

GEODEC LAYERING SCHEME

Category	Prefix	Description	Layer Name
Boundaries	BNDRY-	Annexation	BNDRY-ANNEX
Boundaries	BNDRY-	County	BNDRY-COUNTY
Boundaries	BNDRY-	Municipal	BNDRY-MUNIC
Boundaries	BNDRY-	¼ Section	BNDRY-QLINE
Boundaries	BNDRY-	¼ Section Numeration	BNDRY-QNUM
Boundaries	BNDRY-	Section	BNDRY-SECT
Boundaries	BNDRY-	State	BNDRY-STATE
Boundaries	BNDRY-	Townships	BNDRY-TOWN
Boundaries	BNDRY-	Annexation Text	BNDRY-TXT-ANNEX
Boundaries	BNDRY-	County Names	BNDRY-TXT-COUNTY
Boundaries	BNDRY-	Municipal Names	BNDRY-TXT-MUNIC
Boundaries	BNDRY-	Section Designation	BNDRY-TXT-SECT
Boundaries	BNDRY-	State Names	BNDRY-TXT-STATE
Boundaries	BNDRY-	Township Names and Designation	BNDRY-TXT-TOWN
Boundaries	BNDRY-	Urbanized Area	BNDRY-URBAN
Boundaries	BNDRY-		BNDRY-
Boundaries	BNDRY-		BNDRY-
Boundaries	BNDRY-		BNDRY-
Bus	BUS-	Dilworth Route	BUS-DIL
Bus	BUS-	Fargo Route 1	BUS-FGO-1
Bus	BUS-	Fargo Route 13	BUS-FGO-13
Bus	BUS-	Fargo Route 2	BUS-FGO-2
Bus	BUS-	Fargo Route 3	BUS-FGO-3
Bus	BUS-	Fargo Route 4	BUS-FGO-4
Bus	BUS-	Fargo Route 5	BUS-FGO-5
Bus	BUS-	Fargo Route 6	BUS-FGO-6
Bus	BUS-	Fargo Route 7	BUS-FGO-7
Bus	BUS-	Fargo Route 9	BUS-FGO-9
Bus	BUS-	Fargo West Acres Circulator	BUS-FGO-CIRC
Bus	BUS-	Fargo Evening Route	BUS-FGO-E

GEODEC LAYERING SCHEME

Category	Prefix	Description	Layer Name
Bus	BUS-	Fargo Sunday Route	BUS-FGO-S
Bus	BUS-	Moorhead Route 1	BUS-MHD-1
Bus	BUS-	Moorhead Route 2	BUS-MHD-2
Bus	BUS-	Moorhead Route 3	BUS-MHD-3
Bus	BUS-	Moorhead Route 4	BUS-MHD-4
Bus	BUS-	Moorhead Route 5	BUS-MHD-5
Bus	BUS-	Moorhead Route 6	BUS-MHD-6
Bus	BUS-	Moorhead Evening Route - North	BUS-MHD-N
Bus	BUS-	Moorhead Evening Route - South	BUS-MHD-S
Bus	BUS-	West Fargo Route	BUS-WF
Bus	BUS-		BUS-
Bus	BUS-		BUS-
Bus	BUS-		BUS-
Census	CENSUS-	Census Blocks	CENSUS-BLK
Census	CENSUS-	Census Block Numbers	CENSUS-BLK-TXT
Census	CENSUS-	Census Tracts	CENSUS-TRACT
Census	CENSUS-	Census Tract Numbers	CENSUS-TRACT-TXT
Census	CENSUS-		CENSUS-
Census	CENSUS-		CENSUS-
Census	CENSUS-		CENSUS-
Hydrology	HYDRO-	Creeks	HYDRO-CREEK
Hydrology	HYDRO-	Dams	HYDRO-DAM
Hydrology	HYDRO-	Drainage Ditches	HYDRO-DRAIN
Hydrology	HYDRO-	100 Year Flood Plains	HYDRO-FLOOD100
Hydrology	HYDRO-	500 Year Flood Plains	HYDRO-FLOOD500
Hydrology	HYDRO-	Lagoons	HYDRO-LAGOON
Hydrology	HYDRO-	Ponds	HYDRO-POND
Hydrology	HYDRO-	Rivers	HYDRO-RIVER
Hydrology	HYDRO-	Streams	HYDRO-STREAM

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Category	Prefix	Description	Layer Name
Hydrology	HYDRO-	Creek Text	HYDRO-TXT-CREEK
Hydrology	HYDRO-	Drainage Ditch Designation Text	HYDRO-TXT-DRAIN
Hydrology	HYDRO-	Flood Plain Text	HYDRO-TXT-FLOOD
Hydrology	HYDRO-	Lagoon Text	HYDRO-TXT-LAGOON
Hydrology	HYDRO-	Pond Text	HYDRO-TXT-POND
Hydrology	HYDRO-	River Text	HYDRO-TXT-RIVER
Hydrology	HYDRO-	Stream Text	HYDRO-TXT-STREAM
Hydrology	HYDRO-	Wetland Names	HYDRO-TXT-WETLND
Hydrology	HYDRO-	Wetlands	HYDRO-WETLND
Hydrology	HYDRO-		HYDRO-
Hydrology	HYDRO-		HYDRO-
Hydrology	HYDRO-		HYDRO-
Miscellaneous	MISC-	Cemeteries	MISC-CEM
Miscellaneous	MISC-	Cemetery Text	MISC-CEM-TXT
Miscellaneous	MISC-	Churches	MISC-CHURCH
Miscellaneous	MISC-	Public Landfills	MISC-LANDFL
Miscellaneous	MISC-	Public Landfill Names	MISC-LANDFL-TXT
Miscellaneous	MISC-	Parks	MISC-PARK
Miscellaneous	MISC-	Parks Names	MISC-PARK-TXT
Miscellaneous	MISC-	Points of Interest	MISC-POI
Miscellaneous	MISC-	Points of Interest Text	MISC-POI-TXT
Miscellaneous	MISC-		MISC-
Miscellaneous	MISC-		MISC-
Miscellaneous	MISC-		MISC-
Monumentation	MON-	Bench Marks	MON-BENCH
Monumentation	MON-	Ground Control Coordinates	MON-GCONTROL
Monumentation	MON-	Ground Control Text	MON-GCONTROL-TXT
Monumentation	MON-	State Plane Grid	MON-GRID
Monumentation	MON-	Horizontal Control Points	MON-HCONTROL
Monumentation	MON-	Map References	MON-MAP-REF

GEODEC LAYERING SCHEME

Category	Prefix	Description	Layer Name
Monumentation	MON-	¼ Section Corners	MON-QCORN
Monumentation	MON-	Section Corners	MON-SECTCORN
Monumentation	MON-	Total Control Points	MON-TCONTROL
Monumentation	MON-	Vertical Control Points	MON-VCONTROL
Monumentation	MON-		MON-
Monumentation	MON-		MON-
Monumentation	MON-		MON-
Plat Information	PLAT-	Street Addresses	PLAT-ADD-TXT
Plat Information	PLAT-	Block Text / Block Number	PLAT-BLK-TXT
Plat Information	PLAT-	Dedication Plat Boundaries	PLAT-DED
Plat Information	PLAT-	Dedication Plat Bearings	PLAT-DED-BEARS
Plat Information	PLAT-	Dedication Plat Dimensions	PLAT-DED-DIMS
Plat Information	PLAT-	Easement Right-of-Way	PLAT-EASE
Plat Information	PLAT-	Easement Information	PLAT-EASE-TXT
Plat Information	PLAT-	Lot Bearing	PLAT-LOT-BEAR
Plat Information	PLAT-	Lot Curve Information	PLAT-LOT-CURV
Plat Information	PLAT-	Lot Dimensions	PLAT-LOT-DIM
Plat Information	PLAT-	Lot Lines	PLAT-LOT-LINE
Plat Information	PLAT-	Lot Numbers	PLAT-LOT-TXT
Plat Information	PLAT-	Original Lot Bearing	PLAT-ORIG-BEAR
Plat Information	PLAT-	Original Lot Curve Information	PLAT-ORIG-CURV
Plat Information	PLAT-	Original Lot Dimensions	PLAT-ORIG-DIM
Plat Information	PLAT-	Original Lot Lines	PLAT-ORIG-LINE
Plat Information	PLAT-	Original Lot Numbers	PLAT-ORIG-TXT
Plat Information	PLAT-	Parcel Bearing	PLAT-PAR-BEAR
Plat Information	PLAT-	Parcel Curve Information	PLAT-PAR-CURV
Plat Information	PLAT-	Parcel Dimension	PLAT-PAR-DIM
Plat Information	PLAT-	Parcel Number	PLAT-PAR-ID
Plat Information	PLAT-	Parcel Line	PLAT-PAR-LINE
Plat Information	PLAT-	Parcel Text / Information	PLAT-PAR-TXT

GEODEC LAYERING SCHEME

Category	Prefix	Description	Layer Name
Plat Information	PLAT-	Subdivision Boundary Addition Boundary	PLAT-SUB
Plat Information	PLAT-	Subdivision Name / Addition Name	PLAT-SUB-TXT
Plat Information	PLAT-	Vacations	PLAT-VAC
Plat Information	PLAT-		PLAT-
Plat Information	PLAT-		PLAT-
Plat Information	PLAT-		PLAT-
Presentation	PRE-	Copyright Information	PRE-COPYRITE
Presentation	PRE-	Map Legend	PRE-LEGEND
Presentation	PRE-	Map Scale Bar	PRE-LEGEND-SCALE
Presentation	PRE-	Plot Information	PRE-PLOT
Presentation	PRE-		PRE-
Presentation	PRE-		PRE-
Presentation	PRE-		PRE-
Railroads	RR-	Bridges	RR-BRIDGE
Railroads	RR-	Railroad Tracks	RR-TRACK
Railroads	RR-	Railroad Names	RR-TXT
Railroads	RR-		RR-
Railroads	RR-		RR-
Railroads	RR-		RR-
Right of Ways	ROW-	County Roads	ROW-CNTY
Right of Ways	ROW-	Collectors	ROW-COLL
Right of Ways	ROW-	Ditches	ROW-DRAIN
Right of Ways	ROW-	City Streets	ROW-LOCAL
Right of Ways	ROW-	Minor Arterial	ROW-MINR
Right of Ways	ROW-	Principal Arterial	ROW-PRIN
Right of Ways	ROW-	Railroads	ROW-RR
Right of Ways	ROW-	Township Roads	ROW-TOWN
Right of Ways	ROW-		ROW-
Right of Ways	ROW-		ROW-

GEODEC LAYERING SCHEME

Category	Prefix	Description	Layer Name
Right of Ways	ROW-		ROW-
Roads	ROAD-	Asphalt Alley	ROAD-ALLEY-ASPH
Roads	ROAD-	Concrete Alley	ROAD-ALLEY-CONC
Roads	ROAD-	Unpaved Alley	ROAD-ALLEY-UNPAVED
Roads	ROAD-	Asphalt Surfaced Road	ROAD-ASPH
Roads	ROAD-	Bridges	ROAD-BRIDGE
Roads	ROAD-	Alley Centerline	ROAD-CL-ALLEY
Roads	ROAD-	County Road Centerline	ROAD-CL-CNTY
Roads	ROAD-	Collector Centerline	ROAD-CL-COLL
Roads	ROAD-	City Street Centerline	ROAD-CL-LOCAL
Roads	ROAD-	Minor Arterial Centerline	ROAD-CL-MINR
Roads	ROAD-	National Highway System Routes	ROAD-CL-NHS
Roads	ROAD-	Principal Arterial Centerline	ROAD-CL-PRIN
Roads	ROAD-	Township Road Centerline	ROAD-CL-TOWN
Roads	ROAD-	Concrete Surfaced Road	ROAD-CONC
Roads	ROAD-	Curb & Gutter / Pavement Section	ROAD-CURB
Roads	ROAD-	Bridge Designations	ROAD-TXT-BRIDGE
Roads	ROAD-	County Road Names	ROAD-TXT-CNTY
Roads	ROAD-	Collector Names	ROAD-TXT-COLL
Roads	ROAD-	City Street Names	ROAD-TXT-LOCAL
Roads	ROAD-	Minor Arterial Names	ROAD-TXT-MINR
Roads	ROAD-	National Highway System Text	ROAD-TXT-NHS
Roads	ROAD-	Principal Arterial Names	ROAD-TXT-PRIN
Roads	ROAD-	Township Road Names	ROAD-TXT-TOWN
Roads	ROAD-	Unpaved Road	ROAD-UNPAV
Roads	ROAD-		ROAD-
Roads	ROAD-		ROAD-
Roads	ROAD-		ROAD-
School	SCH-	School District Boundaries	SCH-DIST

GEODEC LAYERING SCHEME

Category	Prefix	Description	Layer Name
School	SCH-	School District Names	SCH-DIST-TXT
School	SCH-	Schools	SCH-SITE
School	SCH-	School Names	SCH-SITE-TXT
School	SCH-		SCH-
School	SCH-		SCH-
School	SCH-		SCH-
Structures	STRUC-	Buildings	STRUC-BLDG
Structures	STRUC-	Building Text	STRUC-BLDG-TXT
Structures	STRUC-	Radio Towers	STRUC-TOWER
Structures	STRUC-		STRUC-
Structures	STRUC-		STRUC-
Structures	STRUC-		STRUC-
Topography	TOPO-	Contour Elevation Label	TOPO-CONT-TXT
Topography	TOPO-	Fences	TOPO-FENCE
Topography	TOPO-	Approximate Index Contour	TOPO-INDAPPROX
Topography	TOPO-	Index Contour	TOPO-INDCONT
Topography	TOPO-	Approximate Intermediate Contour	TOPO-INTAPPROX
Topography	TOPO-	Intermediate Contour	TOPO-INTCONT
Topography	TOPO-	Plan Data	TOPO-PLAN
Topography	TOPO-	Spot Elevation Symbol	TOPO-SPOT
Topography	TOPO-	Vegetation	TOPO-VEG
Topography	TOPO-	Walls	TOPO-WALL
Topography	TOPO-		TOPO-
Topography	TOPO-		TOPO-
Topography	TOPO-		TOPO-
Traffic Info	TRAF-	Accident Nodes	TRAF-ACCIDENT
Traffic Info	TRAF-	Traffic Volumes	TRAF-COUNT
Traffic Info	TRAF-	Screen Lines	TRAF-SCREEN
Traffic Info	TRAF-	Signs	TRAF-SIGN
Traffic Info	TRAF-	Traffic Analysis Zones	TRAF-TAZ

GEODEC LAYERING SCHEME

Category	Prefix	Description	Layer Name
Traffic Info	TRAF-	Traffic Analysis Zone Numbers	TRAF-TAZ-TXT
Traffic Info	TRAF-		TRAF-
Traffic Info	TRAF-		TRAF-
Traffic Info	TRAF-		TRAF-
Transportation Facilities	TRAN-	Airports	TRAN-AIRP
Transportation Facilities	TRAN-	Airport Names	TRAN-AIRP-TXT
Transportation Facilities	TRAN-	Bike Path	TRAN-BIKE-C1
Transportation Facilities	TRAN-	Bike Lane	TRAN-BIKE-C2
Transportation Facilities	TRAN-	Bike Route	TRAN-BIKE-C3
Transportation Facilities	TRAN-	Driveway Centerline	TRAN-DRWY-CL
Transportation Facilities	TRAN-	Driveway Surface Type Concrete	TRAN-DRWY-CONC
Transportation Facilities	TRAN-	Driveway Surface Type Asphalt	TRAN-DRWY-ASPH
Transportation Facilities	TRAN-	Driveway Surface Type Unpaved	TRAN-DRWY-UNPAV
Transportation Facilities	TRAN-	Sidewalks	TRAN-SW
Transportation Facilities	TRAN-		TRAN-
Transportation Facilities	TRAN-		TRAN-
Transportation Facilities	TRAN-		TRAN-
Utilities	UTIL-	Electricity	UTIL-EL
Utilities	UTIL-	Overhead Electrical Line	UTIL-EL-OH
Utilities	UTIL-	Electrical Power Pole	UTIL-EL-OH-PP
Utilities	UTIL-	Underground Electrical Line	UTIL-EL-UG
Utilities	UTIL-	Underground Electrical Fixture	UTIL-EL-UG-FIXT
Utilities	UTIL-	Underground Gas Pipe	UTIL-GAS-UG
Utilities	UTIL-	Petroleum Pipelines	UTIL-PIPELINE
Utilities	UTIL-	Petroleum Pipelines Text	UTIL-PIPELINE-TXT
Utilities	UTIL-	Sanitary Sewer	UTIL-SAN
Utilities	UTIL-	Storm Sewer	UTIL-STS
Utilities	UTIL-	Telephone	UTIL-TE
Utilities	UTIL-	Overhead Telephone Line	UTIL-TE-OH

GEODEC LAYERING SCHEME

Category	Prefix	Description	Layer Name
Utilities	UTIL-	Underground Telephone Cable	UTIL-TE-UG
Utilities	UTIL-	Underground Telephone Fiber Optic Line	UTIL-TE-UG-FO
Utilities	UTIL-	Cable Television	UTIL-TV
Utilities	UTIL-	Overhead Cable Television Line	UTIL-TV-OH
Utilities	UTIL-	Underground Cable Television Line	UTIL-TV-UG
Utilities	UTIL-	Water Mains	UTIL-WM
Utilities	UTIL-	Fire Hydrants	UTIL-WM-FIRE
Utilities	UTIL-		UTIL-
Utilities	UTIL-		UTIL-
Utilities	UTIL-		UTIL-
Voting	VOTE-	Precinct Boundaries	VOTE-PREC
Voting	VOTE-	Precinct Text	VOTE-PREC-TXT
Voting	VOTE-	Ward Boundaries	VOTE-WARD
Voting	VOTE-	Ward Text	VOTE-WARD-TXT
Voting	VOTE-		VOTE-
Voting	VOTE-		VOTE-
Voting	VOTE-		VOTE-
Zoning	ZONE-	Zoning Boundaries	ZONE-BNDRY
Zoning	ZONE-	Zoning Districts	ZONE-DIST
Zoning	ZONE-	Zoning Text	ZONE-TXT
Zoning	ZONE-		ZONE-
Zoning	ZONE-		ZONE-
Zoning	ZONE-		ZONE-
911	911-	911 Addressing	911-ADDRESS
911	911-	Ambulance Response Zones	911-AMBUL
911	911-	Ambulance Response Zone Text	911-AMBUL-TXT
911	911-	Fire Department Response Zones	911-FIRE
911	911-	Fire Department Response Zone Text	911-FIRE-TXT
911	911-	911 Emergency Response Zones	911-ZONE

GEODEC LAYERING SCHEME			
Category	Prefix	Description	Layer Name
911	911-	911 Emergency Response Zone Text	911-ZONE-TXT
911	911-		911-
911	911-		911-
911	911-		911-
Miscellaneous User Defined Information	ZZ-	Task Specific Information not Intended for Circulation, Presentation and/or Sharing	ZZ-
Miscellaneous User Defined Information	ZZ-		ZZ-
Miscellaneous User Defined Information	ZZ-		ZZ-
Miscellaneous User Defined Information	ZZ-		ZZ-

GEODEC LAYERING SCHEME PROTOCOL

- ☞ Layer names will begin with a prefix depicting the appropriate category of the information contained in that layer
- ☞ Layers containing primarily text or numerical information shall contain the abbreviation "TXT"
- ☞ Layers containing primarily centerline information may contain the abbreviation "CL"
- ☞ Prefixes and Suffixes will be separated by dashes "-"

GEODEC LAYERING SCHEME PROTOCOL

Category	Prefix	Description	Layer Name Starts With:
Boundaries	BNDRY-	Jurisdictional Boundaries	BNDRY-
Census	CENSUS-	Census Related Features	CENSUS-
Hydrology	HYDRO-	Water Features	HYDRO-
Miscellaneous	MISC-	Misc. Map Information	MISC-
Monumentation	MON-	Control Information	MON-
Plat Information	PLAT-	Plat Related Information	PLAT-
Presentation	PRE-	Presentation Information	PRE-
Railroads	RR-	Railroad Features	RR-
Right-of-Ways	ROW-	Right-of-Ways	ROW-
Roads	ROAD-	Roadway Center lines and Text	ROAD-
School	SCH-	School Related Information	SCH-
Structures	STRUC-	Structure Features	STRUC-
Topography	TOPO-	Contour Information	TOPO-
Traffic Info	TRAF-	Traffic Related Information	TRAF-
Transit	BUS-	Transit Information	BUS-
Transportation Facilities	TRAN-	Transportation Facilities	TRAN-
Utilities	UTIL-	Utility Features	UTIL-
Voting	VOTE-	Voting Area Information	VOTE-
Zoning	ZONE-	Zoning Information	ZONE-
911	911-	911 Emergency Response Information	911-
Miscellaneous User Defined Information	ZZ-	Task Specific Information not Intended for Circulation, Presentation and/or Sharing	ZZ-
Category	Abbreviation	Description	Layer Name Includes:
Text	TXT	Layers containing primarily text information	-TXT-
Centerline	CL	Layers containing primarily center lines	-CL-

- ☞ Layer names will begin with a prefix depicting the appropriate category of the information contained in that layer
- ☞ Layers containing primarily text or numerical information shall contain the abbreviation "TXT"

- ☞ Layers containing primarily centerline information may contain the abbreviation “CL”
- ☞ Prefixes and Suffixes will be separated by dashes “-”