

SYMBOLS

- North Arrow
- Principal Point
- Inset Point
- R/W Monument
- Existing R/W Marker
- R/W Marker
- USG Benchmark
- NDDOT Benchmark
- Alignment Point
- 1/4 Section Corner
- Section Corner
- Property Pin
- Spot Elevation
- Existing Water Level
- Indicated Analyzed Sample
- Stone Circle/Cairn
- Productive Probe
- Artifact
- DTM Spot
- Unproductive Probe
- Excavation Unit
- Datum
- Well/Bore Hole/Ground Water Mon
- Bush/Shrub
- Evergreen Tree-Small
- Evergreen Tree - Large
- Tree- Large
- Tree - Small
- Tree Trunk
- RR Cross Buck
- RR Signal with Cross Arm
- Railroad Crossing Signal

- Railroad Battery Box
- Telephone Pole
- Telephone Pole to be Removed
- Telephone Pole to be Lowered
- Power Pole
- Power Pole to be Moved
- Power Pole to be Lowered
- Pole
- Private Mail Box
- Federal Mailbox
- Post
- Gas Vent Pipe
- Fuel Filler Pipes
- Fuel Leak Sensors
- Fuel Dispensers
- Existing Fire Hydrant
- Existing Sprinkler Head
- Cap/Stub
- Valve
- Pump
- Existing Manhole
- Existing Manhole W/Valve
- Existing Manhole W/Inlet
- Manhole W/Inlet
- Manhole
- San FM Manhole W/Valve
- Existing Catch Basin/Drop Inlet
- Catch Basin
- Curb Inlet
- Existing Curb Inlet
- Electrical Box
- Pedestal
- Existing Light Standard
- Existing Traffic Signals - Standard
- Existing Signal Head
- High Mast Lighting Pole
- Ped Head W/Number
- Feed Point - Pole Mounted
- Feed Point Pad Mounted
- Pad Mounted Transformer
- Pull Box
- Transmission Tower/Windmill

- Meter
- Transformer
- Concrete Foundation Lighting
- Down Guy Anchor
- Pedestrian Pushbutton Post
- Signal Head
- Traffic Signal Controller
- Conc. Found. Lighting Traffic Signals
- Flashing Beacon Sign Post Mount
- Traffic Signal Cont Working Slab
- Traffic Signal-Post Mounted
- Commercial Sign
- Highway Sign
- Truck Mounted Attenuation Device
- Flexible Delineator
- Double Arrow Directional Panel
- Right Directional Arrow Panel
- Left Directional Arrow Panel
- Caution Mode Panel
- Traffic Cones
- Sequencing Arrow Panel
- Flagger
- Type One Barricade
- Type II Barricade
- Type III Barricade
- Type A or B Delineator/Raised Pavement Marker
- Type D Delineator
- Back to Back Sign/Vertical Panel
- Delineator Drums
- Tubular Marker
- Attenuation Device
- 35 Watt High Press. Sodium Vap Lum
- 50 Watt High Press. Sodium Vap Lum
- 70 Watt High Press. Sodium Vap Lum
- 100 Watt High Press. Sodium Vap Lum
- 150 Watt High Press. Sodium Vap Lum
- 175 Watt High Press. Sodium Vap Lum
- 200 Watt High Press. Sodium Vap Lum
- 250 Watt High Press. Sodium Vap Lum

- 310 Watt High Press. Sodium Vap Lum
- 400 Watt High Press. Sodium Vap Lum
- 700 Watt High Press. Sodium Vap Lum
- 1000 Watt High Press. Sodium Vap Lum
- Cont Split Barrel Samp
- Flight Auger Sample
- Inclinometer Tube
- Split Barrel Sample
- Standard Penetration Test
- Thinwall Tube Sample

3-1-96	
DATE	REVISIONS
6-20-96	CHANGE
5-12-97	TYPE B & D DELINEATOR ADDED ITEMS

NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION
Kenneth E. Baird
APPROVED: DESIGN ENGINEER

NDDOT UTILITY COMPANY APPROVED ABBREVIATIONS

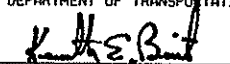
D-20-4

AC - ACCENT COMMUNICATIONS
 ACR FLOW WU - ACRO FLOW WATER USERS
 ADA LND - ADA LAND CORPORATION
 AGASSIZ WU - AGASSIZ WATER USERS INCORPORATED
 ALL PL - ALLIANCE PIPELINE
 ALL SEAS WU - ALL SEASONS WATER USERS INCORPORATED
 AMRDA PET - AMERADA PETROLEUM CORPORATION
 AMRCL OIL - AMERICAL OIL COMPANY
 AMINOIL - AMINOIL USA
 AMOCO PL - AMOCO PIPELINE COMPANY
 AT&T - AT&T TELEPHONE
 BRNS RWU - BARNES RURAL WATER USERS
 BASIN ELEC - BASIN ELECTRIC COOPERATIVE INCORPORATED
 B PEI - BEAR PAW ENERGY INC
 BEK TEL - BEK TELEPHONE
 BELLE P L - BELLE FOURCHE PIPE LINE COMPANY
 BOEING - BOEING
 BURK DIV ELEC - BURKE-DIVIDE ELECTRIC COOPERATIVE
 BURL WU - BURLEIGH WATER USERS
 BURM OIL/GAS - BURMAH OIL AND GAS COMPANY
 CABLE SERV - CABLE SERVICES INC
 CBLCOM - CABLECOM OF FARGO
 CAP ELEC - CAPITAL ELECTRIC COOPERATIVE INCORPORATED
 CASS CO ELEC - CASS COUNTY ELECTRIC COOPERATIVE
 CASS RWU - CASS RURAL WATER USERS INCORPORATED
 CAV ELEC - CAVALIER ELECTRIC COOPERATIVE
 CENEX PL - CENEX PIPELINE COMPANY
 CENT CTY CABLE - CENTRAL CITY CABLE TELEVISION
 CENT PWR ELEC - CENTRAL POWER ELECTRIC COOPERATIVE
 CHUCKS RAD & TV - CHUCK'S RADIO & TELEVISION
 MUNICIPAL - CITY OF
 MUNICIPAL - CITY WATER AND SEWER
 CONOCO - CONOCO INC
 CONS CRUDE OIL - CONSOLIDATED CRUDE OIL COMPANY
 CONS TEL - CONSOLIDATED TELEPHONE
 CONT OIL - CONTINENTAL OIL COMPANY
 CONT PL - CONTINENTAL PIPELINE COMPANY
 DAK CENT TEL - DAKOTA CENTRAL TELEPHONE
 DAK WU - DAKOTA WATER USERS INCORPORATED
 DARENCO - DARENCO
 D O E - DEPARTMENT OF ENERGY
 DICKEY CABLE - DICKEY RURAL CABLE TELEVISION
 DICKEY R W U - DICKEY RURAL WATER USERS
 DICKEY TEL - DICKEY TELEPHONE
 DOME PL - DOME PIPELINE COMPANY
 ECO ENG - ECOLOGICAL ENGINEERING
 EDGE CABLE - EDGELEY CABLE TELEVISION
 ELLEND CABLE - ELLENDALE CABLE TELEVISION
 FALK MNG - FALKIRK MINING COMPANY
 FLASH CABLE - FLASHER CABLE TELEVISION
 G T E - GENERAL TELEPHONE AND ELECTRIC
 GETTY TRD & TRAN - GETTY TRADING & TRANSPORTATION
 G T C - GILBY TELEPHONE COMPANY
 GLDN W ELEC - GOLDEN WEST ELECTRIC COOPERATIVE
 G FKS-TRL WU - GRAND FORKS-TRAIL WATER USERS
 GT NTHN PL - GREAT NORTHERN PIPELINE COMPANY
 GT PLNS NAT GAS - GREAT PLAINS NATURAL GAS COMPANY
 GRGS CO TEL - GRIGGS COUNTY TELEPHONE
 HALS TEL - HALSTAD TELEPHONE
 HARMON CABLE - HARMON CABLE TELEVISION
 HUNT OIL - HUNT OIL COMPANY
 INT-COMM TEL - INTER-COMMUNITY TELEPHONE
 JMS VLY ELEC - JAMES VALLEY ELECTRIC COOPERATIVE
 KANEB PL - KANEB PIPELINE COMPANY
 KEM ELEC - KEM ELECTRIC COOPERATIVE
 KERR-MC - KERR-MCGEE
 KOCH GATH SYS - KOCH GATHERING SYSTEMS INCORPORATED
 LKHD PL - LAKEHEAD PIPELINE COMPANY
 LNGDN CABLE - LANGDON CABLE TELEVISION
 LNGDN RWU - LANGDON RURAL WATER USERS INCORPORATED
 LTING REQ - LIGHTING REQUESTS
 LWR YELL R ELEC - LOWER YELLOWSTONE RURAL ELECTRIC
 MCKNZ ELEC - MCKENZIE ELECTRIC COOPERATIVE

MCLN ELEC - MCLEAN ELECTRIC COOPERATIVE
 MCLN-SHRDN WAT BRD - MCLEAN-SHERIDAN WATER BOARD
 MID-CONT CABLE - MID-CONTINENT CABLE TELEVISION SYSTEM
 MIDSTATE TEL - MIDSTATE TELEPHONE
 MDWST CABLE - MIDWEST CABLE TELEVISION
 MDWST NAT GAS - MIDWEST NATURAL GAS COMPANY
 MNKOTA PWR COOP - MINNKOTA POWER COOPERATIVE
 MINOT CABLE - MINOT CABLE TELEVISION
 MINOT TEL - MINOT TELEPHONE COMPANY
 MISS W W S - MISSOURI WEST WATER SYSTEM
 MDU - MONTANA-DAKOTA UTILITIES
 M & L TEL - MOORE AND LIBERTY TELEPHONE
 MRHD P S D - MOOREHEAD PUBLIC SERVICE DEPARTMENT
 MOR-GRAN-SOU ELEC - MOR-GRAN-SOU ELECTRIC COOPERATIVE
 MOUNT-WILLI ELEC - MOUNTRAIL-WILLIAMS ELECTRIC COOPERATIVE
 NDSU SOIL SCI DEPT - NDSU SOIL SCIENCE DEPARTMENT
 NEMONT TEL - NEMONT TELEPHONE
 NEW VIEW CABLE - NEW VIEW CABLE TELEVISION
 NEWBURG PL - NEWBURG PIPELINE COMPANY
 NODAK ELEC - NODAK ELECTRIC COOPERATIVE
 NOON FRMS TEL - NOONAN FARMERS TELEPHONE COMPANY
 N CENT ELEC - NORTH CENTRAL ELECTRIC COOPERATIVE
 ND PKS & REC - NORTH DAKOTA PARKS AND RECREATION
 ND TEL - NORTH DAKOTA TELEPHONE COMPANY
 N VALL W ASSOC - NORTH VALLEY WATER ASSOCIATION
 NTHN BRDR PL - NORTHERN BORDER PIPELINE
 N PLS EL COOP - NORTHERN PLAINS ELECTRIC COOP INC
 NTH PRAIR RW - NORTHERN PRAIRIE RURAL WATER ASSOCIATION
 NSP - NORTHERN STATES POWER
 NW COMM COOP - NORTHWEST COMMUNICATION COOPERATION
 NTHNWSTRN REF - NORTHWESTERN REFINING COMPANY
 OLVR-MERC ELEC - OLIVER-MERCER ELECTRIC COOPERATIVE
 OTTR TL PWR - OTTER TAIL POWER COMPANY
 PAN AM PET - PAN AMERICAN PETROLEUM CORPORATION
 PETRO INC - PETROLEUM INCORPORATED
 PHILLIPS PET - PHILLIPS PETROLEUM COMPANY
 POLAR TEL - POLAR RURAL TELEPHONE
 PORTAL PL - PORTAL PIPELINE COMPANY
 P L E M - PRAIRIELANDS ENERGY MARK
 R&T W SUPP - R & T WATER SUPPLY
 RSR ELEC - R.S.R. ELECTRIC COOPERATIVE
 RAMSEY R SEW - RAMSEY RURAL SEWER ASSOCIATION
 RAMSEY RW - RAMSEY RURAL WATER ASSOCIATION
 RD RIV ELEC - RED RIVER ELECTRIC COOPERATIVE
 RD RIV TEL - RED RIVER TELEPHONE
 REILES ACRES SAN SEW - REILES ACRES SANITARY SEWER
 RESVTN TEL - RESERVATION TELEPHONE
 RICH RWU - RICHLAND RURAL WATER USERS
 ROBRTS TEL - ROBERTS COUNTY TELEPHONE
 ROSVLT PL - ROOSEVELT PIPELINE COMPANY
 S K M CABLE - S.K.M. CABLE TELEVISION
 SCOTT CABLE - SCOTT CABLE TELEVISION DICKINSON
 SERVICE PL - SERVICE PIPELINE COMPANY
 SHELL PL - SHELL PIPELINE COMPANY
 SHERDN CO ELEC - SHERIDAN COUNTY ELECTRIC COOPERATIVE
 SHEYN VLY ELEC - SHEYENNE VALLEY ELECTRIC COOPERATIVE
 SIGNAL OIL & GAS - SIGNAL OIL & GAS COMPANY
 SKELLY OIL - SKELLY OIL COMPANY
 SLOPE ELEC - SLOPE ELECTRIC COOPERATIVE
 SOURIS RIV TEL - SOURIS RIVER TELEPHONE
 S E W U - SOUTH EAST WATER USERS
 SQ BUT PWR - SQUARE BUTTE POWER COOPERATIVE
 S T COM - STATELINE TELECOMMUNICATIONS
 STATE LN WATER - STATE LINE WATER COOPERATIVE
 ST WAT COMM - STATE WATER COMMISSION
 STUT RWU - STUTSMAN RURAL WATER USERS INCORPORATED
 SUPERIOR OIL - SUPERIOR OIL COMPANY
 S T V - SURREY TV
 TCI - TCI OF NORTH DAKOTA
 TEXACO PL - TEXACO PIPELINE INCORPORATED
 TWRN CABLE - TOWNER CABLE TELEVISION INCORPORATED
 TRL CO RWU - TRAIL COUNTY RURAL WATER COOPERATIVE
 T T G - TRANS TEXAS GAS

TRENT RW - TRENTON RURAL WATER
 TRI-CNTY WU - TRI-COUNTY WATER USERS INCORPORATED
 T M C - TURTLE MOUNTAIN COMMUTATION
 US SPRINT - U.S. SPRINT
 USW COMM - U.S. WEST COMMUNICATIONS
 USAF MSL CABLE - U.S.A.F. MISSILE CABLE
 UNTO PWR - UNITED POWER ASSOCIATION
 UNTO TEL - UNITED TELEPHONE COOPERATIVE
 UPRR MISS G&T - UPPER MISSOURI GENERATION & TRANSMISSION
 UPRR SOUR WUA - UPPER SOURIS WATER USERS ASSOCIATION
 VELVA CABLE - VELVA CABLE TELEVISION
 VRNDRY ELEC - VERENDRYE ELECTRIC COOPERATIVE
 VKNG ELEC - VIKING ELECTRONICS INCORPORATED
 WEB - W.E.B. WATER DEVELOPMENT ASSOCIATION
 WALHLA CABLE - WALHALLA CABLE TELEVISION INCORPORATED
 WLSH WU - WALSH WATER USERS INCORPORATED
 WARREN PET - WARREN PETROLEUM COMPANY
 WELLS CO WA - WELLS COUNTY WATER ASSOCIATION
 W MARC CABLE - WEST MARC CABLE TELEVISION
 W PLNS ELEC - WEST PLAINS ELECTRIC COOPERATIVE
 W RIV TEL - WEST RIVER TELEPHONE
 W GAS PROC - WESTERN GAS PROCESSORS LTD.
 WSTN TERM - WESTERN TERMINAL COMPANY
 WILLI BROS PL - WILLIAMS BROTHERS PIPELINE COMPANY
 WILLI RWA - WILLIAMS RURAL WATER ASSOCIATION
 WILSTN BAS PL - WILLISTON BASIN PIPELINE COMPANY
 WILSTN GAS - WILLISTON GAS COMPANY
 WOLVVRTN TEL - WOLVERTON TELEPHONE
 WYCO PL - WYCO PIPELINE COMPANY

3-1-96	
REVISIONS	
DATE	CHANGE
8-15-96	GENERAL REVISIONS
9-9-97	GENERAL REVISIONS

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