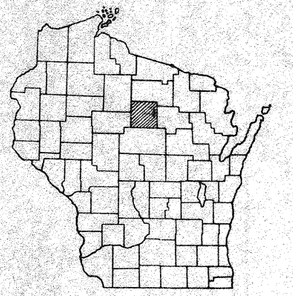
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
35.6	570.0		11.8	WIS. 4	1	10

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2 TYPICAL CROSS SECTIONS
SHEET NO. 2 ESTIMATE OF QUANTITIES
SHEET NO. — MISCELLANEOUS QUANTITIES
SHEET NO. — RIGHT OF WAY PLAT
SHEET NO. 3—10 PLAN AND PROFILE STA. 3+00 TO STA. 224+82
SHEET NO. — STANDARD DETAILS
SHEET NO. — DRAINAGE STRUCTURES
SHEET NO. — CROSS SECTIONS



STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

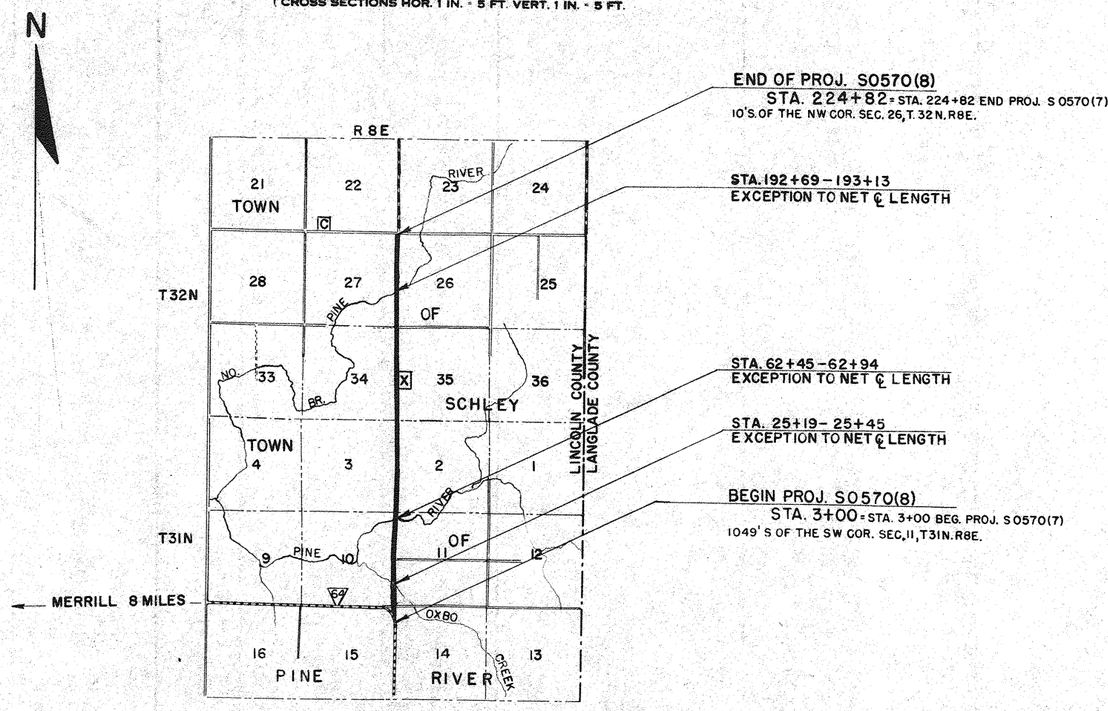
S.T.H. 64 — C.T.H. "C" ROAD

C.T.H. "X"

LINCOLN COUNTY

PROJECT S0570(8)

SCALES { PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



LAYOUT

SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 4.179 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 / BARBED	REFERENCE STAKE FOR HUBS ONLY (+61.7 / 25.9)
LOT LINE	MARSH
CORPORATE OR CITY LIMITS	HEDGE
PROPERTY LINE (P.L. + 326)	TREES
TRAVELED WAY OR P.E.	GROUND ELEVATION (DATUM LINE 739)
RAILROADS	
BASE OR SURVEY LINE (30)	GRADE ELEVATION (DATUM LINE 756)

STATE HIGHWAY
COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR D SPRAGUE NOTE BOOK 1BM
DIVISION COMPUTER E.F.S. M. O. CHECKER
DISTRICT CHECKER DCS CORRECT

CORRECT:
DATE 7/28/59 Max Tuttle DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 9-1-59 J.J. Pilz ENGINEER OF DESIGN

APPROVED:
DATE 9/1/59 E. L. Roettiger STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:
DATE
DIVISION ENGINEER

S 0570(8)

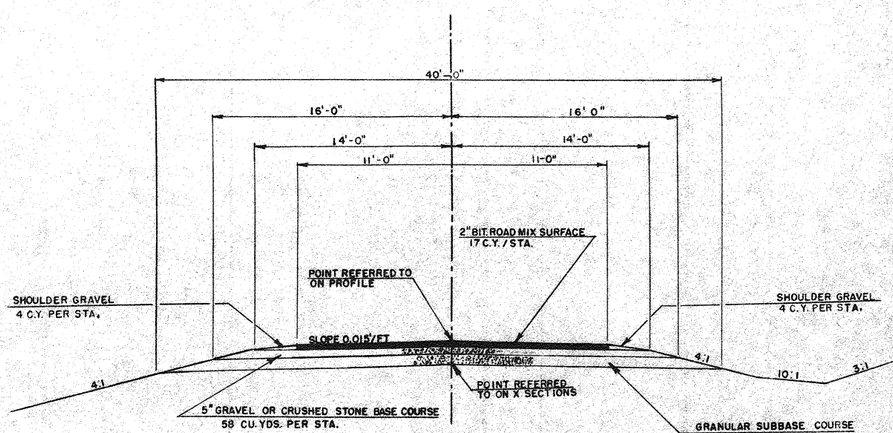
ESTIMATE OF QUANTITIES

CONTRACT NO. 1

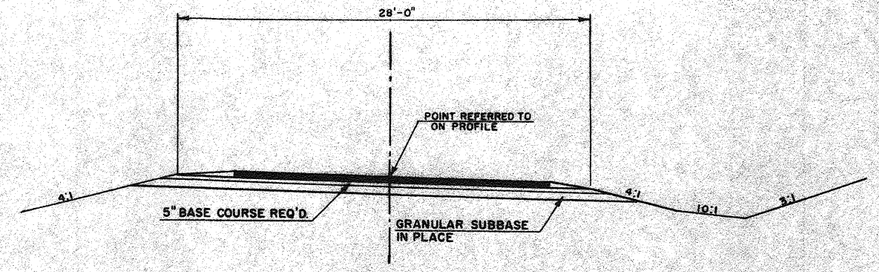
PROJECT	SHEET NUMBER	TOTAL SHEETS
S0570(8)	2	10

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1957 APPROVED AUGUST 9, 1957 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE	BIT. MATERIAL FOR SURFACE COURSE	CULVERT PIPE					RIP-RAP	GUARD FENCE		MARKER POSTS	MARKER POSTS FOR R/W	BIT. ROAD MIX SURFACE	AGGR. FOR BIT. ROAD MIX SURFACE	TOPSOIL		FERTILIZER	SEEDING
ITEM NO.		2101-	2101-	210 -	210 -	210 -	2110-1	2114-1	2116-1	2203-1	2313-3						2512-1	2523-	2523-	2523-3	2523-4	2313-1	2313-2	2528-1	2528-2	2531-1	2532-1
UNIT	LIN. FT.			C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	GALS.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.		EACH	EACH	SQ. YD.	C.Y.	SQ. YD.	SQ. YD.	CWT.	SQ. YD.
STA. 3+00 TO STA. 224+82	22063									14,400	76000											54400	3800				

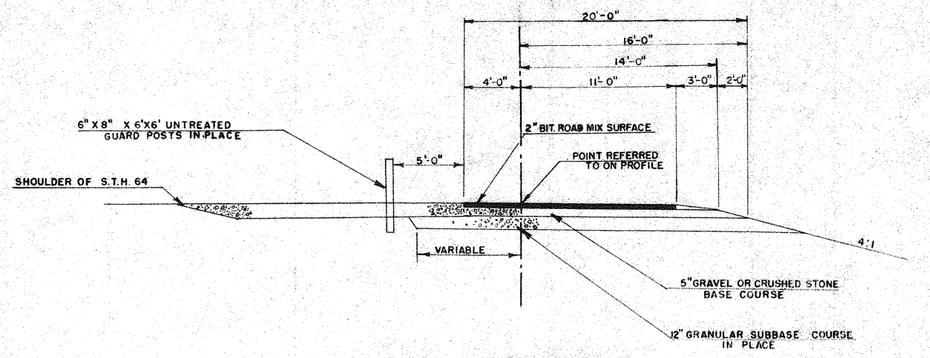


TYPICAL FINISHED SECTION



FINISHED SECTION ON CURVES

NOTE: SUPERELEVATION TRANSITION OR RUN OFF SHALL BE COMPUTED WITH TWO-THIRDS OF THE TOTAL TRANSITION ON THE TANGENT APPROACH AND ONE-THIRD WITHIN THE CURVE. ALL CROWN TO BE REMOVED FROM SUPERELEVATED SECTIONS EXCEPTING RUN OFF



TYPICAL FINISHED SECTION

STA. 3+00 TO 6+00

GRAVEL OR CRUSHED STONE BASE COURSE			
STATION	TO	STATION	CU. YDS.
3+00	–	25+19	1287
25+45	–	62+45	2146
62+94	–	192+69	7526
193+13	–	224+82	1838
TWN RDS.	–	5 AT 50 C.Y.	250
P.E.S.	–	26 AT 15 C.Y.	390
SHOULDERS			963
TOTAL			14,400

NOTE: SHEETS 3 TO 10 ARE INCLUDED TO SHOW PROFILE AND ALIGNMENT ONLY. OTHER INFORMATION NOT PERTINENT TO THIS CONTRACT.

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0570(7)	3	44
	S0570(8)	3-10	

8-6"X8"X6' UNTREATED GUARD POSTS REQ'D.

℄ S.T.H. 64

APPROACH LINE

GRAVEL ISLAND 15'

30'R 65°

P.I. 5+80
Δ= 45°
D= 30°
T= 80.0
L= 150.0
SE= 0.03'/FT.

2° 30'

12'

3' FINISHED SHOULDERS

SURVEY LINE

DETAIL OF INTERSECTION
S.T.H. 64 & C.T.H. "X"

N

STA. 10+32 P.E. LT.
REMOVE 1-15"X30' CULV. PIPE
1-18"X 30' CULV. PIPE REQ'D.

STA. 11+55 P.E. LT.
REMOVE 1-15"X16' CULV. PIPE
1-18"X30' CULV. PIPE REQ'D.

STA. 13+50 TWN. RD. LT.
1-18"X60' CULV. PIPE REQ'D.

TN. RD.

SLOPE EASEMENT

6+40

60'

33'

P.E.

N 1°-00'E (MAG)

50'

80'

75'

00+19

SPECIAL DITCH REQ'D.

2+40

BEG. PROJ. S 0570(8)
STA. 3+00 = BEGINNING OF
PROJ. S0570(7)

SLOPE EASEMENT

STA. 11+63 P.E. RT.
REMOVE 1-15"X18' CULV. PIPE
1-18"X30' CULV. PIPE REQ'D.

STA. 15+50 P.E. RT.
REMOVE 1-15"X24' CULV. PIPE
1-18"X30' CULV. PIPE REQ'D.

STA. 14+70 P.E. RT.
REMOVE 1-15"X18' CULV. PIPE

BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
1	8+90	SPIKE IN 12" TWIN ELM 40' LT.	1430.96

NET CENTERLINE LENGTH STA. 3+00 - STA. 20+00 = 17+00 LIN. FT.

C 2413 C.Y.
F 1762 C.Y.
SHG. 40%

+00
3+00 31.90
7+00 30.90
10+50 30.00
+00
14+00 13.10
14+50 10.69
18+00 93.77

-0.25 %

-4.83%

STA. 4+54
REMOVE 1-24" X34'
CULV. PIPE

STA. 5+50
1-24" X92' CULV PIPE, REQ'D.
SKEW 50° L.H.F.

STA. 3+58
1-24" X90' CONC. CULV.
PIPE TO REMAIN.

FINISHED GRADE

1430
1420
1410
1400
1390
1380

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

31.9 31.6 31.4 31.2 30.9 30.3 29.1 27.2 24.6 21.5 17.6 13.1 08.3 03.8 99.7 95.8 92.4 88.2

PLATE 1 - PLAN-PROFILE B.P.R. STANDARD
THE FREDERICK POST CO. Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0570(7)	4	44
	50570(8)	4-10	

STA. 24+75.5–25+17 LT. & RT.
83' STEEL PLATE BEAM GUARD REQ'D.

STA. 25+47–25+88.5
83' STEEL PLATE BEAM GUARD REQ'D.

STA. 29+43 P.E. LT.
1-18"X 30' CULV. PIPE REQ'D.

STA. 37+20
CONST. F.E. LT.

SLOPE EASEMENT

N 1° 00' E (MAG)

N 4° 56' E (MAG)

STA. 26+98 F.E. RT.
REMOVE 1-24"X 16' CULV. PIPE

STA. 32+37 F.E. RT.
1-18"X 30' CULV. PIPE REQ'D.

P.I. 39+03.5
Δ = 3°56' RT.
D = 1°00'
T = 196.7'
L = 393.3
SE = 0.02'/FT.
TRANS 120'

P.C. 37+06.8

P.T. 41+60.1

TN. RD.

STA 39+78 RESTORE TN. RD. APP.

SLOPE EASEMENT

BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
2	20+20	SPIKE IN 15" HEMLOCK	60' LT.	1391.96
3	37+25	SPIKE IN 12" ELM	75' RT.	1410.75
4	47+90	SPIKE IN 10" BASSWOOD	50' RT.	1402.77

STA. 25+19.0–25+45.0 = 26.0 LIN. FT.
EXCEPTION TO NET CENTERLINE LENGTH (BRIDGE)

NET CENTERLINE LENGTH STA. 20+00 – STA. 50+00 = 2974 LIN. FT.

C 2672 C.Y.
F 1995 C.Y.
SHG. 35 %

C 5402 C.Y.
F 4161 C.Y.
SHG 30 %

STA. 25+32.3
1-24' SPAN I BEAM BRIDGE IN PLACE
TO REMAIN. 25' ROADWAY

FINISHED GRADE

-2.46 %
0.00 %
+3.57 %
-1.52 %

PLATE I—PLAN-PROFILE B.P.R. STANDARD
THE PRECINCT PRINTING CO., Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0570(7)	5	44
	50570(8)	5-10	

STA. 51+65 P.E. LT.
REMOVE 1-18"X16' CULV. PIPE
1-18"X30' CULV. PIPE REQ'D.

STA 62+01.5-62+43 LT & RT.
83' STEEL PLATE BEAM GUARD REQ'D.

STA. 62+96-63+37.5 LT & RT.
83' STEEL PLATE BEAM GUARD REQ'D.

STA. 66+20 P.E. LT.
1-24"X30' CULV. PIPE REQ'D.

STA. 79+42 F.E. LT.
1-18"X30' CULV. PIPE REQ'D.

SLOPE EASEMENT

P.I. 66+20.6
Δ = 2° 10' LT.

N 4° 56'E(MAG)

N 2°-46'E(MAG)

STA. 77+30 P.E. RT.
REMOVE 1-15" X 24' CULV. PIPE

STA. 78+90 P.E. RT.
REMOVE 1-15"X24' CULV. PIPE
1-18"X30' CULV. PIPE REQ'D.

SLOPE EASEMENT

STA. 61+70 F.E. RT.
1-24"X30' CULV. PIPE REQ'D.

STA. 64+62 F.E. RT.
REMOVE 1-18"X16' CULV. PIPE
1-24"X30' CULV. PIPE REQ'D.

NO	STATION	DESCRIPTION		ELEV.
5	61+30	SPIKE IN 16" ELM	45' LT.	1364.17
6	70+40	SPIKE IN 12" TRIPLE ELM	65' LT.	1385.49

STA 62+45-62+94 = 49 LIN. FT.
EXCEPTION TO NET CENTERLINE LENGTH (BRIDGE)

NET CENTERLINE LENGTH STA. 50+00 - 80+00 = 2951 LIN. FT.

C 1857 C.Y.
F 1391 C.Y.
S H.G. 35 %

C 2507 C.Y.
F 1867 C.Y.
S H.G. 35 %

- 1.52 %
- 4.24 %
0.00%
+ 3.88 %
+1.17 %

FINISHED GRADE

STA. 62+69.5
1-46' SPAN PLATE GIRDER BRIDGE IN PLACE
TO REMAIN. 19FT. ROADWAY

STA. 77+50
1-24"X 56' CULV. PIPE REQ'D.

PLAT - PLAN AND PROFILE B.P.R. STANDARD
SEE BRIDGE BOOK 1960 (Old) Sheet No. 1