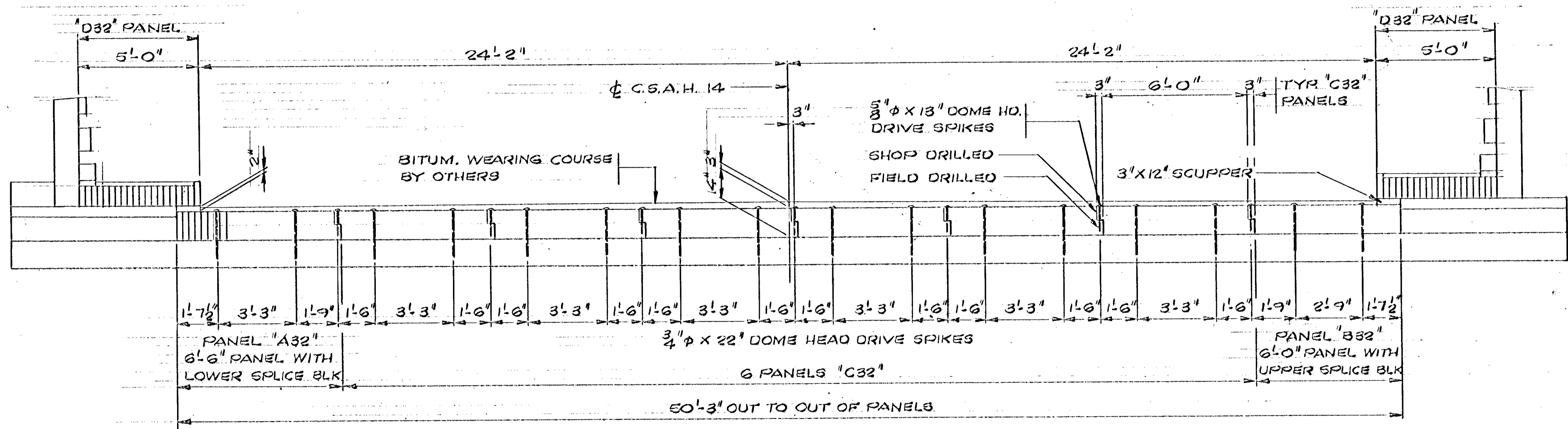


SECTION THRU SIDEWALK



TRANSVERSE SECTION AT ABUTMENT  
LOOKING SOUTH

BILL OF TREATED TIMBER FOR SUPERSTRUCTURE					
ITEM	NO	FIN	SIZE	LENGTH	F.B.M
RAIL	4	SEE NOTE 1	4X8	16'-0"	171
RAIL POST	12	R	6X12	4'-6"	324
"	2	"	8X12	4'-6"	72
CURB	4	649	8X8	16'-0"	341
SCUPPER - END	4	646	4X8	7'-0"	78
" - INT	6	645	4X8	2'-0"	32
RAIL	4	SEE NOTE 2	6X12	16'-0"	384
SCUPPER	6	"	3X12	9'-0"	162
TOTAL F.B.M FOR SUPERSTRUCTURE					1561

- RAIL TO BE SIS TO 4" AND S2E TO 7 1/2". RAIL TO BE ASSEMBLED WITH SURFACED AREA FACING  $\phi$  ROADWAY.
- RAIL TO BE SIS TO 6" AND S1E TO 11 3/4". RAIL TO BE ASSEMBLED WITH SURFACED AREA FACING UP AND  $\phi$  ROADWAY.
- SIS TO 3" H & M & S2E TO 11 1/2"

BILL OF HARDWARE FOR SUPERSTRUCTURE			
UNIT WT	NO.	ITEM	TOTAL WT
2.81	32	5/8" $\phi$ X 20" DM. HD. BOLT RAIL TO POST	90
1.67	10	5/8" $\phi$ X 18" " " " " " " " "	27
15.67	14	1/4" $\phi$ X 22" " " " " W/P WASHER POST TO CURB.	219
2.37	24	3/8" $\phi$ X 24" DM. HD. DR. SPIKES & POSTS	57
3.91	24	3/4" $\phi$ X 24" DM. HD. BOLT - CURB TO SIDEWALK PANEL	94
.70	56	4" $\phi$ SPLIT RING CONNG CURB BOLTS	39
4.29	20	3/4" $\phi$ X 27" DM. HD. BOLTS - SIDEWALK PANEL TO DECK	86
3.06	32	3/4" $\phi$ X 22" DM. HD. DR. SPIKES - FLR & CAP	98
1.45	126	5/8" $\phi$ X 13" " " " " " " " " CONN.	183
2.55	4	3/4" $\phi$ X 18" " " " " " " " " CURB TO S.W.	10
.85	44	3" X 3" X 1/8" WASHERS - FOR 3/4" BOLTS	37
.68	48	3" X 3" X 1/4" WASHERS - " " " "	33
2.81	4	3/4" $\phi$ X 20" DM. HD. DR. SPIKES - SIDE WALK PANEL TO DECK	11
2.55	8	3/4" $\phi$ X 18" DM. HD. DR. SPIKES - PANEL O32	20
TOTAL HARDWARE FOR SUPERSTRUCTURE			1004 LBS

PLANS PREPARED BY  
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C.S.A.H. 14 ANOKA COUNTY  
STATE OF MINNESOTA  
DEPARTMENT OF HIGHWAYS

BRIDGE NO. 02527  
SUPERSTRUCTURE DETAILS  
APPROVED 4-15-15