5

Section No. 2 Section No. 3

Section No. 1

ORDER OF SHEETS

Typical Sections and Details Estimate of Quantities Section No. 3 Miscellaneous Quantities Section No. 4 Right of Way Plat

Section No. 5 Plan and Profile Section No. 6 Standard Detail Drawings Section No. 7 Sign Plates

Structure Plans Section No. 8

Section No. 9 Computer Earthwork Data

Section No. 9 Cross Sections

TOTAL SHEETS =

DESIGN DESIGNATION 5163-09-00

A.A.D.T. 2017 = 6700 A.A.D.T. 2040 = 7800 D₄H₄V₄ = 1217 D.D. = 60/40 = 15.6% DESIGN SPEED = 60 MPH = 2,600,000 ESALS

CONVENTIONAL SYMBOLS

PLAN CORPORATE LIMITS PROPERTY LINE LOT LINE LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

(Box or Pipe)

PROPOSED CULVERT

COMBUSTIBLE FLUIDS MARSH AREA

WOODED OR SHRUB AREA

PROFILE 1////// GRADE LINE ORIGINAL GROUND MARSH OR ROCK PROFILE (To be noted as such) SPECIAL DITCH GRADE ELEVATION CULVERT (Profile View) UTILITIES ELECTRIC FIBER OPTIC GAS

WATER

SANITARY SEWER STORM SEWER TELEPHONE UTILITY PEDESTAL POWER POLE ₫ Ø TELEPHONE POLE

END PROJECT 5163-09-71

BEGIN PROJECT 5163-09-71

STATION 912+64

X = 614723.533Y = 185978.044

STATION 595+00

X = 611967.769Y = 154485.133

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

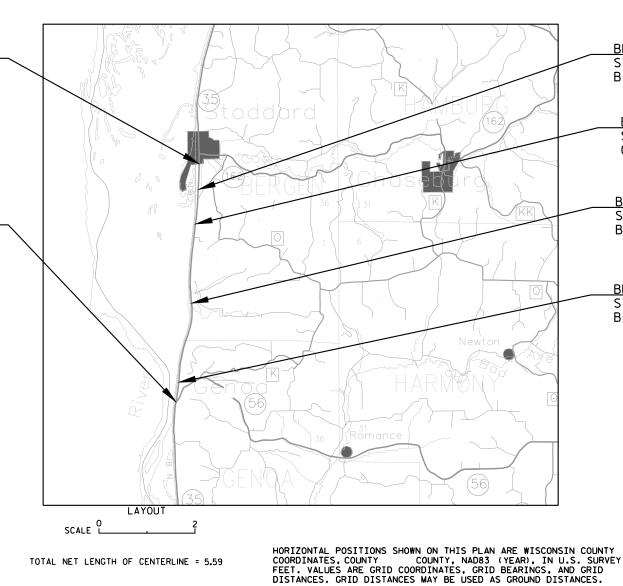
PLAN OF PROPOSED IMPROVEMENT

GENOA - STODDARD

STH 56 TO SOUTH V LIMITS STODDARD

STH 35 VERNON

STATE PROJECT NUMBER 5163-09-71



BRIDGE REPLACEMENT STATION 878+09 TO 881+41 B-62-124 (LENGTH 332.5 FT)

STATE PROJECT

5163-09-71

BOX CULVERT REPLACEMENT STATION 841+75 C-62-36

BRIDGE REPLACEMENT STATION 730+98 TO 732+02 B-62-125 (LENGTH 104.2 FT)

BRIDGE REPLACEMENT STATION 619+48 TO 620+52 B-62-126 (LENGTH 104.2 FT)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT

CONTRACT

PROJECT

PREPARED BY SURVEYOR Surveyor TOM OLDENBURG Designer PROJECT DAN KLEINERTZ Project Manager REGIONAL EXAMINER JOSEPH GREGAS

APPROVED FOR THE DEPARTMENT

(Signature)

Ε

Structure B-62-9 (Coon Creek)

This structure will be completely replaced. STH 35 will be closed to traffic during construction while the structure is being replaced. Preliminary design is calling for a 5-span structure similar to the existing 5-span structure except the structure will utilize concrete girders instead of steel girders. The structure will be widened from 28-ft to 44-ft in width.

Structure B-62-15 (Genoa Creek)

This structure will be completely replaced. STH 35 will be closed to traffic during construction while the structure is being replaced. Preliminary plans call for a 3-span haunch slab structure with two pier locations similar to the existing structure. The structure to be widened from 28-ft to 44-ft in width.

Structure B-62-16 (Spring Coulee Creek)

This structure will be completely replaced. This structure will be constructed in 2-stages, with half the structure being done at a time. STH 35 will be reduced to one lane of traffic over the existing structure at time for each stage and will be regulated by a temporary traffic signal. Preliminary plans call for a 3-span haunch slab structure with two pier locations similar to the existing structure. The structure to be widened from 28-ft to 44-ft in width.

All three structures will require a containment system for catchment of debris during construction.

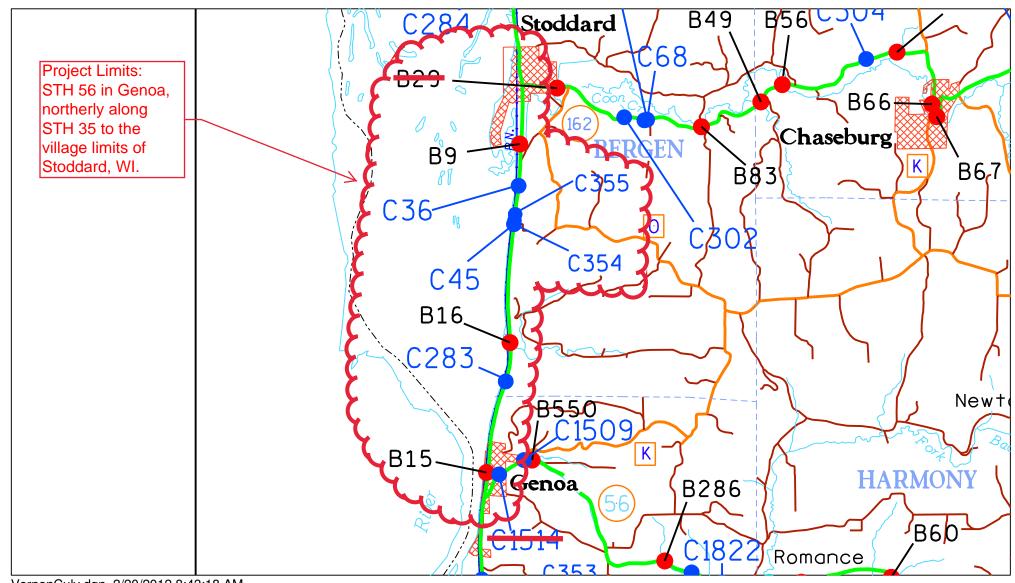
Structure C-62-36 (Dry Run)

This is an existing bridge type structure over an existing dry run that conveys run off from the nearby bluffs. This structure is part timber/steel and concrete and has out lived its life. It will be replaced with a new concrete box culvert. It is anticipated that this new box culvert will be a single cell structure.

C-62-355 / C-62-354 / C-62-45 / C-62-283 (Dry Run Culverts)

These four large culverts will remain in place with minor maintenance to the structures. All four structures convey runoff from the nearby bluffs during rain events and spring snow melt. These structures are all 60-inches in diameter or smaller.

In addition to these structures there are 32 cross drains located at various locations along STH 35 that convey drainage water to the Mississippi River. These drainage pipes are 24-30 inches in diameter. These pipes will be replaced with the project.



VernonCulv.dgn 2/20/2012 8:43:18 AM







Next 3 photos, Looking East from B-62-09 at Coon Creek (Upstream) from on structure.



Upstream North Bank – Coon Creek looking East.



Upstream (Center) – Coon Creek looking East.



Coon Creek – Down Stream Looking West



North Bank of Coon Creek – Down Stream Looking West















C-62-36 Feb. 20, 2012







East Side



West Side



Spalling

Feb. 20, 2012 C-62-355



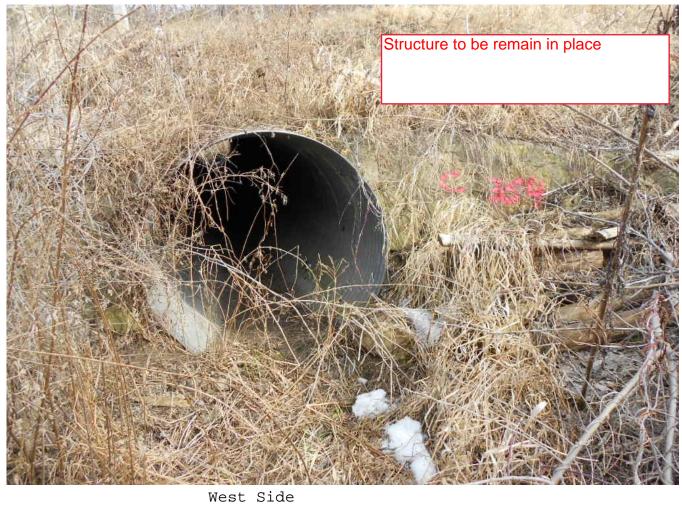
East Side



Feb. 20, 2012 C-62-354



East Side





East Side



West Side

C-62-283 Feb 20, 2012



East Side



West Side