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Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	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

Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork

Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =

ORDER OF SHEETS

DESIGN DESIGNATION

A.A.D.T.	=
A.A.D.T.	=
D.H.V.	=
D.D.	=
Т.	=
DESIGN SPEED	=
ESALS	=

CONVENTIONAL SYMBOLS

CONTENTION		
<u>PLAN</u> CORPORATE LIMITS		<u>'//////</u> .
PROPERTY LINE		
LOT LINE LIMITED HIGHWAY E EXISTING RIGHT OF V	ASEMENT VAY	L
SLOPE INTERCEPT	R/W LINE	300'EB'
EXISTING CULVERT PROPOSED CULVERT (Box or Pipe)		·
COMBUSTIBLE FLUID	S	-CAUTION-
MARSH AREA		
	ΔRFΔ	ξ

	PROFILE
<u>Z</u>	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
	SANITARY SEWER
>	STORM SEWER
	TELEPHONE
5	WATER
/	UTILITY PEDESTAL
ĥ	POWER POLE
3	TELEPHONE POLE

LABEL

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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

SPARTA - WILTON

LIGNITE ROAD TO LIMA ROAD

STH 71 MONROE

STATE PROJECT NUMBER 5510-00-62



FILE NAME : N:\PDS\C3D\55100032\SHEETSPLAN\010101_TI.DWG

	FEDERAL PROJECT		
STATE PROJECT	PROJECT	CONTRACT	
5510-00-62			

PROJECT 5510-00-62 LOCATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION PREPARED BY Surveyor

WISDOT BRANDYN MECUM BRIAN MEYER Project Manage SW REGION Regional Examiner JIM SAVOLDELLI Regional Superviso

PPROVED FOR THE DEPARTMENT 10-1-2018

Designer

ATE:

(Signature)

E



PLOT BY : MECUM, BRANDYN W PLOT NAME :

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WISDOT/CADDS SHEET 44

GENERAL NOTES

(1) W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS. APPROVED PLASTIC BLOCKOUT DESIGNS MAY VARY FROM THIS TYPICAL DETAIL WHEN USED IN CONJUNCTION WITH STEEL POSTS.

DO NOT MIX STEEL POSTS AND WOOD POSTS IN A SINGLE INSTALLATION.

- (2) USE STRUCTURAL STEEL POSTS CONFORMING TO ASTM A 36. GALVANIZED POSTS ACCORDING TO AASHTO M 111. EITHER SET THE POSTS IN DRILLED HOLES OR DRIVE TO GRADE. REMOVE MUSHROOMING CAUSED BY DRIVING AND REPAIR DAMAGED SPELTER COATING ON GALVANIZED POSTS.
- (3) INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.
- (4) USE EITHER WOOD OR APPROVED PLASTIC BLOCKOUTS ON WOOD POSTS.
- (5) IF THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING, W BEAM (LHW).
- (6) IF ROCK IS ENCOUNTERED DURING EXCAVATION, THE ENGINEER MAY APPROVE USING A 12 INCH DIAMETER POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE APPROXIMATELY 21/2 INCHES DEEP. CUT THE POSTS TO LENGTH AND PLACE IN YHE HOLE. BACKFILL WITH MATERIAL EXCAVATED FROM THE HOLE AND COMPACT ADEQUATEY.
- WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE (7)NAILS OVER THE FLANGE OF THE STEEL POST.

INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.

3'-6" MIN

END VIEW

STEEL POST & NOTCHED

PLASTIC BLOCKOUT ALTERNATIVE

STANDARD INSTALLATION





END VIEW

LONGER POST AT HALF

(LHW)

TYPICAL INSTALLATION OF STEEL PLATE BEAM GUARD

POST SPACING W BEAM





END VIEW



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STEEL PLATE BEAM GUARD, CLASS "A", **INSTALLATION & ELEMENTS**

DEPARTMENT OF TRANSPORTATION

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DETAIL FOR DOUBLE BLOCKS

THE NUMBER OF DOUBLE BLOCK POSTS WITHIN A BARRIER RUN IS UNLIMITED



DETAIL FOR TRIPLE BLOCKS

TRIPLE BLOCK DETAIL IS LIMITED TO ONE LOCATION WITHIN A BEAM GUARD RUN.

USE DOUBLE OR TRIPLE BLOCKS WHEN UNDERGROUND OBSTACLES NOTES: PREVENT THE POST FROM BEING INSTALLED.

DO NOT USE EXTRA BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.



PLAN VIEW BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION

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STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION APPROVED June 2017 /S/ Rodney Taylor ROADWAY STANDARDS DEVELOPMENT DATE UNIT SUPERVISOR

FHWA

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