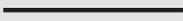
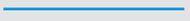
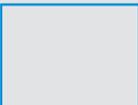
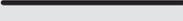
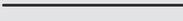


# NATIONAL SOIL AND WATER CONSERVATION ENGINEERING

NAME	SYMBOL	NAME	SYMBOL
Road Divided		Inclusion Tie	
Road Good Motor		Gully	
Road Poor Motor or Private		Rock Outcrop	
Road Proposed, Under Construction		Intermittent Streams	
Road Trail		Perennial Streams	
Railroad		Escarpment Bedrock	
Power-Transmission Line		Vegetative Waterway	
Buildings, Houses		Lake or Pond	
Farmstead		Wet Spot	
Farm, Ranch, or Other Operations Boundary		Spring	
Ownership Boundary		Swamp or Marsh (Large Areas)	
Field or Land-Use Boundary			

# NATIONAL SOIL AND WATER CONSERVATION ENGINEERING

NAME	SYMBOL	NAME	SYMBOL
Fence Existing		Permanent Sprinkler Lateral Existing	
Fence Planned		Permanent Sprinkler Lateral Planned	
Electric Fence Existing		Portable Sprinkler Lateral Existing	
Electric Fence Planned		Portable Sprinkler Lateral Planned	
Windbreak/Shelterbelt Establishment Existing		Flume or Siphon Existing	
Windbreak/Shelterbelt Establishment Planned		Flume or Siphon Planned	
Streambank and Shoreline Protection Existing		Canal Existing	
Streambank and Shoreline Protection Planned		Canal Planned	
Dike or Levee Without Road Existing		Irrigation Ditch Existing	
Dike or Levee Without Road Planned		Irrigation Ditch Planned	
Dike or Levee With Road Existing		Pickup Ditch Existing	
Dike or Levee With Road Planned		Pickup Ditch Planned	
Pipeline Water Existing		Diversion Existing	
Pipeline Water Planned		Diversion Planned	
		Drainage Ditch Existing (Open Drain)	
		Drainage Ditch Planned (Open Drain)	

# NATIONAL SOIL AND WATER CONSERVATION ENGINEERING

NAME	SYMBOL	NAME	SYMBOL
Closed or Tile Drain Existing		Dam and Reservoir Existing	
Closed or Tile Drain Planned		Dam and Reservoir Planned	
Terrace Existing		Small Reservoir, Stock Pond, Tank, or Charco Existing	
Terrace Planned		Small Reservoir, Stock Pond, Tank, or Charco Existing Planned	
Tide or Flood Gate Existing		Spring Development Existing	
Tide or Flood Gate Planned		Spring Development Planned	
Division Box or Turnout Existing		Spring and Trough Existing	
Division Box or Turnout Planned		Spring and Trough Planned	
Pipe Riser Existing		Trough Existing	
Pipe Riser Planned		Trough Planned	
Division Box or Spreader Dam Existing		Well Existing	
Division Box or Spreader Dam Planned		Well Planned	
Check Dam or Gully Plug Existing		Water Tank Existing	
Check Dam or Gully Plug Planned		Water Tank Planned	
Drop Structure Existing			
Drop Structure Planned			

# NATIONAL SOIL AND WATER CONSERVATION ENGINEERING

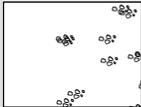
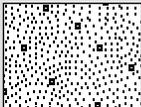
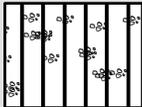
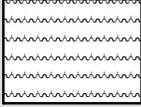
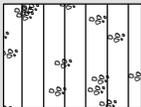
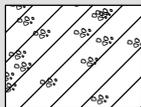
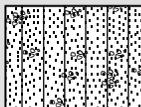
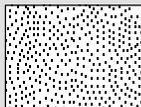
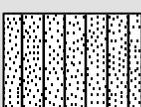
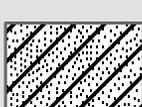
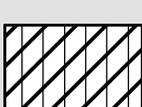
NAME	SYMBOL
Pump Existing	☒
Pump Planned	☐
Salt Ground Existing	■
Salt Ground Planned	□
Small Reservoir Existing	R
Small Reservoir Planned	R̄

## Unified Soil Classification System Symbols

Well graded gravels; gravel-sand mixtures	GW
Poorly graded gravels	GP
Silty gravels; gravel-sand-silt mixtures	GM
Clayey gravels; gravel-sand-clay mixtures	GC
Well graded sands; sand-gravel mixtures	SW
Poorly graded sands	SP
Silty sand	SM
Clayey sands; sand-clay mixtures	SC
Silts; silty, v. fine sands; sandy or clayey silts	ML
Clays of low to medium plasticity; silty, sandy or gravelly clays	CL
Inorganic clays of high plasticity; fat clays	CH
Elastic silts; micaceous or diatomaceous silts	MH
Organic silts and organic silty clays of low plasticity	OL
Organic clays of medium to high plasticity	OH

# NATIONAL SOIL AND WATER CONSERVATION ENGINEERING

## UNCONSOLIDATED MATERIALS

NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL
Gravel		Silt		Cobbles, boulders	
Gravel, sandy		Silt, gravelly		Peat	
Gravel, silty		Silt, sandy		Gypsiferous *	
Gravel, clayey		Silt, clayey		Calcareous *	
Gravel, sand, silt		Organic silt		* to be added to Standard Symbol when significant amounts of dispersed gypsum or calcified zones are present in the section.	
Sand		Clay			
Sand, gravelly		Clay, gravelly			
Sand, silty		Clay, sandy			
Sand, clayey		Clay, silty			
Sand, silt, clay		Organic clay			