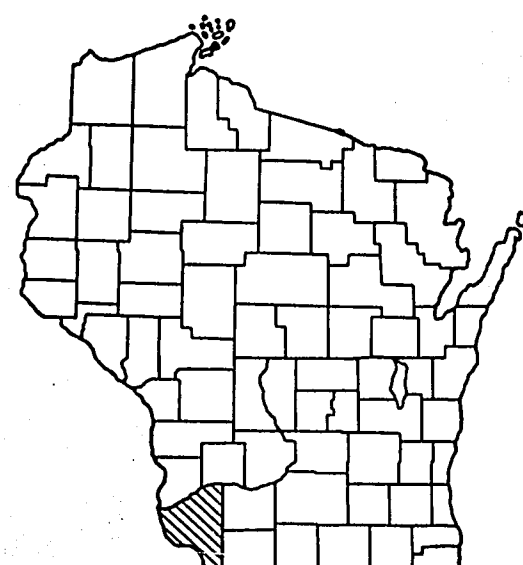


INDEX OF SHEETS

SHEET NO. 1 TITLE
 SHEET NO. 2 TYPICAL CROSS SECTIONS
 SHEET NO. 2 ESTIMATE OF QUANTITIES
 SHEET NO. 2 MISCELLANEOUS QUANTITIES
 SHEET NO. 3 RIGHT OF WAY PLAT
 SHEET NO. 4 PLAN AND PROFILE STA. 1+00 TO STA. 8+30
 SHEET NO. 5-7 STANDARD DETAILS
 SHEET NO. 8-9 DRAINAGE STRUCTURES
 SHEET NO. 10-13 CROSS SECTIONS

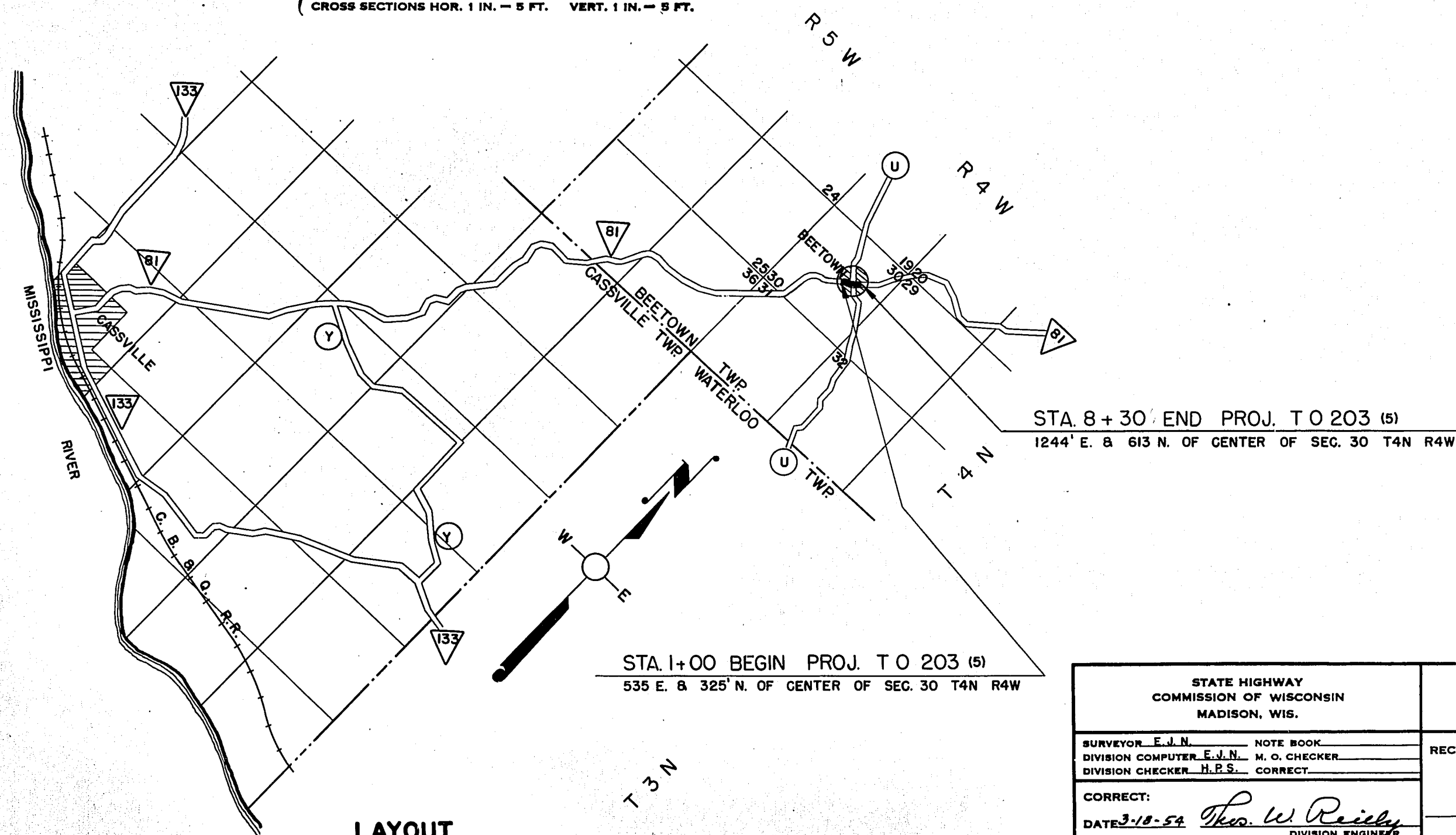


STATE OF WISCONSIN STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED CASSVILLE—BEETOWN ROAD

S.T.H. 81
 GRANT COUNTY
 PROJ. T O 203 (5)

SCALES
 PLAN 1 IN. = 50 FT.
 PROFILE HOR. 1 IN. = 50 FT. VERT. 1 IN. = 5 FT.
 CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



LAYOUT

SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.137 MI.

CONVENTIONAL SIGNS

STATE LINE.....	CULVERTS IN PLACE.....
COUNTY LINE.....	CULVERTS REQUIRED.....
TOWNSHIP OR RANGE LINE.....	DROP INLET.....
SECTION LINE.....	POWER POLE.....
NEW RIGHT OF WAY LINE.....	TELEPHONE OR TELEGRAPH POLE.....
PRESENT RIGHT OF WAY LINE.....	RIGHT OF WAY MARKERS.....
WIRE FENCE { WOVEN.....	REFERENCE STAKE FOR HUBS ONLY.....
BARBED.....	MARSH.....
LOT LINE.....	HEDGE.....
CORPORATE OR CITY LIMITS.....	TREES.....
PROPERTY LINE.....	GROUND ELEVATION..... DATUM LINE 73.9
TRAVELED WAY OR P.E.....	GRADE ELEVATION..... DATUM LINE 75.16
RAILROADS.....	
BASE OR SURVEY LINE.....	

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
22.2	203.0	21.5	WIS. 5N	1	13

STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.		DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
SURVEYOR E.J.N. DIVISION COMPUTER F.J.N. DIVISION CHECKER H.R.S.		NOTE BOOK M. O. CHECKER CORRECT	
CORRECT: DATE 3-18-54 <i>Thos. W. Railey</i> DIVISION ENGINEER		RECOMMENDED FOR APPROVAL: DISTRICT ENGINEER _____ DATE _____	
RECOMMENDED FOR APPROVAL: DATE 3/23/54 <i>J. B. Pelt</i> ENGINEER OF DESIGN		APPROVED: DIVISION ENGINEER _____ DATE _____	
APPROVED: DATE 3/24/54 <i>E. G. Kestian</i> STATE HIGHWAY ENGINEER			

K-43

T O 203 (5)

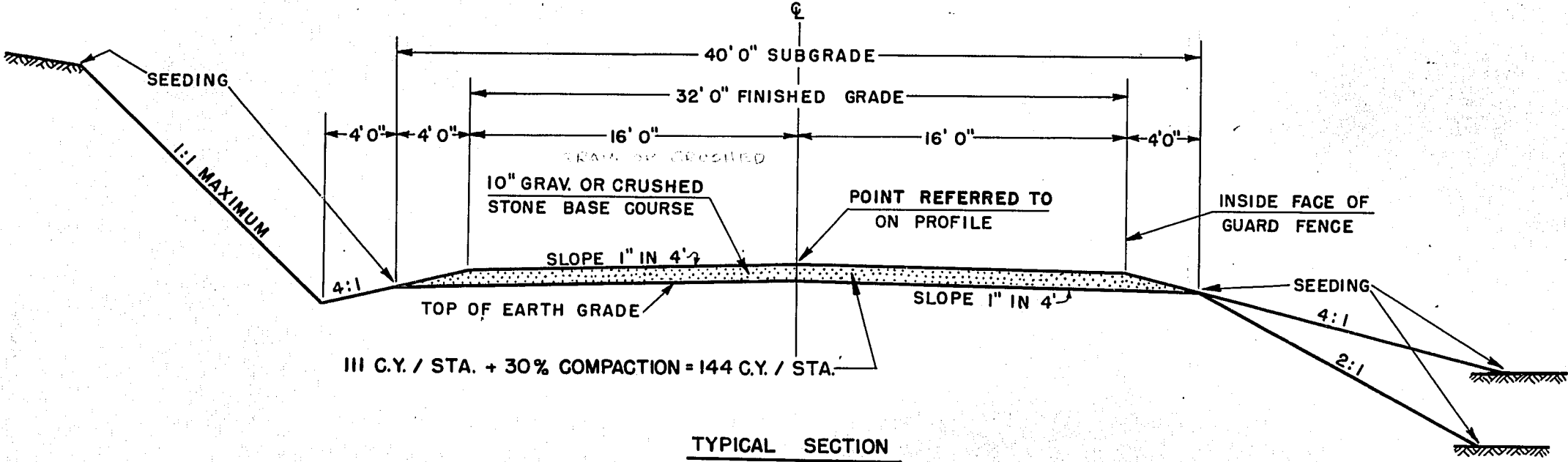
ESTIMATE OF QUANTITIES

CONTRACT NO. 1

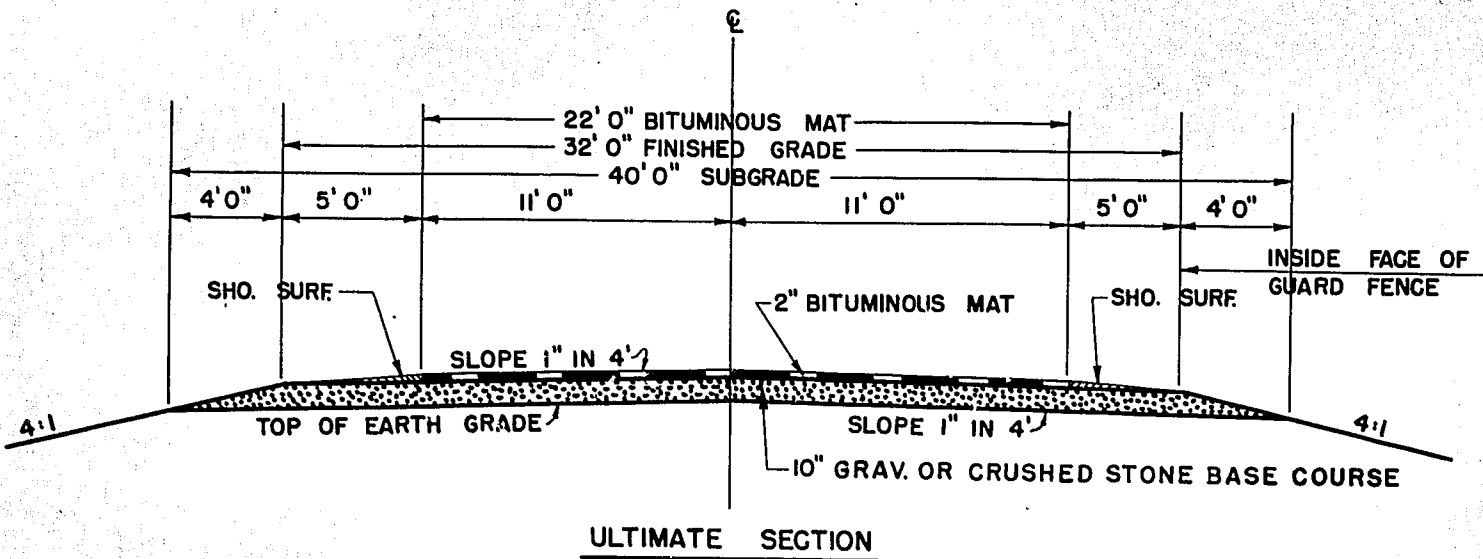
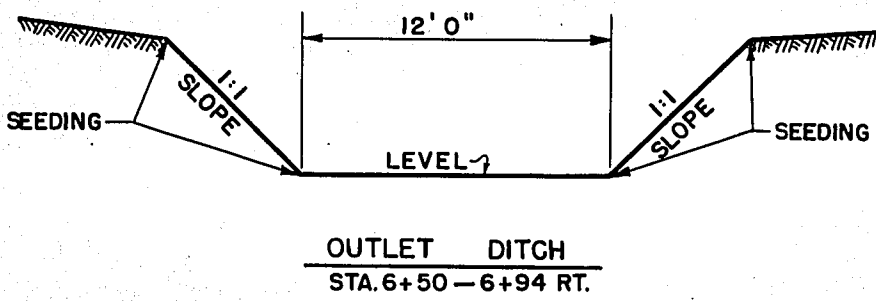
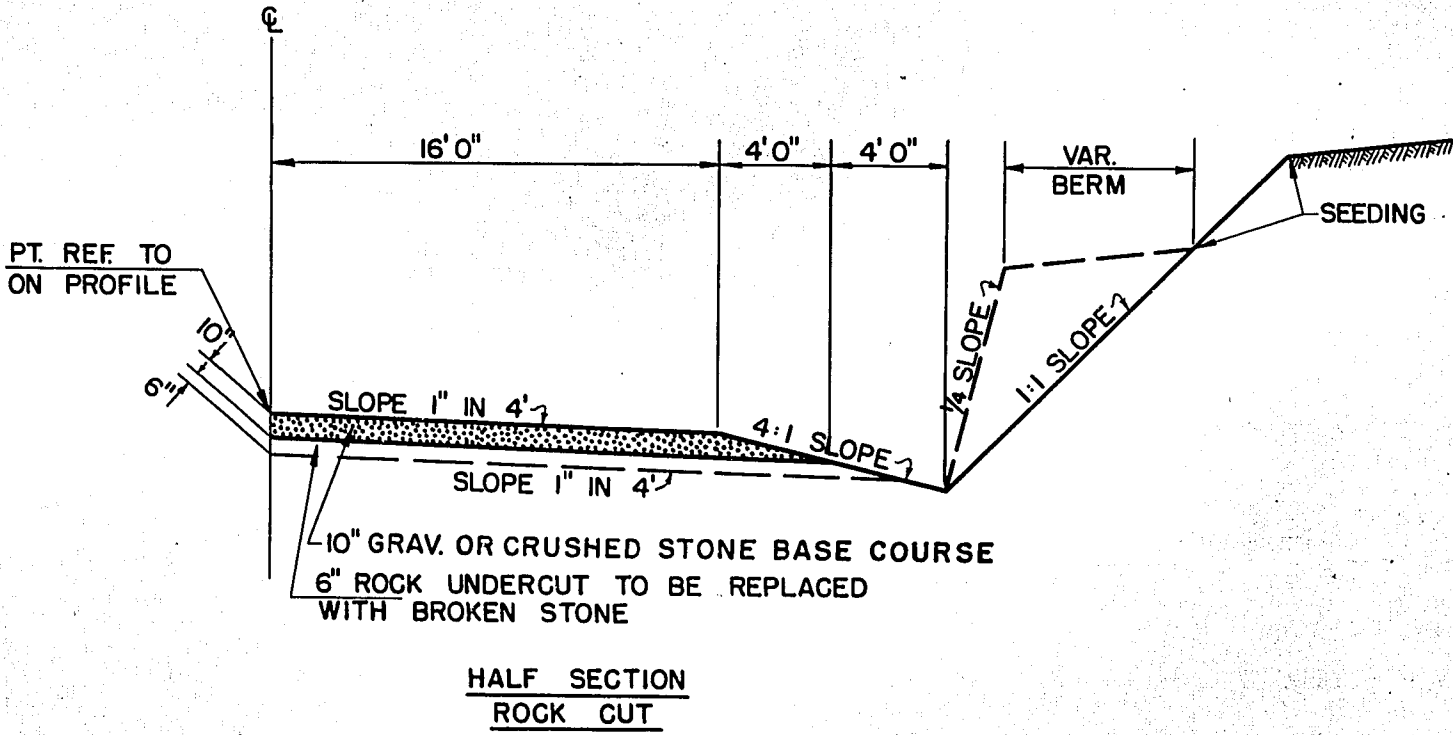
THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1951 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

PROJECT	SHEET NO.	TOTAL SHEETS
T0203 (5)	2	13

STATION TO STATION		NET LENGTH OF CENTER LINE	CLEAR- ING	GRUBB- ING	EXCAVATION			SAND GRAVEL FILL	FIN- ISHING ROAD- WAY	OBLIT- ERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE		CULVERT PIPE					RIP- RAP	GUARD FENCE		MARK- ER POSTS FOR R/W	BRIDGES (OVER 20 FT. SPAN)					CULVERTS (20 FT. SPAN & UNDER)					TOPSOIL				SEEDING				
					COM- MON	ROCK					24"								CLASSE STEEL PLATE BEAM			MARK- ER POSTS	EXCAV- ATION FOR STRUCT- URES	CON- CRETE MASON- RY	BAR STEEL REINF.	STRUCT- URAL CARBON STEEL	SHEET LEAD	EXCAV- ATION FOR STRUCT- URES	CON- CRETE MASON- RY	BAR STEEL REINF.	STRUCT- URAL CARBON STEEL	SHEET LEAD	SEED BEDS AND SOD	SAL- VAGED	FER- TIL- IZER					
ITEM NO.		2101-2	2101-5	2106-1	2106-2	210 -	2110-1	2114-1	2116-1	2203-1	23	2411-II					2512-1	2523-6	2523-	2523-3	2523-3		2107-1	2401-1	2406-2	2407-1	2407-9	2107-2	2404-1	2406-3	2407-1	2407-9					2601-I	2603-I	2605-I	2532-I
UNIT	LIN. FT.	IN. DIA	IN. DIA	C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.		EACH	EACH		G.Y.	G.Y.	LB.	LB.	LB.	G.Y.	G.Y.	LB.	LB.	LB.					SQ.YD.	SQ.YD.	CWT.	SQ. YD.
1+00—8+30		724.4	20	20	4018	5109		9.6		1302		30					250						130	162.0	18200	390	25	200	58.3	7770	100	7					2400			



TYPICAL SECTION



APPLICABLE DETAIL DRAWINGS TO BE USED ON THIS PROJECT ARE AS FOLLOWS:

- PRIVATE ENT. & SIDE ROAD APPROACHES - 1-3.1.1
- CLASS "B" STEEL PLATE BEAM GUARD - 7-2.4.1
- CONSTRUCTION BARRICADE - 7-4.1.1

ROCK EXCAVATION IS ESTIMATED TO EXPAND 25%

MISCELLANEOUS				QUANTITIES			
FINISHING ROADWAY				CLEARING & GRUBBING			
STATION TO STATION	SIDE	STA.	MILE NO.	STATION	IN. DIAM. CLEARING	IN. DIAM. GRUBBING	
0+00 - 9+00	C	9.0	1	6+40	10	10	
7+65 SIDE ROAD	R	0.6	1	6+45	10	10	
OUTLET DITCH			CULVERT PIPE				
STATION	SIDE	C.Y.	MILE	STATION	SIDE	SIZE	FOR
6+50 - 6+94	R	140	1	5+50	R	24" X 30"	PRIV. ENT.
BASE COURSE			GUARD FENCE (STEEL PLATE BEAM CLASS B)				
STA. — STA.	SIDE	C.Y.	MILE	STATION TO STATION	SIDE	LIN. FT.	
0+50 - 8+50	C	1152	1	5+40 - 6+40	L	100	
7+65 S.R.	RT.	100	1	5+80 - 7+30	R	150	
5+50 P.E.	RT.	50					

TYPICAL SECTION FOR

32' 0" GRAVEL OR CRUSHED STONE
BASE COURSE



REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN			
	DETAILS			
	CO. GRANT	CITY VIL. TN. BEETOWN	STA. 6+00.00	
	SECTION 30	TOWN 4 N.	RANGE 4 W.	
	DATE 12-23-53	DRWN. BMC	CKD. L.W.F.	SPEC. 1951
			LOAD	HIS
		G. W. K. Sch.		
	CORRECT:	BRIDGE ENGINEER		
	APPROVED:	E. C. R. Smith STATE HIGHWAY ENGINEER		
STRUCTURE B-22-36		SHEET 1 OF 1		

COUNTY & HIGHWAY	ROUTE & SECTION	CLASS & AGREEMENT	STATE	FEDERAL	B. P. R. DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
22.2	203.0	21.5			WIS. EN.	T0203(B)	9	13

BILL OF BARS

DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT. (7,770)

POUR	NO.	MARK	SIZE	LENGTH	SPAC.	LOCATION	DET.
	86	C1	6	9'-0"	7	PAVEMENT	
	3	C2	6	7'-0"	7	"	
	3	C3	6	5'-3"	7	"	
	3	C4	6	3'-6"	7	"	
	176	C5	5	6'-9"	7	CORNERS	A
	2	C6	4	21'-6"	SHOWN	PAVEMENT	
	2	C7	4	21'-0"	"	"	
	2	C8	4	22'-9"	"	"	
	2	C9	4	24'-6"	"	"	
	2	C10	4	26'-0"	"	"	
	2	C11	4	30'-0"	"	"	
	2	C12	4	26'-0"	"	"	
	2	C13	4	26'-9"	"	"	
	2	C14	4	28'-1"	"	"	
	2	C15	4	28'-1"	"	"	
	2	C16	4	29'-6"	"	"	
	2	C17	4	30'-6"	"	"	
	2	C18	4	7'-0"	1'-6"	SIDES	
	3	C19	6	12'-9"	SHOWN	HEADER	
	10	C20	5	4'-0"	1'-0"	CONST. JOINT	
	2	C21	4	5'-0"	2'-0"	APRON	
	4	C22	4	21'-0"	1'-0"	"	A
	2	C23	4	17'-0"	1'-0"	"	A
	2	C24	4	11'-6"	1'-0"	"	A
	2	C25	4	17'-6"	1'-0"	"	A
	2	C26	4	12'-6"	1'-0"	"	A
	6	C27	4	28'-0"	1'-0"	"	
	2	C28	4	26'-6"	1'-0"	"	
	2	C29	4	23'-6"	1'-0"	"	
	2	C30	4	20'-6"	1'-0"	"	
	2	C31	4	18'-0"	1'-0"	"	
	2	C32	4	13'-6"	1'-0"	"	
	2	C33	4	9'-6"	1'-0"	WING 1 VERTICAL	A
	2	C34	4	8'-6"	1'-0"	"	A
	2	C35	4	7'-6"	1'-0"	"	A
	2	C36	4	6'-6"	1'-0"	"	A
	3	C37	4	5'-0"	1'-0"	"	A
	2	C38	4	10'-6"	SHOWN	TIE BAR	
	4	C39	4	9'-3"	1'-0"	WING 2 VERTICAL	A
	4	C40	4	8'-3"	1'-0"	"	A
	4	C41	4	7'-3"	1'-0"	"	A
	5	C42	4	6'-3"	1'-0"	"	A
	5	C43	4	5'-0"	1'-0"	"	A
	2	C44	4	21'-6"	SHOWN	TIE BAR	
	88	C1	6	9'-0"	7	FLOOR	
	3	C2	6	7'-0"	7	"	
	3	C3	6	5'-3"	7	"	
	3	C4	6	3'-6"	7	"	
	176	C5	5	6'-9"	7	CORNERS	A
	2	C6	4	21'-6"	SHOWN	SIDES	
	2	C7	4	21'-0"	"	FLOOR	
	2	C8	4	22'-9"	"	"	
	2	C9	4	24'-6"	"	"	
	2	C10	4	26'-0"	"	"	
	2	C11	4	30'-0"	"	SIDES	
	2	C12	4	26'-0"	"	"	
	2	C13	4	26'-9"	"	FLOOR	
	2	C14	4	28'-1"	"	"	
	2	C15	4	28'-1"	"	"	
	2	C16	4	29'-6"	"	"	
	2	C17	4	30'-6"	"	SIDES	
	2	C18	4	7'-0"	1'-6"	HEADER	
	3	C19	6	12'-9"	SHOWN	CONST. JOINT	
	2	C20	5	4'-0"	1'-0"	CONST. JOINT	
	4	C21	4	5'-0"	2'-0"	SIDES	
	2	C22	4	21'-0"	1'-0"	WING 1 HOR.	
	4	C23	4	17'-0"	1'-0"	"	
	2	C24	4	11'-6"	1'-0"	"	
	4	C25	4	17'-6"	1'-0"	WING 2	
	2	C26	4	12'-6"	1'-0"	"	

ESTIMATED QUANTITIES

EXCAVATION FOR STRUCTURES	200 CY
CONCRETE MASONRY	593 CY
BAR STEEL REINFORCEMENT	7770 LB
STRUCTURAL CARBON STEEL	100 LB
SHEET LEAD	7 LB

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN
	DETAILS
CO. GRANT	BEETOWN
SECTION 30	TOWN 4-N
DATE 12-21-25	DRWN. JF
CORRECT:	C. W. R. R.
APPROVED:	E. C. R.
STRUCTURE C-22-75	SHEET 1 OF 1

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
CONCRETE MASONRY SHALL BE GRADE "AA".
BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SHOWN.
BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN.
ROUND ALL CORNERS IN SIDES OF BARREL TO A 1'-0" RADIUS.

VERTICAL CONSTRUCTION JOINT

ELEVATION - WING 2

TYPICAL SECTION THRU WING

SECTION THRU HEADER

SECTION C2

SECTION C1

RAILING POST DETAIL

ANCHOR BOLT DETAIL

DETAIL "A"

PLAN

DESIGNED FOR 2.5' OF FILL