

GENERAL INFORMATION

SYMBOLY LEGEND NOTE

THE SYMBOLY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLY. THE SYMBOLY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

PROJECT SPECIFIC LEGEND

| CODE | DESCRIPTION |
|----------|--|
| | UNDERDRAIN WITH DIRECTION OF FLOW |
| • F. B. | FLUSHING BASIN |
| | STONE FILL (REFER TO ROADWAY LAYOUT SHEETS FOR TYPE) |
| ▷ DEL IN | DELINEATOR |
| | PROPOSED MAST ARM |
| | EXISTING MAST ARM |
| | DECIDUOUS TREE |
| | CONIFEROUS TREE |
| | BARRIER FENCE FOR TREE PROTECTION |
| | EXISTING TREE |
| | TREE PROTECTION ZONE (TPZ) |
| | WHEELCHAIR RAMP |
| | PRECAST CONCRETE CATCH BASIN |
| (REC) | INFORMATION OF RECORD |
| (TYP) | TYPICAL |
| (MIN) | MINIMUM |
| RTE | ROUTE |
| | FLOW ARROW |
| (ABAND) | ABANDON |
| | LED LUMINAIRE |
| | CONSTRUCTION BASELINE |

R. O. W. ABBREVIATIONS (CODES) & SYMBOLS

| POINT | CODE | DESCRIPTION |
|-------|------------|--------------------------------|
| | CH | CHANNEL EASEMENT |
| | CONST | CONSTRUCTION EASEMENT |
| | CUL | CULVERT EASEMENT |
| | D&C | DISCONNECT & CONNECT |
| | DIT | DITCH EASEMENT |
| | DR | DRAINAGE EASEMENT |
| | DRIVE | DRIVEWAY EASEMENT |
| | EC | EROSION CONTROL |
| | I&M | INSTALL & MAINTAIN EASEMENT |
| | LAND | LANDSCAPE EASEMENT |
| | SR | SLOPE RIGHT |
| | UE | UTILITY EASEMENT |
| | (P) | PERMANENT EASEMENT |
| | (T) | TEMPORARY EASEMENT |
| | ■ | BNDNS BOUND SET |
| | □ | BNDNS BOUND TO BE SET |
| | ● | IPNS IRON PIN SET |
| | ⊙ | IPNS IRON PIN TO BE SET |
| | ⊗ | CALC CALCULATED ROW POINT |
| | [DISTANCE] | DISTANCE CARRIED ON NEXT SHEET |

COMMON TOPOGRAPHIC POINT SYMBOLS

| POINT | CODE | DESCRIPTION |
|-------|--------|---------------------------|
| ⊗ | APL | BOUND APPARENT LOCATION |
| □ | BM | BENCH MARK |
| □ | BND | BOUND |
| ⊞ | CB | CATCH BASIN |
| ⊕ | COMB | COMBINATION POLE |
| ⊞ | DITHR | DROP INLET THROATED DNC |
| ⊕ | EL | ELECTRIC POWER POLE |
| ⊙ | FPOLE | FLAGPOLE |
| ⊙ | GASFIL | GAS FILLER |
| ⊙ | GP | GUIDE POST |
| ⊗ | GSO | GAS SHUT OFF |
| ⊙ | GUY | GUY POLE |
| ⊙ | GUYW | GUY WIRE |
| ⊗ | GV | GATE VALUE |
| ⊗ | H | TREE HARDWOOD |
| △ | HCTRL | CONTROL HORIZONTAL |
| △ | HVCTRL | CONTROL HORIZ. & VERTICAL |
| ◇ | HYD | HYDRANT |
| ⊙ | IP | IRON PIN |
| ⊙ | IPIPE | IRON PIPE |
| ⊕ | LI | LIGHT - STREET OR YARD |
| ⊙ | MB | MAILBOX |
| ⊙ | MH | MANHOLE (MH) |
| □ | MM | MILE MARKER |
| ⊙ | PM | PARKING METER |
| ⊙ | PMK | PROJECT MARKER |
| ⊙ | POST | POST STONE/WOOD |
| ⊕ | RRSIG | RAILROAD SIGNAL |
| ⊕ | RRSL | RAILROAD SWITCH LEVER |
| ⊕ | S | TREE SOFTWOOD |
| ⊕ | SAT | SATELLITE DISH |
| ⊕ | SHRUB | SHRUB |
| ⊕ | SIGN | SIGN |
| ⊕ | STUMP | STUMP |
| ⊕ | TEL | TELEPHONE POLE |
| ⊕ | TIE | TIE |
| ⊕ | TSIGN | SIGN W/DOUBLE POST |
| ⊕ | VCTRL | CONTROL VERTICAL |
| ⊕ | WELL | WELL |
| ⊗ | WSO | WATER SHUT OFF |

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

| CODE | DESCRIPTION |
|------|-------------------------|
| PC | POINT OF CURVATURE |
| PI | POINT OF INTERSECTION |
| CC | CENTER OF CURVE |
| PT | POINT OF TANGENCY |
| PCC | POINT OF COMPOUND CURVE |
| PRC | POINT OF REVERSE CURVE |
| POB | POINT OF BEGINNING |
| POE | POINT OF ENDING |
| STA | STATION PREFIX |
| AH | AHEAD STATION SUFFIX |
| BK | BACK STATION SUFFIX |
| D | CURVE DEGREE OF (100FT) |
| R | CURVE RADIUS OF |
| T | CURVE TANGENT LENGTH |
| L | CURVE LENGTH OF |
| E | CURVE EXTERNAL DISTANCE |

UTILITY SYMBOLY

| UNDERGROUND UTILITIES | |
|-----------------------|-------------------------|
| — UT — | TELEPHONE |
| — UE — | ELECTRIC |
| — UC — | CABLE (TV) |
| — UEC — | ELECTRIC+CABLE |
| — UET — | ELECTRIC+TELEPHONE |
| — UCT — | CABLE+TELEPHONE |
| — UECT — | ELECTRIC+CABLE+TELEP. |
| — G — | GAS LINE |
| — W — | WATER LINE |
| — S — | SANITARY SEWER (SEPTIC) |

ABOVE GROUND UTILITIES (AERIAL)

| | |
|-------------|-----------------------|
| — T — | TELEPHONE |
| — E — | ELECTRIC |
| — C — | CABLE (TV) |
| — EC — | ELECTRIC+CABLE |
| — ET — | ELECTRIC+TELEPHONE |
| — AER E&T — | ELECTRIC+TELEPHONE |
| — CT — | CABLE+TELEPHONE |
| — ECT — | ELECTRIC+CABLE+TELEP. |
| — | UTILITY POLE GUY WIRE |

PROJECT CONSTRUCTION SYMBOLY

| PROJECT DESIGN & LAYOUT SYMBOLY | |
|---------------------------------|-----------------------|
| — CZ — | CLEAR ZONE |
| — | PLAN LAYOUT MATCHLINE |

PROJECT CONSTRUCTION FEATURES

| | |
|-------|----------------------------|
| △ | TOP OF CUT SLOPE |
| ⊕ | TOE OF FILL SLOPE |
| ⊗ | STONE FILL |
| --- | BOTTOM OF DITCH |
| --- | CULVERT PROPOSED |
| --- | STRUCTURE SUBSURFACE |
| PDF | PROJECT DEMARCATION FENCE |
| BF | BARRIER FENCE |
| ⊗ | TREE PROTECTION ZONE (TPZ) |
| /// | STRIPING LINE REMOVAL |
| ~~~~~ | SHEET PILES |

CONVENTIONAL BOUNDARY SYMBOLY

| BOUNDARY LINES | |
|-----------------|--|
| — TOWN LINE — | TOWN BOUNDARY LINE |
| — COUNTY LINE — | COUNTY BOUNDARY LINE |
| — STATE LINE — | STATE BOUNDARY LINE |
| --- | PROPOSED STATE R.O.W. (LIMITED ACCESS) |
| --- | PROPOSED STATE R.O.W. |
| --- | STATE ROW (LIMITED ACCESS) |
| --- | STATE ROW |
| --- | TOWN ROW |
| --- | PERMANENT EASEMENT LINE (P) |
| --- | TEMPORARY EASEMENT LINE (T) |
| + | SURVEY LINE |
| P/L | PROPERTY LINE (P/L) |
| SR | SLOPE RIGHTS |
| 6f | 6F PROPERTY BOUNDARY |
| 4f | 4F PROPERTY BOUNDARY |
| HAZ | HAZARDOUS WASTE |

EPSC LAYOUT PLAN SYMBOLY

| EPSC MEASURES | |
|---------------|---|
| ONNOONNOONNO | FILTER CURTAIN |
| — | SILT FENCE |
| — | SILT FENCE WOVEN WIRE |
| — | CHECK DAM |
| ■ | DISTURBED AREAS REQUIRING RE-VEGETATION |
| ⊗ | EROSION MATTING |

ENVIRONMENTAL RESOURCES

| | |
|-------------|---------------------------------|
| — | WETLAND BOUNDARY |
| --- | RIPARIAN BUFFER ZONE |
| --- | WETLAND BUFFER ZONE |
| --- | SOIL TYPE BOUNDARY |
| T&E | THREATENED & ENDANGERED SPECIES |
| HAZ | HAZARDOUS WASTE AREA |
| AG | AGRICULTURAL LAND |
| HABITAT | FISH & WILDLIFE HABITAT |
| FLOOD PLAIN | FLOOD PLAIN |
| OHW | ORDINARY HIGH WATER (OHW) |
| — | STORM WATER |
| --- | USDA FOREST SERVICE LANDS |
| --- | WILDLIFE HABITAT SUIT/CONN |

ARCHEOLOGICAL & HISTORIC

| | |
|-------------------|----------------------------|
| — ARCH — | ARCHEOLOGICAL BOUNDARY |
| — HISTORIC DIST — | HISTORIC DISTRICT BOUNDARY |
| — HISTORIC — | HISTORIC AREA |
| (H) | HISTORIC STRUCTURE |

CONVENTIONAL TOPOGRAPHIC SYMBOLY

| EXISTING FEATURES | |
|-------------------|--------------------|
| --- | ROAD EDGE PAVEMENT |
| --- | ROAD EDGE GRAVEL |
| --- | DRIVEWAY EDGE |
| --- | DITCH |
| --- | FOUNDATION |
| --- | FENCE (EXISTING) |
| --- | FENCE WOOD POST |
| --- | FENCE STEEL POST |
| --- | GARDEN |
| --- | ROAD GUARDRAIL |
| --- | RAILROAD TRACKS |
| --- | CULVERT (EXISTING) |
| --- | STONE WALL |
| --- | WALL |
| --- | WOOD LINE |
| --- | BRUSH LINE |
| --- | HEDGE |
| --- | BODY OF WATER EDGE |
| --- | LEDGE EXPOSED |

| | |
|-----------------------------|-----------------------------|
| PROJECT NAME: | RICHMOND |
| PROJECT NUMBER: | STP 0284 (17)/CMG PARK (31) |
| FILE NAME: | z97ci86lgnd.dgn |
| PROJECT LEADER: | ERIK ATKINS |
| DESIGNED BY: | T. BIGELOW |
| CONVENTIONAL SYMBOLY LEGEND | |
| PLOT DATE: | 4/29/2013 |
| DRAWN BY: | N. BOSAN |
| CHECKED BY: | E. ATKINS |
| SHEET | 3 OF 133 |