

SHEET NUMBER	LOCATION	STATIONS	STATIONS	203	203	659	
				EXCAVATION	EMBANKMENT	SEEDING AND MULCHING, CLASS 3B	
				CY	CY	SY	
P.17	1	01+00.0	01+25.0		1	14	
P.17	1	01+25.0	01+50.0	8	1	50	
P.17-P.18	1	01+50.0	01+75.0	15	2	75	
P.18	1	01+75.0	02+00.0	20	3	98	
P.18-P.19	1	02+00.0	02+25.0	22	5	114	
P.19	1	02+25.0	02+50.0	10	8	80	
P.19-P.20	1	02+50.0	02+75.0	1	8	48	
P.20	1	02+75.0	03+00.0		6	42	
P.20-P.21	1	03+00.0	03+25.0	3	10	75	
P.21	1	03+25.0	03+50.0	10	11	110	
P.21-P.22	1	03+50.0	03+75.0	13	10	125	
P.22	1	03+75.0	04+00.0	11	13	136	
P.22	1	04+00.0	04+25.0	11	14	114	
P.22-P.23	1	04+25.0	04+50.0	7	15	67	
P.23	1	04+50.0	04+67.4		13	49	
P.24	2	10+14.4	10+50.0		1	18	
P.24	2	10+50.0	10+75.0		1	21	
P.24	2	10+75.0	11+00.0		1	21	
P.24-P.25	2	11+00.0	11+25.0		1	19	
P.25	2	11+25.0	11+50.0		11	44	
P.25	2	11+50.0	11+75.0		14	62	
P.25-P.26	2	11+75.0	12+00.0	1	6	50	
P.26	2	12+00.0	12+25.0	1	3	36	
P.26-P.27	2	12+25.0	12+50.0		4	25	
P.27	2	12+50.0	12+75.0		5	35	
P.27	2	12+75.0	13+00.0		5	47	
P.27-P.28	2	13+00.0	13+25.0		4	45	
P.28	2	13+25.0	13+50.0		4	44	
P.28	2	13+50.0	13+75.0		2	34	
P.28	2	13+75.0	14+03.9		1	22	
TOTALS CARRIED TO GENERAL SUMMARY				133	183	1720	

ITEM 659 - TOPSOIL:
THE APPLICATION RATE FOR THIS ITEM IS
111 CU YDS PER 1000 SQ YDS OF SEEDING

1720 SQ YD / 1000 = 1.7
1.7 X 111 CU YDS = 189 CU YDS

TOTAL CARRIED TO GENERAL SUMMARY:
ITEM 659 - TOPSOIL = 189 CU YD

ITEM 659 - COMMERCIAL FERTILIZER:
THE APPLICATION RATE FOR THIS ITEM IS
30 POUNDS PER 1000 SQ FT OF SEEDING.

1,720 SQ YD OF SEEDING AND
MULCHING (FROM TABLE)
1720 X 9 SQ FT / SQ YD = 15,480 SQ FT
15480 / 1,000 = 15.5

15.48 X 30 POUNDS = 464 POUNDS = 0.23 TONS

TOTAL CARRIED TO GENERAL SUMMARY:
ITEM 659 - COMMERCIAL FERTILIZER = 0.23 TON

ITEM 659 - LIME:
THE APPLICATION RATE FOR THIS ITEM IS
BASED ON THE AREA OF SEEDING.

1,720 SQ YD OF SEEDING AND
MULCHING (FROM TABLE)
1720 X 9 SQ FT / SQ YD = 15,480 SQ FT
15480 / 43,560 SQ FT / ACRE = 0.36 ACRE

TOTAL CARRIED TO GENERAL SUMMARY:
ITEM 659 - LIME = 0.36 ACRE

ITEM 659 - REPAIR SEEDING AND MULCHING:
THE APPLICATION RATE FOR THIS ITEM IS
5% OF THE SEEDING AREA.

1,720 SQ YD OF SEEDING AND
MULCHING (FROM TABLE)
1720 SQ YD X 0.05 = 86 SQ YDS

TOTAL CARRIED TO GENERAL SUMMARY:
ITEM 659 - REPAIR SEEDING = 86 SQ YD
AND MULCHING

ITEM 659 - INTER-SEEDING:
THE APPLICATION RATE FOR THIS ITEM IS
5% OF THE SEEDING AREA.

1,720 SQ YD OF SEEDING AND
MULCHING (FROM TABLE)
1720 SQ YD X 0.05 = 86 SQ YDS

TOTAL CARRIED TO GENERAL SUMMARY:
ITEM 659 - INTER-SEEDING = 86 SQ YD

ITEM 659 - WATER:
THE APPLICATION RATE FOR THIS ITEM IS
2 APPLICATIONS OF 300 GALLONS PER 1000
SQ FT OF SEEDING

1,720 SQ YD OF SEEDING AND
MULCHING (FROM TABLE)
1720 X 9 SQ FT / SQ YD = 15,480 SQ FT
15480 / 1,000 = 15.5
15.5 X 300 GAL. X 2 = 9,300 GALLONS = 9.30

TOTAL CARRIED TO GENERAL SUMMARY:
ITEM 659 - WATER = 9.30 M GAL

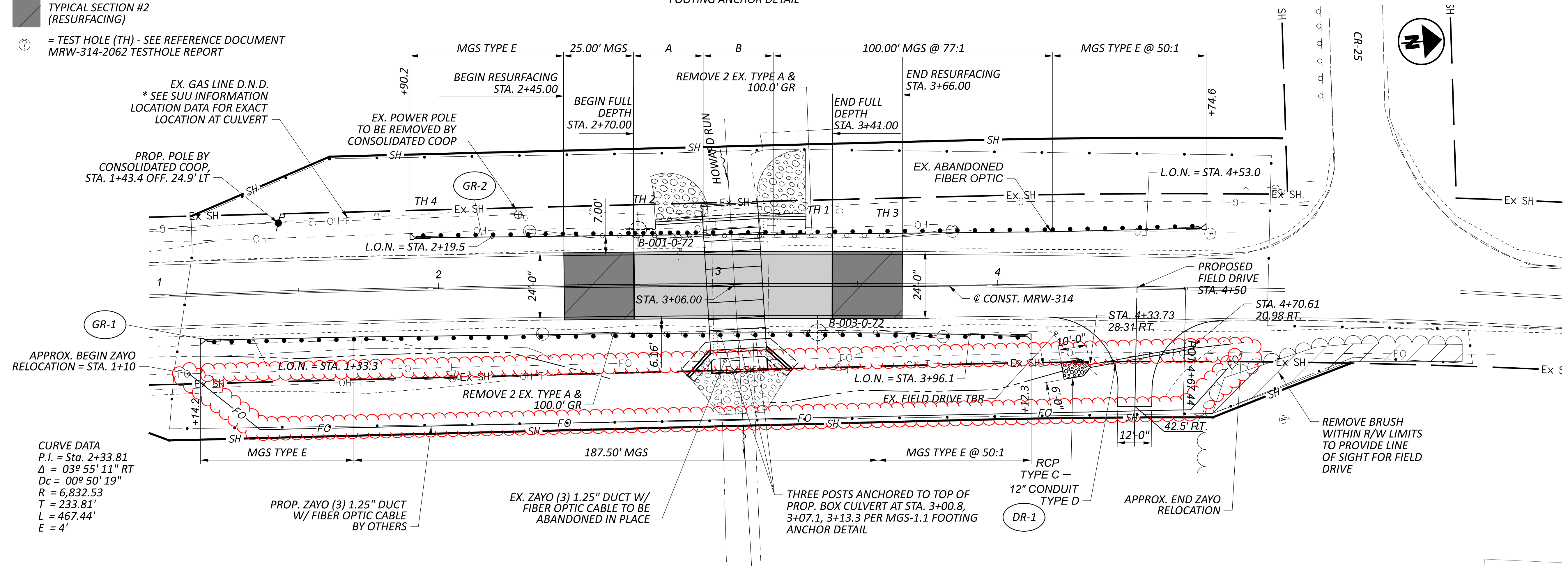


TYPICAL SECTION #1
(FULL DEPTH REPLACEMENT)

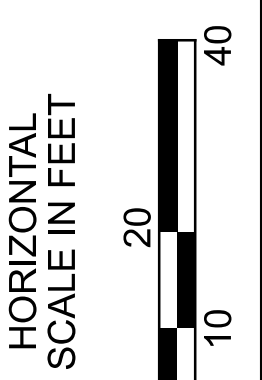
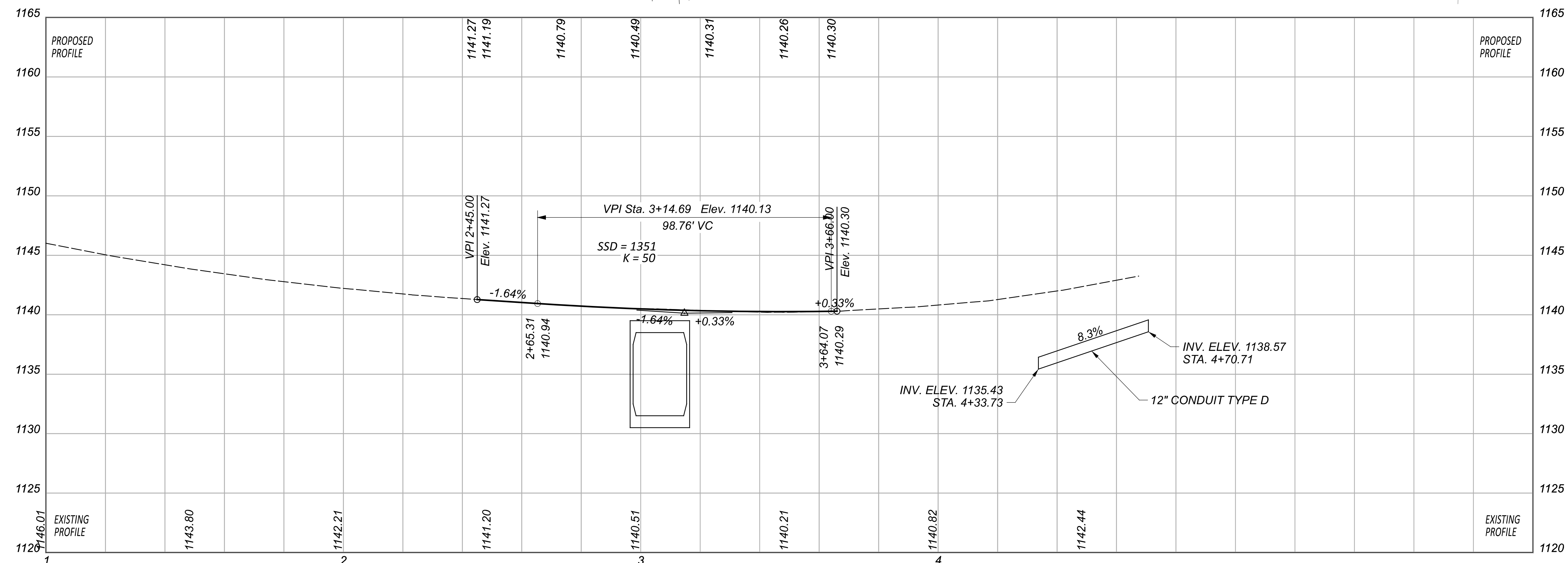
TYPICAL SECTION #2
(RESURFACING)

⊙ = TEST HOLE (TH) - SEE REFERENCE DOCUMENT
 MRW-314-2062 TESTHOLE REPORT

A = 25.00' MGS HALF POST SPACING
 B = 25.00' MGS, THREE POSTS ANCHORED TO TOP OF PROP.
 BOX CULVERT AT STA. 2+98.4, 3+04.7, 3+10.9 PER MGS-1.1
 FOOTING ANCHOR DETAIL



CURVE DATA
 P.I. = Sta. 2+33.81
 $\Delta = 03^\circ 55' 11''$ RT
 $D_c = 00^\circ 50' 19''$
 $R = 6,832.53$
 $T = 233.81'$
 $L = 467.44'$
 $E = 4'$



PLAN AND PROFILE - LOCATION 1
 STA. 4+00.00 TO STA. 4+67.44

DESIGN AGENCY



DESIGNER
 JPH

REVIEWER
 KLM 09/12/23

PROJECT ID
 96213

SHEET TOTAL
 P.15 P.54