

STANDARD SPECIFICATIONS

STANDARD SPECIFICATIONS FOR THIS PROJECT SHALL BE THE CITY OF RAPID CITY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION...

PROJECT SEQUENCING

- 1. THE CONTRACTOR SHALL USE THE DRAWINGS FOR PROJECT SEQUENCING GUIDANCE.
2. IMPLEMENT TRAFFIC CONTROL PLAN AND INSTALL MOVEABLE BARRIERS FOR PROPOSED EXCAVATION AREAS...

THE CONTRACTOR SHALL DEVELOP A CONSTRUCTION SCHEDULE AND SEQUENCE TO MEET THE GENERAL INTENT...

THE CONTRACTOR SHALL SUBMIT THE PROPOSED SEQUENCE AND THE PROPOSED SCHEDULE NOT LESS THAN 7 WORKING DAYS PRIOR TO PRECONSTRUCTION MEETING.

TRAFFIC CONTROL

THE CONTRACTOR IS REQUIRED TO MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES...

THE CONTRACTOR SHALL PREPARE AND SUBMIT (NOT LESS THAN SEVEN (7) WORKING DAYS PRIOR TO PRECONSTRUCTION MEETING...) A TOP INCLUDING PEDESTRIAN AND BICYCLE TRAFFIC TO THE ENGINEER...

FLAGGERS, PROPERLY ATTIRED AND PRECEDED BY PROPER SYMBOL SIGNS MAY BE REQUIRED TO SAFELY MAINTAIN TRAFFIC WHEN WORK ACTIVITIES AND/OR EQUIPMENT PRESENTS A HAZARD TO WORKERS OR TRAFFIC...

THE CONTRACTOR IS REQUIRED TO HAVE A PERSON AVAILABLE 24 HOURS A DAY, 7 DAYS A WEEK TO MAINTAIN TRAFFIC CONTROL DEVICES...

EXISTING SIGNS

ALL TRAFFIC CONTROL SIGNS REMOVED OR DAMAGED BY THE CONTRACTOR SHALL BE RESET OR REPLACED, AND SHALL BE INCIDENTAL TO THE TRAFFIC CONTROL BID ITEM

SUBMITTALS

THE TERM 'SUBMITTALS' INCLUDES DRAWINGS, DIAGRAMS, DESCRIPTIVE LITERATURE, ILLUSTRATIONS, INSTRUCTIONS, SCHEDULES, PERFORMANCE AND TEST DATA, PRODUCT DATA SHEETS, MATERIAL SAFETY DATA SHEETS...

AT LEAST SEVEN (7) WORKING DAYS BEFORE HIS NEED FOR APPROVAL, THE CONTRACTOR SHALL FORWARD TO THE ENGINEER A MINIMUM OF FIVE (5) COPIES OF SUBMITTALS FOR ALL CONTRACTOR-FURNISHED PRODUCTS...

THE LOG OF CONSTRUCTION SUBMITTALS SHALL INCLUDE BUT IS NOT LIMITED TO THE TABLE BELOW:

Table with 2 columns: Construction Schedule, Fertilizer Certification. Items include subcontractor & supplier list, traffic control plan, storm water plan, etc.

CONSTRUCTION LIMITS

IN GENERAL, THE CONSTRUCTION LIMITS FOR THE PROJECT SHALL BE DEFINED AS FOLLOWS:

PROPERTY LINES, RIGHT-OF-WAY LINES, EXISTING UTILITY EASEMENT LINES, AND TEMPORARY CONSTRUCTION EASEMENT LINES SHALL BE THE CONSTRUCTION LIMITS UNLESS INDICATED OTHERWISE ON THE DRAWINGS OR FURTHER DEFINED HEREIN

CONTRACTOR SHALL CONFINE CONSTRUCTION WORK WITHIN THE CONSTRUCTION LIMITS DEFINED

CONSTRUCTION ACTIVITIES SHALL BE RESTRICTED TO THE CONSTRUCTION LIMITS UNLESS PRIOR APPROVAL IS RECEIVED FROM THE ENGINEER...

MATERIAL STOCKPILE IDENTIFICATION

THE CONTRACTOR SHALL CLEARLY IDENTIFY MATERIAL STOCKPILES SO THAT MATERIAL TYPES AND USES ARE CLEARLY IDENTIFIED, FOR EXAMPLE BEDDING, GRAVEL CUSHION, BASE COURSE, AND CUSHION GRAVEL FOR SIDEWALK, ETC.

EXISTING UTILITY CROSSINGS

REFER TO SPECIFICATIONS FOR CROSSING OF EXISTING STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND WATER MAIN LOWERINGS. AT ALL LOCATIONS WHERE THE PROPOSED UTILITY IMPROVEMENT CROSSES OR IS ADJACENT TO EXISTING STORM SEWERS, SANITARY SEWERS OR WATER MAINS...

REESTABLISHING PROPERTY CORNERS

THE CONTRACTOR SHALL REESTABLISH ALL CORNERS THAT ARE DISTURBED DURING CONSTRUCTION UNDER THE DIRECTION OF A REGISTERED LAND SURVEYOR...

ANY CORNERS THAT ARE DISTURBED SHALL BE REESTABLISHED BY THE CONTRACTOR. ALL COSTS FOR WORK AND MATERIAL NECESSARY FOR REESTABLISHING THE CORNERS SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE PER EACH FOR 'SET/RESET PROPERTY PINS'...

CORNERS THAT REQUIRE RE-ESTABLISHMENT MAY NOT BE REESTABLISHED USING THE STATIONS AND OFFSETS THAT ARE SHOWN IN THE ATTACHED LIST. A SEPARATE SURVEY BY THE CONTRACTOR IS REQUIRED TO REESTABLISH THE CORNERS.

EXISTING UTILITIES

LOCATION OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND WERE TAKEN FROM AVAILABLE RECORDS. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS...

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UTILITY COMPANY NOTIFICATION

THE INFORMATION ON THESE DRAWINGS CONCERNING THE TYPE, SIZE AND LOCATION OF UTILITIES HAS BEEN BASED UPON THE INFORMATION AVAILABLE DURING TOPOGRAPHIC SURVEYS...

THE CONTRACTOR SHALL UTILIZE THE SOUTH DAKOTA ONE CALL NOTIFICATION PROCESS TO PROVIDE ADVANCE NOTICE OF AT LEAST 48 HOURS, EXCLUDING WEEKENDS AND HOLIDAYS, TO INFORM ALL SOUTH DAKOTA UNDERGROUND FACILITY OPERATORS...

ASPHALT REMOVAL

THE CONTRACTOR SHALL REMOVE & DISPOSE OF THE EXISTING ASPHALT PAVEMENT AS NOTED ON THE PLANS REFER TO THE NOTE REGARDING 'SAW CUTTING PAVEMENT' FOR ADDITIONAL INFORMATION REGARDING PAVEMENT SAW CUTTING...

SAW CUTTING PAVEMENT

PAVEMENT AREAS TO BE REMOVED ARE SHOWN ON THE DRAWINGS. THESE AREAS REPRESENT THE FINAL PAVEMENT SAW CUT AND REMOVAL LIMITS. THE FIRST PAVEMENT SAW CUT FOR SHALL BE MADE AT LEAST 1 FOOT INSIDE OF THE LINES SHOWN...

WASTE DISPOSAL

THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL WASTE DISPOSAL ON THE PROJECT. THE CONTRACTOR SHALL FURNISH THE DISPOSAL SITE FOR THIS WORK AND THE LOCATION MUST BE APPROVED BY THE ENGINEER...

WASTE DISPOSAL SITE

THE CONTRACTOR SHALL FURNISH A SITE SATISFACTORY TO THE ENGINEER FOR THE DISPOSAL OF BROKEN CONCRETE, EXCESS DIRT, ROCK AND OTHER CONSTRUCTION/DEMOLITION DEBRIS GENERATED BY THIS PROJECT...

PIPE ENCASUREMENT

CONCRETE ENCASUREMENT SHALL MEET THE FOLLOWING

THE CONTROLLED LOW STRENGTH MATERIAL FOR THE CONCRETE ENCASUREMENT SHALL COMPLY WITH SECTION 200 OF THE STANDARD SPECIFICATIONS.

PRE-PAVING MEETING

PRIOR TO BEGINNING PAVING OPERATIONS, THE CONTRACTOR SHALL SCHEDULE A MEETING TO CHECK THE BASE COURSE. THE CONTRACTOR'S SUPERINTENDENT, PAVING SUPERINTENDENT AND CITY INSPECTOR SHALL PARTICIPATE IN A CHECK OF THE CUSHION/BASE TO VERIFY THAT NO SOFT SPOTS ARE PRESENT...

PRIOR TO THE BASE COURSE CHECK, THE CONTRACTOR SHALL SCHEDULE AND COORDINATE A PRE-PAVING MEETING WITH THE PAVING CONTRACTOR'S SUPERINTENDENT, JOB FOREMAN, CONTRACTOR'S SUPERINTENDENT, CITY OBSERVER AND ENGINEER PRIOR TO INITIATING PAVING ACTIVITIES...

BASE COURSE

AGGREGATES FOR BASE COURSE SHALL BE 3/4" LIMESTONE LEDGE ROCK AND SHALL CONFORM TO THE REQUIREMENTS IN SECTION 117 OF THE STANDARD SPECIFICATIONS.

ESTIMATED QUANTITIES WERE BASED UPON AN ASSUMED IN PLACE DENSITY OF 150 LB/CU FT.

TEMPORARY SURFACING

BACKFILLED AREAS OPENED TO TRAFFIC PRIOR TO PAVING AND PAVEMENT PATCHING, SHALL HAVE TEMPORARY GRAVEL SURFACING FOR DRIVEWAY ACCESS AND CROSS TRAFFIC AT INTERSECTING STREETS...

TRENCH CHECK DAM

CONTRACTOR SHALL PLACE WITHIN THE TRENCH A COMPACTED COHESIVE CLAY CHECK DAM. DURING CONSTRUCTION, CHECK DAM LOCATION MAY BE MOVED DUE TO FIELD CONDITIONS. THE CHECK DAM SHALL EXTEND COMPLETELY TO EACH TRENCH SIDEWALL...

TREE REMOVAL

TREES LARGER THAN 8" IN DIAMETER WILL BE PAID FOR UNDER THE BID ITEM 'TREE REMOVAL'

SODDING

SOD AREAS AS NOTED ON THE PLANS. SODDING SHALL CONFORM TO SECTION 73 OF THE STANDARD SPECIFICATIONS WATERING THE SOD FOR THE THREE WEEK PERIOD CALLED FOR IN THE SPECIFICATIONS SHALL BE MET OR EXCEEDED TO INSURE SOD GROWTH.

TOP SOIL

PRIOR TO EXCAVATING FOR THE WATER PIPE, THE CONTRACTOR SHALL STRIP AND STOCKPILE THE TOPSOIL. THE TOPSOIL SHALL BE STOCKPILED TO DEPTHS NECESSARY TO PROVIDE A DEPTH OF FOUR INCHES OF TOP SOIL AT COMPLETION...

CONCRETE CURB & GUTTER

CONCRETE CURB & GUTTER TO BE REMOVED AND REPLACED IS SHOWN ON THE DRAWINGS. HOWEVER, DURING CONSTRUCTION, THE ENGINEER MAY DIRECT A LESSER OR GREATER REMOVAL LIMIT DUE TO THE PROXIMITY OF CONCRETE JOINTS OR OTHER CONDITIONS...

ASPHALT PAVEMENT REPLACEMENT SECTION

THE FULL DEPTH ASPHALT PATCH SECTION SHALL BE SIX INCHES (6") OF AGGREGATE BASE COURSE, AND FIVE INCHES (5") OF CLASS G, TYPE 1 ASPHA - CONCRETE THE ASPHALT BINDER FOR THE CLASS G, TYPE 1 ASPHALT CONCRETE MAY BE PG 64-22

INCIDENTAL WORK

INCIDENTAL WORK SHALL INCLUDE ALL MISCELLANEOUS ITEMS NOT INCLUDED IN THE REGULAR ITEMS COVERED BY UNIT PRICES LISTED IN THE PROPOSAL AND SHOWN ON THE DRAWINGS, BUT WHICH MUST BE PERFORMED IN ORDER TO PROPERLY COMPLETE THE WORK.

THE ITEMS AND WORK LISTED BELOW ARE TO BE INCLUDED IN THE INCIDENTAL WORK ITEM, BUT THE LIST DOES NOT LIMIT THE SCOPE TO ONLY THOSE ITEMS. THE CONTRACTOR SHALL INCLUDE THOSE ITEMS THAT MAY BE SPECIFIC TO HIS CONSTRUCTION PROCEDURES.

DUST CONTROL

OBTAIN PERMITS AS NEEDED

REMOVE AND RESET TRAFFIC SIGNS

MAINTAIN TEMPORARY SURFACING

ABANDONMENT OF EXISTING WATER MAINS

STABILIZED CONSTRUCTION ENTRANCES

PROTECT OTHER UTILITIES FROM MOVEMENT DURING EXCAVATION

STRIP, STOCKPILE & PLACE TOPSOIL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COMPLYING WITH THE RIGHT TO WORK PERMIT FOR THE PROJECT ALLOWING THE CONTRACTOR TO WORK IN THE RIGHT-OF-WAY. THE CONTRACTOR SHALL NOT BE CHARGED FOR THE PERMIT, AND CAN OBTAIN IT FROM THE CITY UTILITY MAINTENANCE DIVISION.

INCIDENTAL WORK SHALL BE PAID FOR UNDER THE LUMP SUM BID FOR 'INCIDENTAL WORK'

WATER MAIN ABANDONMENT

THE EXISTING WATER MAIN SHALL BE ABANDONED ACCORDING TO THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL REMOVE THE EXISTING MAIN OR ANY ASSOCIATED VALVES AND FITTINGS NECESSARY TO COMPLETE THE PROJECT...

EROSION AND WATER POLLUTION CONTROL

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DEVELOPMENT, PROCUREMENT, AND IMPLEMENTATION OF A SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (DENR) 'STORM WATER' PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES...

THE CONTRACTOR IS ADVISED THAT SEVERAL AGENCIES HAVE THE AUTHORITY TO 'STOP WORK' IF THE POLLUTION PREVENTION CONTROL IS NOT IMPLEMENTED OR IS NOT IN EFFECTIVE. NO COMPENSATION WILL BE FORTHCOMING FOR 'TIME LOST' DUE TO A 'STOP WORK' ORDER.

MAINTENANCE AND REPAIR OF EROSION CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. INSPECT EROSION CONTROL DEVICES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL.

INLET & OUTLET PROTECTION SHALL BE ANY EROSION OR SEDIMENT CONTROL DEVICE WHICH PREVENTS SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM OR CULVERT OR PREVENTS EROSION AT THE DISCHARGE POINT OF A CULVERT.

AS CONSTRUCTION MAY DEVIATE FROM THE DESIGN PLAN, ADDITIONAL EROSION AND SEDIMENT CONTROL SHALL BE USED TO PREVENT SEDIMENT FROM BEING TRANSPORTED FROM THE DISTURBED CONSTRUCTION AREAS.

ALL SEDIMENT FROM CONSTRUCTION ACTIVITIES SHALL BE REMOVED FROM THE SURROUNDING STREETS WITHIN 24 HOURS OF DEPOSIT.

ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AND REPAIRED PER MANUFACTURERS RECOMMENDATIONS BY THE CONTRACTOR DURING THE CONSTRUCTION PHASE AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.

INLET & OUTLET PROTECTION DEVICES SHALL BE SUBMITTED TO THE PROJECT MANAGER AS SHOP DRAWINGS FOR APPROVAL.

COORDINATION AND SCHEDULING

A PRECONSTRUCTION MEETING WILL BE CONDUCTED AND THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE IN ACCORDANCE WITH SECTION 7.70 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR WILL BE REQUIRED TO ATTEND THIS AND OTHER PERIODIC MEETINGS WITH CITY PERSONNEL AND AFFECTED UTILITIES OWNERS FOR THE PURPOSE OF SCHEDULING AND COORDINATION DURING THE COURSE OF CONSTRUCTION...

DEWATERING PERMITS

DEWATERING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 11.3, AND IN ACCORDANCE WITH THE FOLLOWING ADDITIONAL REQUIREMENTS. DEWATERING ACTIVITIES SHALL BE CONDUCTED IN COMPLIANCE WITH THE 'GENERAL PERMIT TO DISCHARGE UNDER THE SURFACE WATER DISCHARGE SYSTEM FOR TEMPORARY DEWATERING ACTIVITIES IN SOUTH DAKOTA', DENR PERMIT NO. SDG 070000...

AS-BUILT PLANS

THE CONTRACTOR SHALL MEASURE AND RECORD ANY HORIZONTAL OR VERTICAL DEVIATIONS FROM THE CONTRACT DRAWING. THE CHANGES SHALL BE RECORDED IN AN ACCURATE, NEAT FASHION ON THE DRAWINGS AND FURNISHED TO THE ENGINEER UPON COMPLETION OF THE PROJECT...

WATER FOR COMPACTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING WATER FOR COMPACTION OF GRANULAR MATERIALS AND TRENCH BACKFILL AS REQUIRED. THERE WILL BE NO SEPARATE PAYMENT FOR WATER FOR COMPACTION. THE COSTS FOR PURCHASING, LOADING, TRANSPORTING AND APPLYING WATER SHALL BE INCIDENTAL TO THE VARIOUS ITEMS WHERE WATER IS REQUIRED...

WATER FOR COMPACTION OF GRANULAR MATERIAL SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE FOR THE VARIOUS GRANULAR MATERIALS. THE MOISTURE CONTENT OF THE GRANULAR MATERIALS SHALL BE WITHIN 3%/ OF OPTIMUM MOISTURE UNLESS OTHERWISE REQUIRED BY THE ENGINEER.

TRENCH EXCAVATION AND BACKFILL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SAFE EXCAVATION COMPLYING WITH APPLICABLE STATE AND FEDERAL SAFETY REGULATIONS. IT IS POSSIBLE THAT IN SOME AREAS SPECIAL FOUNDATIONS MAY BE REQUIRED TO PROVIDE ADEQUATE SUPPORT FOR THE PIPE. SUCH FOUNDATIONS WILL CONSIST OF SUB-EXCAVATION TO A DEPTH AS REQUIRED BY THE ENGINEER AND PLACEMENT OF TYPE 2 OR TYPE 3 FOUNDATION MATERIAL.

IMPORTED BORROW (TRENCH) QUANTITIES LISTED IN THE BIDDERS PROPOSAL ARE DESIGNATED FOR SOFT OR UNSUITABLE MATERIALS DESIGNATED BY THE ENGINEER. THE IMPORTED BORROW (TRENCH) ITEM IS NOT DESIGNATED OR INTENDED TO BE USED FOR REPLACEMENT OF NET MATERIALS OR HARD SHALE MATERIAL OR OTHER MATERIAL THAT MAY REQUIRE PROCESSING. NO ADDITIONAL PAYMENT WILL BE MADE FOR PROCESSING OF BACKFILL MATERIAL.

\*IMPORTED BORROW\* QUANTITIES WILL BE DETERMINED BY COUNTING TRUCK LOADS. THE QUANTITY OF MATERIAL EACH TRUCK HOLDS SHALL BE AGREED UPON BY THE ENGINEER AND CONTRACTOR PRIOR TO ANY HAULING OPERATIONS. THE CONTRACTOR SHALL NOT BE PAID FOR TRENCH WIDTHS GREATER THAN FOUR (4) FEET (OR THE MAXIMUM TRENCH WIDTH, WHICHEVER IS GREATER) OR DEEPER THAN TWO (2) FEET BELOW THE BOTTOM OF THE PIPE...

SELECT BEDDING MATERIAL PER STANDARD SPECIFICATION SECTION 11 IS REQUIRED FROM 3" ABOVE THE PIPE TO 24 INCHES ABOVE THE PIPE. STONES AND ROCKS UP TO 12 INCHES IN THEIR LONGEST DIMENSION MAY BE INCLUDED IN THE BACKFILL 24 INCHES ABOVE THE PIPE

WARRANTY PERIOD

THE WARRANTY PERIOD FOR THIS PROJECT SHALL START WHEN THE PROJECT IS COMPLETE AND SHALL NOT BE BASED ON COMPLETION OF DIFFERENT PHASES OR COMPLETION DATES OF THE PROJECT

WATER SERVICE LINES

THE EXISTING COPPER WATER SERVICES SHALL BE DISCONNECTED FROM THE EXISTING WATER MAIN, THE CORPORATION STOP SHUT OFF, AND THE PIPE REMOVED FROM THE CORPORATION STOP. THE CONTRACTOR SHALL INSTALL A TAPPING SADDLE AND A CORPORATION STOP FOR EACH NEW SERVICE LINE.

CONCRETE SIDEWALK

CONCRETE SIDEWALK TO BE REMOVED AND REPLACED IS SHOWN ON THE DRAWINGS. REMOVAL AND REPLACEMENT BEYOND THE LIMITS SHOWN SHALL BE AT THE CONTRACTOR'S EXPENSE. HOWEVER, DURING CONSTRUCTION, THE ENGINEER MAY DIRECT A LESSER OR GREATER REMOVAL LIMIT DUE TO THE PROXIMITY OF CONCRETE JOINTS OR OTHER CONDITIONS...

HANDICAP RAMPS

HANDICAP RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL 61-5. THE DETECTABLE WARNING PANELS SHALL BE CAREFULLY SET TO MATCH THE TOP OF THE SIDEWALK TO ENSURE THAT NO TRIP SPOTS EXIST AT THE EDGES OF THE PANELS.

THE DETECTABLE WARNING PANELS SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR 'DETECTABLE WARNING PANEL'.

THERE WILL BE NO SEPARATE PAYMENT FOR HANDICAP RAMPS. THE RAMP SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR THE CORRESPONDING CONCRETE SIDEWALK BID ITEM. THE CURB TRANSITION AND RAMP OPENING SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR THE CORRESPONDING CURB AND GUTTER BID ITEM WHEN CURB AND GUTTER IS USED.

PERMIT FOR THE RAPID CITY AIR QUALITY CONTROL DISTRICT

THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 7.28 OF THE STANDARD SPECIFICATIONS REGARDING DUST CONTROL. DUST CONTROL PERMITS SHALL BE OBTAINED PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL PERFORM WATERING AND CLEANING OPERATIONS NECESSARY TO COMPLY WITH THE PERMIT.

ALL COSTS ASSOCIATED WITH DUST CONTROL AND STABILIZED CONSTRUCTION ENTRANCES ARE CONSIDERED INCIDENTAL WORK TO THE PROJECT.

MATERIAL TICKET SUBMITTALS AND STOCKPILES

THE CONTRACTOR SHALL SUBMIT ALL TICKETS FOR MEASUREMENT AND PAYMENT TO THE INSPECTOR WITHIN 48 HOURS, PER STANDARD SPECIFICATIONS. ANY TICKET RECEIVED LATER THAN 48 HOURS WILL NOT BE ACCEPTED AND PAYMENT FOR THAT ITEM WILL NOT BE MADE...

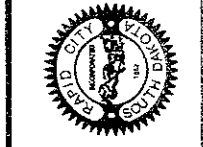
CONSTRUCTION STAKING

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE ACCURATE CONSTRUCTION OF ALL WORK TO THE LINES, GRADES AND ELEVATIONS SHOWN ON THE DRAWINGS. THE ENGINEER WILL FURNISH BASIC SURVEY CONTROL AND LIMITED AMOUNTS OF CONSTRUCTION STAKING SERVICES FOR USE BY THE CONTRACTOR

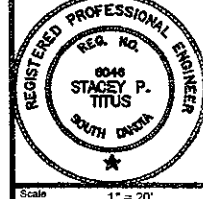
THE ENGINEER SHALL BE PROMPTLY NOTIFIED OF ANY DISCREPANCIES DISCOVERED DURING LAYOUT WORK. THE CONTRACTOR SHALL NOT MAKE CHANGES OR RELOCATIONS WITHOUT WRITTEN APPROVAL OF THE ENGINEER

- 1. IDENTIFY AND SET IF NECESSARILY CONTROL POINTS AND BENCH MARKS TO BE USED ON THE PROJECT.
2. OFFSET STAKES AT ALL FITTINGS, AND BENDS ALONG ALIGNMENT.
3. LOCATION OF REMOVAL LIMITS WITHIN THE PROJECT

THE CONTRACTOR WILL BE RESPONSIBLE FOR DAILY TRENCH STAKING AND CONTROL FOR THE PURPOSES OF WATER MAIN INSTALLATION BASED ON ENGINEER OFFSETS AND CONTROL. CONSTRUCTION STAKING SHALL BE INCIDENTAL TO THE ASSOCIATED ITEMS OF CONSTRUCTION.



CITY OF RAPID CITY ENGINEERING SERVICES PUBLIC WORKS DEPARTMENT



Scale 1" = 20' Designed By Drawn By Design Date Print Date Internal Job No W08-1742 Surveyed by Stacey Titus

SIXTH STREET WATER MAIN FRANKLIN ST. TO SAINT CHARLES ST. CITY OF RAPID CITY PROJECT NO. W08-1742