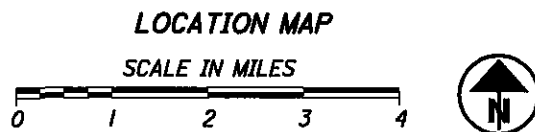


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PORTION TO BE IMPROVED	_____	_____
INTERSTATE & DIVIDED HIGHWAY	_____	_____
UNDIVIDED STATE & FEDERAL ROUTES	_____	_____
OTHER ROADS	_____	_____

NONE

ODOT DISTRICT TWO PRODUCTION
DAVID GECKLE

TITLE SHEET	1
TYPICAL SECTIONS	2
GENERAL NOTES	3
GENERAL SUMMARY	4
SUBSUMMARIES	5
STRUCTURES OVER 20':	
WOO-475-0032 R	6-11
WOO-281-1198	12-20

**TWO WORKING DAYS
BEFORE YOU DIG**

CALL 1-800-382-2764 (TOLL FREE)

**OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY**

A circular professional engineer seal for the State of Ohio. The outer ring contains the text "STATE OF OHIO" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The center of the seal contains the name "JAMES T. BRADLEY" and the registration number "E-45046".

SIGNED: James Bradley
DATE: 2-01-06

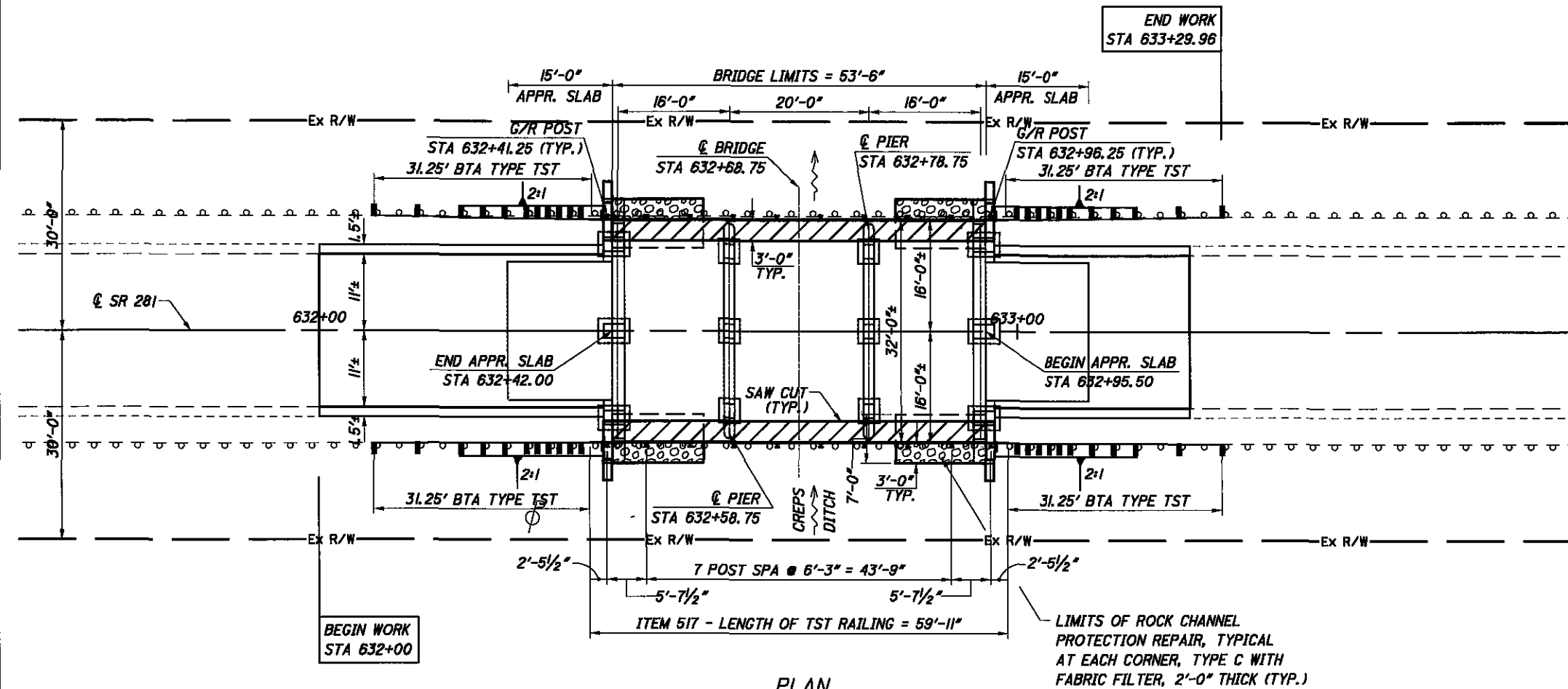
[illegible]

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEETS 8 & 14.

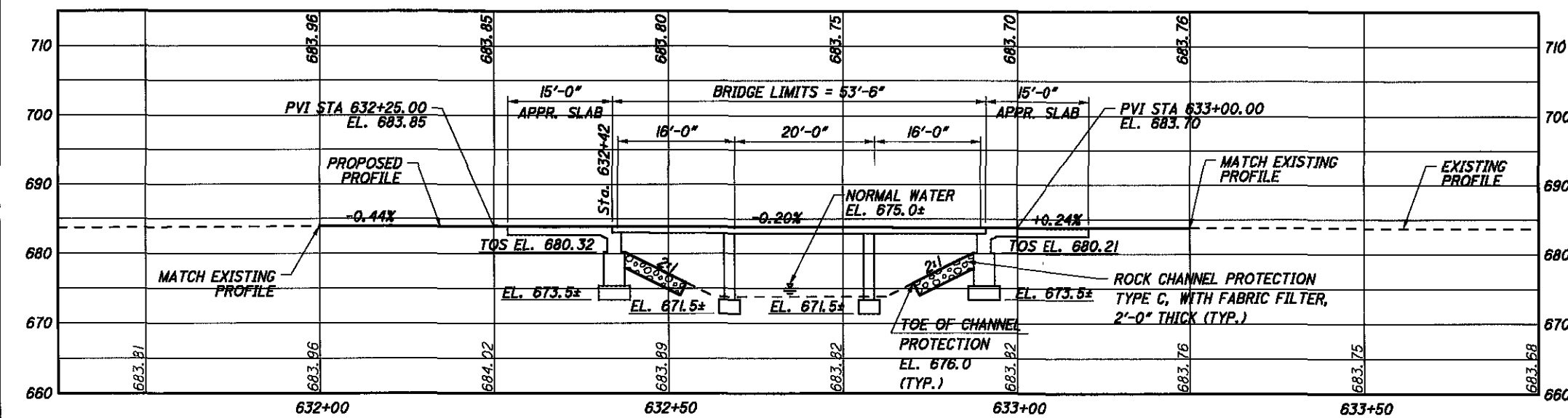
APPROVED *Gordon Hunter Jr*
DATE 2-21-06 DIRECTOR, DEPARTMENT OF
TRANSPORTATION



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PLAN



PROFILE ALONG ϕ SR 281

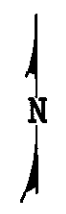
BENCHMARK DATA
TOP OF N/E CORNER OF NORTH
WINGWALL OF FORWARD ABUTMENT
ELEV. 683.41

PROPOSED WORK

1. CLOSE STRUCTURE TO THROUGH TRAFFIC.
2. REMOVE ASPHALT WEARING SURFACE ON BRIDGE APPROACHES.
3. REMOVE DECK EDGES, RAILINGS, PORTIONS OF CONCRETE SLAB, PORTIONS OF PIER CAP & PORTIONS OF ABUTMENT WINGWALL.
4. RECONSTRUCT ABUTMENT WINGWALLS & DECK EDGES.
5. PREPARE EXISTING BRIDGE DECK FOR MICROSILICA CONCRETE OVERLAY WITH HYDRODEMOLITION.
6. PLACE MICRO SILICA MODIFIED CONCRETE OVERLAY.
7. REPLACE ASPHALT WEARING SURFACE ON APPROACHES.
8. SEAL CONCRETE SURFACES.
9. INSTALL NEW TST BRIDGE RAILINGS.
10. SAW GROOVE BRIDGE DECK.
11. OPEN TO TRAFFIC.

EXISTING STRUCTURE

TYPE: CONTINUOUS REINFORCED CONCRETE SLAB ON REINFORCED CONCRETE SUBSTRUCTURE
SPANS: 16'-0" - 20'-0" - 16'-0" C/C BEARINGS
ROADWAY: 32'-0" F/F GUARDRAIL
LOADING: CF = 30 (51)
SKEW: NONE
APPROACH SLABS: AS-1-54 (15' LONG)
ALIGNMENT: TANGENT
CROWN: 1/4" / FT.
STRUCTURAL FILE NUMBER: 8706158
YEAR BUILT: 1955
COORDINATES: N 41°16'58" W 83°39'11"



DESIGN AGENCY	DISTRICT TWO	PRODUCTION DEPARTMENT	DATE	1/30/06
			REVIEWED	EAK
DRAWN	DJG	REVISOR	JTB	STRUCTURE FILE NUMBER
WOOD COUNTY	STA. 632+42.00	STA. 632+95.50	8706158	
S I T E P L A N				
BRIDGE NO. WOO-281-1198				
OVER CREPS DITCH				
WOO-475-0.32				
WOO-281-11.98				
PID No. 80550				
1/9				
12/20				

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ESTIMATED QUANTITIES (WOO-281-1198)

ITEM	ITEM EXT.	UNIT	TOTAL	DESCRIPTION	ABUTS.	PIERS	SUPER	GEN.	SHEET
202	11203	LUMP		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LUMP	2 / 9
503	11100	LUMP		COFFERDAMS, CRIBS AND SHEETING				LUMP	
503	21101	CU YD	39	UNCLASSIFIED EXCAVATION, AS PER PLAN	39				2 / 9
509	10000	POUND	4748	EPOXY COATED REINFORCING STEEL ▲	869		3879		
509	20001	POUND	100	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN ▲				100	2 / 9
510	10000	EACH	318	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	112		206		
511	45700	CU YD	6	CLASS C CONCRETE, ABUTMENT	6				
511	34400	CU YD	14	CLASS S CONCRETE, SUPERSTRUCTURE			14		
SPECIAL	51160000	SQ YD	191	BRIDGE DECK GROOVING			191		
512	10100	SQ YD	49	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	16		33		
516	31000	FT	50	JOINT SEALER	50				
517	70000	FT	119.84	RAILING (TWIN STEEL TUBE)			119.84		
518	21200	CU YD	13	POROUS BACKFILL WITH FILTER FABRIC	13				
SPECIAL	51822300	FT	131	STEEL DRIP STRIP			131		
518	40000	FT	40	6" PERFORATED CORRUGATED PLASTIC PIPE	40				
518	40010	FT	36	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	36				
518	42300	FT	24	8" NON-PERFORATED CORRUGATED STEEL PIPE, INCLUDING SPECIALS, 707.01	24				
519	11101	SQ FT	80	PATCHING CONCRETE STRUCTURE, AS PER PLAN				80	2 / 9
601	32204	CU YD	21	ROCK CHANNEL PROTECTION, TYPE C WITH FABRIC FILTER	21				
626	00300	EACH	6	BARRIER REFLECTOR, TYPE A2				6	
848	10000	SQ YD	191	MICRO SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION (1 3/4" THICK)			191		
848	20000	SQ YD	191	SURFACE PREPARATION USING HYDRODEMOLITION			191		
848	30000	CU YD	4	MICRO SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY			4		
848	50000	SQ YD	29	HAND CHIPPING			29		
848	50320	SQ YD	155	EXISTING CONCRETE OVERLAY REMOVED (1 1/4" NOMINAL THICKNESS)			155		

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

DS-I-92 DATED 7-18-2003
TST-I-99 DATED 10-17-2003

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION:

848 DATED 4-15-2005

DESIGN DATA:

CONCRETE CLASS S - COMPRESSIVE STRENGTH 4500 PSI
(SUPERSTRUCTURE)

CONCRETE CLASS C - COMPRESSIVE STRENGTH 4000 PSI
(SUBSTRUCTURE)

REINFORCING STEEL - ASTM A615 OR A996, GRADE 60, MINIMUM
YIELD STRENGTH 60,000 PSI

DECK PROTECTION METHOD:

EPOXY COATED REINFORCING STEEL
2-1/2" CONCRETE COVER
MICRO SILICA MODIFIED CONCRETE OVERLAY
STEEL DRIP STRIP

ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN:

THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE
PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY
LISTED FOR PAYMENT, EXCEPT FOR WEARING COURSE REMOVAL.
ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING
REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS
THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL
CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE
ENGINEER. THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR
HOE-RAMS WILL NOT BE PERMITTED. THE METHOD OF REMOVAL

AND THE WEIGHT OF HAMMER SHALL BE APPROVED BY THE EN-
GINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT,
ELONGATE OR DAMAGE THE EXISTING REINFORCING STEEL TO BE
PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN
THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL
NOT BE PLACED IN DIRECT CONTACT WITH REINFORCING STEEL
THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE. SUBMIT
CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

CUT LINE CONSTRUCTION JOINT PREPARATION:

SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVALS
1 INCH DEEP. REMOVE CONCRETE TO A ROUGH SURFACE.
LEAVE THE EXISTING REINFORCING STEEL, IF REQUIRED IN
THE PLANS, IN PLACE. INSTALL DOWEL BARS IF SPECIFIED.
PRIOR TO CONCRETE PLACEMENT ABRASIVELY CLEAN JOINT
SURFACES AND EXISTING EXPOSED REINFORCEMENT TO REMOVE
LOOSE AND DISINTEGRATED CONCRETE AND LOOSE RUST. THOR-
OUGHLY CLEAN THE JOINT SURFACE AND EXPOSED REINFORCE-
MENT OF ALL DIRT, DUST, RUST OR OTHER FOREIGN MATERIAL BY
THE USE OF WATER, AIR UNDER PRESSURE, OR OTHER METHODS
THAT PRODUCE SATISFACTORY RESULTS. EXISTING REINFORCING
STEEL DOES NOT HAVE TO HAVE A BRIGHT STEEL FINISH, BUT
REMOVE ALL PACK AND LOOSE RUST. THOROUGHLY DRENCH EXIS-
TING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO
DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

SUBSTRUCTURE CONCRETE REMOVAL:

REMOVE CONCRETE BY MEANS OF APPROVED PNEUMATIC HAMMERS
EMPLOYING POINTED AND BLUNT CHISEL TOOLS. HYDRAULIC HOE-
RAM TYPE HAMMERS WILL NOT BE PERMITTED. THE WEIGHT OF THE
HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL
WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED. OUTSIDE THE
18 INCH LIMIT, THE CONTRACTOR MAY USE HAMMERS NOT EXCEED-
ING 90 POUNDS UPON THE APPROVAL OF THE ENGINEER. DO NOT
PLACE PNEUMATIC HAMMERS IN DIRECT CONTACT WITH REINFORC-
ING STEEL THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE.

ITEM 503, UNCLASSIFIED EXCAVATION, AS PER PLAN:

THE BACKFILL MATERIAL BEHIND THE ABUTMENTS SHALL BE
GRANULAR MATERIAL, 703.17, PLACED AND COMPACTED IN 6
INCH LIFTS AS PER 304.05.

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING
TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS
OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS
AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF
THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY
SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CON-
TRACTOR IS REFERRED TO CMS SECTIONS 102.05, 105.02 AND 513.04.
BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE
UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINA-
TION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT
WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS
AND DIMENSIONS WHICH HAVE BEEN VERIFIED IN THE FIELD.

ITEM 509 REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN:

REPLACE ALL EXISTING REINFORCING BARS DEEMED BY THE ENGINEER
TO BE UNUSABLE BECAUSE OF CORROSION. THE DEPARTMENT WILL
MEASURE THE REPLACEMENT REINFORCING STEEL BY THE NUMBER
OF POUNDS ACCEPTED IN PLACE.

REPLACE ALL EXISTING REINFORCING STEEL BARS WHICH ARE
TO BE INCORPORATED INTO THE NEW WORK AND ARE DEEMED BY
THE ENGINEER TO BE MADE UNUSABLE BY CONCRETE REMOVAL
OPERATIONS WITH NEW EPOXY COATED REINFORCING STEEL OF
THE SAME SIZE AT NO COST TO THE DEPARTMENT.

▲ SEE PROPOSAL NOTE

ITEM 519, PATCHING CONCRETE STRUCTURE, AS PER PLAN:

FROM EXISTING PLANS AND INSPECTION, A QUANTITY OF 80 SQ. FT.
HAS BEEN ESTIMATED TO CONCRETE PATCH EXPOSED AREAS OF EXISTING
DECK AND/OR SUBSTRUCTURES. THE ACTUAL AREA OF PATCHING SHALL
BE DETERMINED BY THE FIELD ENGINEER. PAYMENT SHALL BE MADE
PER SQ. FT. AT THE PRICE BID FOR THE ACTUAL AREA PATCHED AND
SHALL INCLUDE ALL COST FOR LABOR, MATERIALS AND EQUIPMENT.

PRIOR TO THE SURFACE CLEANING SPECIFIED IN 519.04 AND
WITHIN 24 HOURS OF PLACING PATCHING MATERIAL, BLAST CLEAN
ALL SURFACES TO BE PATCHED INCLUDING THE EXPOSED REIN-
FORCING STEEL. ACCEPTABLE METHODS INCLUDE HIGH-PRESSURE
WATER BLASTING WITH OR WITHOUT ABRASIVES IN THE WATER,
ABRASIVE BLASTING WITH CONTAINMENT, OR VACUUM ABRASIVE
BLASTING.

FLAT PATCHES PLACED ON BRIDGE DECKS, SIDEWALKS, APPROACH
SLABS, ETC. SHALL BE PLACED FINISHED AND CURED AS PER CLASS
S CONCRETE, ITEMS 499 AND 511. ON OTHER SURFACES, REMOVE
THE FORMS WITHIN 24 HOURS AFTER PLACING CONCRETE AND FINISH
ALL EXPOSED SURFACES BY RUBBING TO MATCH THE SURROUNDING
SURFACE. APPLY MEMBRANE CURING ACCORDING TO 511.17, METHOD
B, IMMEDIATELY AFTER RUBBING THE SURFACES.

AFTER CURING AND BEFORE FINAL ACCEPTANCE, SOUND ALL PATCHED
AREAS. REMOVE AND REPLACE ALL UNSOUND OR VISIBLY CRACKED AREAS.

BENCHMARK:

THE ENGINEER SHALL FURNISH TO THE CONTRACTOR A BENCH
MARK DISK TO BE INSTALLED IN THE RIGHT WINGWALL OF THE
REAR BRIDGE ABUTMENT. PAYMENT SHALL BE INCLUDED WITH
ITEM 511, CU YD, CLASS C CONCRETE, ABUTMENT.

ESTIMATED QUANTITIES & GENERAL NOTES

WOO-475-0.32
WOO-281-11.98
PID No. 80550

2 / 9
13
20

DESIGN AGENCY
DISTRICT TWO
PRODUCTION DEPARTMENT

DATE
1/30/06
EAK
STRUCTURE FILE NUMBER
8708158
DRAWN
DUG
REVIEWED
DESIGNED
DUG
CHECKED
JTB

ITEM 614, MAINTAINING TRAFFIC

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

NOTICE OF CLOSURE SIGNS, W20-H14, SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD OR RAMP CLOSURE. THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT THE POINT OF CLOSURE.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCHES ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES, GATES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

S.R. 281 JUST EAST OF T.R. 133 (RUDOLPH RD.)
S.R. 281 JUST WEST OF S.R. 25

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES OF THE TYPE AND LOCATION AS FOLLOWS:

TYPE III BARRICADE WITH R11-3b ON S.R. 281
JUST EAST OF S.R. 235

TYPE III BARRICADE WITH R11-3b ON S.R. 281
JUST WEST OF S.R. 25

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF CMS 614.04 AND 614.11.

614, WORK ZONE CENTER LINE,
CLASS II, 642 PAINT 0.03 MILE

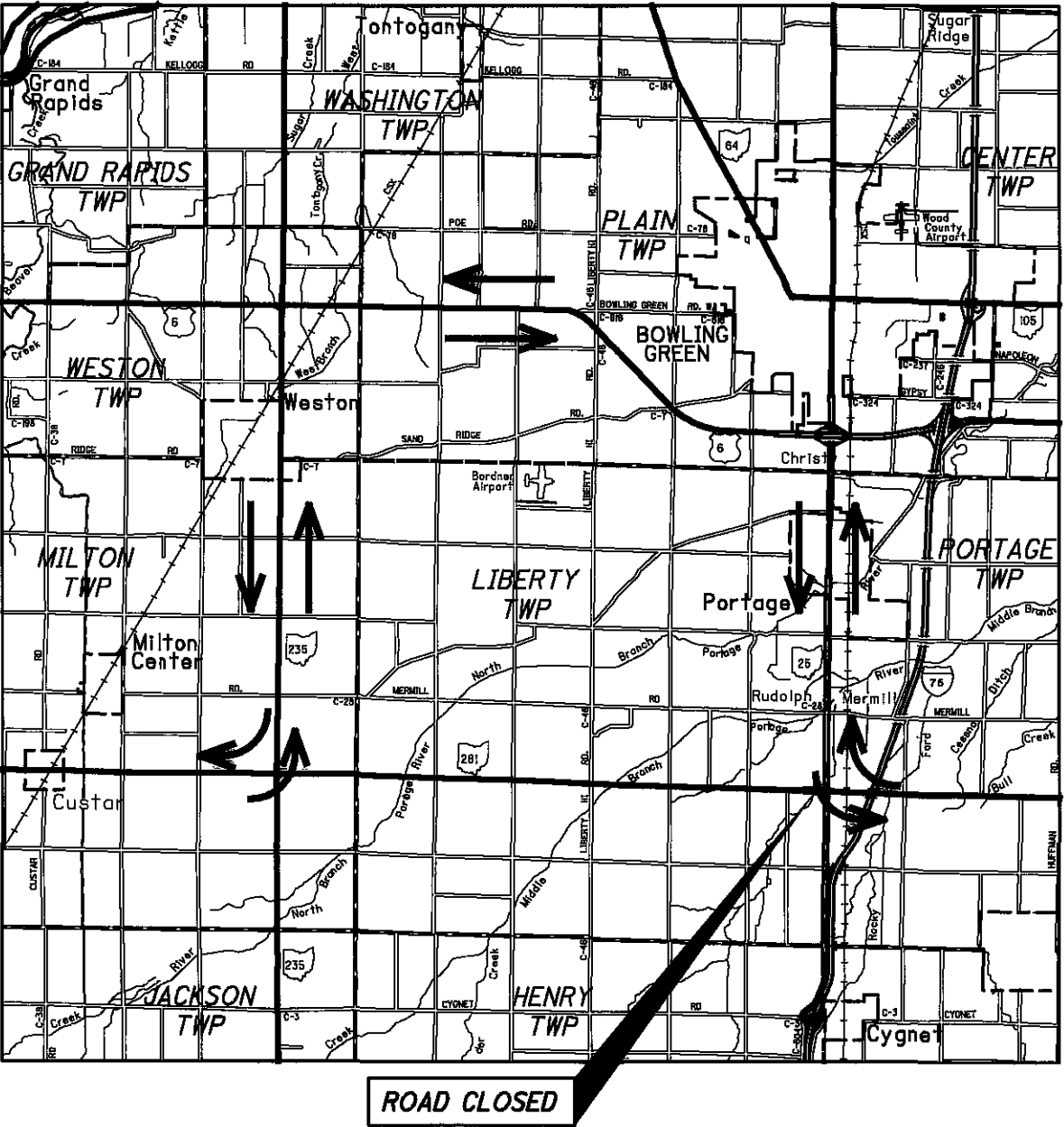
ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

COORDINATION WITH WOO-475-0.32

CONSTRUCTION AND LANE CLOSURES FOR S.R. 281 MAY BE COMPLETED CONCURRENTLY WITH CONSTRUCTION AND LANE CLOSURES FOR I.R. 475.

ALL QUANTITIES HAVE BEEN
CARRIED TO THE GENERAL SUMMARY

DETOUR ROUTE



DETOUR ROUTE FOR EAST BOUND SR 281
1. North Bound on SR 235 to US 6
2. East Bound on US 6 to SR 25
3. South Bound on SR 25 to SR 281

DETOUR ROUTE FOR WEST BOUND SR 281
1. North Bound on SR 25 to US 6
2. West Bound on US 6 to SR 235
3. South Bound on SR 235 to SR 281

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MAINTENANCE OF TRAFFIC PLAN
BRIDGE NO. WOO-281-198
OVER CREPS DITCH

WOO-475-0.32
WOO-281-11.98
PID No. 80550

3/9

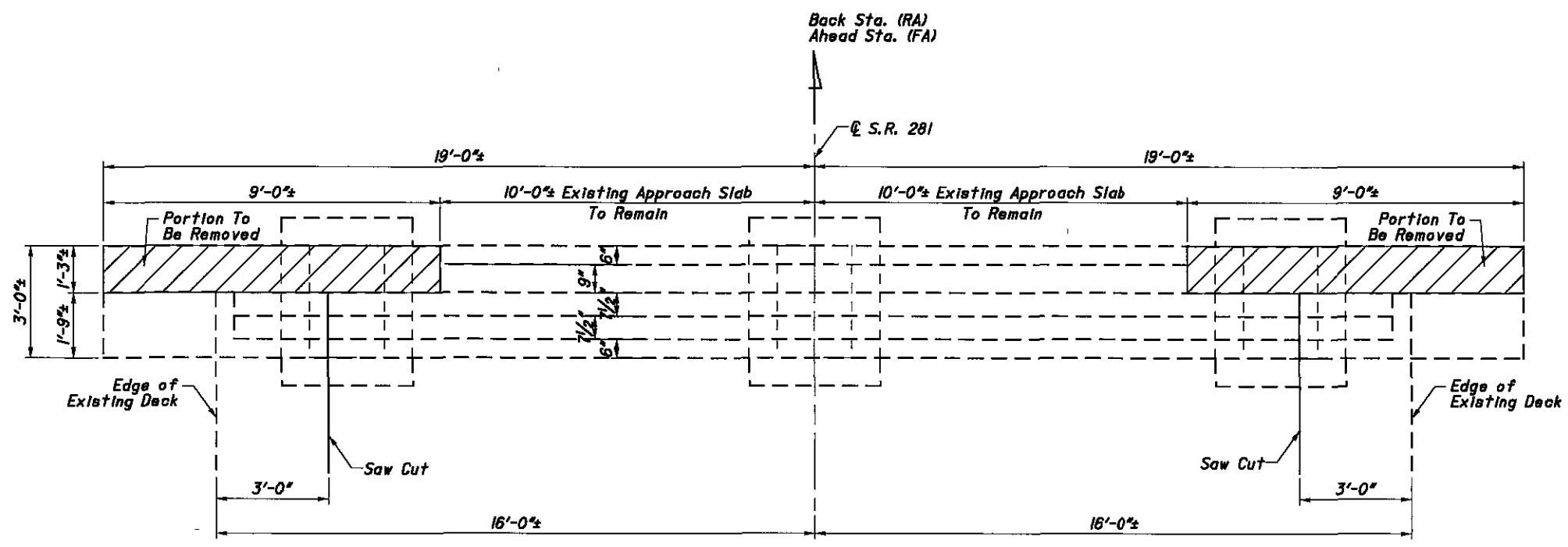
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DESIGN AGENCY
DISTRICT TWO
PRODUCTION DEPARTMENT

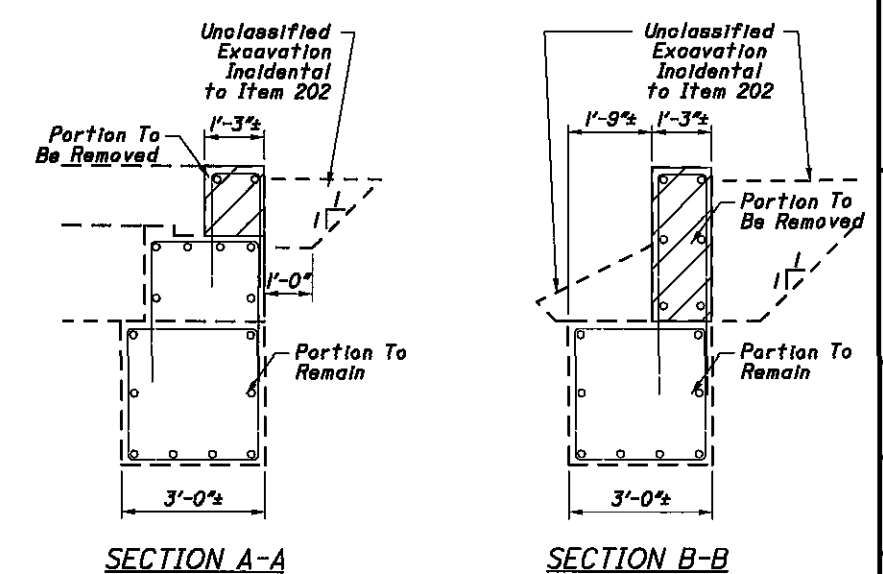
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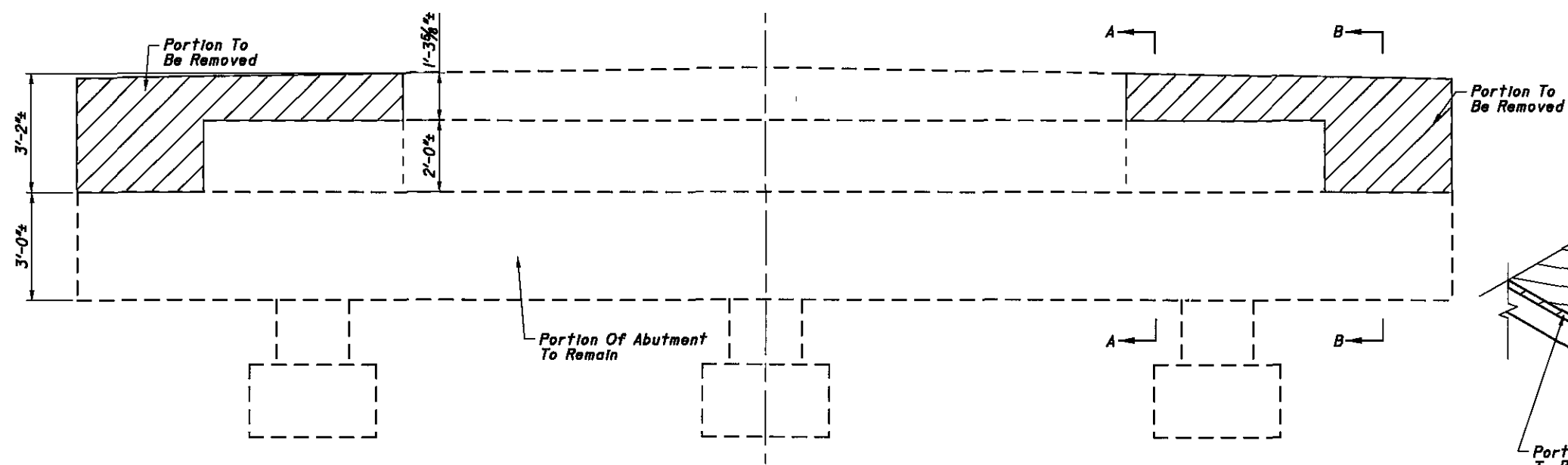


EXISTING ABUTMENT REMOVAL PLAN

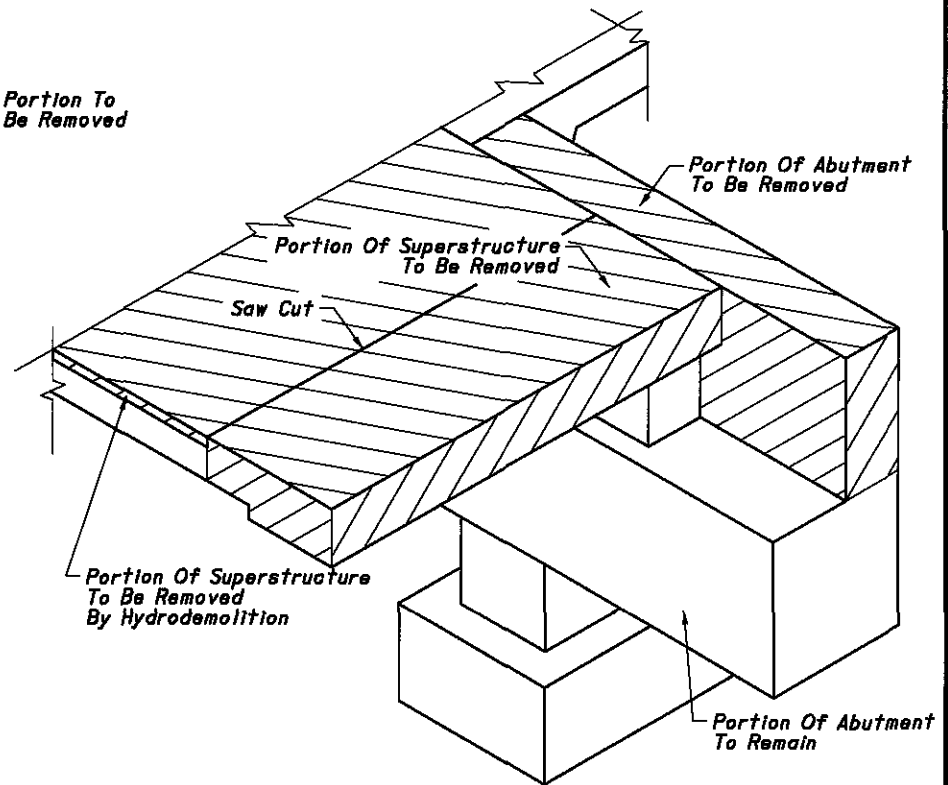


SECTION A-A

SECTION B-B



EXISTING ABUTMENT REMOVAL ELEVATION

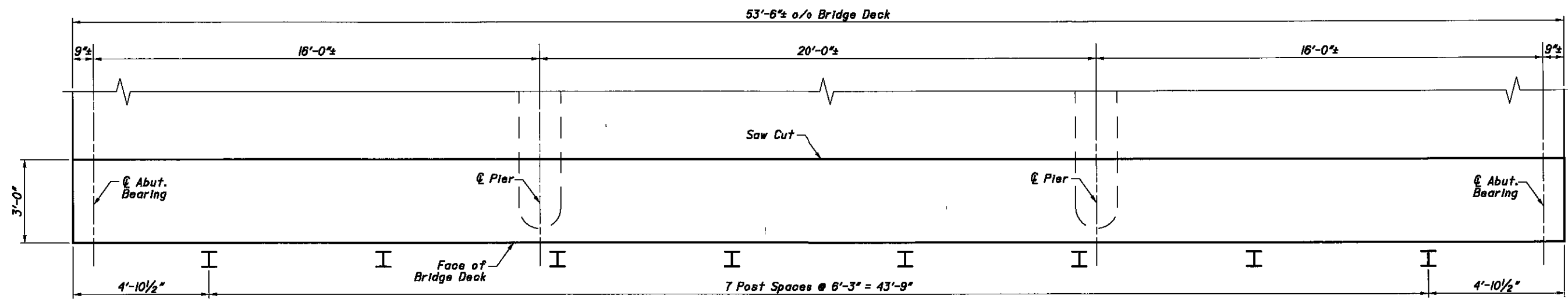


REMOVAL DETAIL

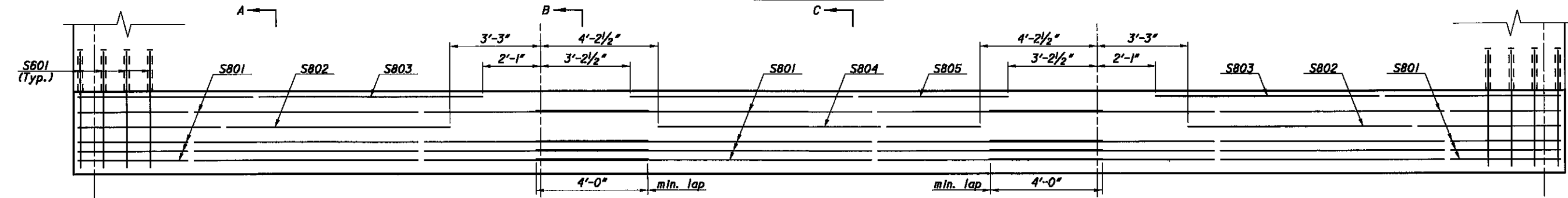
RA - denotes Rear Abutment
FA - denotes Forward Abutment

DESIGN AGENCY	DISTRICT TWO	PRODUCTION DEPARTMENT
DATE	1/30/06	STRUCTURE FILE NUMBER
REVIEWED	EAK	8706158
DRAWN	DIG	REVISED
DESIGNED	DIG	CHECKED
		JTB
ABUTMENT DETAILS		
BRIDGE NO. WOO-281-198		
OVER CREPS DITCH		
WOO-475-0.32	WOO-281-11.98	PID No. 80550
4	9	15
		20

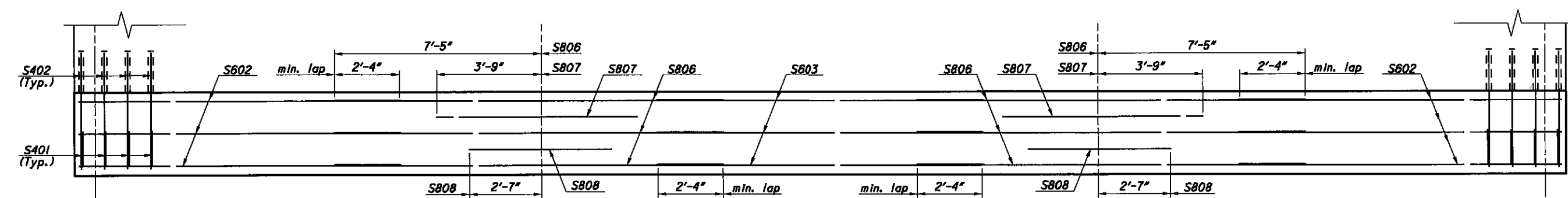
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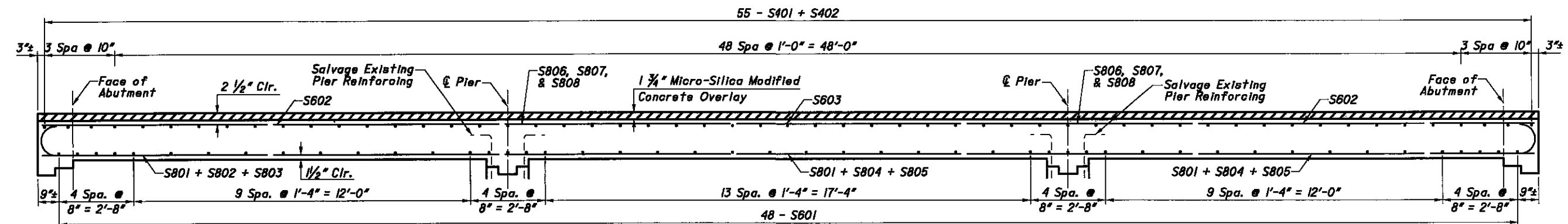
PLAN (DIMENSIONS)



PLAN (BOTTOM REINFORCING)



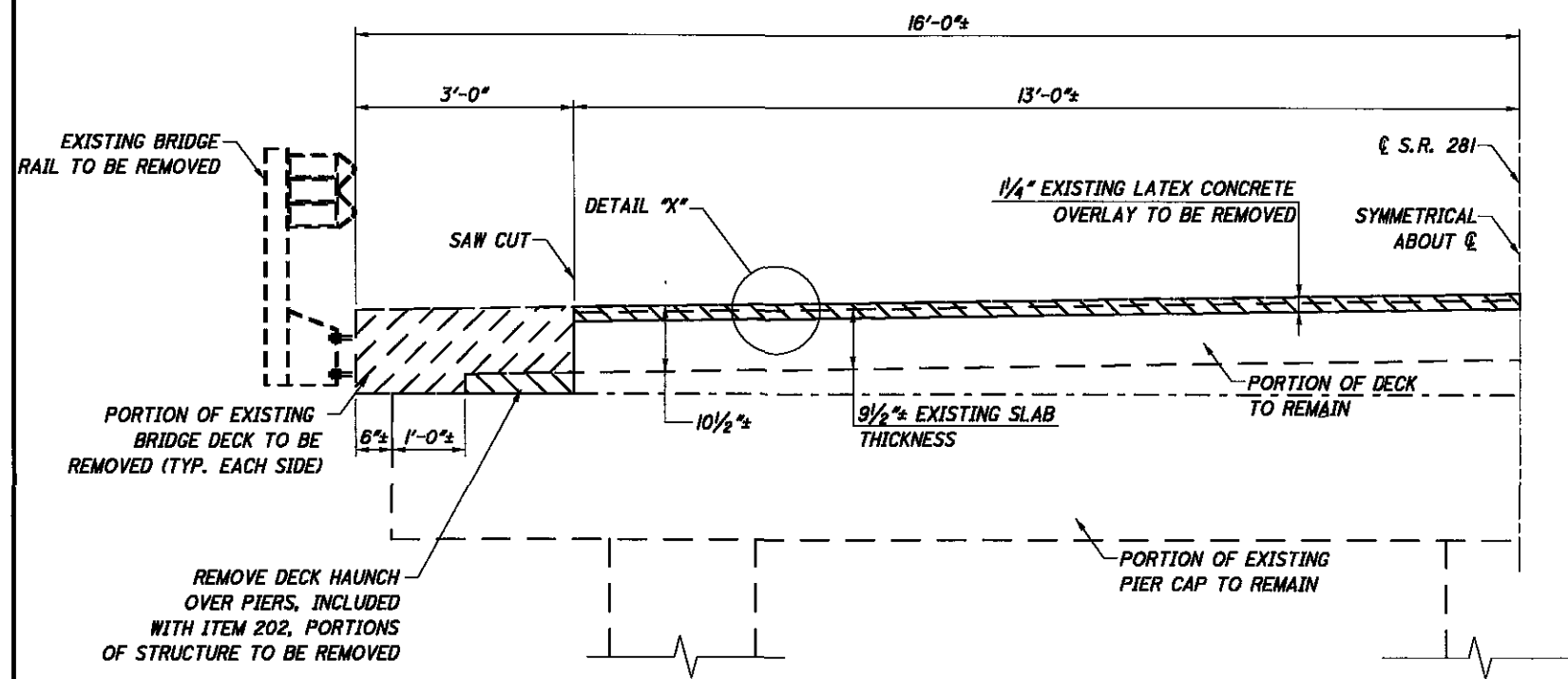
PLAN (TOP REINFORCING)



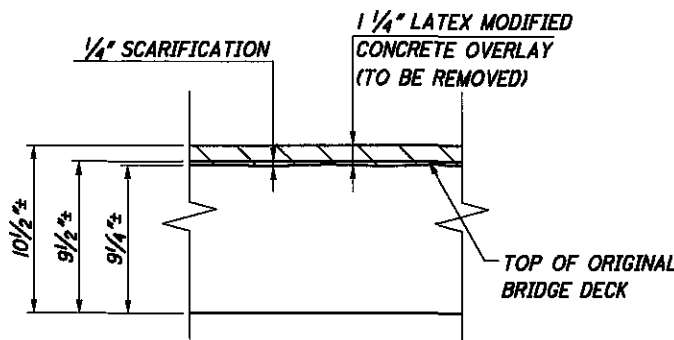
SLAB ELEVATION

<div><div>17</div><div>20</div></div>	6 / 9	WOO-475-0.32 WOO-281-11.98 PID No. 80550	SUPERSTRUCTURE DETAILS BRIDGE NO. WOO-281-1198 OVER CREPS DITCH	DESIGN AGENCY			
				DESIGNED DJG	DRAWN DJG	REVIEWED EAK	DATE 1/30/06
				CHECKED JTB	STRUCTURE FILE NUMBER 8706158		PRODUCTION DEPARTMENT

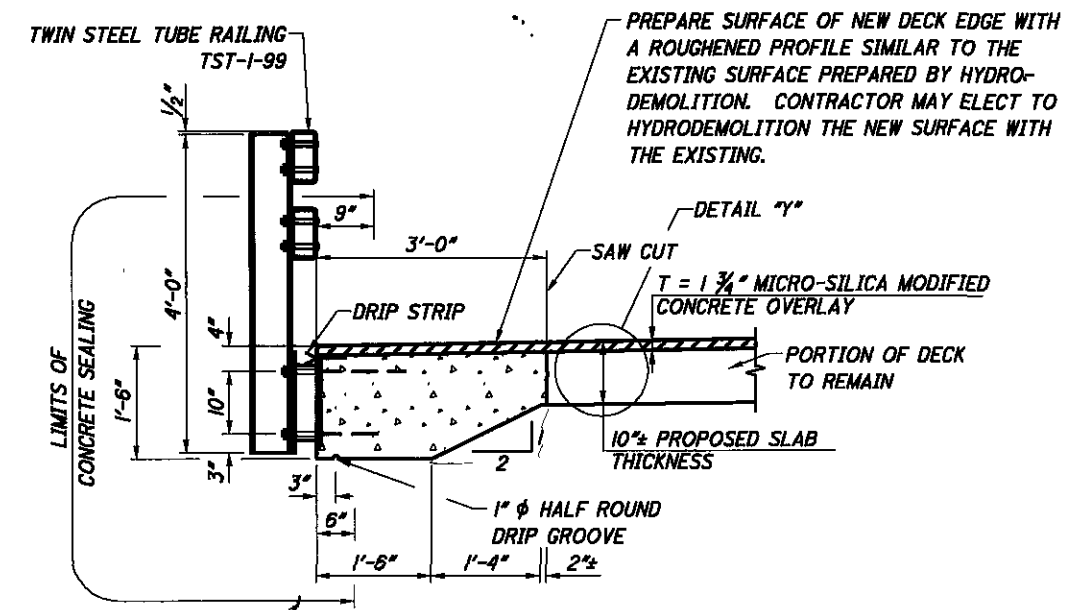
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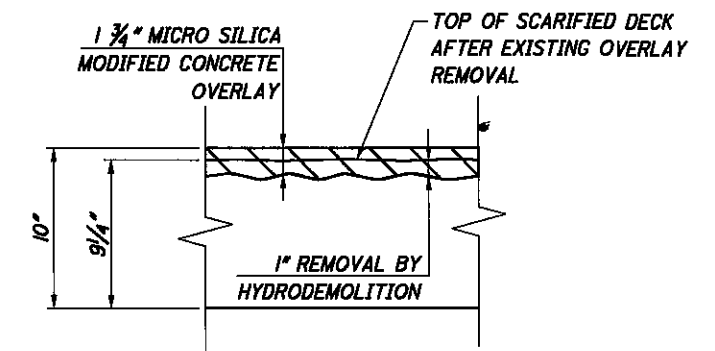
BRIDGE TYPICAL SECTION (REMOVAL)



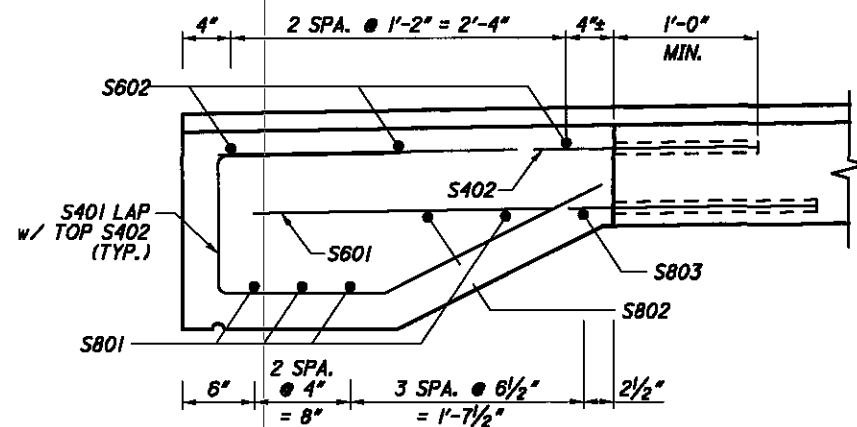
DETAIL X (EXISTING CONDITION)



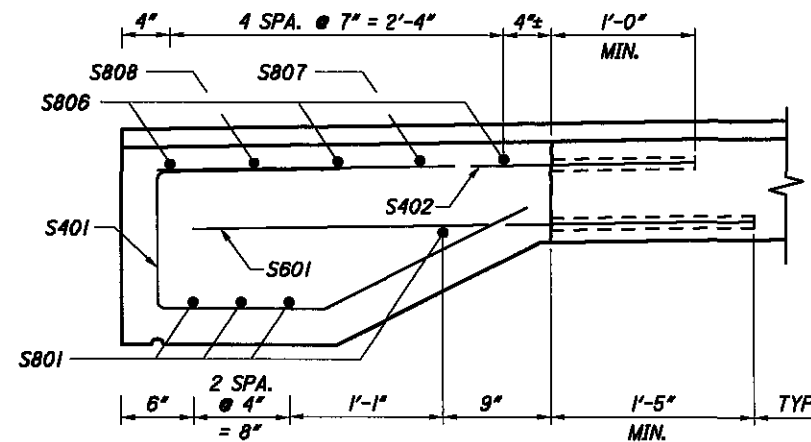
PROPOSED DECK SECTION



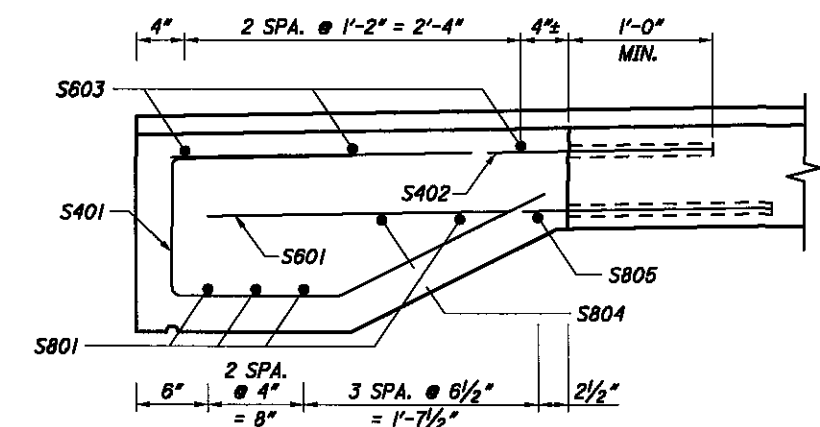
DETAIL Y (PROPOSED)



SECTION A-A



SECTION B-B



SECTION C-C

SUPERSTRUCTURE DETAILS
BRIDGE NO. WOO-281-198
OVER CREPS DITCH

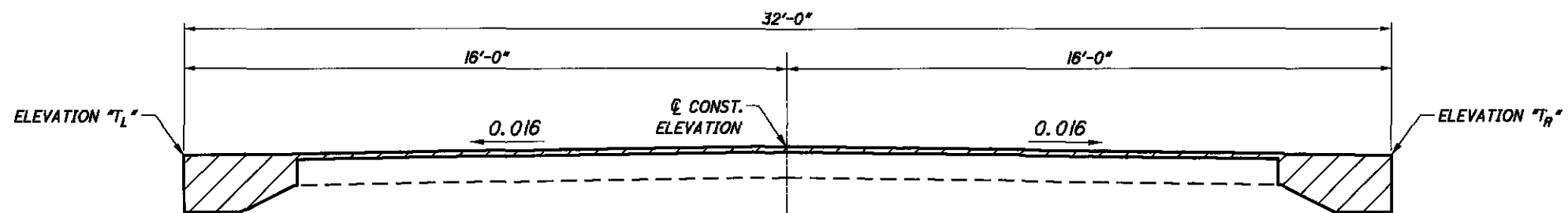
WOO-475-0.32
WOO-281-11.98
PID No. 80550

7/9

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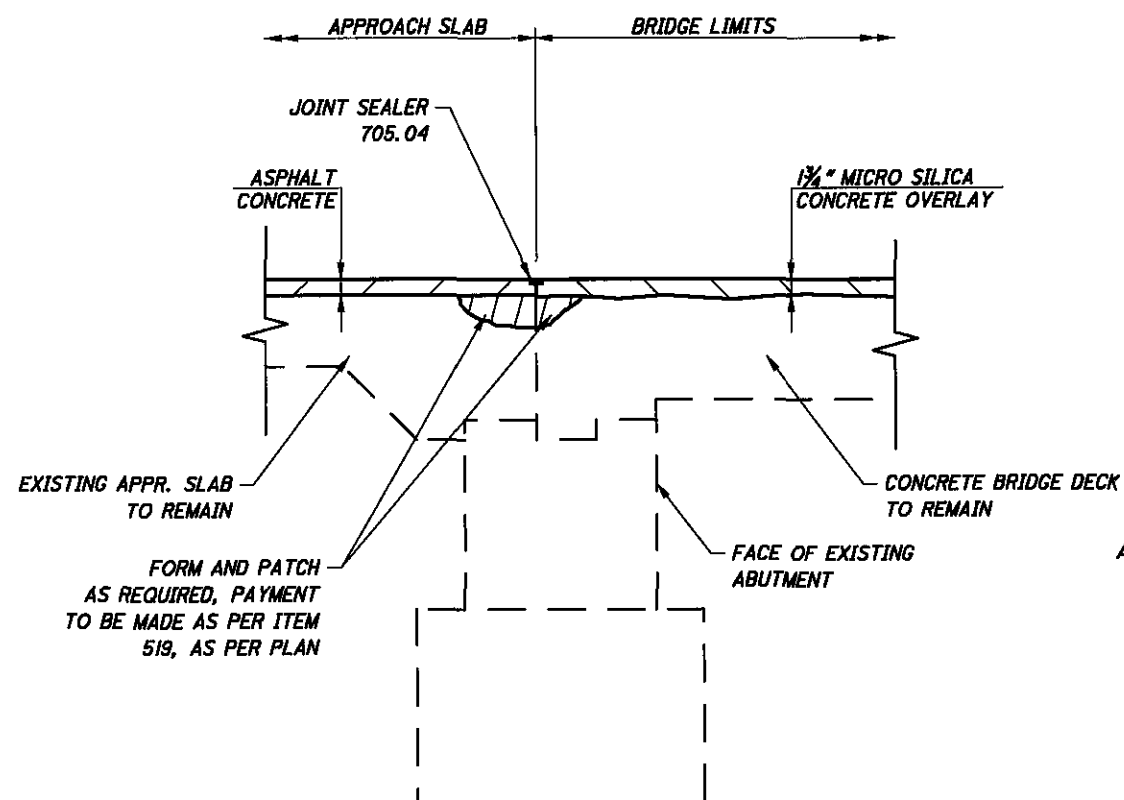
DESIGN AGENCY
DISTRICT TWO
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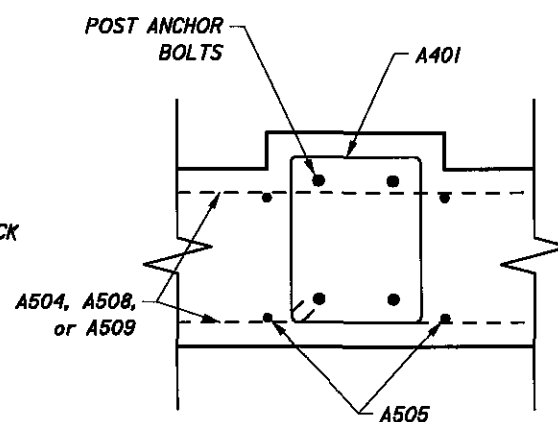


TYPICAL SECTION

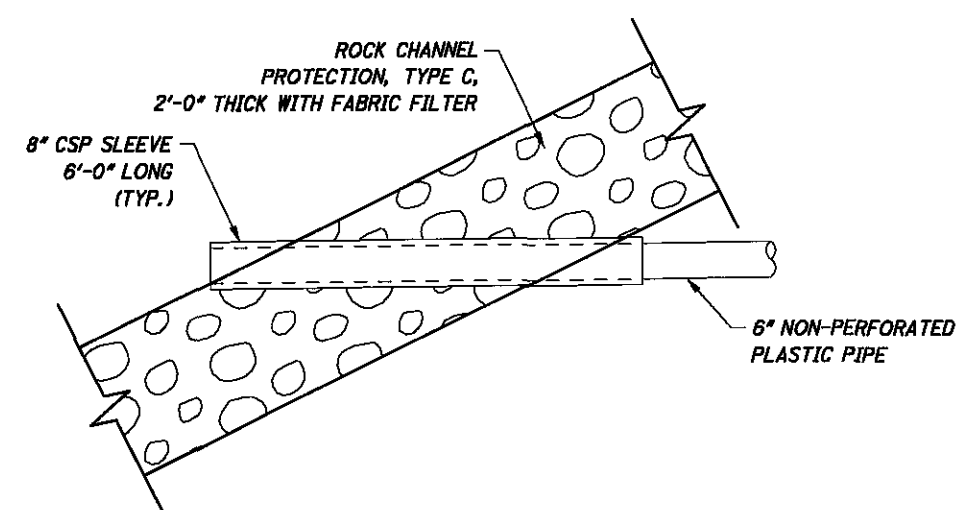
OVERLAY SCREED ELEVATIONS							
LOCATION	℄ BEARING REAR ABUT.	SPAN 1 1/2	℄ PIER NO. 1	SPAN 2 1/2	℄ PIER NO. 2	SPAN 3 1/2	℄ BEARING FWD. ABUT.
ELEVATIONS ALONG T _L & T _R	683.56	683.55	683.53	683.51	683.49	683.48	683.46
ELEVATIONS ALONG ℄ CONST.	683.81	683.80	683.78	683.76	683.74	683.73	683.71



SECTION D-D



SECTION E-E



DRAIN OUTLET DETAIL

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DESIGN AGENCY
DISTRICT TWO
PRODUCTION DEPARTMENT

DATE
1/30/06
EAK
STRUCTURE FILE NUMBER
8706158

DRAWN
DJG
DESIGNED
DJG
CHECKED
JTB

STRUCTURE DETAILS
WOO-281-1198
OVER CREPS DITCH

WOO-475-0.32
WOO-281-11.98
PID No. 80550

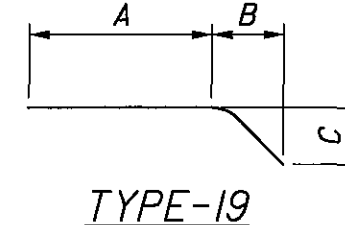
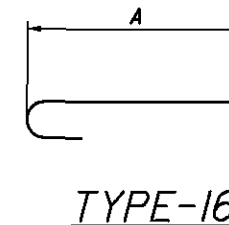
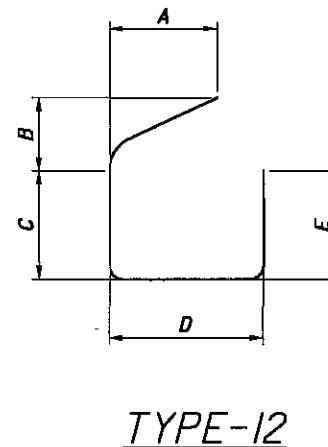
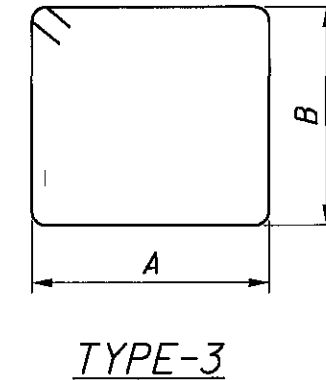
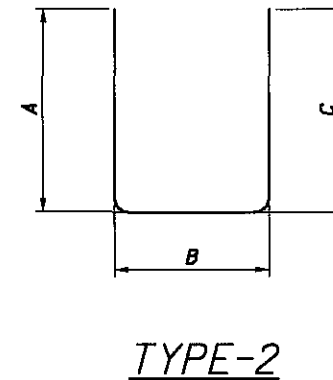
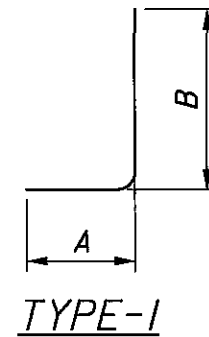
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MARK	NUMBER		TOTAL	LENGTH	TYPE	WEIGHT	DIMENSIONS						
	REAR	FWD					A	B	C	D	E	R	INC.
ABUTMENTS													
A401	8	8	16	4'-8"	3	50	11"	1'-2"					
A501	6	6	12	8'-6"	2	106	3'-11"	11"	3'-11"				
A502	2	2	4	9'-10"	2	41	4'-7"	11"	4'-7"				
A503	12	12	24	3'-3"	Str.	81							
A504	8	8	16	6'-9"	Str.	113							
A505	6	6	12	6'-8"	2	84	3'-0"	11"	3'-0"				
A506	12	12	24	3'-1"	Str.	77							
A507	24	24	48	2'-9"	1	138	10"	2'-1"					
A508	4	4	8	9'-11"	Str.	83							
A509	4	4	8	11'-6"	19	96	8'-3"	2'-11"	1'-5 ³ / ₈ "				
TOTAL ABUTMENTS = 869 LBS													

MARK	NUMBER	LENGTH	TYPE	WEIGHT	DIMENSIONS						
					A	B	C	D	E	R	INC.
SUPERSTRUCTURE											
S401	110	5'-4"	12	392	10 ³ / ₄ "	1'-9 ¹ / ₂ "	1'-3"	1'-0"	1'-3"		
S402	110	3'-9"	Str.	276							
S801	96	3'-11"	Str.	565							
S602	12	11'-5"	Str.	206							
S803	6	11'-8"	Str.	105							
S801	24	20'-5"	Str.	1308							
S802	4	14'-2"	16	151	13'-3"						
S803	4	15'-4"	16	164	14'-5"						
S804	2	11'-7"	Str.	62							
S805	2	13'-7"	Str.	73							
S806	12	13'-11"	Str.	446							
S807	4	7'-2"	Str.	77							
S808	4	5'-1"	Str.	54							
TOTAL SUPERSTRUCTURE = 3,879 LBS											



NOTES

ALL REINFORCING STEEL SHALL BE EPOXY COATED.

THE BAR SIZE IS INDICATED IN THE BAR MARK. THE FIRST DIGIT INDICATES THE BAR SIZE. FOR EXAMPLE, AN A501 IS A #5 BAR. THE DIMENSIONS SHOWN ARE OUT TO OUT UNLESS OTHERWISE INDICATED. "R" INDICATES THE INSIDE RADIUS.

REINFORCING STEEL MAY REQUIRE FIELD CUTTING OR BENDING TO BE PROPERLY FITTED. PAYMENT SHALL BE INCLUDED WITH THE ASSOCIATED CONCRETE ITEM.

REINFORCEMENT SCHEDULE
BRIDGE NO. W00-281-1198
OVER CREPS DITCH

W00-475-0.32
W00-281-11.98
PID No. 80550

9/9

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DESIGN AGENCY
DISTRICT TWO
PRODUCTION DEPARTMENT

DATE
1/30/06
REVIEWED
EAK
STRUCTURE FILE NUMBER
8708158

DRAWN
D.J.G.
DESIGNED
D.J.G.
CHECKED
J.T.B.