamno3A	<u>J</u>	Coal Outcrop Line and Seam No. 3A Ex.
seamno3B	<u></u> 3B	Coal Outcrop Line and Seam No. 3B Ex.
seamno4	<u></u>	Coal Outcrop Line and Seam No. 4 Ex.
seamno4A	44	Coal Outcrop Line and Seam No. 4A Ex.
seamno5		Coal Outcrop Line and Seam No. 5 Ex.
seamno6		Coal Outcrop Line and Seam No. 6 Ex.
seamno7		Coal Outcrop Line and Seam No. 7 Ex.

Geotechnical		
Line Style Name	Line Style Picture	Description
seamno7A		Coal Outcrop Line and Seam No. 7A Ex.
seamno8		Coal Outcrop Line and Seam No. 8 Ex.
seamno8A	<u></u>	Coal Outcrop Line and Seam No. 8A Ex.
seamno9	<u></u>	Coal Outcrop Line and Seam No. 9 Ex.
seamno10	<u></u>	Coal Outcrop Line and Seam No. 10 Ex.
seamno11		Coal Outcrop Line and Seam No. 11 Ex.
seamno11A		Coal Outcrop Line and Seam No. 11A Ex.
seamno12	<u></u>	Coal Outcrop Line and Seam No. 12 Ex.
	Hydraulics	
stream		Spring Line, Bogs, Lake, Pond, River, Stream Edge Line or Swamp/Wetland Area Outline

Lighting		
Line Style Name	Line Style Picture	Description
cond2	//	Lighting Circuit 2-Conductor Pr.
cond3	///	Lighting Circuit 3-Conductor Pr.
conduitex		Lighting Conduit Ex.
condui†pr		Lighting Conduit Pr.
	Maintenance of Traffic	
bargrpr		Maintenance of Traffic Barrier Design Guardrail
C #[#][#][#]		Maintenance of Traffic Centerline
dotted		Maintenance of Traffic Dotted Line 2 ft Dash and 6 ft Gap
dotted3		Maintenance of Traffic Dotted Line 3 ft Dash and 9 ft Gap
dsolidel		Maintenance of Traffic Double Solid Centerline
grl†pr		Maintenance of Traffic Guardrail Left
grr†pr	• • • • • • • • • •	Maintenance of Traffic Guardrail Right
lane		Maintenance of Traffic Centerline, Dashed or Lane Line
mo†drum##[#]		Maintenance of Traffic Drums

Maintenance of Traffic		
Line Style Name	Line Style Picture	Description
mo†class2		Maintenance of Traffic Class 2 Centerline, Dashed or Lane Line
mo†pcb		Maintenance of Traffic Portable Concrete Barrier
ppleft		Maintenance of Traffic Centerline, Passing Prohibited Left
ppright		Maintenance of Traffic Centerline, Passing Prohibited Right
	Miscellaneous	
breakline		Break Line
drainage01		Dashed Line style used for drainage cells
ground		Ground Line
leaderline	4	Leader Line
major		Major Grid Line
minor		Minor Grid Line
tflow100ex tflow500ex		Traffic Flow Line Ex. for 100 or 500 Scale
tflow100pr tflow500pr		Traffic Flow Line Pr. for 100 or 500 Scale

Pavement Markings		
Line Style Name	Line Style Picture	Description
dotted		Dotted Line 2 ft Dash & 6 ft Gap
dotted3		Dotted Line 3 ft Dash & 9 ft Gap
dsolidcl		Centerline, Double Solid
lane		Centerline, Dashed or Lane Line
ppleft		Centerline, Passing Prohibited Left
ppright		Centerline, Passing Prohibited Right
yieldex	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Yield Markings Ex.
yieldpr	* * * * * * * * * * * * * * * * * * * *	Yield Markings Pr.
	Pavement	
rumblestrip		Shoulder Rumble Strip

Right of Way		
Line Style Name	Line Style Picture	Description
c #[#][#][#]		ROW Centerline
constlimit	• • • • •	Construction Limits Pr.
esm†aex	——————————————————————————————————————	Aerial Easement Ex.
esm†apr	A	Aerial Easement Pr.
esmtchex	——————————————————————————————————————	Channel Easemen† Ex.
esm†chpr	CH	Channel Easemen† Pr.
esm†esex	——————————————————————————————————————	Enhancemen† Scenic Easemen† Ex.
esmtflex	——————————————————————————————————————	Flowage Easemen† Ex.
esmtflpr		Flowage Easement Pr.
esm†genex		General Easemen† Ex.
esm†laex	——————————————————————————————————————	Limited Access Easement Ex.
esm†lapr	<i>LA</i>	Limited Access Easement Pr.
esm†mppr		Temporary Easement Pr.
esm†pbex	——————————————————————————————————————	Protective Water Course Easement Ex.

Right of Way		
Line Style Name	Line Style Picture	Description
esm†psex	——————————————————————————————————————	Protective Scenic Easement Ex.
esm†rrex	——————————————————————————————————————	Railroad Easement Ex.
esm†rrpr		Railroad Easement Pr.
esm†rsex	——————————————————————————————————————	Removal Scenic Easemen† Ex.
esm†scex	——————————————————————————————————————	Scenic Easemen† Ex.
esm†scpr	SC	Scenic Easement Pr.
esm†shex	——————————————————————————————————————	Standard Highway Easement Pr.
esm†shpr		Standard Highway Easement Pr.
esm†slex	——————————————————————————————————————	Slope Easemen† Ex.
esmtslpr		Slope Easement Pr.
esm†swex	——————————————————————————————————————	Sewer Easement Ex.
esm†swpr		Sewer Easement Pr.
esmtuex	——————————————————————————————————————	Utility Easement Ex.
esm†upr	<i>U</i>	Utility Easement Pr.

Right of Way		
Line Style Name	Line Style Picture	Description
rowex	——————————————————————————————————————	Right of Way Fee Ex.
rowpr		Right of Way Fee Pr.
rowlaex		Right of Way Fee with Limitation of Access Ex.
rowlapr	LA-R/W	Right of Way Fee with Limitation of Access Pr.
roworkagreepr		Work Agreement Limits Ex.
rowpe	PE-R/W-	Preliminary Engineering Right of Way Line Pr.
	Roadway	
bargrex		Guardrail Barrier Design Ex.
bargrpr		Guardrail Barrier Design Pr.
bargrex/pr		Guardrail Barrier Design Replaced
fenceex	XX	Fence Line Ex.
fencepr	××	Fence Line Pr.
gateex	0	Gate Ex.
gatepr	•	Gate Pr.

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Roadway		
Line Style Name	Line Style Picture	Description
grcableex		Cable Guardrail Ex.
grcablepr	· · · · ·	Cable Guardrail Pr.
grltex		Guardrail Left Ex.
grl†pr		Guardrail Left Pr.
grltex/pr		Guardrail Left Replaced
grrtex	<u> </u>	Guardrail Right Ex.
grr†pr	• • • • • • • • • •	Guardrail Right Pr.
grr†ex/pr		Guardrail Right Replaced
noisewallex	$\models = \mp = \mp = \mp$	Noise Wall Ex.
noisewallpr		Noise Wall Pr.
rr		Railroad Line, 1:1 to 1:50 Scale
rr2		Railroad Line, 1:100 & Over Scale
sscbB		Median Concrete Barrier Single Slope Type B Pr.
sscbB1		Median Concrete Barrier Single Slope Type B1 Pr.

Roadway		
Line Style Name	Line Style Picture	Description
sscbDlt		Median Concrete Barrier Single Slope Type D Left Pr.
sscbDr†		Median Concrete Barrier Single Slope Type D Right Pr.
sscbD1 †		Median Concrete Barrier Single Slope Type D1 Left Pr.
sscbD1r†		Median Concrete Barrier Single Slope Type D1 Right Pr.
	Signals	
interconnectex	TR	Signal/Traffic Interconnect Cable Ex.
interconnectpr	<i>TR</i>	Signal/Traffic Interconnect Cable Pr.
	Survey	
c #[#][#][#]		Centerline of Survey
	Utilities	
cabletvex	— — — CTV — — — — — — — — — — — — — — — — — — —	Cable TV Line Ex.
combsans†ormex	CS	Combination Sanitary and Storm Sewer Line Ex.
elec	E	Electric Line Pr.
elecex	— — — E— — — — — — — —	Electric Line Ex.
	1	

Utilities		
Line Style Name	Line Style Picture	Description
foctvex	— — — — FOctv— — — — — — —	Fiber Optic Cable TV Line Ex.
foex	— — — — FO— — — — — — — — —	Generic Fiber Optic Line Ex.
fopr	FO	Generic Fiber Optic Line Pr.
foteleex	— — — — FOt— — — — — — — —	Fiber Optic Telecommunications Line Ex.
gas	G	Gas Line Pr.
gasex	— — — G— — — — — — — — — — — — — — — —	Gas Line Ex.
oilex	0	Oil Line Ex.
ohcombex	— — — — — — — — — — — — — — — — — — —	Overhead Combined Utility Lines.
ohctvex	— — — — OH-CTV — — — — — — — — —	Overhead Cable TV Line Ex.
ohelecex	— — — OH-E— — — — — — — — — — — — — — — — — — —	Overhead Electric Line
ohfoex	— — — — OH-FO — — — — — — — — — — — — — — — — — — —	Overhead Fiber Optic Line
ohfoctvex	— — — — OH-FOctv — — — — — — — —	Overhead Fiber Optic Cable TV Line
ohfoteleex	— — — — OH-FO† — — — — — — — — —	Overhead Fiber Optic Tele- communications Line
ohteleex	— — — — — — — — — — — — — — — — — — —	Overhead Telecommunication Line

Utilities		
Line Style Name	Line Style Picture	Description
san	SAN	Sanitary Sewer Line and Sanitary Pressure Line Pr.
sanex	— — — — SAN — — — — — — — — — — — — — — — — — — —	Sanitary Sewer Line Ex.
stream		Leach Bed Area
tele	<i>T</i>	Telecommunications Line Pr.
teleex	T	Telecommunications Line Ex.
water		Water Line Pr.
waterex		Water Line Ex.
	Vegetation	
shrub †		Shrub Line Clockwise
shrubr†	Ludulululululul	Shrub Line Counterclockwise
treelt		Tree Line Clockwise
treert		Tree Line Counterclockwise