AS BUILT #7206

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

SCALE HORIZ 1 INCH = FEET VERT. 1 INCH = FEET
STATION TO STATION CONSTRUCTED LENGTH 3.03 MILE
CONTRACT NO 1898 F A NO CONTRACTOR Scarsella Brothers
WORK BEGUN June 25 1980 WORK COMPLETED Oct. 18 1982
PROJECT ENGINEER R. Arthur Wood DISTRICT TRANSPORTATION ADMINISTRATOR Morrell/Zirkle
APPROVED 19

SECRETARY OF TRANSPORTATION

#7206

MAKE All Changes IN Red INK

BOWO15

FED. ROAD DIV. NO.	STATE	FHWA AND PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
10	WASH	N-TI-43(5)		1	78

INDEX

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65	DETOUR SIGN SPECIFICATIONS
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SHEET NO.	TITLE

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3
MP 48.87 TO MP 51.90
Sheet 1 to 78 Sheets

SR 3
MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

R. A. SPARKS — DESIGNER

A. D. Andrews
DESIGN ENGINEER — APPROVED March 21, 1980
CONTRACT NUMBER 1898 — SHEET 1 OF 78 SHEETS

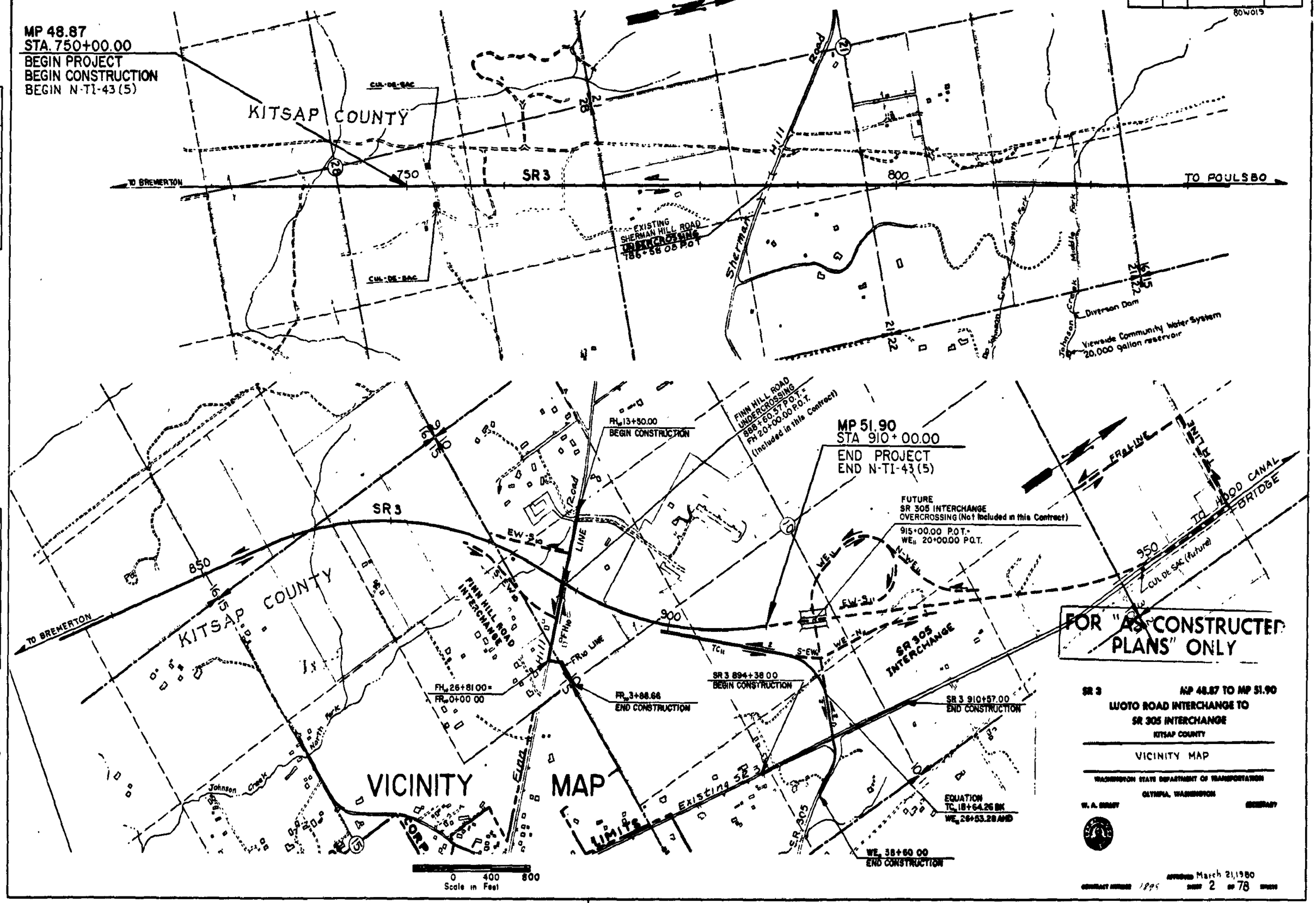
DATE	REVISION	BY
4-16-80	Rev. Total No. Of Sheets In All Sheets	R.B.

SR 3/52

10	WASH.	N-TI-43(5)	2 of 78

80W019

T.26N.,R.1E.,W.M.



SR3 Silverdale to Thompson Rd
MP 49 to Jct SR 305
L-4983
Sheet 2 of 63 Sheets

FED ROAD DIV NO	STATE	FED AID PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
10	WASH.	N-TI-43(5)		3	78

80W019

PROJECT LIMITS:
SR3 STA. 750+00.00 TO STA. 910+00.00
AND INCIDENTAL LINES

SUMMARY OF QUANTITIES

LENGTH: 16,000 L.F.= 3.030 MILES

N-TI-43(5)

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM	Standard Item Number	GROUP 1: SR3 750+00 TO 910+00	GROUP 1: TC_{11} & WE_{11} 26+53.28 TO 30+80.48	GROUP 1: WE_{11} 30+80.48 TO 38+60 & FR_{11} LINE	GROUP 1: EXISTING SR3	GROUP 1: FH_{10}, FR_{10} & FHD_{10} LINES	GROUP 2: EROSION CONTROL	GROUP 3: FINN HILL ROAD U'XING	GROUP 4: E.E.O. TRAINING
1	LUMP SUM	L.S.	MOBILIZATION	0001	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	
2	78.6	ACRE	CLEARING	0005	61.4	13.3	0.9		3.0			
3	28,410	L.F.	CLEARING FENCE LINE 3 FT. WIDTH	0010	24,850	3,560						
4	6,520	L.F.	CLEARING FENCE LINE 10 FT. WIDTH	0015	5,025	1,495						
5	73.9	ACRE	GRUBBING	0020	56.7	13.3	0.9		3.0			
6	LUMP SUM	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTION	0050	L.S.	L.S.	L.S.	L.S.	L.S.			
7	6,540	S.Y.	REMOVING ASPHALT CONCRETE PAVEMENT	0120			3,240		3,300			
8	800	L.F.	REMOVING ASPHALT CONCRETE CURB	0140			745	55				
9	460	S.Y.	REMOVING TRAFFIC ISLAND	0150			460					
10	5,000	L.F.	REMOVING TEMPORARY STRIPING	0187			1,600	1,600	1,800			
			GRADING									
11	768,225	C.Y.	ROADWAY EXCAVATION	0300	665,205	95,995	790		6,235			
12	13,500	C.Y.	UNSUITABLE FOUNDATION EXCAVATION INCLUDING HAUL	0350	13,500							
13	21,600	L.F.	SLOPE TREATMENT CLASS A	0380						21,600		
14	158,970	UNIT	HAUL	0400	146,350	8,660	2,760		1,200			
15	630,065	C.Y.	EMBANKMENT COMPACTION	0470	572,470	32,820	8,705		16,070			
16	EST. 50,000	DOLLAR	AERATION	0490	EST. 45,500	EST. 2,500	EST. 700		EST. 1,300			
17	EST. 10,000	DOLLAR	EXCESSIVE MOISTURE CONTROL DITCHING		EST. 10,000							
			DRAINAGE									
18	2,865	C.Y.	DITCH EXCAVATION INCLUDING HAUL	1030	2,055		760		50			
19	1,730	C.Y.	RETENTION POND EXCAVATION INCLUDING HAUL		1,730							
20	5	EACH	GRATE INLET TYPE 1 OR 2	1055	5							
21	1,025	TON	4 INCH QUARRY ROCK		1,025							
22	3,820	TON	8 INCH QUARRY ROCK	1077	1,800	465	310			1,245		
23	90	C.Y.	HAND PLACED RIPRAP	1072						90		
24	880	TON	LIGHT LOOSE RIPRAP	1073						880		
25	40	TON	HEAVY LOOSE RIPRAP	1075						40		
26	4	EACH	FLARED END SECTION 36 INCH DIAMETER	1106	4							
27	2	EACH	FLARED END SECTION 60 INCH DIAMETER	1110	2							
28	80	L.F.	UNDERDRAIN PIPE 6 IN. DIAMETER	1160					80			
29	3,060	L.F.	UNDERDRAIN PIPE 8 IN. DIAMETER	1161	3,060							
30	110	L.F.	DRAIN PIPE 8 IN. DIAMETER	1171	50				60			
31	50	L.F.	DRAIN PIPE 12 IN. DIAMETER	1173	50							
32	325	L.F.	SCHEDULE A CULVERT PIPE 12 IN. DIAMETER	1180	130				195			

NOTE. *For special features see special provisions.*

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. SHALEY — SECRETARY

DATE	REVISION	BY
4-16-80	Added Item 17, Rev. Item Nos. Rev. Quantities	R.B.

1898 — CONTRACT NUMBER

March 21, 1980 — APPROVED

SHEET 3 OF 78 SHEETS

SR 3 MP 49 to SR 305 sheet 3 of 63 sheets

FED ROAD DIV NO	STATE	FED AID PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
10	WASH.	N-TI-43(5)		4	78

BOW019

PROJECT LIMITS:

SUMMARY OF QUANTITIES

LENGTH:

N-TI-43(5)

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM	Standard Item Number	GROUP 1 SR3 750+00 TO 910+00	GROUP 1 TC_{11}&WE_{11} 26+53.28 TO 30+80.48	GROUP 1 WE_{11} 30+80.48 TO 38+60 & FR_{11} LINE	GROUP 1 EXISTING SR3	GROUP 1 FH_{10},FR_{10} & FHD_{10} LINES	GROUP 2 EROSION CONTROL	GROUP 3 FINN HILL ROAD U'XING	GROUP 4 E.E.O. TRAINING
33	1,924	L.F.	SCHEDULE A CULVERT PIPE 18 IN. DIAMETER	1182	1,666	118		94	46			
34	120	L.F.	SCHEDULE A CULVERT PIPE 24 IN. DIAMETER	1184	108				12			
35	990	L.F.	TR.2 STEEL CULVERT PIPE 0.064 IN. THICK 18 IN. DIAM.	1413	990							
36	140	L.F.	TR.2 STEEL CULVERT PIPE 0.064 IN. THICK 36 IN. DIAM.	1416	140							
37	386	L.F.	TR.2 STEEL CULVERT PIPE 0.138 IN. THICK 36 IN. DIAM.	1437	386							
38	482	L.F.	STEEL STRUCTURAL PLATE PIPE 1 GAGE 60 IN. DIAM.	2126	482							
			SEWER									
39	5	EACH	MANHOLE UNDER 12 FEET 48 INCH DIAM.	3020	5							
40	LUMP SUM	L.S.	RETENTION POND OUTLET CONTROL SYSTEM		L.S.							
41	1	EACH	CATCH BASIN TYPE 2	3092	1							
42	1,965	L.F.	TESTING SEWER PIPE	3150	1,965							
43	232	L.F.	PLAIN CONCRETE OR V.C. SEWER PIPE 12 INCH DIAM.	3164	232							
44	1,817	L.F.	PLAIN CONCRETE OR V.C. SEWER PIPE 15 INCH DIAM.	3165	1,817							
			STRUCTURE									
45	350	C.Y.	STRUCTURE EXCAVATION CLASS A	4005							350	
46	LUMP SUM	L.S.	SHORING AND CRIBBING OR EXTRA EXCAVATION CLASS A	4015							L.S.	
47	160	C.Y.	GRAVEL BACKFILL FOR WALL	4025							160	
48	29,700	LB.	STEEL REINFORCING BAR FOR BRIDGE	4149							29,700	
49	54	C.Y.	CONCRETE CLASS AX FOR BRIDGE	4169							54	
50	53	C.Y.	CONCRETE CLASS A SPECIAL	4167							53	
51	76	C.Y.	CONCRETE CLASS B FOR BRIDGE	4175							76	
52	165	S.Y.	EXPOSED AGGREGATE FINISH	4195							165	
53	LUMP SUM	L.S.	SUPERSTRUCTURE - FINN HILL ROAD UNDERCROSSING	4300							L.S.	
54	475	S.Y.	MEMBRANE WATERPROOFING (DECK SEAL)	4455							475	
55	260	L.F.	ELECTRICAL CONDUIT								260	
			SURFACING									
56	36,090	TON	GRAVEL BASE CLASS B	5060	25,300	5,380	1,430		3,940			
57	19,640	TON	CRUSHED SURFACING TOP COURSE	5120	13,290	3,020	1,050		2,280			
			LIQUID ASPHALT									
58	1,560	TON	PAVING ASPHALT AR-4000W	5320	1,090	250	75	25	120			
59	24	TON	ASPHALT FOR TACK COAT	5325	16	4	1	2	1			

FOR "AS CONSTRUCTED PLANS" ONLY

NOTE. For special features see special provisions

SR 3 MP 44 TO JCT. SR 305 sheet 4 of 63 sheets

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. FERRY SECRETARY

DATE	REVISION	BY
5-23-80	Rev. Quantities Items 49, 50 & 51	R.B.
4-16-80	Rev. Item Nos.	R.B.

1898 CONTRACT NUMBER

approved March 21, 1980

SHEET 4 OF 78 SHEETS

JE 3/02

FED ROAD DIV NO	STATE	FED AID PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
10	WASH.	N-TI-43(5)		5	78

8W019

PROJECT LIMITS:

SUMMARY OF QUANTITIES

LENGTH:

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM	Standard Item Number	N-TI-43(5) GROUP 1 SR3 750+00 TO 910+00	GROUP 1 TC_{11}&WE_{11} 26+53.28 TO 30+80.48	GROUP 1 WE_{11} 30+80.48 TO 38+60 & FR_{11} LINE	GROUP 1 EXISTING SR3	GROUP 1 FH_{10}, FR_{10} & FHD_{10} LINES	GROUP 2 EROSION CONTROL	GROUP 3 FINN HILL ROAD U'XING	GROUP 4 E.E.O. TRAINING
60	EST. 15,600	DOLLAR	ASPHALT CEMENT ADJUSTMENT	5335	EST. 10,900	EST. 2,500	EST. 750	EST. 250	EST. 1,200			
			ASPHALT CONCRETE PAVEMENT									
61	2.8	MILE	PREPARATION OF UNTREATED ROADWAY	5700	2.8							
62	11,150	TON	ASPHALT CONCRETE PAVEMENT CLASS B EXCL. PAVING ASPHALT	5735	7,090	1,630	400		2,030			
63	14,400	TON	ASPHALT CONCRETE PAVEMENT CLASS E EXCL. PAVING ASPHALT	5750	11,040	2,520	840					
64	360	TON	ASPHALT CONCRETE PAVEMENT CLASS G EXCL. PAVING ASPHALT	5760				360				
			SEEDING AND PLANTING									
65	60.8	ACRE	SEEDING, FERTILIZING AND MULCHING	6414						60.8		
66	60.8	ACRE	SECOND APPLICATION OF FERTILIZER	6427						60.8		
67	EST. 65,000	DOLLAR	TEMPORARY WATER POLLUTION CONTROL	6490						EST. 65,000		
68	120	MGAL	IRRIGATION WATER	6640						120		
			TRAFFIC									
69	6,060	L.F.	ASPHALT CONCRETE CURB	6740						6,060		
70	3,365	L.F.	BEAM GUARD RAIL TYPE 1	6751	3,365							
71	100	L.F.	BEAM GUARD RAIL TYPE 8	6758	100							
72	6	EACH	BEAM GUARD RAIL ANCHOR TYPE 1	6771	6							
73	4	EACH	BEAM GUARD RAIL ANCHOR TYPE 2	6772	4							
74	200	L.F.	SINGLE-FACED BARRIER						200			
75	213	EACH	GUIDE POST	6830	88	45	22		58			
76	5,000	L.F.	TEMPORARY STRIPING	6837			1,600	1,600	1,800			
77	75,100	L.F.	PAINT STRIPING	6840	50,820	8,540	1,760	4,210	9,770			
78	179	L.F.	PAINTED STOP BAR	6844		36	36	92	15			
79	5,320	S.F.	PAINTED BARRIER STRIPING	6854		840	90	3,690				
80	16	EACH	PAINTED TRAFFIC ARROW	6860		7	2					
81	20	EACH	PAINTED TRAFFIC LETTER	6870		12		8				
82	1.0	HUND.	LANE MARKER TYPE 1	6880		0.5	0.4	[illegible]				
83	5.2	HUND.	LANE MARKER TYPE 2	6881	1.9	0.7	0.5	2.0	[illegible]			
84	LUMP SUM	L.S.	PERMANENT SIGNING	6890	L.S.	L.S.	L.S.	L.S.	L.S.			
85	LUMP SUM	L.S.	DETOUR SIGNING						L.S.			
86	600	S.F.	SIGN COVERING	6902			200	350	50			

NOTE. For special features see special provisions.

FOR "AS CONSTRUCTED" PLANS ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BIGLEY — SECRETARY

DATE	REVISION	BY
4-16-80	Rev. Item Nos. And Quant.	R.B.

1898 — CONTRACT NUMBER

SHEET 5 OF 78 SHEETS

March 21, 1980

L-4983 SR 3 MP 49 to Rt. SR 305 Sheet 5 of 78 sheets

SR 3/97

FED. ROAD DIV. NO.	STATE	FED. AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
10	WASH.	N-TI-43(5)		6	78

80W019

PROJECT LIMITS.

SUMMARY OF QUANTITIES

LENGTH:

N-TI-43 (5)

ITEM NO.	TOTAL QUANTITY	UNIT	ITEM	Standard Item Number	GROUP 1: SR3 750+00 TO 910+00	GROUP 1: TC_{11} & WE_{11} 26+53.28 TO 30+80.48	GROUP 1: WE_{11} 30+80.48 TO 38+60 & FR_{11} LINE	GROUP 1: EXISTING SR3	GROUP 1: FH_{10}, FR_{10} & FHD_{10} LINES	GROUP 2: EROSION CONTROL	GROUP 3: FINN HILL ROAD U'XING	GROUP 4: E.E.O. TRAINING
87	LUMP SUM	L.S.	TEMPORARY ILLUMINATION SYSTEM	6903					L.S.			
88	EST.1,000	DOLLAR	EMERGENCY TRAFFIC CONTROL	6970			EST.500		EST.500			
89	600	HOUR	LABOR FOR TRAFFIC CONTROL	6980	300		160	80	60			
			OTHER ITEMS									
90	5,505	C.Y.	STRUCTURE EXCAVATION CLASS B	7006	5,285	69	25	82	44			
91	26,060	S.F.	SHORING AND CRIBBING OR EXTRA EXCAVATION CLASS B	7010	26,060							
92	831	C.Y.	GRAVEL BACKFILL FOR PIPE BEDDING	7013	805	14		12				
93	490	C.Y.	GRAVEL BACKFILL FOR DRAIN	7014	480				10			
94	3,660	MGAL	WATER	7018	3,070	300	90		200			
95	30	EACH	MONUMENT CASE AND COVER	7045	18	4	4		4			
96	400	S.Y.	CONCRETE SLOPE PROTECTION	7065	400							
97	7,840	L.F.	CHAIN LINK FENCE TYPE 2	7082	5,060	1,495			1,285			
98	430	L.F.	SPECIAL CHAIN LINK FENCE	7090	430							
99	39	EACH	END, CORNER AND PULL POST FOR CHAIN LINK FENCE	7095	23	8			8			
100	1	EACH	SPECIAL DOUBLE 20 FT. CHAIN LINK GATE		1							
101	28,410	L.F.	WIRE FENCE TYPE 1	7110	24,850	3,560						
102	1	EACH	ADJUST MONUMENT CASE AND COVER	7380					1			
103	4,000	HOUR	TRAINING	7400								4,000
104	EST. 12,000	DOLLAR	ROADSIDE CLEANUP	7480	EST.8,000	EST.2,000	EST.500	EST.500	EST.1,000			
105	LUMP SUM	L.S.	TRIMMING AND CLEANUP	7490	L.S.	L.S.	L.S.	L.S.	L.S.		L.S.	
106	EST.101,000	DOLLAR	FUEL COST ADJUSTMENT	7700	EST.87,800	EST. 5,500	EST. 1,400	EST. 1,400	EST. 2,700	EST.600	EST.1,600	
107	LUMP SUM	L.S.	FIELD OFFICE BUILDING	7500	L.S.							

NOTE. For special features see special provisions.

FOR "AS CONSTRUCTE PLANS" ONLY

SR 3 MP 49 to Jct. SR 305 Sheet 6 of 63 sheets

L-4983

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. DUGAY SECRETARY

DATE	REVISION	BY
4-16-80	Rev. Item Nos.	R.B.

1878 CONTRACT NUMBER

APPROVED March 21, 1980

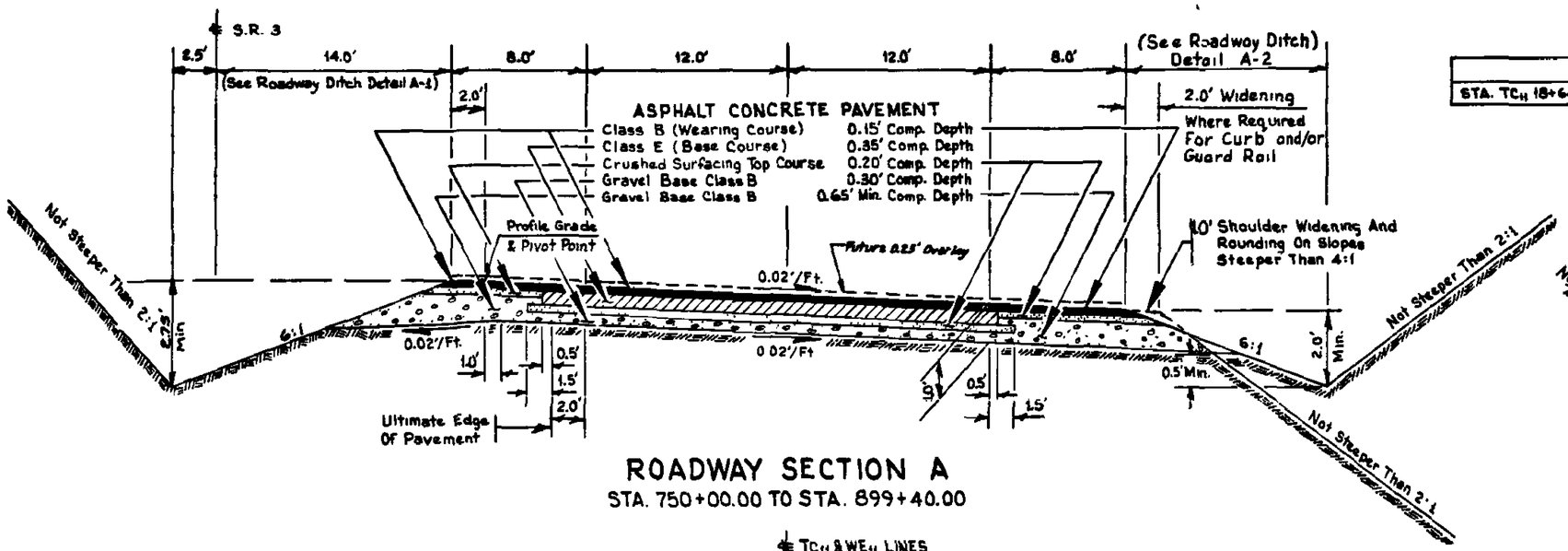
SHEET 6 OF 78 SHEETS

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH	N TI-4315	7 of 78

80K0.9

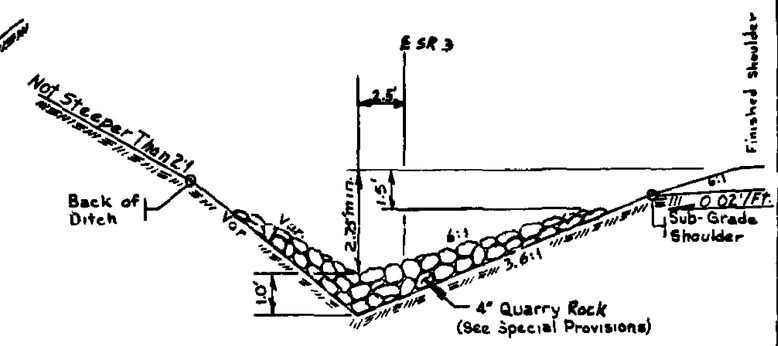
EQUATION

STA. TC_{11} 18+64.26 P.T. BK. = STA. WE_{11} 26+53.28 P.O.T. AHD.



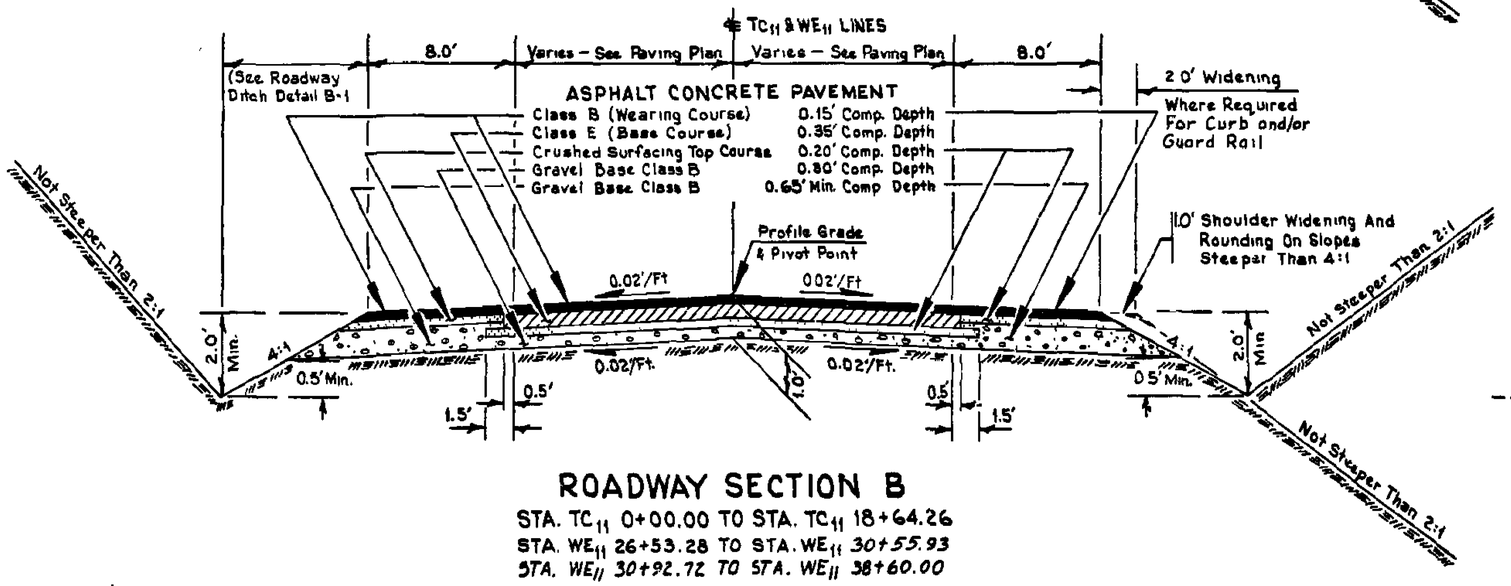
ROADWAY SECTION A

STA. 750+00.00 TO STA. 899+40.00



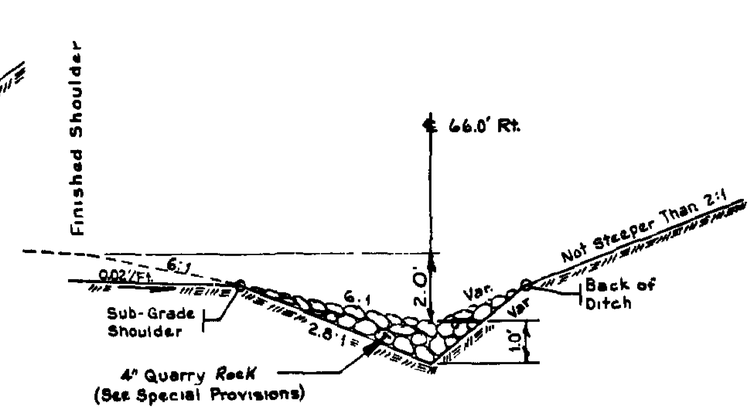
ROADWAY DITCH DETAIL A-1

STA. 782+00 TO STA. 798+00
STA. 802+15 TO STA. 805+50



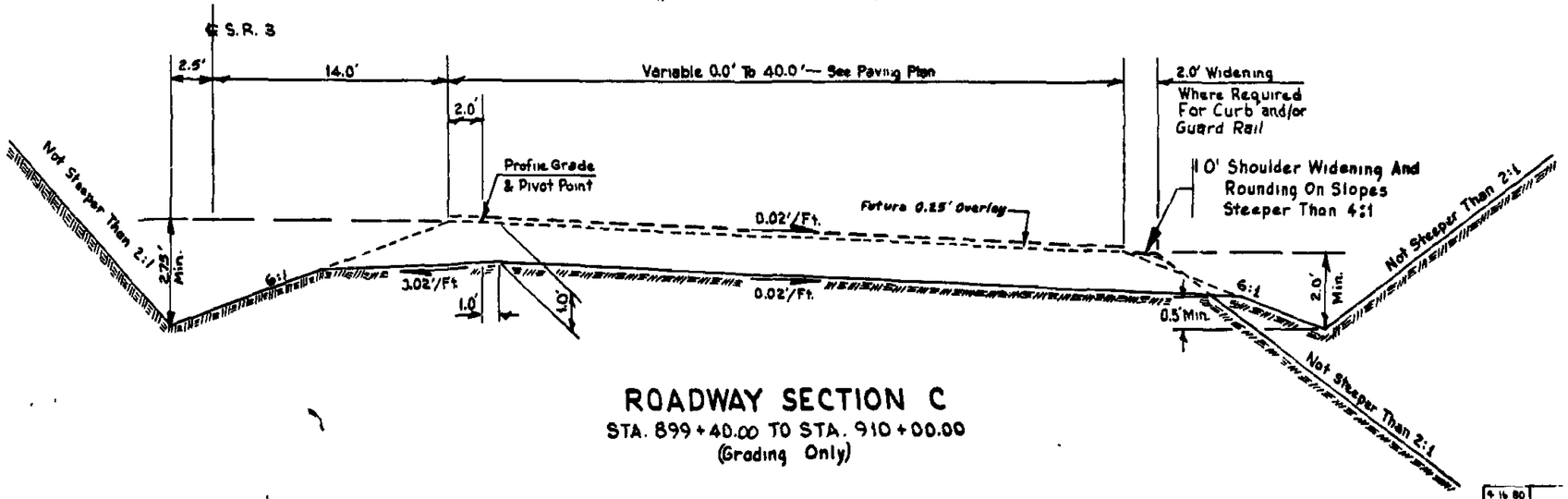
ROADWAY SECTION B

STA. TC_{11} 0+00.00 TO STA. TC_{11} 18+64.26
STA. WE_{11} 26+53.28 TO STA. WE_{11} 30+55.93
STA. WE_{11} 30+92.72 TO STA. WE_{11} 38+60.00



ROADWAY DITCH DETAIL A-2

STA. 782+00 TO STA. 798+00
STA. 802+15 TO STA. 805+50



ROADWAY SECTION C

STA. 899+40.00 TO STA. 910+00.00
(Grading Only)

"FOR AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

ROADWAY SECTIONS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. SUTLEY SECRETARY

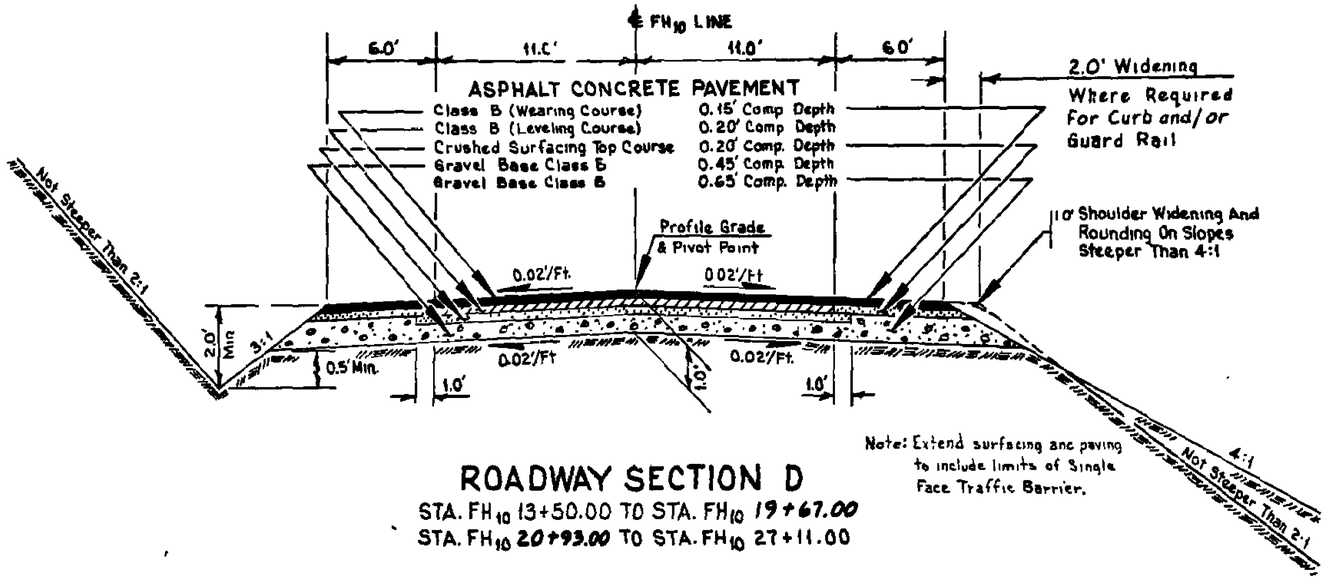
DATE	REVISION	BY
4-16-80	Rev Finished Shoulder	R.B.

APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 7 OF 78 SHEETS

REGION NO	STATE	FED. AID PROJECT NO	SHEET NO
10	WASH.	N TI 43(5)	8 of 18

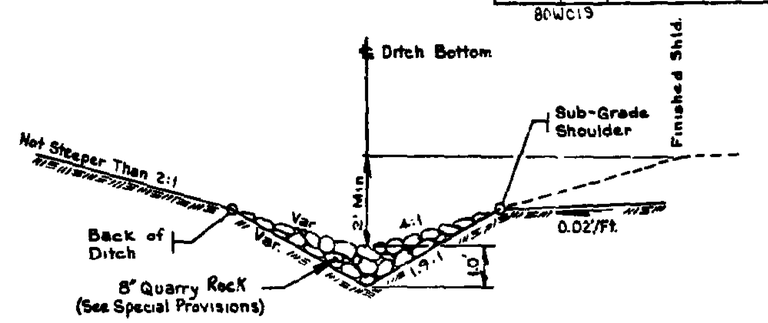
80WC19



Note: Extend surfacing and paving to include limits of Single Face Traffic Barrier.

ROADWAY SECTION D

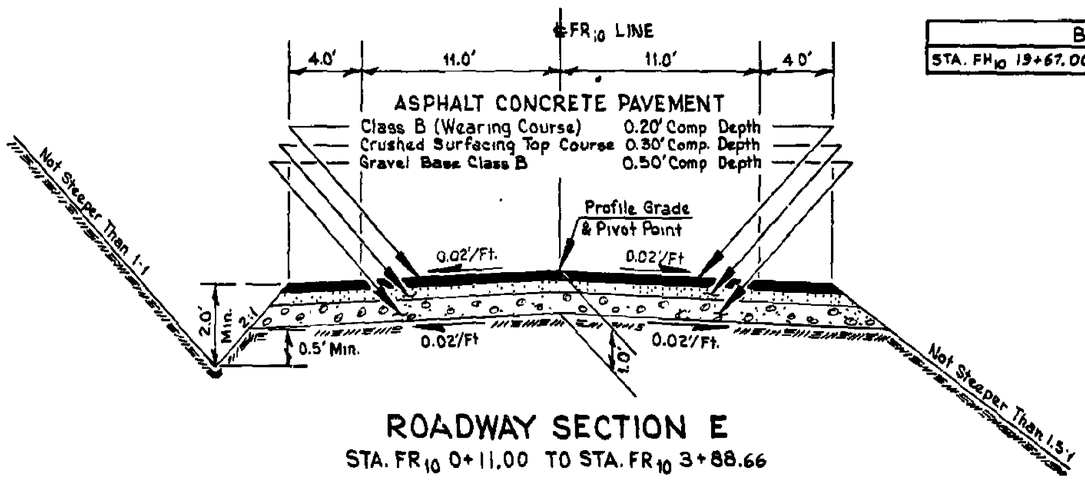
STA. FH10 13+50.00 TO STA. FH10 19+67.00
STA. FH10 20+93.00 TO STA. FH10 27+11.00



ROADWAY DITCH DETAIL B-1

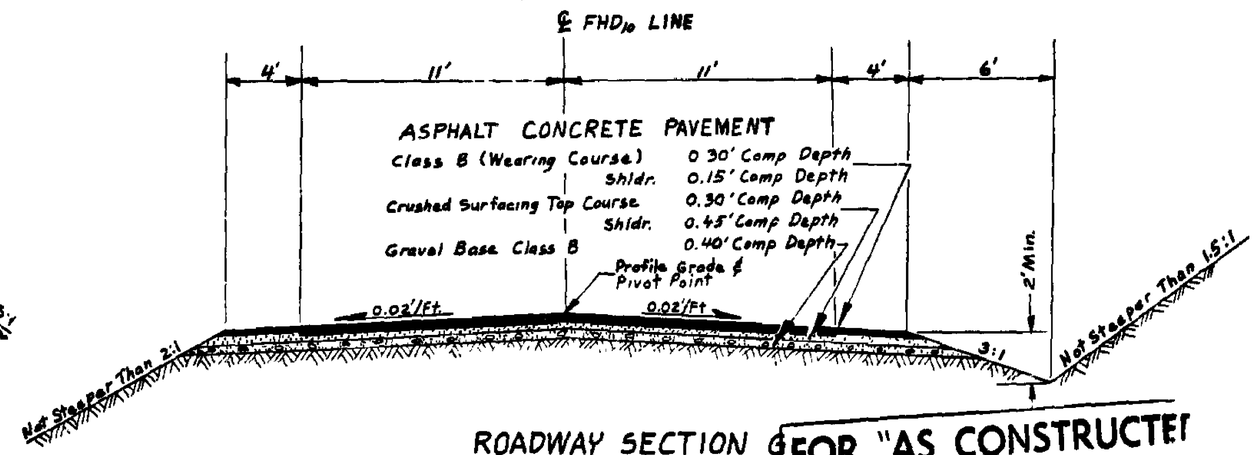
STA. TC11 10+50 TO STA. TC11 18+64.26 ON LT.
STA. TC11 11+50 TO STA. TC11 18+64.26 ON RT.
STA. WE11 26+53.28 TO STA. WE11 30+40 ON LT. & RT.
STA. FR11 3+50 TO STA. FR11 5+00 ON RT.

BRIDGE
STA. FH10 19+67.00 TO STA. FH10 20+93.00



ROADWAY SECTION E

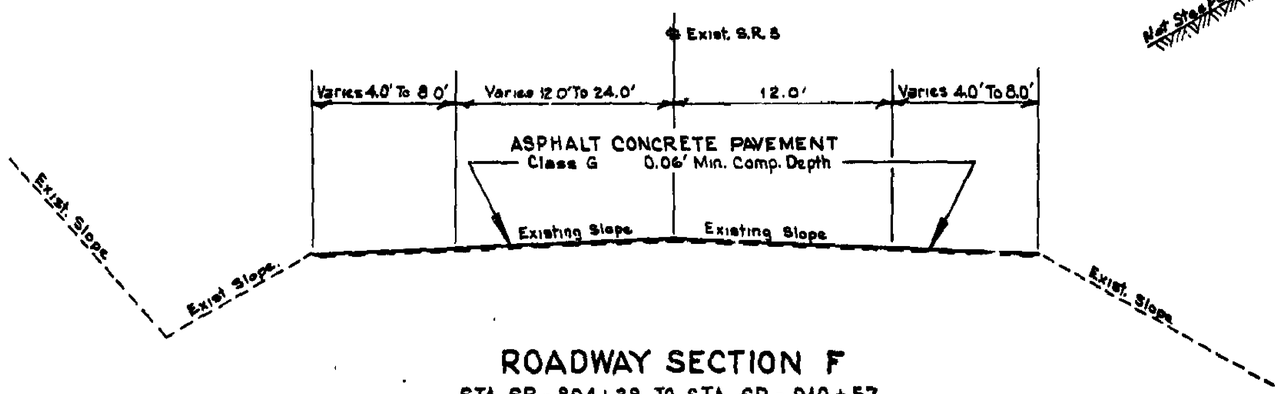
STA. FR10 0+11.00 TO STA. FR10 3+88.66



ROADWAY SECTION G

STA FHD10 0+00 TO STA FHD10 11+05.13

FOR "AS CONSTRUCTED PLANS" ONLY



ROADWAY SECTION F

STA. SR3 894+38 TO STA. SR3 910+57
(EXISTING SR 3)

DATE	REVISION	BY
5-7-80	Add Note To Roadway Sect D	R.S.

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

ROADWAY SECTIONS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BURLEY / ENGINEER

APPROVED March 21, 1980

CONTRACT NUMBER 1899 SHEET 8 OF 78 SHEETS

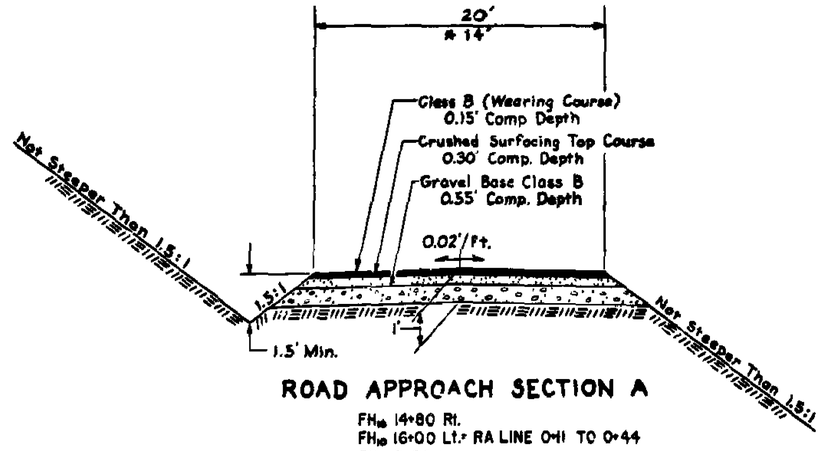
REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH	N-TI-43(5)	9 of 78

80W019

ROAD APPROACHES

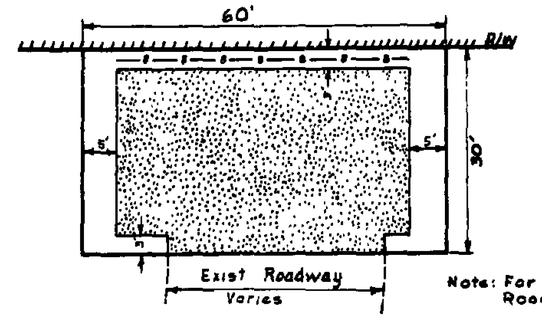
Approximate Quantities

Location	Class B	Crushed Surfacing Top Course	Gravel Base Class B	Width	Radius	Type
	Ton	Ton	Ton			
FH_{10} 14+80 Rt. *	7	15	30	14'	20'	A *
FH_{10} 16+00 Lt	25	100	200	20'	35'	B
FR_{10} 2+00 Lt.	8	15	30	20'	35'	B
FR_{11} 3+35 Lt		30	60	20'	35'	B
FR_{11} 4+90 Lt		30	60	20'	35'	B
FR_{11} 5+00		70	120	20'	35'	B
SR_3 906+59.73 Rt	50	320	550	20'	35'	B



ROAD APPROACH SECTION A

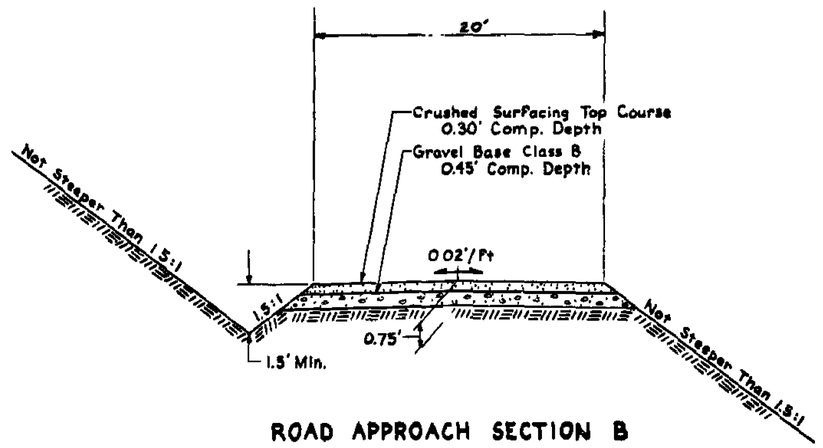
FH_{10} 14+80 Rt.
FH_{10} 16+00 Lt.= RA LINE 0+11 TO 0+44
FR_{10} 2+00 Lt.
EXIST SR 3 STA 906+59.73 Rt.= FR_{11} LINE 0+12 TO 0+50



Note: For Surfacing See Road Appr. Section B.

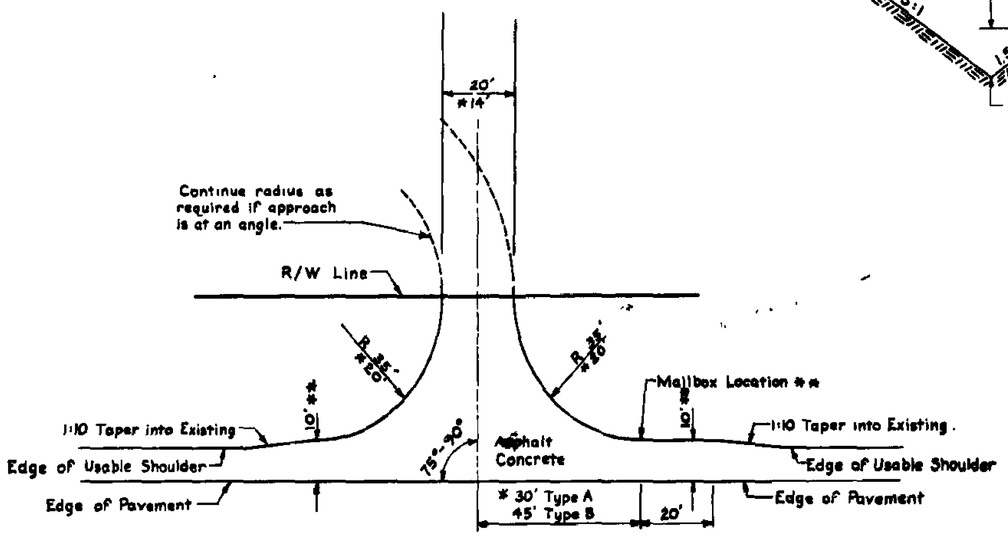
CUL-DE-SAC DETAIL

Sta 750+75 Lt
Sta. 752+70 Rt



ROAD APPROACH SECTION B

RA STA 0+44 TO STA 1+88
FR_{11} STA 0+50 TO STA. 5+00
FR_{11} 3+35 Lt.
FR_{11} 4+90 Lt.
FR_{11} 5+00 AHD.



ROAD APPROACH PLAN

** Where Required

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

ROADWAY SECTIONS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BURLEY SECRETARY

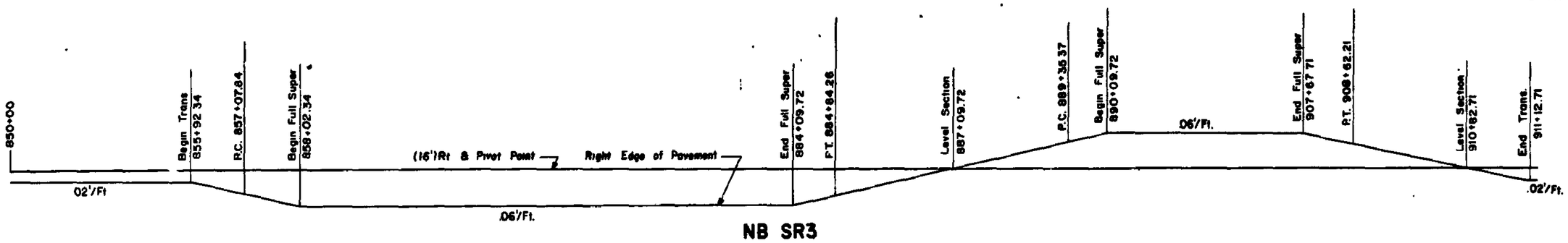
APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 9 OF 78 SHEETS

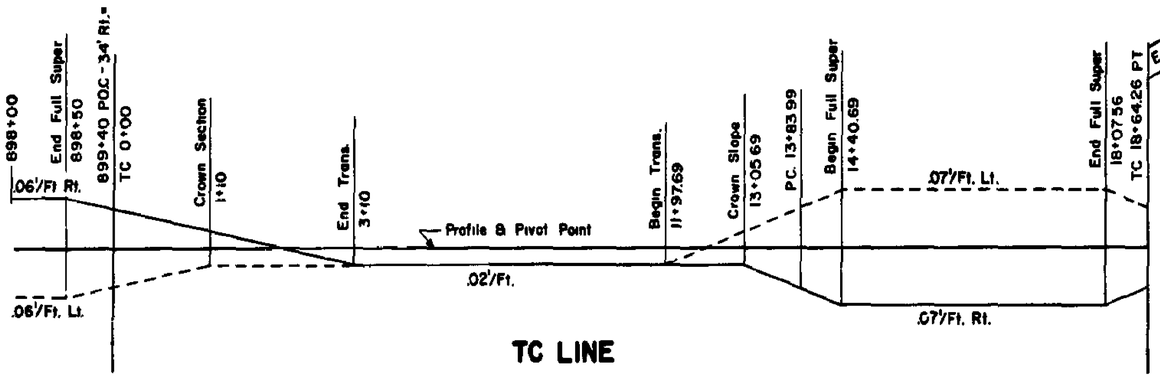
L-4983
SR 3
MP 49 To Jct. SR 305
Sheet 7 of 13 Sheets

REGION NO	STATE	FED. AID PROJECT NO	SHEET NO.
10	WASH	N-TI-43(5)	10 of 78

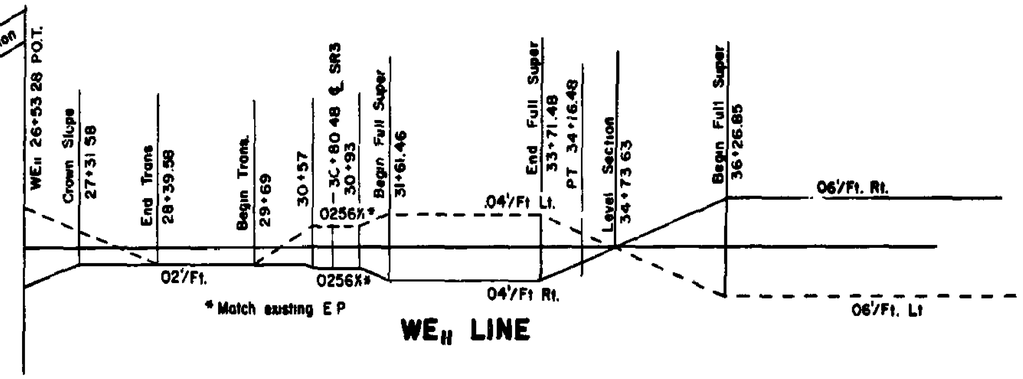
804J019



NB SR3



TC LINE



WE= LINE

SUPERELEVATION DIAGRAM

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

SUPERELEVATION DIAGRAMS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BURKY DIRECTOR

APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 10 OF 78 SHEETS

SR 3/12

QUANTITY TABULATION TRAFFIC ITEMS

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	11 of 78

8C W019

STATION		REMOVING TEMPORARY STRIPING	ASPHALT CONCRETE CURB	GUIDE POST	TEMPORARY STRIPING	PAINT STRIPING	PAINTED STOP BAR	PAINTED BARRIER STRIPING	PAINTED TRAFFIC ARROW	PAINTED TRAFFIC LETTER	LANE MARKER TYPE 1	LANE MARKER TYPE 2							SEE GENERAL NOTE NO.
		L.F.	L.F.	EACH	L.F.	L.F.	L.F.	S.F.	EACH	EACH	HUND	HUND							
799+30 to 802+55	RT		325																
805+70 to 815+35	RT		965																
816+45 to 820+15	RT		370																
830+50 to 862+30	RT		3180																
881+75 to 886+35	RT		460																
WE_{11} 31+25 to 34+50	RT		350																
WE_{11} 34+50 to 38+60	LT		410																
750+00 to 899+40				88		50820						1.9							1
TC_{11} 0+00 to 18+64.3				33		7740						0.2							2
WE_{11} 26+53.3 to 38+60		1600		34	1600	2560					0.9								3
Exist. SR3 894+38 to 910+57		1600			1600	4210													
FH_{10} 13+50 to 27+11		1400		14	1400	5400						0.1							4
FR_{10} 0+17 to 3+89		400			400	1070													
FHD_{10} 0+00 to 10+56				44		3300													4
TC_{11} 17+80 to WE_{11} 30+20							36	840	7	12		0.5							
WE_{11} 31+24 to 34+74							36	790	2			0.5							5
Exist. SR3 894+38 to 902+34							34	1830	4	8	0.1	1.0							5
Exist. SR 3 902+70 to 910+57							58	1860	3			1.0							5
FR_{10} 0+14							15												
PROJECT TOTALS		5000	6060	213	5000	75100	179	5320	16	20	1.0	5.2							

GENERAL NOTES

1. Guide Posts: 81 Type A-1, 7 Type A-4.
2. Guide Posts: 27 Type A-1, 6 Type C-1
3. Guide Posts: 17 Type A-1, 17 Type C-1
4. Guide Posts: Type A-1
5. See Terminal Detail Sheet

FOR "AS CONSTRUCTED PLANS" ONLY

DATE	REVISION	BY
4-16-80	Rev. Sta. & Quantities	R.B

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BUCHT SECRETARY

1198

March 21, 1980

SHEET 11 OF 78

MP 49 To Jct. SR 305 C-7765 Sheet 11 of 63 Sheets

QUANTITY TABULATION GUARD RAIL & SINGLE-FACED BARRIER

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	12 of 78

STATION	BEAM GUARD RAIL TYPE 1 L.F.	BEAM GUARD RAIL TYPE 8 L.F.	BEAM GUARD RAIL ANCHOR TYPE 1 EACH	BEAM GUARD RAIL ANCHOR TYPE 2 EACH	SINGLE-FACED BARRIER L.F.	PLACEMENT CASE BEGINNING	PLACEMENT CASE END	SEE GENERAL NOTE NO.
797 + 75 to 801 + 75 Rt.	400		1	1		3	2	
805 + 15 to 820 + 05 Rt.	1490		1	1		3	2	1
807 + 75 to 815 + 75 Lt.	800		1	1		2	3	
817 + 00 to 820 + 75 Lt.	375		1	1		2	3	
840 + 50 to 843 + 50 Rt.	300		2			2	2	
750 + 75 Lt.		50						3,4
752 + 70 Rt.		50						3,4
FH10 19+12 to 19+62 Rt.					50			2
FH10 19+22 to 19+72 Lt.					50			2
FH10 21+03 to 21+53 Rt.					50			2
FH10 21+13 to 21+63 Lt.					50			2
PROJECT TOTALS	3365	100	6	4	200			

80W019

GENERAL NOTES

1. See Retention Pond Plan.
2. See Single-Faced Barrier Detail Sheet.
3. See Cul-de-sac Detail.
4. Use Design B Terminal Sections.

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. DUFFY SECRETARY

1998

APPROVED March 21, 1980

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MP 49 To Jct. SR 305
Sheet 12 of 63 Sheets

SR 3/48

QUANTITY TABULATION MONUMENT CASES AND COVERS

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	13 of 78

80W019

STATION	MONUMENT CASE AND COVER	ADJUST MONUMENT CASE AND COVER
	EACH	EACH
NB 750 + 00 POT (16' Rt.)	1	
NB 760 + 00 POT (16' Rt.)	1	
NB 770 + 00 POT (16' Rt.)	1	
NB 780 + 00 POT (16' Rt.)	1	
NB 790 + 00 POT (16' Rt.)	1	
NB 800 + 00 POT (16' Rt.)	1	
NB 810 + 00 POT (16' Rt.)	1	
NB 820 + 00 POT (16' Rt.)	1	
NB 830 + 00 POT (16' Rt.)	1	
NB 840 + 00 POT (16' Rt.)	1	
NB 850 + 00 POT (16' Rt.)	1	
NB 857 + 07.84 PC (16' Rt.)	1	
NB 865 + 00 POC (16' Rt.)	1	
NB 875 + 00 POC (16' Rt.)	1	
NB 884 + 84.08 PT (16' Rt.)	1	
NB 889 + 35.37 PC (16' Rt.)	1	
NB 899 + 40 POC (16' Rt.)	1	
NB 903 + 00 POC (16' Rt.)	1	
S-EW11 0 + 00 POT	1	
S-EW11 3 + 00 PI	1	
S-EW11 9 + 81.10 PI	1	
WE11 26 + 53.28 POT	1	
WE11 31 + 29.06 PC	1	
WE11 34 + 16.48 PT	1	
WE11 35 + 74.35 PC	1	
WE11 38 + 60 POC	1	
FR10 21 + 00 POT	1	
FR10 17+45.52=EW-S10 0+00 POT	1	
FR10 23+30.00=S-EW10 12+41.44 POT	1	
FR10 26+81.00=FR10 0+00 POT	1	
FR10 1 + 53.80 PI		1
PROJECT TOTAL	30	1

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BUNDY SECRETARY

1898 CONTRACT NUMBER

SHEET 13 OF 78 SHEETS

APPROVED March 21, 1980

SR 3 MP 49 To Jct. SR 305 Sheet 13 of 63 sheets

L-4983

SR 3/99

QUANTITY TABULATION MISCELLANEOUS ITEMS

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	14 of 78

80W019

STATION	CLEARING FENCE LINE 3 FT. WIDTH	CLEARING FENCE LINE 10 FT. WIDTH	REMOVING ASPHALT CONCRETE PAVEMENT	REMOVING ASPHALT CONCRETE CURB	REMOVING TRAFFIC ISLAND	GRAVEL BACKFILL FOR WALL	CONCRETE SLOPE PROTECTION	CHAIN LINK FENCE TYPE 2	SPECIAL CHAIN LINK FENCE	END, CORNER AND PULL POST FOR CHAIN LINK FENCE	SPECIAL DOUBLE 20 FT. CHAIN LINK GATE	WIRE FENCE TYPE 1	SEE GENERAL NOTE NO.
	L.F.	L.F.	S.Y.	L.F.	S.Y.	C.Y.	S.Y.	L.F.	L.F.	EACH	EACH	L.F.	
750+00 TO 785+90 Rt.	3610											3610	
750+00 TO 787+20 Lt.	3770											3770	
786+15 TO 817+50 Rt.		3240						3255		8			
787+50 Lt. TO EW-S_{10} 5+00 Rt.	9740											9740	
815+00 TO 816+35 Rt.								50	430	7	1		1
817+50 TO S-EW_{10} 5+90 Rt	6490											6490	
S-EW_{10} 5+90 TO 11+75 Rt.		610						610		2			
EW-S_{10} 0+75 TO 5+00 Rt.		425						425		2			
EW-S_{10} 0+75 TO FH_{10} 19+65 Rt.								300		1			
S-EW_{10} 11+75 TO FH_{10} 21+20 Rt.								295		1			
FH_{10} 16+65 TO 19+65 Lt.								330		3			
FH_{10} 21+20 TO 24+00 Lt.								330		3			
889+00 TO 893+00 Lt.		400						400		2			
889+80 TO 893+00 Rt.		350						350		2			
893+00 TO 913+00 Lt.	1920											1920	
913+00 Lt. TO WE-N_{11} 1+50 Rt.	690											690	
893+00 TO S-EW_{11} 11+43 Rt.	2190											2190	
S-EW_{11} 11+43 Rt. TO SR3 899+34 Lt.		780						780		4			
WE-N_{11} 1+50 Rt. TO SR3 905+34 Lt.		715						715		4			
WE_{11} 30+80 TO 38+34			3240	745	460								
EXIST. SR3 900+30 TO 900+85 Rt.				55									
FHD_{10} 0+00 TO 11+05.73			3300										
FH_{10} 19+67						20							
FH_{10} 20+93						140							
786+10 Rt.							110						
787+20 Lt.							110						
888+60 Lt.							100						
888+90 Rt.							80						
PROJECT TOTALS	28410	6520	6540	800	460	160	400	7840	430	39	1	28410	

GENERAL NOTES

1. See Retention Pond Detail Sheet and the Special Provision "Special Chain Link Fence And Special 20ft. Chain Link Gate".
2. To be Removed After FH_{10} Line has been reopened to traffic.

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 49.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

SKAGIT COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. GRAY — SECRETARY

1898

CONTRACT NUMBER — APPROVED March 21, 1980 — SHEET 14 OF 78 — DATE

SR 3 MP 49 To Jct. SR 305 Sheet 14 of 63 sheets

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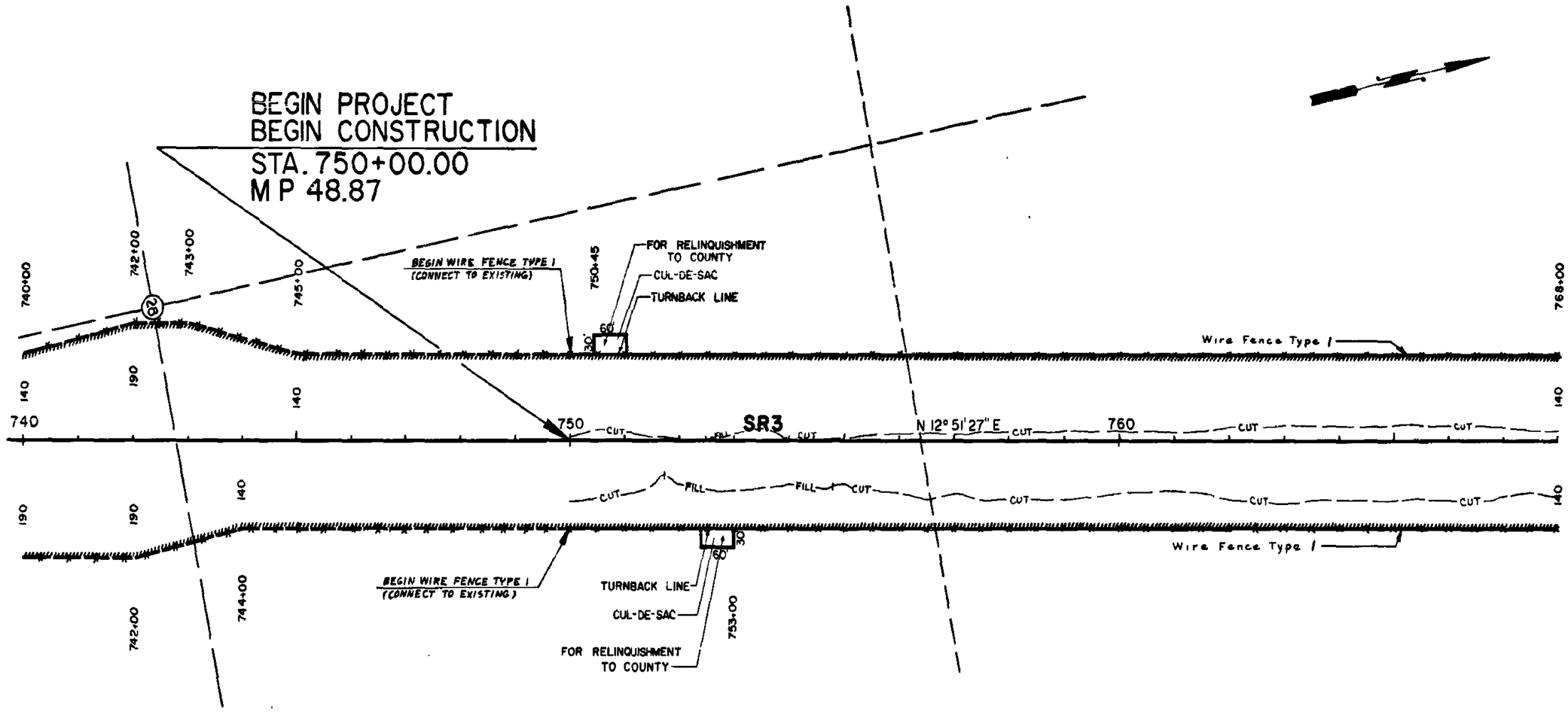
REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI 43(5)	15 of 78

BOW019

T. 26N., R.1E., W.M.



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ALIGNMENT, R/W AND FENCING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. DUFFY SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1998 SHEET 15 OF 78 SHEETS

100 0 100 200
Scale in Feet

REVISION	BY	DATE
DESIGNED	L. GRUBERT	2-27-79
DRAWN		
CHECKED		2-79
PROJ. ENGR.	P. JACKSON	2-79
DIST. ENGR.	A.R. MURRELL	

SR3 L-4983
Silverdale to Thompson Rd
MP 49 TO Jct. SR 305
Sheet 15 Of 63 Sheets

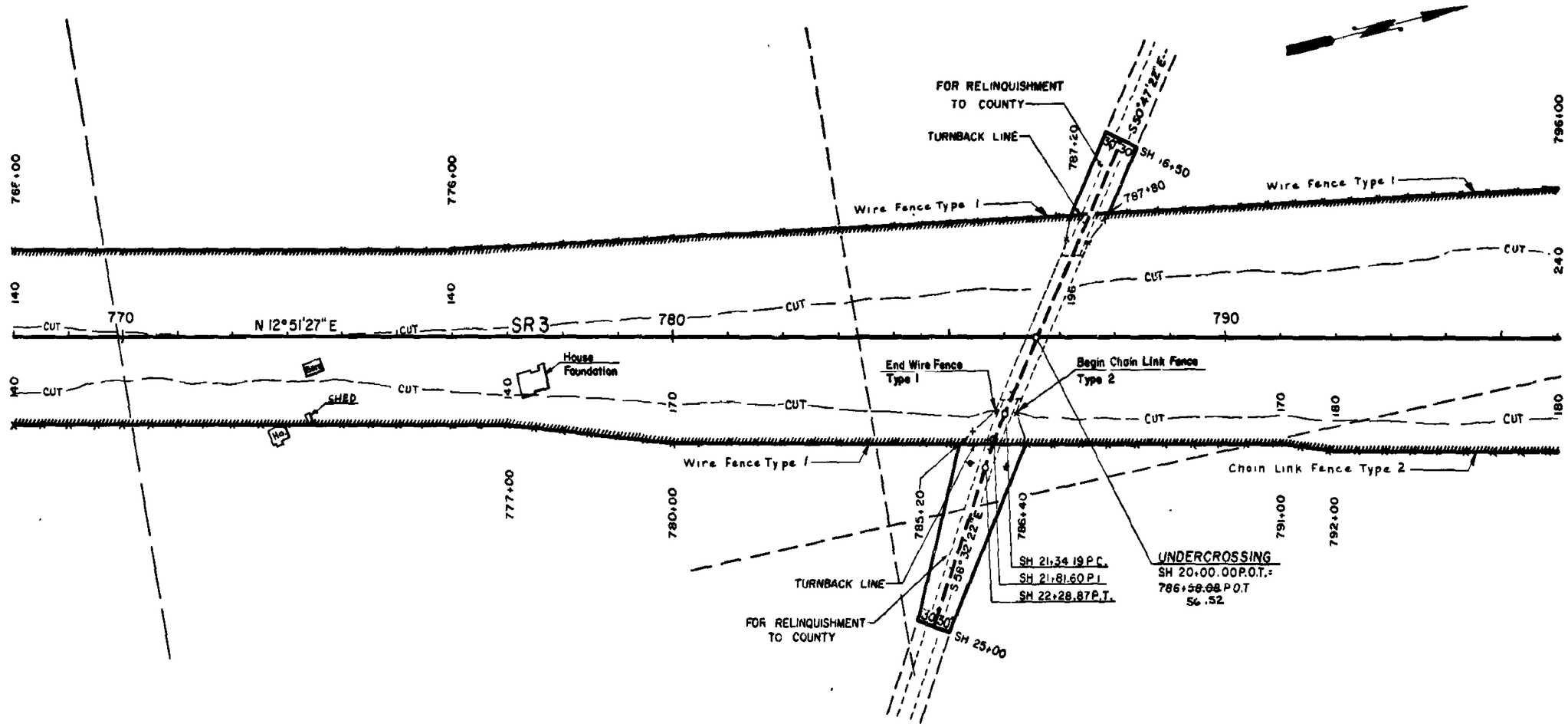
SR 3/92

CURVE DATA					
P.I. STATION	Δ	R	L	T	S
SH 21+81.60	7°45'00"	700	94.68	47.41	

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI 43(5)	16 of 78

80U015

T. 26N., R.1E., W.M.



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ALIGNMENT, R/W AND FENCING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BUGBY — SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1995 SHEET 16 OF 78 SHEETS

100 0 100 200
Scale in Feet

	BY	DATE
DRAWN	L. Gruber	2-27-79
TRACED		
CHECKED	K.C.Z.	4-27
FIELD BOOK	D. Jackson	4-79
FIELD BOOK	A.R. Morrell	

SR 3
Silverdale to Thompson Rd
MP 49 TO Jct. SR 305
Sheet 16 Of 63 Sheets

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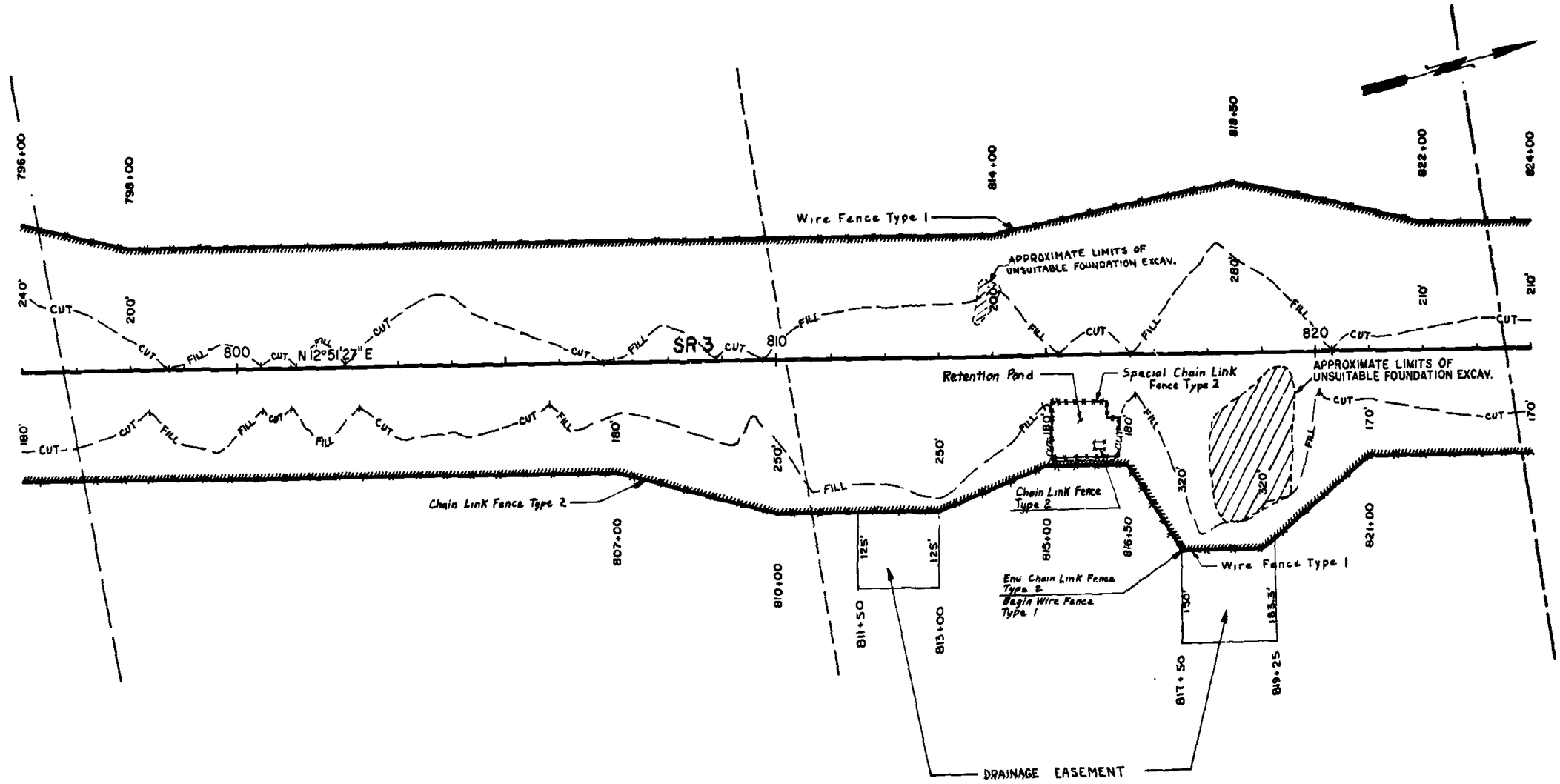
SR 3/93

T. 26N., R.1E.,W.M.

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI 43(5)	17 of 78

80W019



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ALIGNMENT, R/W AND FENCING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLITT SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 17 OF 78 SHEETS

100 0 100 200
Scale in Feet

	BY	DATE
DESIGNED	L. Gruber	2-27-79
TRACED		
CHECKED		
PROJ. ENGR. (Lin.)	D. Jackson	8-79
PROJ. ENGR.	A.B. Moore II	8-79

REVISIONS	BY	DATE

SR3
Silverdale to Thompson Rd
MP 49 to Int. SR 305
Sheet 17 Of 63 Sheets

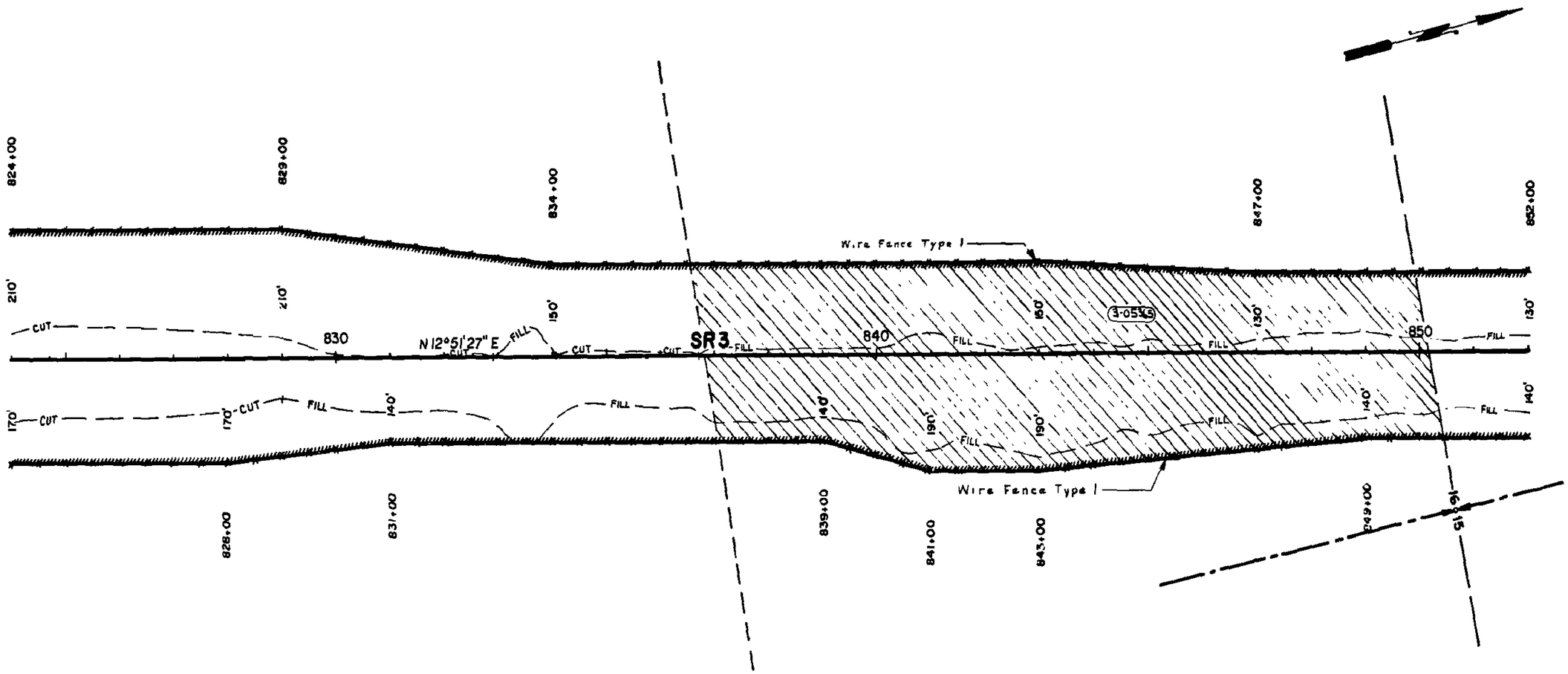
L-4983

SE 5/93

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	18 of 78

8DW019

T. 26N., R.1E.,W.M.



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

ALIGNMENT, R/W AND
FENCING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. DRAFY SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 18 OF 78 SHEETS

DATE	REVISION	BY
8-12-80	Add R/W Exception	WB

100 0 100 200
Scale in Feet

	BY	DATE
DESIGNED	L. GRUBAR	2-21
DRAWN		
CHECKED	MCE	
PROJ. ENGR.	J. JACKSON	
DIST. ENGR.	J. R. MORRALL	

SR3
Silverdale to Thompson Rd
MP 49 to Jct. SR 305
Sheet 18 of 63 Sheets

L-4983

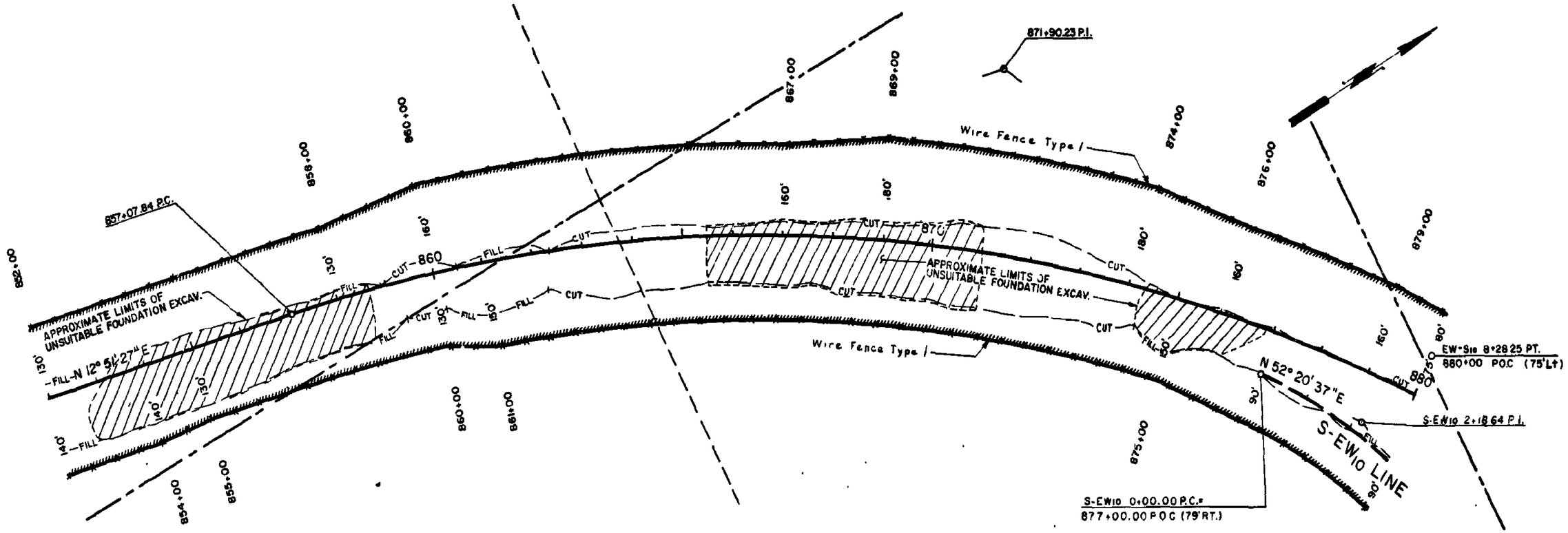
SR 3/92

CURVE DATA						
P.I. STATION	Δ	R	L	T	S	
871+90.23	49°42'42"	3,200	2,776.42	1,482.39	0.06	
S EW10 2+18.64	24°40'00"	1,000	430.51	218.64		R/W ONLY

T. 26 N., R. 1 E., W.M.

SHEET NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
18	WASH.	N-TI 43(5)	19 of 78

80W019



FOR "AS CONSTRUCTED" PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ALIGNMENT, R/W AND FENCING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BURLEY SECRETARY

100 0 100 200
Scale in Feet

DATE	REVISION	BY
4-16-80	Rev Unsuitable Foundation Limits	R.B.

APPROVED March 21, 1980

CONTRACT NUMBER 1098 SHEET 19 OF 78 SHEETS

SR 3/9

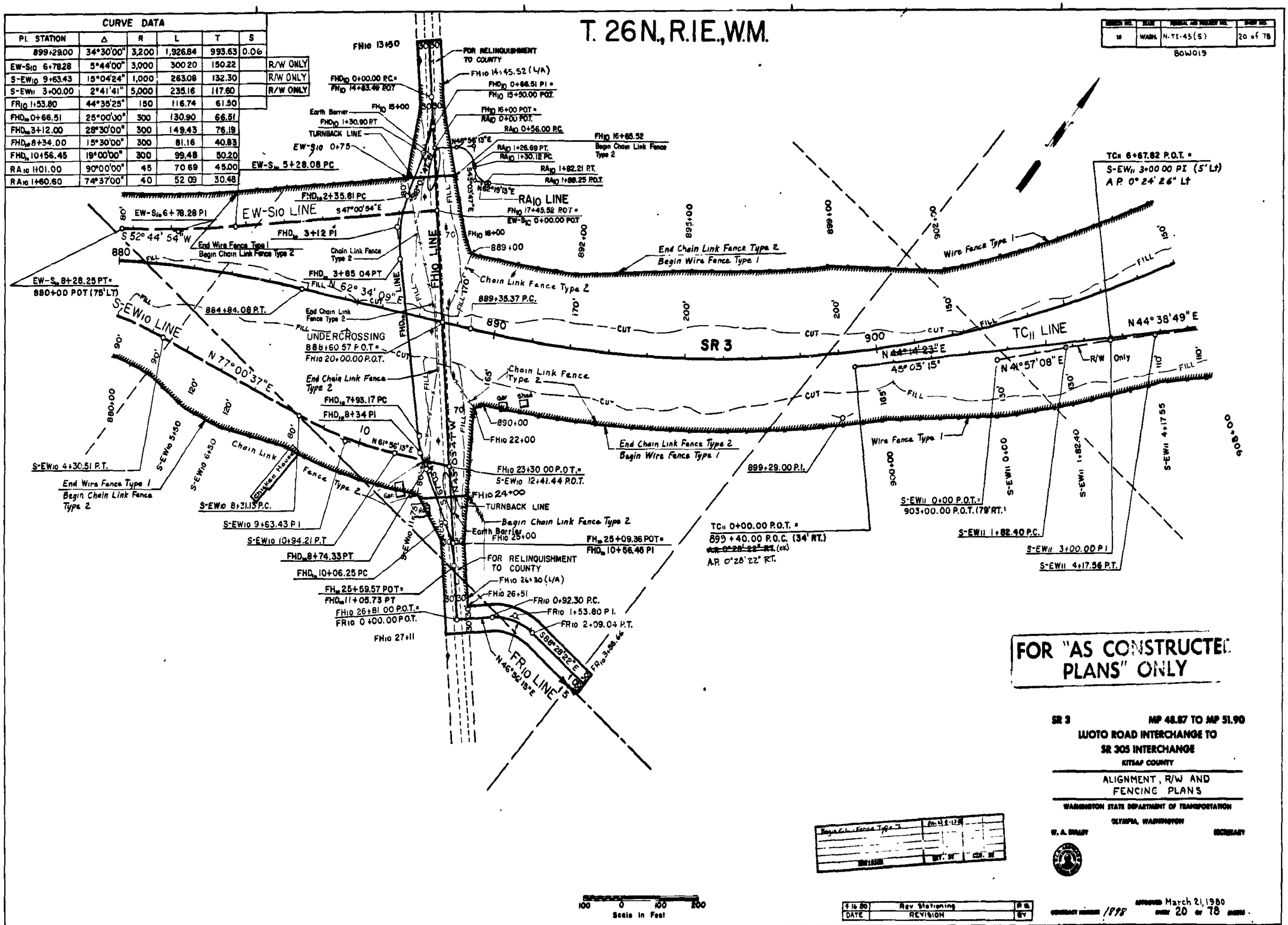
SR3 Silverdale to Thompson Rd L-4983
MP 49 To Jct. SR 305
Sheet 19 Of 63 Sheets

T. 26 N., R. 1 E., W.M.

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	20 of 78

80W019

CURVE DATA					
P.I. STATION	Δ	R	L	T	S
899+29.00	34°30'00"	3,200	1,926.84	993.63	0.06
EW-S10 6+78.28	5°44'00"	3,000	300.20	150.22	R/W ONLY
S-EW10 9+63.43	15°04'24"	1,000	263.08	132.30	R/W ONLY
S-EW11 3+00.00	2°41'41"	5,000	235.16	117.60	R/W ONLY
FR10 1+53.80	44°35'25"	150	116.74	61.50	
FHD10 0+66.51	25°00'00"	300	130.90	66.51	
FHD10 3+12.00	28°30'00"	300	149.43	76.19	
FHD10 8+34.00	15°30'00"	300	81.16	40.83	
FHD10 10+56.45	19°00'00"	300	99.48	50.20	
RA10 1+01.00	90°00'00"	45	70.69	45.00	
RA10 1+60.60	74°37'00"	40	52.09	30.48	



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ALIGNMENT, R/W AND FENCING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLEY SECRETARY

DATE	REVISION	BY
4 16 86	Rev Stationing	R.G.

APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 20 OF 78 SHEETS

SR3 Silverdale to Thompson Rd MP 49 to Jct. SR 305 L-4983

Sheet 20 Of 63 Sheets

SR3/92

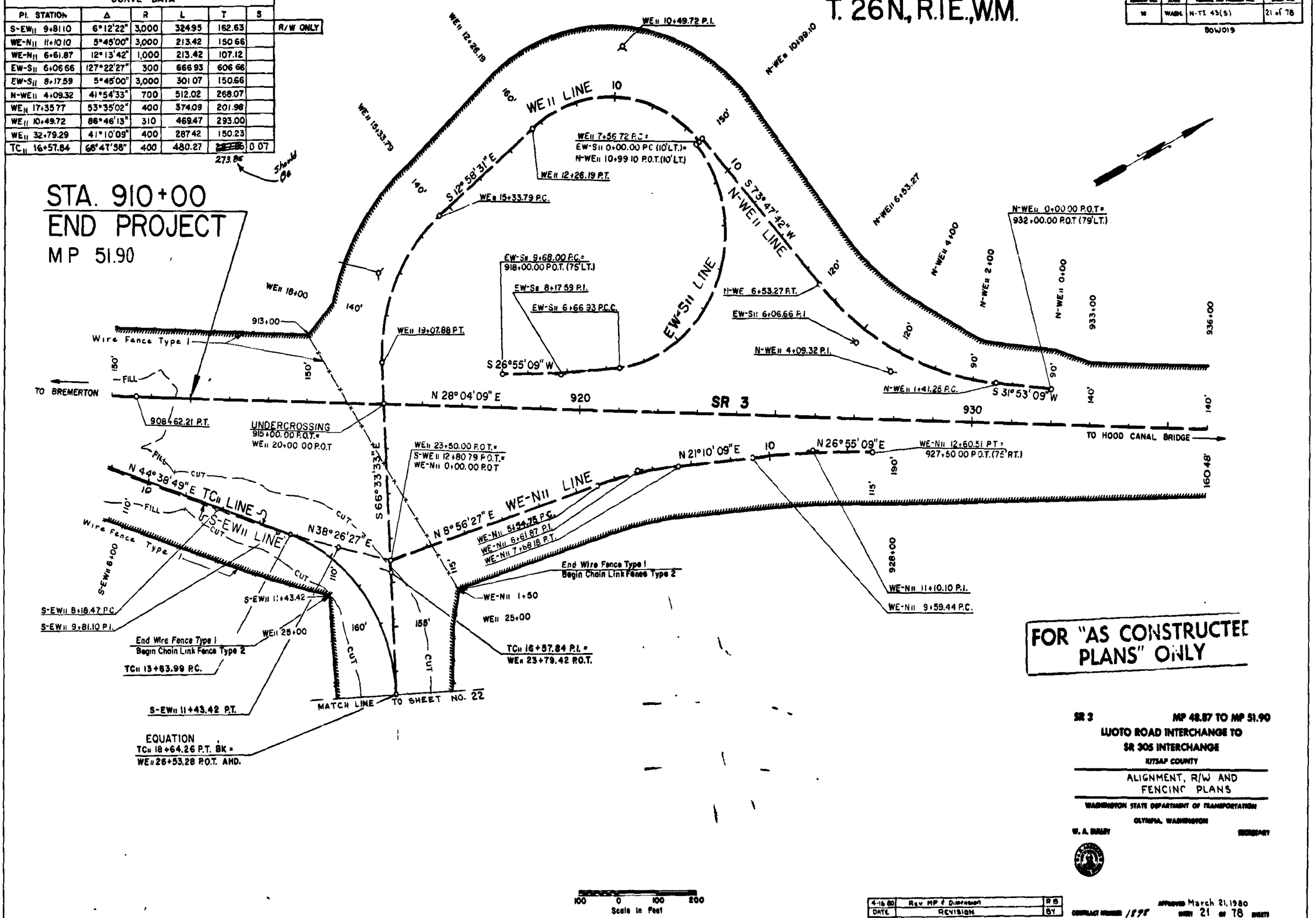
CURVE DATA						
PI. STATION	Δ	R	L	T	S	
S-EW11 9+81.10	6°12'22"	3,000	324.95	162.63		R/W ONLY
WE-N11 11+10.10	5°45'00"	3,000	213.42	150.66		
WE-N11 6+61.87	12°13'42"	1,000	213.42	107.12		
EW-S11 6+06.66	127°22'27"	300	666.93	606.66		
EW-S11 8+17.59	5°45'00"	3,000	301.07	150.66		
N-WE11 4+09.32	41°54'33"	700	512.02	268.07		
WE11 17+35.77	53°35'02"	400	374.09	201.96		
WE11 10+49.72	86°46'13"	310	469.47	293.00		
WE11 32+79.29	41°10'09"	400	287.42	150.23		
TC11 16+57.84	68°47'38"	400	480.27	~~273.86~~ 273.86	0.07	

Should be

T. 26N., R.1E., W.M.

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI 43(5)	21 of 78

80W019



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ALIGNMENT, R/W AND FENCING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLEY — SECRETARY

100 0 100 200
Scale in Feet

DATE	REVISION	BY
4-16-80	Rev MP & Dimension	RS

CONTRACT NUMBER 1898

APPROVED March 21, 1980

SHEET 21 OF 78 SHEETS

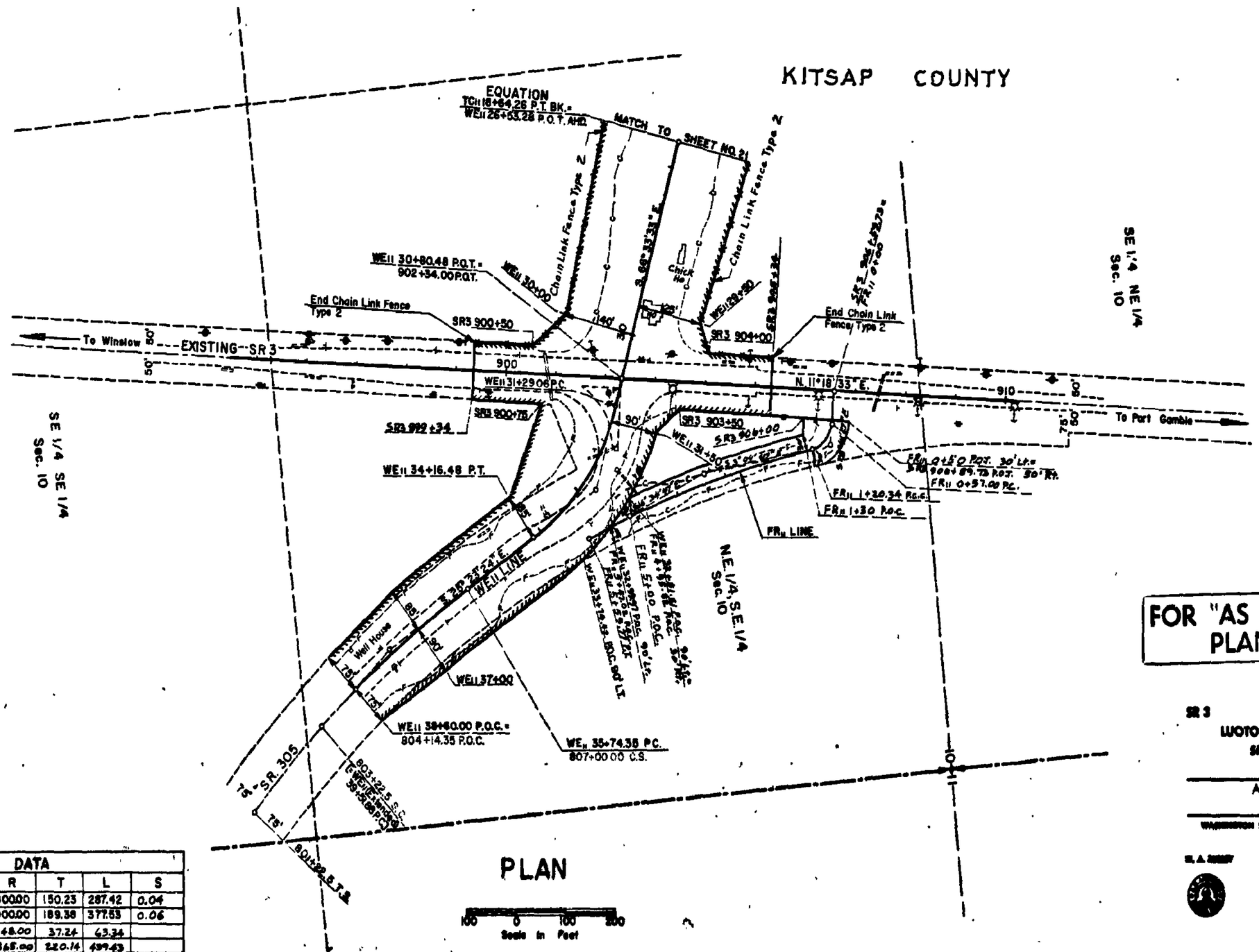
SR 3/93

Silverdale to Thompson Rd
MP 49 to Jct SR 305
Sheet 21 of 63

16	WASH.	NTI-43(5)	22 of 78

80W019

T. 26N., R.1E., W.M.



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.99

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ALIGNMENT, R/W AND FENCING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

APPROVED March 21, 1980

CONTRACT NUMBER 1799 SHEET 22 OF 78

CURVE DATA					
P.I. STATION	Δ	R	T	L	S
WE11 32+79.29	41°10'08" RT.	400.00	150.23	287.42	0.04
WE11 37+63.73	11°19'30" LT.	1900.00	189.38	377.53	0.06
FR11 0+94.24	75°36'40" RT.	48.00	37.24	63.34	
FR11 3+41.08	13°30'00" LT.	1865.00	220.14	439.43	

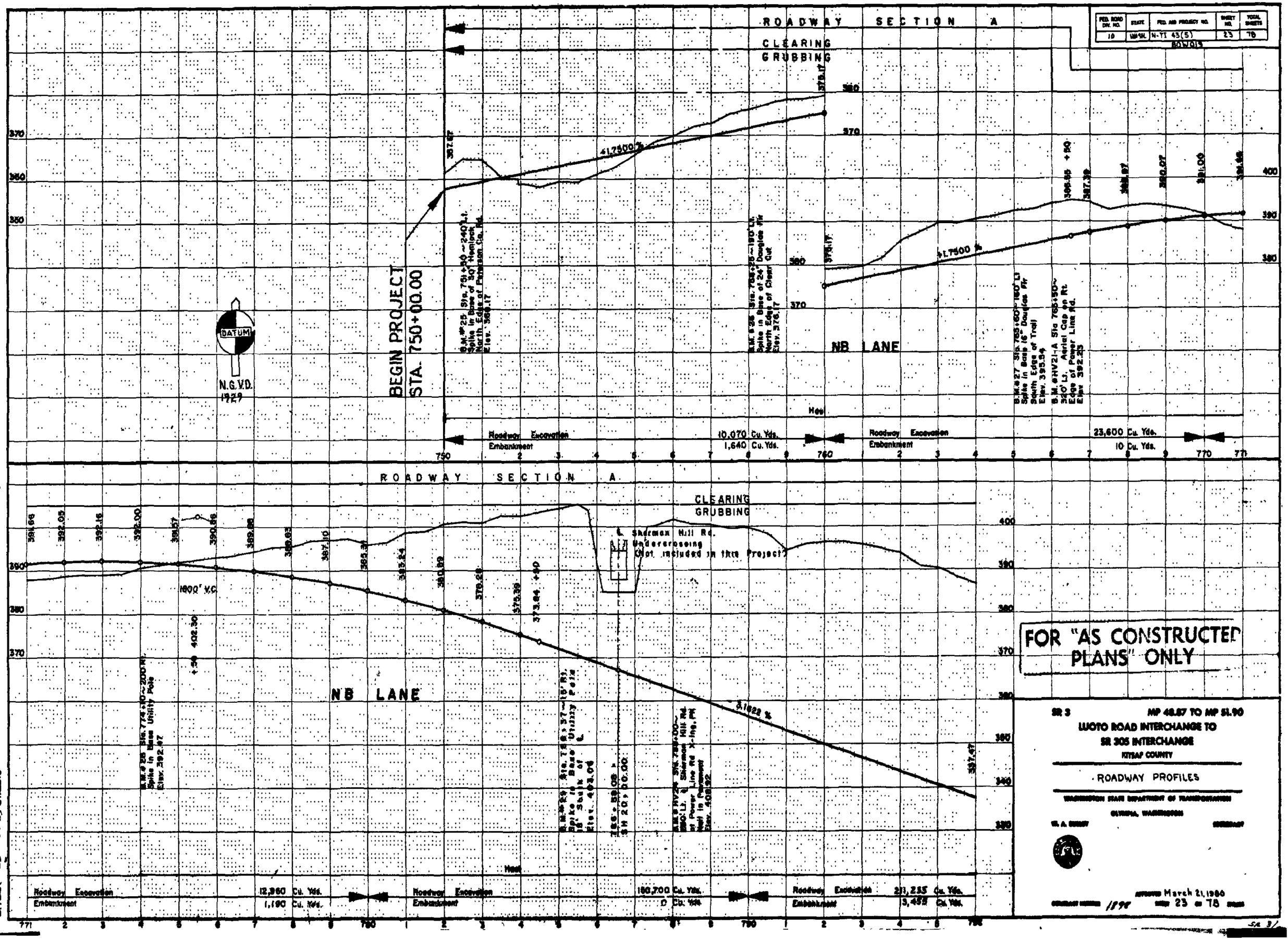
SR3 Silverdale to Thompson Rd. MP 49 To Jct. SR 305

Sheet 22 Of 63 Sheets

L-4983

FED. ROAD DIV. NO.	STATE	FED. AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	N-TI 43(5)	23	78

BOWOIS



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ROADWAY PROFILES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BUGGY — SECRETARY

APPROVED March 21, 1980

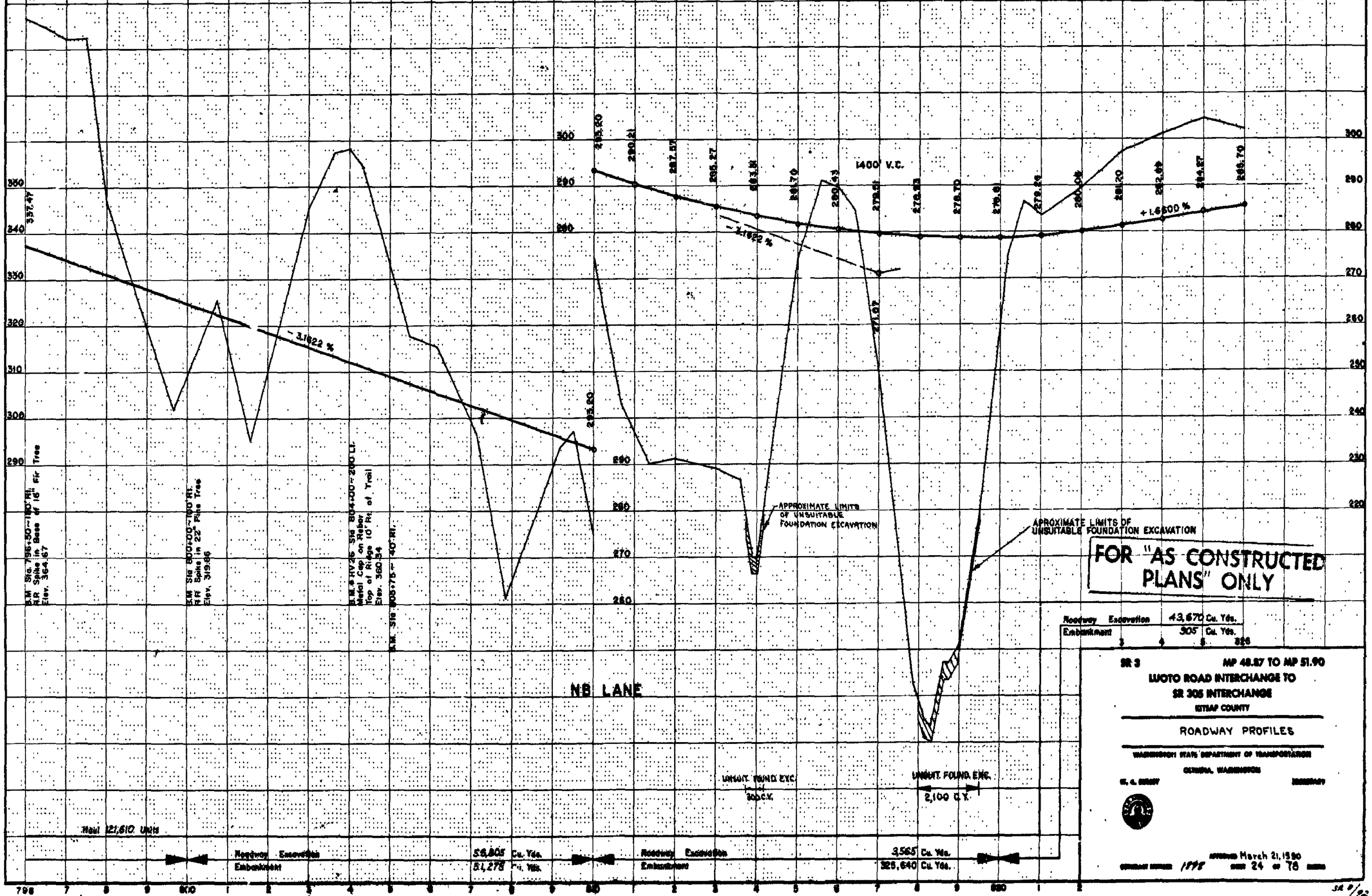
CONTRACT NUMBER 1898 SHEET 23 OF 78 SHEETS

L-9983
Sidewalk to Thompson Rd
MP 49.76 To Ref. SR 305
Sheet 23 of 63 Sheets

FED. ROAD DIV. NO.	STATE	FED. AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
10	WASH	N-TI-43(5)	24	78

ROADWAY SECTION A

CLEARING
GRUBBING



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ROADWAY PROFILES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

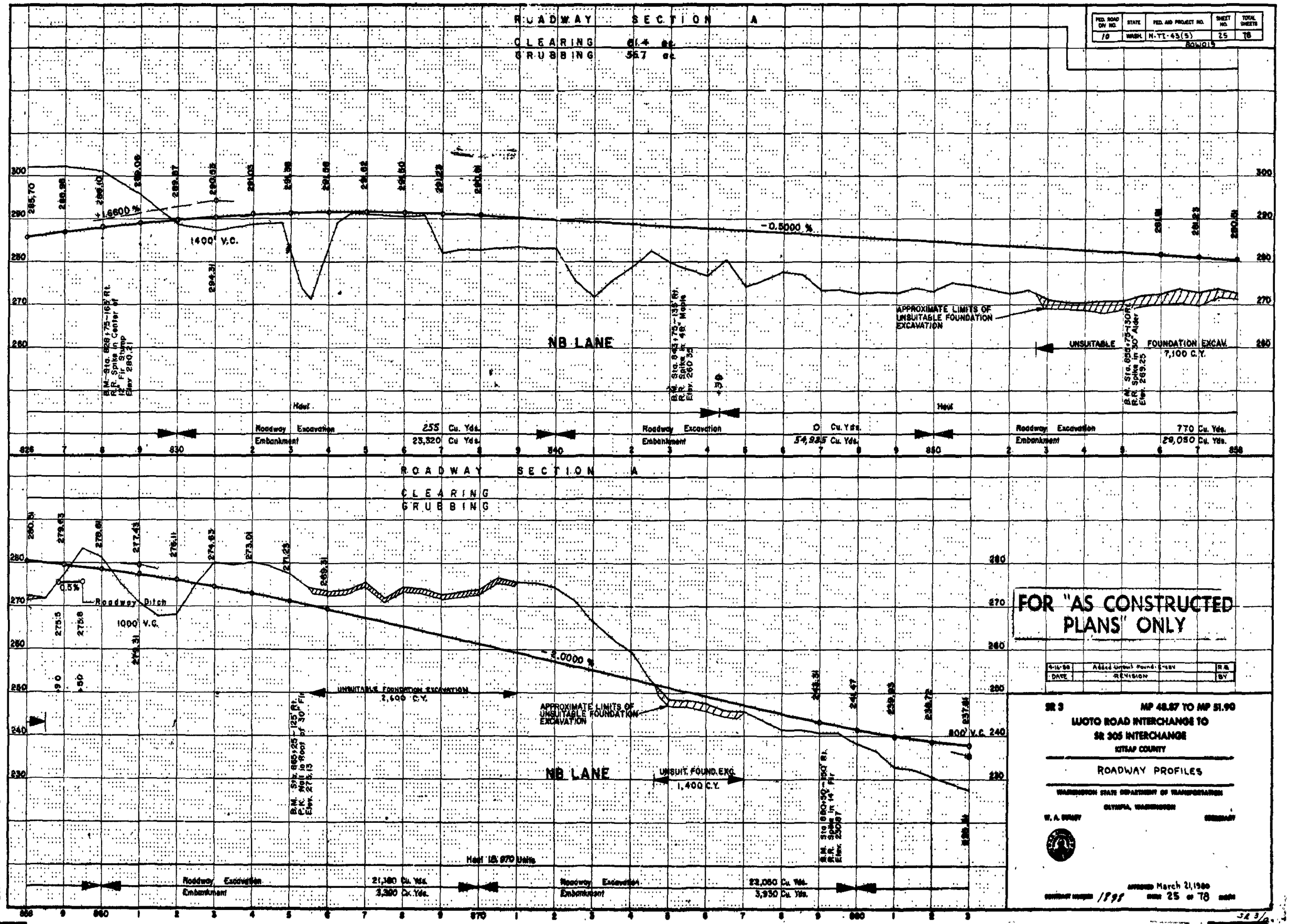
APPROVED March 21, 1990

CONTRACT NUMBER 1998 SHEET 24 OF 78 SHEETS

L4983
Shoreline to Thompson Rd.
MP 49 To Jct. SR 305
Sheet 27 Of 63 Sheets

FED. ROAD DIV. NO.	STATE	FED. AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	N-TI-43(5)	25	78

BOWOIS



FOR "AS CONSTRUCTED PLANS" ONLY

DATE	REVISION	BY
4-16-80	Added Unsuit. Found. Exc.	R.A.

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ROADWAY PROFILES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BUNDY SECRETARY

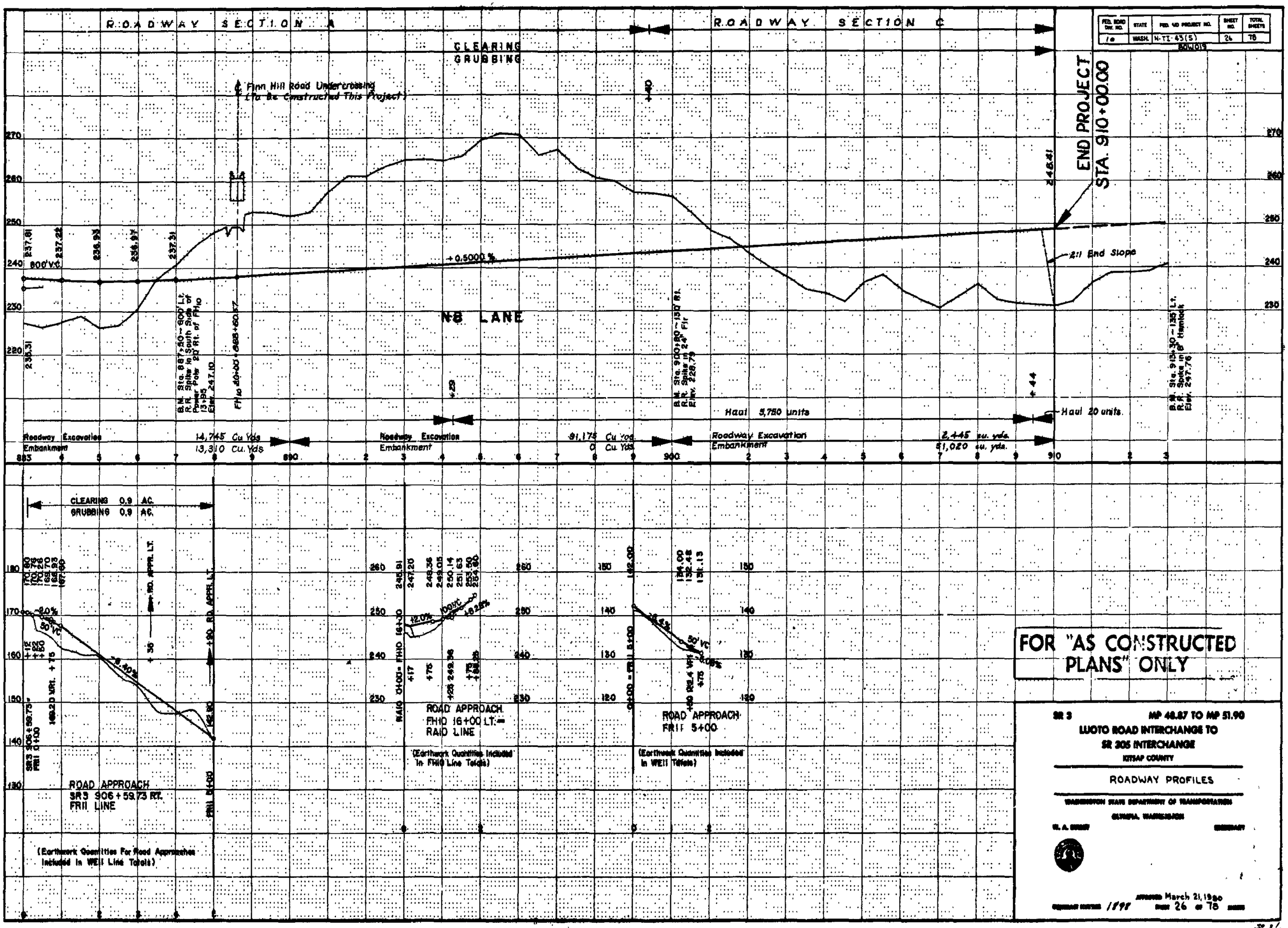
APPROVED March 21, 1980

CONTRACT NUMBER 1895 SHEET 25 OF 78 SHEETS

L-4983
Silverdale to Thompson Rd
MP 49 To Jct. SR 305
Sheet 25 Of 63 Sheets

FED. ROAD DIV. NO.	STATE	FED. AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	N-TI-43(5)	26	78

80W019



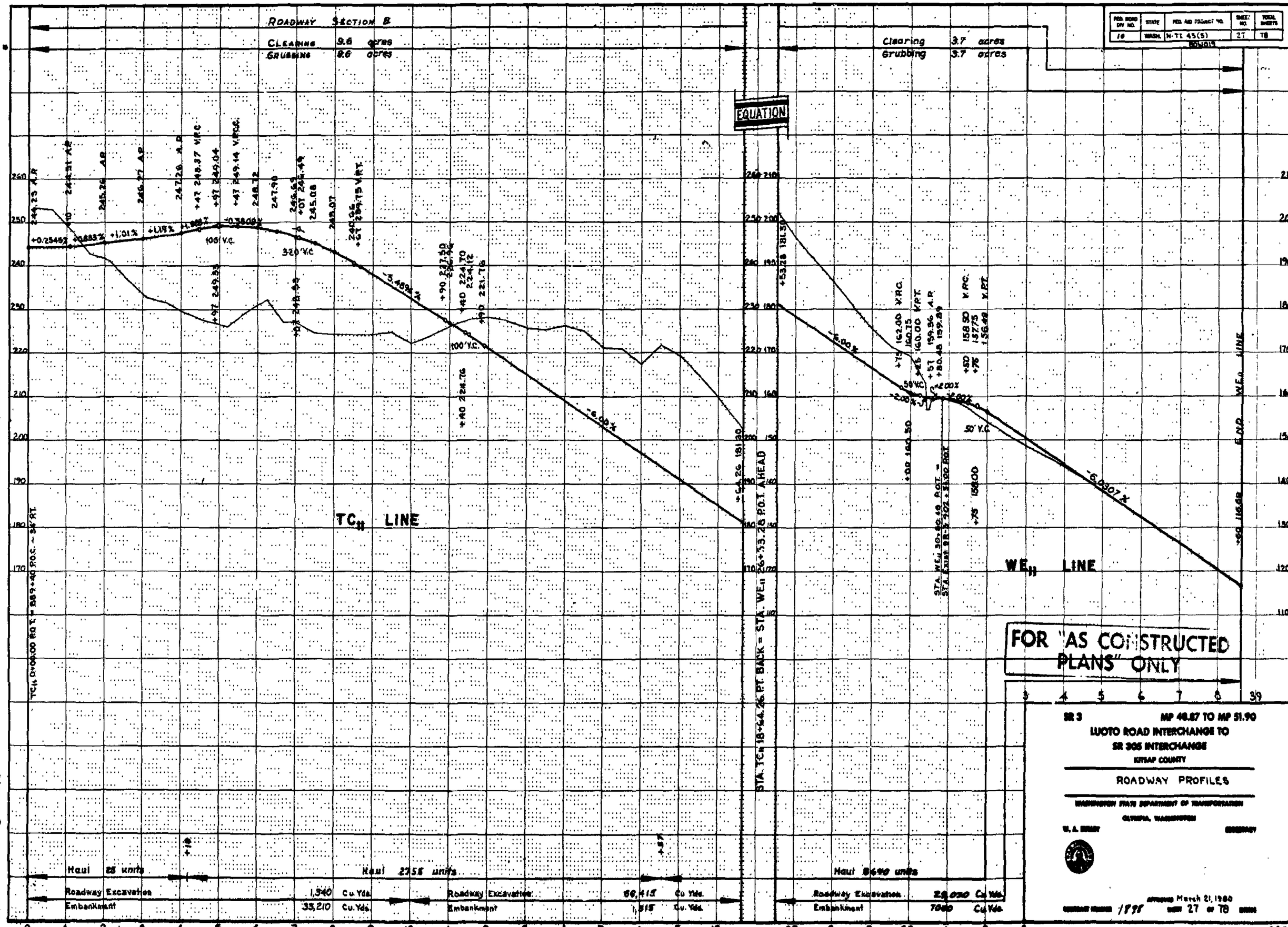
FED. ROAD DIV. NO.	STATE	FED. AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	H-TI 43(5)	27	78

BONDIS

ROADWAY SECTION B

CLEARING 9.6 acres
GRUBBING 9.6 acres

Clearing 3.7 acres
Grubbing 3.7 acres



Haul 25 units

Haul 2255 units

Haul 8690 units

Roadway Excavation	1,540	Cu. Yds.	Roadway Excavation	66,415	Cu. Yds.	Roadway Excavation	28,030	Cu. Yds.
Embankment	33,210	Cu. Yds.	Embankment	1,315	Cu. Yds.	Embankment	7040	Cu. Yds.

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

ROADWAY PROFILES

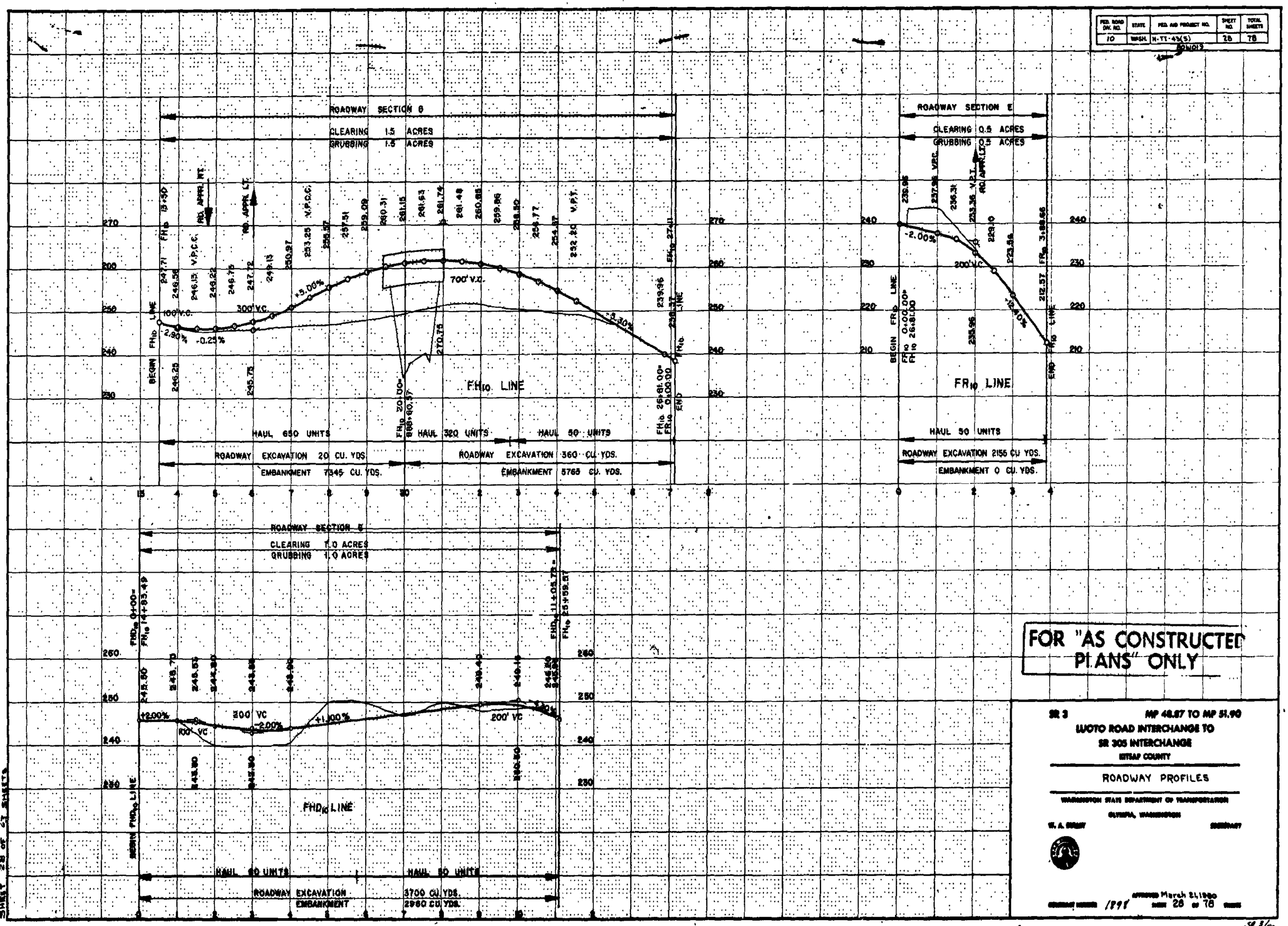
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BRADY SECRETARY

APPROVED March 21, 1980
CONTRACT NUMBER 1795 SHEET 27 OF 78

L-4983
Boundary to Thompson Rd
MP 49 TO JCT. SR 305
Sheet 27 Of 63 Sheets

FED. ROAD DIV. NO.	STATE	FED. AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	H-TT-43(5)	28	78



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

ROADWAY PROFILES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. STAUT SECRETARY

APPROVED March 21, 1980

1898 SHEET 28 OF 78

SR 3/63

STRUCTURE NOTES

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	29 of 78

NOTE:
THE FIRST NUMBER OF "CODE" REFERS TO THE SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	STATION	DITCH EXCAVATION INCLUDING HAUL C.Y.	GRATE INLET TYPE 1 OR 2 EACH	4 INCH QUARRY ROCK TON	8 INCH QUARRY ROCK TON	HAND PLACED RIPRAP C.Y.	LIGHT LOOSE RIPRAP TON	HEAVY LOOSE RIPRAP TON	FLARED END SECTION 36 INCH DIAMETER EACH	FLARED END SECTION 60 INCH DIAMETER EACH	UNDERDRAIN PIPE 6 IN. DIAMETER L.F.	UNDERDRAIN PIPE 8 IN. DIAMETER L.F.	DRAIN PIPE 8 IN. DIAMETER L.F.	DRAIN PIPE 12 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 12 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 18 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 24 IN. DIAMETER L.F.	TR. 2 STEEL CULVERT PIPE 0.064 IN. THICK 18 IN. DIAM. L.F.		SEE GENERAL NOTE NO.
35-1	753+24															84				1,2
35-2	751+50										40									
35-3	752+20										20									
36-1	782+00 to 785+00			115																3
36-2	782+00 to 798+00-66' Rt.			340																4
36-3	SH 21+10 to SH 22+10-10' Lt.																			5
36-4	786+35 Rt.					4								~~32~~ 50						6
36-5	785+00 to 788+60 Lt.															360				2
36-6	786+33 Rt.												50							7,8
36-7	788+60 to 798+00			360																3
35-4	760+50										60									
37-1	798+00		1			4														9,10
37-2	798+00 66' Rt.		1			1														10
37-3	798+25 to 802+00 52' Rt.																			
37-4	798+50 to 799+60 Rt.				56															11
37-5	799+00 to 799+60 Lt.				24															11
37-6	799+66					3												186 ~~170~~		2,12
37-7	801+58					3										174		~~170~~		2,13
37-8	802+00 to 805+75 52' Rt.																			
37-9	802+15 to 805+50			130																3
37-10	802+35 to 805+50 66' Rt.			75																4
37-11	805+50		1																	9
37-12	805+50 66' Rt.		1																	
37-13	805+75 to 809+00 52' Rt.																			
37-14	805+80 to 806+75 Rt.				38															11
37-15	807+25 to 808+10 Lt.				34															11
37-16	807+75 to 808+75 Rt.				40															11
37-17	808+26	0 ~~10~~				3												~~248~~ 247		2,12,14
37-18	808+90 to 809+50 Rt.				30															11
37-19	809+00 to 812+00 52' Rt.																			
37-20	809+50 Rt.				15															15
37-21	809+50 to 811+00 Rt.				80															11
37-22	809+60 to 812+00 Lt.				109															11
37-23	812+00 to 815+00 52' Rt.																			
37-24	812+10 Rt.				12															11
37-25	812+25 to 813+10 Rt.	30																		16
37-26	812+40											300								17,18,19
37-27	812+45 Rt to 814+10 Lt.											40								18,19,20
37-28	812+50 to 814+85 Rt.				120															11,18
37-29	813+53	41 ~~50~~				10 ~~18~~	~~20~~		2			420 ~~[illegible]~~								18,19,21,22,[illegible]
37-30	814+10 to 815+00 Lt.				52															11
37-31	814+10 to 814+30 Lt.	30																		16
37-54												40 ~~[illegible]~~								
	SHEET TOTALS	101 ~~120~~	4	1020	610	~~22~~ 27	~~200~~	0	2	0	0	~~[illegible]~~ ~~[illegible]~~	50	50	0	610 ~~444~~	0	433 ~~[illegible]~~		

80W019

GENERAL NOTES

1. Treatment 2 required on steel pipe alternates.
2. Beveled End Section (s) required.
3. See Roadway Ditch Detail A-1.
4. See Roadway Ditch Detail A-2.
5. Remove existing concrete inlet and/or culvert.
6. Connect to existing 12" Bridge Drain Pipe.
7. Connect to existing 6" Bridge Underdrain Pipe.
8. 90° Bend (s) required.
9. Grate Inlet Type 1 Not Acceptable.
10. See Grate Inlet and Earth Dam Detail.
11. See Rock Ditch Detail.
12. Plain Aluminum Culvert Pipe 0.138 inch Thick acceptable alternate.
13. Plain Aluminum Culvert Pipe 0.060 inch Thick acceptable alternate.
14. Ditch Section A.
15. See Rock Spillway Detail.
16. Ditch Section .
17. See Underdrain Pipe detail.
18. See Special Provision "GRAVEL BACKFILL FOR DRAINS".
19. No. 5 Concrete Aggregate.
20. See Stream Bed Detail.
21. No acceptable alternate.
22. See Culvert Cross Section Detail.
23. 3 x 1 Corrugations.
24. Concrete Pipe Anchors required. See Std. Plan B-41.
25. See Special Provision "Retention Pond Excavation Including Haul and Retention Pond Details."

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 49 To Jct. SR 305
Sheet 29 of 63 sheets
C-4983

SR 2 MP 48.87 TO MP 51.99
LUCIO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON
U.S. HIGHWAY NORTHWEST

March 31, 1980

GENERAL NOTES 1 SHT 29 OF 78 SHEETS

STRUCTURE NOTES

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	30 of 78

NOTE:
THE FIRST NUMBER OF "CODE" REFERS TO THE SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	STATION	TR. 2 STEEL CULVERT PIPE 0.064IN. THICK 36IN. DIAM. L.F.	TR. 2 STEEL CULVERT PIPE 0.138 IN. THICK 36IN.DIAM. L.F.	STEEL STRUCTURAL PLATE PIPE 1 GAGE 60 IN. DIAM. L.F.		MANHOLE UNDER 12 FEET 48 INCH DIAM. EACH	RETENTION POND OUTLET CONTROL SYSTEM L.S.	CATCH BASIN TYPE 2 EACH	TESTING SEWER PIPE L.F.	PLAIN CONCRETE OR V.C. SEWER PIPE 12 INCH DIAM. L.F.	PLAIN CONCRETE OR V.C. SEWER PIPE 15 INCH DIAM. L.F.	STRUCTURE EXCAVATION CLASS B C.Y.	SHORING AND CRIBBING OR EXTRA EXCAVATION CLASS B S.F.	GRAVEL BACKFILL FOR PIPE BEDDING C.Y.	GRAVEL BACKFILL FOR DRAIN C.Y.	RETENTION POND EXCAVATION INCLUDING HAUL C.Y.	TR. 2 Steel Culv. Pipe 36" dia. C.O. #2			
35-1	753+24											50		11						
35-2	751+50							*				4			12					
35-3	752+20											2			6					
36-1	782+00 to 785+00																			
36-2	782+00 to 798+00 66'Rt																			
36-3	SH 21+10 to SH 22+10 10'Lt											60	1000							
36-4	786+35 Rt											~~16~~ 8	~~3460~~							
36-5	785+00 to 788+60 Lt										263	~~375~~	~~4770~~							
36-6	786+33 Rt											15								
36-7	788+60 to 798+00																			
35-4	760+50											6			28					
37-1	798+00								~~53~~ 58		~~53~~ 58	~~40~~ 37		6 ~~8~~						
37-2	798+00 66'Rt								~~24~~ 30	~~24~~ 30				2 ~~3~~						
37-3	798+25 to 802+00 52'Rt					1			375		375	~~195~~ 226	06	40						
37-4	798+50 to 799+60 Rt																			
37-5	799+00 to 799+60 Lt																			
37-6	799+66											~~105~~ 22		~~22~~						
37-7	801+58											~~100~~ 7		~~21~~						
37-8	802+00 to 805+75 52'Rt					1			375		375	265	3417	42						
37-9	802+15 to 805+50																			
37-10	802+35 to 805+50 66'Rt																			
37-11	805+50								58	58		30	64	7						
37-12	805+50 66'Rt								~~66~~ 30	~~66~~ 30		~~20~~ 43		6 ~~3~~						
37-13	805+75 to 809+00 52'Rt								~~325~~ (285)	~~325~~		~~165~~ 182		31 ~~37~~						
37-14	805+80 to 806+75 Rt																			
37-15	807+25 to 808+10 Lt																			
37-16	807+75 to 808+75 Rt																			
37-17	808+~~26~~ 03											~~145~~ 3		~~31~~						
37-18	808+90 to 809+50 Rt																			
37-19	809+00 to 812+00 52'Rt					1			300		300	~~155~~ 21		34						
37-20	809+50 Rt																			
37-21	809+50 to 811+00 Rt																			
37-22	809+60 to 812+00 Lt																			
37-23	812+00 to 815+00 52'Rt					1			300		300	~~155~~ 21		34						
37-24	812+10 Rt																			
37-25	812+25 to 813+10 Rt																			
37-26	812+40											38			23					
37-27	812+45 Rt to 814+10 Lt											3			~~123~~ 85					
37-28	812+50 to 814+85 Rt											106.5	7516							
37-29	813+53		~~386~~									~~650~~	~~3610~~	75 ~~71~~	53 ~~29~~		394			
37-30	814+10 to 815+00 Lt																			
37-31	814+10 to 814+30 Lt																			
37-54																				
	SHEET TOTALS	0	~~386~~	0		4	0	0	1851	118	1733	2778	17867	366	~~245~~ 137	0	394			

80W019

GENERAL NOTES (CONT.)

26. See Special Provision "Retention Pond Outlet Control System" and Retention Pond Outlet Control System Details.
27. Ditch Section B.
28. Class IV Reinforced Concrete Culvert Pipe acceptable alternate.
29. Extend existing culvert.
30. 60° Bend(s) required.
31. See Roadway Ditch Section B-1.
32. Culvert to be removed after FH_{10} Line has been reopened to traffic.
33. See Conduit Installation Detail Sheet 46
34. See Quarry Rock Slope Protection Detail

FOR "AS CONSTRUCTED PLANS" ONLY

DATE	REVISION	BY
4-16-80	Added Note 34	R.B.

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

1998

March 21, 1980

SHEET 30 OF 78

C-4983
SR 305
SR 3
MP 49 To Jct. SR 305
Sheet 30 of 63 Sheets

STRUCTURE NOTES

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	31 of 78

BOW019

NOTE:
THE FIRST NUMBER OF "CODE" REFERS TO THE SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	STATION	DITCH EXCAVATION INCLUDING HAUL C.Y.	GRATE INLET TYPE 1 OR 2 EACH	4 INCH QUARRY ROCK TON	8 INCH QUARRY ROCK TON	HAND PLACED RIPRAP C.Y.	LIGHT LOOSE RIPRAP TON	HEAVY LOOSE RIPRAP TON	FLARED END SECTION 36 INCH DIAMETER EACH	FLARED END SECTION 60 INCH DIAMETER EACH	UNDERDRAIN PIPE 6 IN. DIAMETER L.F.	UNDERDRAIN PIPE 8 IN. DIAMETER L.F.	DRAIN PIPE 8 IN. DIAMETER L.F.	DRAIN PIPE 12 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 12 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 18 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 24 IN. DIAMETER L.F.	TR. 2 STEEL CULVERT PIPE 0.064 IN. THICK 18 IN. DIAM. L.F.		SEE GENERAL NOTE NO.	
37-32	814+20											265								17,18,19	
37-33	814+50											200								17,18,19	
37-34	815+00 to 815+16 Rt						15													2,24	
37-35	815+20 Rt				15							~~11~~								15	
37-36	815+10 to 816+02 Rt																			25	
37-37	815+85 to 816+52 Rt	15		5	10															26,27	
37-38	816+52 to 818+20 Rt	300					315	25												27	
37-39	816+55 to 818+10 Lt				100															11	
37-40	816+55 to 818+20 Rt				120															11	
37-41	817+35											~~275~~ 60								17,18,19	
37-42	817+75											460 ~~410~~								17,18,19	
37-43	818+19	50				33	20	15		2		~~465~~ 442								18,19,21,22	
37-44	818+35																			18,19,20	
37-45	818+15 to 819+50 Lt	210					230													27	
37-46	818+30 to 820+30 Rt	350			90		280													4,27	
37-47	818+40	600																		16	
37-48	818+70											140 ~~115~~								17,18,19	
37-49	819+18 Rt to 820+20											390 ~~340~~								1,11,12	
37-50	819+25																				
37-51	819+50 Lt to 820+20		1												81 ~~130~~					1,2,9,24	
37-52												20									
38-1	833+54					~~3~~											172 ~~134~~			2,13	
38-2	837+00 to 840+91 Lt	01 ~~200~~			30															14,27	
38-3	838+00 Rt				23															15	
38-4	840+84					3											21 ~~200~~			2,13	
38-5	842+00 Rt				40															15	
38-6	844+00 to 845+00 Lt	45																		14	
38-7	845+00					3										158				1,2	
38-8	846+00				26															15	
38-9	849+00					3										142				1,2	
38-10	850+00 Rt				20															15	
37-53												76									
39-1	852+00 to 855+00 Lt	20																		14	
39-2	854+00					63										138				1,2	
39-3	854+15 Rt				22															15	
39-4	857+00 to 858+50 Lt	10								39-19 +	(144)									14	
39-5	858+00 Rt	(31)	+ 39-19		12					39-18 +	(100)									15	
39-6	858+50	(171)	+ 39-16			~~7~~				39-15	(120)					108				1,2	
39-7	858+00 to 858+90 Lt				16															11	
39-8	861+75	~~5~~				~~5~~				39-14 +	(391 ~~40~~)					120				1,2	
39-9	862+30 Rt				6					code										15	
39-10	878+00					3				39-12 →	(140)						108			1,2	
39-11	862+50 to 874+50 Lt.				1800					39-13 +	(140)									31	
	SHEET TOTALS	1705	1	5	2330	57	860	40	0	2	0	2370	0	0	130	666	108	394			

FOR "AS CONSTRUCTED PLANS" ONLY

DATE	REVISION	BY
4-16-80	Added Sta. & Gen. Note. And Rev. Quantities	R.B.

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

1898 SHEET 31 OF 78 APPROVED March 21, 1980

L-4983
SR 3
MP 49 To Jct. SR 305
Sheet 31 of 63 Sheets

STRUCTURE NOTES

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	32 of 78

80W019

NOTE:
THE FIRST NUMBER OF "CODE" REFERS TO THE SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	STATION	TR.2 STEEL CULVERT PIPE 0.064 IN. THICK 36 IN DIAM.	TR.2 STEEL CULVERT PIPE 0.138 IN. THICK 36 IN. DIAM.	STEEL STRUCTURAL PLATE PIPE 1 GAGE 60 IN. DIAM.		MANHOLE UNDER 12 FEET 48 INCH DIAM.	RETENTION POND OUTLET CONTROL SYSTEM	CATCH BASIN TYPE 2	TESTING SEWER PIPE	PLAIN CONCRETE OR V.C. SEWER PIPE 12 INCH DIAM.	PLAIN CONCRETE OR V.C. SEWER PIPE 15 INCH DIAM.	STRUCTURE EXCAVATION CLASS B	SHORING AND CRIBBING OR EXTRA EXCAVATION CLASS B	GRAVEL BACKFILL FOR PIPE BEDDING	GRAVEL BACKFILL FOR DRAIN	RETENTION POND EXCAVATION INCLUDING HAUL
		L.F.	L.F.	L.F.		EACH	L.S.	EACH	L.F.	L.F.	L.F.	C.Y.	S.F.	C.Y.	C.Y.	C.Y.
37-32	814+20											34			20	
37-33	814+50											26			15	
37-34	~~815+00 to 815+16~~ ~~Rt~~					~~1~~					~~36~~	~~24~~	~~120~~	~~4~~		
37-35	815+20 RT															
37-36	815+10 to 816+02 RT															1730
37-37	815+85 to 816+52 RT						L.S.				48	80	~~1100~~ 754		2	
37-38	816+52 to 818+20 RT															
37-39	816+55 to 818+10 LT															
37-40	816+55 to 818+20 RT															
37-41	817+35											36			21	
37-42	817+75											54			31	
37-43	818+19			482								741	1423	195	36	
37-44	818+35														134	
37-45	818+85 to 819+50 LT															
37-46	818+30 to 820+30 RT															
37-47	818+40															
37-48	818+70								126 ~~114~~	126 ~~114~~		54			31	
37-49	819+18 RT to 820+20							1				70 ~~60~~		11		
37-50	819+25											44			25	
37-51	819+50 to 820+20 LT											52 ~~40~~		~~15~~		
38-1	833+54											18 ~~15~~		~~24~~		
38-2	837+00 to 840+91 LT															
38-3	838+00 RT															
38-4	840+84											118		25		
38-5	842+00 RT															
38-6	844+00 to 845+00 LT															
38-7	845+00											17 ~~92~~		20		
38-8	846+00															
38-9	849+00											15 ~~84~~		~~48~~		
38-10	850+00 RT															
39-14	874+40 – 876+80											11				
39-1	852+00 to 855+00 LT															
39-2	854+00											35 ~~81~~		26 ~~17~~		
39-3	854+15 RT															
39-4	857+00 to 858+50 LT															
39-5	858+00 RT															
39-6	858+50											27 ~~64~~		20 ~~14~~		
39-7	858+00 to 858+90 LT															
39-8	861+75											31 ~~70~~		24		
39-9	862+30 RT															
39-10	878+00											32 ~~71~~		16		
39-11	862+50 to 874+50 LT															
	SHEET TOTALS	0	0	482		1	L.S.	1	114	114	84	1833	2643	381	313	1730

FOR "AS CONSTRUCTED PLANS" ONLY

DATE	REVISION	BY
4-16-80	Added Sta.	R.B.

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

1988 March 27, 1980
32 78

SR 3 MP 49 To Jct. SR 305 L-4983
Sheet 32 of 63 Sheets

STRUCTURE NOTES

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	33 of 78

80W019

NOTE:
THE FIRST NUMBER OF "CODE" REFERS TO THE SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THE PARTICULAR SHEET.

CODE	STATION	DITCH EXCAVATION INCLUDING HAUL C.Y.	GRATE INLET TYPE 1 OR 2 EACH	4 INCH QUARRY ROCK TON	8 INCH QUARRY ROCK TON	HAND PLACED RIPRAP C.Y.	LIGHT LOOSE RIPRAP TON	HEAVY LOOSE RIPRAP TON	FLARED END SECTION 36 INCH DIAMETER EACH	FLARED END SECTION 60 INCH DIAMETER EACH	UNDERDRAIN PIPE 6 IN. DIAMETER L.F.	UNDERDRAIN PIPE 8 IN. DIAMETER L.F.	DRAIN PIPE 8 IN. DIAMETER L.F.	DRAIN PIPE 12 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 12 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 18 IN. DIAMETER L.F.	SCHEDULE A CULVERT PIPE 24 IN. DIAMETER L.F.	TR. 2 STEEL CULVERT PIPE 0.064 IN. THICK 18 IN. DIAM. L.F.		SEE GENERAL NOTE NO.	
40-1	883+61					3										138				1,2	
40-2	884+85 RT to 885+50 LT																			18,19, 20	
40-3	885+38					~~8~~ 7			2											13,28	
40-4	885+55 RT				15															15	
40-5	886+84 to 890+30 LT															346				1,2	
40-6	FH_{10} 15+00																12			29	
40-7	FH_{10} 15+00 to 18+00 LT	~~2950~~																		14	
40-8	FH_{10} 16+00 46'LT														30~~68~~					1,2	
40-9	FH_{10} 19+20 RT				20															15	
40-10	FH_{10} 19+30 LT				12															15	
40-11	FH_{10} 19+65										40		36							8	
40-12	FH_{10} 20+95										40		24							30	
40-13	FH_{10} 21+65 RT				11															15	
40-14	FH_{10} 21+75 LT				10															15	
40-15	FH_{10} 26+81 LT														70~~82~~					1,21	
40-16	FHD_{10} 3+00															60~~46~~				2,32	
40-17	FR_{10} 2+00 20'LT														30~~55~~						
40-18	904+50 to 909+75 LT	~~2300~~																		14	
40-19	889+15															72				1,3	
41-1	TC_{11} 10+00					~~3~~										118				1,2	
41-2	TC_{11} 10+50 to WE_{11} 30+40 LT				245															31	
41-3	TC_{11} 11+50 to WE_{11} 30+40 RT				220															31	
41-4	910+05															165					
42-1	EXIST. SR3 903+50															33~~94~~				1,2	
42-2	EXIST. SR3 904+50																			5	
42-3	WE_{11} 31+95 25'LT																			5	
42-4	WE_{11} 32+35 45'LT																			5	
42-5	WE_{11} 33+71 15'RT																			5	
42-6	WE_{11} 34+50 RT				19															15	
42-7	WE_{11} 35+10 65'RT																			5	
42-8	WE_{11} 37+77 19'LT																			5	
42-9	WE_{11} 38+50 LT				18															15	
42-10	WE_{11} 32+50 to 36+00 85'LT	760			255															27	
42-11	FR_{11} 3+50 to 5+00 30'RT				55															31	
	SHEET TOTALS	1040	0	0	880	6	0	0	2	0	80	0	60	0	195	814	12	0			
	PROJECT TOTALS	2865	5	1025	3820	90	880	40	4	2	80	3060	110	50	325	1924	120	990			

FOR "AS CONSTRUCTED PLANS" ONLY

DATE	REVISION	BY
4-16-80	Rev. Project Total	R.B.

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

R. A. DEALEY — CHAIRMAN

1896

CONTRACT NUMBER

March 21, 1980

SHEET 33 OF 78 SHEETS

SR 3
MP 49 To Jct. SR 305
Sheet 33 of 63 Sheets

STRUCTURE NOTES

REGION NO.	STATE	FED. AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	34 of 78

80W019

NOTE:
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CODE	STATION	TR. 2 STEEL CULVERT PIPE 0.064 IN. THICK 36IN. DIAM.	TR.2 STEEL CULVERT PIPE 0.138 IN.THICK 36IN. DIAM.	STEEL STRUCTURAL PLATE PIPE 1 GAGE 60 IN. DIAM.		MANHOLE UNDER 12 FEET 48 INCH DIAM.	RETENTION POND OUTLET CONTROL SYSTEM	CATCH BASIN TYPE 2	TESTING SEWER PIPE	PLAIN CONCRETE OR V.C. SEWER PLATE 12 INCH DIAM.	PLAIN CONCRETE OR V.C. SEWER PIPE 15 INCH DIAM.	STRUCTURE EXCAVATION CLASS B	SHORING AND CRIBBING OR EXTRA EXCAVATION CLASS B	GRAVEL BACKFILL FOR PIPE BEDDING	GRAVEL BACKFILL FOR DRAIN	RETENTION POND EXCAVATION INCLUDING HAUL				
		L.F.	L.F.	L.F.		EACH	L.S.	EACH	L.F.	L.F.	L.F.	C.Y.	S.F.	C.Y.	C.Y.	C.Y.				
40- 1	883+61											~~8~~127		17						
40- 2	884+85RT to 885+50 LT														30					
40- 3	885+38	140~~0~~										1~~18~~93	53~~31~~							
40- 4	885+55 RT											273	~~340~~							
40- 5	886+84 to 890+30 LT											~~326~~	~~4150~~							
40- 6	FH_{10} 15+00											1								
40- 7	FH_{10} 15+00 to 18+00 LT																			
40- 8	FH_{10} 16+00 46'LT											~~2~~3								
40- 9	FH_{10} 19+20 RT																			
40-10	FH_{10} 19+30 LT																			
40-11	FH_{10} 19+65											10			5					
40-12	FH_{10} 20+95											7			5					
40-13	FH_{10} 21+65 RT																			
40-14	FH_{10} 21+75 LT																			
40-15	FH_{10} 26+81 LT											4								
40-16	FHO_{10} 3+00											~~10~~0								
40-17	FR_{10} 2+00 20'LT											~~10~~2								
40-18	904+50 to 909+75 LT																			
40-19	889+15											100	1400	10						
41- 1	TC_{11} 10+00											~~69~~13		0 ~~14~~						
41- 2	TC_{11} 10+50 to WE_{11} 30+40 LT																			
41- 3	TC_{11} 11+50 to WE_{11} 30+40 RT																			
41- 4	910+05											16.5								
42- 1	Exist. SR3 903+50											~~77~~47		10~~12~~						
42- 2	Exist. Sr3 904+50											89								
42- 3	WE_{11} 31+95 25'LT											5								
42- 4	WE_{11} 32+35 45'LT											5								
42- 5	WE_{11} 33+71 15'RT											5								
42- 6	WE_{11} 34+50 RT																			
42- 7	WE_{11} 35+10 65'RT											~~5~~16								
42- 8	WE_{11} 37+77 19'LT											5								
42- 9	WE_{11} 38+50 LT																			
42-10	WE_{11} 32+50 to 36+00 85'LT																			
42-11	FR_{11} 3+50 to 5+00 30'RT																			
	SHEET TOTALS	140	0	0		0	0	0	0	0	0	839	5550	84	40	0				
	PROJECT TOTALS	140	386	482		5	L.S.	1	1965	232	1817	5505	26,060	831	490	1730				

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON
W.A. BRADY DIRECTOR

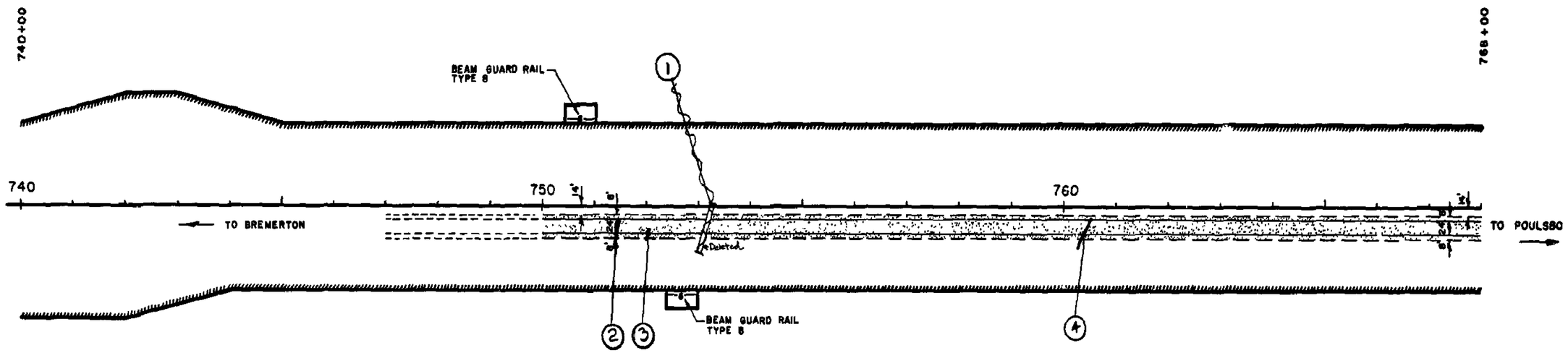
1998
APPROVED APRIL 21, 1980
SHEET 34 OF 78

SR 3 L-4963
MP 49 TO Jct. SR 305
Sheet 34 of 63 sheets

18	WASH.	N-TT 43(5)	35 of 78

80W015

T. 26N., R.1E., W.M.



PAVING & DRAINAGE PLAN

LEGEND

- Asphalt Concrete Pavement
- Grate Inlet
- Catch Basin
- Manhole
- Ditch Section A
- Ditch Section B
- Quarry Rock Or Riprap
- Ditch Section C

100 0 100 200
Scale in Feet

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

PAVING AND DRAINAGE PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BAILEY SECRETARY

APPROVED March 21, 1980

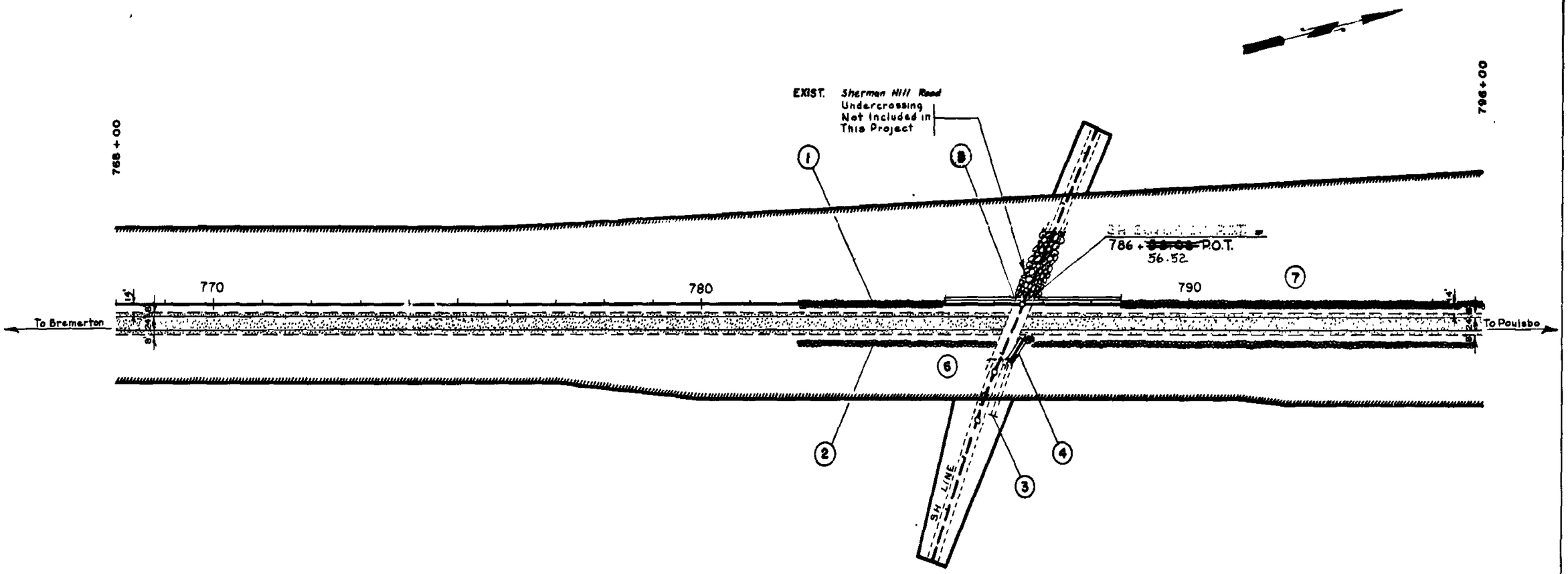
CONTRACT NUMBER 1198 SHEET 35 OF 78 SHEETS

SR 3
Silverdale to Thompson Rd
MP 49.16 TO MP. SR 305
Sheet 35 OF 63 Sheets
L-4983

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WASH.	N-TI-43(5)	36 of 78

80W015

T. 26N., R.1E., W.M.



PAVING & DRAINAGE PLAN

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

PAVING AND DRAINAGE PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BIGGY SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 36 OF 78 SHEETS

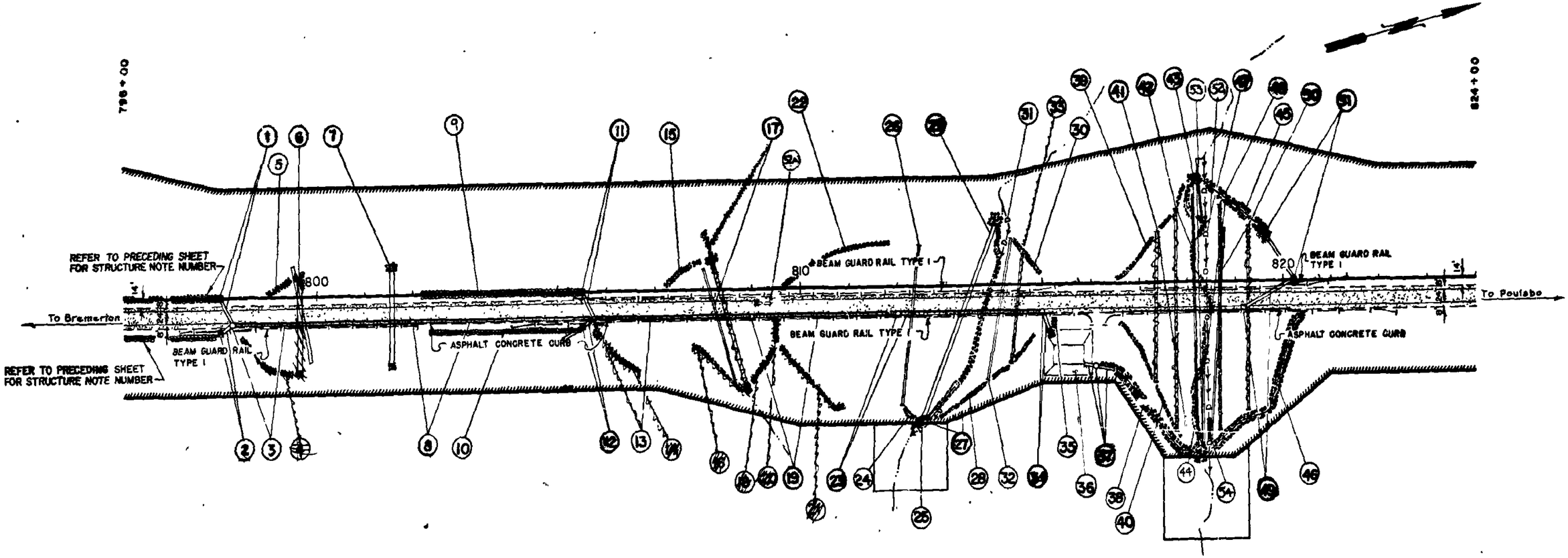
Scale in Feet: 100 0 100 200

DESIGNED	L. Gruber		2-27-79
CHECKED			
CHIEF ENGR.			
DIR. PROJ.	D. Gaston		
	A.B. Morrell		

SR3
Silverdale to Thompson Rd
MP 49 To Jct. SR 305
Sheet 36 Of 63 Sheets

L-4983

SR 3



PAVING & DRAINAGE PLAN

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

PAVING AND DRAINAGE PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLEY SECRETARY

APPROVED March 21, 1980

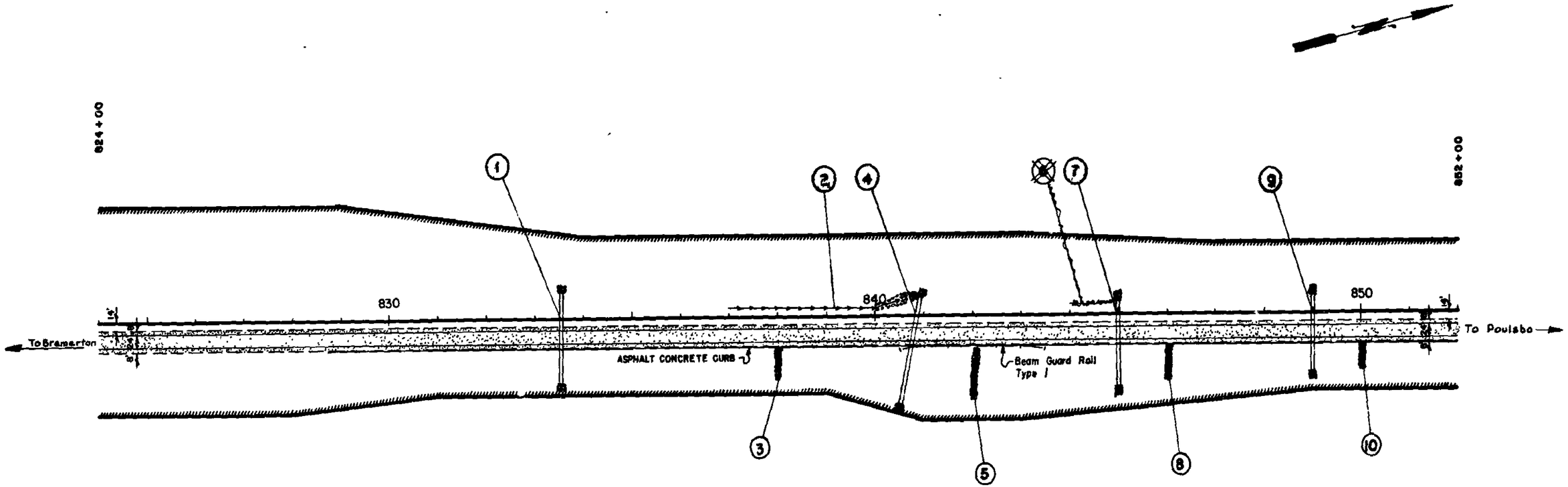
CONTRACT NUMBER 1899 SHEET 37 OF 78 SHEETS

100 0 100 200
Scale In Feet

DESIGN		
DRAWN		
CHECKED		
PROJ. ENGR. (SR)		
DIST. ENGR.		
BY	L. Gruber	DATE 2-27-79
	Jackson	
	A.R. Morris II	

SR3
Silverdale to Thompson Rd
MP 49 To Jct. SR 305
Sheet 37 Of 63 Sheets
L-4983

SR 2 / 8



PAVING & DRAINAGE PLAN

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

PAVING AND DRAINAGE PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BULLEY SECRETARY

APPROVED March 21, 1980

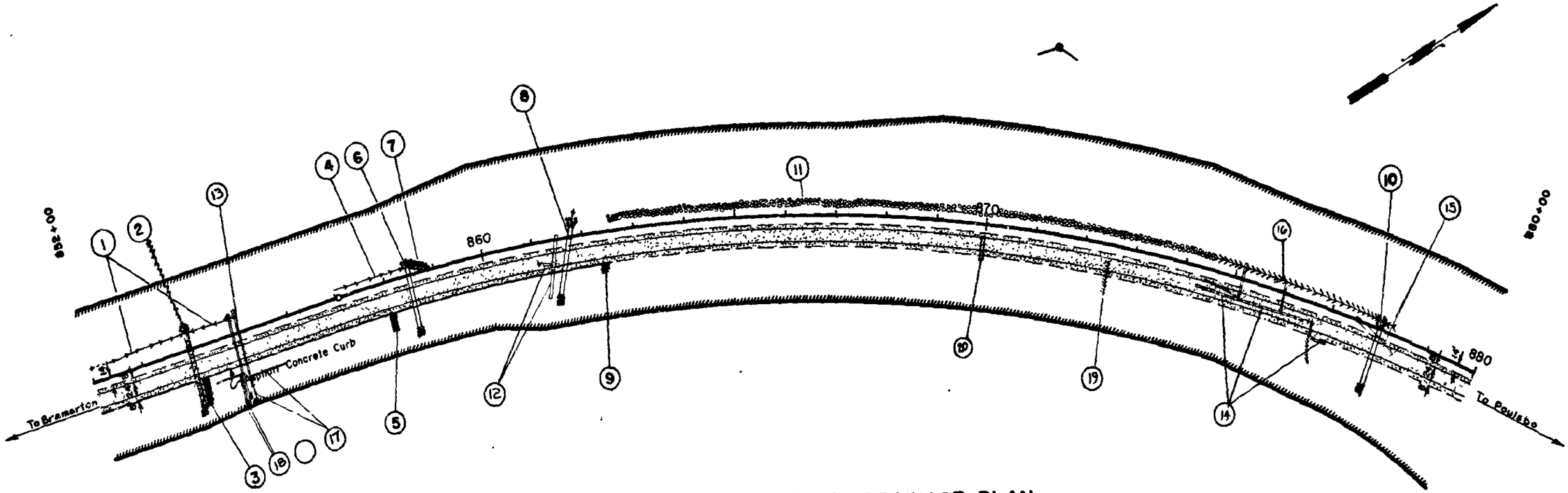
CONTRACT NUMBER 1898 SHEET 38 OF 78 SHEETS

100 0 100 200
Scale in Feet

DESIGN	L. Gruber	DATE 2-27-79
CHECKED		
PROJ. ENGR.		
PROJ. MGR.	L. Jackson	
REP. MGR.	L. G. Morrell	

SR3
Silverdale to Thompson Rd
MP 47 To Jct. SR 305
Sheet 38 Of 63 Sheets

L-4983



PAVING & DRAINAGE PLAN

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

PAVING AND DRAINAGE PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. SHALEY SECRETARY

Scale in Feet: 100 0 100 200

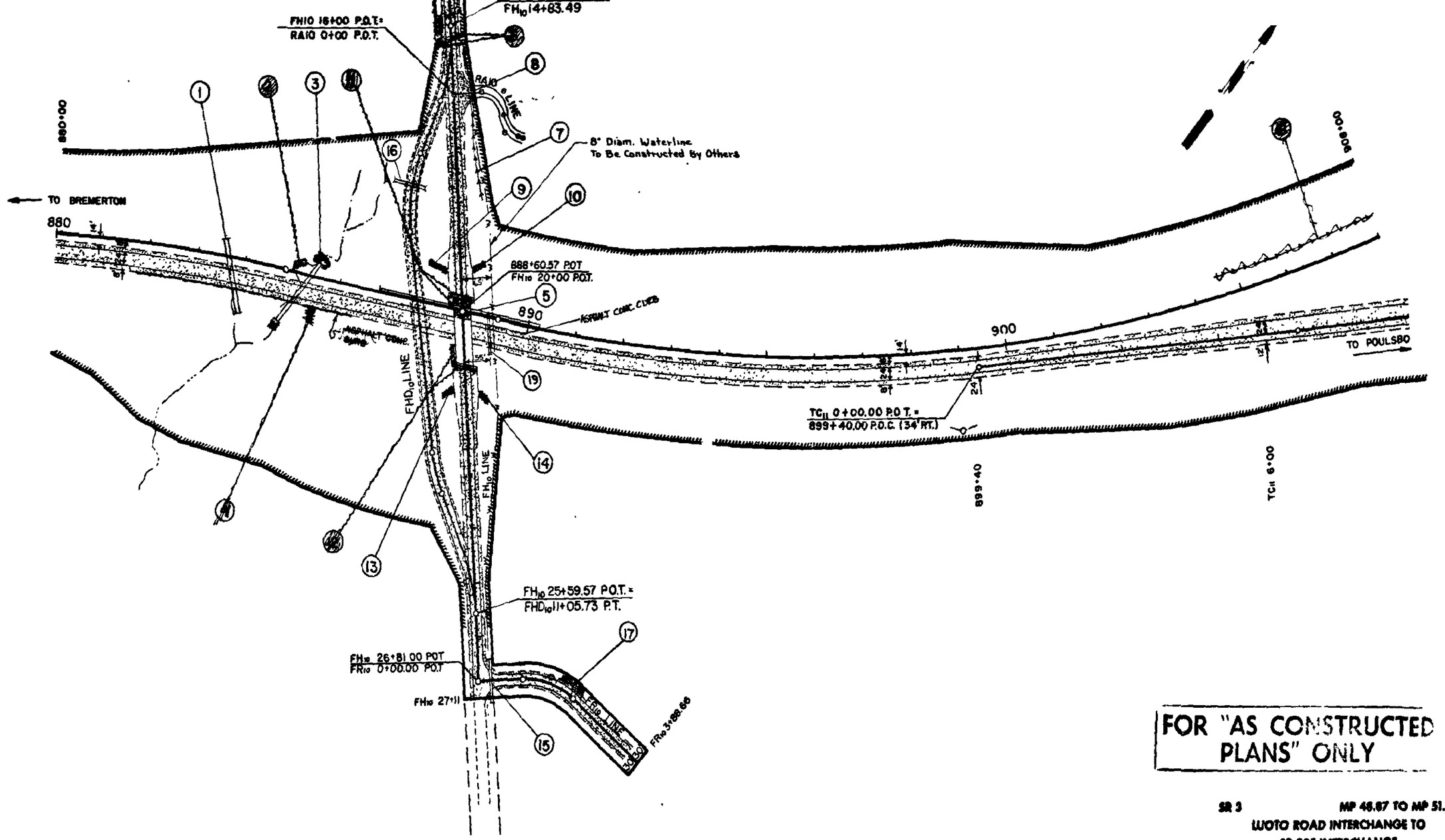
DATE	REVISION	BY
4-16-80	Added Str Note 11	R.B.

APPROVED March 21, 1980

CONTRACT NUMBER 1998 SHEET 39 OF 78 SHEETS

Silverdale to Thompson Rd
MP 49 To Jct. SR 305
Sheet 39 Of 61 Sheets

SR 2/93



PAVING & DRAINAGE PLAN

Scale in Feet: 100 0 100 200

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

PAVING AND DRAINAGE PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

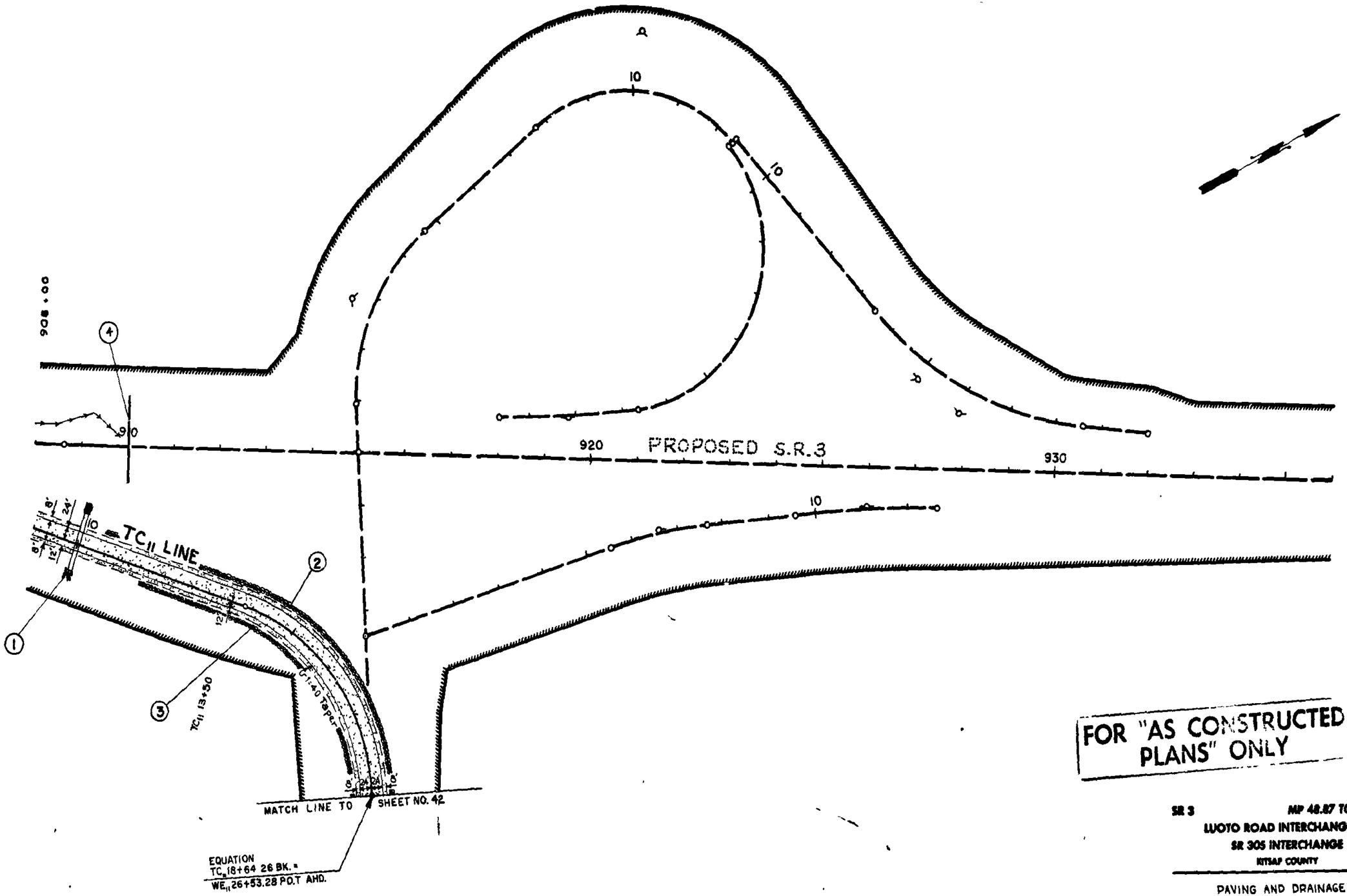
W. A. BUGART SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1799 SHEET 40 OF 78 SHEETS

SR 2/9

L-4703
Silverdale to Thompson Rd
MP 49 To Jct. SR 305
Sheet 40 Of 63 Sheets



FOR "AS CONSTRUCTED PLANS" ONLY

PAVING & DRAINAGE PLAN

100 0 100 200
Scale in Feet

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

PAVING AND DRAINAGE PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BURRY SECRETARY

APPROVED March 21, 1980

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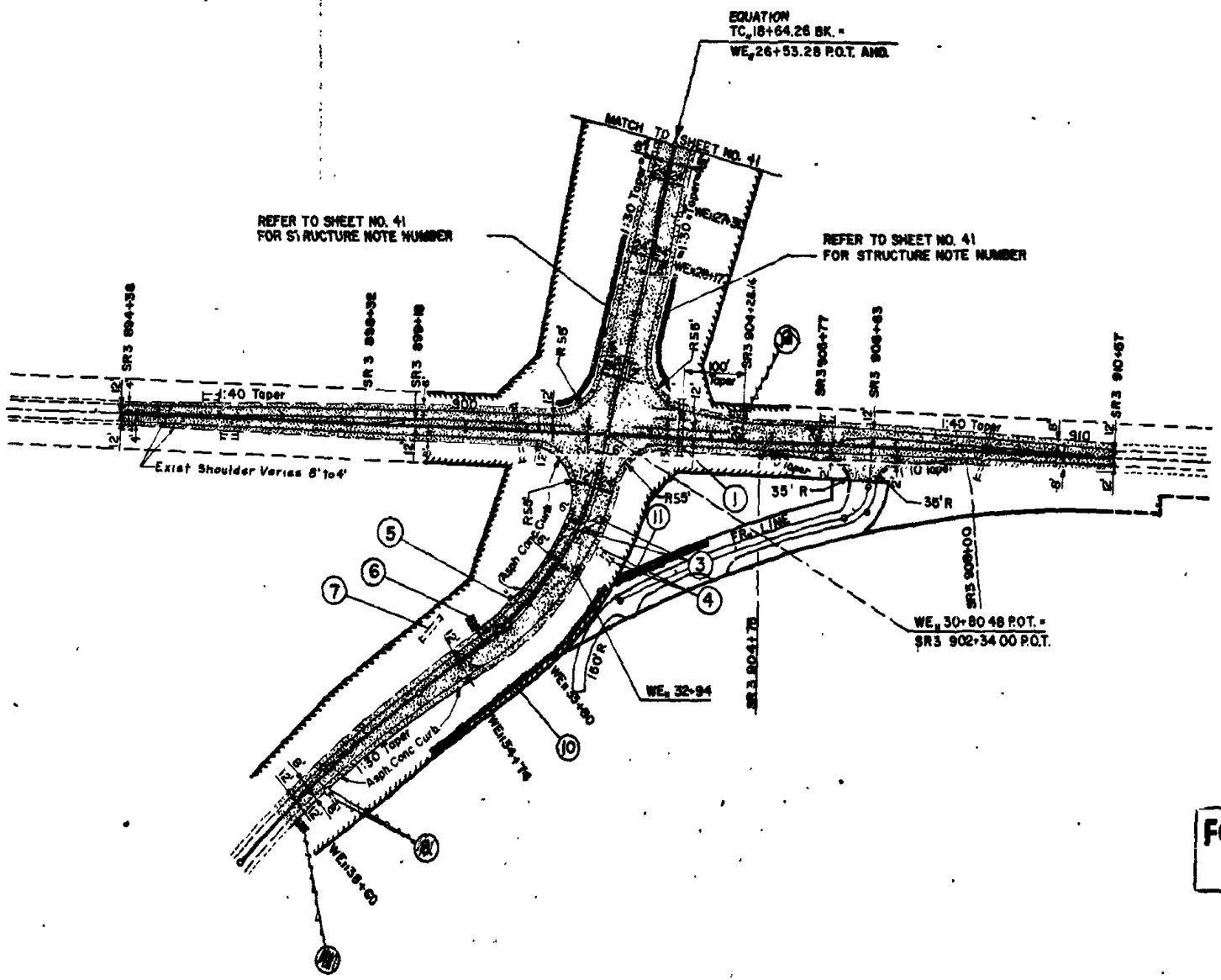
SR 3/92

Silverdale to Thompson Rd
MP 49 To Jct. SR 305
Sheet 41 Of 63 Sheets



PAVING & DRAINAGE PLAN

100 0 100 200
Scale in Feet

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

PAVING AND DRAINAGE PLANS

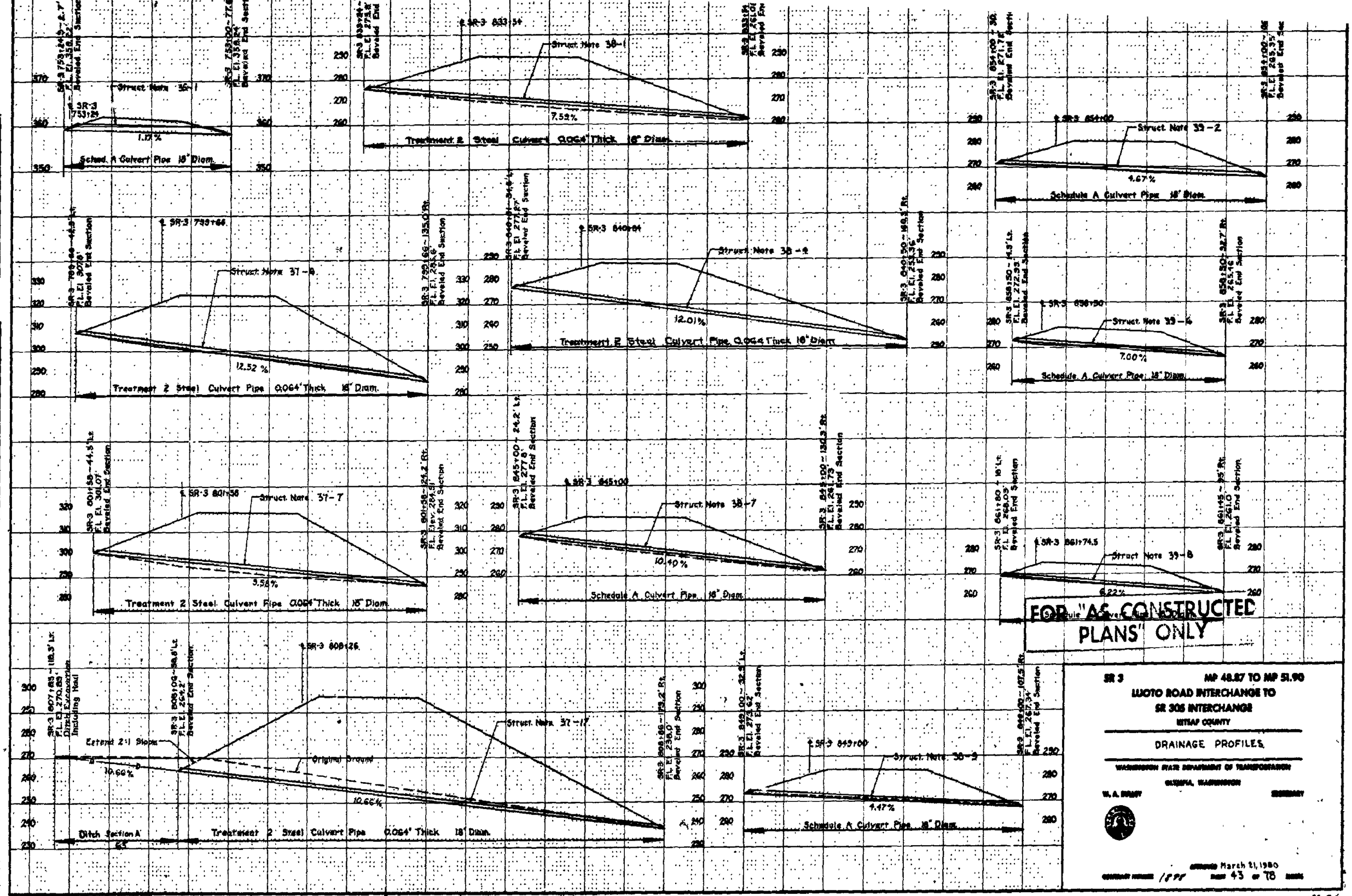
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BRIDGE SECRETARY

DATE	REVISION	BY
4-16-80	Rev. Sta. And Radius	R.S.

APPROVED March 21, 1980
CONTRACT NUMBER 1898 SHEET 42 OF 78 SHEETS

Silverdale to Thompson Rd
MP 47.76 to Jct. SR 305
Sheet 42 of 63 Sheets



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

DRAINAGE PROFILES

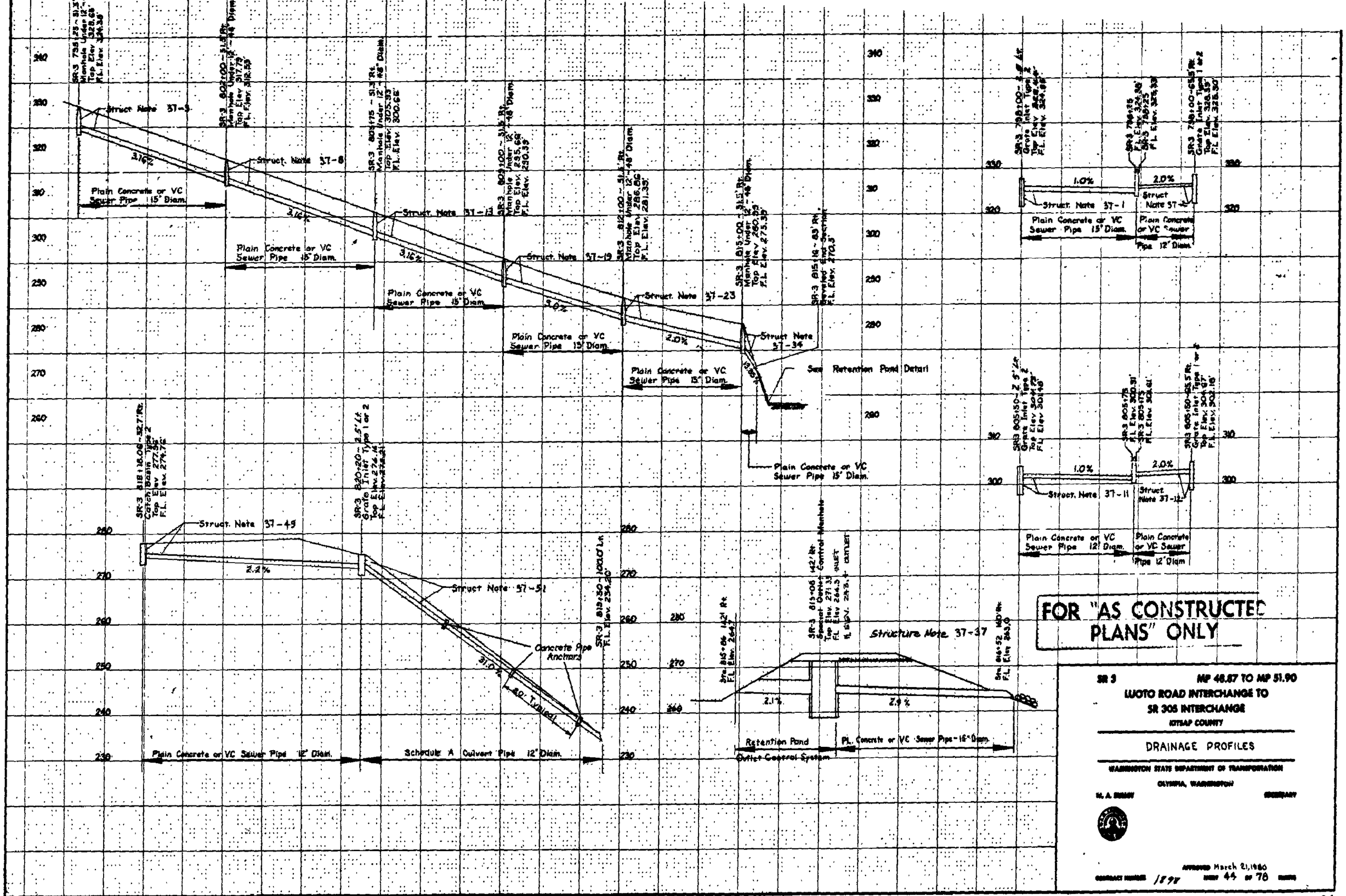
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BRADY SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1899 SHEET 43 OF 78 SHEETS



SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

DRAINAGE PROFILES

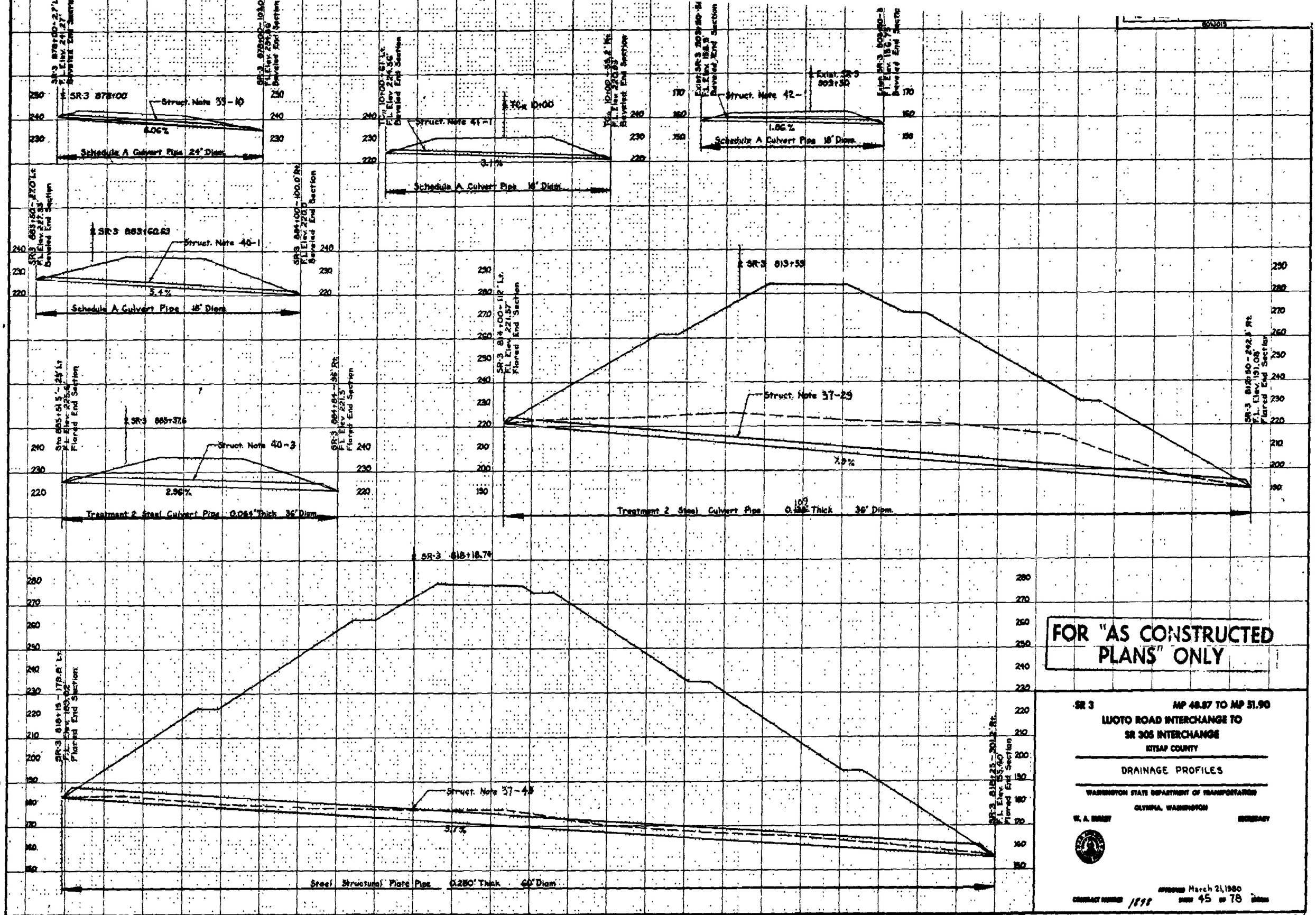
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 44 OF 78 SHEETS

Silverdale to Thompson
MP 49 to Jct. SR 305
Sheet 44 of 63 Sheets



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

DRAINAGE PROFILES

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BUGGY — SECRETARY

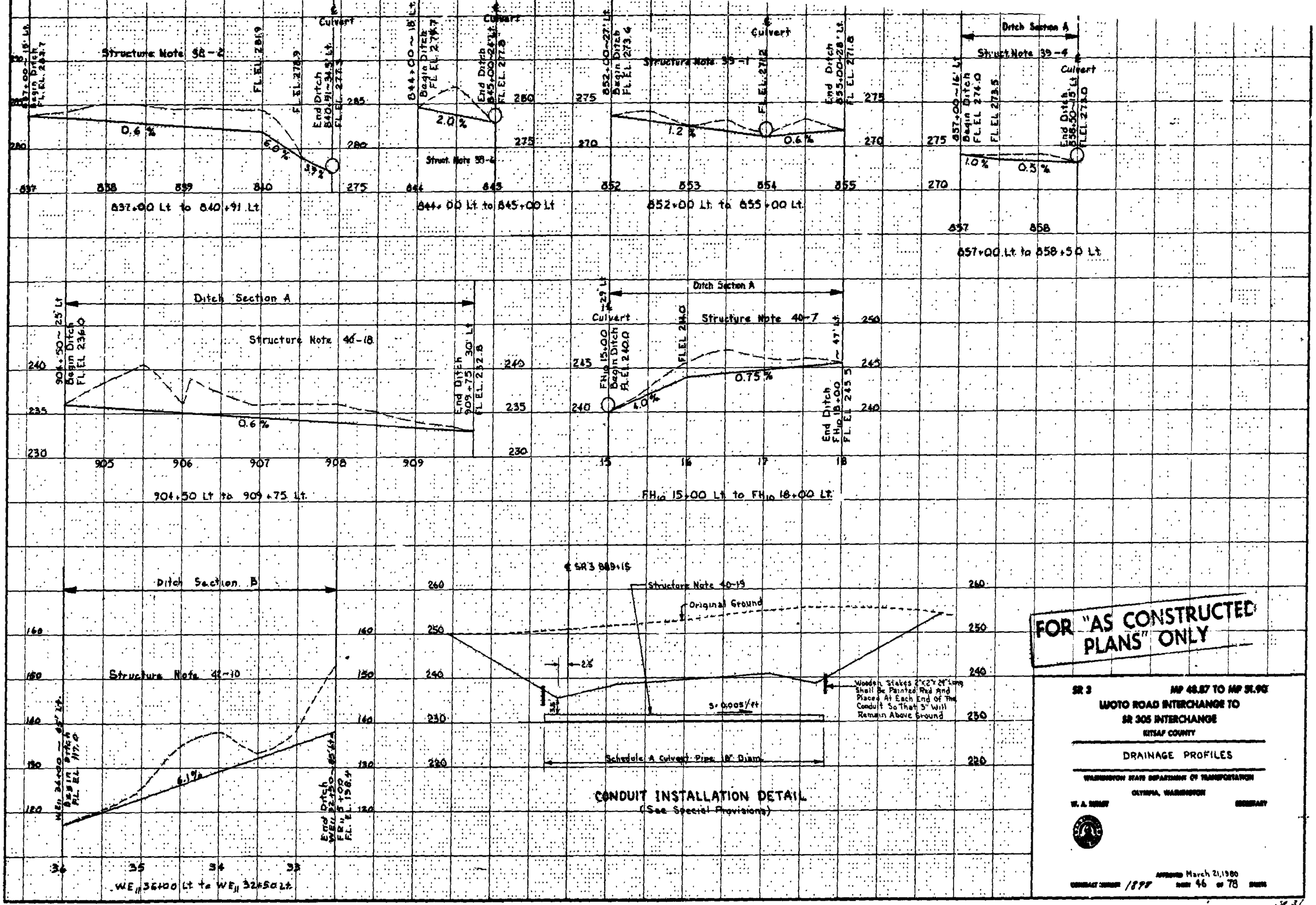
APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 45 OF 78 SHEETS

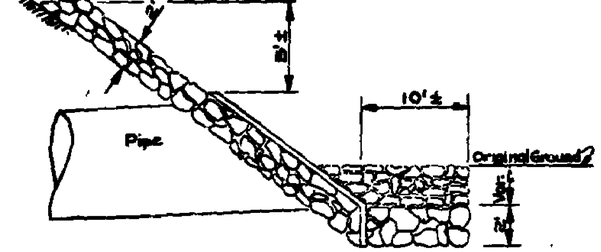
SR 3/6

MP 49 To Jct. SR 305

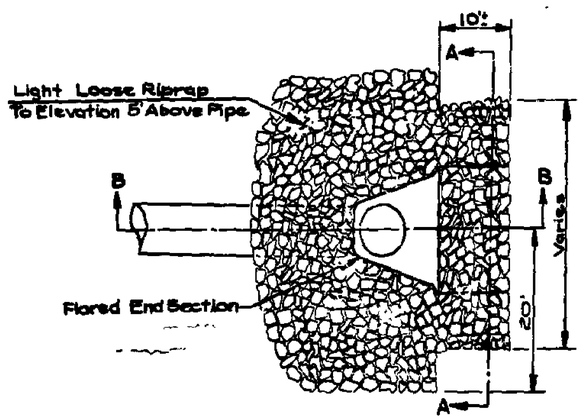
Sheet 45 Of 63 Sheets



Structure to Thompson Rd
MP 49.76 to JCT. SR 305
Sheet 46 of 93 Sheets



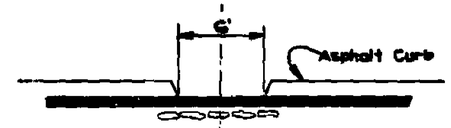
SECTION B-B



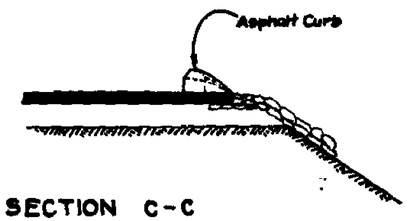
RIPRAP DETAILS

Structure Note 37-29
Structure Note 3 -43

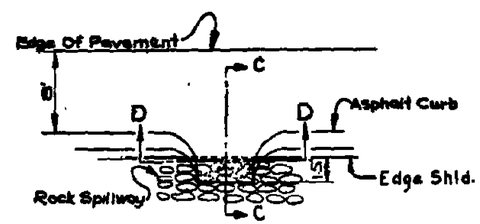
ROCK SPILLWAY DETAIL
(See Structure Notes)



SECTION D-D

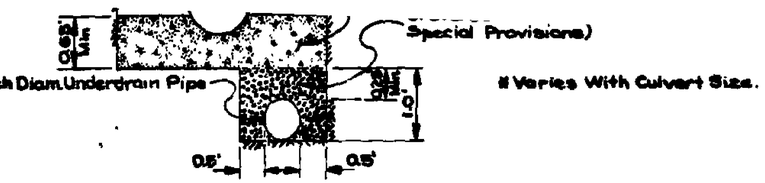


SECTION C-C

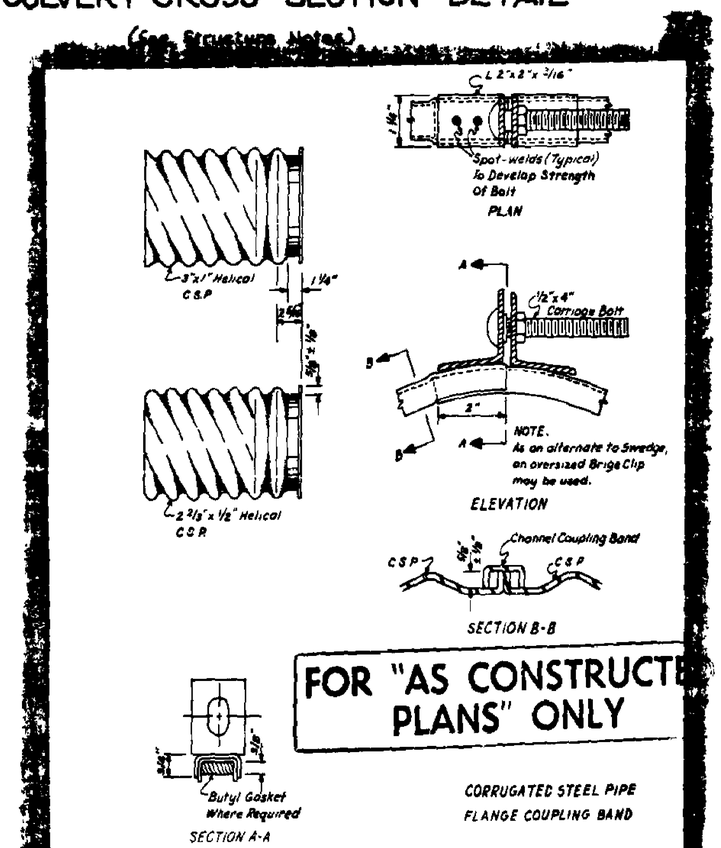


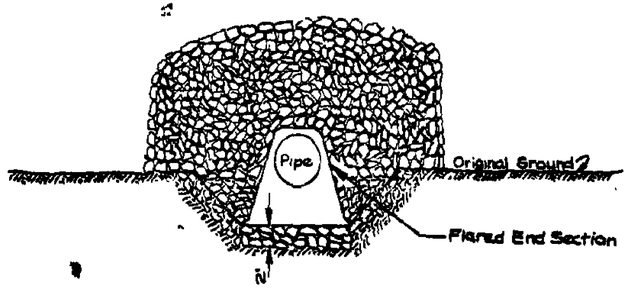
CURB OPENING DETAIL
PLAN VIEW

Structure Note 37-20
Structure Note 38-3,5,8,10
Structure Note 39-3,5
Structure Note 40-4
Structure Note 42-6

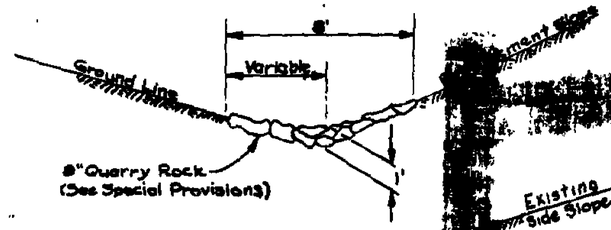


CULVERT CROSS SECTION DETAIL
(See Structure Notes)

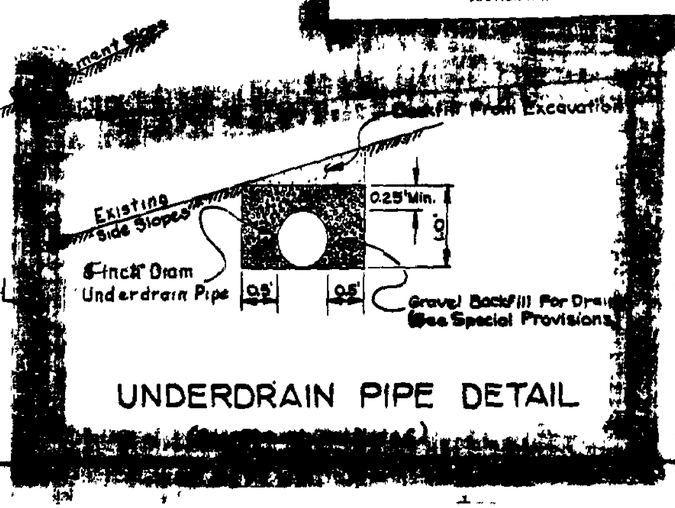




SECTION A-A



ROCK DITCH DETAIL
(See Structure Notes)



UNDERDRAIN PIPE DETAIL

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

DRAINAGE DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLITT SECRETARY

APPROVED March 21, 1980
CONTRACT NUMBER 1899 SHEET 47 OF 78 SHEETS

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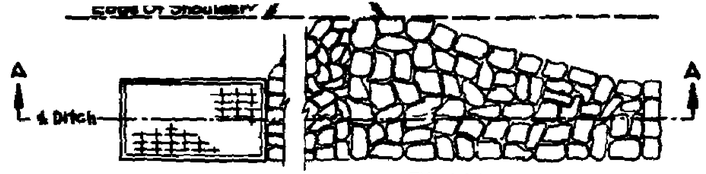
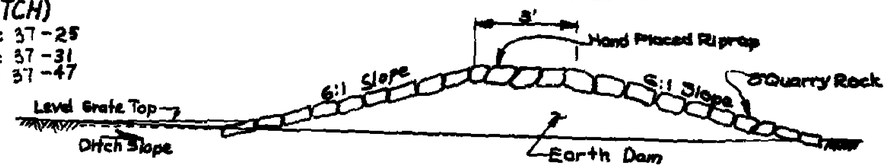
DITCH SECTION C
(DIVERSION DITCH)
Structure Note 37-25
Structure Note 37-31
Structure Note 37-47

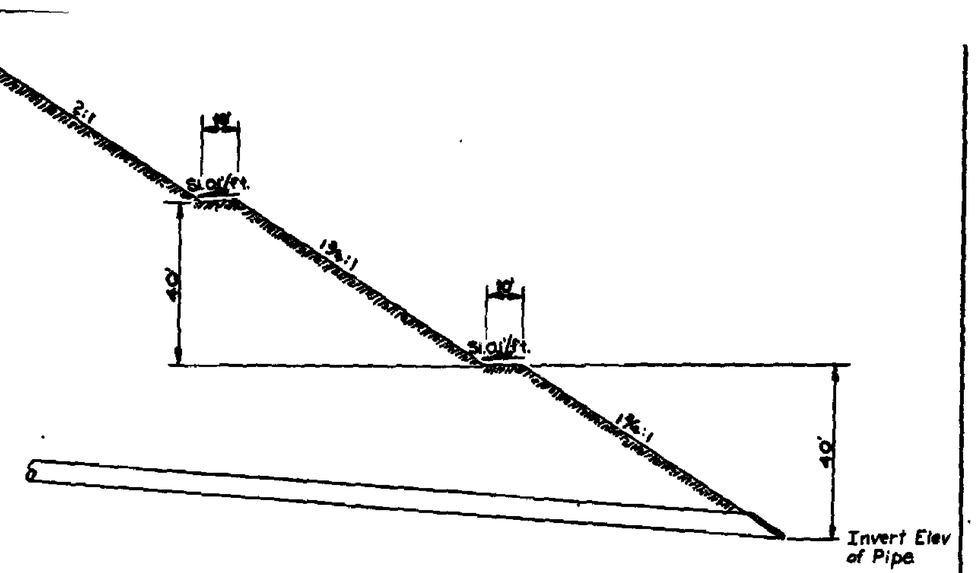


PLAN

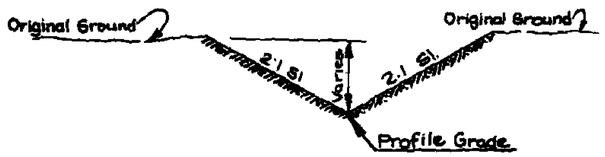


SECTION A-A

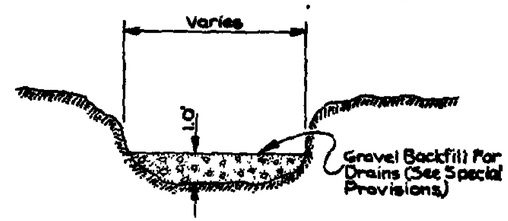
GRATE INLET AND EARTH DAM DETAIL
Structure Note 37-1
Structure Note 37-2



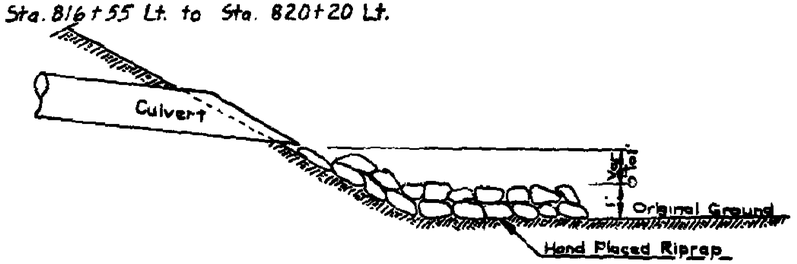
EMBANKMENT BENCH DETAIL
(SEE SPECIAL PROVISIONS)
Sta. 808+00 Rt. to Sta. 815+25 Rt.
Sta. 809+75 Lt. to Sta. 815+10 Lt.
Sta. 816+50 Rt. to Sta 820+15 Rt.
Sta. 816+55 Lt. to Sta. 820+20 Lt.



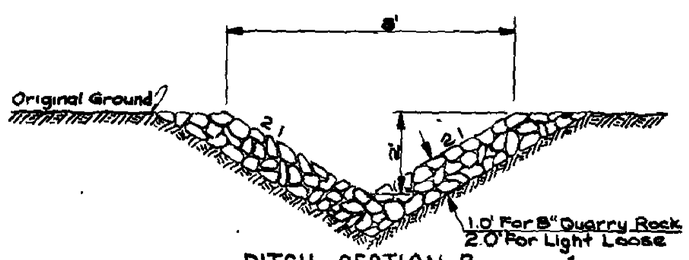
DITCH SECTION A
(See Structure Notes)



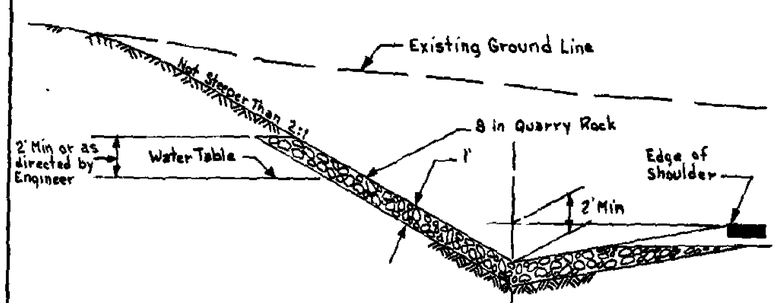
STREAM BED DETAIL
(See Structure Notes)



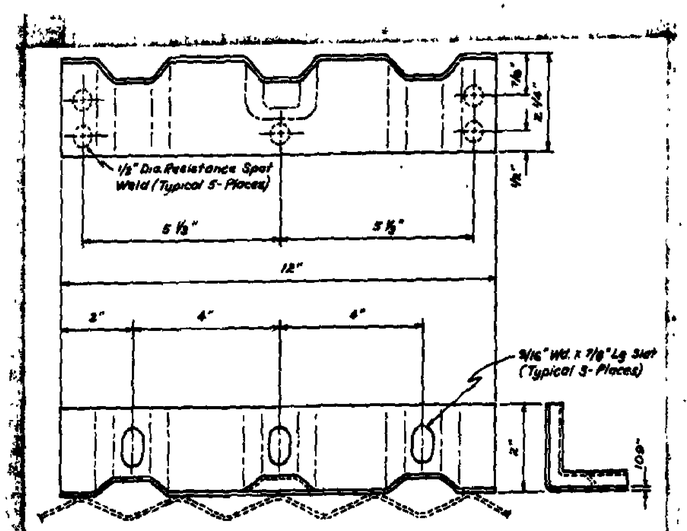
TYPICAL CULVERT OUTLET DETAIL



DITCH SECTION B
(See Structure Notes)



QUARRY ROCK SLOPE PROTECTION DETAIL
STA. SR 3 862+50 TO STA 874+50 LT.



ALTERNATE BAND ANGLE FOR TYPE D STEEL COUPLING BAND

FOR "AS CONSTRUCTED PLANS" ONLY

DATE	REVISION	BY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

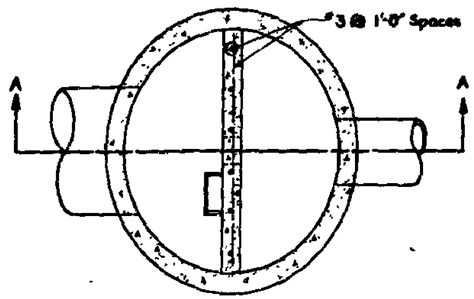
DRAINAGE DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLITT SECRETARY

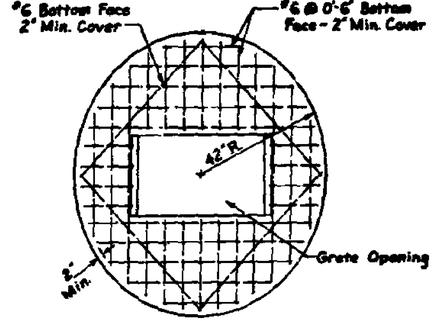
APPROVED March 21, 1980

CONTRACT NUMBER 7898 SHEET 48 OF 78 SHEETS

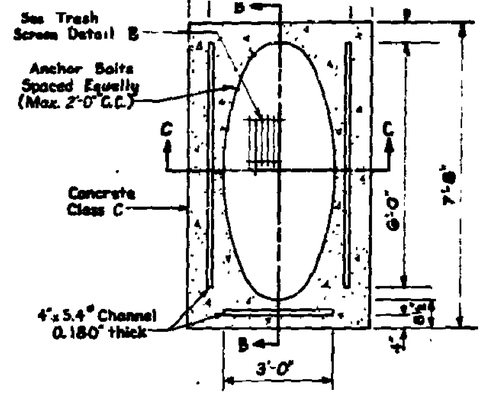


PLAN

SPECIAL OUTLET CONTROL MANHOLE

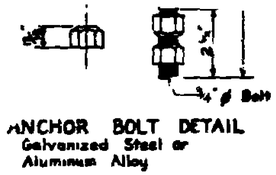


PRECAST TOP SLAB



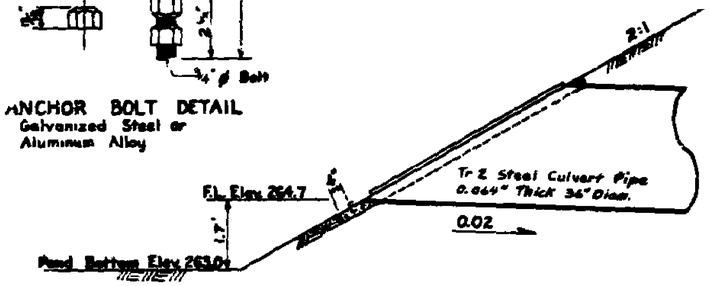
PLAN VIEW

POND OUTLET HEADER AND TRASH SCREEN

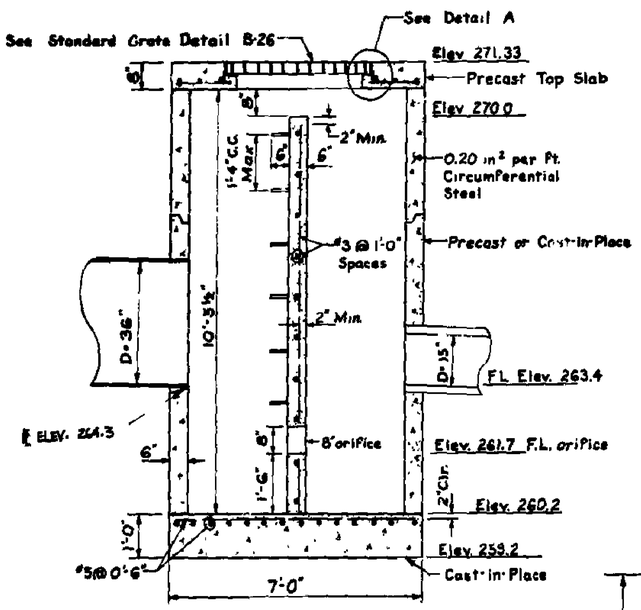


ANCHOR BOLT DETAIL

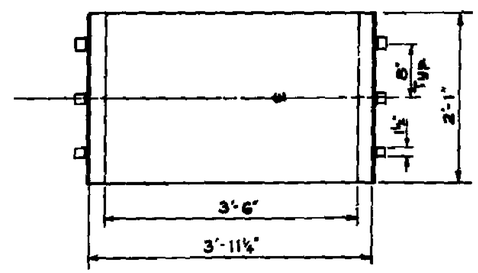
Galvanized Steel or Aluminum Alloy



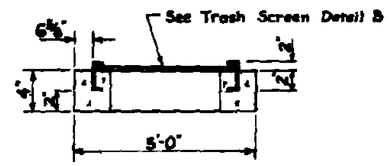
SECTION B-B



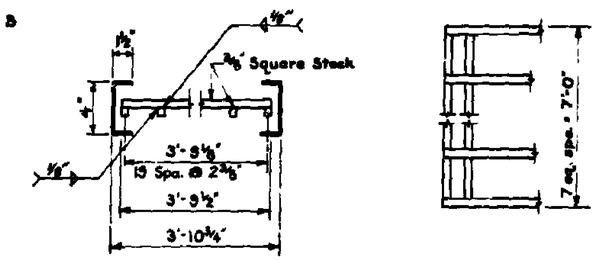
SECTION A-A



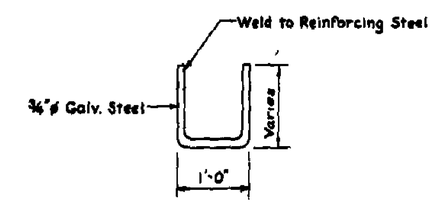
GRATE OPENING DETAIL



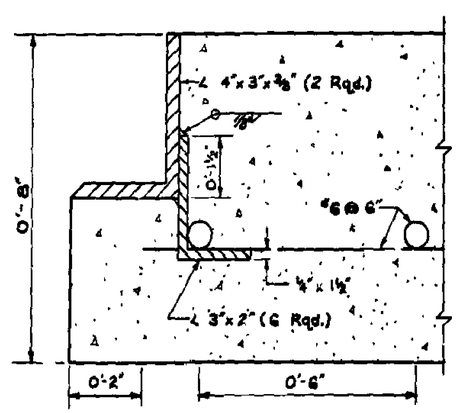
SECTION C-C



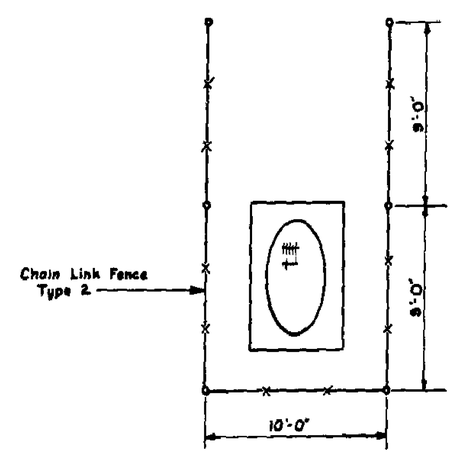
TRASH SCREEN DETAIL B



LADDER RUNG DETAIL

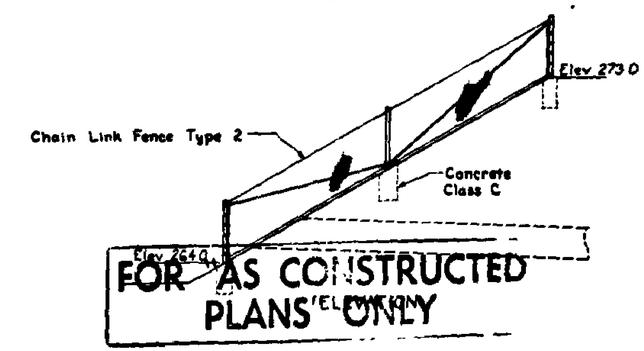


DETAIL A



PLAN VIEW

FENCE PLACEMENT



FOR AS CONSTRUCTED PLANS ONLY

Notes:

All reinforced Cast-in-place Concrete shall be Class A.

All precast concrete shall be Class AX.

Non-reinforced concrete shall be Class C.

Trash Screen to be galvanized after fabrication.

See Std Plan B-28 for Anchor Bolt and Reinforcing Steel Specifications.

SR 3 MP 49.57 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

DRAINAGE DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

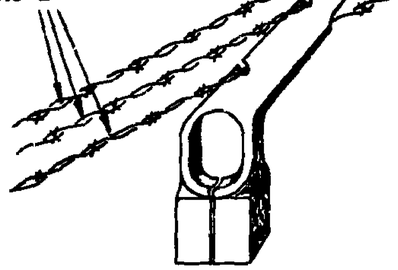
OLYMPIA, WASHINGTON

W. A. BURKY SECRETARY

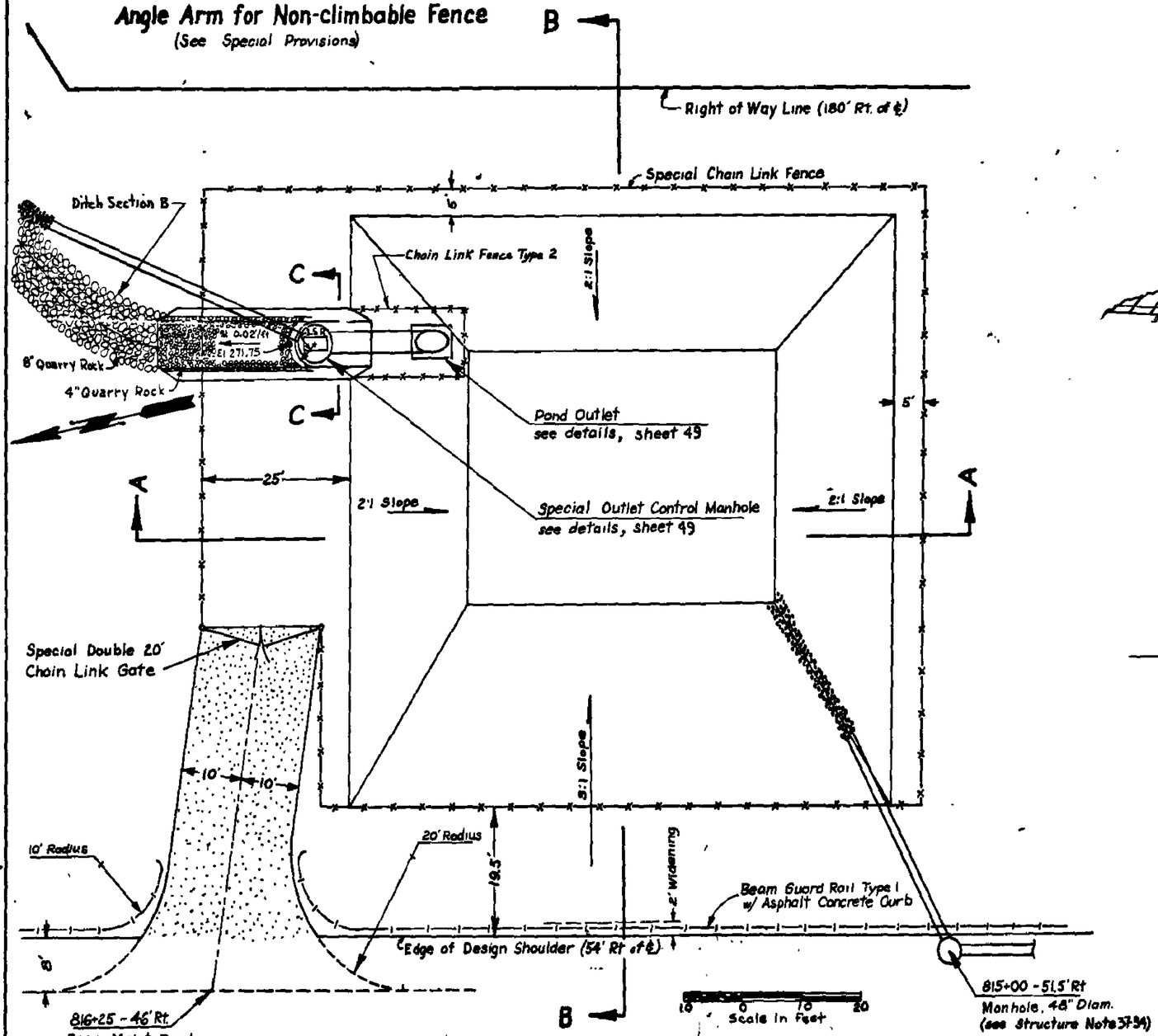
APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 49 OF 78 SHEETS

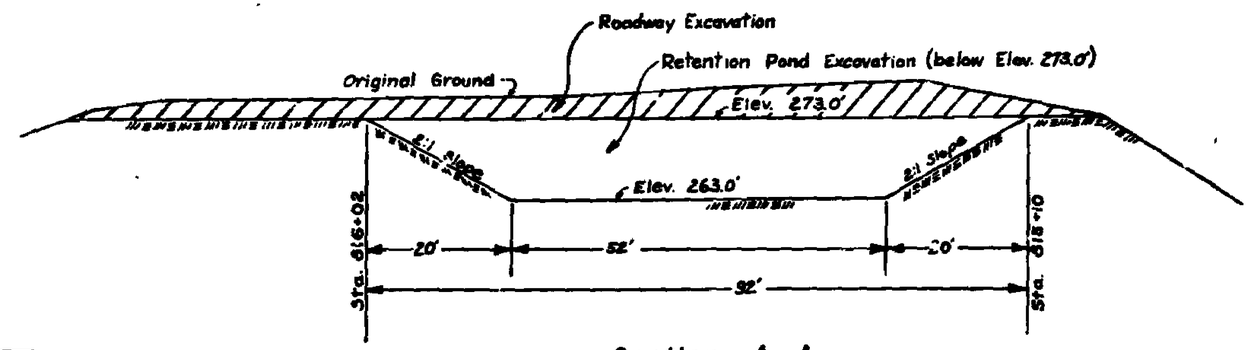
RETENTION POND OUTLET CONTROL SYSTEM DETAILS



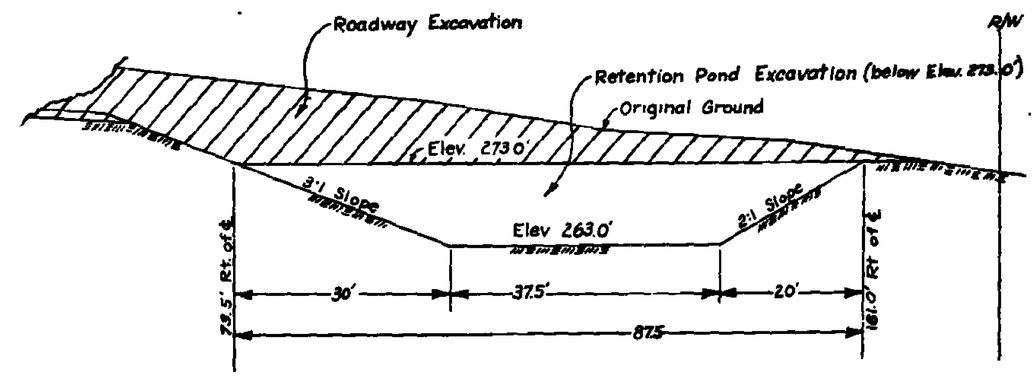
Angle Arm for Non-climbable Fence
(See Special Provisions)



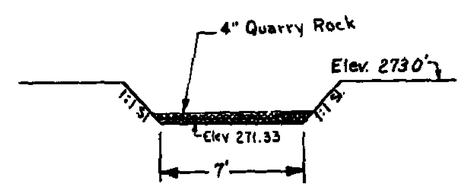
RETENTION POND PLAN VIEW



Section A-A



Section B-B



Section C-C

FOR "AS CONSTRUCTED" PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

RETENTION POND PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

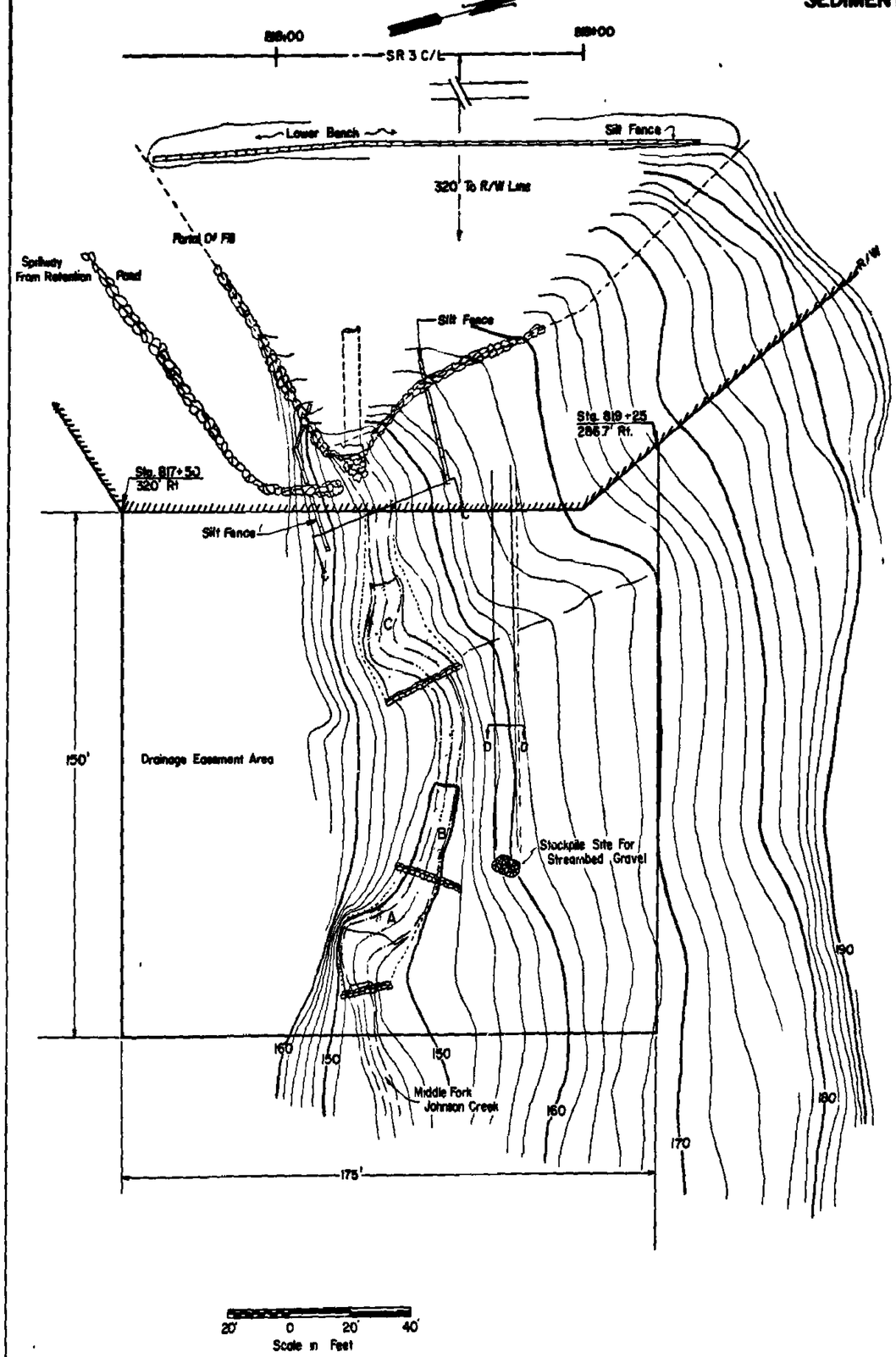
W. A. BURDY SECRETARY

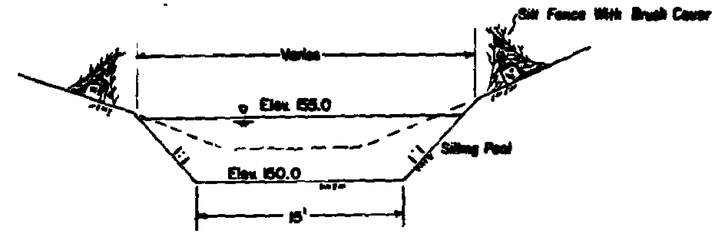
DATE	REVISION	BY
4-16-80	Deleted Type 2 From Special Chain Link Fence	R.E.

APPROVED March 21, 1980
CONTRACT NUMBER 1898 SHEET 50 OF 78 SHEETS

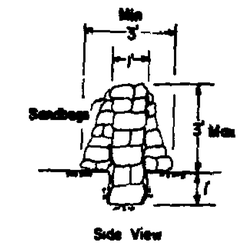
SR 3/92

SEDIMENTATION CONTROL

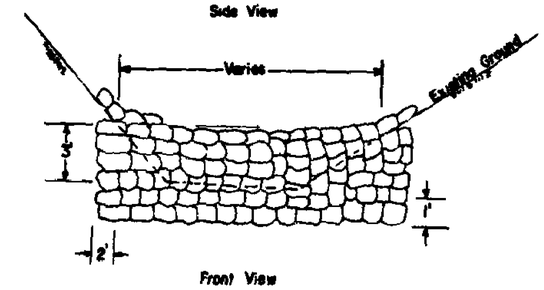




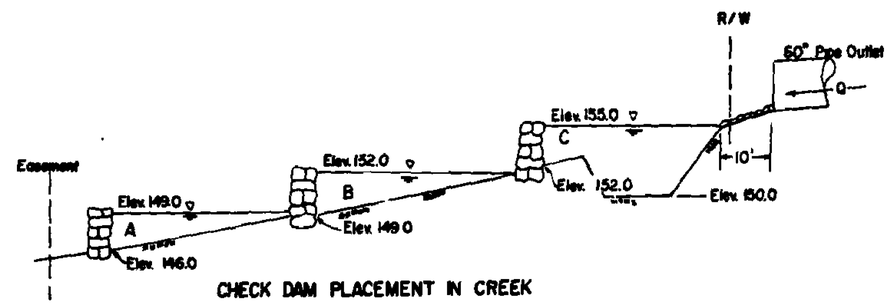
SECTION C-C TYPICAL



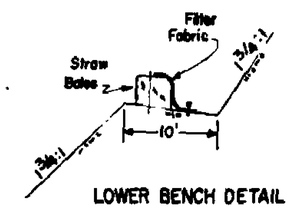
		A	B	C
Top	Elevations	149.0	152.0	155.0
Bottom	Elevations	146.0	149.0	152.0



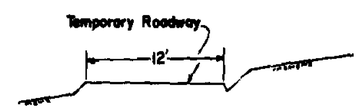
SANDBAG CHECK DAM



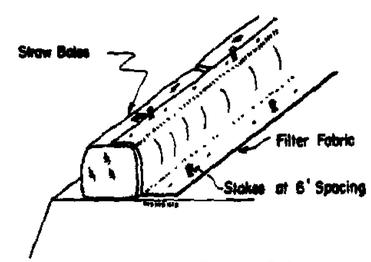
CHECK DAM PLACEMENT IN CREEK



LOWER BENCH DETAIL



SECTION D-D



SILT FENCE DETAIL—TYPICAL

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

SEDIMENTATION CONTROL SYSTEM DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

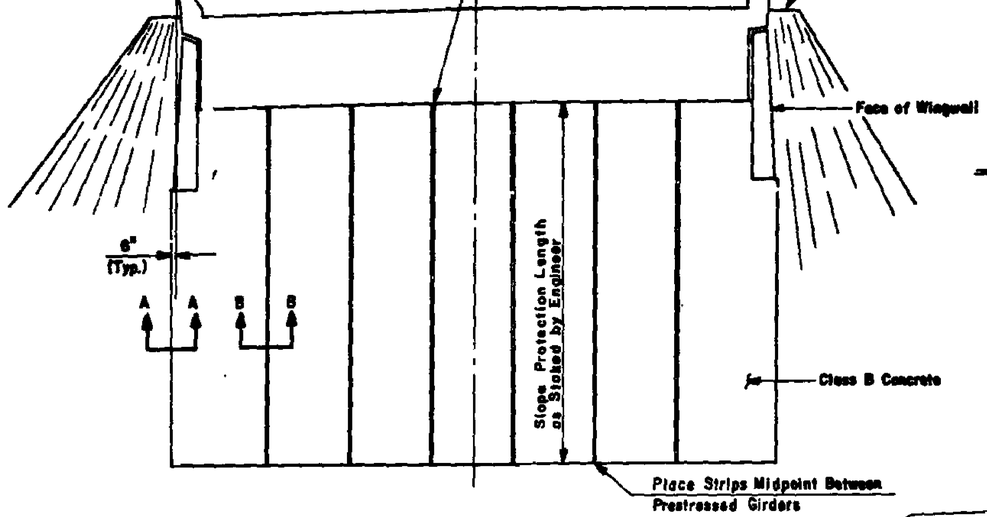
W. A. BAILEY SECRETARY

DATE	REVISION	BY
4-16-80	New Sheet	R.B.

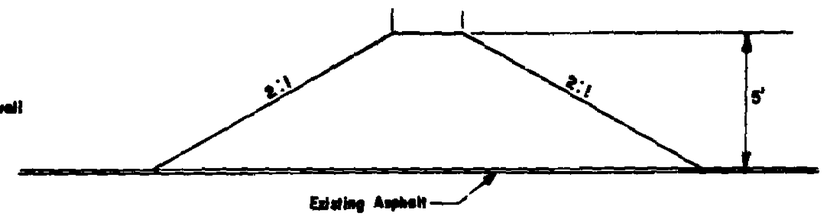
APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 51 OF 78 SHEETS

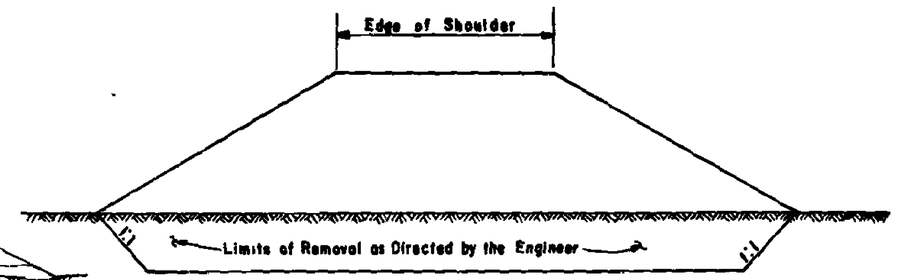
MP 49 To Jct. SR 305
Sheet 50 A



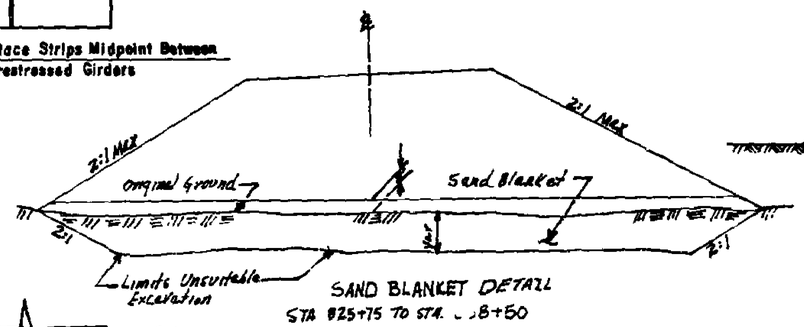
END ELEVATION
CONCRETE SLOPE PROTECTION



EARTH BARRIER DETAIL

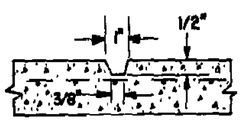


UNSUITABLE FOUNDATION EXCAVATION DETAIL

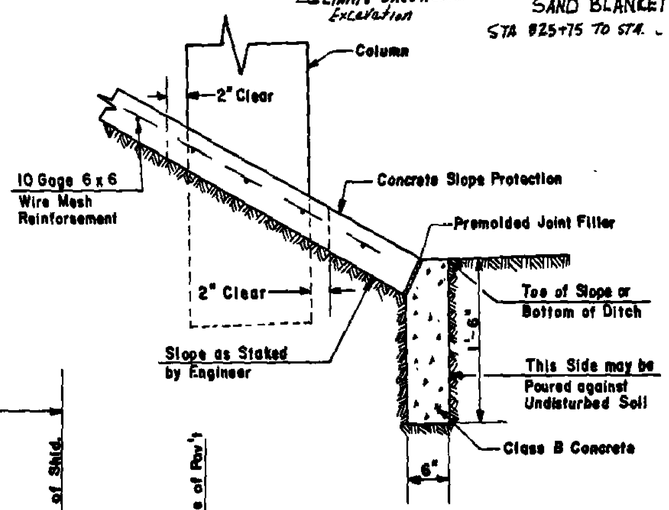


SAND BLANKET DETAIL
STA 825+75 TO STA. 828+50

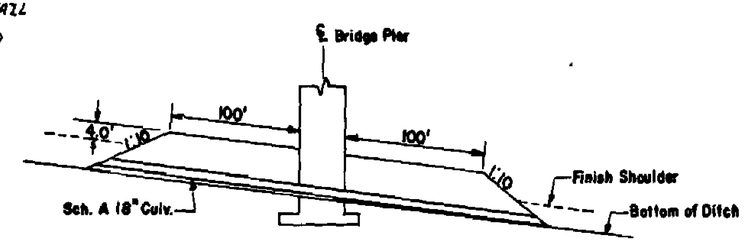
SECTION A-A



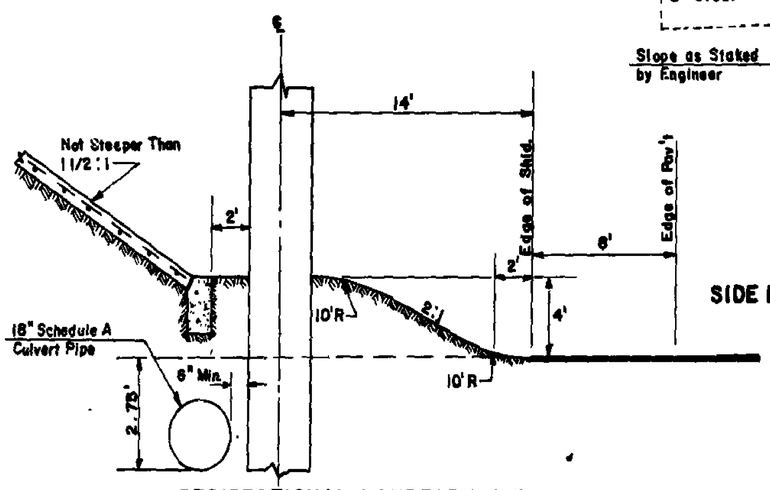
SECTION B-B



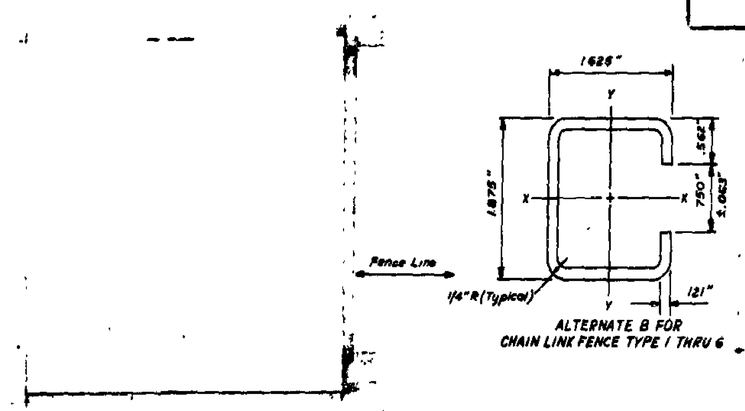
SIDE ELEVATION OF SLOPE PROTECTION



REDIRECTIONAL LANDFORM
STA. SR 3 785+00 TO STA. SR 3 788+60
STA SR 3 886+84 TO STA. SR 3 890+30



REDIRECTIONAL LANDFORM AND
CONCRETE SLOPE PROTECTION DETAIL



ALTERNATE B FOR
CHAIN LINK FENCE TYPE I THRU 6

ROLL FORMED
LINE POST
FOR CHAIN LINK FENCE
Weight Per Foot = 2.34 Lbs.

FOR "AS CONSTRUCTED PLANS" ONLY

DATE	REVISION	BY
4-16-80	Deleted Alternate A Roll Formed Line Post	R B

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

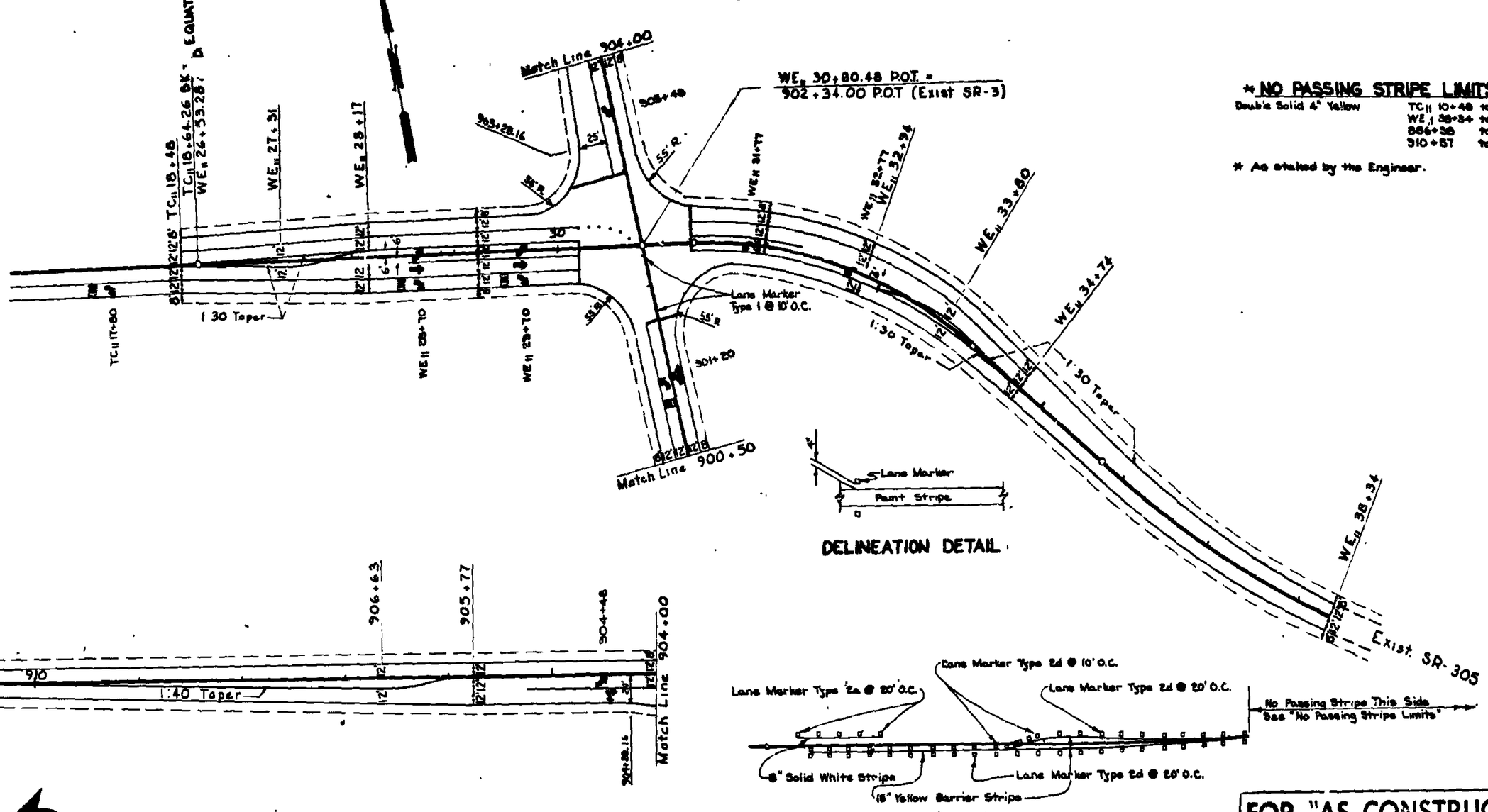
MISCELLANEOUS DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON
W. A. BURKY — SECRETARY

APPROVED March 21, 1980
CONTRACT NUMBER 1898 SHEET 52 OF 78 SHEETS

SR 3/92

L-4983
SR 3 MP 47.8 TO Jct. SR 305
Sheet 51 of 63 Sheets



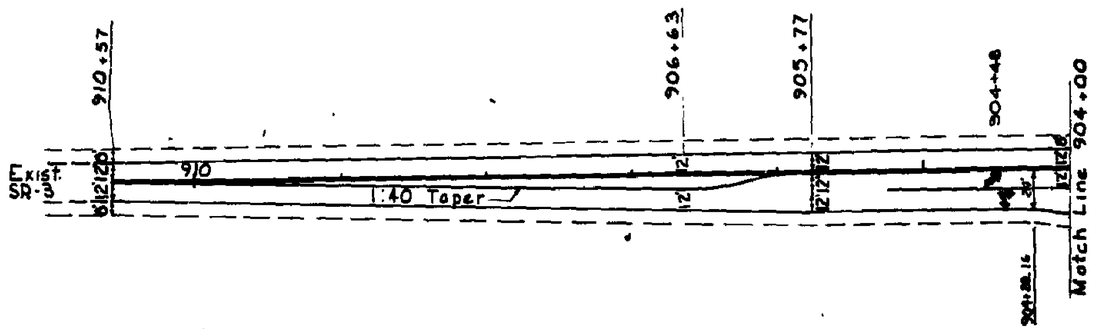
* NO PASSING STRIPE LIMITS

Double Solid 4" Yellow

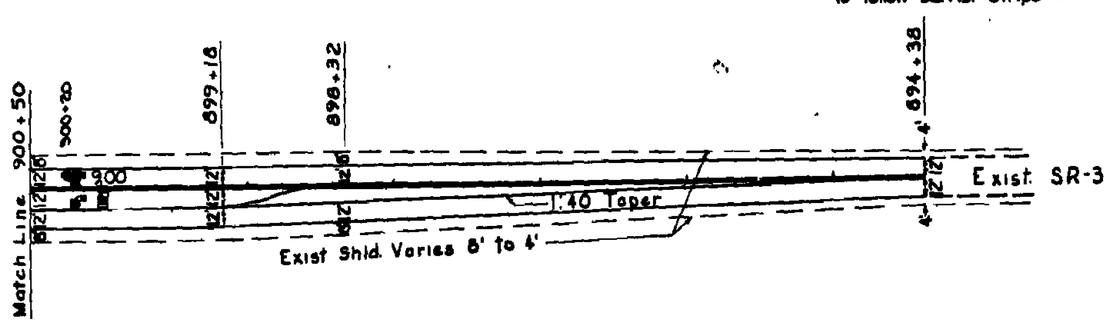
TC 10+48	to	TC 18+48
WE 28+34	to	WE 46+34
886+38	to	894+38
910+57	to	918+57

* As staked by the Engineer.

DELINEATION DETAIL



FOR "AS CONSTRUCTED PLANS" ONLY



ONLY

10'-0"

8'-0"

5'-0"

TERMINAL DETAIL
SR-3, SR-305 INTER.

Scale in Feet 50 0 50 100

DATE	REVISION	BY
4-14-80	Revised 75' R. To 55' R.	R.S.

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

TERMINAL DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BURRY — SECRETARY

CONTRACT NUMBER 1899 APPROVED March 21, 1980 SHEET 53 OF 78 SHEETS

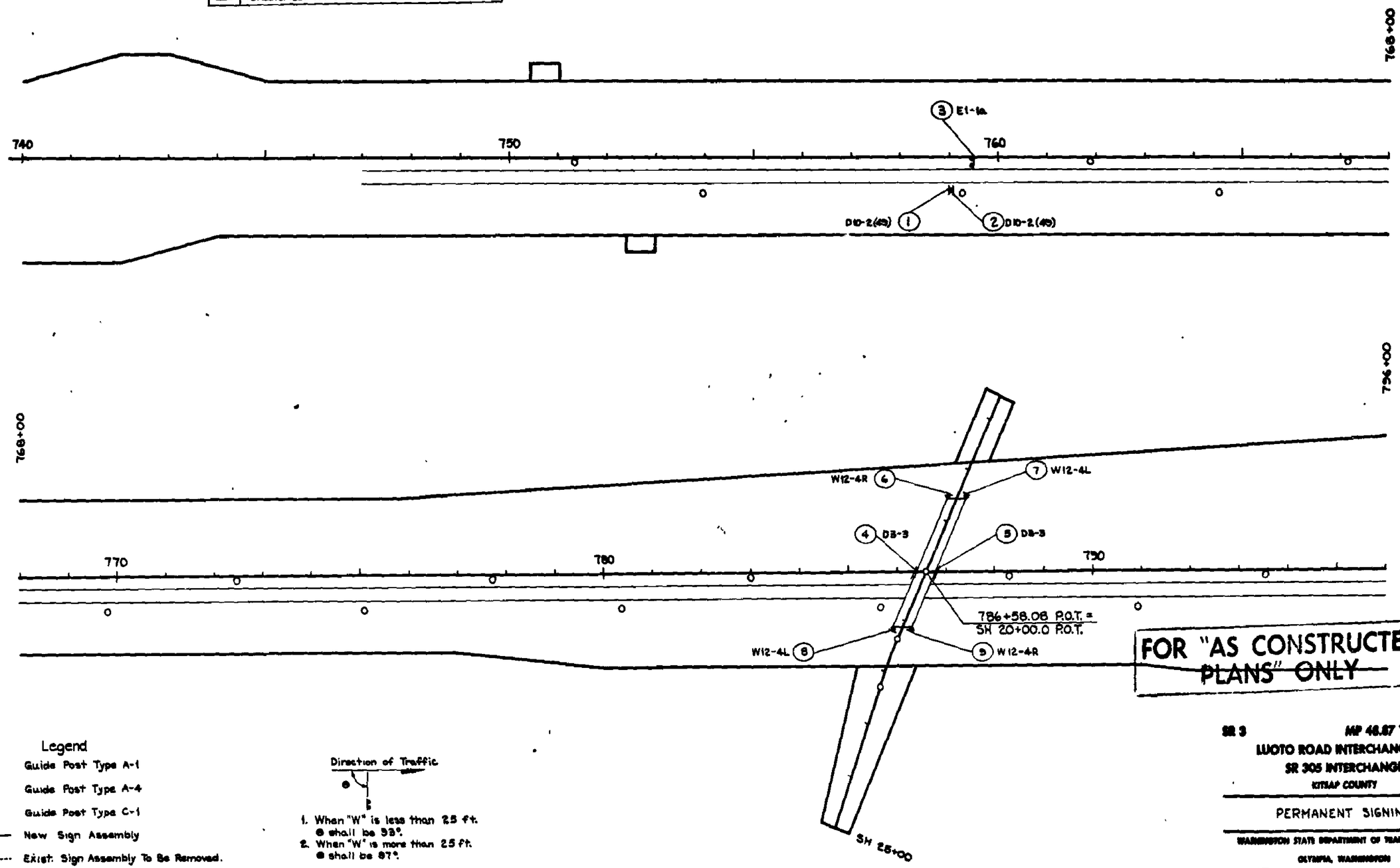
SR 3
Silverdale to Thompson Rd
MP 47 To Jct. SR 305
Sheet 52 Of 63 Sheets

L-4983

Base Bangor
EXIT 1 MILE

Code B
10" Cap.

Sign Construction Legend	
△	Green reflectorized background with silver-white reflectorized letters and borders.



FOR "AS CONSTRUCTED PLANS" ONLY

Legend

- Guide Post Type A-1
- Guide Post Type A-4
- Guide Post Type C-1
- New Sign Assembly
- Exist. Sign Assembly To Be Removed.
- (Exist. Location) Exist. Sign Assembly To Be Relocated (New Location)

Direction of Traffic

1. When "W" is less than 2.5 ft. θ shall be 93°.
2. When "W" is more than 2.5 ft. θ shall be 87°.

Sign Installation Angle
(Revised)

Scale In Feet

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

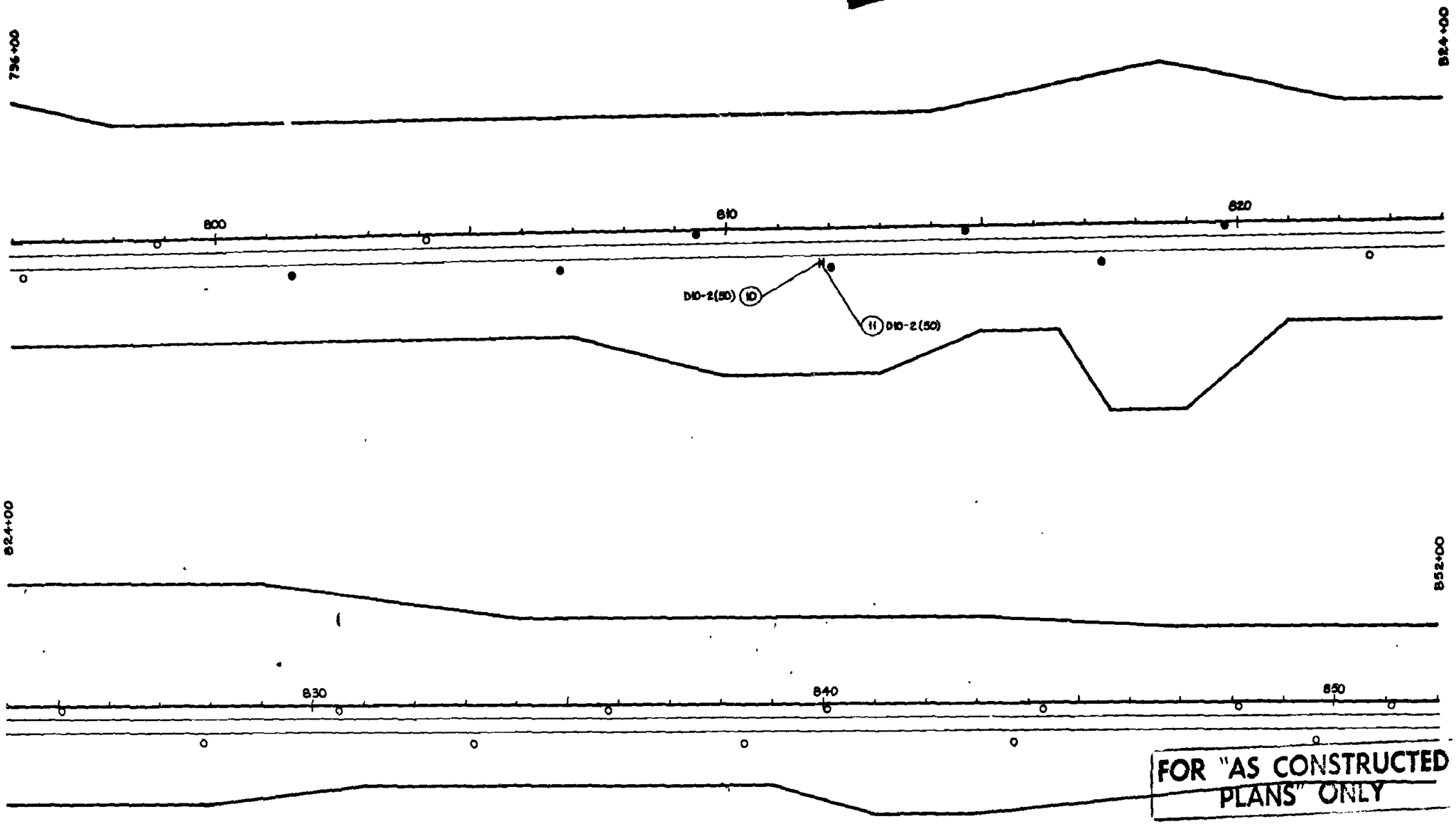
PERMANENT SIGNING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BUHLT SECRETARY

APPROVED March 21, 1980
CONTRACT NUMBER 1888 SHEET 54 OF 78 SHEETS

MP 45 to SR 305
Sheet 53 of 63 Sheets



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

PERMANENT SIGNING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BURNETT SECRETARY

APPROVED March 21, 1980

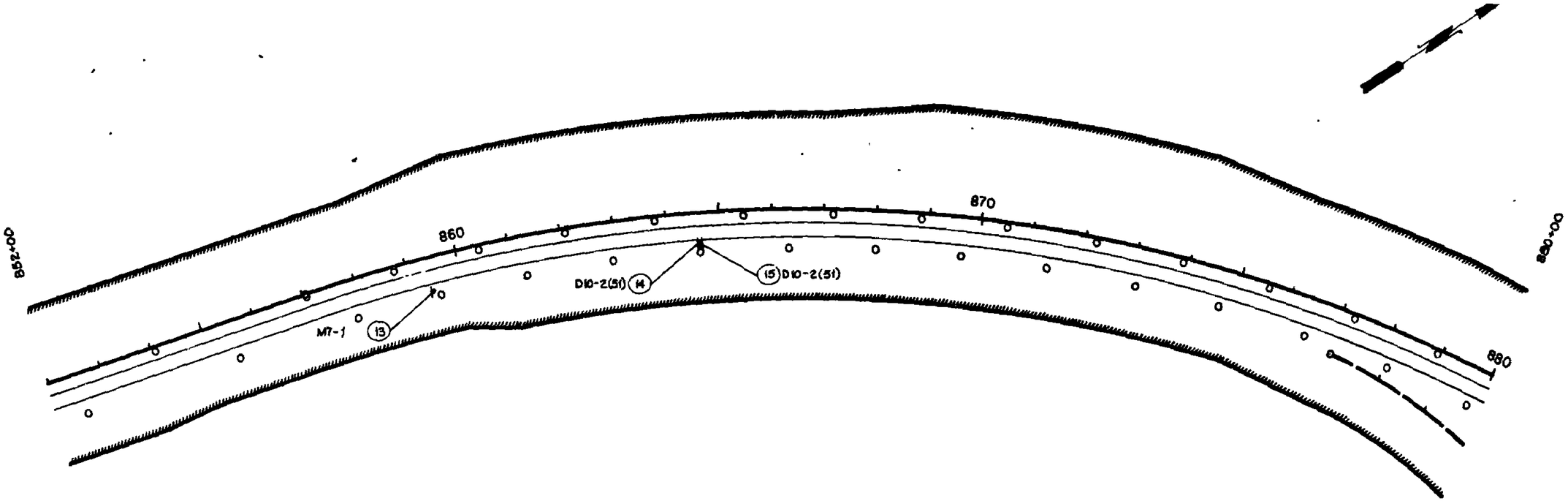
CONTRACT NUMBER 1898 SHEET 55 OF 78 SHEETS

100 0 100 200
Scale In Feet

MP 49 to SR 305

Sheet 57 of 63 Sheets

SR 3/87



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

PERMANENT SIGNING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BURNETT SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1999 SHEET 56 OF 78 SHEETS

100 0 100 200
Scale in Feet

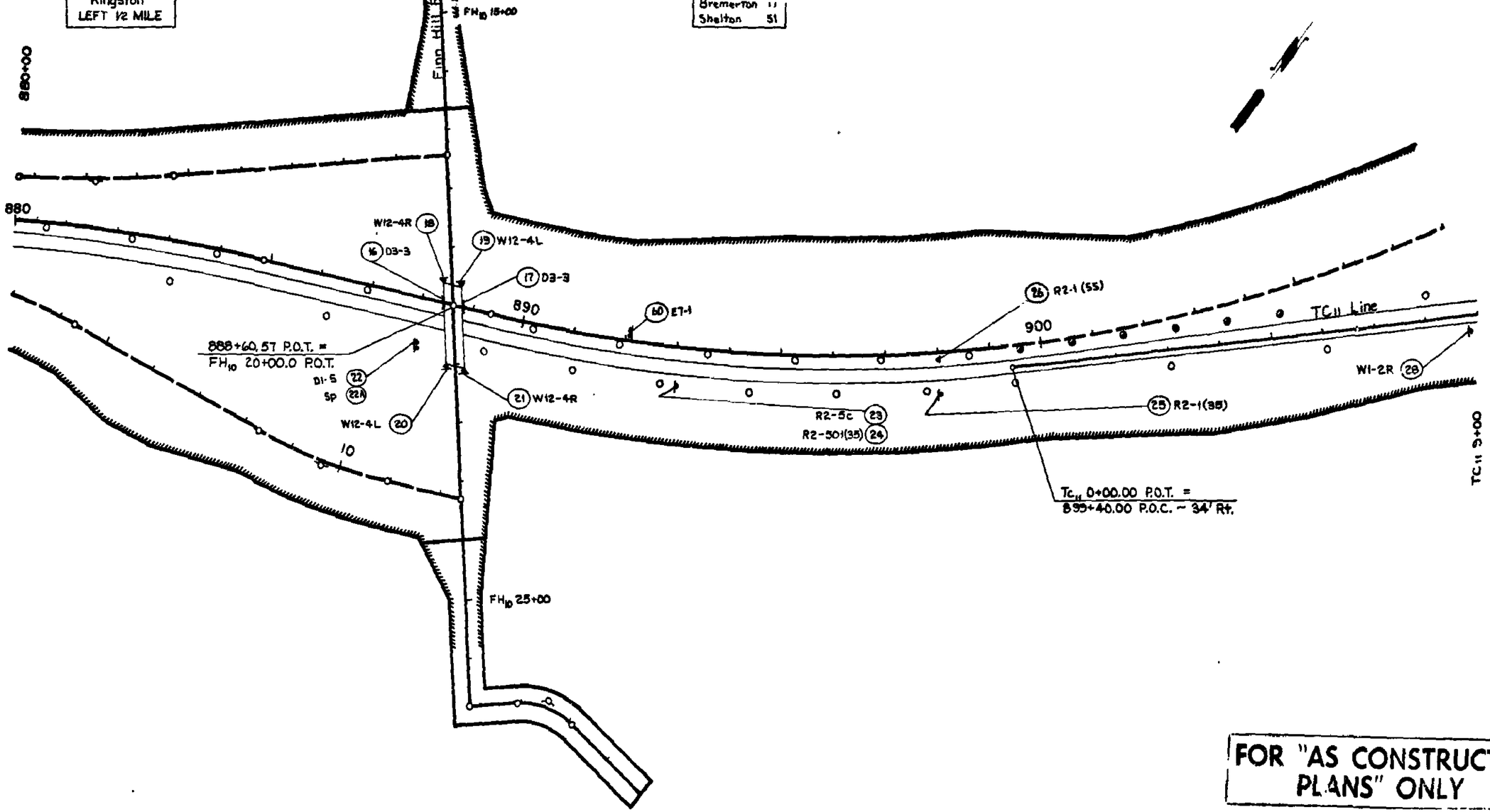
SR 3
MP 49 to SR 305

L-4983

Sheet 55 of 63 Sheets

DESIGN			
REVISED			
REVISED			
PROJ. MGR.	J.R.K.	BY	DATE
SHEET DESIG.	P. JACKSON / A.J.E. MANLALL		

SR 3/92



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

PERMANENT SIGNING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. BIXBY SECRETARY

100 0 100 200
Scale in Feet

DATE	REVISION	BY
4-16-80	Rev Signing	R.B.

APPROVED March 21, 1980

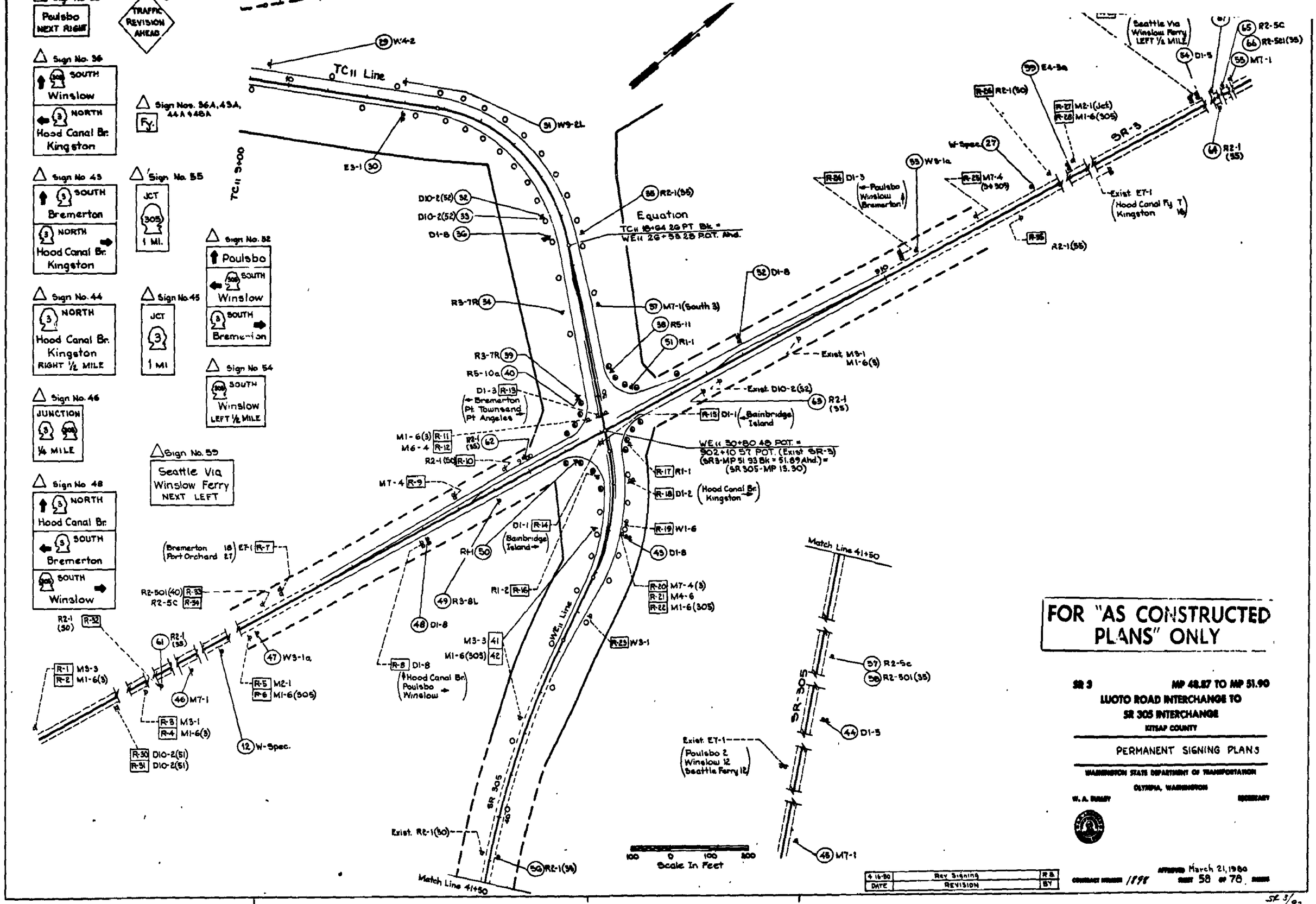
CONTRACT NUMBER 1898 SHEET 57 OF 78 SHEETS

SR 3 L-4983
MP 49 to SR 305

Sheet 56 of 63 Sheets

DESIGN	BY	DATE
DRAWN		
TRACED		
CHECKED		
ENGINEER	D. Jackson	
DIST. ENG.	A. B. Marzell	

5/92



DATE	REVISION	BY
4-16-80	Rev. Signing	R.B.

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

PERMANENT SIGNING PLANS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. DUNAY SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1898 SHEET 58 OF 78 SHEETS

SR-3 L-4983
MP 49 to SR 305
Sheet 57 of 77 Sheets

SR 3/92

SIGN NO.	SIGN CODE NUMBER	LOCATION (STATION NO.)	SIGN SIZE X	SIGN SIZE Y	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH H1	H2	H3	H4	V	W	REMARKS
1	D10-2(49)Mile Post	759+00 Rt.	10"	27"	Std.	Wood	4" x 4"	10'				4'	10'	
2	D10-2(49)Mile Post	---	10"	27"	Std.	---	---	---				4'	---	Mount back of Sign No. 1
3	E1-1a Advance Exit	759+50 Lt.	15'	9'	Code C & Code B	Wood	6" x 8"	19'	16'	13'		7'	30'	
4	D3-3 Crossroad	786+58 Lt.	5'-6"	1'	Std.	---	---	---				---	---	Mount on structure.
5	D3-3 Crossroad	---	5'-6"	1'	Std.	---	---	---				---	---	Mount on structure.
6	W12-4R Lat. Clear.	SH 18+55 Rt.	12"	36"	Std.	Wood	4" x 4"	9'				30"	8'	
7	W12-4L Lat. Clear.	SH 18+40 Lt.	12"	36"	Std.	Wood	4" x 4"	9'				30"	8'	
8	W12-4L Lat. Clear	SH 21+25 Lt.	12"	36"	Std.	Wood	4" x 4"	9'				30"	8'	
9	W12-4R Lat. Clear.	SH 21+10 Rt.	12"	36"	Std.	Wood	4" x 4"	9'				30"	8'	
10	D10-2(50)Mile Post	811+85 Rt.	10"	27"	Std.	Wood	4" x 4"	10'				4'	10'	
11	D10-2(50)Mile Post	---	10"	27"	Std.	---	---	---				4'	---	Mount back of Sign No. 10
12	W-Special	Loc. by Engineer	48"	48"	6" C	Wood	4" x 4"	13'				6'	14'	See note 4
13	M7-1 Route Mkr.	859+50 Rt.	30"	54"	Std.	Wood	4" x 6"	16'				6'	14'	
14	D10-2(51)Mile Post	864+65 Rt.	10"	27"	Std.	Wood	4" x 4"	10'				4'	10'	
15	D10-2(51)Mile Post	---	10"	27"	Std.	---	---	---				4'	---	Mount back of Sign No. 14
16	D3-3 Crossroad	888+60 Lt.	4'	1'	Std.	---	---	---				---	---	Mount on structure
17	D3-3 Crossroad	---	4'	1'	Std.	---	---	---				---	---	Mount on structure
18	W12-4R Lat. Clear.	FH11 19+50 Rt.	12"	36"	Std.	Wood	4" x 4"	9'				30"	8'	
19	W12-4L Lat. Clear.	FH11 19+60 Lt.	12"	36"	Std.	Wood	4" x 4"	9'				30"	8'	
20	W12-4L Lat. Clear.	FH10 21+10 Rt.	12"	36"	Std.	Wood	4" x 4"	9'				30"	8'	

FOR "AS CONSTRUCTED PLANS" ONLY

NOTES: 1. POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.

2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES G-11, G-12, G-13, G-14, AND G-15.

3. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

4. SIGN SHALL HAVE ORANGE REFLECTORIZED BACKGROUND WITH BLACK NON-REFLECTORIZED PAINTED LETTERS AND BORDERS.

REV. 1974

SR 3 MP 48.87 TO MP 51.39

LUCKY ROAD INTERCHANGE TO

SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

U.S. HIGHWAY

1898

March 21, 1980

GRAPHIC NUMBER Sheet 59 of 78 SHEET

MP 49 to Jct. SR 305
Sheet 58 of 63 Sheets

21	W12-4R Lat. Clear.	FH_{10} 21+15 Lt.	12"	36"	Std.	Wood	4" x 4"	9'					30"	8'	
22	D1-5 Adv.Destination	888+00 Rt.	9'	6'	Code A	Wood	6" x 6"	16'	14'				7'	30'	
22a	D Spec. Fy.	---	18"	12"	Code A	---	---	---					---	---	Overlay "Bridge" on Sign No. 22.
23	R2-5c Speed Zone	893+00 Rt.	36"	48"	Std.	Wood	4" x 6"	17'					7.5'	14	
24	R2-501 Adv. Speed	---	30"	30"	Std.	---	---						5'	---	Mount below sign #23
25	R2-1 Speed Limit	899+00 Rt.	36"	48"	Std.	Wood	4" x 6"	17'					6'	14'	
26	R2-1 Speed Limit	TC_{11} 3+75 Lt.	36"	48"	Std.	Wood	4" x 6"	16'					6'	14'	
27	W -Special	Located by Engineer	48"	48"	6" C	Wood	4" x 4"	13'					6'	14'	See note 4
28	W1-2R Curve	TC_{11} 8+75 Rt.	36"	36"	Std.	Wood	4" x 4"	13'					6'	14'	
29	W4-2L Pav't Trans.	TC_{11} 9+50 Lt.	36"	36"	Std.	Wood	4" x 4"	13'					6'	18'	
30	E3-1 Next Right	TC_{11} 13+00 Rt.	5'-6"	3'	Code A	Wood	4" x 4"	13'	12'				7'	20'	
31	W9-2L Lane Ends	TC_{11} 13+00 Lt.	36"	36"	Std.	Wood	4" x 4"	13'					6'	14'	
32	D10-2(52)Mile Post	TC_{11} 18+00 Rt.	10"	27"	Std.	Wood	4" x 4"	10'					4'	10'	
33	D10-2(52)Mile Post	---	10"	27"	Std.	---	---	---					4'	---	Mount back of Sign 32.
34	R3-7R Right Turn	WE_{11} 28+00 Rt.	48"	48"	Std.	Wood	4" x 6"	15'					6'	18'	
35	R2-1(35) Speed Limit	TC_{11} 18+50 Lt.	36"	48"	Std.	Wood	4" x 6"	14'					6'	18'	
36	D1-8 Appr. Dest.	TC_{11} 18+50 Rt.	9'	8'	Code A	Steel	WG x 8.5	16'-6"	15'-6"				7'	20'	
36a	D Special Fy.	---	18"	12"	Code A	---	---	---					---	---	Overlay "Bridge" on Sign No. 36
37	M7-1(So.3)Trailblazer	WE_{11} 28+00 Lt.	36"	48"	Std.	Wood	4" x 6"	15'					6'	18'	
38	R5-11 Mtr. Veh. Only	29+50 Lt.	48"	36"	Std.	Wood	4" x 4"	14'					6'	18'	
39	R3-7R Lane Turn	30+00 Rt.	48"	48"	Std.	Wood	4" x 6"	15'					6'	16'	
40	R5-10a Ped.Bike Prohi.	---	36"	30"	Std.	---	---	---					---	---	Mount [illegible] sign [illegible]

FOR "AS CONSTRUCTED PLANS" ONLY

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2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES G-11, G-12, G-13, G-14, AND G-15

3. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS SEE WASHINGTON STATE "SIGN FABRICATION MANUAL".

4. SIGN SHALL HAVE ORANGE REFLECTORIZED BACKGROUND WITH BLACK NON-REFLECTORIZED PAINTED LETTERS AND BORDERS.

SR 3 MP 49 To Jct. SR 305 L-4983 Sheet 59 of 63 Sheets

REV. 1974

DATE	REVISION	BY
4-16-80	Rev. Sht. At Signs 22, 23, 25 (only)	R.B.

SR 3 MP 49.87 TO MP 51.99

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

SIGN PLAN

STATE OF WASHINGTON DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

1977 March 24, 1980

60 78

NO.	NUMBER	(STATION NO.)	X	Y	OR CODE	MATERIAL	SIZE	H1	H2	H3	H4	V	W	
41	M3-3 Cardinal Dir.	WE 33+00 Rt.	24"	12"	Std.	Wood	4" x 4"	13'				6'	12'	Relocate from WE 37+75 Rt.
42	M1-6(305)Rte. Mkr.	---	24"	24"	Std.	---	---	---				---	---	Reloc. from WE 37+75 Rt. under Sign 42.
43	D1-8 Appr. Dest.	WE 33+00 Lt.	9'	8'	Code A	Steel	WG x 8.5	18'-6"	19'-3"			7'	20'	
43a	D Special Fy.	---	18"	12"	Code A	---	---	---				---	---	Overlay "Bridge" on Sign No. 43
44	D1-5 Adv. Dest.	MP 12.90Rt.-SR 305	9'	6'	Code A	Wood	6" x 8"	18'	19'			7'	30'	
44a	D Special Fy.	---	18"	12"	Code A	---	---	---				---	---	Overlay "Bridge" on Sign No. 44
45	M7-1 Jct. Mkr.	MP 12.30Rt.-SR 305	30"	54"	Code A	Wood	4" x 6"	15'				6'	14'	
46	M7-1 Jct. Mkr.	MP 51.68Rt.Ex.SR 3	5'	5'	Code A	Wood	4" x 6"	15'	16'			6'	14'	
47	W3-1a Stop Ahead	892+25Rt.Ex.SR 3	48"	48"	Std.	Wood	4" x 6"	15'				6'	10'	
48	D1-8 Appr. Direct.	897+00Rt.Ex.SR 3	9'	10'-6"	Code A	Steel	WG x 8.5	20'-0"	19'-3"			7'	20'	
48a	D Special Fy.	---	18"	12"	Code A	---	---	---				---	---	Overlay "Bridge" on Sign No. 48
49	R3-8L Lane Use	899+00Rt.Ex.SR 3	30"	30"	Std.	Wood	4" x 4"	14'				6'	16'	
50	R1-1 Stop	901+25Rt.Ex.SR 3	48"	48"	Std.	Wood	4" x 6"	16'				6'	13'	
51	R1-1 Stop	903+00 Lt.	48"	48"	Std.	Wood	4" x 6"	15'				6'	15'	
52	D1-8 Appr. Direct.	906+00 Lt.	7'	9'	Code A	Steel	WG x 8.5	14'-9"	14'-0"			7'	20'	
53	W3-1a Stop Ahead	911+00 Lt.	48"	48"	Std.	Wood	4" x 6"	15'				6'	14'	
54	D1-5 Adv. Dest.	MP 52.38 Lt.	6'	4'-6"	Code A	Wood	4" x 6"	15'	14'			7'	15'	
55	M7-1 Jct. Mkr.	MP 52.90 Lt.	30"	54"	Code A	Wood	4" x 6"	15'				6'	14'	
56	R2-1 Speed Limit	MP 13.12Rt.-SR 305	36"	48"	Std.	Wood	4" x 6"	15'				6'	14'	
57	R2-5c Speed Zone	MP 13.02Rt.-SR 305	36"	48"	Std.	Wood	4" x 6"	17'				[illegible]	14'	
58	R2-501 Adv. Speed	---	30"	30"	Std.	---	---	---				5'	---	Mount below Sign #57
59	E4-3a Next Left	MP 52.15 Lt.	9'	4'	Code A	Wood	4" x 6"	16'	17'			7'	[illegible]	

FOR "AS CONSTRUCTED" PLANS ONLY

NOTES: POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.

FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES G-11, G-12, G-13, G-14, AND G-15

FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS SEE WASHINGTON STATE 'SIGN FABRICATION MANUAL'.

REV. 1974

SR 3 MP 49 To Jct. SR 305
Sheet 60 of 63 Sheets
L-4983

SR 3 MP 48.87 TO MP 51.99
LUDTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

1979 March 21, 1980

61 of 70

60	E7-1 Mileage Sign	892+00	9'	5'	Code A	Wood	6" X 6"	12'				7'	30'	
61	R2-1(35)Speed Limit	882+05 Rt.-Ex.SR3	36"	48"	Std.	Wood	4" X 4"	14'				6'	14'	
62	R2-1(35)Speed Limit	900+00 Lt.-Ex.SR3	36"	48"	Std.	Wood	4" X 4"	14'				6'	14'	
63	R2-1(35)Speed Limit	904+80 Rt.-Ex.SR3	36"	48"	Std.	Wood	4" X 4"	14'				6'	14'	
64	R2-1(55)Speed Limit	933+25 Rt.-Ex.SR3	36"	48"	Std.	Wood	4" X 4"	14'				6'	14'	
65	R2-5C Speed Zone	938+50 Lt.-Ex.SR3	36"	48"	Std.	Wood	4" X 6"	17'				7.5'	14'	
66	R2-501(35)Adv.Speed	- - -	30"	30"	Std.	- - -	- - -	- - -				5'	- - -	Mount below Sign No. 65
67	R2-1(35)Speed Limit	933+25 Lt.-Ex.SR3	36"	48"	Std.	Wood	4" X 4"	14'				6'	14'	

FOR "AS CONSTRUCTED PLANS" ONLY

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FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES G-11, G-12, G-13, G-14, AND G-15
FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS SEE WASHINGTON STATE 'SIGN FABRICATION MANUAL'.

4-16-80	New Sheet	R.B.
DATE	REVISION	BY

REV. 1974

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BRALEY SECRETARY

1998

March 21, 1980

62 78

SIGN NO.	SIGN TYPE (DESCRIPTION)	LOCATION (STATION NO.)	SIGN SIZE X	SIGN SIZE Y	POST MATERIAL	POST SIZE	REMARKS
R-1	M3-3 Cardinal Dir. Marker	853+00 Lt.MP 51.00	24"	12"	Wood	4" x 4"	
R-2	M1-6(3) State Route Marker	---	24"	24"	---	---	Below R-1
R-3	M3-1 Cardinal Dir. Marker	869+35 Rt.MP 51.31	24"	12"	Wood	4" x 4"	
R-4	M1-6(3) State Route Marker	---	24"	24"	---	---	Below R-3
R-5	M2-1 Jct. Marker	892+05 Rt.MP 51.74	21"	15"	Wood	4" x 4"	
R-6	M1-6(305) State Route Marker	---	24"	24"	---	---	Below R-5
R-7	E7-1 Mileage Sign	893+10 Lt.MP 51.76	9'-6"	3'	Wood	4" x 4"	2 Posts
R-8	D1-8 Approach Directional	896+80 Rt.	9'	8'	Wood	4" x 4"	2 Posts
R-9	M7-4 Rte. Marker Assembly	898+00 Lt.	60"	60"	Wood	4" x 4"	2 Posts
R-10	R2-1(50) Speed Limit	899+50 Lt.	36"	48"	Wood	4" x 4"	
R-11	M1-6(3) State Route Marker	901+80 Lt.	24"	24"	Wood	4" x 4"	
R-12	M6-4 Double Arrow	---	21"	15"	---	---	Below R-11
R-13	D1-3 Destination	902+10 Lt.	10'	4'	Wood	4" x 4"	2 Posts
R-14	D1-1 Destination	901+90 Rt.	6'	1'	Wood	4" x 4"	
R-15	D1-1 Destination	---	6'	1'	---	---	Behind R-14
R-16	D1-2 Yield	WE_{11} 31+75 Rt.	36"	36"	Wood	4" x 4"	
R-17	R1-1 Stop	WE_{11} 31+15 Lt.	30"	30"	Wood	4" x 4"	
R-18	D1-2 Destination	WE_{11} 31+90 Lt.	8'	4'	Wood	4" x 4"	2 Posts
R-19	W1-6 Large Arrow	WE_{11} 32+75 Lt.	48"	24"	Wood	4" x 4"	
R-20	M7-4(3) Rte. Marker Assembly	WE_{11} 33+00 Lt.	5'	5'	Wood	4" x 4"	
R-21	M4-6 End	---	24"	12"	---	---	Below R-20
R-22	M1-6(305) State Rte. Marker	---	24"	24"	---	---	Below R-21
R-23	W3-1 Stop Ahead	WE_{11} 34+90 Lt.	36"	36"	Wood	4" x 4"	
R-24	D1-3 Destination	910+35 Lt.	10'-6"	6'	Wood	4" x 4"	3 Posts
R-25	M7-4(3&305)Rte. Marker Assmbly	912+65 Lt.	5'	5'	Wood	4" x 4"	2 Posts
R-26	R2-1(50) Speed Limit	914+75 Lt.-MP52.13	36"	48"	Wood	4" x 4"	
R-27	M2-1 Jct. Marker	916+35 Lt-MP 52.16	12"	15"	Wood	4" x 4"	
R-28	M1-6(305) State Rte. Marker	---	24"	24"	---	---	Below R-27
R-29	D1-4 Advance Destination	927+80 Lt-MP 52.38	9"	4'	Wood		2 Posts
R-30	D10-2(51) Mile Post	855+10 Rt-MP 51.04	10"	27"	Wood	4" x 4"	
R-31	D10-2(51) Mile Post	---	10"	27"	---	---	Behind R-30
R-32	R2-1(50) Speed Limit	882+05 Rt-MP 51.55	36"	48"	Wood	4" x 4"	
R-33	R2-501 (40) Speed Advisory	895+10 Lt.-MP 51.72	30"	30"	Wood	4" x 4"	
R-34	R2-5C Speed Zone		36"	48"	---	---	Above R-33
R-35	R2-1(55) Speed Limit	913+60 Rt.-MP 52.11	36"	48"	Wood	4" x 4"	

FOR "AS CONSTRUCTED PLANS" ONLY

NOTES:

1. STATION LOCATIONS AND POST SIZES SHOWN ARE APPROXIMATE ONLY.

SR 3 MP 48.87 TO MP 51.98

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

DATE	REVISION	BY
4-16-80	Added New Signs R-32 Thru R-35	RB

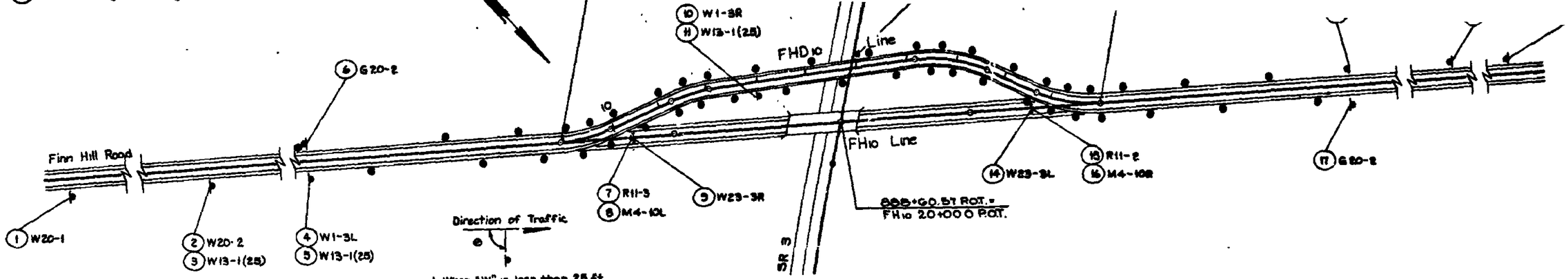
1898

CONTRACT NUMBER

APPROVED March 21, 1980

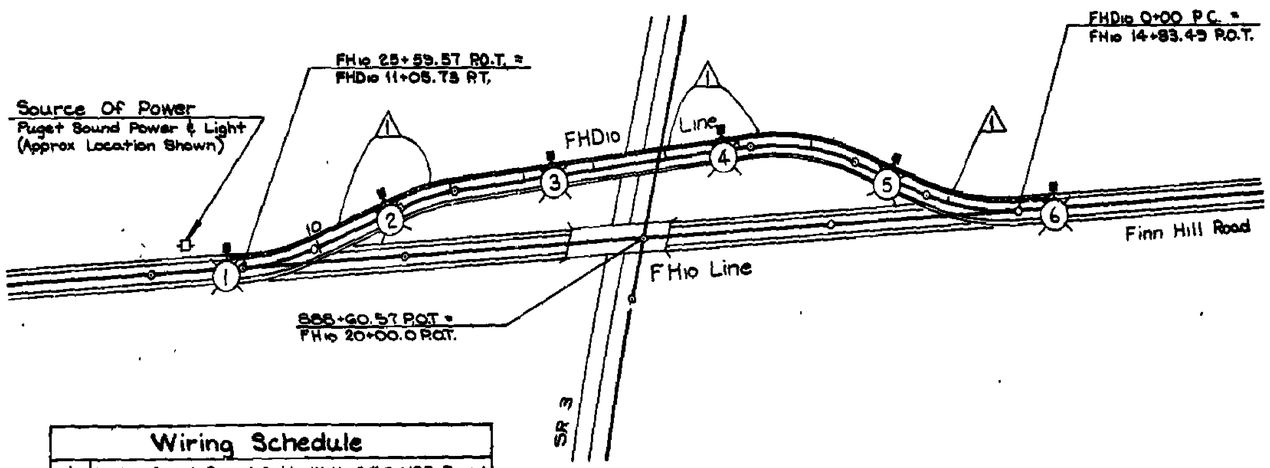
SHEET 63 OF 78 SHEETS

MP 49 To Jct. SR 305 Sheet 61 of 63 Sheets



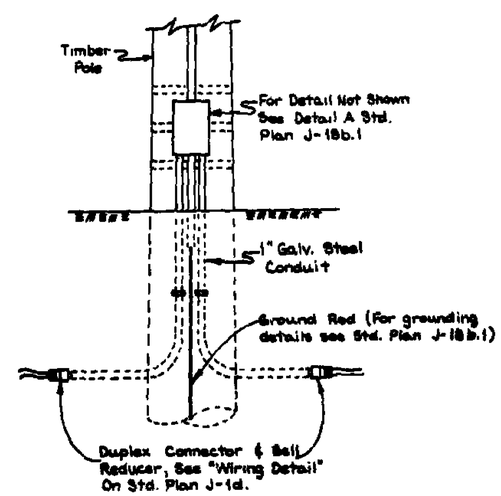
Legend

- New Luminaire & Mast Arm On Timber Pole
- Direct Burial Cable
- See Wiring Schedule



Wiring Schedule	
⚠	Install Direct Burial Cable With 2 #8 USE Taped Together Not Less Than 10' Spaces.

FINN HILL ROAD DETOUR
SIGNING AND ILLUMINATION DETAILS



Timber Pole Base Detail

100 0 100 200
Scale In Feet

FOR "AS CONSTRUCTED PLANS" ONLY

Lighting Schedule				
Ltg. Std No.	Ltg. Std Station	Mounting Height	℄ of Pole to Pavt Edge	Mast Arm Length
1	FH10 25+78	35'	16'	16'
2	FHD10 8+10	35'	16'	16'
3	FHD10 6+55	35'	16'	16'
4	FHD10 4+20	35'	16'	16'
5	FHD10 1+85	35'	16'	16'
6	FH10 14+35	35'	16'	16'

NOTES:
1 All Luminaires Shall Be 250 Watt High Pressure Sodium With Type II Medium Semi Cutoff Light Distribution.

SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

FINN HILL ROAD DETOUR
SIGNING AND ILLUMINATION PLAN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BURLY — SECRETARY

APPROVED March 21, 1980
CONTRACT NUMBER 1898 SHEET 64 OF 78 SHEETS

SR 3/92

SR 3
MP 49 to SR 305
Sheet 62 to 63 Sheets
L-4983

1	W20-1 Rd. Const.	1500' So.of Detour	48"	48"	Std.	Wood	4" x 4"	15'							
2	W20-2 Detour Ahead	1000' So.of Detour	48"	48"	Std.	Wood	4" x 4"	15'					6'	12'	
3	W13-1(25) Adv. Sp.	---	24"	24"	See Note 4	---	---	---					4'	---	Mount below Sign #2
4	W1-3L Rev. Turn	500' So.of Detour	36"	36"	See Note 4	Wood	4" x 4"	14'					6'	12'	
5	W13-1(25) Adv. Sp.	---	24"	24"	See Note 4	---	---	---					4'	---	Mount below Sign #4
6	G20-2 End Const.	500' So.of Detour	60"	24"	Std.	Wood	4" x 4"	12'					5'	12'	
7	R11-2 Rd. Closed	---	48"	30"	Std.	---	---	---					5,6'	---	Mount on barricade
8	M4-10L Detour	---	48"	18"	Std.	---	---	---					4'	---	Mount below Sign #7
9	W23-3R Barricade	Located by Engr.	12'	5'	Std.	---	---	---					---	---	Frame shall be skid type
10	W1-3R Rev. Turn	FHD10 7+00 Lt.	36"	36"	See Note 4	Wood	4" x 4"	14'					6'	10'	
11	W13-1(25) Adv. Sp.	---	24"	24"	See Note 4	---	---	---					4'	---	Mount below Sign #10
12	W1-3L Rev. Turn	FHD10 5+00 Rt.	36"	36"	See Note 4	Wood	4" x 4"	14'					6'	10'	
13	W13-1(25) Adv. Sp.	---	24"	24"	See Note 4	---	---	---					4'	---	Mount below Sign #12
14	W23-3L Barricade	Located by Engr.	12'	5'	Std.	---	---	---					---	---	Frame shall be skid type
15	R11-2 Rd. Closed	---	48"	30"	Std.	---	---	---					5,6'	---	Mount on barricade
16	M4-10R Detour	---	48"	18"	Std.	---	---	---					4'	---	Mount below Sign #15
17	G20-2 End Const.	500' No.of Detour	60"	24"	Std.	Wood	4" x 4"	12'					5'	12'	
18	W1-3R Rev. Turn	500' No.of Detour	36"	36"	See Note 4	Wood	4" x 4"	14'					6'	12'	
19	W13-1(25) Adv. Sp.	---	24"	24"	See Note 4	---	---	---					4'	---	Mount below Sign #18
20	W20-2 Detour Ahead	1000' No.of Detour	48"	48"	Std.	Wood	4" x 4"	15'					6'	12'	
21	W13-1(25) Adv. Sp.	---	24"	24"	See Note 4	---	---	---					4'	---	Mount below Sign #20
22	W20-1 Rd. Const.	1500' No.of Detour	48"	48"	Std.	Wood	4" x 4"	15'					5'	12'	

NOTES: 1. POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.

2. FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES G-11, G-12, G-13, G-14, AND G-19

3. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS SEE WASHINGTON STATE 'SIGN FABRICATION MANUAL'.

4. STD. EXCEPT SIGN SHALL HAVE ORANGE REFLECTORIZED BACKGROUND WITH BLACK NON-REFLECTORIZED PAINTED LETTERS AND BORDERS.

SR 4 MP 45.37 TO MP 51.90
MOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

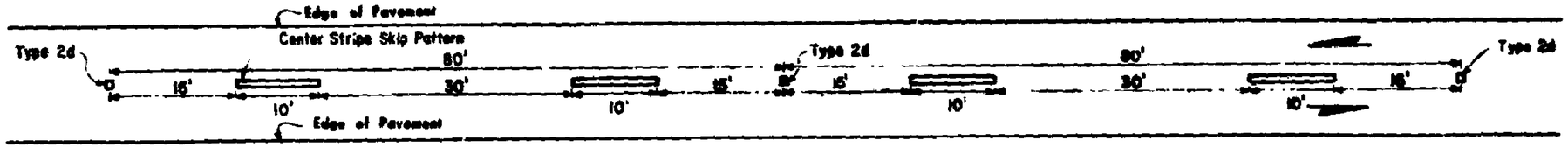
FOR "AS CONSTRUCTED PLANS" ONLY

March 21, 1978

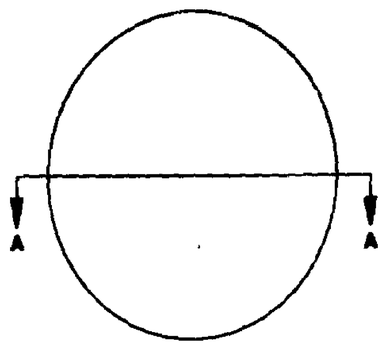
REV. 1974

SR 3 C-4983
MP 49 To Jct. SR 305
Sheet 63 of 63 Sheets

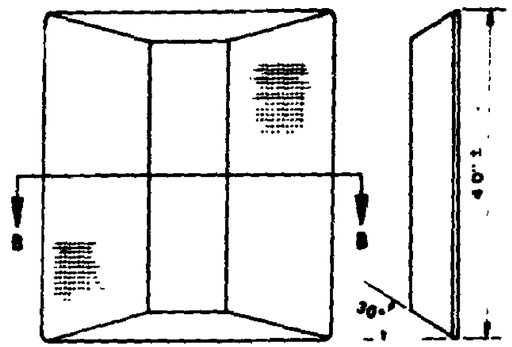
SPACING FOR MULTILANE ONE WAY TRAFFIC



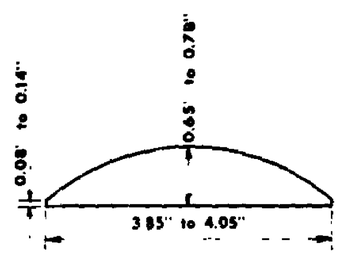
SPACING FOR TWO LANE TWO WAY TRAFFIC



PLAN

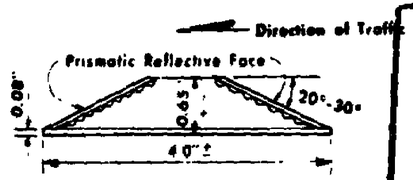


PLAN



SECTION A-A

TYPE 1

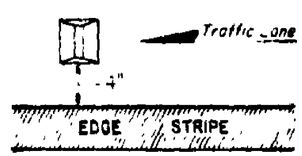


SECTION B-B

TYPE 2

See Table

PRISMATIC REFLECTIVE FACE COLORS	
Type 2a	white and red
Type 2c	yellow and red
Type 2d	yellow and yellow
Type 2e	white – one side only
Type 2f	yellow – one side only



EDGE OF PAVEMENT PLACEMENT
(SEE NOTE 6)

NOTES:

1. For lane lines on multi-lane highways and center lines on two-lane highways, type 2 lane markers shall be spaced at 80-foot intervals on tangents and 40-foot intervals on horizontal curves having radii of less than 5,000 feet.

2. On multi-lane highways, each line segment to be simulated by lane markers through the length of curves stipulated in (1) above consists of one type 2 lane marker and four type 1 lane markers.

3. On two-lane highways with two-way traffic the normal spacing of type 2d, center-line lane markers, is 80-feet on center. The type 2d lane markers are to be centered between every other "skip" stripe.

4. Types 2a and 2c lane markers are installed for the first 1,000 feet in advance of off-ramp exits on freeways or grade intersections on multi-lane highways.

5. On freeway off-ramps, type 2e lane markers are installed as specified on the contract plans or by the engineer.

6. [illegible] multi-lane highways, type 2e [illegible] inside edge of pavement with specified [illegible] as shown [illegible] These markers are located on the traffic [illegible] 4 [illegible] inside edge [illegible]

FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

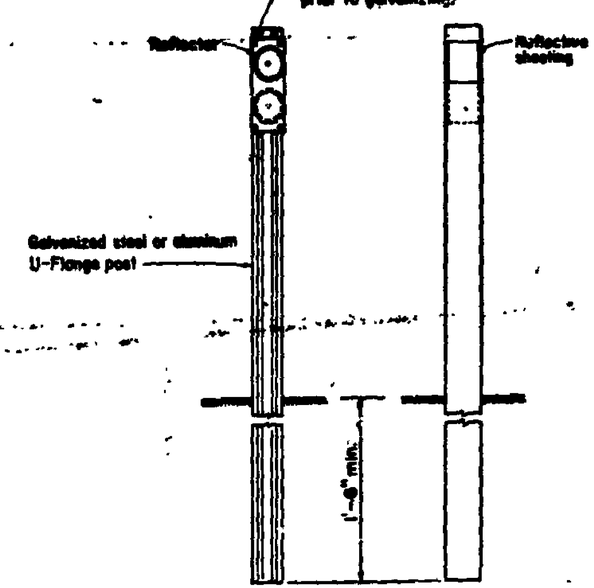
W. A. BULLEY SECRETARY

1898
CONTRACT NUMBER

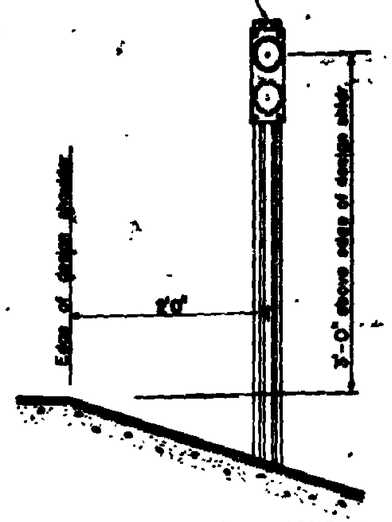
APPROVED March 21, 1980

SHEET 66 OF 78 SHEETS

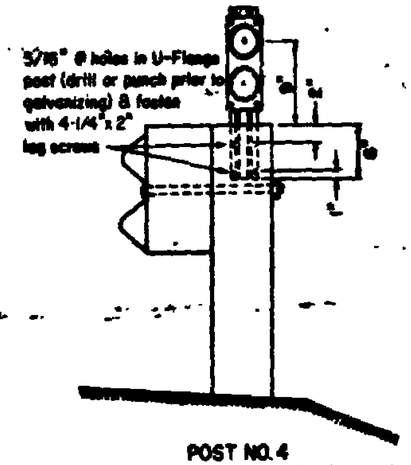
SL 3/92



POST NO. 1 POST NO. 3 (flexible)



TYPICAL GUIDE POST PLACEMENT



POST NO. 4
(Use only with wood guard rail posts.)

D	Two Amber	—	Yellow	—
E	—	—	Red	White

NOTES

The delineator color of the reflectors shall, in all cases, conform to the "white on right and yellow on left" color requirements for pavement striping of edge lines of roadways.

Contract plans will specify combination of reflectors and post assembly, e.g., A-1, C-3, etc. The contract plans shall specify use of guide posts with red reflective sheeting on the back by the use of a second letter, e.g., AE-1, CE-1, etc. Reflective sheeting on back of guide posts shall be 3" x 8".

Reflective sheeting shall be in conformance with section 9-28.8 of the standard specifications.

Guide posts shall be placed 2' from edge of design shoulder unless otherwise specified. If guardrail is present, the guide posts shall be placed in line with the guardrail.

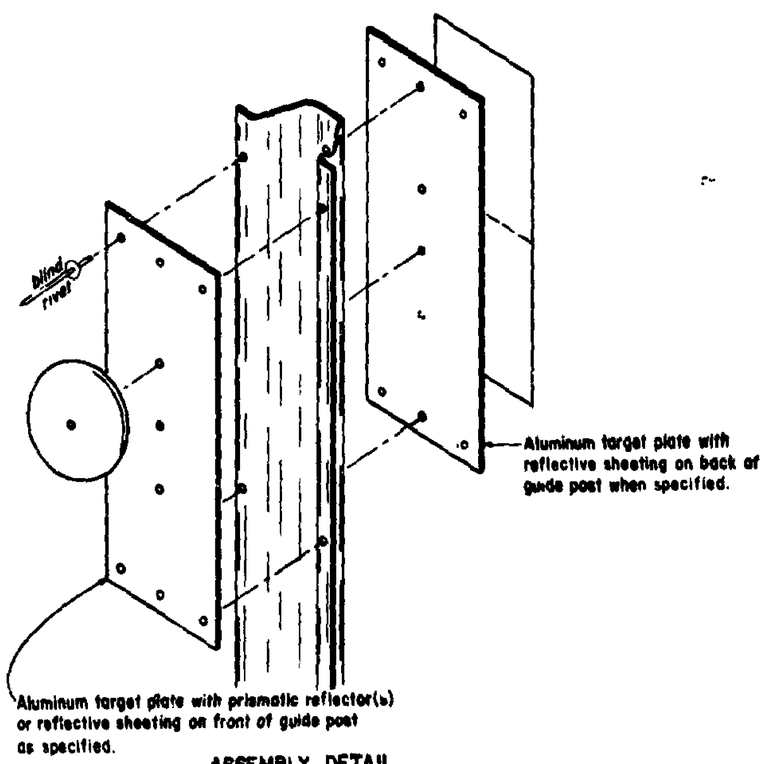
Reflectors shall consist of 3-inch round reflector elements provided with a single grommetted mounting hole. At the contractor's option, reflective sheeting 3" x 4" in lieu of single reflectors and 3" x 8" for double reflectors may be used on rigid guide posts. Reflective sheeting shall be used on flexible guide posts and shall be placed on a 3 1/2" x 9" target plate or applied directly to the face of a flexible guide post in conformance with section 9-17.1 of the standard specifications.

All posts shall be in conformance with section 9-17.1 of the standard specifications.

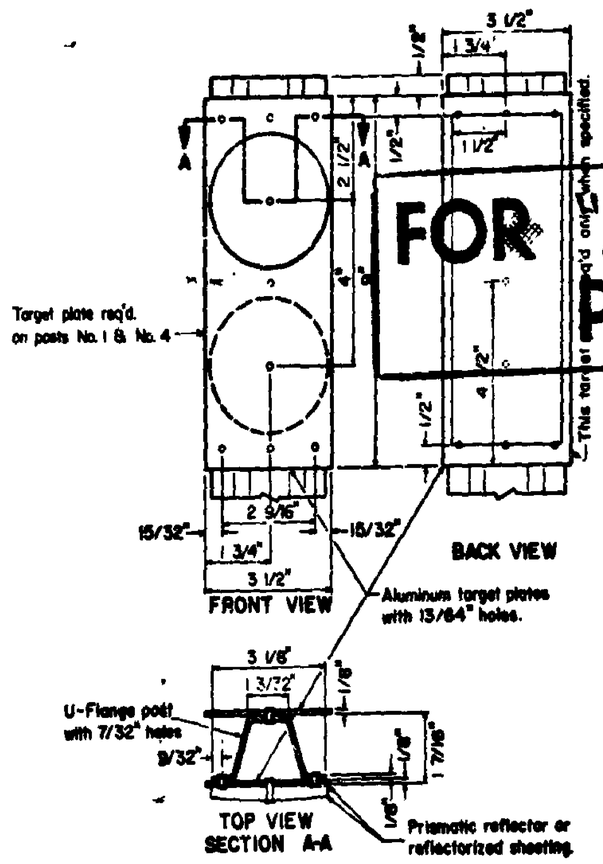
Installation of posts:

A. Post No. 1 may be set and tamped in drilled holes or they may be driven using [illegible] equipment [illegible] approved by the [illegible] will be rejected and replaced at the contractor's expense. [illegible] flexible [illegible] be installed in conformance with section 8-10.3 of the standard specifications.

Guide [illegible] prismatic units [illegible] with 3/16" diameter [illegible]



ASSEMBLY DETAIL



FOR "AS CONSTRUCTED PLANS" ONLY

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

OLYMPIA, WASHINGTON

W. A. DUALY SECRETARY

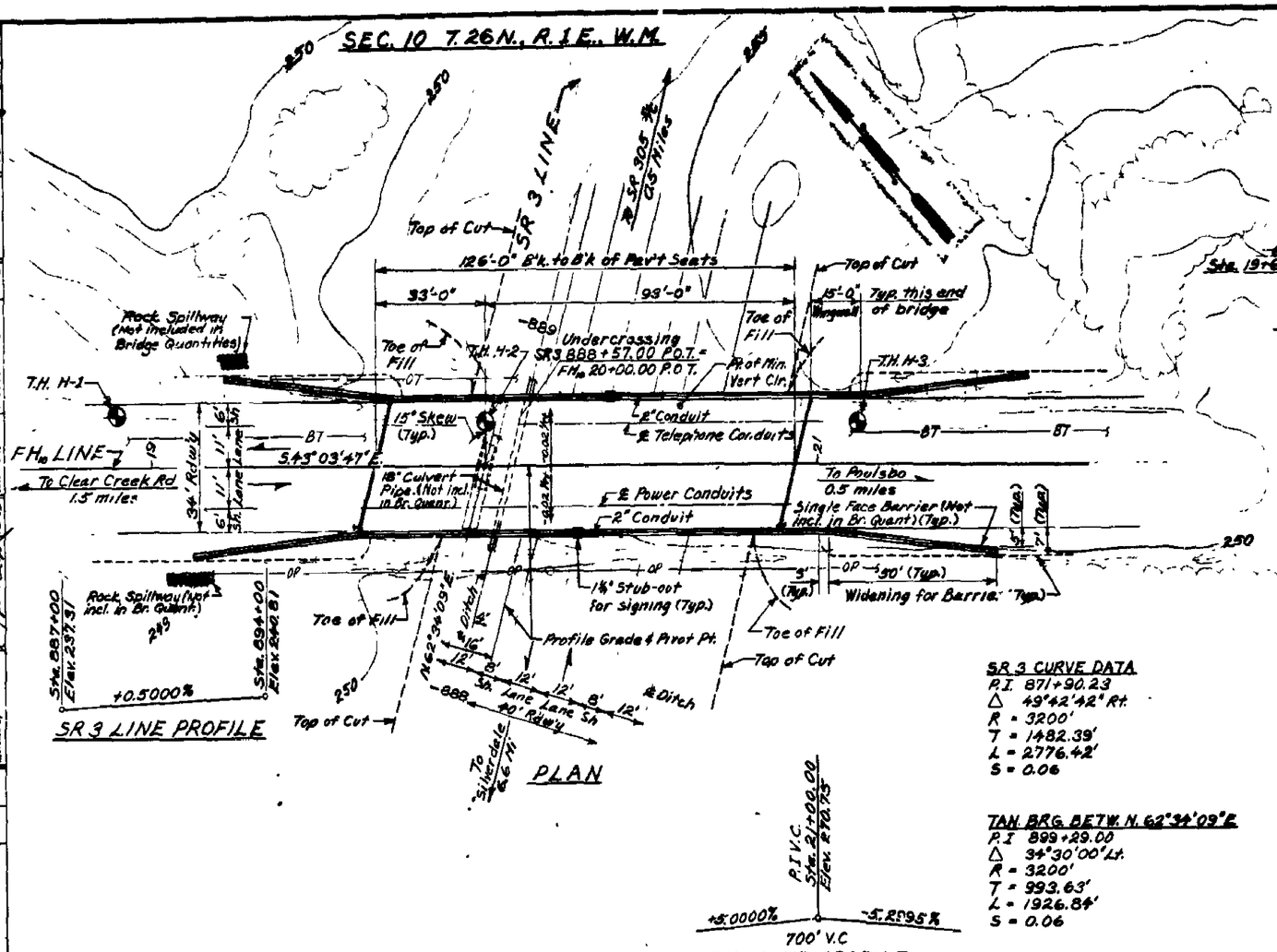
1898 CONTRACT NUMBER

APPROVED March 21, 1980

SHEET 67 OF 78 SHEETS

(Sheets 68 thru 78 are Bridge)

SR 3/92



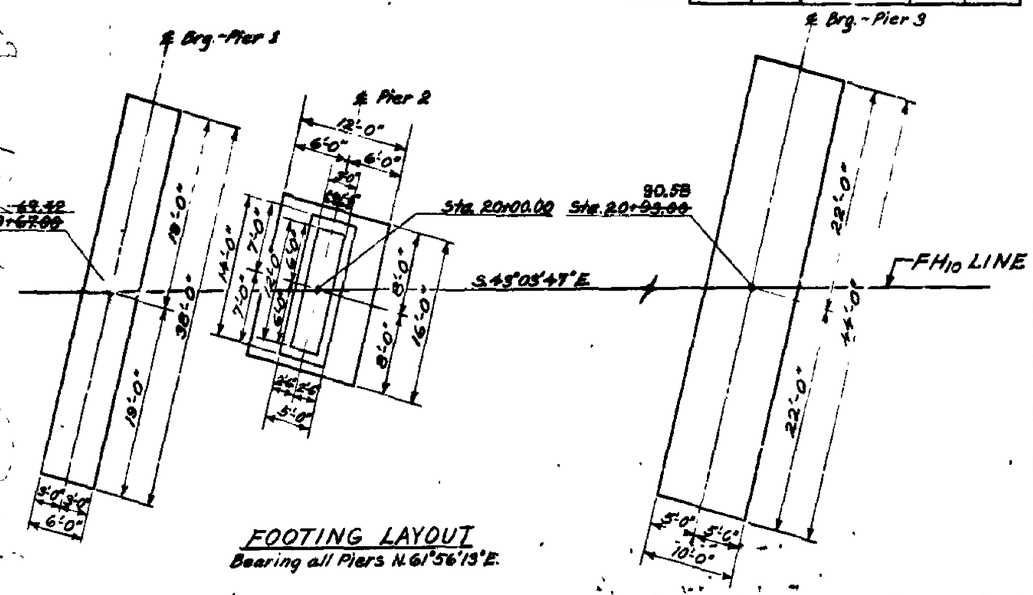
PLAN

SR 3 LINE PROFILE

FH10 LINE PROFILE

SR 3 CURVE DATA
P.I. 871+90.23
Δ 49°42'42" Rt.
R = 3200'
T = 1482.39'
L = 2776.42'
S = 0.06

TAN. BRG. BETW. N.62°34'09"E
P.I. 899+29.00
Δ 34°30'00" Lt.
R = 3200'
T = 993.63'
L = 1926.84'
S = 0.06



FOOTING LAYOUT
Bearing all Piers N.61°56'13"E.

GENERAL NOTES

ALL MATERIAL AND WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF WASHINGTON, DEPARTMENT OF HIGHWAYS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DATED 1977.

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS FOR LOAD FACTOR DESIGN, 1977 AASHTO SPECIFICATIONS AND 1978 INTERIM SPECS.

FOOTING ELEVATIONS AND SUBSTRUCTURE DETAILS ARE SUBJECT TO CHANGE DEPENDING UPON FOUNDATION MATERIAL ENCOUNTERED. REINFORCING STEEL FOR THE FOOTINGS, COLUMN, ABUTMENT WALLS AND WING WALLS SHALL NOT BE CUT UNTIL FINAL FOOTING ELEVATIONS HAVE BEEN DETERMINED IN THE FIELD, AND SUBSTRUCTURE DETAILS HAVE BEEN MODIFIED AS REQUIRED.

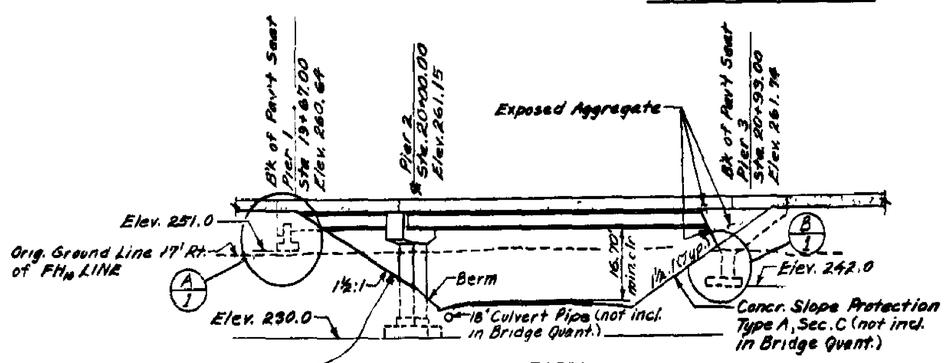
THE CONCRETE IN THE FOOTINGS OF ALL PIERS SHALL BE CLASS "B" MIX. THE CONCRETE IN THE PIER 3 WALLS, WING WALLS AND IN THE TRAFFIC BARRIER SHALL BE CLASS "A" SPECIAL. ALL OTHER CAST-IN-PLACE CONCRETE SHALL BE CLASS "AX" MIX, EXCEPT WHERE SPECIFICALLY SHOWN OTHERWISE ON THE PLANS.

THE ROADWAY SLAB SHALL NOT BE POURED UNTIL 24 HOURS MINIMUM AFTER POURING THE DIAPHRAGMS.

FALSEWORK SHALL BE CAREFULLY RELEASED TO PREVENT IMPACT OR UNDUE STRESS IN THE STRUCTURE.

THE MAXIMUM DESIGN SOIL PRESSURE PER SQUARE FOOT IS: PIER 1 -3 TSF, PIER 2 -7 TSF; Pier 3 -3 TSF.

UNLESS OTHERWISE SHOWN ON THE PLANS, CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY REINFORCING BAR SHALL BE 2" AT THE TOP OF THE ROADWAY SLAB, 1" AT THE BOTTOM OF THE ROADWAY SLAB, 2-1/2" AT THE BOTTOM OF THE FOOTINGS, 2" FROM THE FACE OF FORMS WHERE EXPOSED AGGREGATE FINISH IS SPECIFIED AND 1-1/2 AT ALL OTHER LOCATIONS.



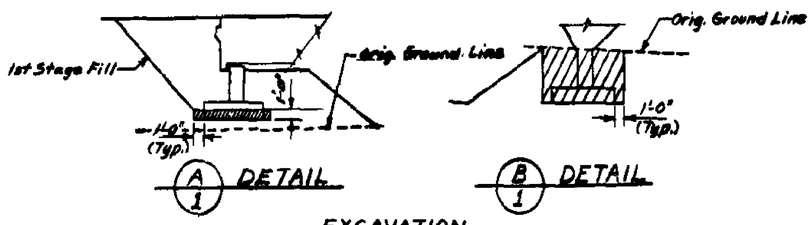
ELEVATION

DATUM
Nat'l Geod. Vert. Datum of 1929

8" QUARRY ROCK

Grade Elevations shown are finish grades at top of asphalt overlay on FH10 LINE and are equal to profile grades.

LEGEND: 1/12 IDENTIFIES SECTION, VIEW OR DETAIL — SHOWN ON BRIDGE SHEET ___ (Lower right hand corner)



EXCAVATION

AS-BUILT CHANGES IN RED 7-13-84

P.C GIRDERS 80 SERIES

LOADING: HS-20 OR TWO 24K AXLES @ 4' CTRS.

SR 3 MP 49.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

LAYOUT

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLEY — SECRETARY

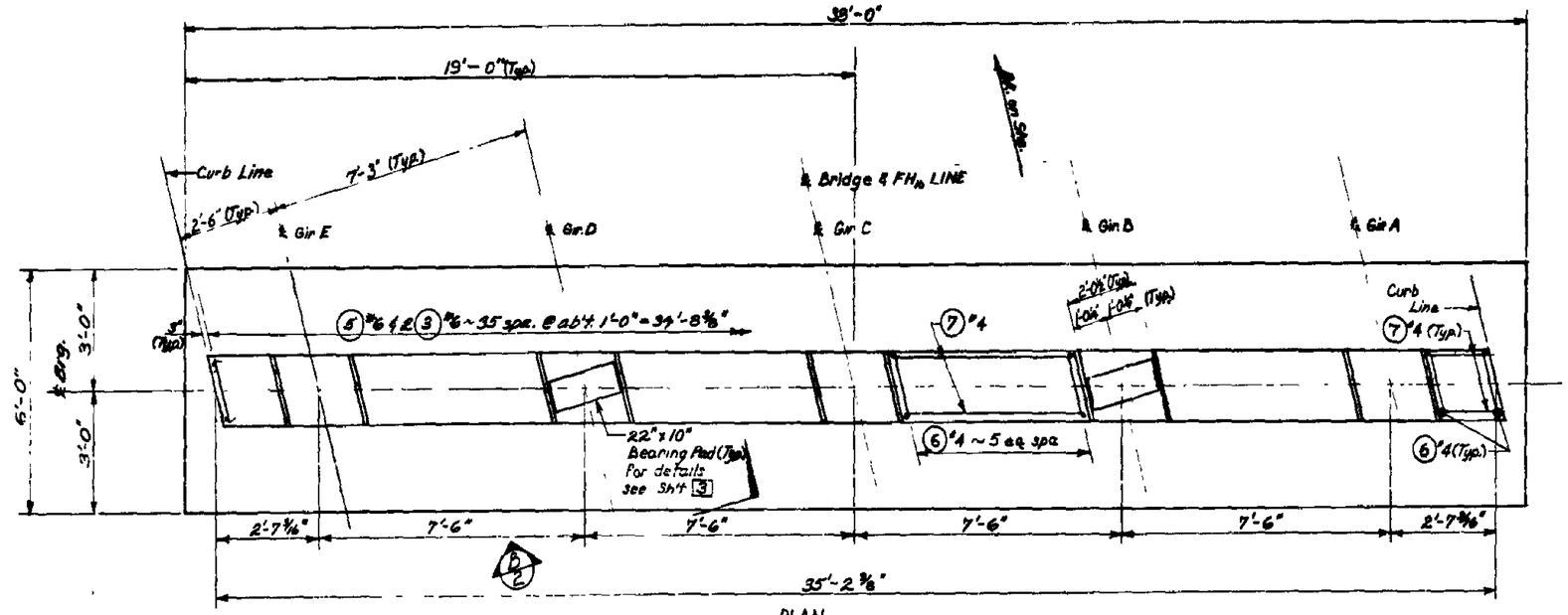
BRIDGE ENGINEER — APPROVED March 21, 1980

CONTRACT NUMBER 1898 — SHEET 68 OF 78 SHEETS

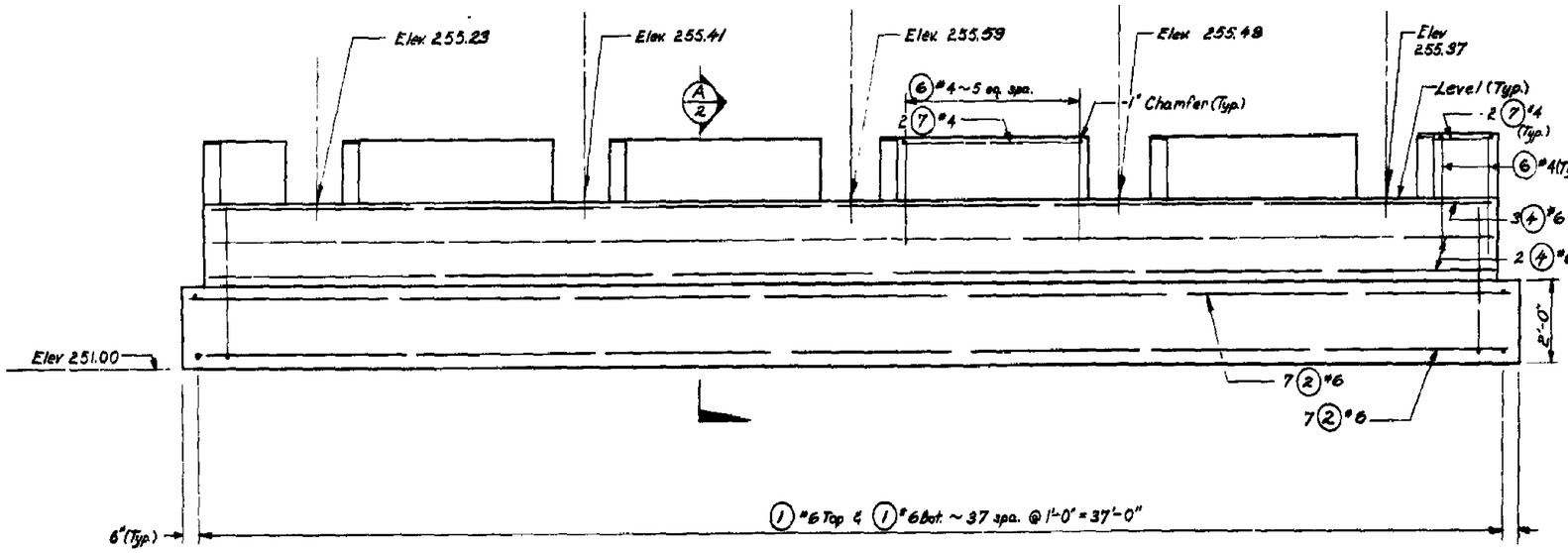
CS 1804 ~ PROJECT NO L-4983P ~ DISTRICT NO.3 ~ CLEAR CREEK RD TO POULSBO ~ SR 3 ~ FINN HILL ROAD UNDERCROSSING

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
10	WASH	N-TI-43(3)		69	78

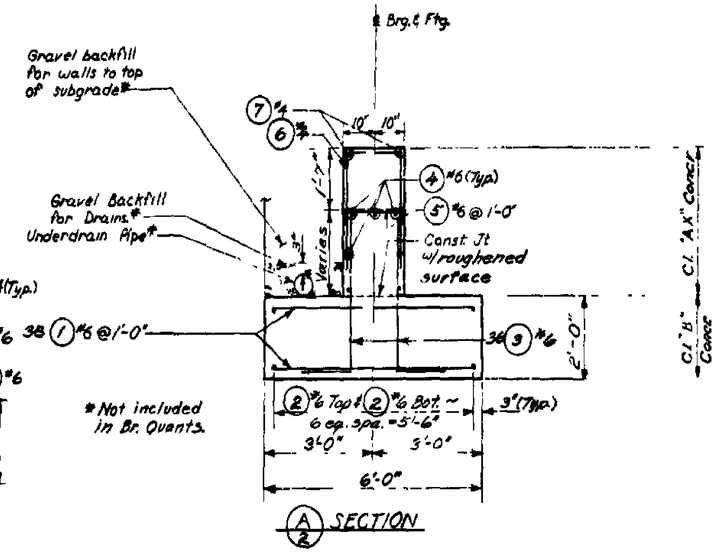
80W019



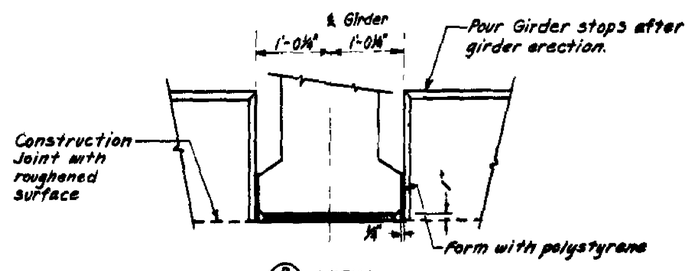
PLAN



ELEVATION
Looking back on Sta.



A/2 SECTION



B/2 VIEW (Typ.)

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

PIER 1

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLEY — SECRETARY

BRIDGE ENGINEER

APPROVED March 21, 1980

CONTRACT NUMBER 1898 — SHEET 69 OF 78 SHEETS — 2

BY	APP'D	REVISION	DATE

Engineer of Bridge Design — Supervising Bridge Engineer — Reviewed By

Layout Checked By — Bridge Architect

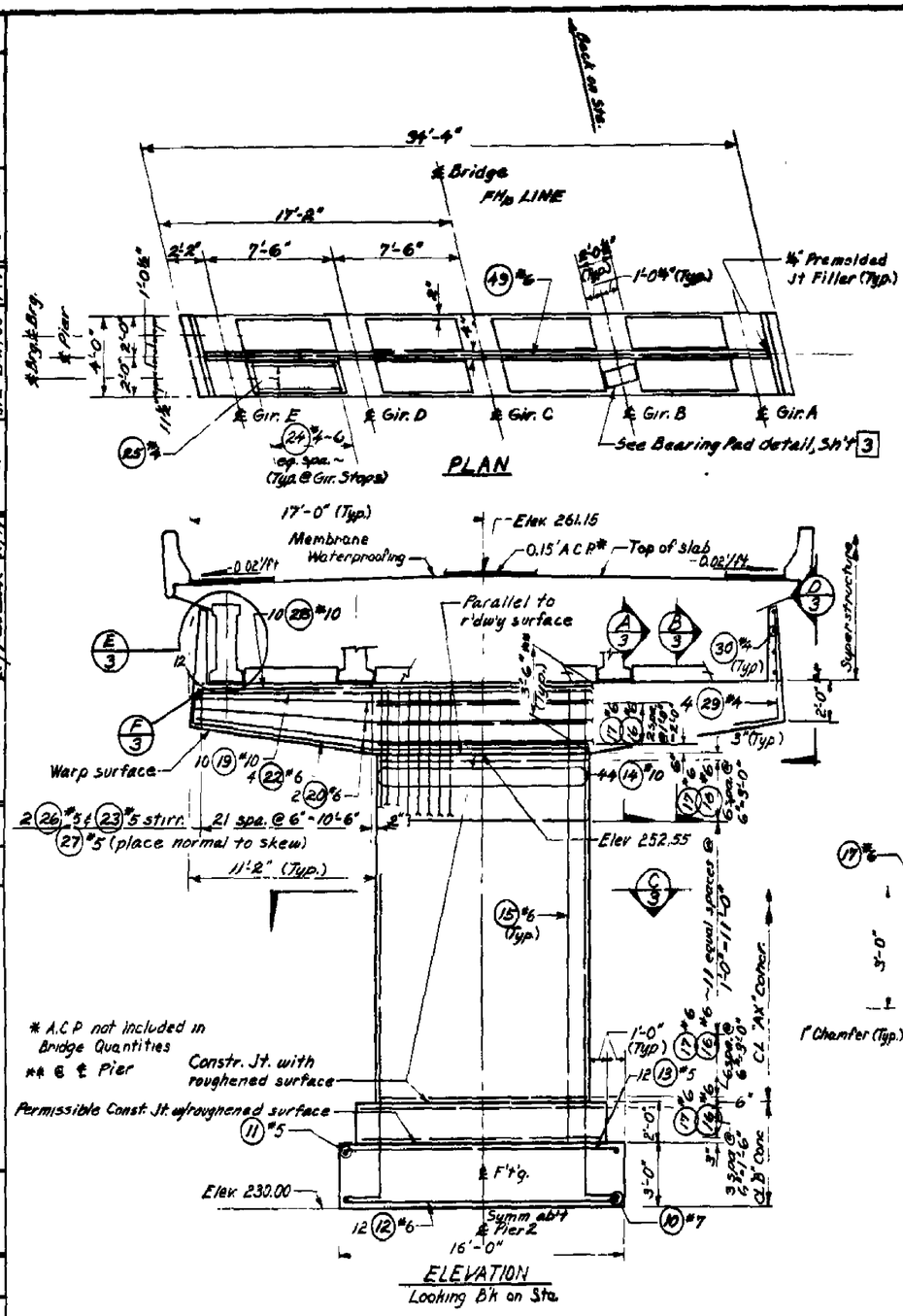
Designed By — Design Checked By — Drawn By

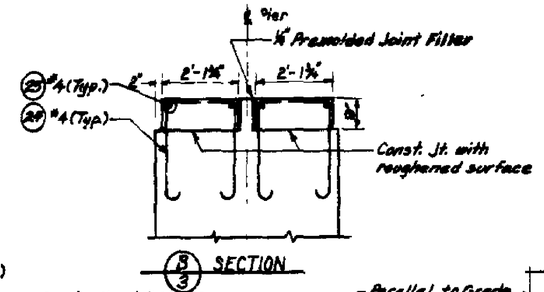
SR 3 JOB NO. 1517 SHEET 2 OF 10

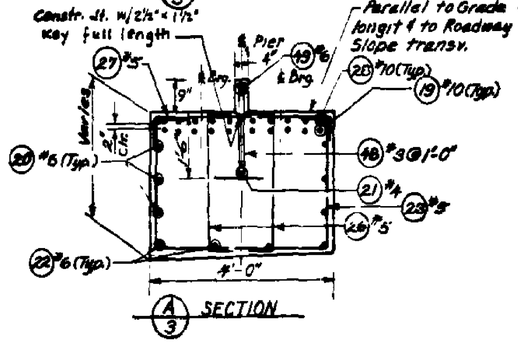
129/112

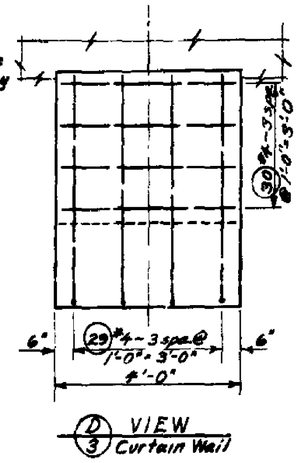
FED. ROAD DIV NO	STATE	FED AID PROJ. NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
10	WASH	N-T1-43(5)	79	70	78

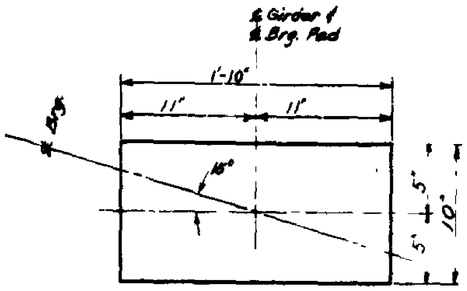
80W019

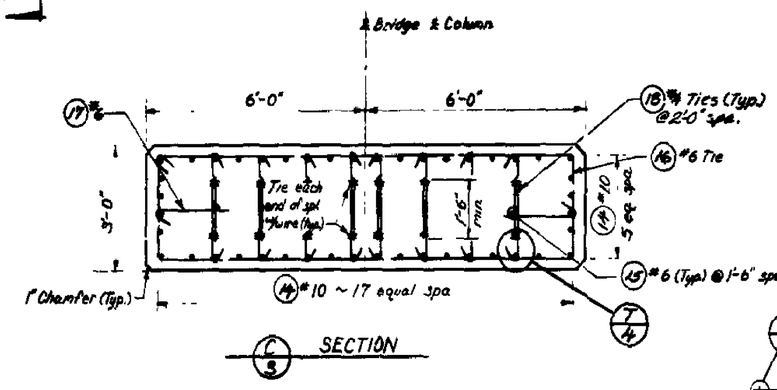


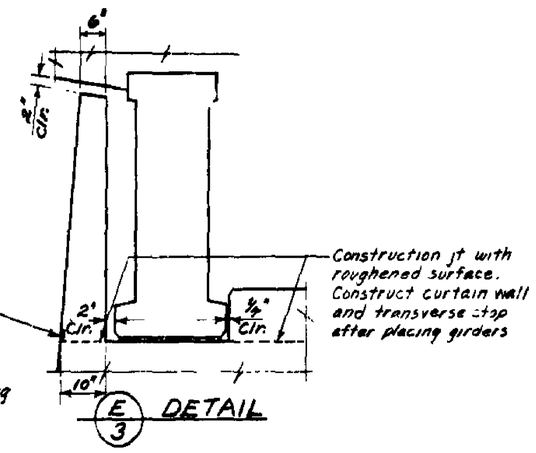


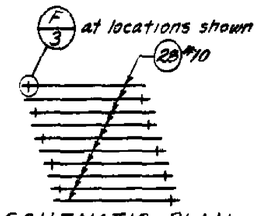


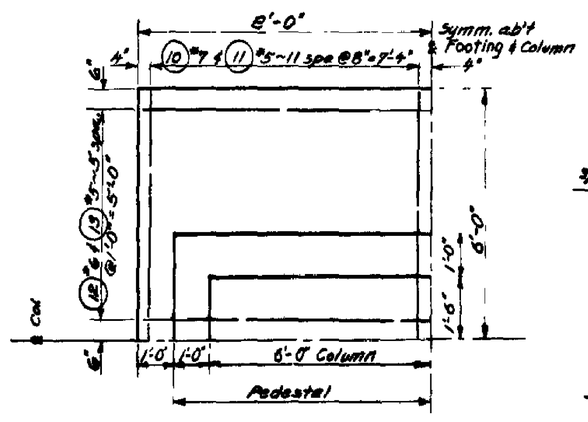


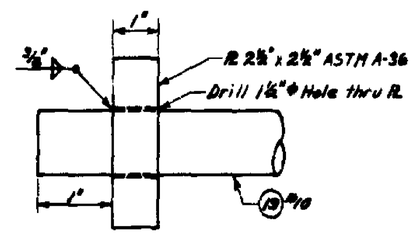












GIRDER ELEVATIONS @ TOP of PAD @ ℄ BRG.

SPAN	Gir A	Gir B	Gir C	Gir D	Gir E
1	255.81	255.93	256.05	255.88	255.70
2	255.84	255.96	256.08	255.91	255.74

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

PIER 2

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLEY — SECRETARY

BRIDGE ENGINEER — APPROVED March 21, 1980

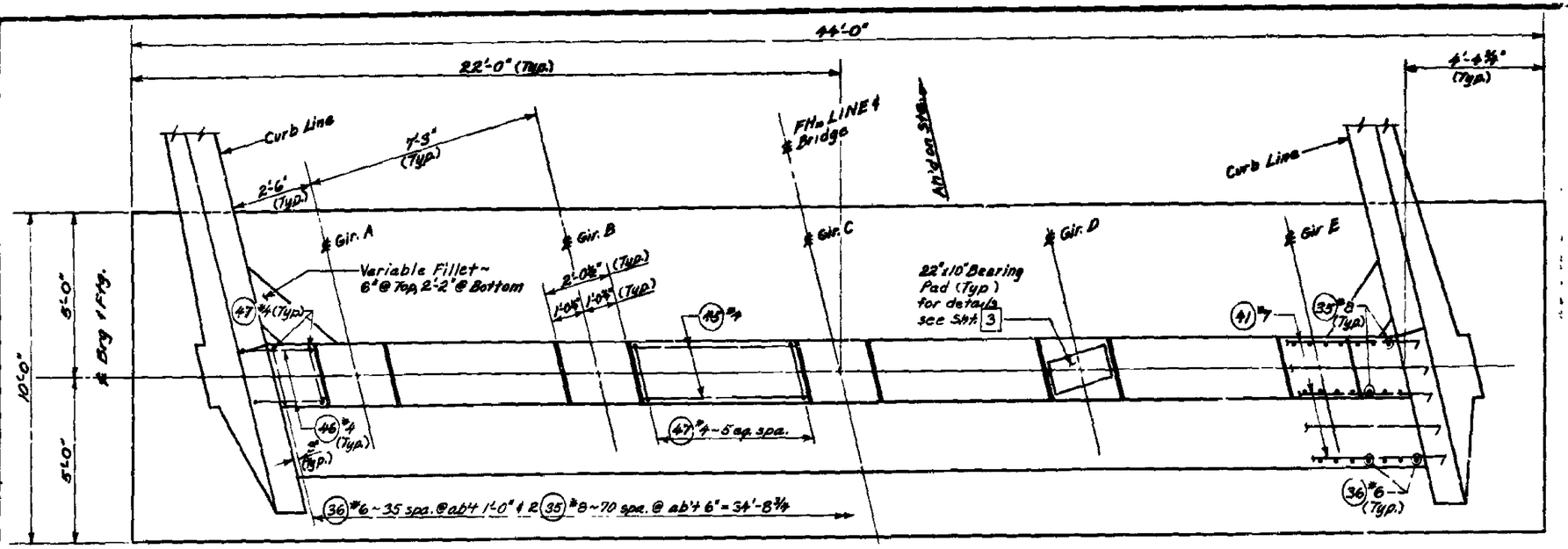
CONTRACT NUMBER 1898 — SHEET 70 OF 78 SHEETS

SR 3 JOB NO. 1517 SHEET 3 of 10

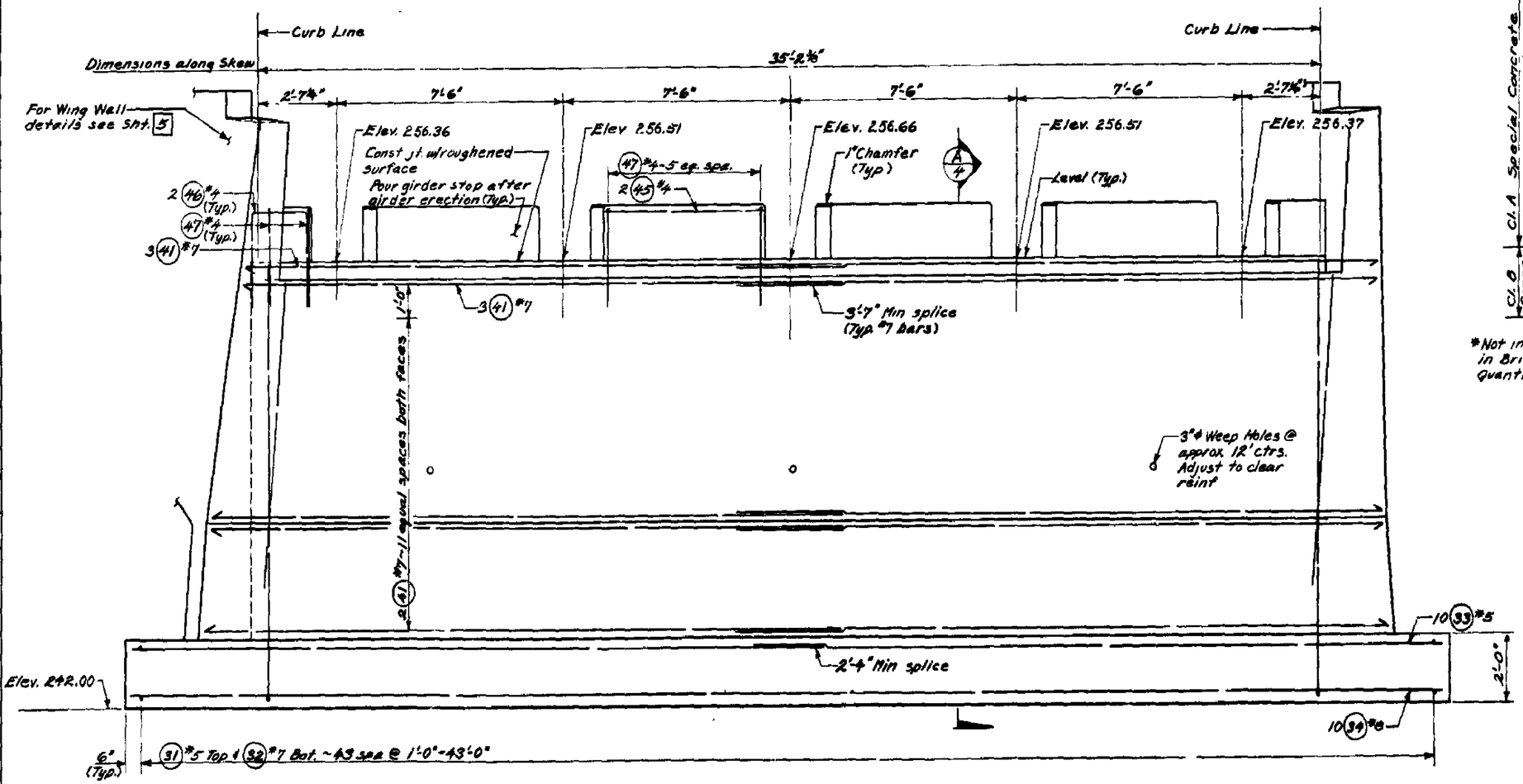
SR 3/92

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
10	WASH.	N-TI-43(5)	71		78

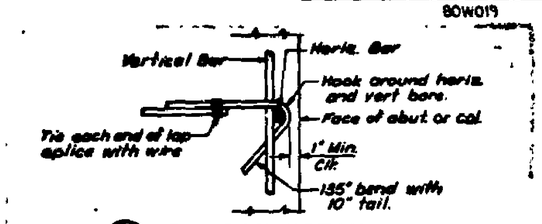
80W019



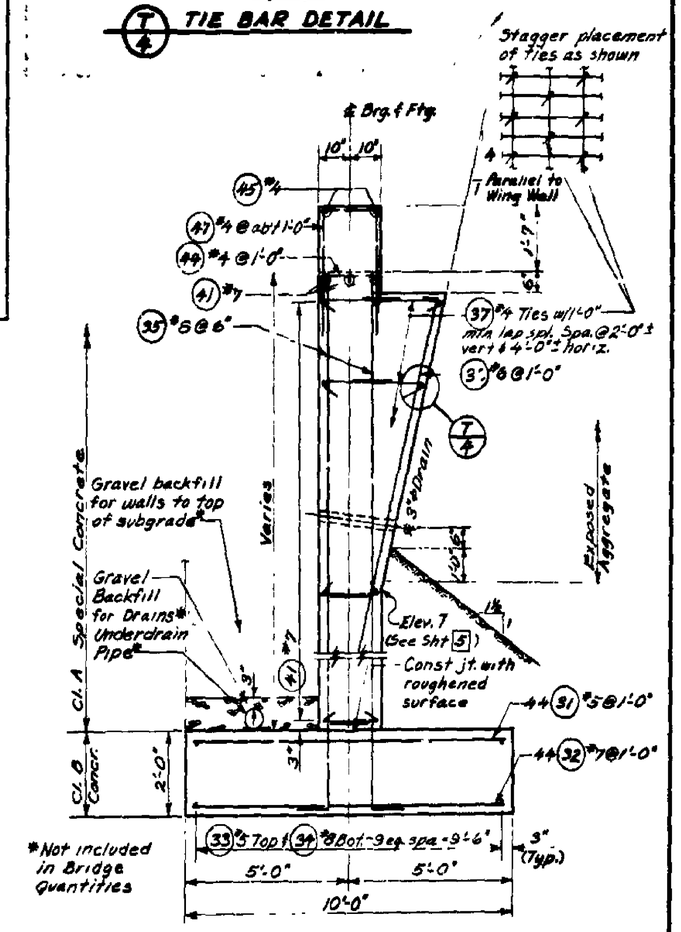
PLAN



ELEVATION
Looking ahead on Sta.



(T/4) TIE BAR DETAIL



*Not included in Bridge Quantities

(A/4) SECTION

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

PIER 3

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLEY — SECRETARY

BRIDGE ENGINEER — APPROVED March 21, 1980

CONTRACT NUMBER 1898 — SHEET 71 OF 78 SHEETS — 4

129/110

APP'D	BY	REVISION	DATE	APP'D	REVISION	REVISION	DATE

Layout By	Layout Checked By
E.Z.	9-79
Bridge Architect	7-79

Designed By	Design Checked By	Drafted By
C.T.G.	D.H. Yarnes	

Engineer of Bridge Design	Supervising Bridge Engr	Reviewed By
Harry Manchester	Gary Z. Yoder	Roy Muscatt

SR 3 JOB NO. 5127 SHEET 4 of 10

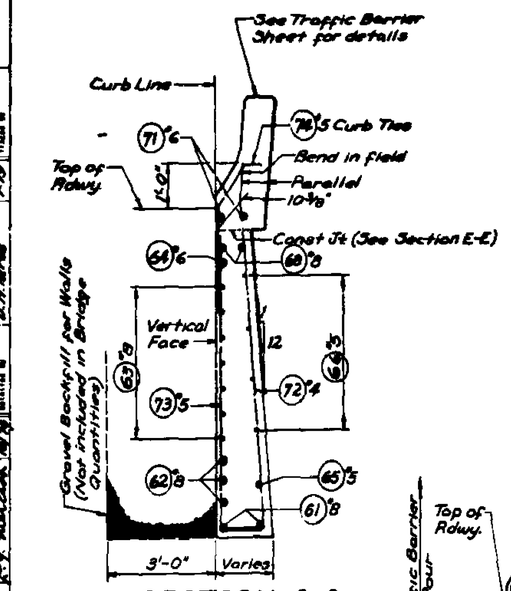
FINN HILL

SR 3/

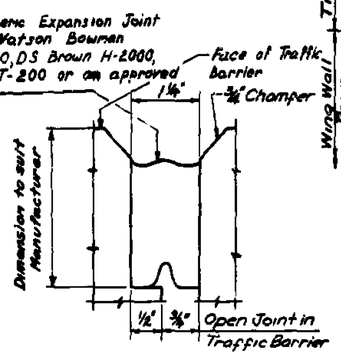
FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
10	WASH.	N-TI-43(5)		72	78

WALL DATA

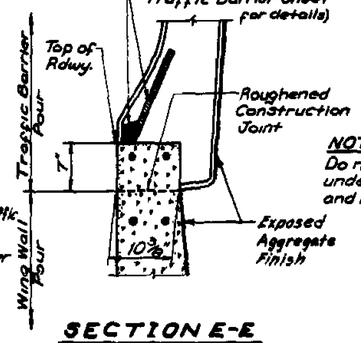
WING WALL LOCATION	ELEVATION PT. Q	R	S	T	LENGTH L
Pier 3 North	261.37	261.40	261.40	249.34	6'-1"
Pier 3 South	261.39	261.41	261.41	249.36	6'-1"



SECTION A-A



SECTION G-G



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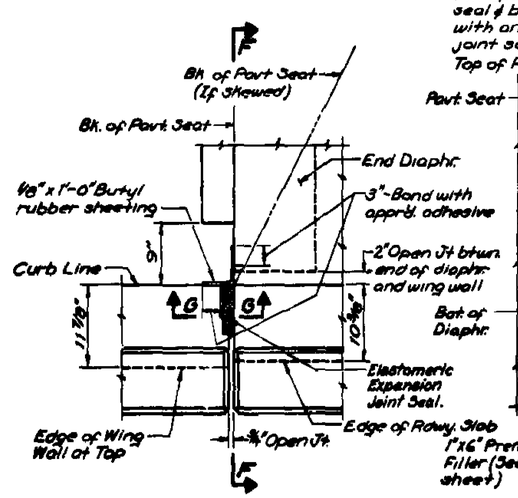
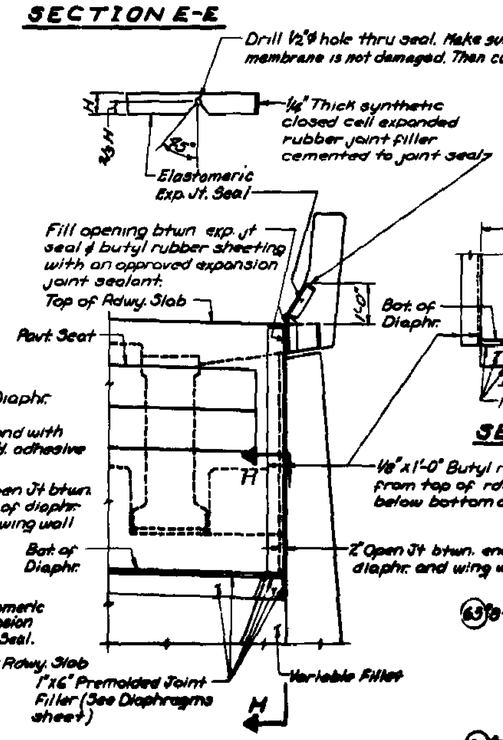


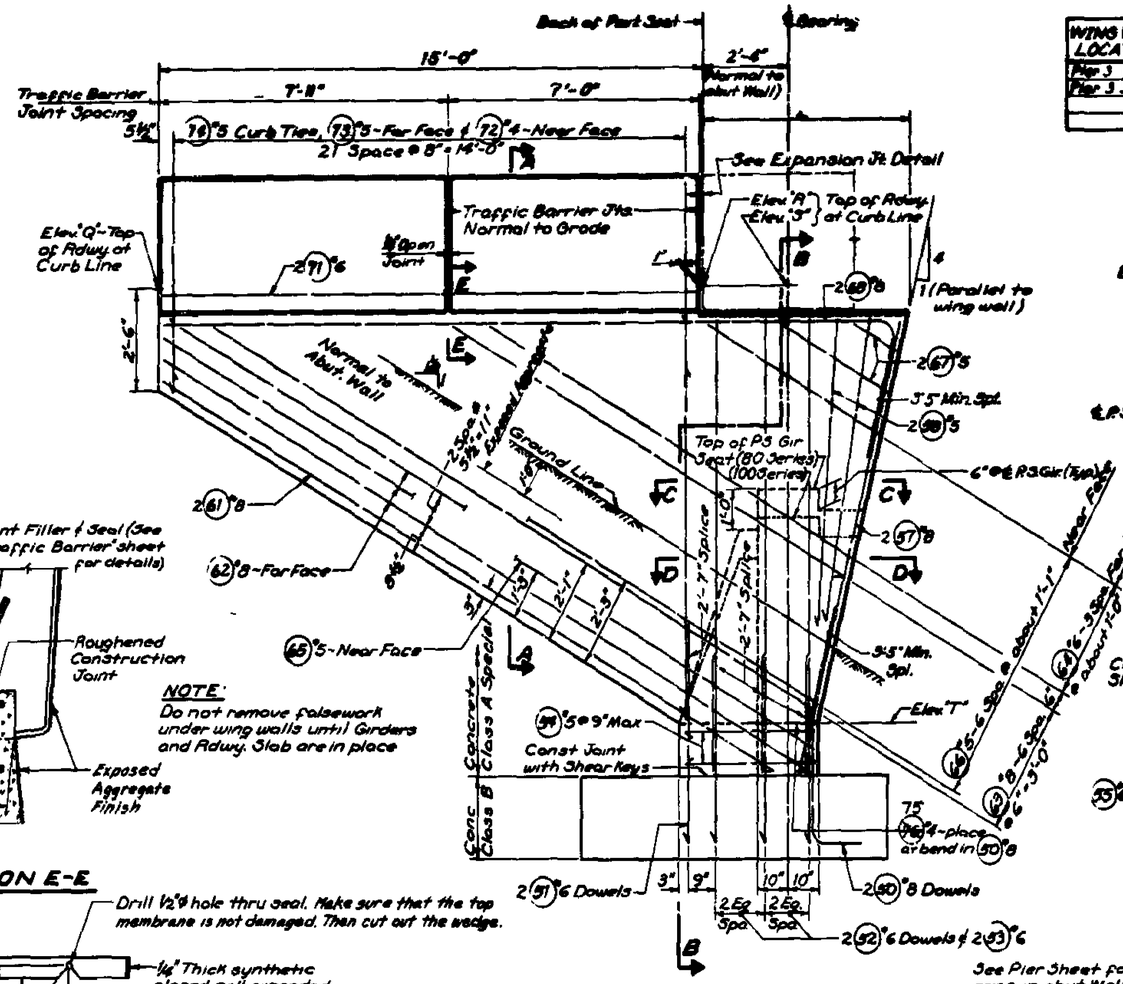
EXPANSION JOINT DETAIL

When applicable, see Bridge Grate Inlet Details sheet for additional details

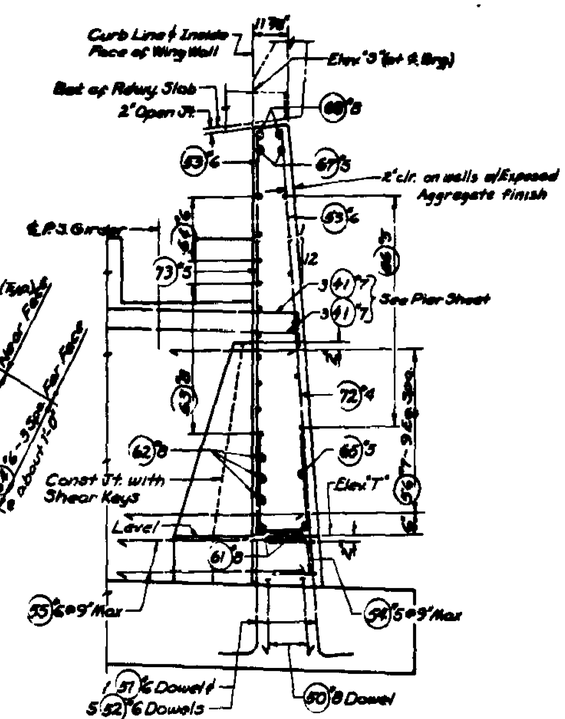


SECTION F-F

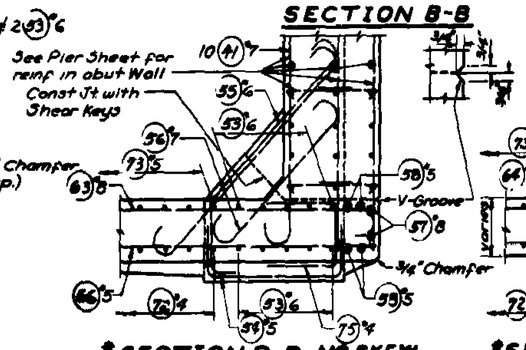
SECTION H-H



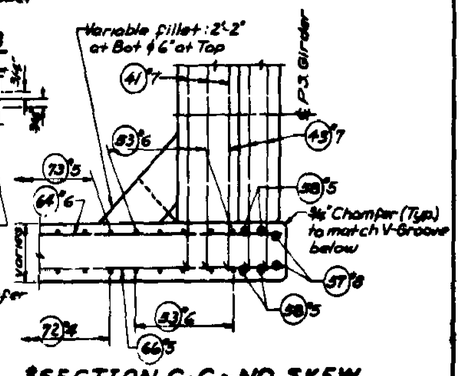
WING WALL OUTSIDE ELEVATION



SECTION B-B

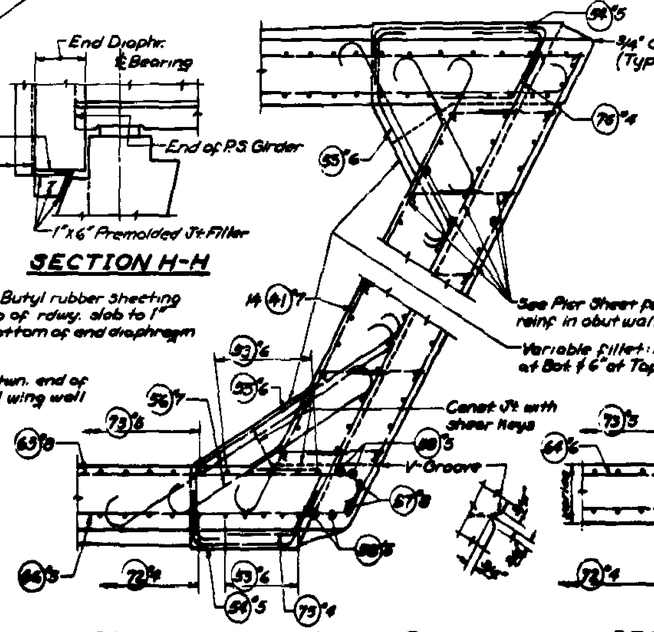


*SECTION D-D-NO SKEW

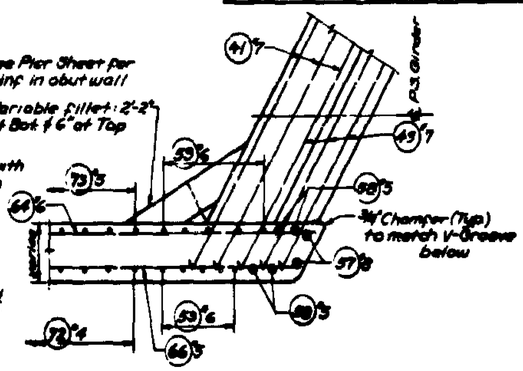


*SECTION C-C-NO SKEW

* Not applicable to this project



SECTION D-D - SKEWED



SECTION C-C - SKEWED

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

WINGWALL

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BUNDY — SECRETARY

CHIEF ENGINEER

APPROVED March 21, 1990

CONTRACT NUMBER 1898 — SHEET 72 OF 78 SHEETS 5

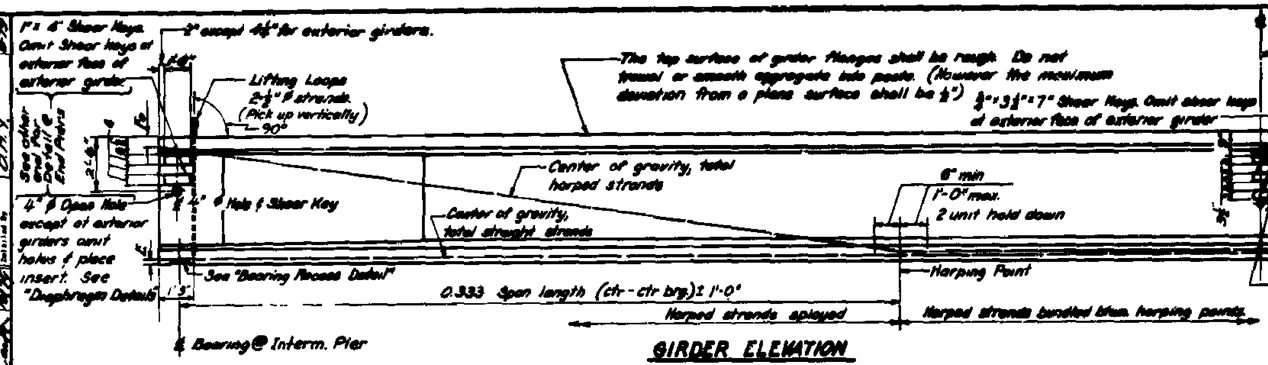
AS-BUILT CHANGES IN RED 7-13-84

1/29/09

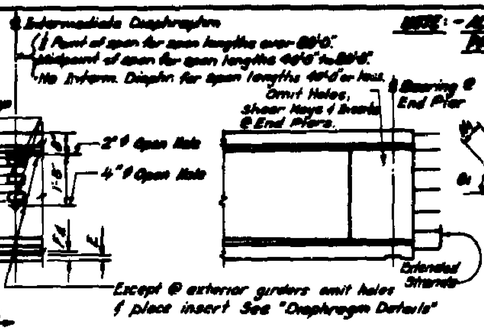
FED. ROAD REGN. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
10	WASH.	N-TT-43(5)		73	78

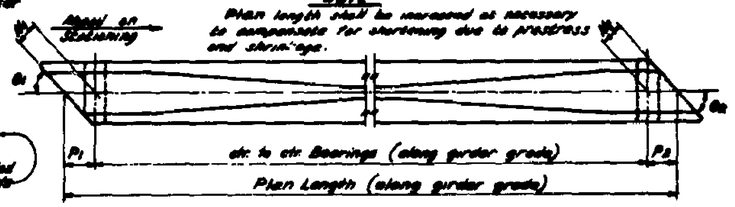
90W019

NOTE: - ALL DETAILS ON THIS SHEET ARE FOR PRETENSIONED STRAND DESIGN ONLY.



GIRDER ELEVATION



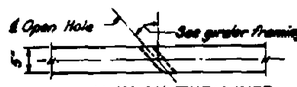


GIRDER SCHEDULE

"A" Dimension @ ℄ Bearings = 8¼" ALL
(Based on girder camber - C, at time of slab pour)

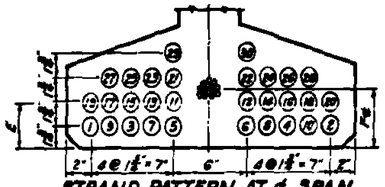
SPAN	GIRDER	DIMENSIONS G1	G2	N1	N2	P1	P2	ctr to ctr Bearings	Plan Length	Maximum Stirrup Spacing S	BUNDLED HARPED & STRAIGHT PRE-TENSIONED: HARPED No of Strands	Jacking Force (kips)	STRAIGHT No of Strands	Jacking Force (kips)	Total no of ¼" ϕ 270 Strands	Location of C.G. Steel Area (in) E	F	Fo	Dim C (in)	Dim C1 (in)
1	ALL	105	105	1'-3"	9½"	1'-3½"	9⅜"	29'-5⅜" (6½" / 3'-7½")	32'-6½" (9½" / 3'-7½")	1'-6"	4	116	6	174	10	1¾	8	22⅞	0	⅛
2	ALL	105	105	9½"	1'-5"	9⅜"	1'-3½"	35'-5½" (6½" / 3'-7½")	38'-6½" (9½" / 3'-7½")	1'-0"	9	260	26	752	35	3¼	3	5⅛	1½	3⅝

Concrete: Min. Comp. Strength @ 28 days, f'c = 4000 psi — Concrete: Min. Comp. Strength @ 28 days, f'c = 7000 psi
Span - 1: Min. Comp. Strength @ Release, f'ci = 5000 psi — Span - 2: Min. Comp. Strength @ Release, f'ci = 6000 psi



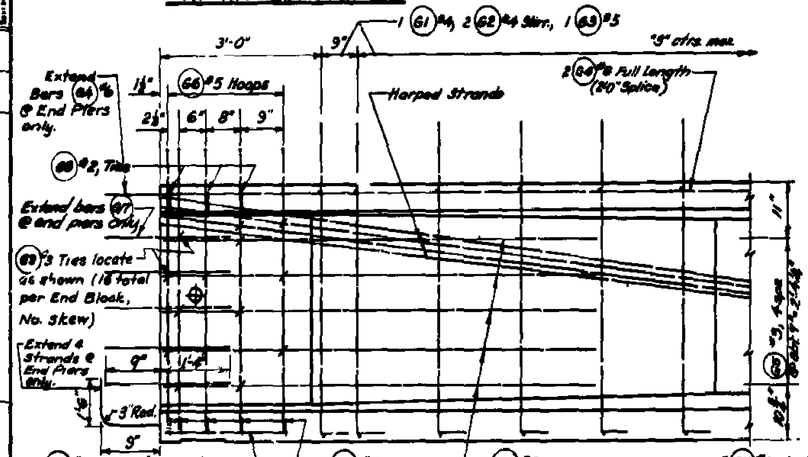
SECTION THRU WEB AT INT. DIAPHRAGMS

If the lifting loops extend thru the roadway slab they shall be cut off prior to pouring of roadway slab. All lifting strands are of same material and strength as prestressing strands. Wrap lifting loops so that each strand will carry its share of the total load. Extend lifting loops to within 3" clear of the bottom of the girder.



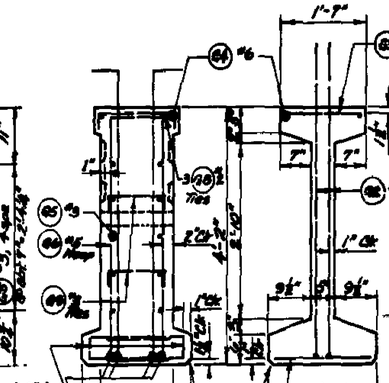
STRAND PATTERN AT ℄ SPAN

Strand location sequence shall be as shown (1), (2), etc

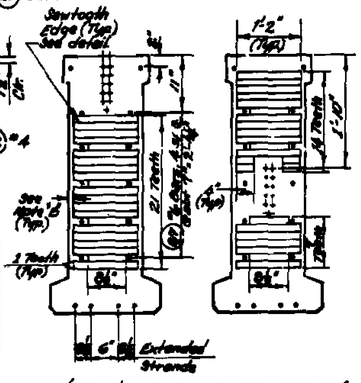


END BLOCK ELEVATION

Cut all strands flush with the girder ends except as indicated for End Piers. Paint ends of flush strands with approved epoxy resin @ Interm. Piers.

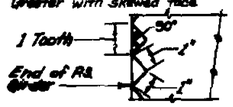


TYPICAL CROSS-SECTIONS

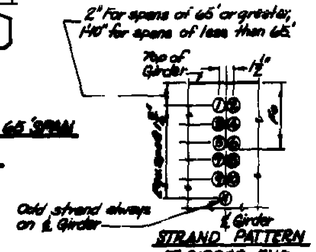


TYPICAL GIRDER ENDS

Note "B": 1" minimum with no skew. Greater with skewed face.



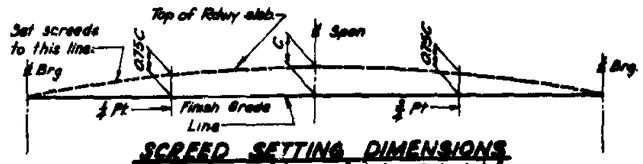
SAWTOOTH DETAIL



STRAND PATTERN AT GIRDER END

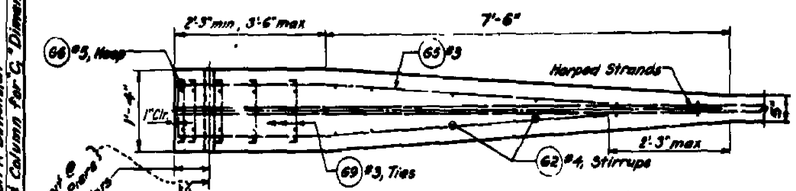
(Harped strands only. Strand location sequence shall be as shown, (1), (2), etc.

NOTE:
Extra caution must be exercised in handling and placing all girders. All girders over 100 feet long shall be braced laterally to prevent tipping or buckling.



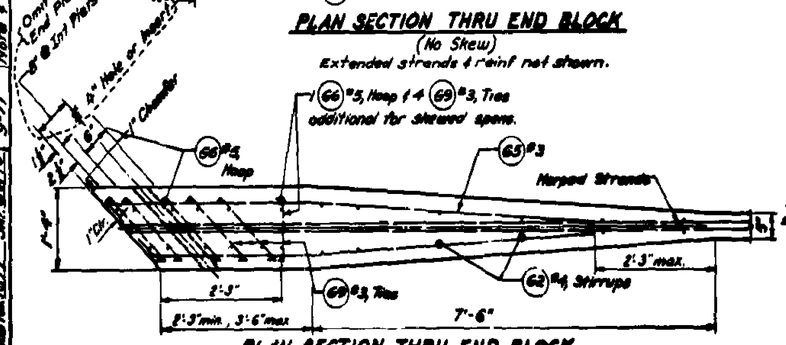
SCREED SETTING DIMENSIONS

For Dimension (C) see "Girder Schedule"



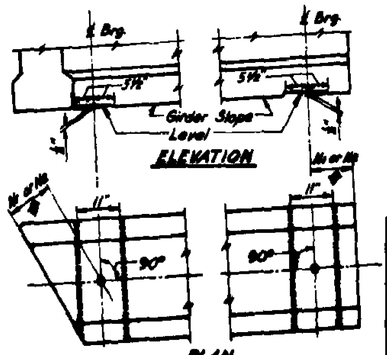
PLAN SECTION THRU END BLOCK

(No Skew)
Extended strands & reinf. not shown.



PLAN SECTION THRU END BLOCK

(Skewed Spans)
Extended strands & reinf. not shown.



BEARING RECESS DETAIL

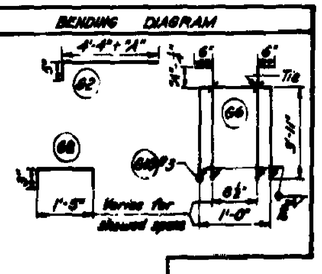
Except when shown otherwise: (1½" Int Gird @ Int Piers; 2½" Int Gird @ End Piers) (Except when bridge on sag vert. curve.)

Note: Forms for bearing pad recesses shall be constructed and fastened in such a manner so as not to cause damage to the girders during the strand release operation.

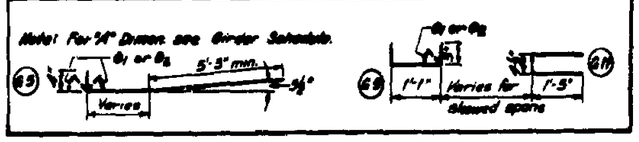
BAR LIST

All dimensions are out to out

MARK	LOCATION	SIZE	BENDING DIAGRAM
61	Girder - Bot Flange	4	Str
62	" Stirrup	4	
63	" Top Flange	5	Str
64	" Longit - Top Full Length	6	"
65	End Block - Longit	3	
66	" " Hoops	5	
67	End Block Extensions	6	Str
68	" " Ties - Top Flange	2	
69	" " Ties	3	
610	" " Longit - Bottom	3	Str
611	" " Dowel - "	2	



Note: For "A" Dimen. see Girder Schedule.



SERIES 60 GIRDER

SR 3 — MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

GIRDER DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. SELBY — SECRETARY

CHIEF ENGINEER — APPROVED March 21, 1980

CONTRACT NUMBER 1898 — SHEET 73 OF 78 SHEETS — 6

AS-BUILT CHANGES IN RED 7-13-84

DATE	BY	REVISION
6-77	R.L.S.	Note on "A" Dimension
9-77	R.L.S.	Note & Column for "C" Dimen.

SR 3 Job No. 6212 Sht. 6 of 10

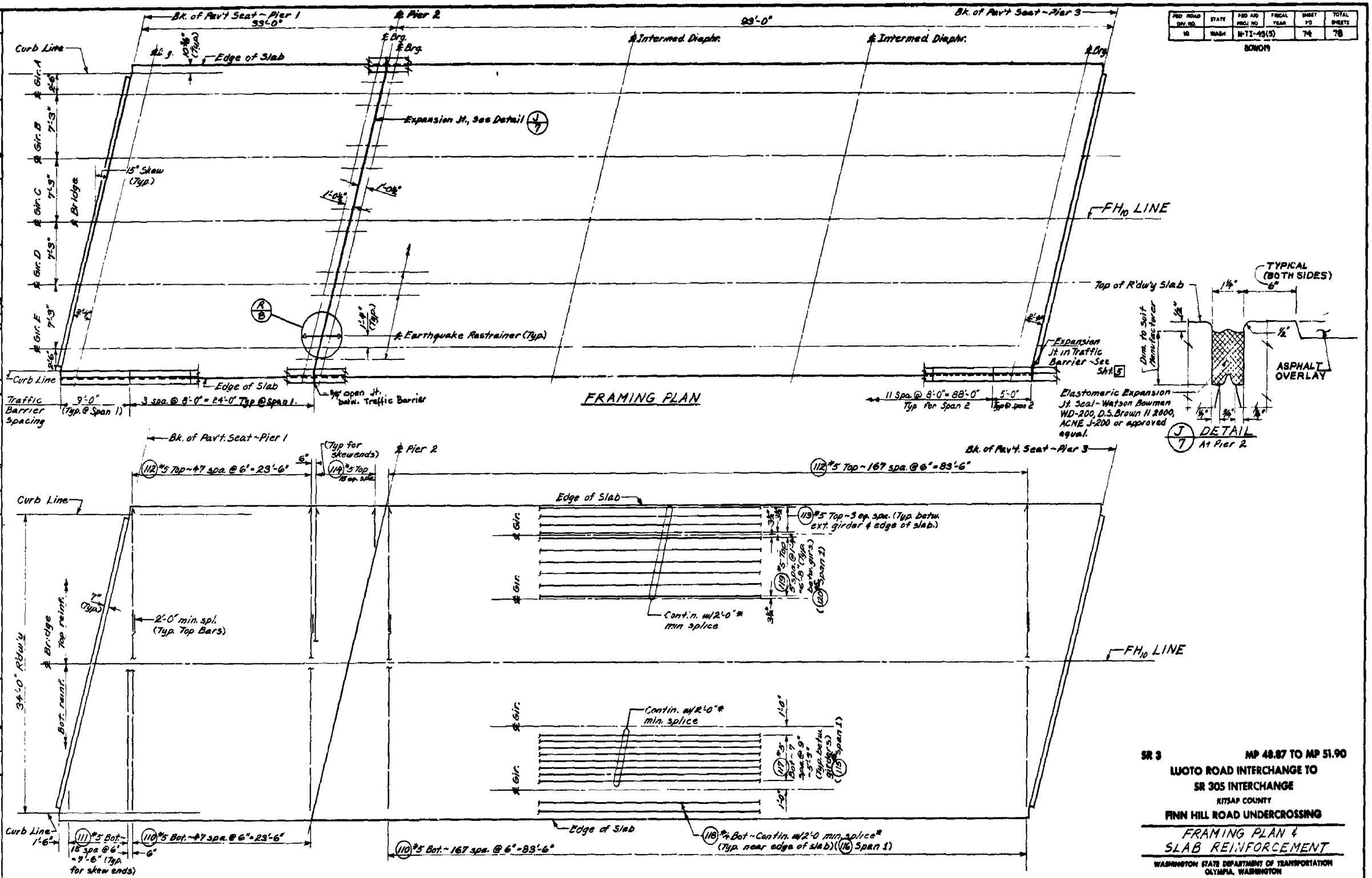
3-77 Revised for B.G.N.-R.L.S.

SEC. B/92

129/109

FED ROAD DIV. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
10	WASH	N-TI-49(5)		74	78

80N019



*Length of bars & location of splices to be determined by the Contractor.

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

FRAMING PLAN & SLAB REINFORCEMENT

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BURLEY — SECRETARY

BRIDGE ENGINEER

APPROVED March 21, 1980

CONTRACT NUMBER 1899 SHEET 74 OF 78 SHEETS 7

AS-BUILTS CHANGES IN RED 7-13-84

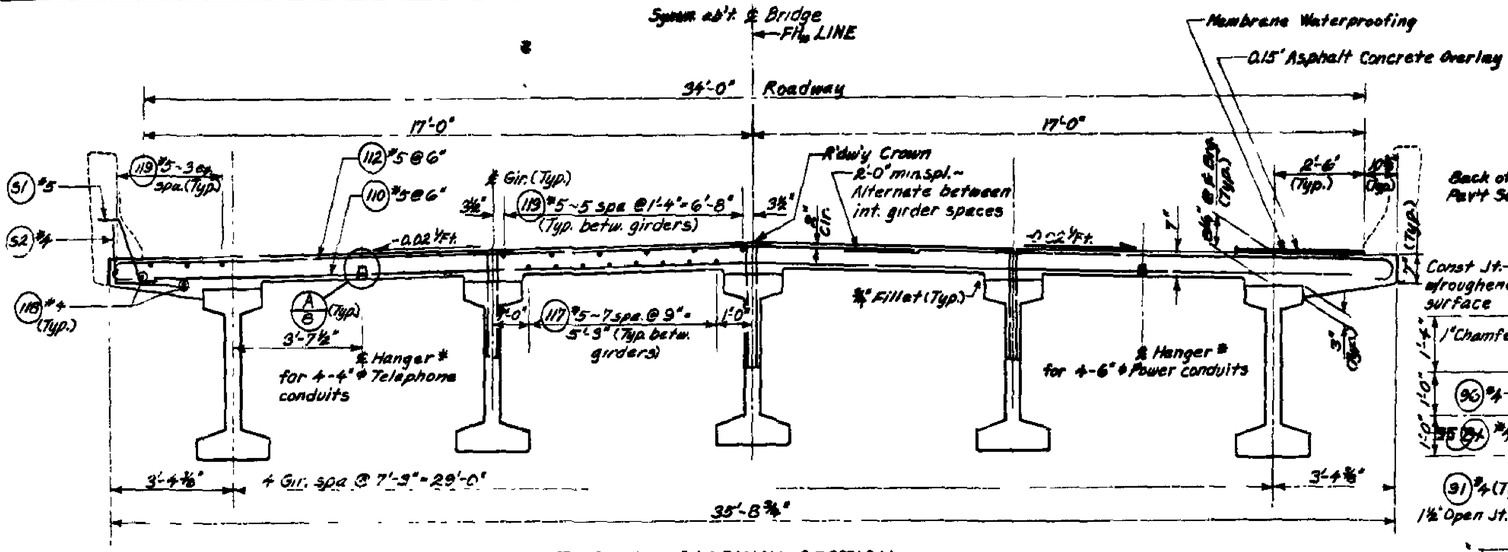
129/147

SR 3 JOB NO. 8897 SHEET 7 of 10

SR 3/92

FED ROAD DIV NO.	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
10	WASH	N-TI-49(5)		75	78

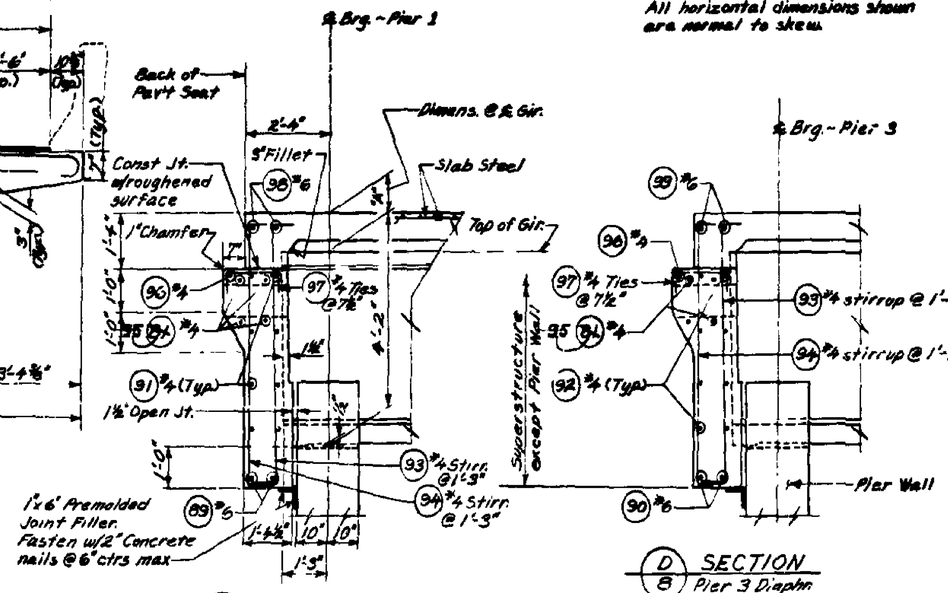
SCW019



TYPICAL ROADWAY SECTION

Shown perpendicular to ℄ Roadway

*Attach to slab with "Grinnell Universal Concrete Inserts, Fig. 282 - 1/2" ϕ bolt" or equal @ 6'-0" max. ctrs. midway between girders.

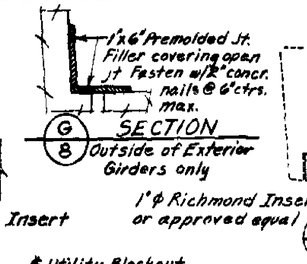


NOTE: All horizontal dimensions shown are normal to skew.

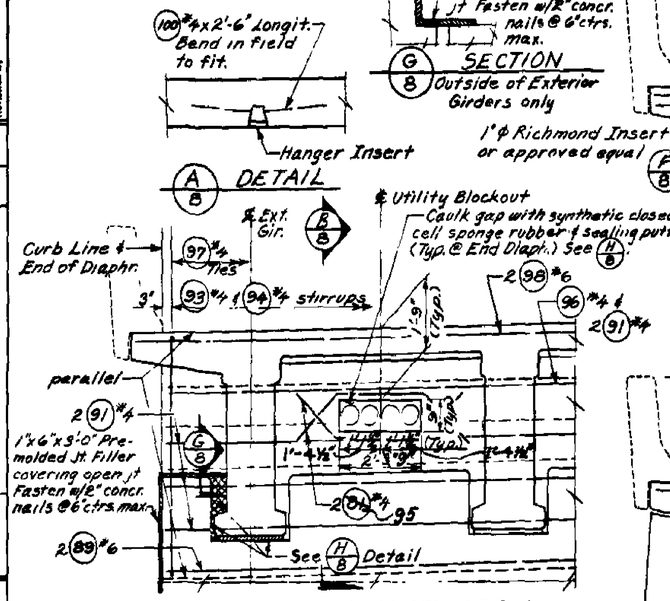
(D/8) SECTION
Pier 3 Diaphr.
For Dimensions & Details not shown, see Pier 1.

(B/8) SECTION
Pier 1 Diaph.

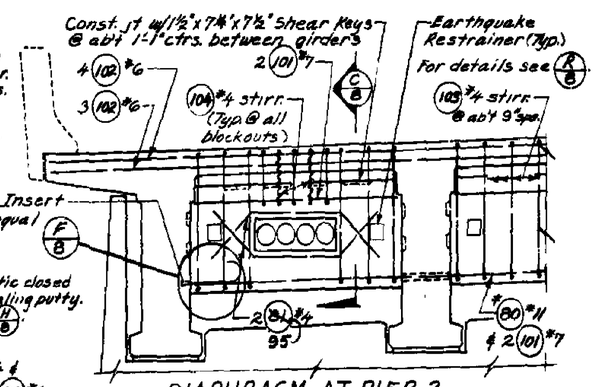
(A/8) DETAIL



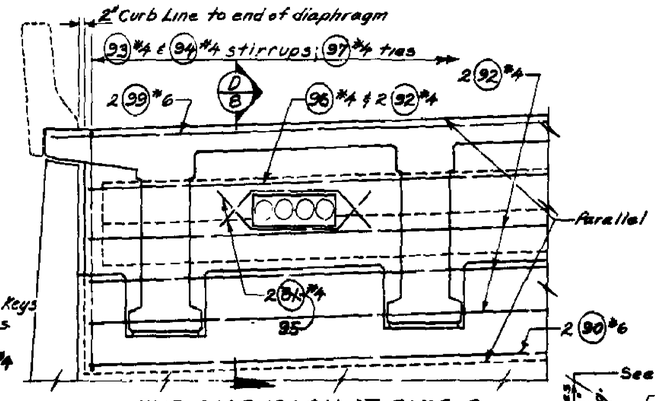
(G/8) SECTION
Outside of Exterior Girders only



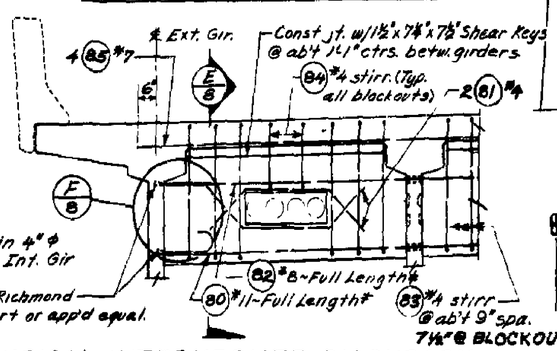
END DIAPHRAGM AT PIER 1



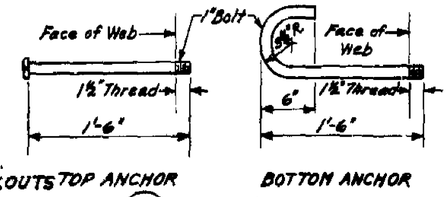
DIAPHRAGM AT PIER 2



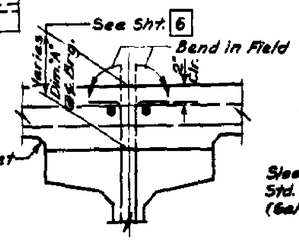
END DIAPHRAGM AT PIER 3



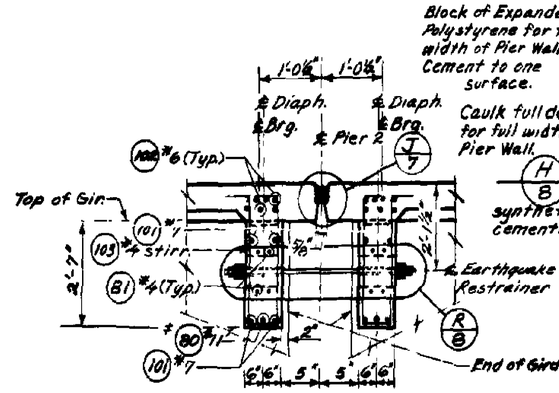
TYPICAL INTERMEDIATE DIAPHRAGM



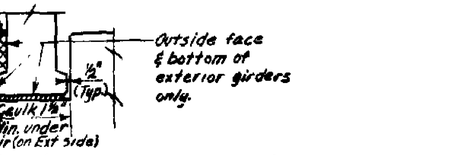
(F/8) DETAIL
A.S.T.M. A-307



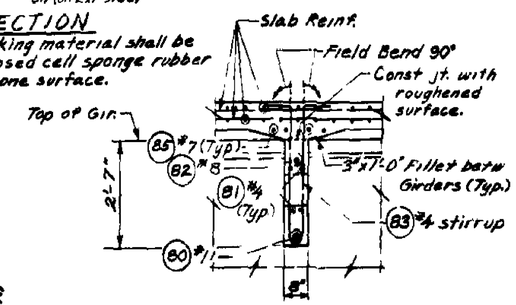
TYP. SECTION THRU GIRDER



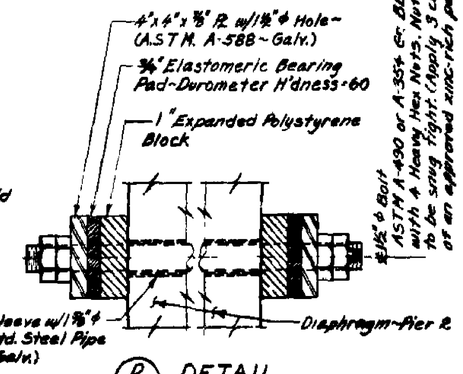
(C/8) SECTION
Pier 2 Diaphr.



(H/8) SECTION
Caulking material shall be synthetic closed cell sponge rubber cemented to one surface.



(E/8) SECTION
Intermed Diaphr



(R/8) DETAIL
Earthquake Restrainer Assembly - See Sheets 7 & 8 for location.

AS-BUILT CHANGES IN RED 7-13-84

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

TYPICAL ROADWAY SECTION & DIAPHRAGMS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

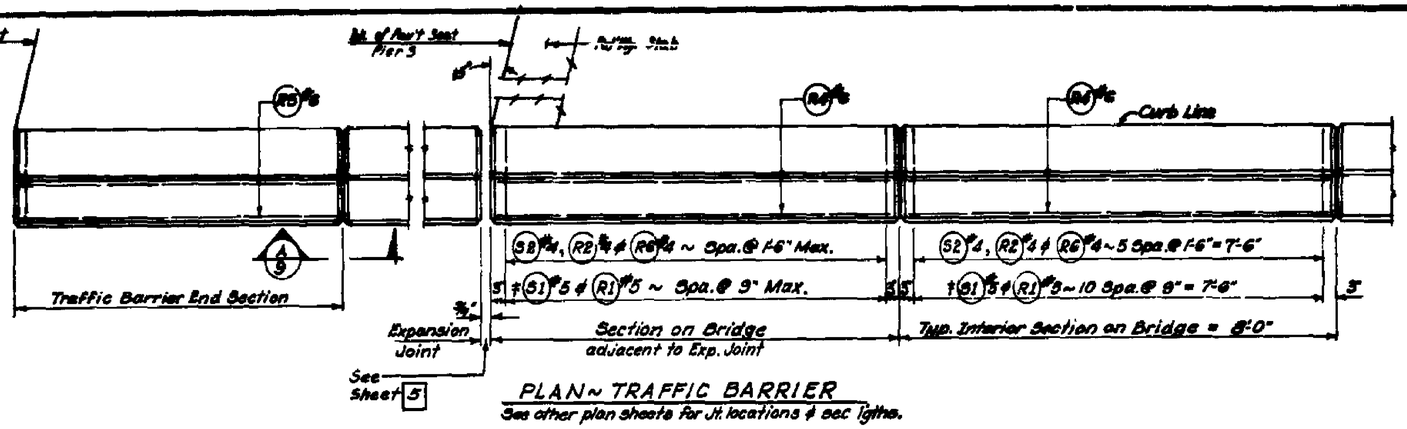
W. A. BAILEY — SECRETARY

APPROVED March 21, 1980

CONTRACT NUMBER 1999 — SHEET 75 OF 78 SHEETS — 8

SR 3 JOB NO. 5317 SHEET 8 of 10

SR 3/92

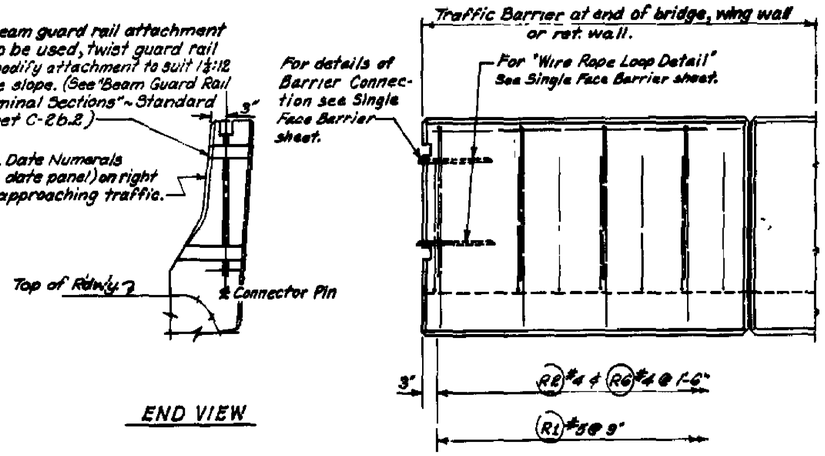


PLAN ~ TRAFFIC BARRIER

See other plan sheets for Jt. locations & sec. lights.

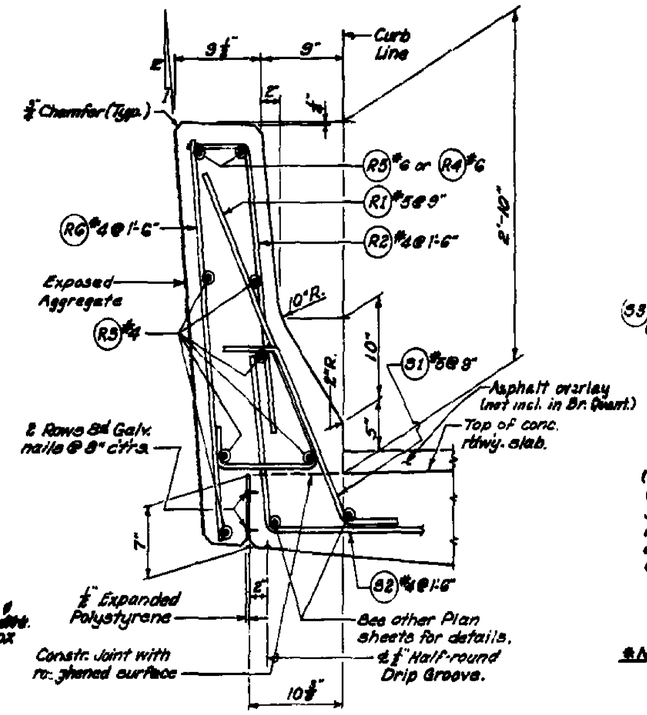
CONDUIT NOTES:

Install #12 Galv. Iron pull wire in all conduit runs.
All conduit shall be Galvanized Rigid Conduit of size indicated on "Layout" sheet.*
Install all conduit runs to drain to a bridge end or provide Drain @ any low point in conduit run on bridge.
* As an alternate, the use of rigid non-metallic PVC (Grade 40) conduit may be allowed. If the contractor elects to use this alternate, he shall submit modified details to the engineer for approval.
Stub & cap conduit ends 1'-6" below roadway @ bridge ends.

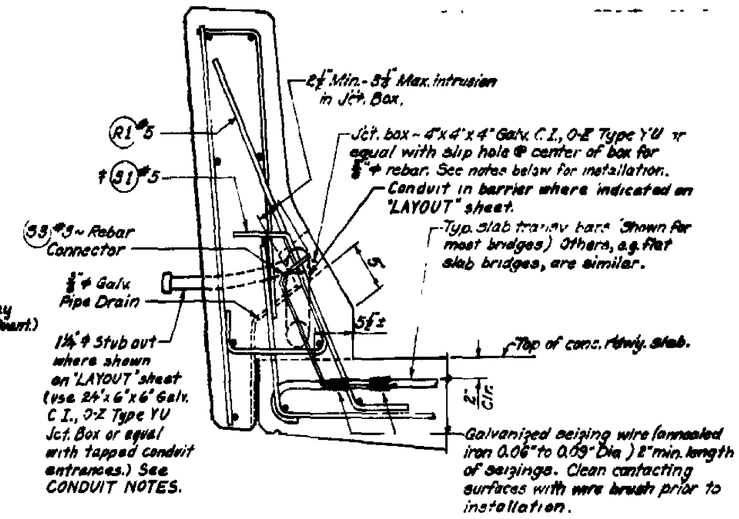


END VIEW

OUTSIDE ELEVATION
END OF TRAFFIC BARRIER



TYPICAL SECTION ~ TRAFFIC BARRIER



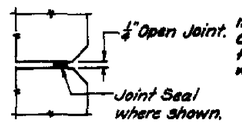
SECTION ~ REBAR CONNECTION *

For Electrical Resistivity Testing.

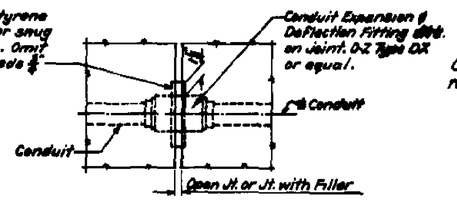
* NOTE: This detail does not apply to structures using epoxy coated reinforcing bars.

INSTALLATION NOTES

1. Insulate around ⅝" ϕ rebar in slip hole with approved mastic.
2. On each side of the roadway, the max. spacing btwn. jct. boxes or from a jct. box to an expansion jt. or bridge end shall be 200 feet. For bridges 400 feet or less in length without intermediate expansion joints, one jct. box shall be installed on each side of the roadway at approx. the mid-length of the structure. The jct. boxes shall be no closer than 1'-4" to a vertical joint in the barrier.
3. Adjust bars S1 & R1 to clear jct. box if necessary.
4. Where rdwy. slab transv. bars are on skew, bend bars S3 @ connection to line with box.

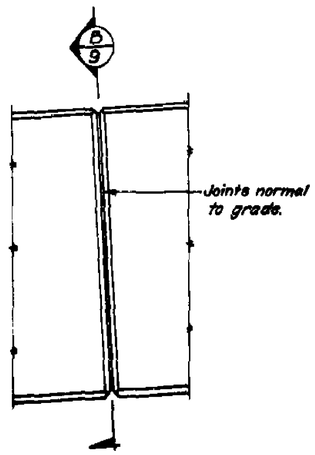


SECTION 2-2



CONDUIT EXPANSION FITTING ~ TYPE-1

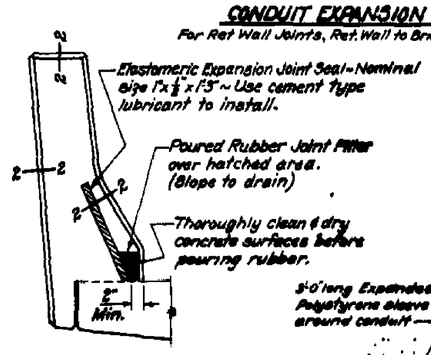
For Ret. Wall Joints, Ret. Wall to Bridge Joints & others as specified.



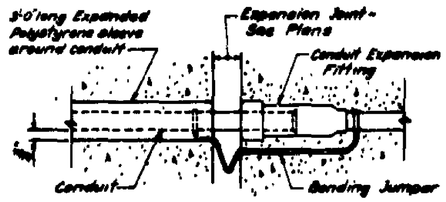
VIEW A/9

All chamfers ¾".

NOTE: See "Layout" for applicable face treatment.



SECTION B/9



CONDUIT EXPANSION FITTING ~ TYPE 2

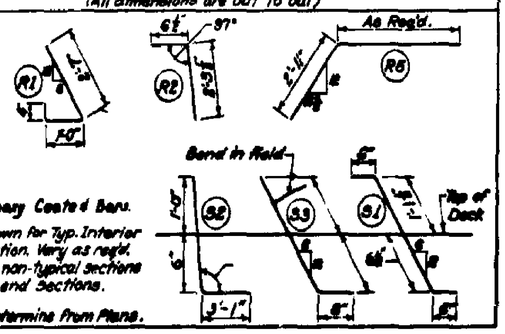
Conduit Fitting O-Z Type AX or equal for movement of ¾" Max.

TRAFFIC BARRIER BAR LIST

All reinforcing shall be A.S.T.M. A-615, Gr. 60.

MARK	SIZE	LENGTH	BENDING DIAGRAM (All dimensions are out to out)
R1	5	3'-8"	
R2	4	2'-9"	
R3	4	7'-8" Δ	Str.
R4	6	7'-8" Δ	Str.
R5	6	(a)	
R6	4	3'-1"	Str.
S1	5	2'-8"	
S2	4	4'-7"	

† Epoxy Coated Bars.
Δ Shown for Typ. Interior Section. Vary as req'd. for non-typical sections or end sections.
(a) Determine from Plans.



SR 3 MP 48.87 TO MP 51.90
LUOTO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY
FINN HILL ROAD UNDERCROSSING

TRAFFIC BARRIER

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BAILEY — HIGHWAY ENGINEER

APPROVED March 21, 1980

CONTRACT NUMBER 1898 — SHEET 76 OF 78 SHEETS — 9

DATE	REVISION	BY	APP'D
3-27-80	Editorial changes	Z.Y.F.	

S = Bar is included in substructure quantities.
F = Bar to be field welded
T = Tie or Stirrup
E = Bar is to be epoxy coated
V = Bar dimensions vary between dimensions shown on this line and the following line.

MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR	FLD WELD	SUBSTR	E-V-VARIES	NO. EACH	U Ft	U In.	W Ft.	W In.	X Ft	X In	Y Ft.	Y In.	Z Ft	Z In	θ_1 Deg	θ_2 Deg	LENGTH Ft	LENGTH In	WEIGHT Lbs.
	PIER 1																							
1	FOOTING TOP & BOT LONG	6	76	50			S			5	6.0											5	6.	628
2	FOOTING TOP & BOT TRANS	6	14	50			S			37	0.0											37	0.	778
3	ABUTMENT WALL VERT	6	72	54			S	V	2	4	3.0											5	1.	
										4	11.0											4	9.	532
4	ABUTMENT WALL HORZ	6	7	50			S			34	10.0											34	10.	366
5	ABUTMENT WALL TOP	6	36	80			S			1	6.5	2	0.0	2	0.0		3.0		3.0	90	90	5	3.	284
6	GIRDER STOP BLOCK	4	28	80			S			1	6.5	3	0.0	3	0.0		2.0		2.0	90	90	7	4.	137
7	GIRDER STOP BLOCK	4	8	50			S			5	4.0											5	4.	28
7	GIRDER STOP BLOCK	4	4	50			S			1	5.0											1	5.	4
	PIER 2																							
10	FOOTING BOT LONG	7	24	50			S			11	8.0											11	8.	572
11	FOOTING TOP LONG	5	24	50			S			11	8.0											11	8.	242
12	FOOTING BOT TRANS	6	12	50			S			15	8.0											15	8.	282
13	FOOTING BOT TRANS	5	12	50			S			15	8.0											15	8.	196
14	COLUMN VERT	10	44	54			S			25	7.0											27	2.	5144
15	COLUMN VERT PED	6	2	50			S			22	11.0											22	11.	49
16	COLUMN VERT PED	6	4	83			S			13	8.0	4	9.0									38	4.	626
16	COLUMN HORZ TIES	6	28	83	T		S			11	8.0	2	8.0									30	4.	1006
17	COLUMN HORZ TIES	6	56	57	T		S			11	9.0											12	10.	1000
18	COLUMN TIES	4	192	57	T		S			2	1.0											3	0.	385
#19	XBEAM TOP HORZ	10	10	50			S			32	6.0											33	6.	1398
20	XBEAM HORZ	6	6	50			S			33	8.0											33	8.	333
21	XBEAM HORZ MIDDLE	4	1	50			S			33	8.0											33	8.	51
22	XBEAM BOT	6	4	50			S			33	8.0											33	8.	202
23	XBEAM STIRR	5	44	61	T		S	V	2	3	8.0	3	2.0	3	2.0		6.0		6.0			10	7.	
										7	8.0	1	8.0	1	8.0		6.0		6.0			7	7.	417
24	X-BEAM GIRDER STOP	4	56	70	T					1	11.0	2	0.0	2	9.0							6	9.	252
25	X-BEAM GIRDER STOP	4	16	50						5	2.0											5	2.	55
26	X-BEAM STIRRUPS	5	44	56	T			V	4	3	2.0											3	11.	
										2	9.0											2	5.	145
27	X-BEAM STIRRUPS	5	44	56	T					5	8.0											4	5.	205
28	X-BEAM HORIZ	10	10	56						33	4.0											36	7.	1574
29	PIER 2 CURTAIN WALL	4	8	80						9	3.0	3	9.0		8.0		2.0		0.0	96	0	8	2.	44
30	PIER 2 CURTAIN WALL	4	8	80						8	9.0											8	9.	20
	PIER 3																							
31	FOOTING TOP LONG	5	44	80			S			9	6.0											9	6.	436
32	FOOTING BOT LONG	7	44	80			S			9	6.0											9	6.	854
33	FOOTING TOP TRANS	5	20	80			S			23	0.0											23	0.	480
34	FOOTING BOT TRANS	8	10	50			S			43	6.0											43	6.	1161
35	ABUT WALL VERT	8	142	54			S			14	9.0											15	7.	3842
36	ABUT WALL VERT	6	36	80			S			14	1.0		0.0	1	4.0		0.0		4.0		76	15	3.	839
37	ABUT WALL TIES	4	72	57	T		S	V	18	1	5.0											2	4.	
			36							3	0.0											3	11.	150
41	ABUT WALL HORZ	7	34	51			S			21	0.0											21	10.	1473
44	ABUT WALL TOP	4	36	80			S			1	6.0	2	0.0	2	0.0		2.0		2.0	90	90	5	3.	126
45	GIRD STOP BLOCK	4	8	50			S			5	4.0											5	4.	28
46	GIRD STOP BLOCK	4	4	80			S			1	10.0	3	0.0	3	0.0		2.0		2.0	90	90	7	7.	20
47	GIRD STOP BLOCK	4	28	80			S			1	6.0	3	0.0	3	0.0		2.0		2.0	90	90	7	3.	136
48	PIER 2 X-BEAM	3	33	63							2.0	2	3.0	2	3.0		7.5		7.5			5	7.	69
49	PIER 2 X-BEAM	6	1	50			S			32	0.0											32	0.	48
	WING WALLS																							
50	WING WALL DOWELS	8	4	80			S			7	0.0	3	5.0	2	0.0		4.0		4.0	166	90	12	8.	135
51	WING WALL DOWELS	6	4	54			S			9	7.0											10	5.	63
52	WING WALL DOWELS	6	20	54			S			4	6.0											5	4.	160
53	WING WALL VERTICAL	8	20	50			S			16	3.0											16	3.	488
54	WING WALL HORIZONTAL BOT	5	8	80			S			4	5.0	1	3.0	1	3.0		2.0		2.0	90	75	6	8.	56
54	WING WALL HORIZONTAL BOT	5	8	80			S			5	1.0	1	3.0	1	3.0		2.0		2.0	90	105	5	5.	45
55	WING WALL HORIZONTAL BOT	6	8	92			S						8.0	4	6.0		2.0		2.0	142	90	0	10.	10
55	WING WALL HORIZONTAL BOT	6	8	92			S						8.0	5	10.0		2.0		2.0	128	90	0	10.	10
56	WING WALL CORNER TIES	7	20	52			S	V	2	1	7.0											3	3.	
										5	8.0											7	4.	188
56	WING WALL CORNER TIES	7	10	52			S	V	2	4	7.0											4	3.	
										7	5.0											9	1.	157
57	WING WALL AT END	8	4	90			S			13	9.0											13	9.	147
58	WING WALL AT END	5	8	54	T		S			9	4.0											9	11.	55
61	WING WALLS AT BOT	8	4	51			S			21	4.0											22	3.	234
62	WING WALLS INSIDE FACE	8	6	51			S			21	4.0											22	3.	356
63	WING WALLS INSIDE FACE	8	14	51			S	V	2	14	4.6											15	4.	
										20	0.0											20	11.	678
64	WING WALLS INSIDE FACE	6	8	50			S	V	2	7	10.0											7	10.	
										13	4.0											13	4.	127
65	WING WALLS OUTSIDE FACE	5	2	50			S			21	4.0											22	4.	96
66	WING WALLS OUTSIDE FACE	5	14	50			S	V	1	7	10.0											7	10.	
										19	8.0											19	8.	281
67	WING WALLS AT TOP	5	8	50			S	V	4	2	3.0											2	3.	
										15	11.0											15	11.	114
68	WING WALLS AT TOP	8	4	80			S			20	4.0		8.0	5	5.0		8.0		4.0		76	23	3.	290
71	WING WALLS AT TOP	6	4	80			S			14	7.0											14	7.	88
72	WING WALLS VERT OUTSIDE FACE	4	44	80			S	V	2	3	0.0		0.0		0.5		0.0		1.5		85	4	1.	
73										13	0.0		0.0	1	0.0		0.0		1.5		85	14	5.	272
75	WING WALLS VERT INSIDE FACE	5	44	65	T		S	V	2		8.5	2	3.0									2	10.	
										1	0.0	11	3.0									12	8.	554
76	WING WALLS CURB TIES	5	44	80			S			1	2.0	2	0.0		5.5		2.0		2.0	153	117	3	7.	164
77	WING WALLS BOTTOM	4	2	80	T		S			1	10.0	2	0.0	2	3.0		1.5		1.5	75	105	5	8.	8

S = Bar is included in substructure quantities.
F = Bar to be field welded.
T = Tie or Stirrup
E = Bar is to be epoxy coated
V = Bar dimensions vary between dimensions shown on this line and the following line.

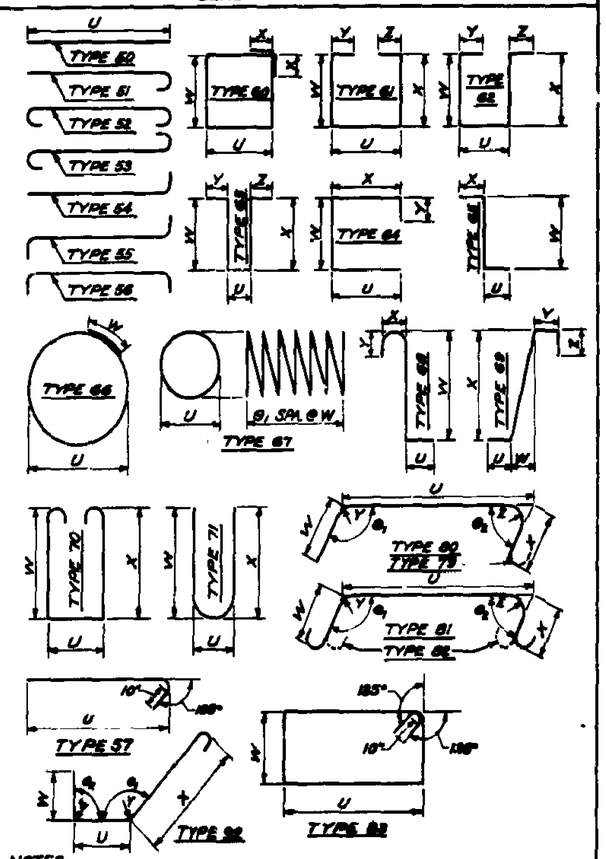
MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR	FLD WELD	SUBSTR	E-V-VARIES	NO. EACH	U Ft	U In	W Ft.	W In.	X Ft	X In	Y Ft.	Y In.	Z Ft	Z In	θ_1 Deg	θ_2 Deg	LENGTH Ft	LENGTH In	WEIGHT Lbs.
80	INTERIOR DIAPHRAM INTERMI	2	60							28	4.0											28	4.	301
80	INTERIOR DIAPHRAM MEDIATE	11	2	90						29	3.0											29	3.	311
81	INTERIOR DIAPHRAM & PR 2	4	48	90						5	8.0											5	8.	782
82	INTERIOR DIAPHRAM	8	2	50						29	3.0											29	3.	156
83	INTERIOR DIAPHRAM STIRRUPS	4	36	71							5.0	3	5.0	3	5.0							7	0.	262
84	INTERIOR DIAPHRAM STIRRUPS	4	10	71							5.0	2	3.0	2	3.0							4	8.	25
85	INTERIOR DIAPHRAM	7	8	50						31	2.0											31	2.	510
89	END DIAPHRAM HORZ BOT PIER 1	6	2	50						35	0.0											35	0.	135
90	END DIAPHRAM HORZ BOT PIER 3	6	2	50						35	11.0											35	11.	138
91	END DIAPHRAM HORZ PIER 1	4	8	50						34	8.0											34	8.	185
92	END DIAPHRAM HORZ PIER 3	4	8	50						35	11.0											35	11.	192
93	END DIAPHRAM STIRRUPS 163	4	34	65	T						9.0	5	8.0		9.0							7	0.	255
94	END DIAPHRAM STIRRUPS 163	4	34	66	T						9.0	8	8.0		9.0		0.0					10	0.	361
95	PAVEMENT SEAT HORIZ 163	4	16	50						5	8.0											5	8.	61
96	PAVEMENT SEAT HORIZ 163	4	3	50						33	6.0											33	6.	67
97	PAVEMENT SEAT TIES 163	4	118	56	T					1	6.0											2	1.	164
98	END DIAPHRAM HORZ TOP PR 1	6	2	50						35	0.0											35	0.	105
99	END DIAPHRAM HORZ TOP PR 3	6	2	50						35	11.0											35	11.	108
100	HANGER INSERT	4	44	50						2	6.0											2	6.	73
101	DIAPHRAM PR 2 BOT & MIDDLE	7	16	50						29	0.0											29	0.	476
102	DIAPHRAM PR 2 TOP	6	14	50						36	6.0											36	6.	768
103	DIAPHRAM PR 2 STIRRUPS	4	56	62							10.0	2	5.0	2	5.0		9.0		9.0			6	8.	249
104	DIAPHRAM PR 2 STIRRUPS	4	8	62							10.0	1	8.0	1	8.0		9.0		9.0			5	2.	28
110	SLAB TRANS BOTT	5	216	50						32	0.0											32	0.	7209
111	SLAB TRANS BOTT	5	64	50				V	4	31	0.0											31	0.	
										5	3.0											5	3.	1210
112	SLAB TRANS TOP	5	216	51						15	0.0											15	7.	3511
112	SLAB TRANS TOP	5	216	51						23	3.0											23	0.	5182
114	SLAB TRANS TOP	5	64	51				V		31	0.0											31	7.	
										5	3.0											5	10.	1249
115	SLAB LONG BOT SPAN 1	5	32	50						32	4.0											32	4.	1079
116	SLAB LONG BOT SPAN 1	4	4	50						32	4.0											32	4.	86
117	SLAB LONG BOT SPAN 2	5	32	50						40	0.0											40	0.	1335
117	SLAB LONG BOT SPAN 2	5	32	50						30	0.0											30	0.	1001
117	SLAB LONG BOT SPAN 2	5	32	50						26	0.0											26	0.	869
118	SLAB LONG BOT SPAN 2	4	12	50						33	0.0											33	0.	269
119	SLAB LONG TOP SPAN 2	5	96	50						32	0.0											32	0.	3294
120	SLAB LONG TOP SPAN 1	5	32	50						32	4.0											32	4.	1070

STEEL REINFORCING BAR QUANTITIES NOT INCLUDED IN THIS BAR LIST

TRAFFIC BARRIER TOTAL WEIGHT 5300

FED ROAD DIV NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
10	WASH	H-TI-43(5)		77	78

BENDING DIAGRAMS



NOTES:

1. All reinforcing bars on this sheet shall be A.S.T.M. A-615. Grade 60 unless shown otherwise.
2. Reinforcing for traffic barrier is not shown in this Bar List. See Traffic Barrier sheet.
3. Bend for transverse bars due to roadway crown conditions have not been shown. These bars shall be bent as required to conform to the configuration of the structure.

See (F/3) for Anchor Detail

AS-BUILT CHANGES IN RED 7-13-84

SR 3 MP 48.87 TO MP 51.90

LUOTO ROAD INTERCHANGE TO SR 305 INTERCHANGE

KITSAP COUNTY

FINN HILL ROAD UNDERCROSSING

BAR LIST

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BAKER — SECRETARY

DATE March 31, 1980

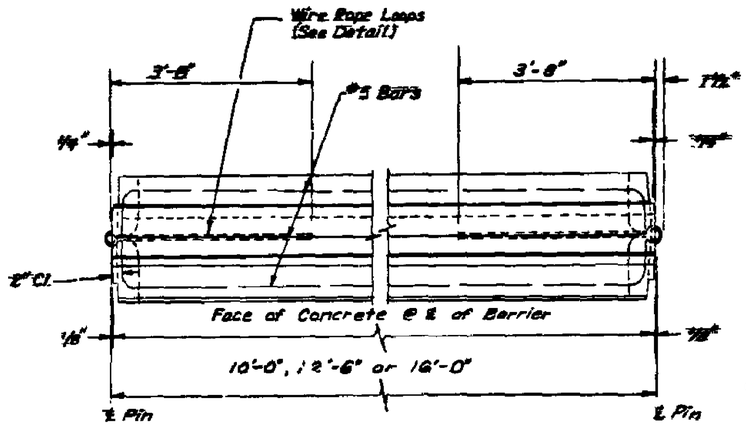
CONTRACT NUMBER 1995

SHEET 77 OF 78 SHEETS

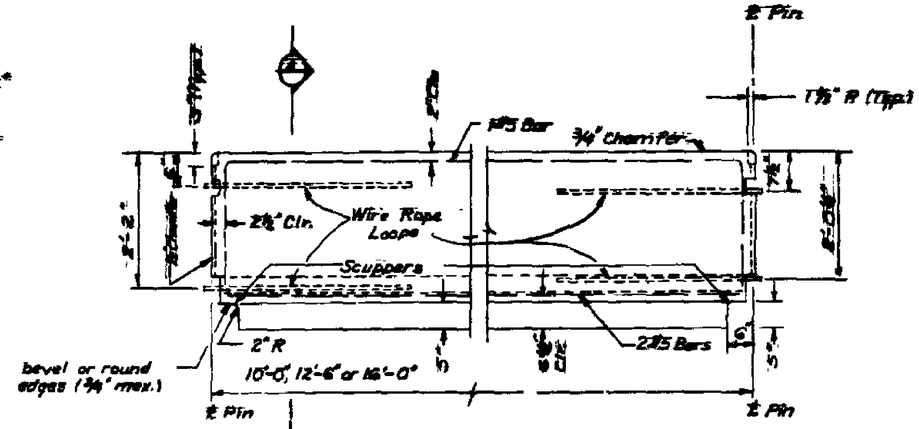
10

FED. ROAD DIV. NO	STATE	FED. AID PROJ. NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
10	WASH	N-TI-43(5)	78	78	78

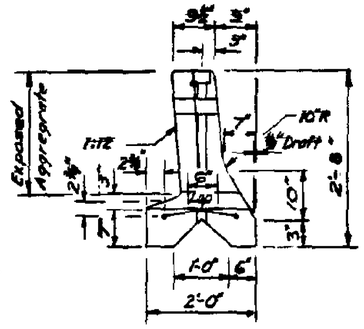
80W019



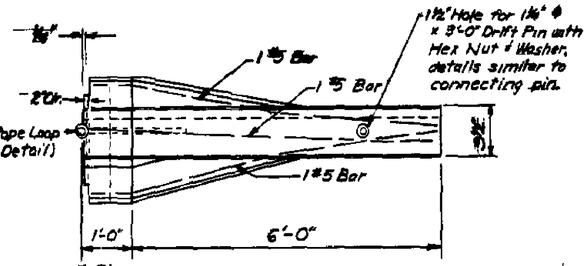
INTERMEDIATE PLAN



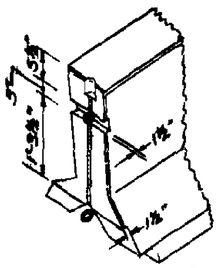
INTERMEDIATE ELEVATION



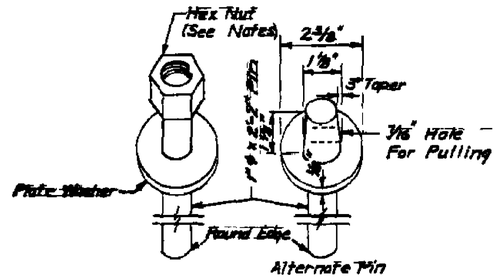
SECTION (A)



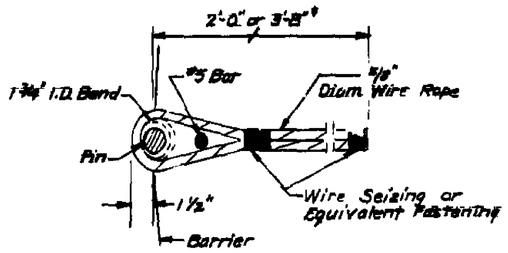
TERMINAL PLAN



SECTION (B)



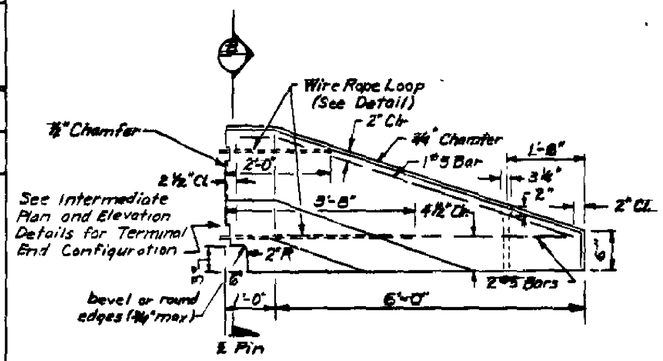
CONNECTING PINS



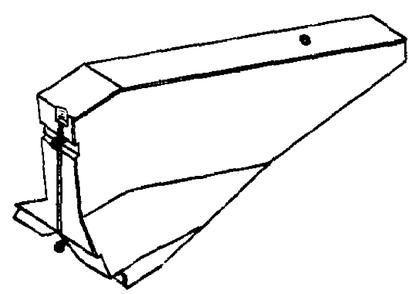
WIRE ROPE DETAIL

*Use 2'-0" length for terminal section "upper wire rope loop; 3'-8" length for all other placements."

Notes:
To facilitate Pin removal, thread Hex Nut half way onto the Pin and tack weld, or provide a Coupling Nut, tightened sufficiently to prevent loosening. Fill nut with grease to exclude ice or other contaminants.



TERMINAL ELEVATION



TERMINAL VIEW

SR 3 MP 48.87 TO MP 51.90
SUQUO ROAD INTERCHANGE TO
SR 305 INTERCHANGE
KITSAP COUNTY

SINGLE-FACED BARRIER DETAILS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

APPROVED March 21, 1980

DATE	REVISION	BY	APP'D	DATE	REVISION	BY	APP'D
5-7-80	Rev. Dim. Sect (A) & Term. Elev. Details		R.B.				

SR 3 JOB NO. 8122 SHEET 11

Layout By: Layout Checked By: Bridge Architect
Designed By: Design Checked By: Detailed By:
Engineer of Bridge Design: Supervising Bridge Engr: Reviewed By:

129/103

FINN ... SINGLE FACE BARRIER

SR 3/92