

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAPT34	98-00480-00-BR 03-00522-00-TL	WINNEBAGO	62	7
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

TYPICAL SECTIONS AND GENERAL NOTES

GENERAL NOTES

EXISTING STRUCTURES (INCLUDING FOUNDATIONS, WALLS, CISTERNS, WELLS OR OTHER UNDERGROUND STRUCTURES) WITHIN THE RIGHT OF WAY SHALL BE REMOVED IN ACCORDANCE WITH ARTICLE 501.04 AND 501.05 OF THE STANDARD SPECIFICATIONS, WITHOUT ADDITIONAL COMPENSATION, UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS.

THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS.

NO OVERHAUL HAS BEEN COMPUTED AND NONE SHALL BE PAID FOR FROM ANY SOURCE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS.

A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

EXISTING MAIL BOXES, STREET SIGNS AND TRAFFIC SIGNS THAT ARE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET BY THE CONTRACTOR. COST OF REMOVING AND RESETTING TO BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR EARTH EXCAVATION (SPECIAL).

ALL STREET SIGNS SHALL BE SAVAGED AND RELOCATED AS DIRECTED BY THE ENGINEER, COST INCLUDED IN COST PER CUBIC YARD OF EARTH EXCAVATION (SPECIAL).

ALL WATER MAIN, WATER SERVICES AND STORM SEWER SHALL BE INSTALLED PRIOR TO SANITARY SEWER TESTING.

SERVICE RE-CONNECTIONS MAY ONLY BE PERFORMED BY A FIRM OR INDIVIDUAL THAT IS REGISTERED AND BONDED WITH THE DISTRICT AS A PRIVATE PROPERTY PLUMBING CONTRACTOR. FORMS AVAILABLE AT DISTRICT ENGINEERING DEPARTMENT.

ALL ROADWAY AND CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS (CURRENT ADDITION), AND THE REQUIREMENTS OF THE CITY OF ROCKFORD.

ALL WATER AND SEWER MAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (CURRENT EDITION), THE REQUIREMENTS OF THE ROCK RIVER WATER RECLAMATION DISTRICT AND THE CITY OF ROCKFORD WATER DEPARTMENT.

UPON COMPLETION OF CONSTRUCTION, ALL SANITARY MANHOLE CASTINGS SHALL BE EXPOSED AND SET TO FINAL GRADE.

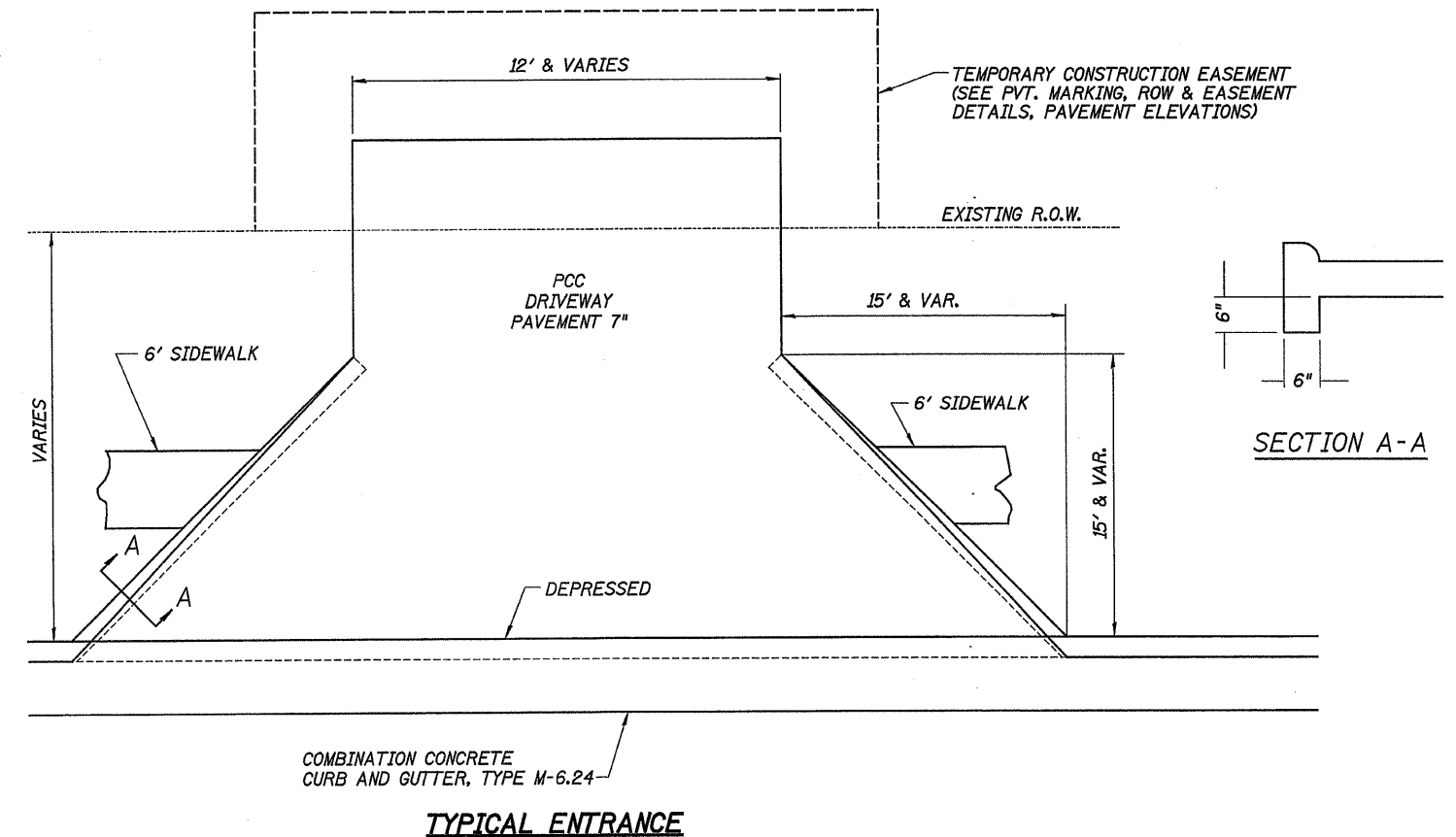
THE ROCK RIVER WATER RECLAMATION DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO CONSTRUCTION.

THE ROCK RIVER WATER RECLAMATION DISTRICT WILL FURNISH A FULL-TIME INSPECTOR FOR SANITARY WORK.

ALL PVC (SDR 35) SANITARY SEWER MAINS SHALL MEET THE REQUIREMENTS OF ASTM D-3034 WITH JOINTS CONFORMING TO ASTM D-3212. ALL PVC SANITARY SERVICES SHALL BE WATERMAIN-QUALITY (SDR 26) PIPE CONFORMING TO ASTM D-2241 WITH ASTM D-3139 JOINTS. BEDDING SHALL BE CLASS IA, ASTM D-2321-74 FOR MAINS AND SERVICES.

ALL NEW SANITARY MANHOLES MUST BE VACUUM TESTED PER ASTM C-1244.

TRENCHES MUST BE CONSTRUCTED TO GRADE OR SUBGRADE, AS APPLICABLE, BEFORE AIR AND DEFLECTION TESTS ARE PERFORMED. ALL WATERMAINS, SERVICES AND STORM SEWER MUST BE INSTALLED PRIOR TO AIR AND DEFLECTION TESTING.



TYPICAL ENTRANCE

MANHOLE ADJUSTMENTS

THE CONTRACTOR SHALL ADVISE THE ROCK RIVER WATER RECLAMATION DISTRICT PRIOR TO MANHOLE ADJUSTMENTS BEING MADE, SO THE DISTRICT MAY WITNESS THEM. THE METHOD AND AMOUNT OF ADJUSTMENT SHOULD BE NOTED ON THE PLANS. DISTRICT SPECIFICATIONS REQUIRE:

- A MINIMUM OF 4 INCHES OF ADJUSTING RINGS (4" ADJUSTMENT RING NOT REQUIRED IN TURF AREA OR CURB AND GUTTER ROADWAYS)
- A MAXIMUM OF 12" ADJUSTING RINGS
- NO MORE THAN ONE (1) 2" ADJUSTING RING PER MANHOLE
- A MAXIMUM OF 30" FROM THE TOP OF CASTING TO THE FIRST STEP
- INSTALLATION OF AN EXTERNAL MANHOLE SEAL BETWEEN THE CONE SECTION AND CASTING

MANHOLE ADJUSTMENT BY GROUTING IS NOT PERMITTED.

IF THE CASTING IS NOT A STANDARD NEENAH R-1670 OR EAST JORDAN E 1117 THE DISTRICT SUPPORTING SERVICES DEPARTMENT SHOULD BE CONTACTED PRIOR TO ADJUSTING THE MANHOLE FOR A REPLACEMENT CASTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE DISTRICT AND OF THE NEED FOR THE NEW CASTING.

SANITARY SEWERS

- WATER MAINS SHALL BE LOCATED AT LEAST TEN FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, COMBINED SEWER OR SEWER SERVICE CONNECTION.
- WATER MAINS MAY BE LOCATED CLOSER THAN TEN FEET TO A SEWER LINE WHEN:
 - LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN FEET; AND
 - THE WATER MAIN INVERT IS AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER; AND
 - THE WATER MAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER.
- WHEN IT IS POSSIBLE TO MEET (1) OR (2) ABOVE, BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, ASBESTOS-CEMENT PRESSURE PIPE, PRESTRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO WATER MAIN STANDARDS OR CONSTRUCTION. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

NEW STREET NAME SIGNS

CITY TO PROVIDE NEW SIGNS TO BE ERECTED ONTO COMBINATION MAST ARM ASSEMBLY AND POLE. THE COST TO ERECT SHALL BE INCLUDED IN THIS CONTRACT, INCLUDING ANY FASTENERS AND/OR HARDWARE TO COMPLETE THE INSTALLATION.