ESALS

ORDER OF SHEETS Section No. 1 Section No. 2 Section No. 3

Typical Sections and Details Estimate of Quantities

Section No. 3 Miscellaneous Quantities Section No. 4 Right of Way Plat

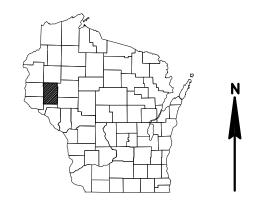
Section No. 5 Plan and Profile Section No. 6 Standard Detail Drawings

Section No. 7 Section No. 8 Structure Plans

Section No. 9 Computer Earthwork Data

Section No. 9 Cross Sections

TOTAL SHEETS =



= 150,000

DESIGN DESIGNATION

A.A.D.T. 2018 = 1900 A.A.D.T. 2038 = 2400 D-H-V-= 72 = 60/40 = 3.6% DESIGN SPEED = 60 MPH

CONVENTIONAL SYMBOLS

PI AN 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 PROPOSED CULVERT (Box or Pipe)

COMBUSTIBLE FLUIDS

WOODED OR SHRUB AREA

MARSH AREA

(To be noted as such) SPECIAL DITCH GRADE ELEVATION CULVERT (Profile View) UTILITIES ELECTRIC FIBER OPTIC SANITARY SEWER STORM SEWER TELEPHONE

UTILITY PEDESTAL

TELEPHONE POLE

POWER POLE

PROFILE

GRADE LINE

ORIGINAL GROUND

MARSH OR ROCK PROFILE

BEGIN PROJECT 8949-05-72

STATION 71+00

X = 114470.821

Y = 198135.762

₫ Ø

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

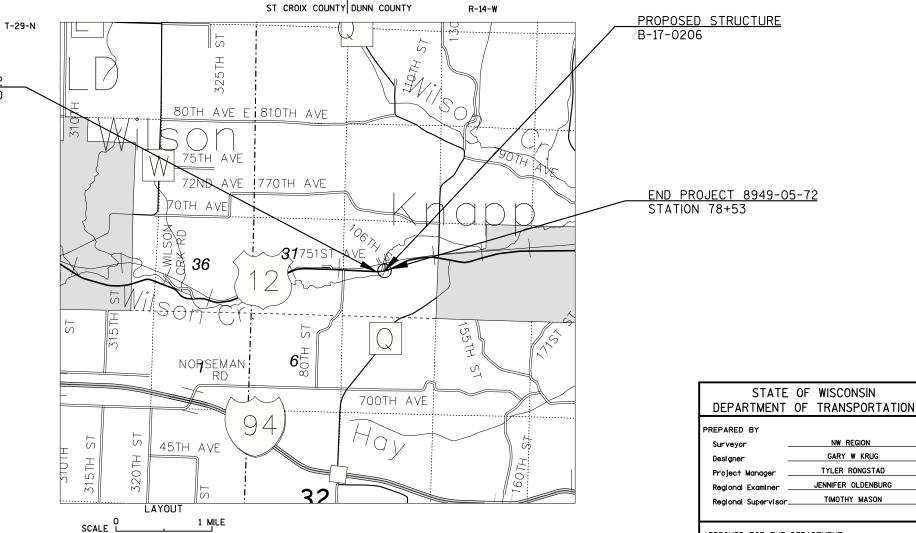
BALDWIN - MENOMONIE

WILSON CREEK BRIDGE B-17-0206

USH 12

DUNN COUNTY

STATE PROJECT NUMBER 8949-05-72



NW REGION Surveyor GARY W KRUG TYLER RONGSTAD JENNIFER OLDENBURG TIMOTHY MASON APPROVED FOR THE DEPARTMENT

STATE OF WISCONSIN

FEDERAL PROJECT

CONTRACT

PROJECT

STATE PROJECT

8949-05-72

(Slanature)

PLOT DATE: 3/20/2018 12:52 PM

TOTAL NET LENGTH OF CENTERLINE = 0.143

PLOT BY : KRUG, GARY W

PLOT NAME :

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY

COORDINATES, DUNN COUNTY, NAD83 (YEAR), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

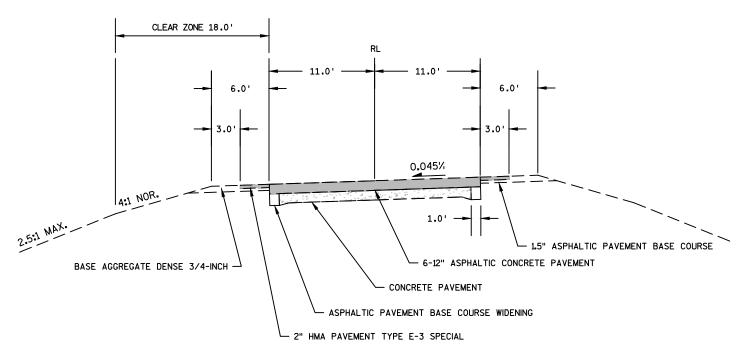
WISDOT/CADDS SHEET 10

Ε

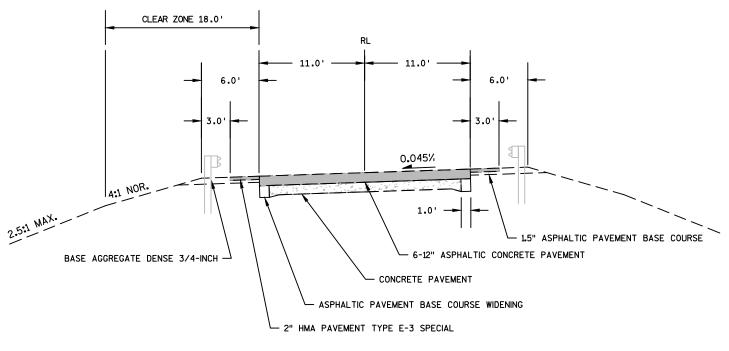
FILE NAME : N:\PDS\C3D\89490502 WILSON CREEK\SHEETSPLAN\010101_TI.DWG LAYOUT NAME - ****



WISDOT/CADDS SHEET 42

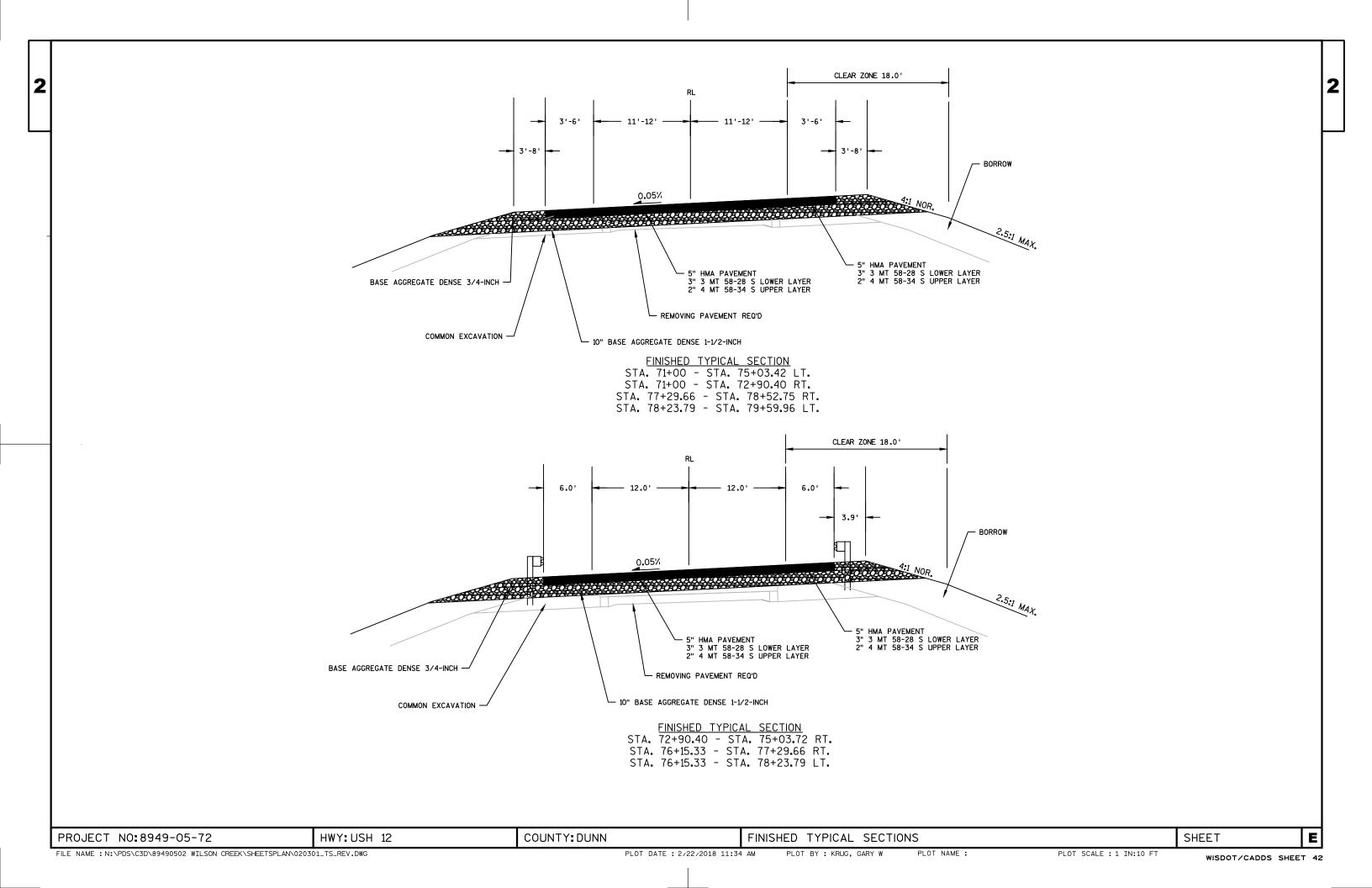


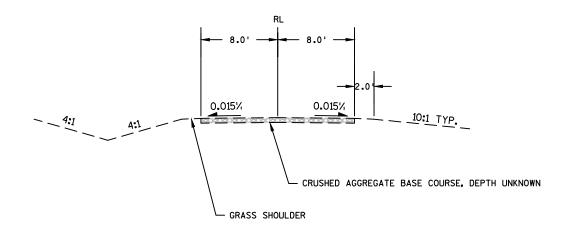
EXISTING TYPICAL SECTION STA. 71+00 - STA. 74+11.95 STA. 75+07.05 - STA. 78+53



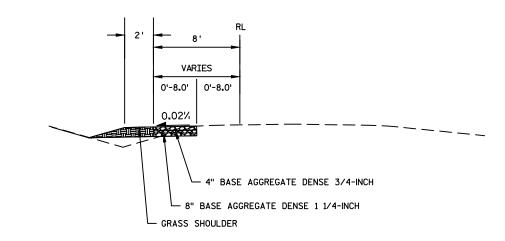
EXISTING TYPICAL SECTION STA. 74+11.95 - STA. 75+07.05 STA. 76+10.91 - STA. 77+29.66

HWY: USH 12 COUNTY: DUNN SHEET E PROJECT NO:8949-05-72 EXISTING TYPICAL SECTIONS PLOT DATE : 2/22/2018 11:33 AM PLOT BY : KRUG, GARY W PLOT SCALE : 1 IN:10 FT

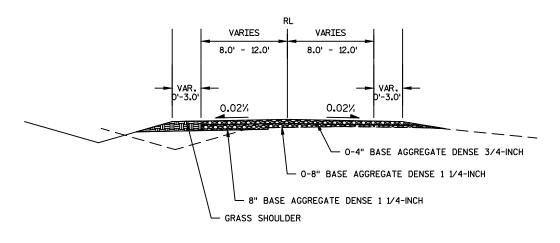




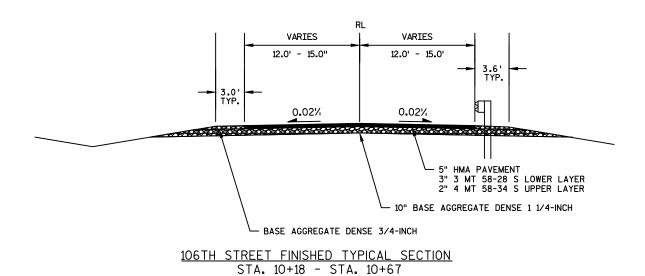
106TH STREET EXISTING TYPICAL SECTION



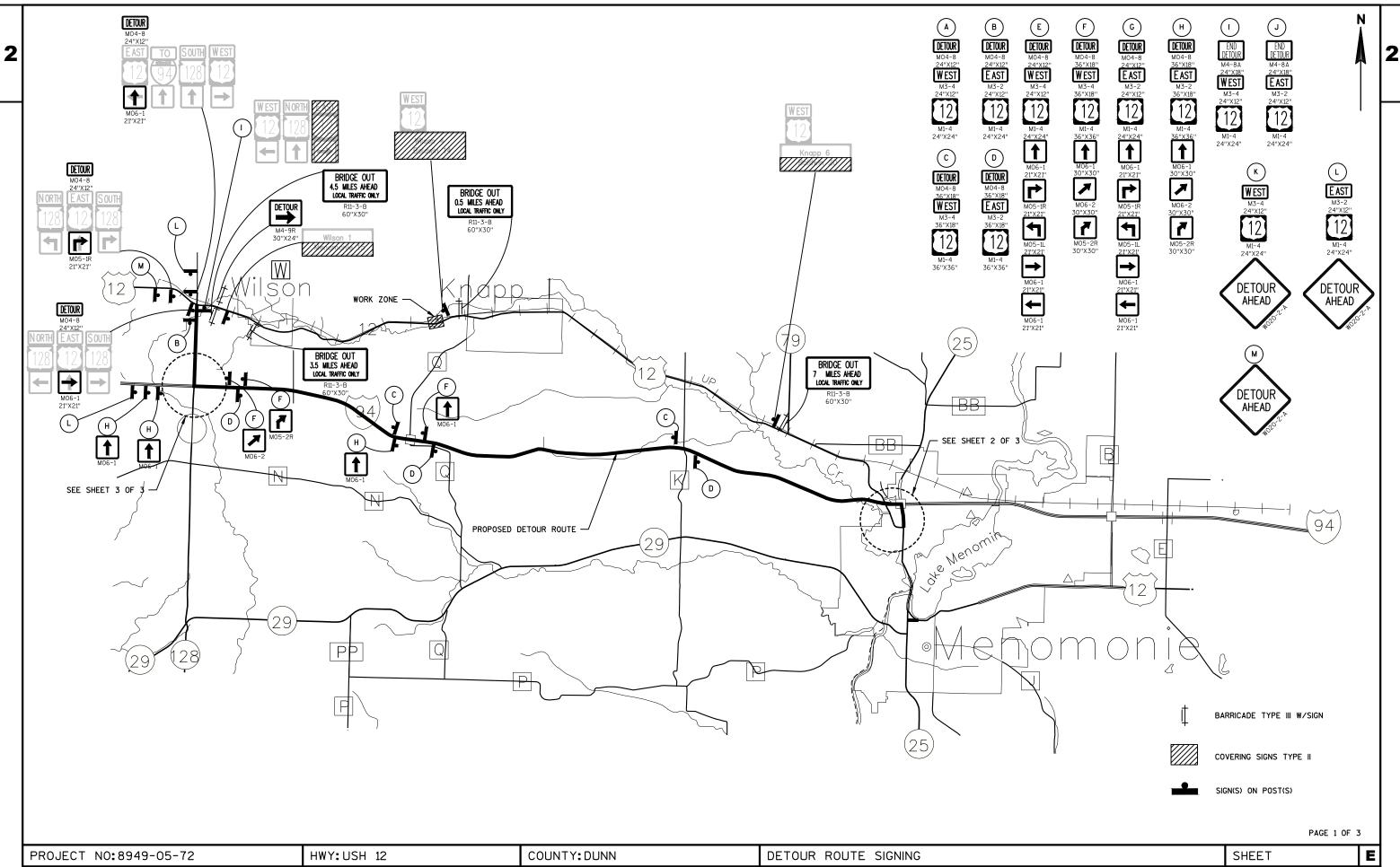
106TH STREET FINISHED TYPICAL SECTION STA. 11+74 - STA. 12+97.38

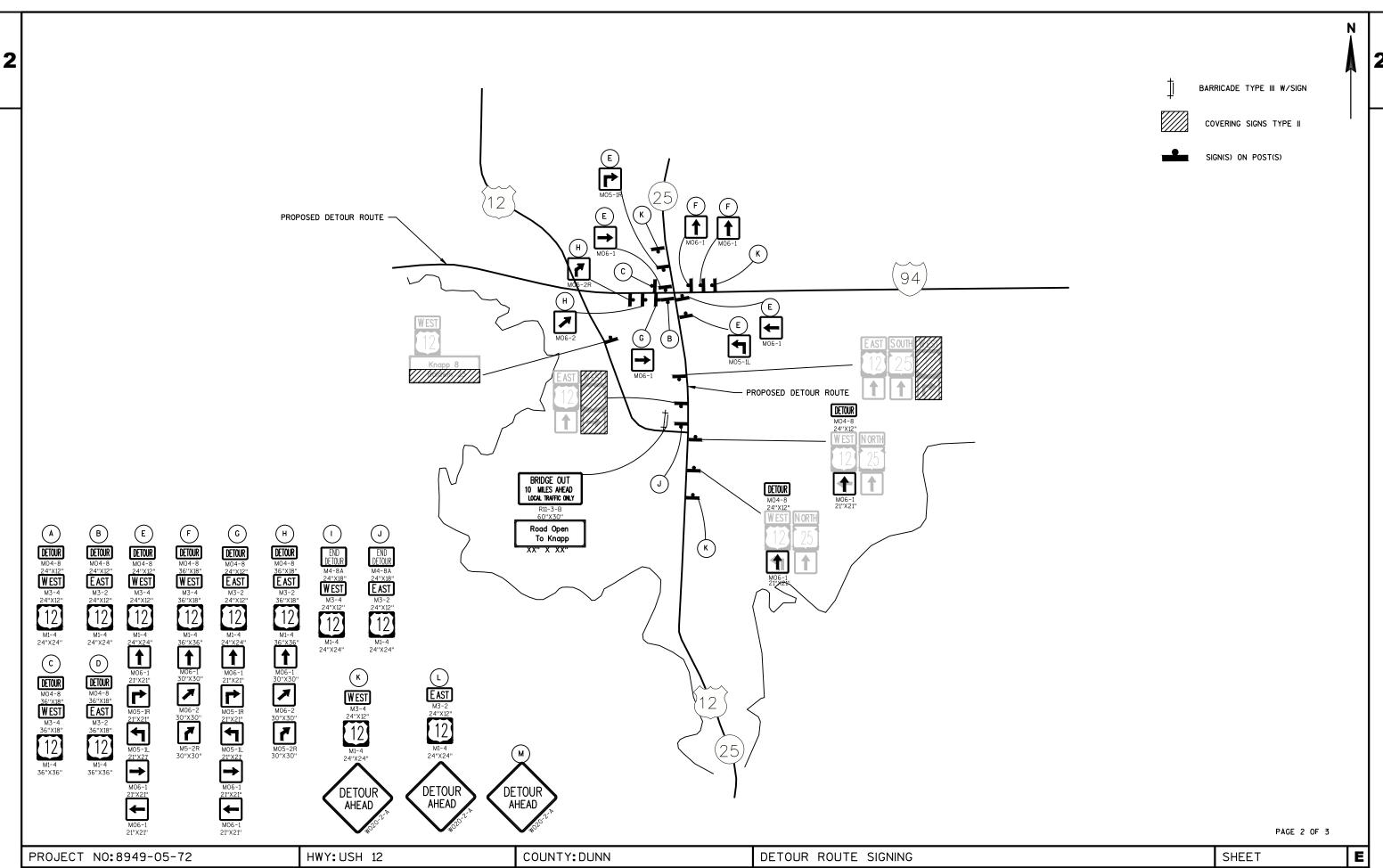


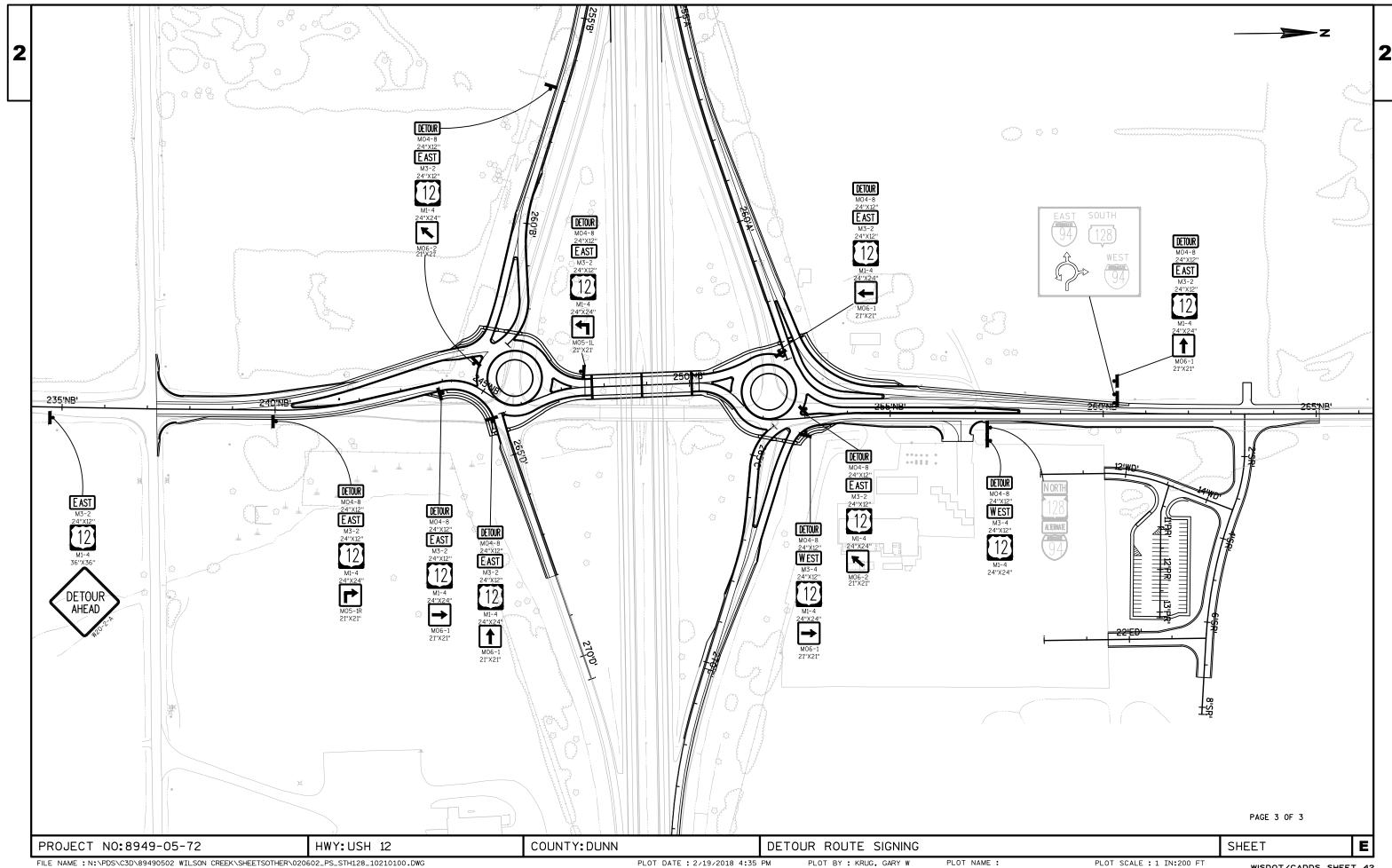
106TH STREET FINISHED TYPICAL SECTION STA. 10+67 - STA. 11+74

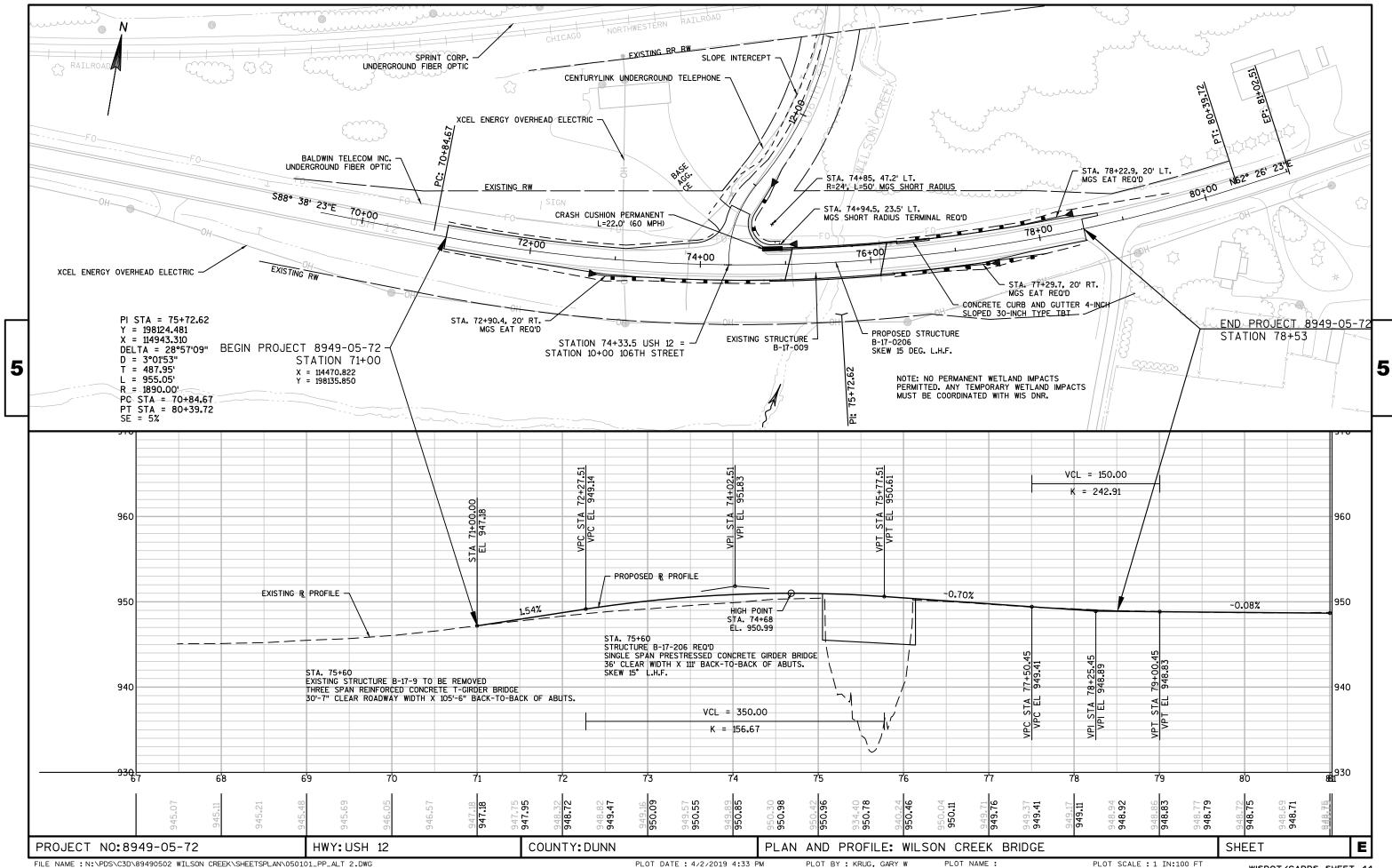


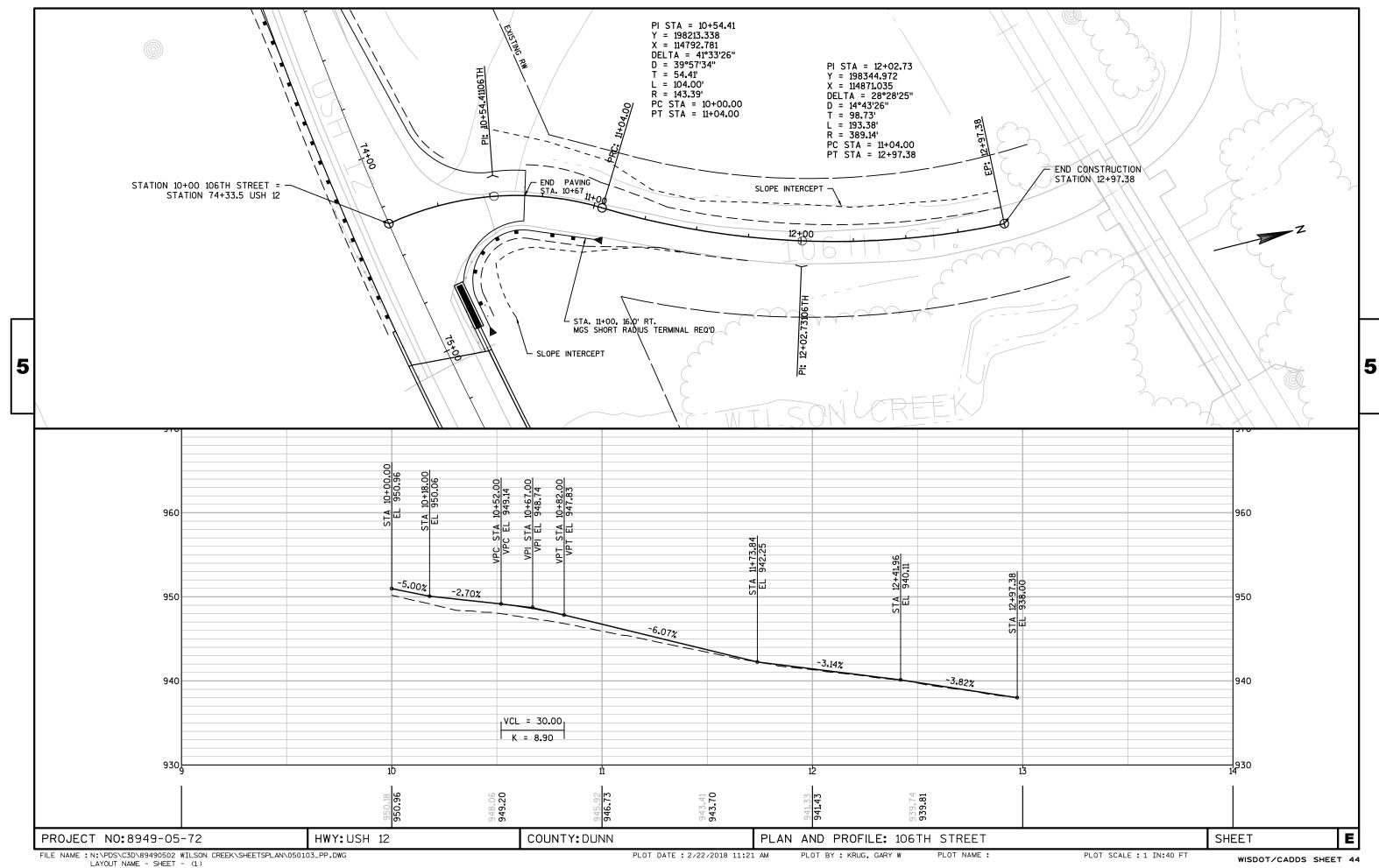
PROJECT NO:8949-05-72 HWY:USH 12 COUNTY:DUNN EXISTING/FINISHED TYPICAL SECTIONS 106TH STREET SHEET **E**

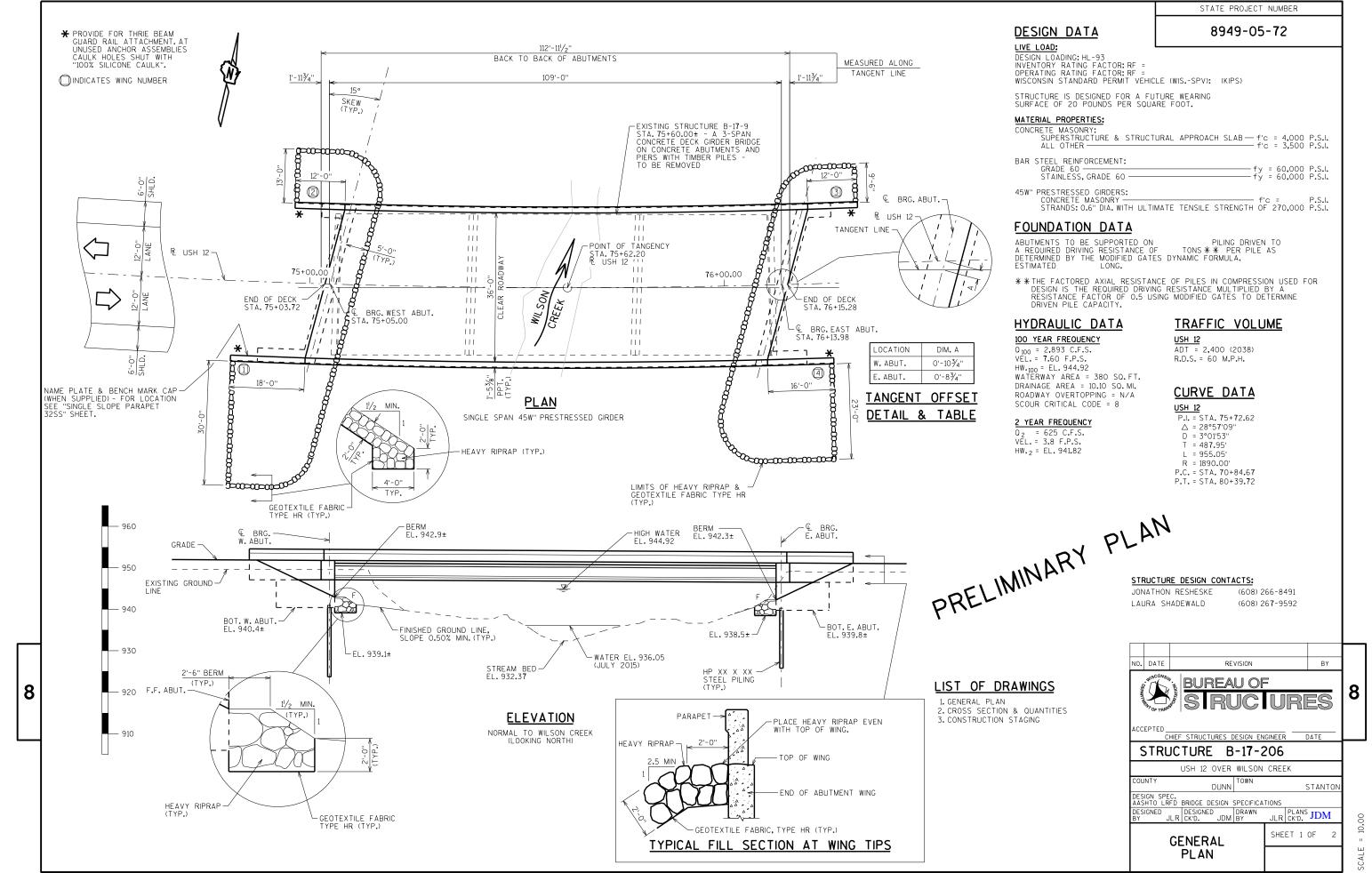












GENERAL NOTES

8949-05-72

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ "UNLESS OTHERWISE NOTED.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

EXCAVATION BELOW THE ABUTMENT AND USE OF ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL GEOTEXTILE SHALL BE SET AT THE BOTTOM OF EXCAVATION AND EXTEND 2'-O" ABOVE BOTTOM OF ABUTMENT.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN

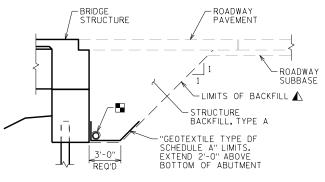
ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF DECK AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT DIAPHRAGMS.

PIGMENTED PROTECTIVE SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY RIPRAP_AND GEOTEXTILE TYPE "HR" TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS.

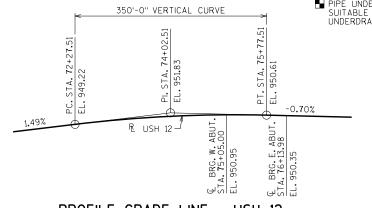
THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "45W PRESTRESSED GIRDER DETAILS 2" SHEET.



TYPICAL SECTION THRU ABUTMENT

(A1 ABUTMENT WITHOUT STRUCTURAL APPROACH)

- ⚠ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES, LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.
- PIPE UNDERDRAIN WRAPPED (6 INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.



- TOP OF BERM

PROFILE GRADE LINE - USH 12

NO. DATE BY REVISION STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION STRUCTURE B-17-206 JLR PLANS JDM

SHEET 2 CROSS SECTION & QUANTITIES

38'-103/4" OUT-TO-OUT OF SUPERSTRUCTURE 36'-0" MEASURED ALONG CLEAR ROADWAY WIDTH

> SHLD. LANE LANE -R USH 12 VARIES

- TANGENT LINE - TANGENT TO USH 12 @ STA. 75+62.20 POINT REFERRED -TO ON PROFILE GRADE LINE.

SINGLE SLOPE PARAPET 42SS, SEE "SINGLE SLOPE PARAPET 42SS" SHEET FOR DETAILS. (TYP.) 5.0% 45W" PRESTRESSED

7 3 3 SPA.@ 5'-6" = 16'-6" 2 SPA.@ 5'-6" = 11'-0"

6'-0'

SHLD.

- BOT. OF ABUT.

38'-6" OUT-TO-OUT OF DECK

SECTION THRU ROADWAY

(LOOKING UPSTATION)

TOTAL ESTIMATED QUANTITIES

RADIAL LINES

GIRDER (TYP.)

8

OVERHANG

VARIES (TYP.)

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST ABUT.	EAST ABUT.	TOTALS
203.0600.S	REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS STA. 75+60.00±	LS				1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-17-206	LS				1
210.1500	BACKFILL STRUCTURE TYPE A	TON				
502.0100	CONCRETE MASONRY BRIDGES	CY				
502.3200	PROTECTIVE SURFACE TREATMENT	SY				
502.3210	PIGMENTED SURFACE SEALER	SY				
503.0146	PRESTRESSED GIRDER TYPE I 45W-INCH	LF				
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB				
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB				
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH				
506.4000	STEEL DIAPHRAGMS B-17-206	EACH				
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY				
550.11XX	PILING STEEL HP 1X-INCH X XX LB	LF				
606.0300	RIPRAP HEAVY	CY				
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF				
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH				
645.0120	GEOTEXTILE TYPE HR	SY				
	NON-BID ITEMS					
	BRIDGE SEAT PROTECTION	L.S.				1
	FILLER	SIZE				1/2", 3/4"