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Kinlanshis\930532TS.don. See 10, 2007 BMaxwell

## UTILITIES

BURIED TELEPHONE: VERIZON ATTN: DENNIS BATES

ATTN: DENNIS BATES 100 COMMUNICATIONS DRIVE SUN PRAIRIE, WI 53590 PHONE: 608-857-1405

BURIED FIBER OPTIC: AT&T ATTN: CARL DONAHUE 866 ROCKCREEK ROAD PLANO, IL 60545

PHONE: 847-420-9115 OVERHEAD ELECTRIC: ALLIANT ENERGY

ATTN: GARY QUADE P.O. BOX 769 DUBLIQUE, IA 52004-0769 PHONE: 563-584-7395

\* - NOT A MEMBER OF DIGGERS HOTLINE.



Toll Free (800) 242-8511 Milwaukee Area (414) 259-1181 Hearing Impaired TDD (800) 542-2289 www.DiggersHotline.com



DEPARTMENT OF NATURAL RESOURCES ATTN.: ANTHONY FISCHER 473 CRIFFITH DRIVE WISCONSIN RAPIDS, WI54494 PHONE: 715-421-7867 MSA PROFESSIONAL SERVICES, INC. ATTN.: QUIRIN R. KLINK P.E. 1230 SOUTH BOULEVARD BARABOO, WI 53913

DNR LIAISON

#### CITY OF MAUSTON CONTACT

ROB NELSON, DFW 303 MANSION STREET MAUSTON, WI53948 PHONE: 608-847-6676

PHONE: 608-355-8965

### GENERAL NOTES

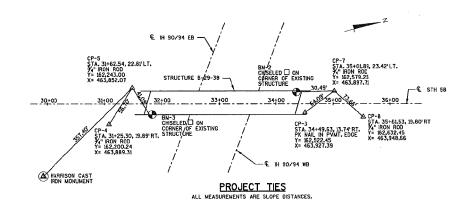
DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER PONTS SHALL BE FERTLIZED, SEEDED AND MULCHED AS DIRECTED BY THE ENNIFER, OVERSOM PERMANENT SEEDING AREAS WITH TENPORARY SEED AT LS LGS, PER NOON SOUARE FEET.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE AREA THAT ARE NOT SHOWN.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO A U.S.G.S. ELEVATION ON A WISDOT BRASS DISK ON STRUCTURE B-29-36 (IH 90/94 EB OVER CTH G), ELEV. 904.42.

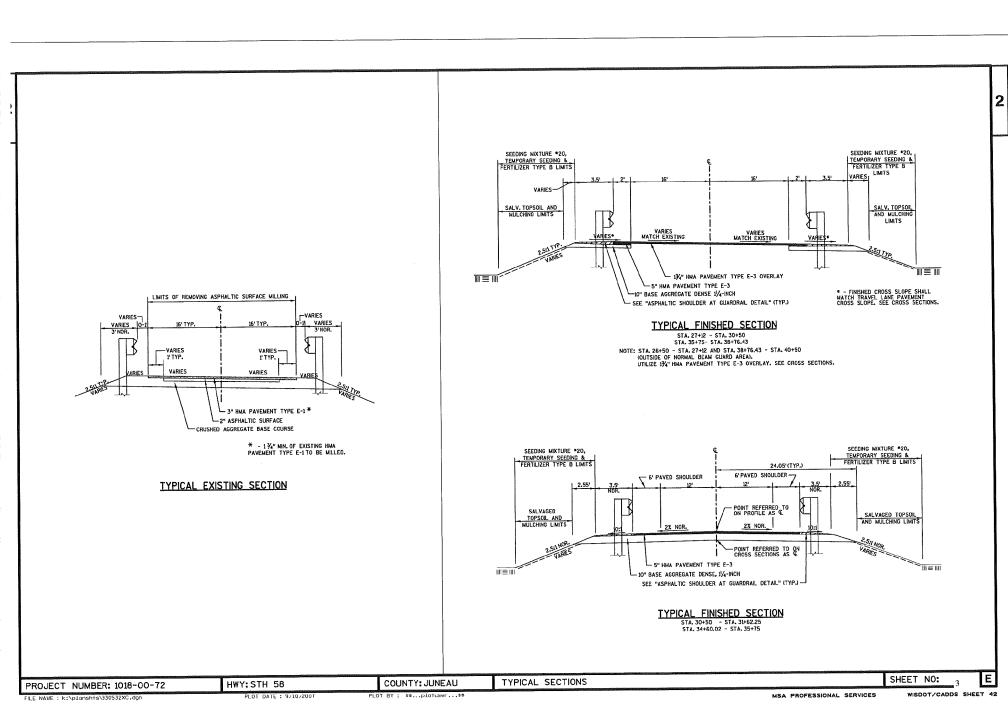
THE 5" HWA PAVEMENT TYPE E-3 SHALL CONSIST OF A  $2^{\prime}\!/_{2}"$  UPPER LAYER AND A  $2^{\prime}\!/_{2}"$  LOWER LAYER. THE  ${}^{\prime}\!/_{2}"$  HMA PAVEMENT TYPE E-3 OVERLAY SHALL CONSIST OF A SINGLE LAYER. SILT FENCE SHALL BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER AND IN PLACE PRIOR TO BRIDGE REMOVAL.



	RU	NOFF COEFFICIENT T	ABLE	
		HYDROLOGIC	SOIL TABLE	
	A	8	C	0
	SLOPE RANGE X	SLOPE RANGE X	SLOPE RANGE X	SLOPE RANGE X
LAND USE:	6 & OVER	6 & OVER	6 & OVER	6 & OVER
SIDE SLOPE- TURF	.25 .32	.27 .34	.28 .36	.30 .38
PAVEMENT:				
ASPHALT		.70	95	
CONCRETE		.80	95	
GRAVEL ROADS, SHOULDERS	.4060			

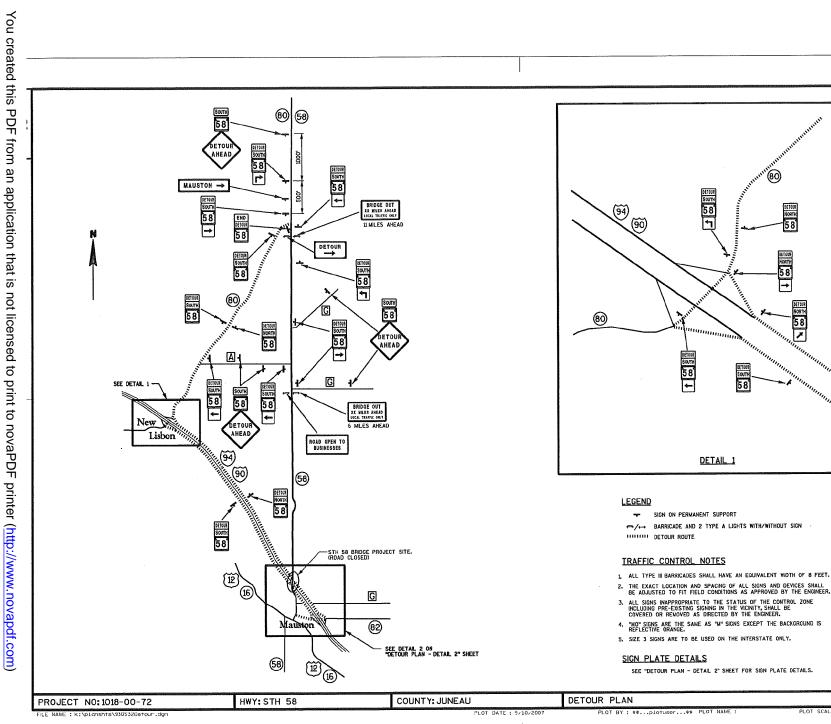
THE RUNOFF COEFFICIENTS OF SURFACE DRAINAGE AT THE PROJECT SITES WILL NOT BE CHANGED FROM BEFORE TO AFTER CONSTRUCTION. THE TOTAL AREA OF THE PROJECT IS BATLACKES. THE TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITES IS 2.6.3 AGRES.

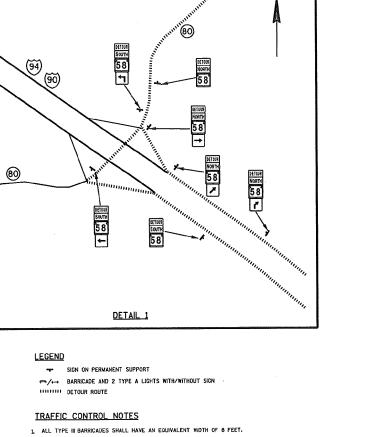
PROJECT NUMBER: 1018-00-72	HWY:STH 58	COUNTY: JUNEAU	UTILITIES, GEN. NOTES, S.D.D. & PROJECT TIES	SHEET NO: 2	E
FILE NAME : k:\planshts\930532N0.dgn	PLOT DATE : 9/10/2007 PL	_OT BY : \$\$platuser\$\$	MSA PROFESSIONAL SER	VICES WISDOT/CADDS SHE	ET 42



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	juli and the second sec	VARIES A	EDGE OF BASE AGGREGATE DENSE 1/4-INCH SHOULDER EDGE OF PAVEO SHOULDER 4'PAVED SHOULDER 4'PAVED SHOULDER 5TRUCTURE 8-29-36 C STH 58	
	RAKE TO Z'BEHINO BEA GUARO, COMPACITON REQUIREO, FINAL PASS (	M J LAL L 10" BASE AGGREGATE DENSE 1/4-INCH	and a sin as	
		SECTION A-A THRU BEAM GUARD	PLAN VIEW	
	<b>A</b>	- FINISHED CROSS SLOPE SHALL MATCH TRAVEL LANE PAVEMENT CROSS SLOPE, SEE CROSS SECTIONS.	HOULDER AT GUARDRAIL DETAIL	
sus F	PROJECT NUMBER: 1018-00-72 HWY: STH 58	COUNTY: JUNEAU	DETAILS	SHEET NO: A



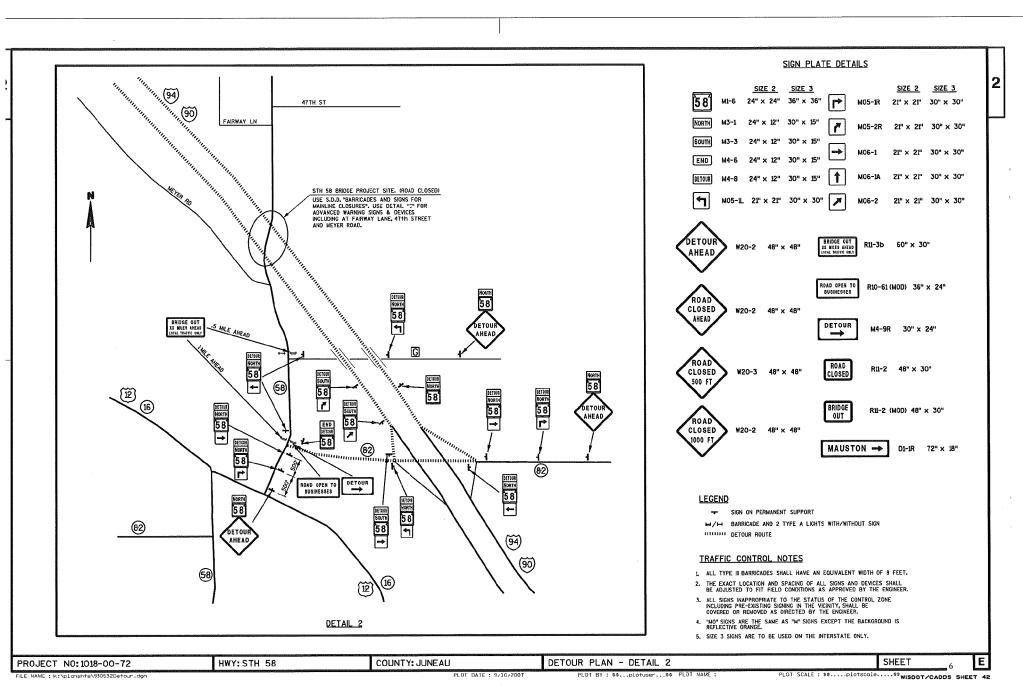


SHEET

PLOT SCALE : \$\$.....plotscale..... \$\$ WISDOT/CADDS SHEET 42

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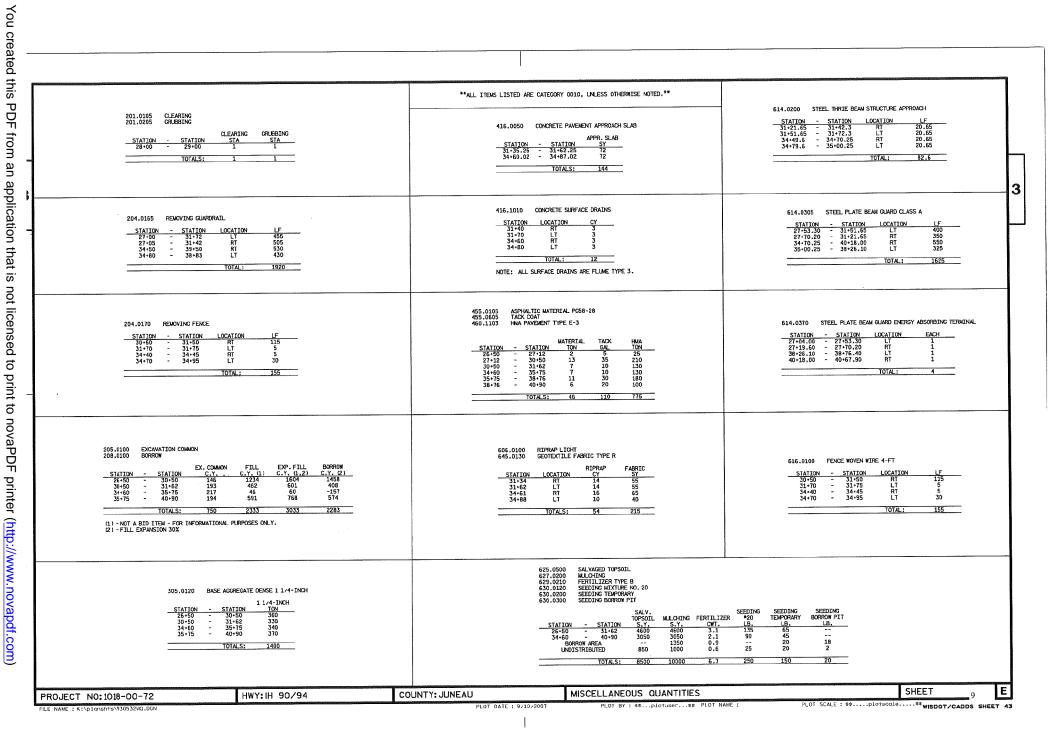


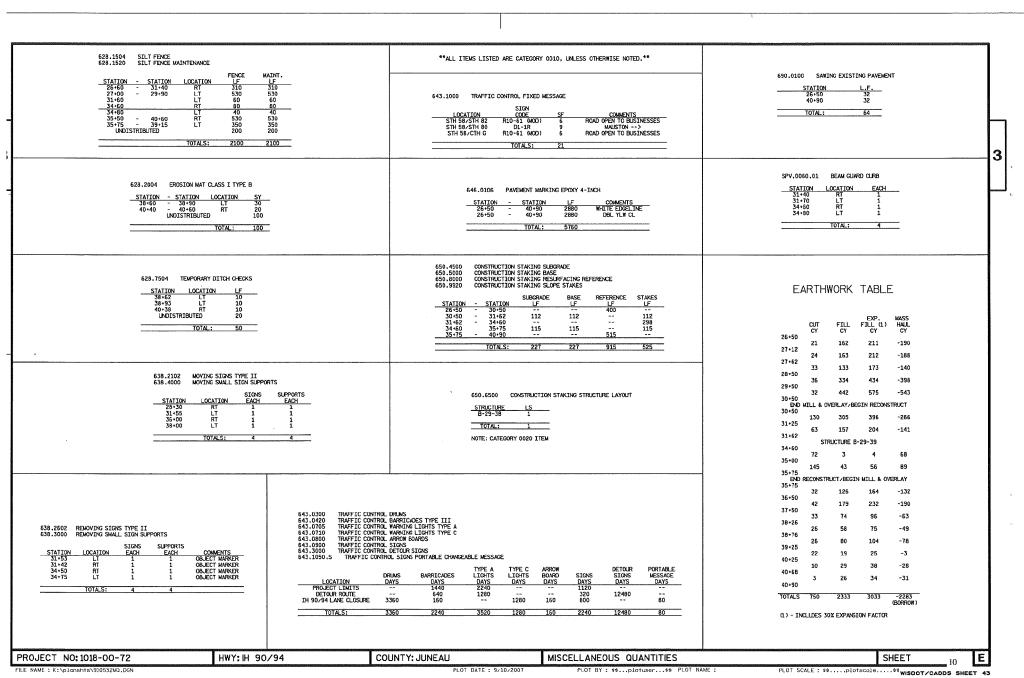
0020 0030 0060	108.3100.5 201.0105 201.0205 203.0200 203.0210.s 203.0225.s 204.0165	ITEM DESCRIPTION INCENTIVE/DISINCENTIVE FOR INTERIM COMPLETION OF WORK CLEARING GRUBBING REMOVING OLD STRUCTURE (STATION) 03. STA. 33+11 ABATEMENT OF ASBESTOS CONTAINING MATERIAL (STRUCTURE) 03. B-29-38	UNIT CD STA STA LS LS	TOTAL 7.000 1.000 1.000 1.000	1018-00-72 QUANTITY 7.000 1.000 1.000		
0030 0060 0090 0120 0140 0150 0160	201.0205 203.0200 203.0210.s 203.0225.s 204.0165	CLEARING GRUBBING REMOVING OLD STRUCTURE (STATION) 03. STA. 33+11 ABATEMENT OF ASBESTOS CONTAINING MATERIAL (STRUCTURE) 03. B-29-38	STA LS	1.000			
0060 0090 0120 0140 0150 0160	203.0200 203.0210.s 203.0225.s 204.0165	REMOVING OLD STRUCTURE (STATION) 03. STA. 33+11 ABATEMENT OF ASBESTOS CONTAINING MATERIAL (STRUCTURE) 03. B-29-38	ĹS		1,000		
0120 0140 0150 0160	203.0225.s 204.0165	ABATEMENT OF ASBESTOS CONTAINING MATERIAL (STRUCTURE) 03. B-29-38	LS		1.000		
0140 0150 0160	204.0165			1.000	1.000		
0150 0160		DEBRIS CONTAINMENT (STRUCTURE) 03. B-29-38	LS	1.000	1.000		
0160		REMOVING GUARDRAIL **P**	LF	1,920.000	1,920.000		
	204.0170	REMOVING FENCE	LF	155.000 750.000	155.000 750.000		
	205.0100 206.1000	EXCAVATION COMMON **P** EXCAVATION FOR STRUCTURES BRIDGES (STRUCTURE) 04. B-29-38	CY LS	1.000	1.000		
0210	208.0100	BORROW	CY	2,283.000	2,283.000		
0220 0270	210.0100 213.0100	BACKFILL STRUCTURE FINISHING ROADWAY (PROJECT) 04.	CY EACH	80.000 1.000	80.000 1.000		
0280 0290	305.0120 415 2000 S	1018-00-72 BASE AGGREGATE DENSE 1 1/4-INCH INCENTIVE STRENGTH CONCRETE PAVEMENT	TON DOL	1,400.000 500,000	1,400.000 500.000		
0250	415.2000.5					···· ····	
0300	416.0050	CONCRETE PAVEMENT APPROACH SLAB **P**	SY	144.000	144.000 12.000		
0310	416.1010	CONCRETE SURFACE DRAINS **P** ASPHALTIC MATERIAL PG58-28	CY TON	12.000 46.000	46.000		
0320 0330	455.0105	TACK COAT	GAL	110.000	110.000		the second s
0350	460.1103	HMA PAVEMENT TYPE E-3	TON	775.000	775.000	- 801.37 T	
0360	502.0100	CONCRETE MASONRY BRIDGES **P**	CY	386.000	386.000		
0370		INCENTIVE STRENGTH CONCRETE STRUCTURES	DOL	3,088.000	3,088.000 1.000		
0410 0420	502.3100 502.3210.S	EXPANSION DEVICE (STRUCTURE) 04. B-29-38 PIGMENTED PROTECTIVE SURFACE TREATMENT **P**	LS SY	1.000 260.000	260.000		Amount of the Marked Marked State (State 2007) and Provided Arc (1995) and a struct the prime State (1995)
0430	502.5010	MASONRY ANCHORS TYPE L NO. 6 BARS **P**	EACH	176.000	176.000		and a state of the
0450	505.0605	BAR STEEL REINFORCEMENT HS COATED BRIDGES **P**	LB	87,500.000	87,500.000		
0460	505.3015	WELDED STUD SHEAR CONNECTORS 7/8X6-INCH	EACH	1,284.000	1,284.000		
0470	506.3020	WELDED STUD SHEAR CONNECTORS 7/8X7-INCH	EACH SF	321.000 70.000	321.000 70.000		
0530 0560	509.1500 514.0445	CONCRETE SURFACE REPAIR FLOOR DRAINS TYPE GC **P**	EACH	6.000	6.000		
0570	514.2625	DOWNSPOUT 6-INCH **P**	LF	95.000	95.000		
0580 0610	516.0500 517.0900.5	RUBBERIZED MEMBRANE WATERPROOFING **P** PREPARATION AND COATING OF TOP FLANGES	SY LS	20.000 1.000	20.000 1.000		
0,650	517.3000.s	03. B-29-38 S STRUCTURE OVERCOATING CLEANING AND PRIMING (STRUCTURE) 04. B-29-38	LS	1.000	1.000		
0660	606.0100	RIPRAP LIGHT	СҮ	54.000	54.000		
0670	614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4.000	4.000		
0680	614.0200	STEEL THRIE BEAM STRUCTURE APPROACH **p**	LF	82.600	82.600		
0690	614.0305 614.0370	STEEL PLATE BEAM GUARD CLASS A **P** STEEL PLATE BEAM GUARD ENERGY ABSORBING	LF EACH	1,625.000 4.000	1,625.000 4.000		
0700		TERMINAL FENCE WOVEN WIRE (HEIGHT) 01. 4-FOOT	LF	155.000	155.000		
0700 0710	616.0100	FENCE WOVEN WIKE (HEIGHT) OI, 4-POOT		100.000	100.000		

DATE 17 LINE	SEP07	EST	ІМАТ	EOFQUAN	TITIES 1018-00-72	
	*****	TTCH DESCRIPTION		TOTAL		
NUMBER		ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY	
0730	625.0500	SALVAGED TOPSOIL **P**	5Y	8,500.000	8,500.000	
0740	627.0200	MULCHING **P**	SY	10,000.000	10,000.000	
0750	628.1504	SILT FENCE	LF	2,100.000	2,100.000	
0760	628.1520	SILT FENCE MAINTENANCE	LF	2,100.000	2,100.000	
0770	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	2.000	2.000	*******
0780	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	2.000	2.000	
0790	628.2004	EROSION MAT CLASS I TYPE B	SY	100.000	100.000	
0800	628.7504	TEMPORARY DITCH CHECKS	LF	50.000	50,000	
0810	629.0210	FERTILIZER TYPE B **P**	CWT	6.700	6.700	
0820	630.0120	SEEDING MIXTURE NO. 20 **P**	LB	250.000	250,000	
0830	630.0200	SEEDING TEMPORARY **P**	LB	150,000	150,000	
0840	630.0300	SEEDING BORROW PIT	LB	20.000	20.000	
0870	638.2102	MOVING SIGNS TYPE II	EACH	4.000	4.000	
0880	638.2602	REMOVING SIGNS TYPE II	EACH	4.000	4.000	
0890	638,3000	REMOVING SMALL SIGN SUPPORTS	EACH	4,000	4,000	
0900	638.4000	MOVING SMALL SIGN SUPPORTS	EACH	4.000	4.000	
0900 0910					4.000	
	642.5001	FIELD OFFICE TYPE B	EACH	0.410		
0950	643.0100	TRAFFIC CONTROL (PROJECT) 04. 1018-00-72	EACH	1.000	1.000	
960	643.0300	TRAFFIC CONTROL DRUMS	DAYS	3,360.000	3,360.000	
0970	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAYS	2,240.000	2,240.000	
0980	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAYS	3,520.000	3,520.000	
0990	643.0715	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAYS	1,280.000	1,280.000	
1000	643.0800	TRAFFIC CONTROL ARROW BOARDS	DAYS	160.000	160.000	
1010	643.0900	TRAFFIC CONTROL SIGNS	DAYS	2,240.000	2,240.000	
1020	643.1000	TRAFFIC CONTROL SIGNS FIXED MESSAGE	SF	21.000	21.000	
1030	643.1050.s	TRAFFIC CONTROL SIGNS PORTABLE	DAY	80.000	80.000	
1040	643.2000	CHANGEABLE MESSAGE TRAFFIC CONTROL DETOUR (PROJECT) .01	EACH	1,000	1.000	
		1018-00-72		4.2 4.00 0.00	4.9. 4.9.9. 9.9.9	
1050	643.3000	TRAFFIC CONTROL DETOUR SIGNS	DAYS	12,480.000	12,480.000	
1060	645.0130	GEOTEXTILE FABRIC TYPE R	SY	215.000	215.000	
L070	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	5,760.000	5,760.000	
L080	650.4500	CONSTRUCTION STAKING SUBGRADE **P**	LF	227.000	227.000	
L090	650.5000	CONSTRUCTION STAKING BASE **P**	LF	227.000	227.000	
1130	650.6500	CONSTRUCTION STAKING STRUCTURE LAYOUT (STRUCTURE) 04. B-29-38	LS	1.000	1.000	
1140	650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE **P**	LF	915.000	915.000	
1180	650.9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL 04. 1018-00-72	LS	1.000	1.000	nn an e
1190	650,9920	CONSTRUCTION STAKING SLOPE STAKES	LF	525,000	525.000	
1200	690.0100	SAWING EXISTING PAVEMENT	LF	64.000	64,000	
1210	ASP.1TOA	ON-THE-JOB TRAINING APPRENTICE AT \$5.	HRS	82.000	82.000	
1210	ASTITUA	00/HR	into .	02.000	02.000	
1220	ASP.1TOG	ON-THE-JOB TRAINING GRADUATE AT \$5.00/HR	HRS	492.000	492.000	
1230	SPV.0060	SPECIAL 01. BEAM GUARD CURB	EACH	4.000	4.000	
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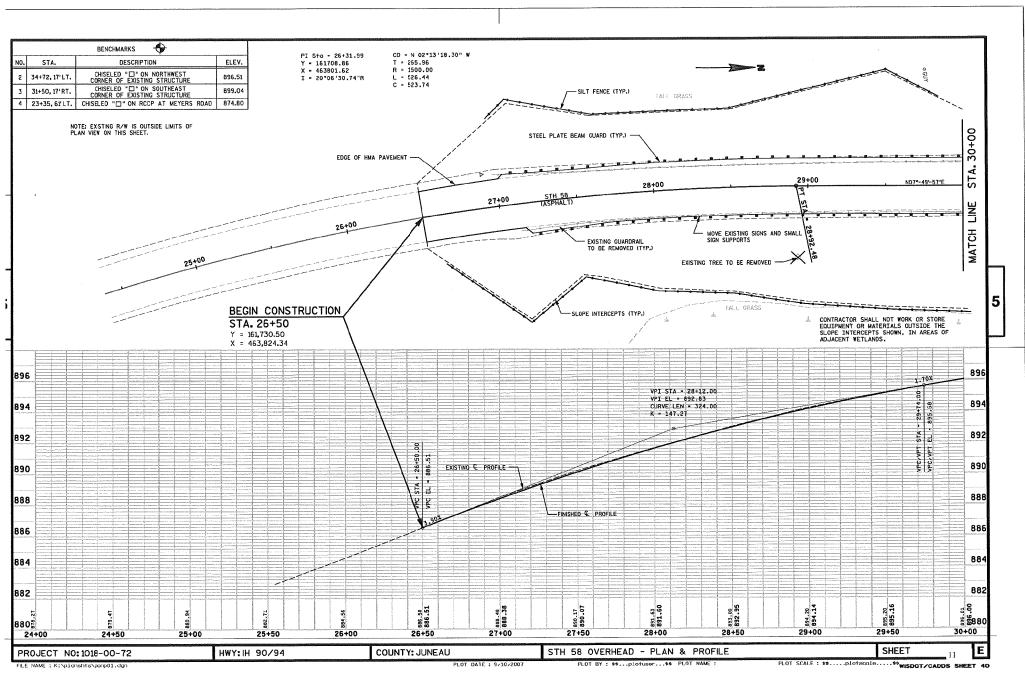
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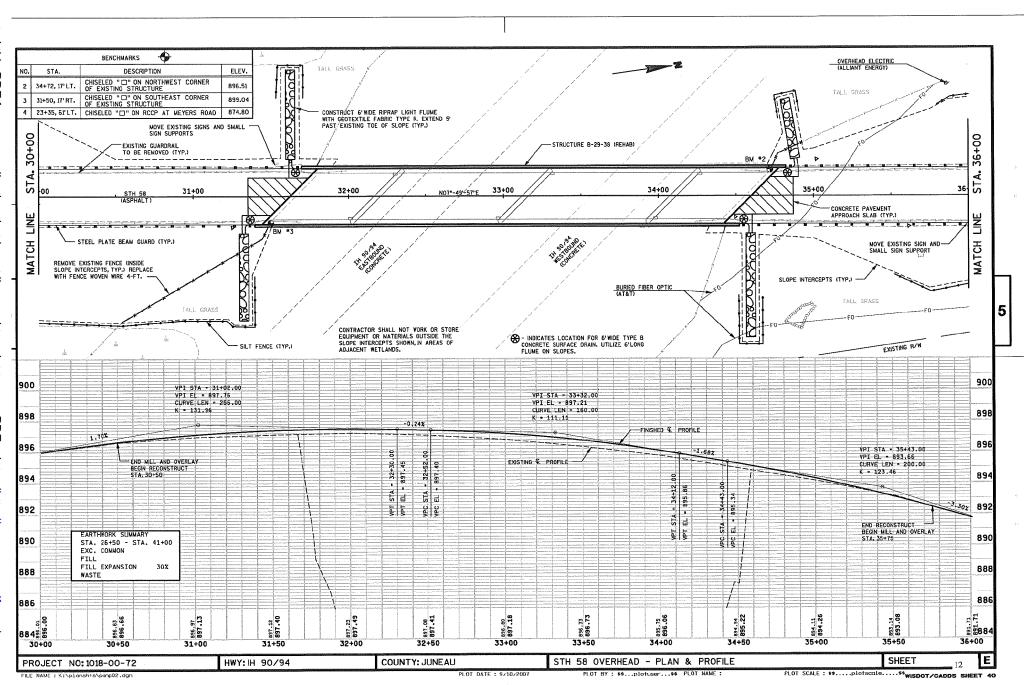
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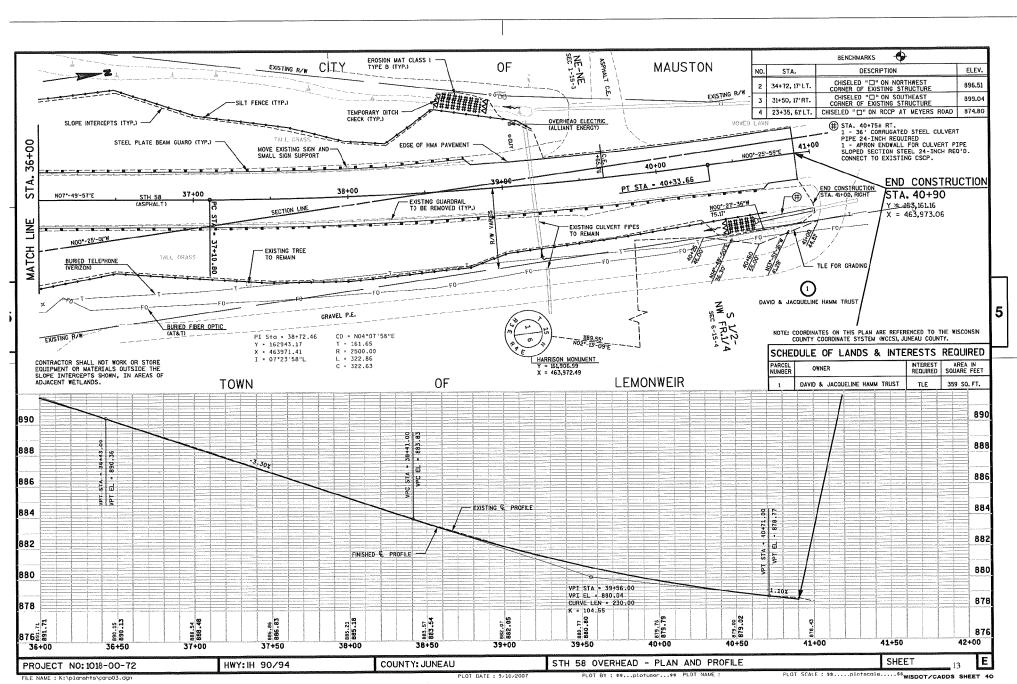
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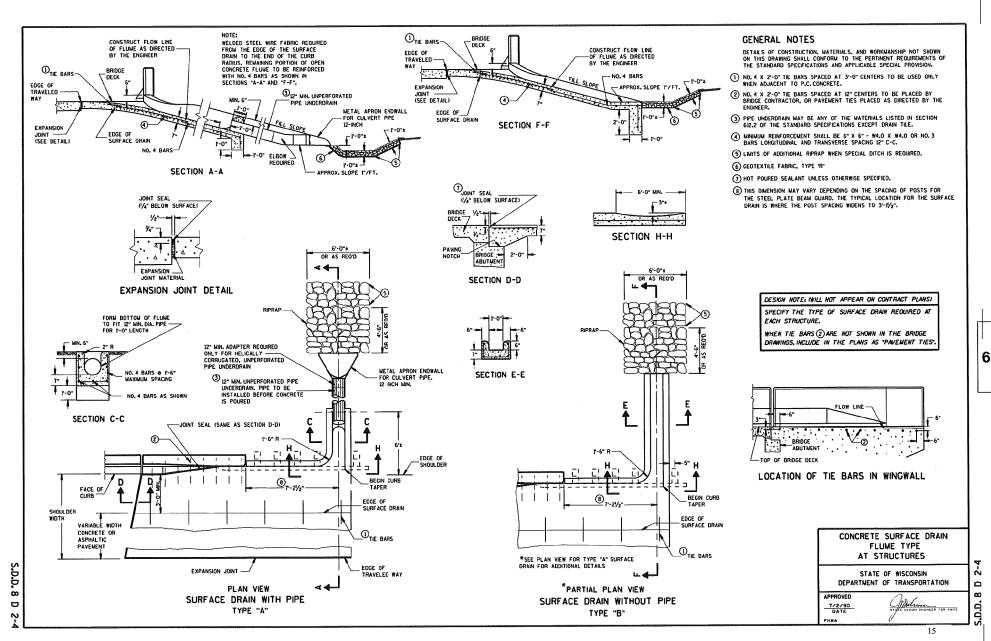


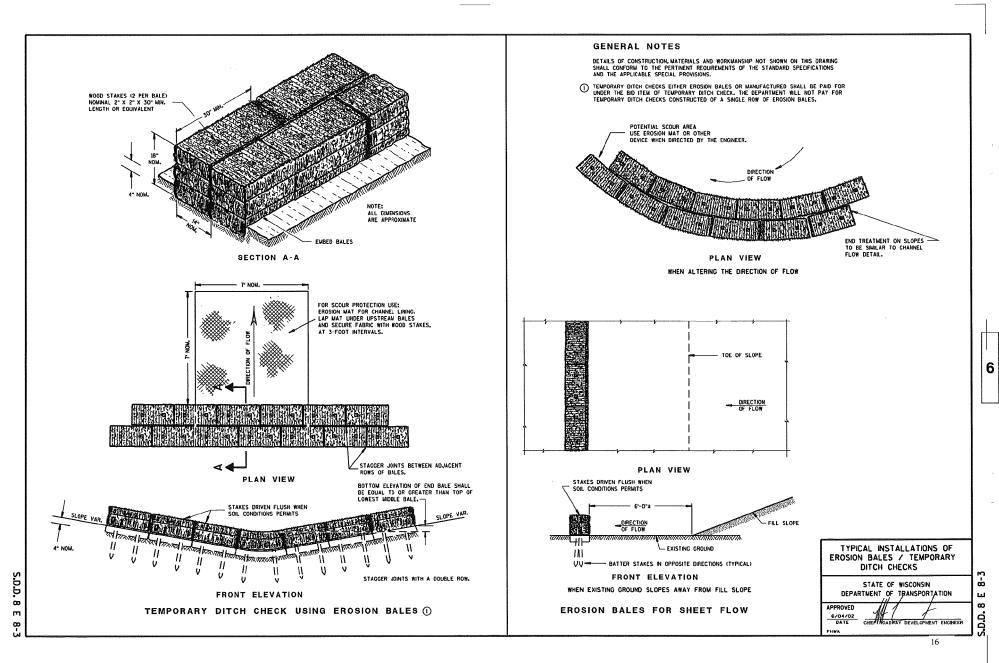


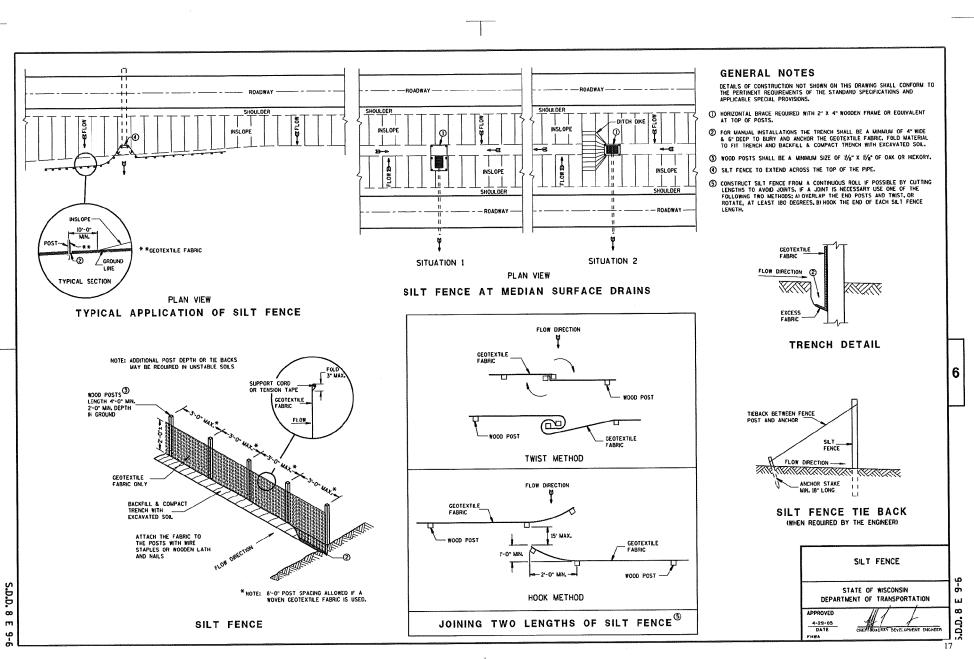
# Standard Detail Drawing List

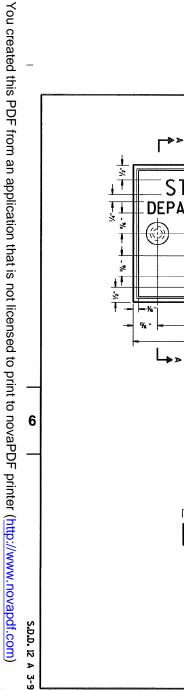
(	D8D2-4	CONCRETE SURFACE DRAIN FLUME TYPE AT STRUCTURES
- (	08E8~3	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
(	08E9-6	SILT FENCE
:	12A3-9	NAME PLATE (STRUCTURES)
	13B2-5	CONCRETE PAVEMENT APPROACH SLAB
	14B15-5A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
	14B15-5B	STEEL PLATE BEAM GUARD. CLASS "A" INSTALLATION & ELEMENTS
	14B18-5A	STEEL PLATE BEAM GUARD, CLASS "A" (AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS)
	14B20-6A	STEEL THRIE BEAM STRUCTURE APPROACH
	14в20-6в	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SQUARE END AND VERTICAL FACED PARAPETS
	14B24-4A	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
	14B24-4B	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
	14B24-4C	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
	15B1-7A	WOVEN WIRE FENCE
	15в1-7в	WOVEN WIRE FENCE
	15C2-4A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
	15С2-4в	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
	15C2-4C	DETOUR SIGNING FOR MAINLINE CLOSURES
	15C6-5	SIGNING & MARKING FOR TWO LANE BRIDGES
	15C8-10A	PAVEMENT MARKING (MAINLINE)
	15D12-2	TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H.
	15D27-1	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

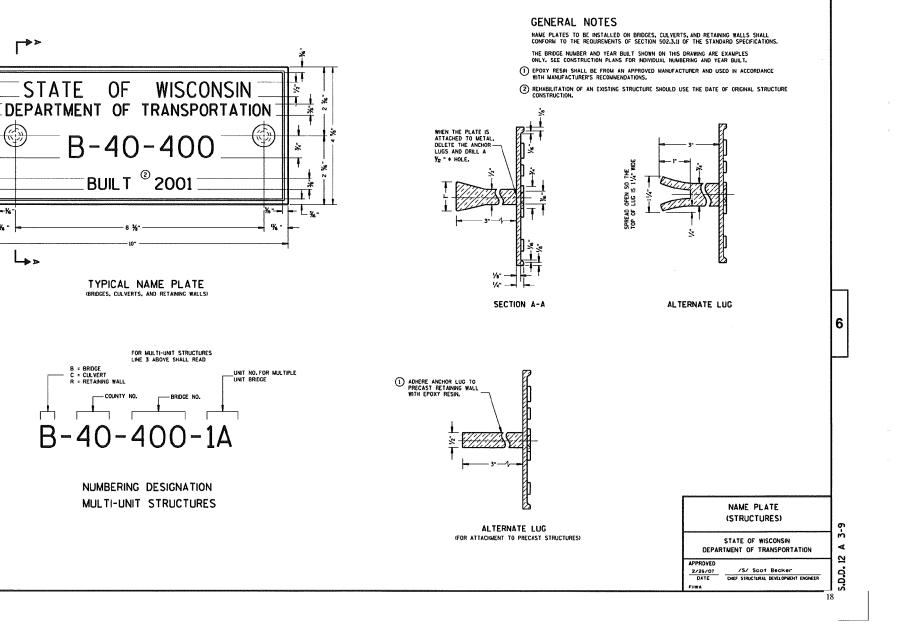
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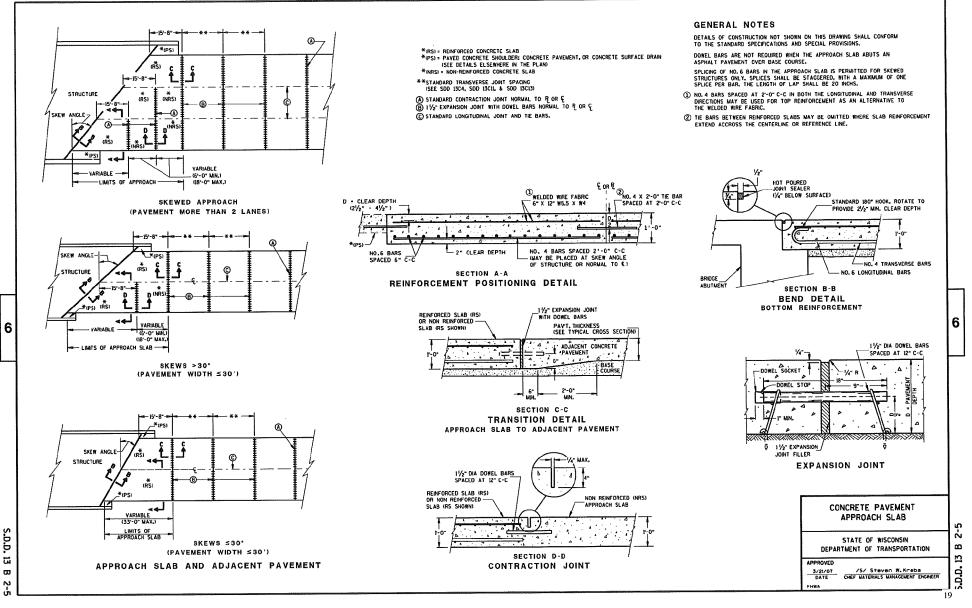


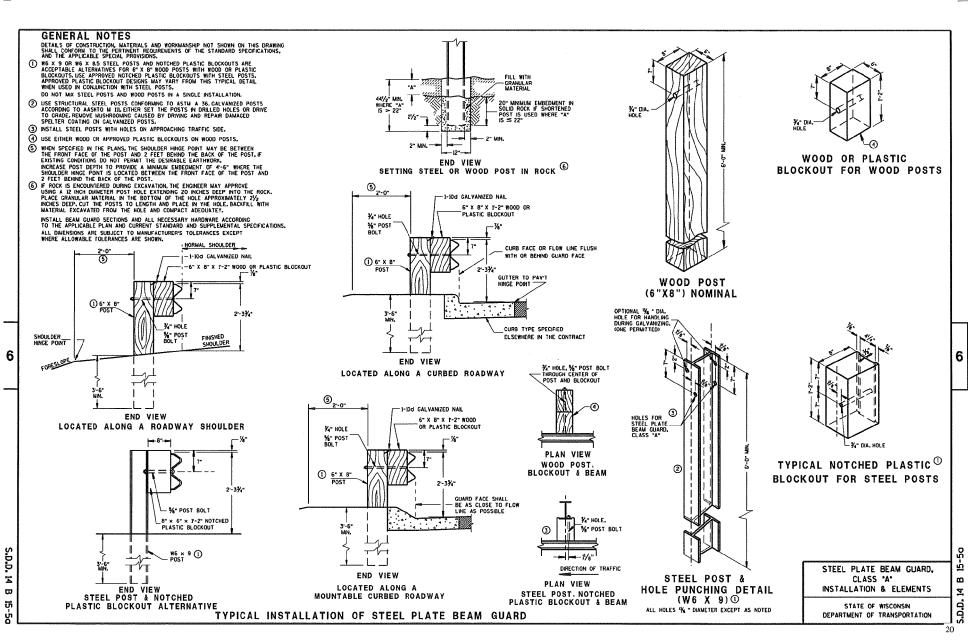


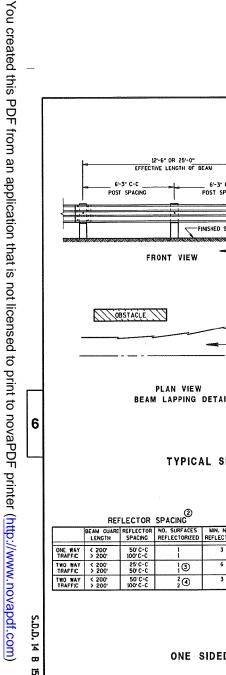




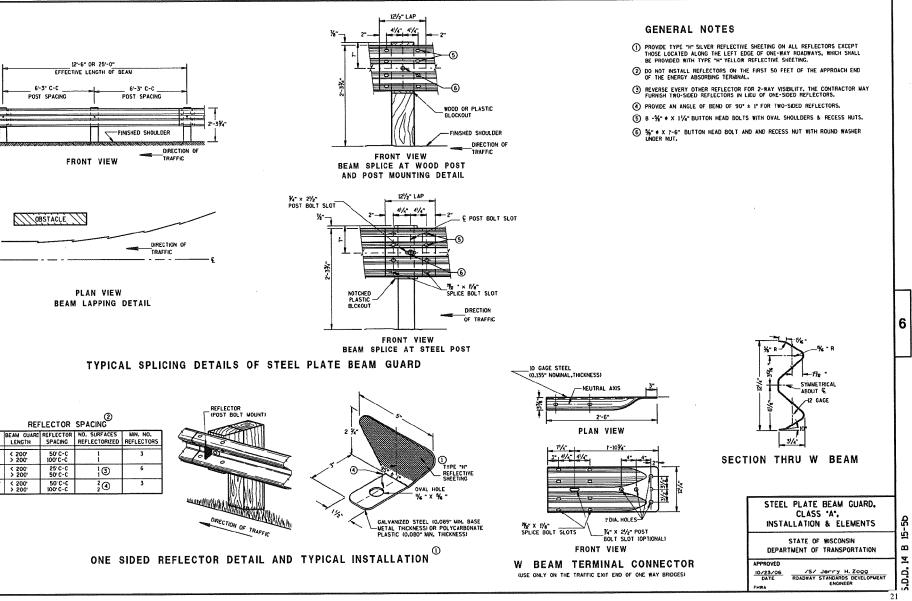


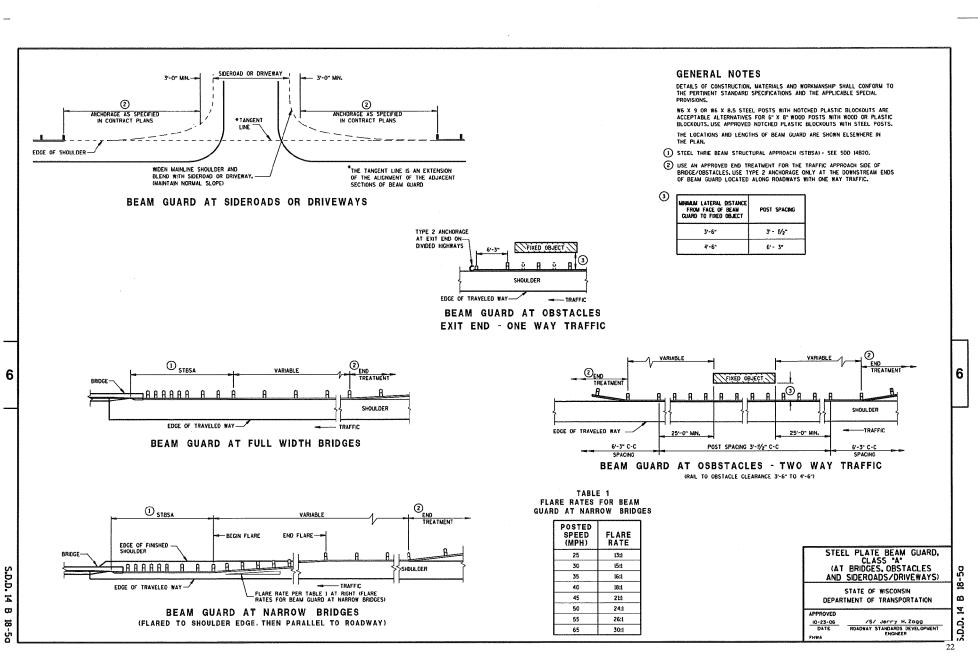


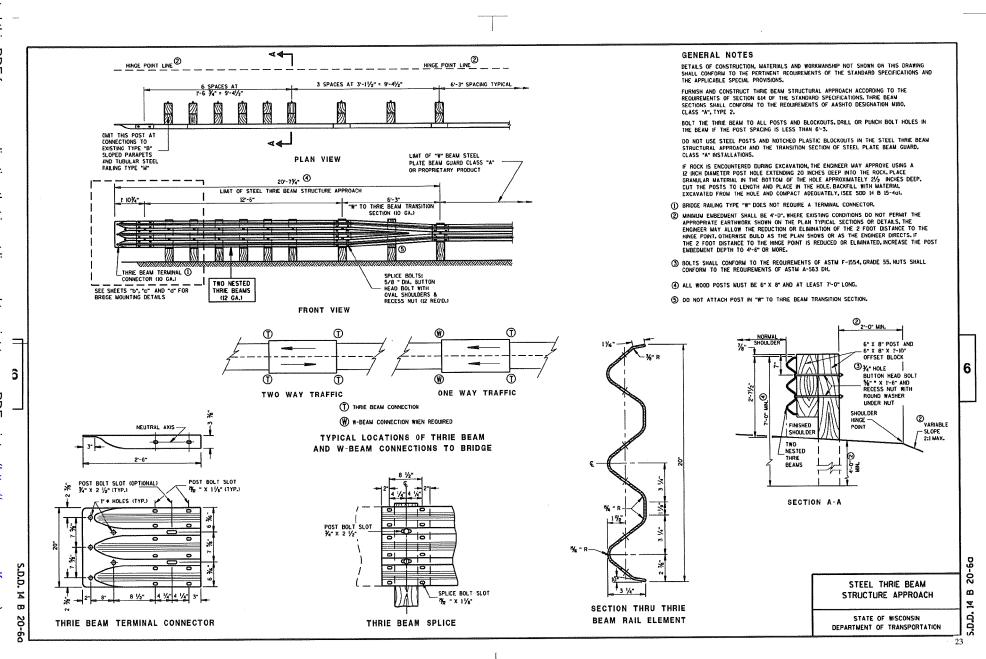


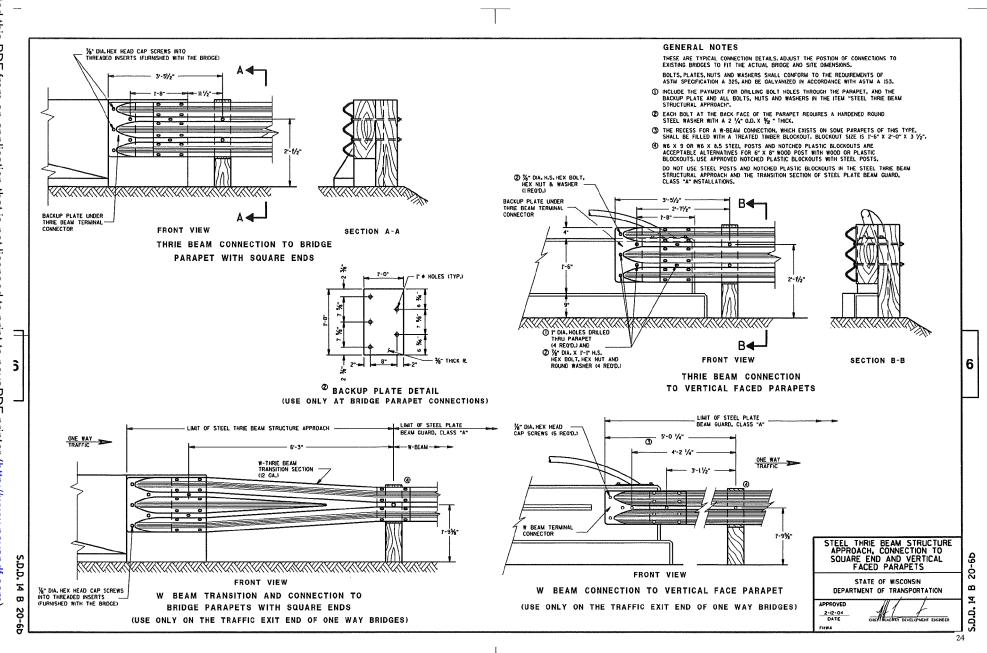


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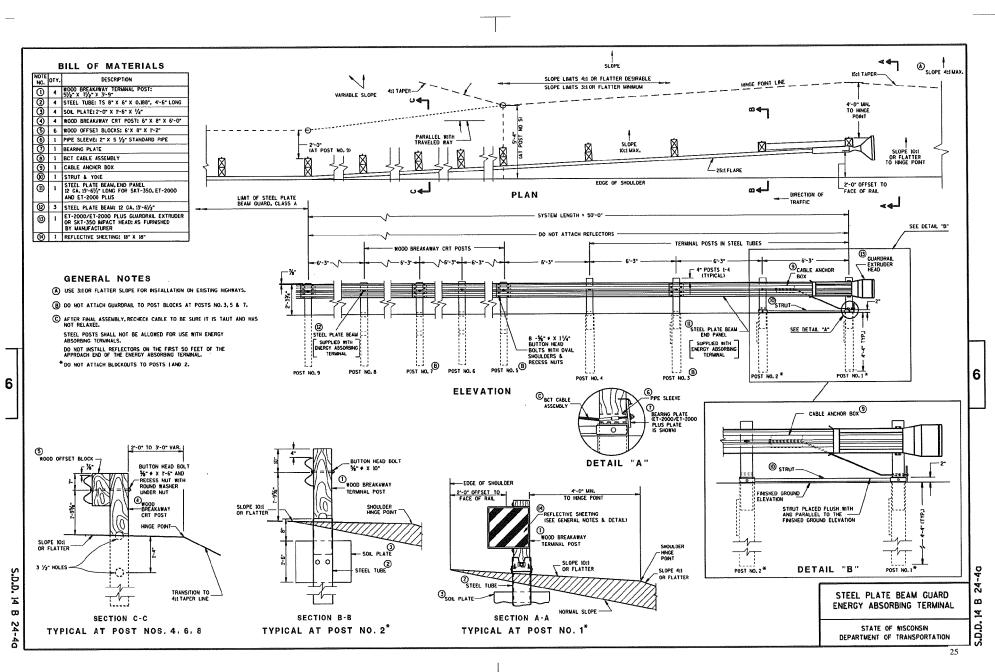


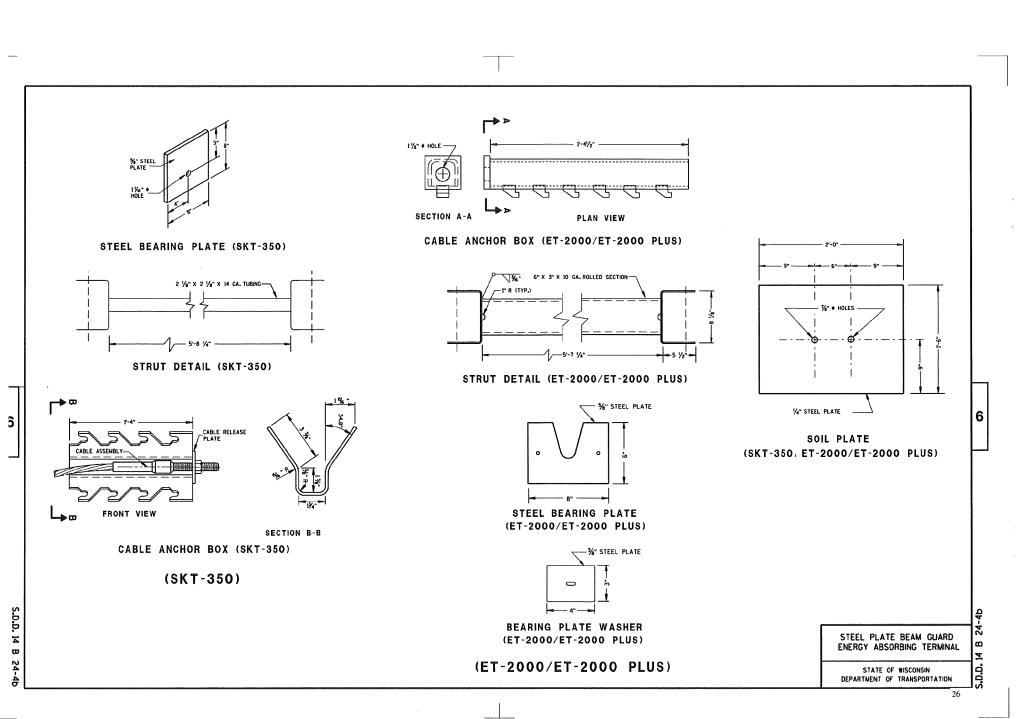


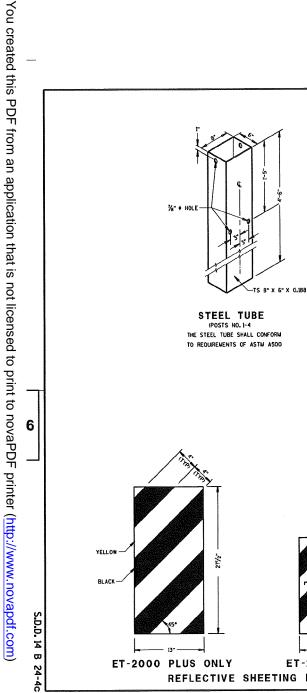


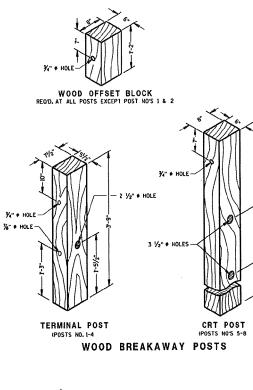












### GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREVENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS AND MANUFACTURERS INSTRUCTIONS.

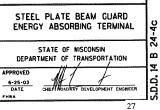
STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL SHALL BE EITHER THE EXTRUDER TERMINAL (ET-2000), OR THE SEDUENTIAL KNNING TERMINAL (SKT-350), THE CONTRACTOR SHALL NOT INTERMIX PROPRIATERY PRODUCT MATERIALS.

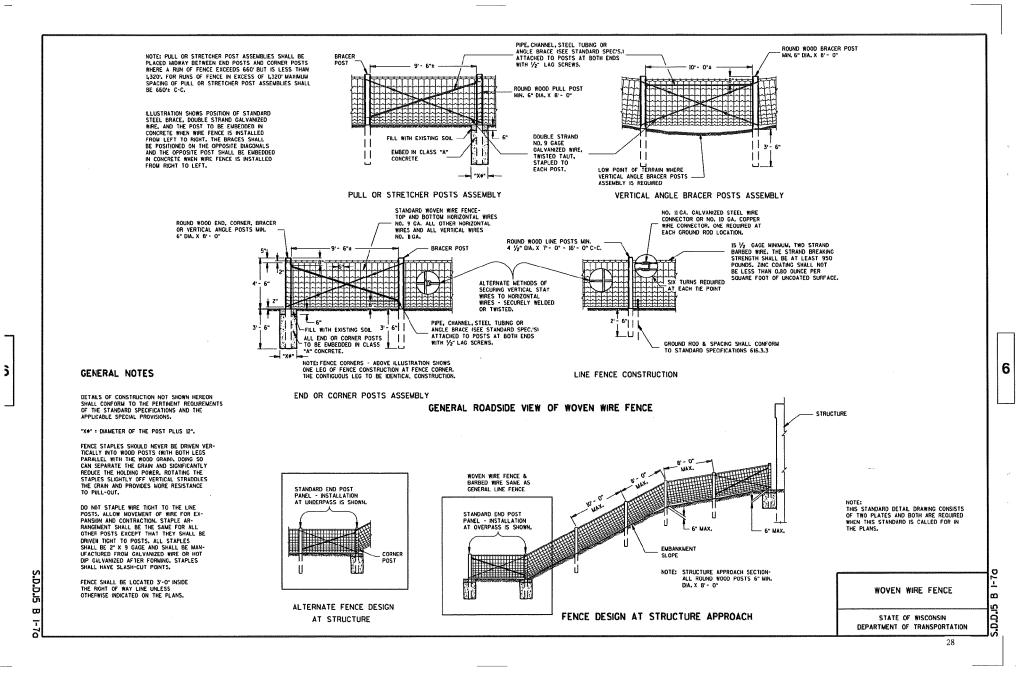
STEEL PLATE BEAN GUARD, ENERGY ABSORBING TERUNNAL SMALL BE PAD FOR AT THE CONTRACT UNIT PRICE EACH, WHCH SHALL INCLUDE HARDWARE, STEEL PLATE BEAM GUARD, POSTS, REFLECTIVE SHEETING AND INSTALLATION AS SNOWN.

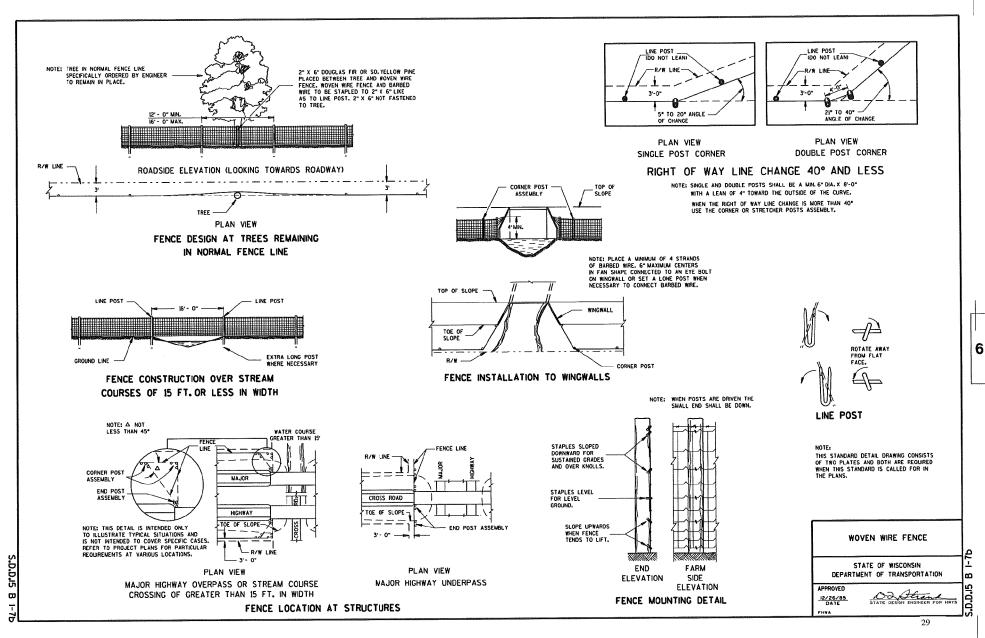
REFLECTIVE SHEETING - SHALL CONFORM TO ASTH SPECFICATION D4955-94. REFLECTIVE SHEETING 1YPE II, BACKING CLASS 4, PERFORMANCE REGUIREMENT TYPE II, THE MESSAGE AND LINES SHALL BE APPLIED TO THE SKONS BY THE SLK SCREEN STENCL PROCESS USING A BLACK OR DARK STENCL PASTE AS A TYPE APPROVED BY THE MANUFACTURENT OF THE FACE MATERIAL TO WHICH IT STO BE APPLIED MESSAGE UNITS CUIT FROM NONREFLECTIVE SHEETING AND APPLIED TO THE SIGN FACE ARE NOT ACCEPTABLE. AFTER THE APPROACH END OF THE STEEL PLATE BEAM GUARD INSTALLATION IS COMPLETE, CLEAN THE AREA WHERE THE REFLECTIVE SHEETING WILL BE APPLIED IN ACCORDANCE WITH THE AMAUFACTURERS RECOMMENDATION, ONCE CLEAN, APPLY REFLECTIVE SHEETING DIRECTLY TO THE STEEL PLATE BEAM GUARD AS SHOWN. THE CONTRACTOR SHALL TURN OVER THE MANUFACTURERS MARANTY FOR THE REFLECTIVE SHEETING THE DEPARTMENT FOR POTENTIAL DEALING WITH THE MANUFACTURER, PAYMENT OF REFLECTIVE SHEETING IS INCIDENTAL TO STEEL PLATE BEAM GUARD, ENERGY ABSORDENG TERMENAL.

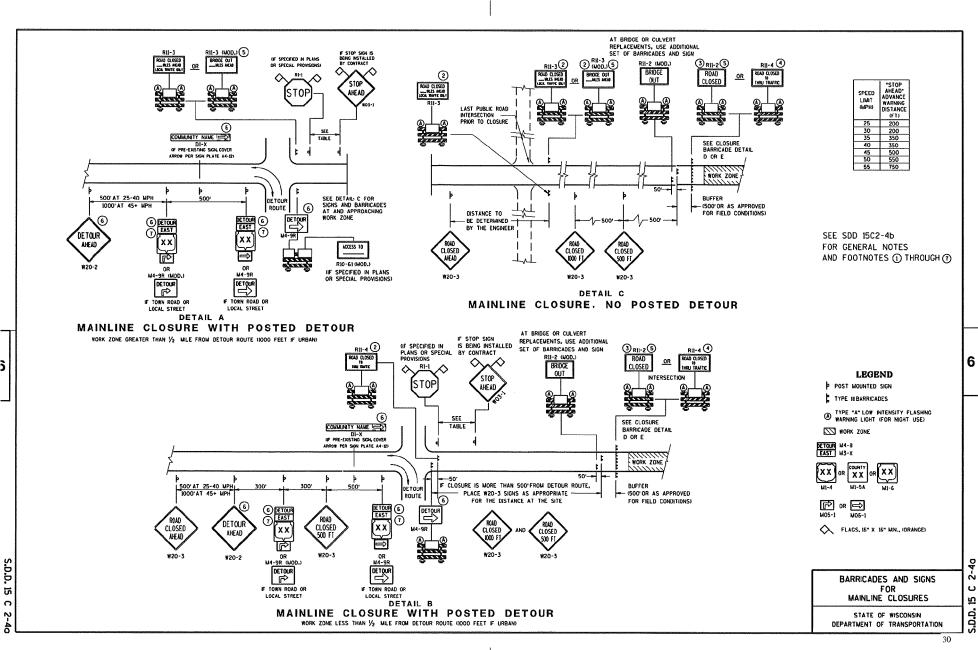
WHEN ROCK IS ENCOUNTERED DURING EXCAVATION, A 12 INCH DIA. POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK MAY BE USED IF AFROVED BY THE ENDINEEN, GRANULAR MATERIAL SHALL BE FLACED IN THE BOTTOM OF THE HOLE APPROXMATELY 2  $I_2^{\prime}$  INCHES DEEP TO PROVIDE DRAINAGE. THE SOIL TUBES SHALL BE FIELD CUT TO LENGTH, PLACED IN THE HOLE AND BACKFILLED WITH ADEQUATELY COMPACTED MATERIAL EXCAVATED FROM THE HOLE.

TERMINAL POST POSTS NO. 1-4 TERMINAL POST WOOD BREAKAWAY POSTS WOOD BREAKAWAY POSTS TOTAL OF THE POST POSTS NO. 5-9 WOOD BREAKAWAY POSTS TOTAL OF THE POST POSTS NO. 5-9 TOTAL OF THE POSTS POSTS NO. 5-9 TOTAL OF THE POSTS NO. 5-9 TOTAL OF THE POSTS NO. 5-9 TOTAL OF







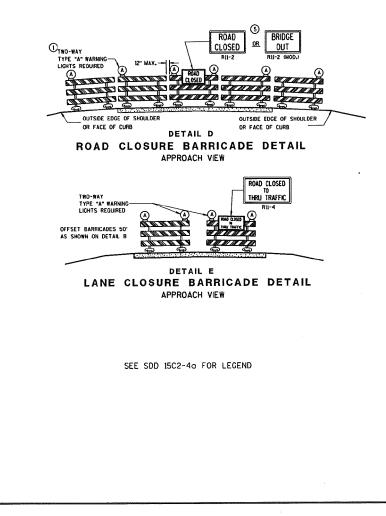


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#### **GENERAL NOTES**

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE NOVED FOR A WORK OPERATION SHALL BE BAMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE IN BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE RII-2, RII-3, M4-9, RII-4 AND RIO-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

THE REFLECTIVE SHEETING USED ON RII-2, RII-3, RII-4, RIO-61 AND RI-1 SIGNS SHALL COMPLY WITH SUBSECTION 637.2.2.2 OF THE STANDARD SPECIFICATIONS.

"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

- RII-2 SHALL BE 48" X 30". RII-3, RII-4 AND RIO-61 SHALL BE 60" X 30".

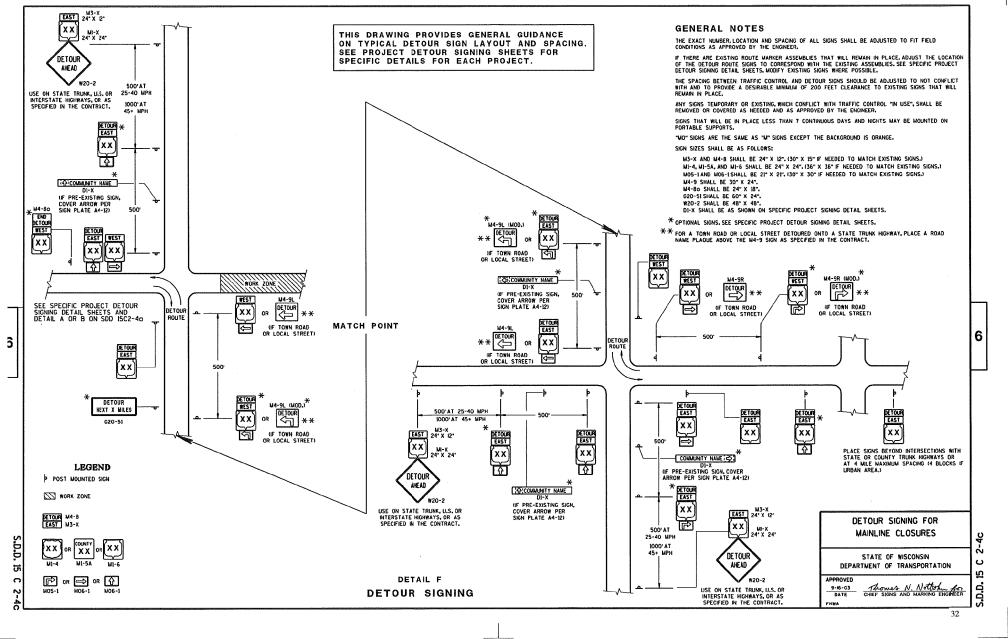
MI-S, MILT AND MI-S SMALL BE 24" X 24", 130" X 15" IF NEEDED TO MATCH EXISTING SIONS.) MI-4, MI-5A, AND MI-6 SHALL BE 24" X 24", 136" X 35" IF NEEDED TO MATCH EXISTING SIONS.) MI-4, MI-5A, AND MI-6 SHALL BE 24" X 24", 136" X 35" IF NEEDED TO MATCH EXISTING SIONS.) DI-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS. R1-1 SHALL BE 36" X 36".

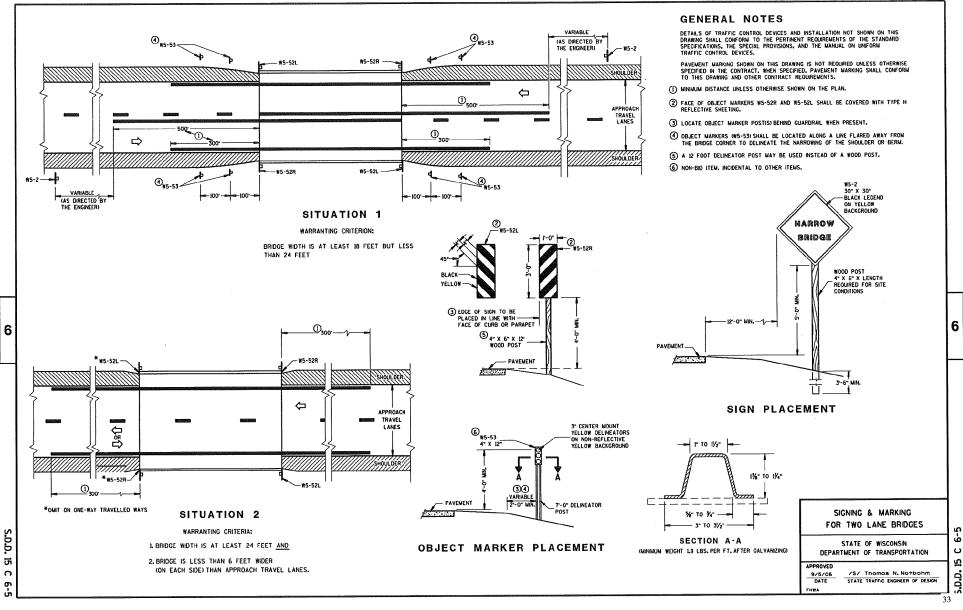
- (1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A WINNUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).
- (2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.
- GR ROAD CLOSURE <u>WITHOUT</u> LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.
  FOR ROAD CLOSURE <u>WITH</u> LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.
- 5 FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON RII-2 AND RII-3 SIGNS.
- INSTALL DETOUR AND COMMAINTY GUIDE SIGNS AND ARROWS ONLY IF SPECFIED IN THE CONTRACT, IF THERE ARE Existing Route Marker Assembles that Will Realaw in Place, adjust the Location of the Detour Route Signs to Correspond with the Existing Assembles, Mody flatsting Signs Marker Possible. 6 SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS, IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.
- 1 "East" cardinal direction markers and right turn arrows are shown, use other cardinal directions and arrows as appropriate.

BARRICADES AND SIGNS
MAINLINE CLOSURES
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
9/16/03 Thomas N. Notbohn for DATE CHIEF SIGNS AND MARKING ENGINEER
DATE CHIEF SIGNS AND MARKING ENGINEER

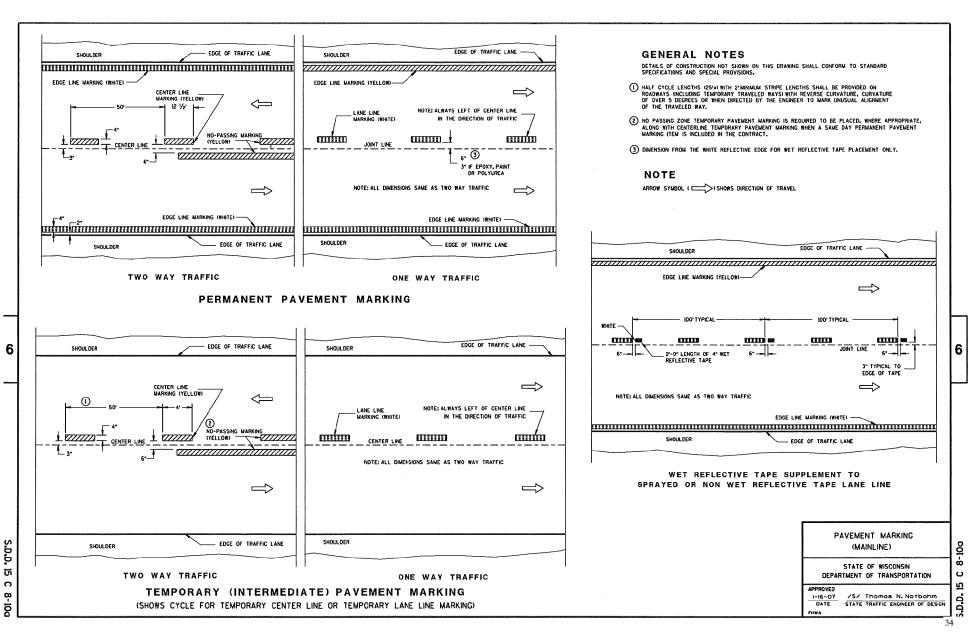
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#### LEGEND

- POST WITH ATTACHED SIGN
- POST WITH ATTACHED SIGN
  IN DRUM
- # DRUM WITH WARNING LIGHT (TYPE C)
- DRUM
- ARROW BOARD
- B' TYPE III BARRICADE
- \*\* \*-\* REMOVING PAVEMENT WARKING
- DIRECTION OF TRAFFIC

#### GENERAL NOTES :

THE EXACT NUMBER.LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (SCO FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

- ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.
- "WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENCINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

① CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM ISOO FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

### GENERAL NOTES CONTINUED:

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 7 CONTINUOUS DAYS AND NIGHTS.

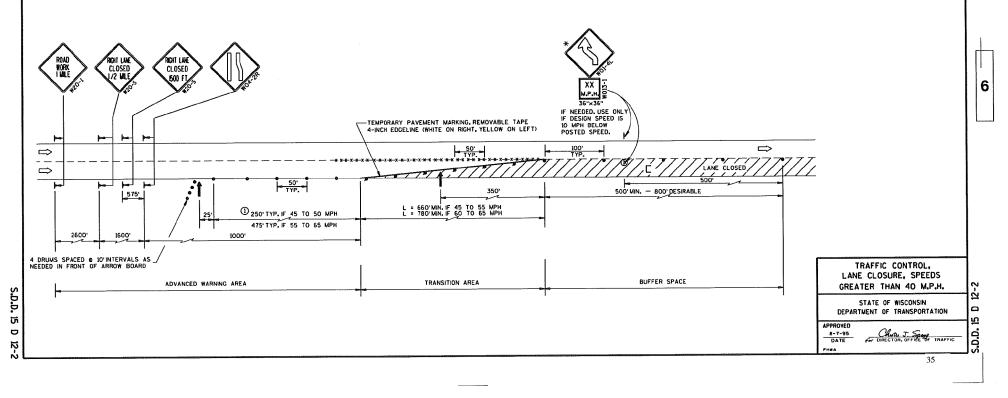
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

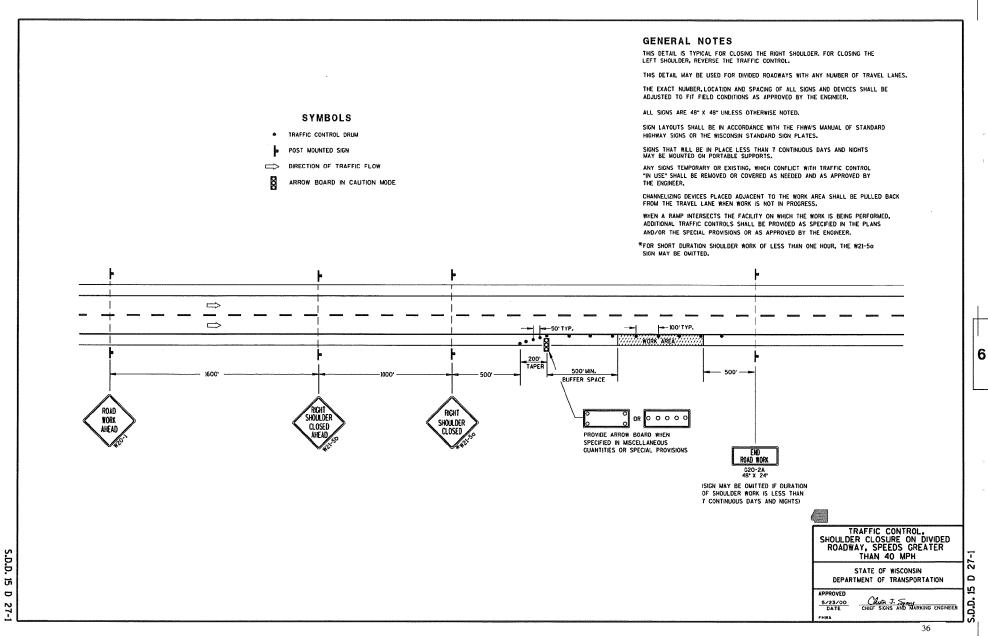
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

IF LANE CLOSURE IS MORE THAN 1 MILE, PLACE A TYPE III BARRICADE APPROXIMATELY EVERY 1/4 MILE ACROSS THE CLOSED LANE TO HELP ENFORCE THE DRUM LINE.

ADJUSTWENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADECUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF BDD FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

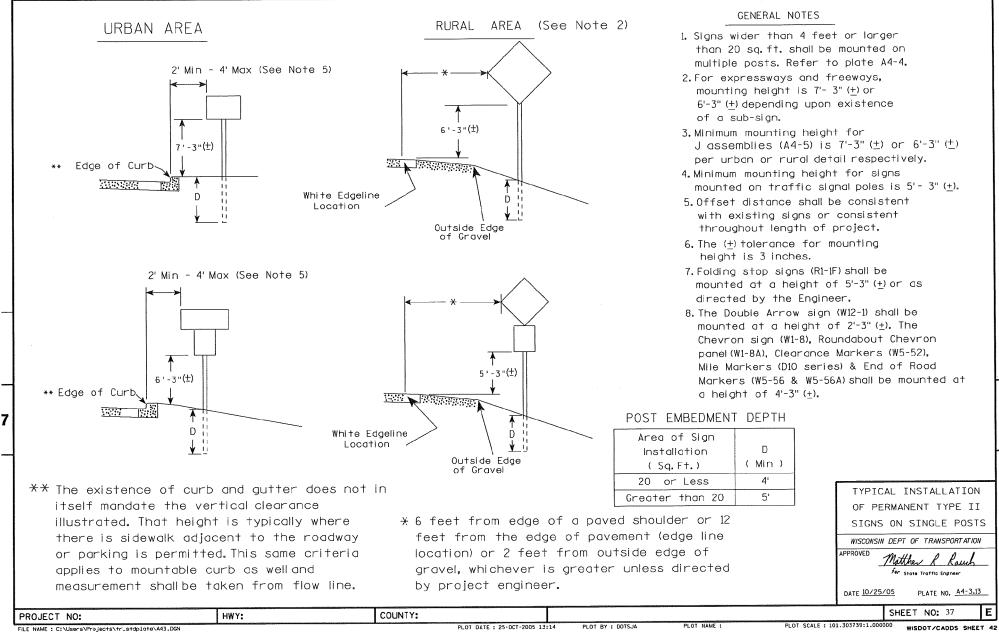
\* THE LEFT REVERSE CURVE SIGN (W01-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.

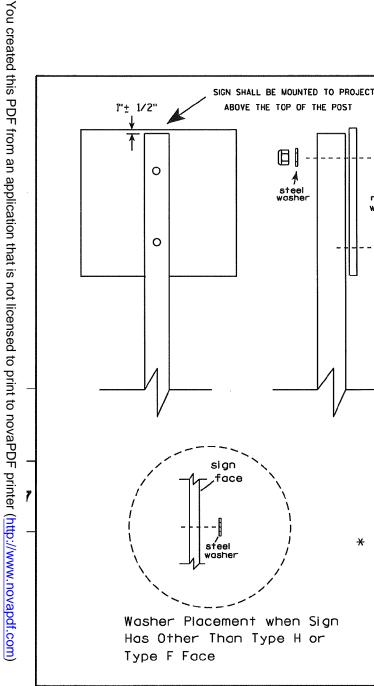


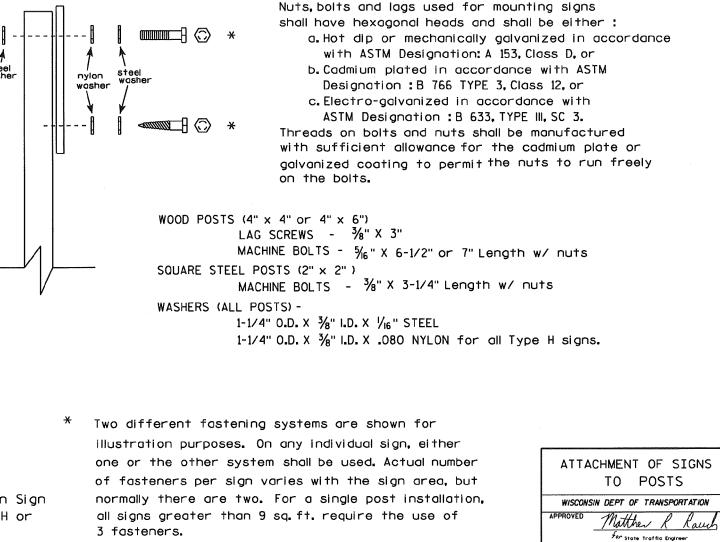


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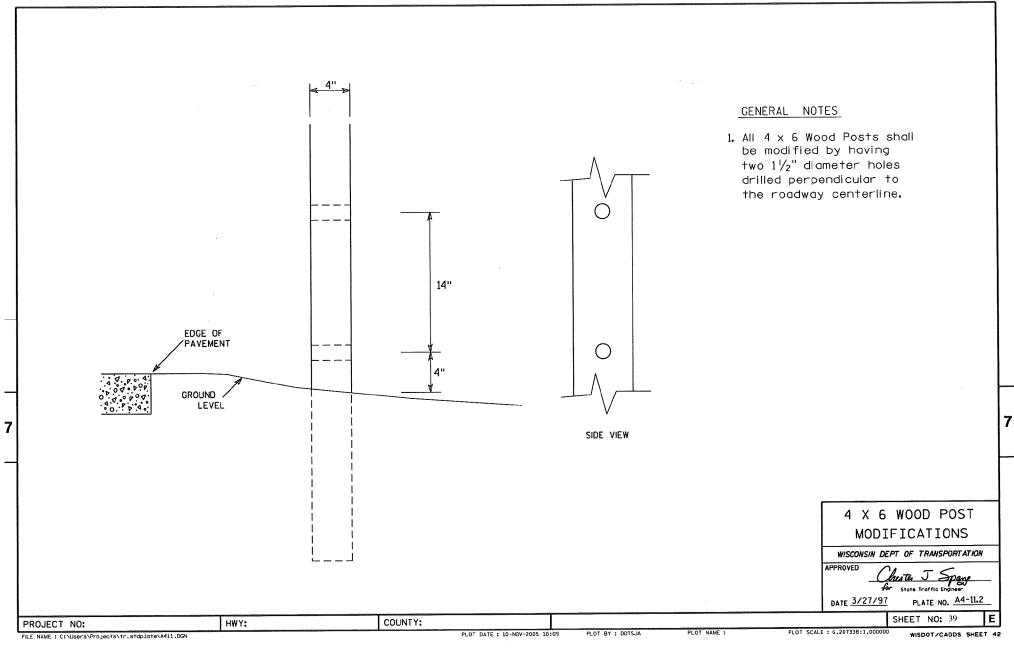
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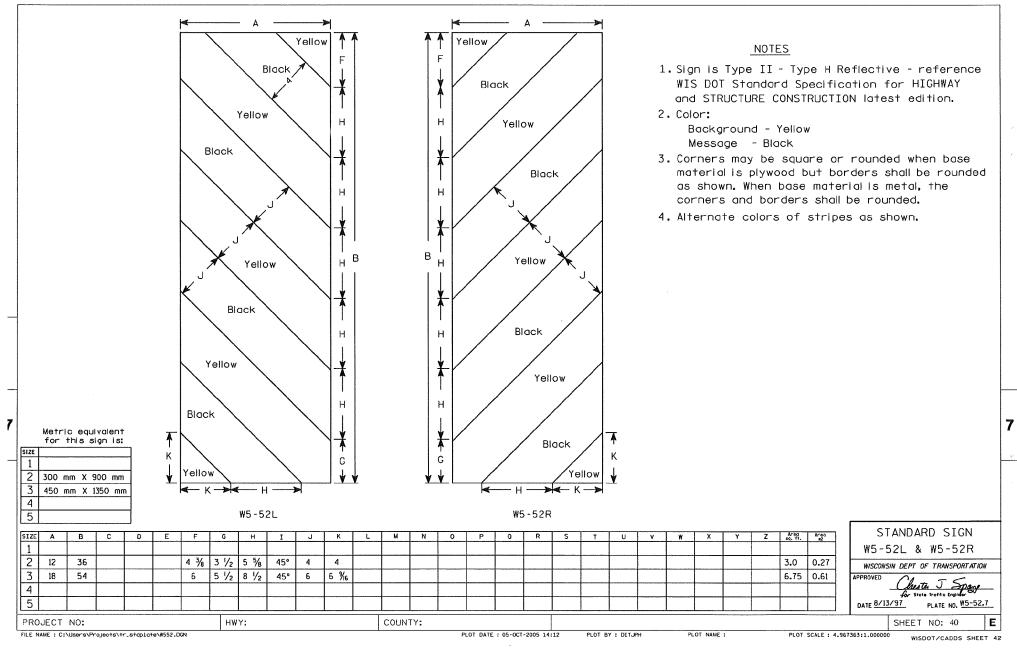
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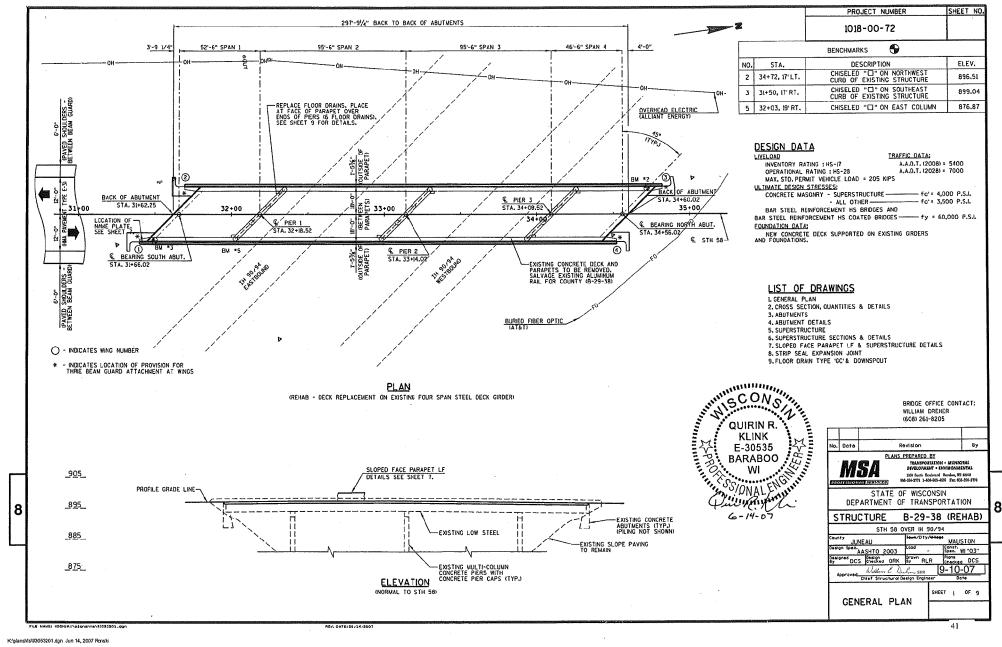
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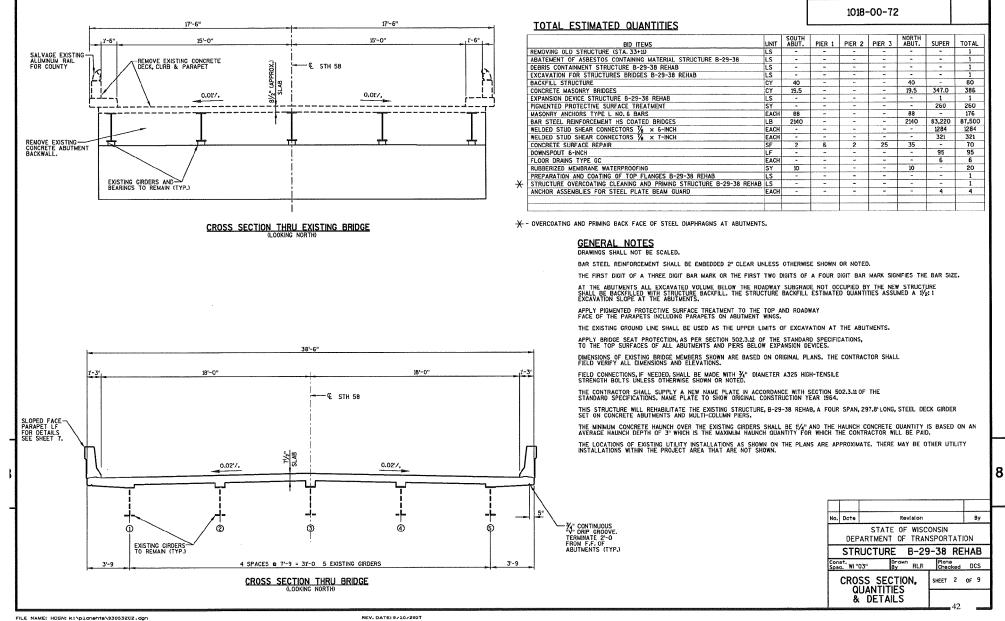
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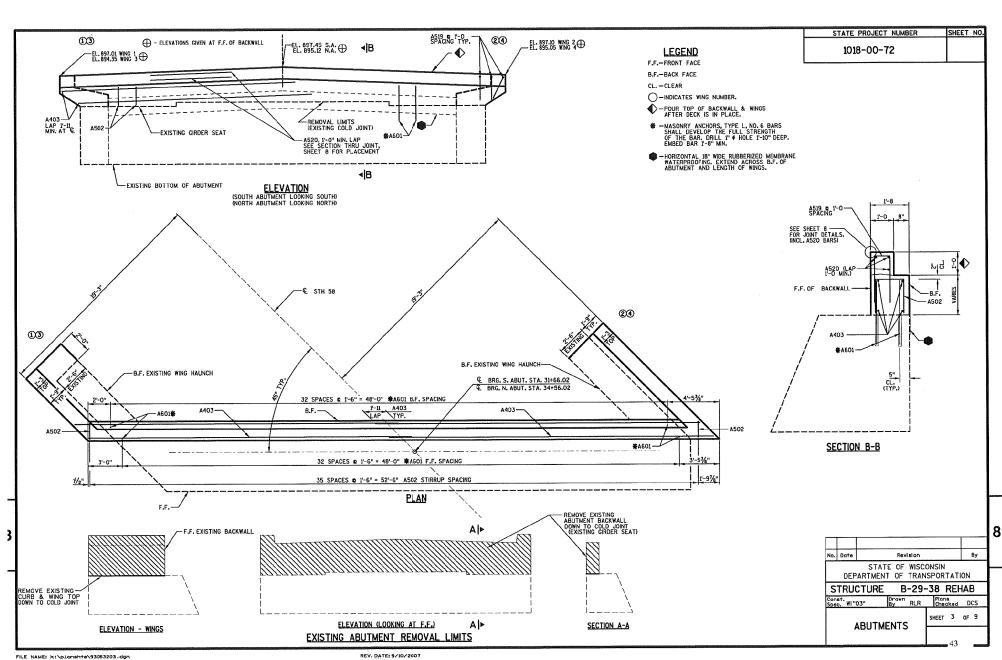




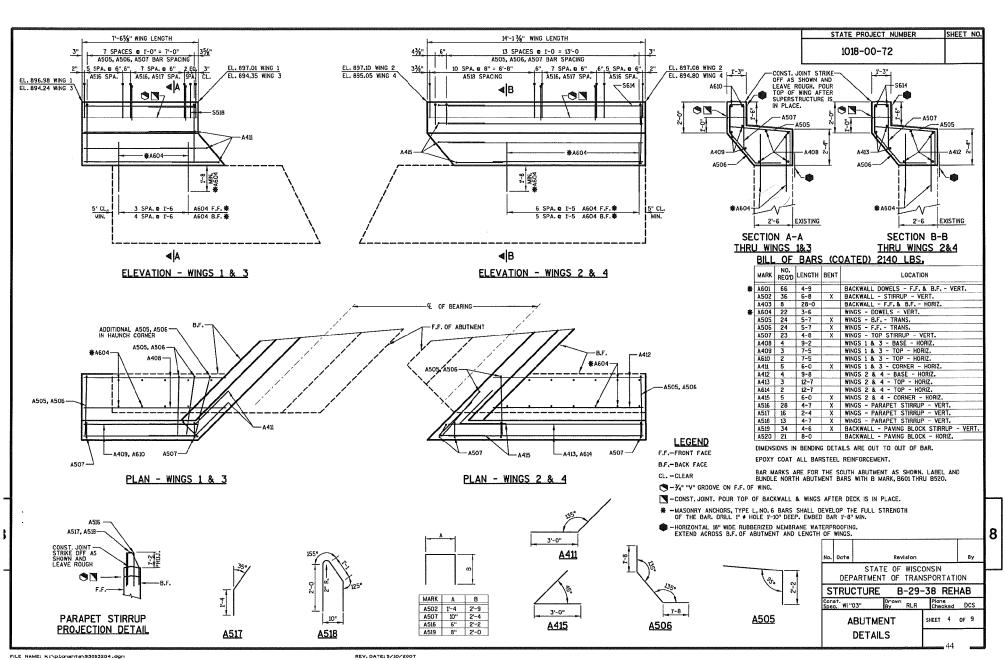


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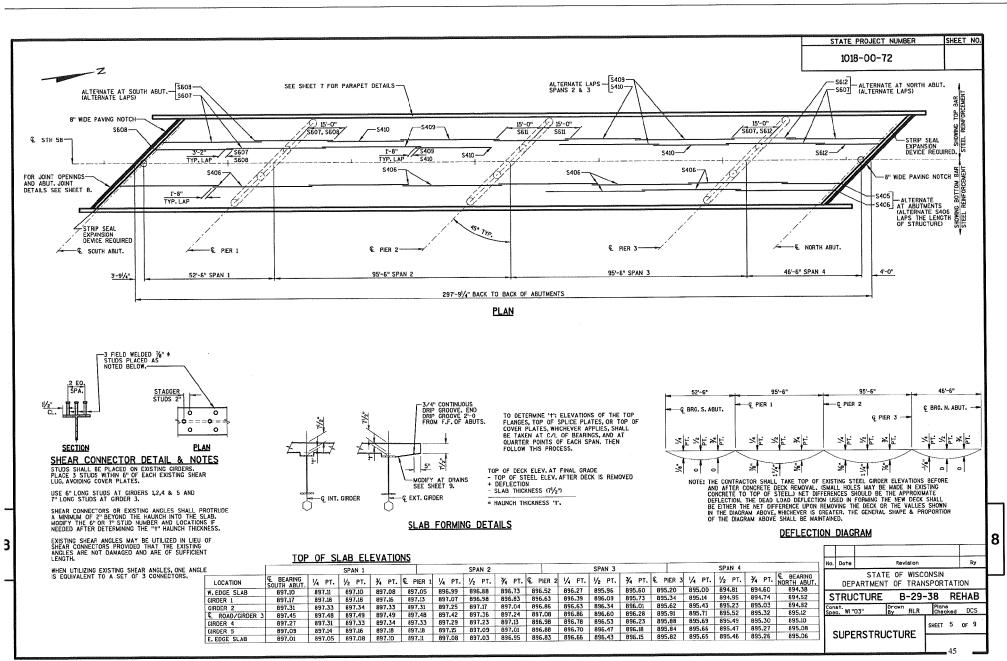
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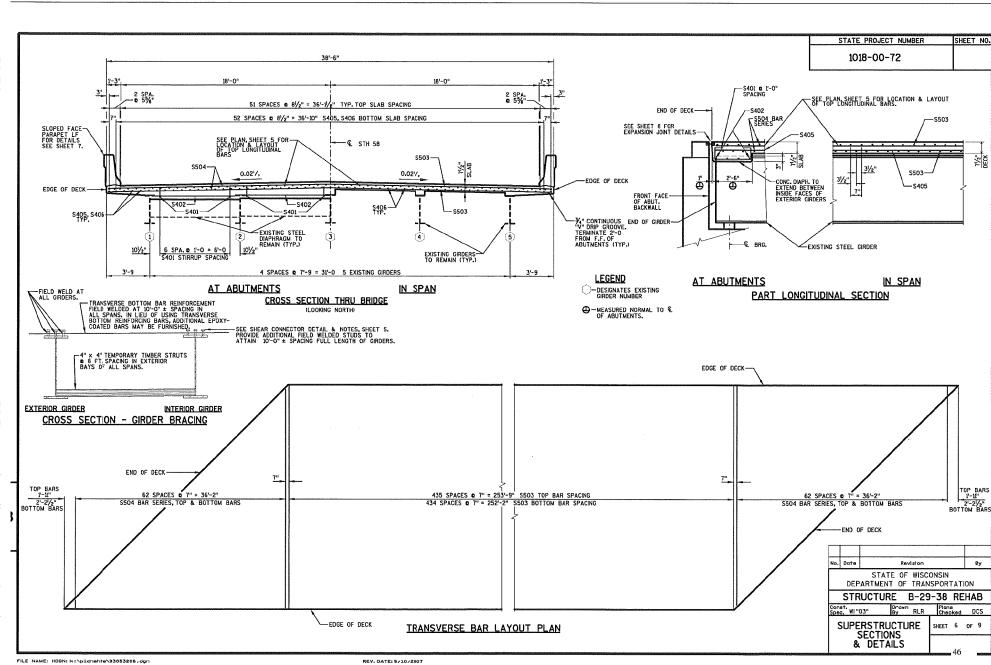
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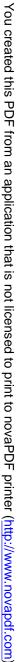
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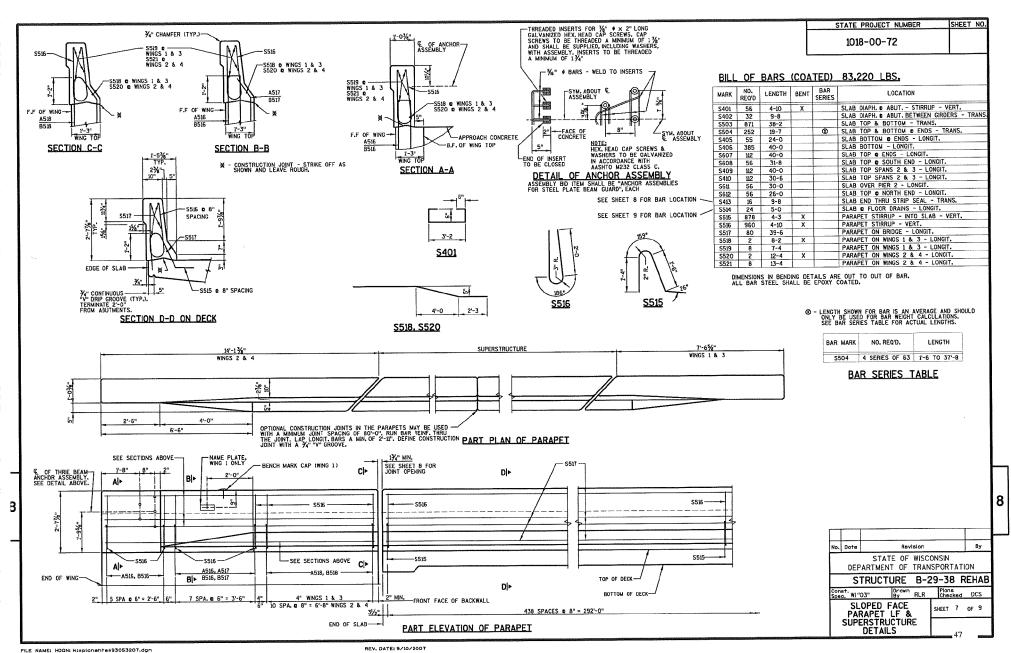


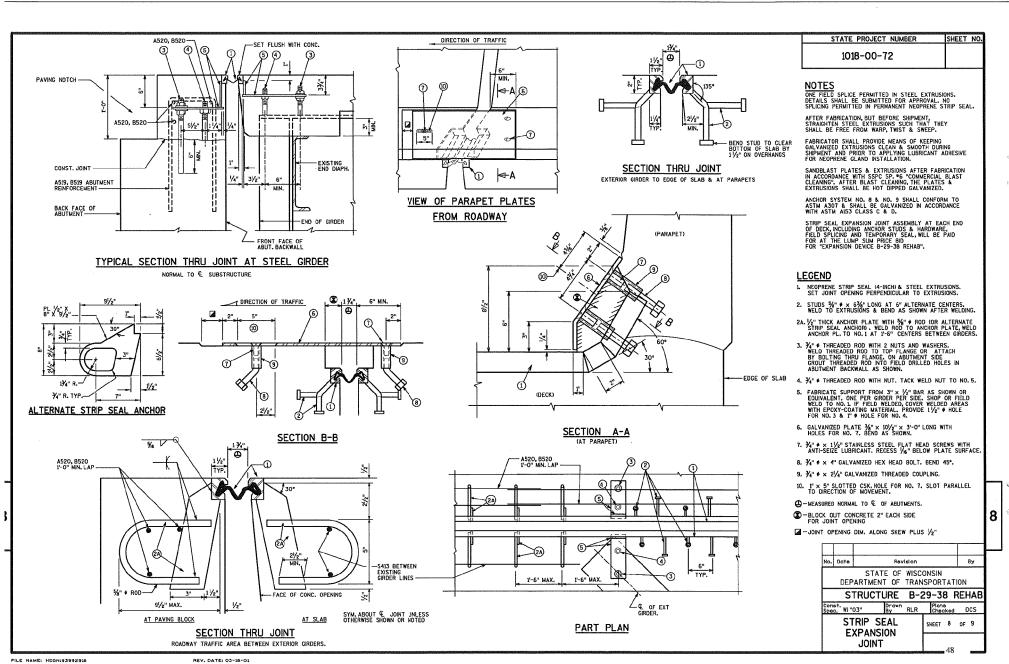
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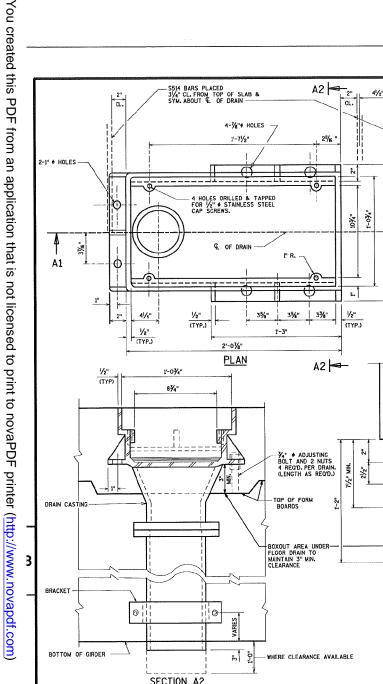
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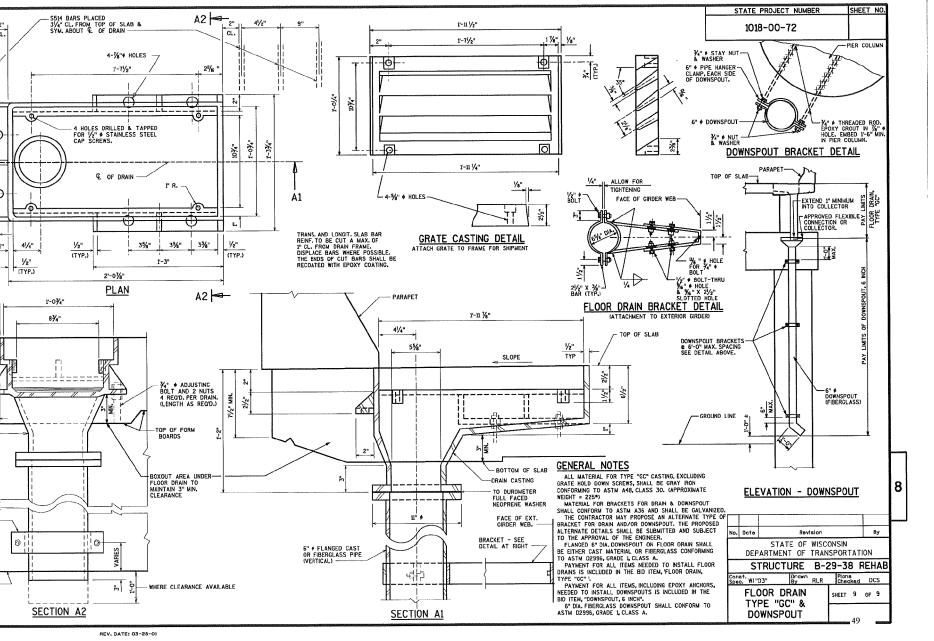




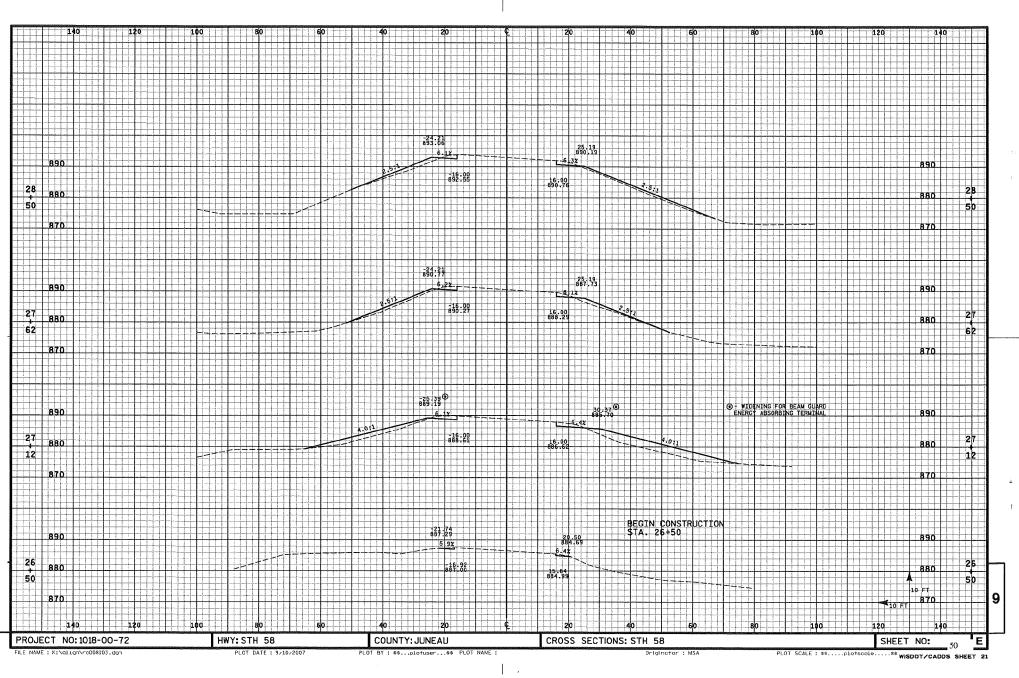
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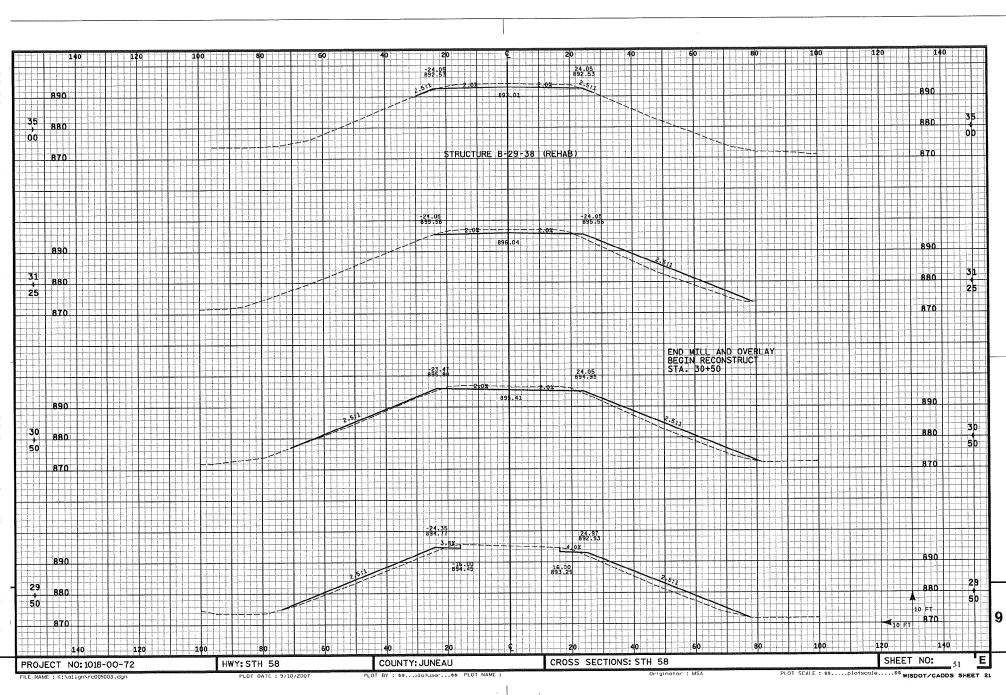


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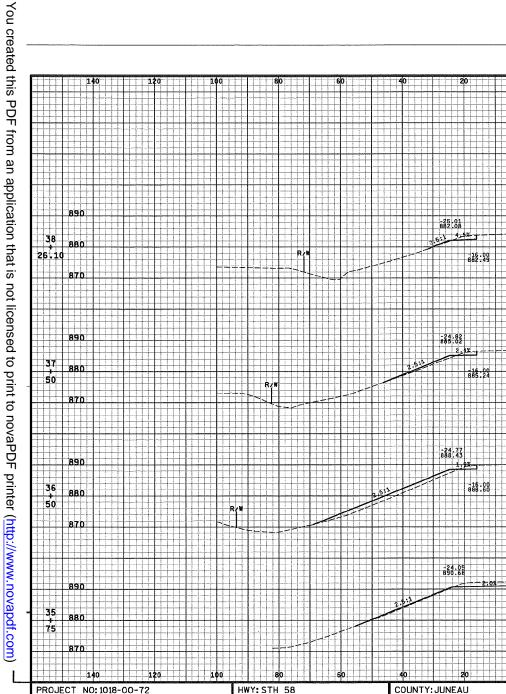


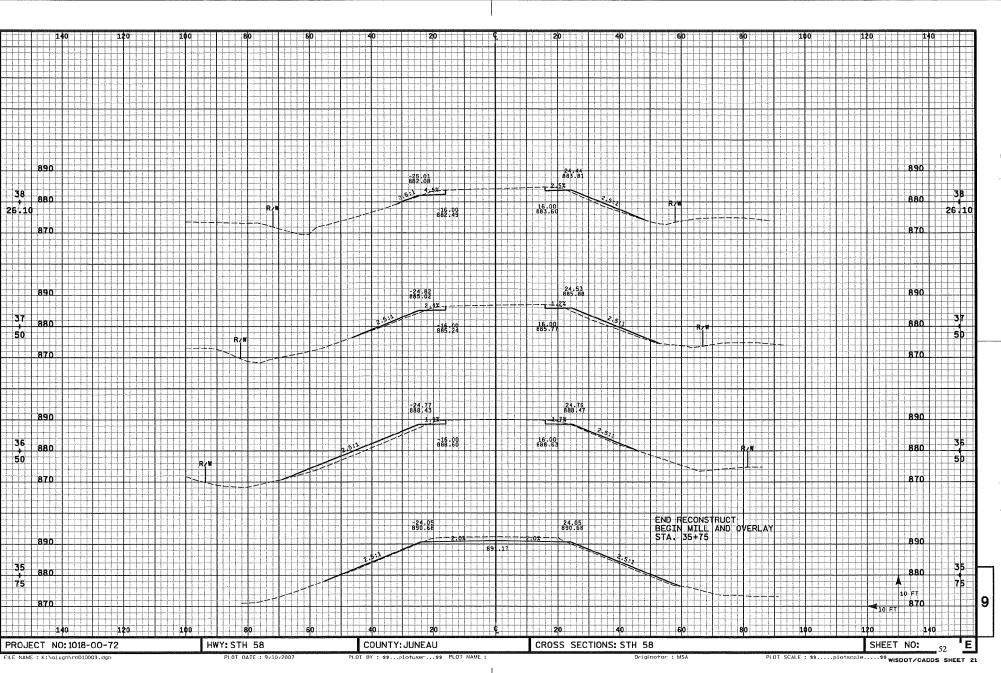
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