

THIS PROJECT INCLUDES CONSTRUCTING A NEW BRIDGE TO CARRY UMBDENSTOCK ROAD OVER CC&P RAILROAD. THE BRIDGE IS ON A NEW ALIGNMENT AND INTERSECTS WITH STEARNS ROAD AT 90 DEGREES. THERE IS A WATER MAIN AND SANITARY FORCE MAIN ON THE EXISTING BRIDGE THAT WILL BE RELOCATED TO THE PROPOSED STRUCTURE. THE WATER MAIN AND SANITARY FORCE MAIN HAVE BEEN IDENTIFIED AS FACILITIES OWNED AND OPERATED BY THE OTTER CREEK WATER RECLAMATION DISTRICT (OCWRD).

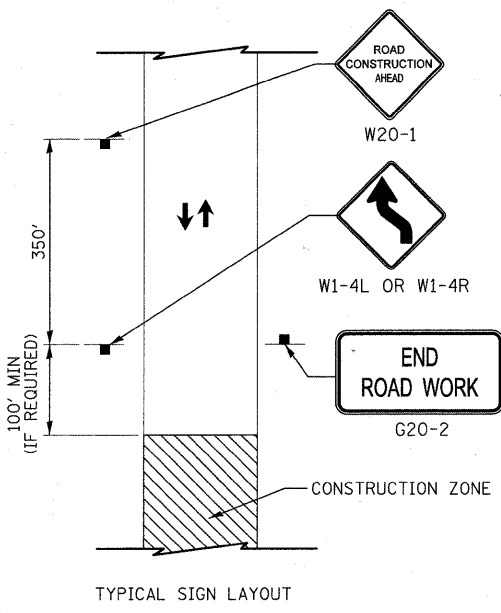
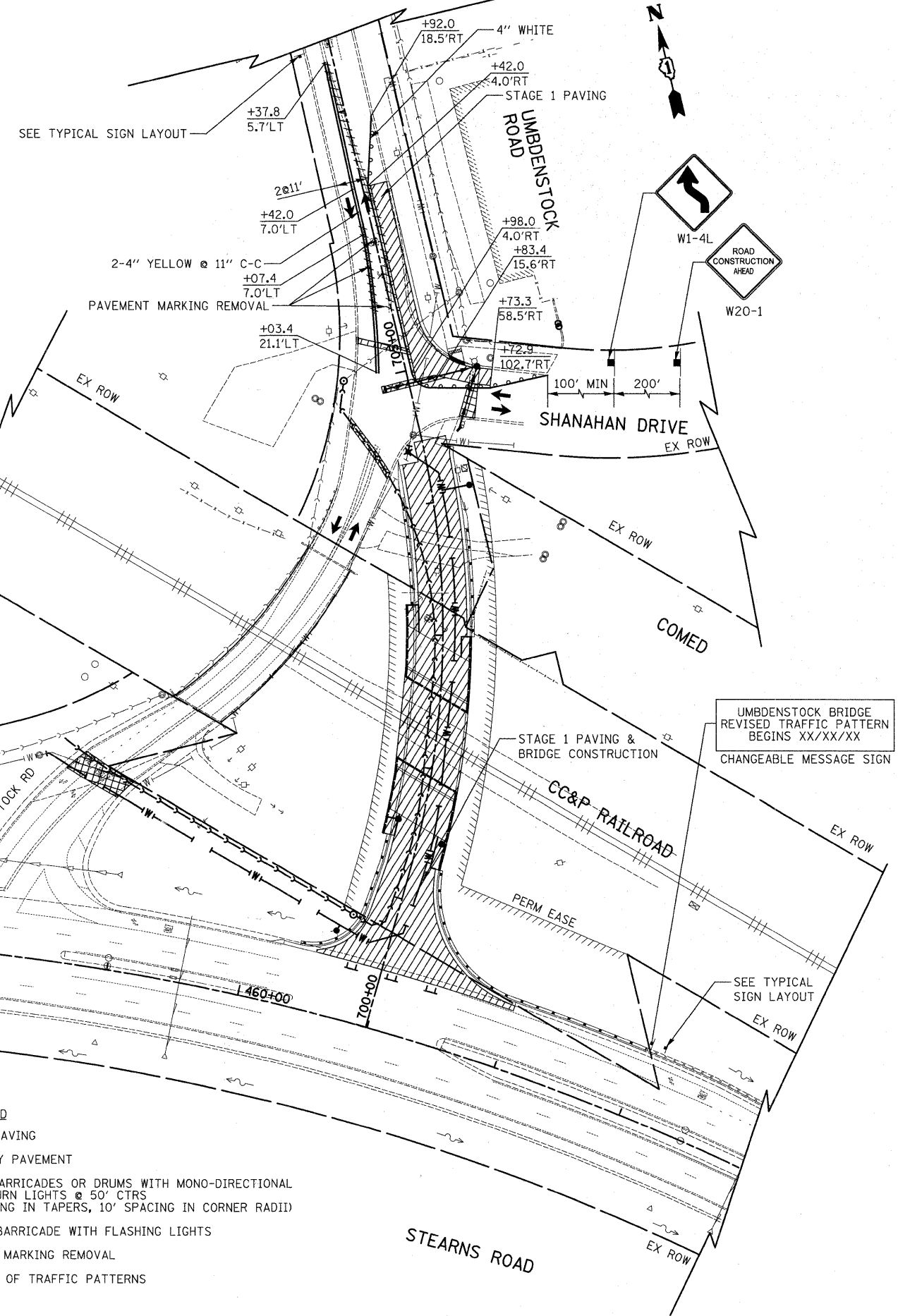
BELOW ARE THE SUGGESTED CONSTRUCTION SEQUENCE FOR RELOCATION OF BOTH THE WATER MAIN AND SANITARY FORCE MAINS:

STAGE 1 CONSTRUCT BRIDGE ACROSS CC&P RAILROAD

1. INSTALL PROPOSED WATER MAIN (WM STAGE 1)
 - A. CONSTRUCT WATER MAIN DOWN THROUGH (TEMPORARY) UMBDENSTOCK ROAD ON THE SOUTH SIDE TO INCLUDE A FIRE HYDRANT LOCATED AT NORTHWEST CORNER OF THE STEARNS ROAD INTERSECTION.
 - I. EXTEND ACROSS (TEMPORARY) UMBDENSTOCK ROAD WITH OPEN TRENCH AND TEMPORARY LANE CLOSURES.
 1. TRENCH PAVEMENT CROSSINGS REMOVED DUE TO UTILITY WORK SHALL NOT BE LEFT IN GRAVEL OVERNIGHT. TEMPORARY HOT-MIX-ASPHALT PATCHING SHALL BE USED IN LIEU OF IMMEDIATE PAVEMENT RECONSTRUCTION.
 - II. CONNECT TO EXISTING MAIN. SHUT DOWN ALLOWED - COORDINATE WITH OCWRD AND VILLAGE OF SOUTH ELGIN (VOSE)
 - B. CONSTRUCT WATER MAIN UP TO EXISTING UMBDENSTOCK ROAD ON THE NORTH SIDE.
 - I. CONNECT TO EXISTING MAIN. (SHUT DOWN ALLOWED - COORDINATE WITH OCWRD AND VOSE)
 1. CONSTRUCT NEW VALVE AND VAULT.
 - C. ABANDON EXISTING WATER MAIN BOTH SIDES (NORTH AND SOUTH OF CC&P)
 - I. CAP, PLUG, AND FILL WITH CONTROLLED LOW-STRENGTH MATERIAL (CLSM).
 2. INSTALL PROPOSED SANITARY FORCE MAIN. (SAN STAGE 1)
 - A. CONSTRUCT SEWER DOWN THROUGH (TEMPORARY) UMBDENSTOCK ROAD ON THE SOUTH SIDE.
 - I. EXTEND ACROSS (TEMPORARY) UMBDENSTOCK ROAD WITH OPEN TRENCH AND TEMPORARY LANE CLOSURES.
 1. TRENCH PAVEMENT CROSSINGS REMOVED DUE TO UTILITY WORK SHALL NOT BE LEFT IN GRAVEL OVERNIGHT. TEMPORARY HOT-MIX-ASPHALT PATCHING SHALL BE USED IN LIEU OF IMMEDIATE PAVEMENT RECONSTRUCTION.
 - II. STOP SHORT OF CONNECTION POINT.
 - B. CONSTRUCT FORCE MAIN UP THROUGH EXISTING UMBDENSTOCK ROAD ON THE NORTH SIDE.
 - I. EXTEND ACROSS UMBDENSTOCK ROAD WITH OPEN TRENCH AND TEMPORARY LANE CLOSURES.
 1. TRENCH PAVEMENT CROSSINGS REMOVED DUE TO UTILITY WORK SHALL NOT BE LEFT IN GRAVEL OVERNIGHT. TEMPORARY HOT-MIX-ASPHALT PATCHING SHALL BE USED IN LIEU OF IMMEDIATE PAVEMENT RECONSTRUCTION.
 - II. CONSTRUCT NEW MANHOLE AROUND EXISTING PIPE.
 1. CONNECT PROPOSED SANITARY SEWER TO MANHOLE.
 2. BREAK IN CONNECTION TO THE EXISTING SANITARY PIPE WITHIN MANHOLE.

NOTE:

1. ALL PAVEMENT MARKINGS ON FINAL PAVEMENT SHALL BE TYPE III TAPE, OTHERWISE ALL PAVEMENT MARKINGS WILL BE TEMPORARY PAVEMENT MARKINGS.
2. ALL DIAMOND SHAPE CONSTRUCTION WARNING SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.



UMB DENSTOCK BRIDGE REVISED TRAFFIC PATTERN BEGINS XX/XX/XX
CHANGEABLE MESSAGE SIGN

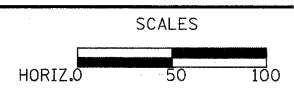
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DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - RTM	REVISED -
DATE - 3/25/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



STAGES OF CONSTRUCTION - STAGE 1

SHEET NO. 1 OF 3 SHEETS STA. 700+44.8 TO STA. 706+42.0

F.A.P. RTE. 361	SECTION 06-00214-27-BR	COUNTY KANE	TOTAL SHEETS 87	SHEET NO. 17
CONTRACT NO. 63595				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				