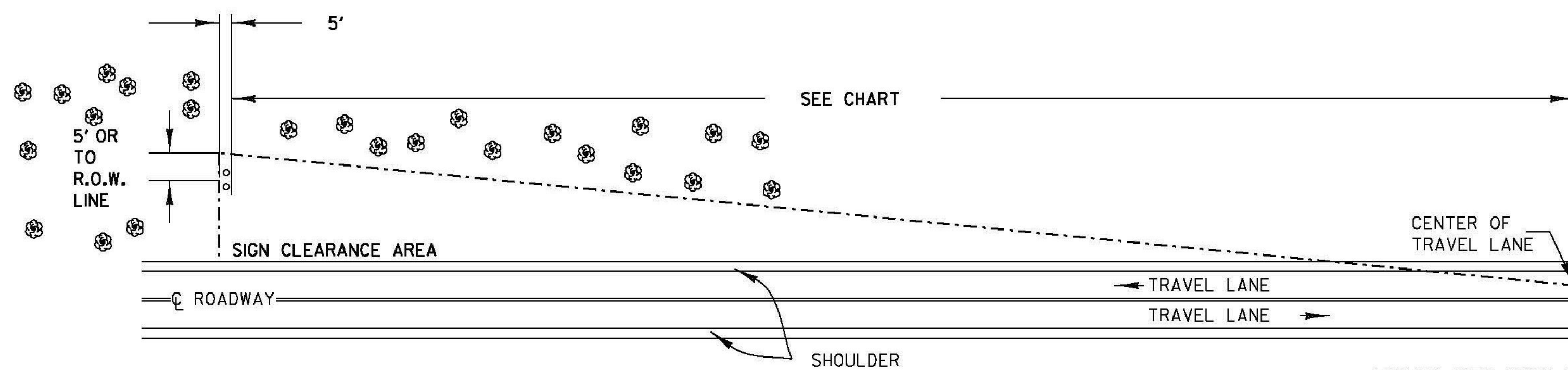


STATION	SIZE (IN)	TYPE	COVER (FT)		CONDITION
			LEFT	RIGHT	
BETHEL					
124+44	24	CMP	3.40	8.10	GOOD
134+94	18	RCP	5.80	6.60	GOOD
140+22	15	RCP	7.30	7.70	GOOD
143+46	8'x2'	CONC	12.40	3.80	GOOD
145+56	24	CMP			GOOD
150+40					BURIED
152+50	15	RCP	6.10	11.00	GOOD
154+22	24	CPEP	6.00	11.40	GOOD
155+75	24	RCP	6.80	9.40	FAIR
163+06	30	CMP	10.50	18.90	GOOD
180+45	6'x5'	CONC.	7.10	11.20	GOOD
185+40	15	RCP	2.80	4.20	GOOD
191+67	18	RCP	5.90	6.90	GOOD
209+81	18	RCP	2.70		FAIR
214+37	15	CMP	5.60	4.30	POOR
215+70			1.90	4.50	POOR
217+37	24	CMP	4.43	2.74	FAIR
218+70	18	CMP	3.80	3.10	GOOD
220+49	15	RCP	5.40	4.00	POOR
226+98	3'x4'	CONC.	7.20	7.90	GOOD
238+71	7'x4'	CONC.			GOOD
242+29					GOOD
264+76	15	CMP	2.80	6.20	GOOD
269+66	5'x6'	CONC.	6.60	7.10	GOOD
295+07	15	RCP	3.80	3.30	GOOD
300+14	18	CMP	5.90	2.60	GOOD
302+43	15	RCP	4.90		FAIR
307+40	3'x3'	CONC.	10.00	12.00	GOOD
311+90	15	RCP	4.70		GOOD
316+69	3'x4'	CONC.	13.00		GOOD
317+86	18	RCP	4.30	8.00	GOOD
321+54	18	CMP	3.70	4.40	GOOD
325+81	12	CMP	4.20	8.00	FAIR
344+94	18	RCP	5.00	11.50	GOOD
349+73	15	RCP	6.20		GOOD
350+32	18	RCP			GOOD
353+16	18	RCP	3.40		GOOD
355+64	18	RCP	6.50	18.20	GOOD
358+65			4.40	12.20	
366+02	4'x4'	CONC.	7.00		GOOD
RANDOLPH					
A 3+57	2.5'x6'	CONC.	11.20	23.90	GOOD
A 8+20	15	RCP	5.20	6.50	GOOD
A 11+95	15	RCP	4.00	10.20	GOOD
A 14+00	15	RCP	3.80	6.20	
A 16+26	24	RCP	7.10	19.20	POOR
A 32+51	15	RCP	2.80	3.90	GOOD
A 40+63	30	RCP	7.20	15.20	POOR
A 50+07	24	RCP	10.80	12.70	GOOD
A 54+27	24	RCP	5.00	5.50	GOOD
A 64+90	84	CMP			GOOD
A 73+78	18	CMP	8.10	24.50	GOOD
A 76+78	18	CMP	8.44		GOOD

**EXISTING CULVERT INVENTORY**



THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS AND TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10 FT BELOW THE BOTTOM OF THE SIGN. PAYMENT WILL BE INCLUDED IN THE UNIT BID PRICE FOR CONTRACT ITEM 201.10 CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS. NO CHEMICALS (POISONS OR DEFOLIANTS) ALLOWED.

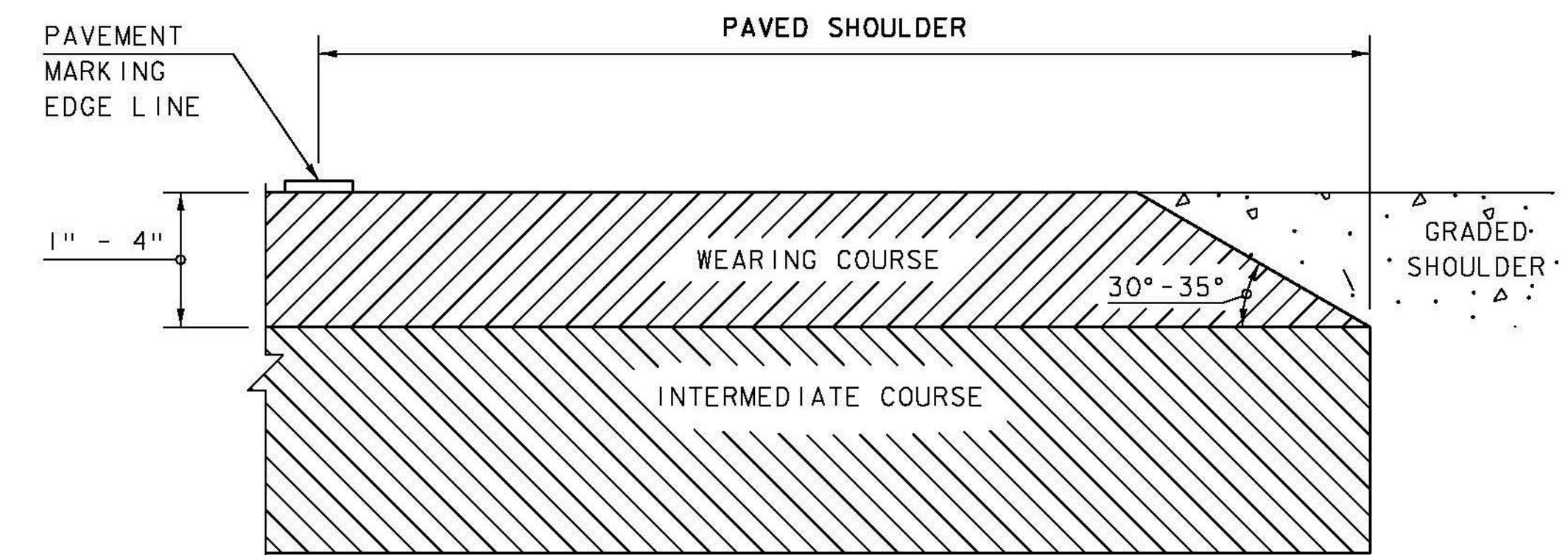
**THINNING AND TRIMMING FOR SIGNS DETAIL**

**RECOMMENDED ORDER OF OPERATIONS FOR RECLAIMED STABILIZED BASE WITH PORTLAND CEMENT PAVEMENT REHABILITATION**

STEP	DESCRIPTION	PAYMENT ITEM(S)
1	INSTALL 6 INCH UNDERDRAIN PIPE, DRAINAGE PIPES AND STRUCTURES	ITEM 605.10 "6 INCH UNDERDRAIN PIPE" MISC DRAINAGE PIPE AND STRUCTURE ITEMS PER PLANS
2	CONSTRUCT SIDE SLOPES	ITEM 900.680 "SPECIAL PROVISION (RSB SUPPLEMENTAL AGGREGATE MATERIAL)" ITEM 613.10 "STONE FILL, TYPE 1"
3	COLD PLANE EXISTING BITUMINOUS CONCRETE PAVEMENT 6 INCHES	ITEM 210.10 "COLD PLANING, BITUMINOUS PAVEMENT"
4	RECONSTRUCT SHOULDERS AS DIRECTED BY THE ENGINEER	ITEM 900.680 "SPECIAL PROVISION (RSB SUPPLEMENTAL AGGREGATE MATERIAL)"
5	RECLAIM EXISTING ROADBED 10" FROM TOP OF SLOPE TO TOP OF SLOPE USING WATER FOR STABILIZATION AND COMPACTION AND COMPLETE UNDERCUT AREAS AS DIRECTED BY THE ENGINEER	ITEM 203.15 "COMMON EXCAVATION" ITEM 900.680 "SPECIAL PROVISION (RSB SUPPLEMENTAL AGGREGATE MATERIAL)" ITEM 301.35 "SUBBASE OF DENSE GRADED CRUSHED STONE" ITEM 900.675 "SPECIAL PROVISION (RECLAIMED STABILIZED BASE)" ITEM 649.11 "GEOTEXTILE FOR ROADBED SEPARATOR"
6	CORRECT SUPERELEVATION DEFICIENCIES	ITEM 900.680 "SPECIAL PROVISION (RSB SUPPLEMENTAL AGGREGATE MATERIAL)" SEE NOTE 7 ON SHEET 7
7	PLACE PORTLAND CEMENT ON ROADBED SURFACE AND RECLAIM ROADBED 8", CURE, MICROCRACK, AND APPLY FOG SEAL SURFACE TREATMENT	ITEM 900.675 "SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)", ITEM 900.680 "SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)" AND ITEM 900.683 "SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)"
8	PLACE 4" COLD MIX RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT IN TWO LIFTS AND USE EMULSIFIED ASPHALT AS A LIQUID BINDER	ITEM 900.680 "SPECIAL PROVISION (AGGREGATE TO MEET COLD MIXED GRADATION)" ITEM 900.675 "SPECIAL PROVISION (COLD MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT)" ITEM 900.680 "SPECIAL PROVISION (PORTLAND CEMENT FOR COLD MIXED RECYCLING)" ITEM 900.683 "SPECIAL PROVISION (EMULSIFIED ASPHALT, COLD MIX WITH CEMENT)"
9	PLACE 1/2" TYPE IVS LEVELING COURSE	ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT"
10	PLACE 1 1/2" TYPE IVS WEARING COURSE	ITEM 490.30 "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT"

**NOTES:**

- THIS LIST OF PROCEDURES FOR REHABILITATING THE EXISTING ROADBED IS PRESENTED FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL PREPARE THEIR OWN SCHEDULE OF OPERATIONS TO COMPLETE THE PROPOSED WORK IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS WHILE UTILIZING THE APPROPRIATE PAY ITEMS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- DEPTH OF SHOULDER PAVEMENTS ARE NOT CERTAIN FOR THE LENGTH OF THE PROJECT, AS THE BORINGS ARE TAKEN IN THE CENTER OF THE TRAVEL LANES.



**SAFETY EDGE DETAIL**

**NOTE:**

- LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.
- THE EDGE OF PAVEMENT SHALL BE FORMED IN SUCH A WAY THAT THE BITUMINOUS CONCRETE PAVEMENT IS EXTRUDED OR COMPRESSED TO FORM THE 30 TO 35 DEGREE ANGLE. DEVICES THAT SIMPLY STRIKE-OFF THE MIX WITHOUT PROVIDING ANY COMPACTIVE EFFORT WILL NOT BE ALLOWED.
- THE PAVED SHOULDER EXTENDS FROM THE EDGE OF TRAVELED WAY TO THE EDGE OF THE WEARING COURSE, INCLUDING THE "SAFETY EDGE".

**MINIMUM SIGN SIGHT DISTANCE CHART**

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550

**NOT TO SCALE**

PROJECT NAME: BETHEL-RANDOLPH	PLOT DATE: 4/23/2015
PROJECT NUMBER: STP 2921(I)	DRAWN BY: S. LAMPHERE
FILE NAME: z10c244tvp.dgn	CHECKED BY: C. LATHROP
PROJECT LEADER: C. LATHROP	SHEET 12 OF 21
DESIGNED BY: S. LAMPHERE	
PROJECT TYPICAL SHEET 6	