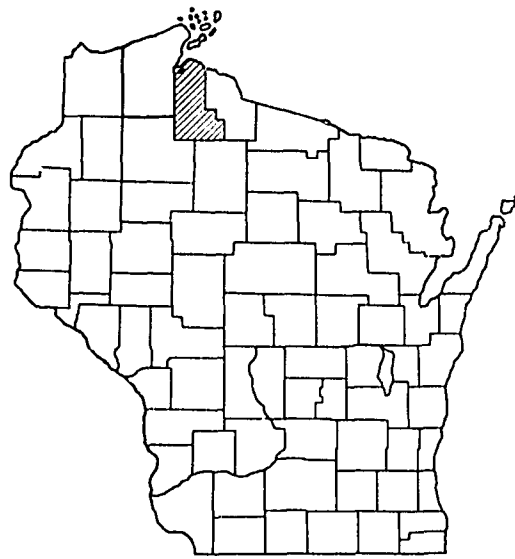


INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2-2B TYPICAL CROSS SECTIONS
SHEET NO. 3 ESTIMATE OF QUANTITIES
SHEET NO. 3A MISCELLANEOUS QUANTITIES
SHEET NO. RIGHT OF WAY PLAT
SHEET NO. 4-5 PLAN AND PROFILE STA. 0+50 TO STA. 14+79.08
SHEET NO. 6-7 STANDARD DETAILS
SHEET NO. NONE DRAINAGE STRUCTURES
SHEET NO. 8-14 CROSS SECTIONS



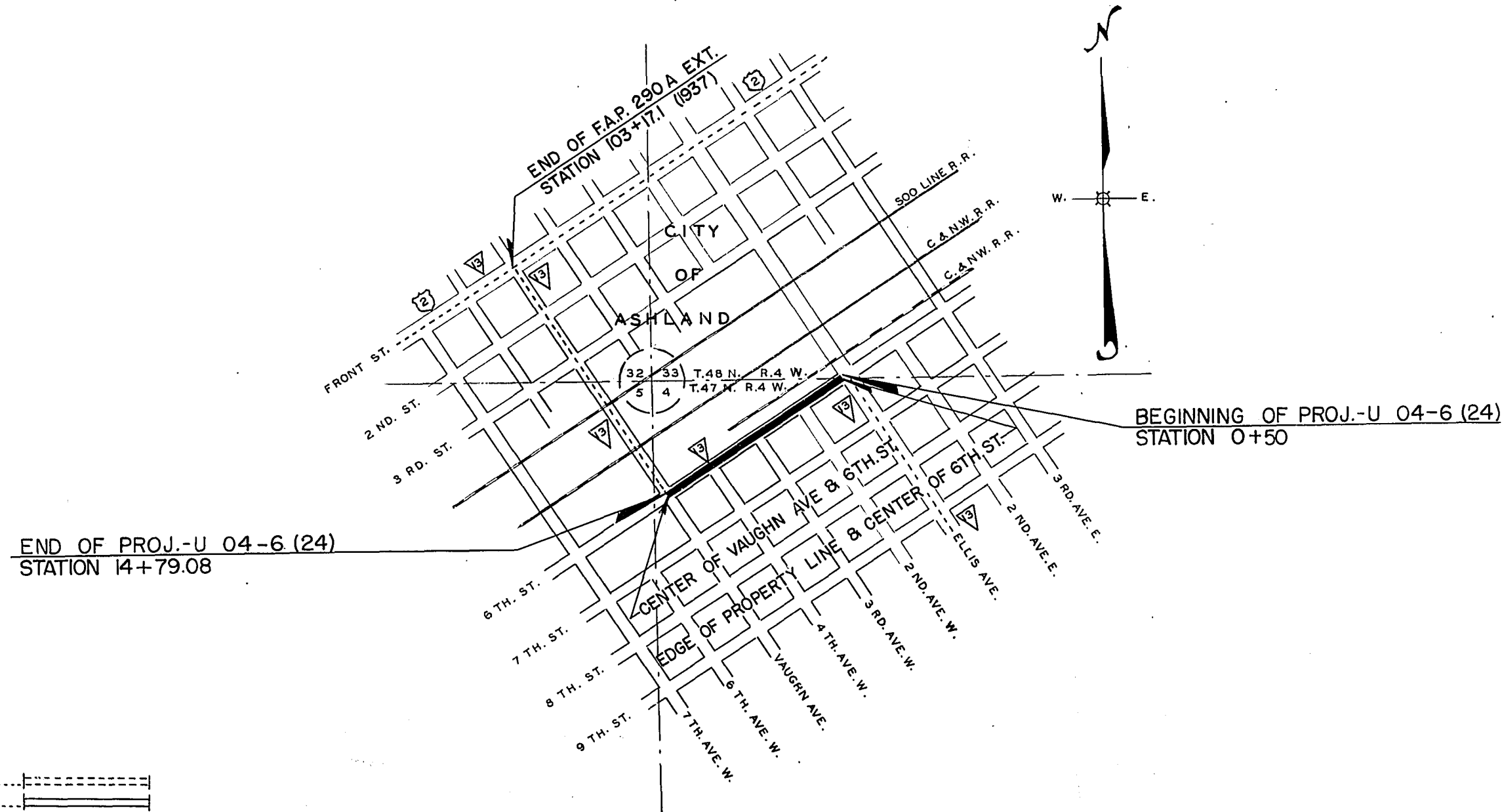
STATE OF WISCONSIN STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED SIXTH STREET — CITY OF ASHLAND ASHLAND COUNTY S.T.H. 13 PROJECT U 04-6(24)

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NO.	TOTAL SHEETS
		STATE	FEDERAL			
2.1	4.6		12.24	5N	1	14

DIVISION JOB NO. _____

PLAN 1 IN. = 40 FT.
PROFILE HOR. 1 IN. = 40 FT. VERT. 1 IN. = 5 FT.
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



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.....
TRAVELED WAY OR P.E.....	GRADE ELEVATION..... DATUM LINE.....
RAILROADS.....	
BASE OR SURVEY LINE.....	

LAYOUT

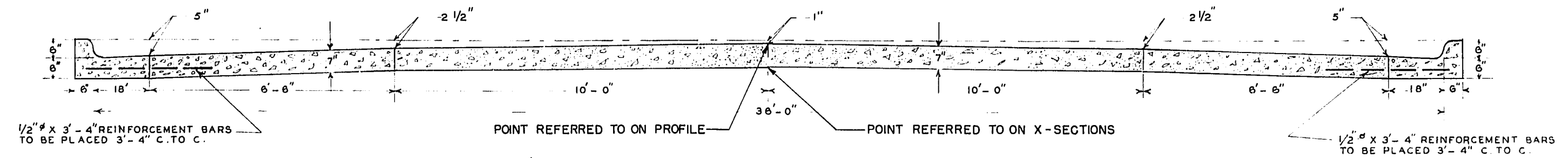
SCALE 0 300' 600'

TOTAL NET LENGTH OF CENTERLINE = 0.271 MI.

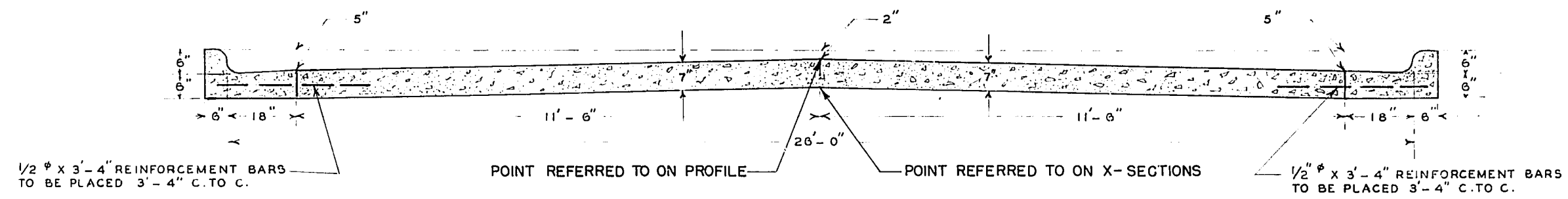
STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.		FEDERAL WORKS AGENCY PUBLIC ROADS ADMINISTRATION	
SURVEYOR R.C.O. DIVISION COMPUTER R.C.O. DIVISION CHECKER J.W.D.	NOTE BOOK M. O. CHECKER CORRECT.	RECOMMENDED FOR APPROVAL	
CORRECT: DATE 2/11/1948 G.I. Germond by Pleu DIVISION ENGINEER		DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY	
RECOMMENDED FOR APPROVAL: DATE 3/11/1948 DESIGN ENGINEER CONSTRUCTION ENGINEER		APPROVED:	
APPROVED: DATE 3/11/1948 E.C. Routh STATE HIGHWAY ENGINEER		COMMISSIONER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY	

FIELD INVESTIGATED BY:

DA8 U 04-6(24)

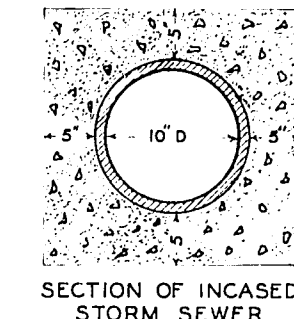


SECTION OF 36' CONCRETE PAVEMENT AND COMB. CURB AND GUTTER.
7" UNIFORM THICKNESS CONCRETE PAVEMENT

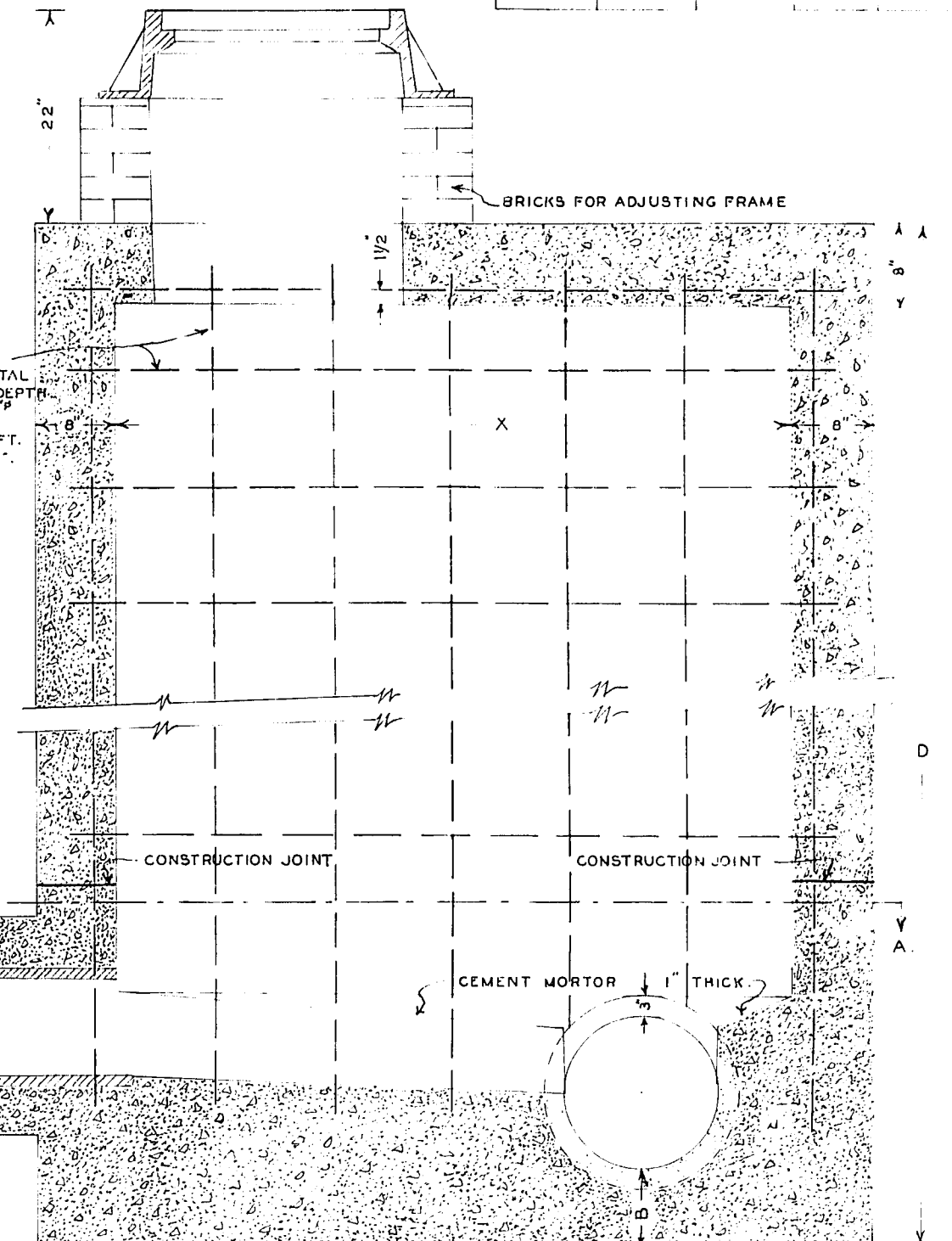


SECTION OF 26' CONCRETE PAVEMENT AND COMB. CURB AND GUTTER.
7" UNIFORM THICKNESS CONCRETE PAVEMENT

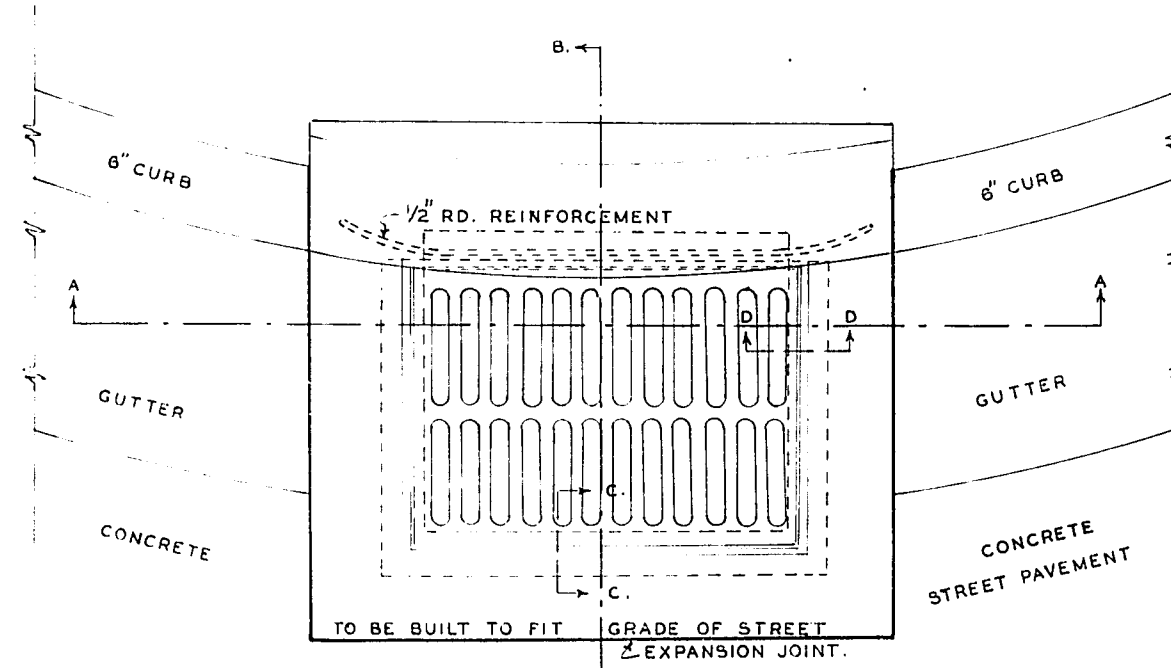
REINFORCEMENT 1/2" BARS AT 12" CENTERS VERTICAL AND HORIZONTAL FOR ALL MANHOLES 10' OR LESS IN DEPTH. FOR DEPTHS UP TO 19 FT. USE 3/4" AT 12" CTRS. BELOW 10 FT. FOR DEPTHS GREATER THAN 19 FT. USE 3/4" AT 8" CTRS. BELOW 19 "



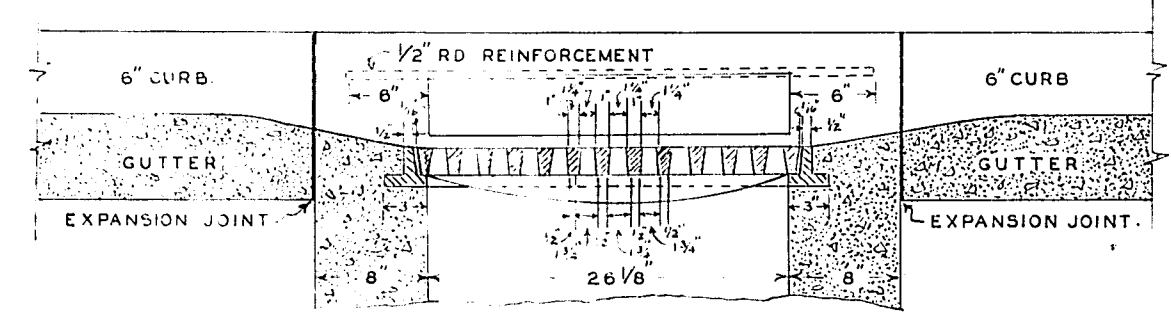
SECTION OF INCASED STORM SEWER



SECTION OF MANHOLE

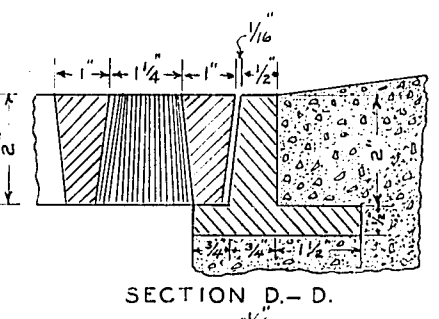


SECTION A - A

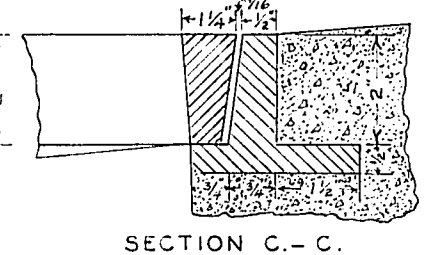


SECTION B - B

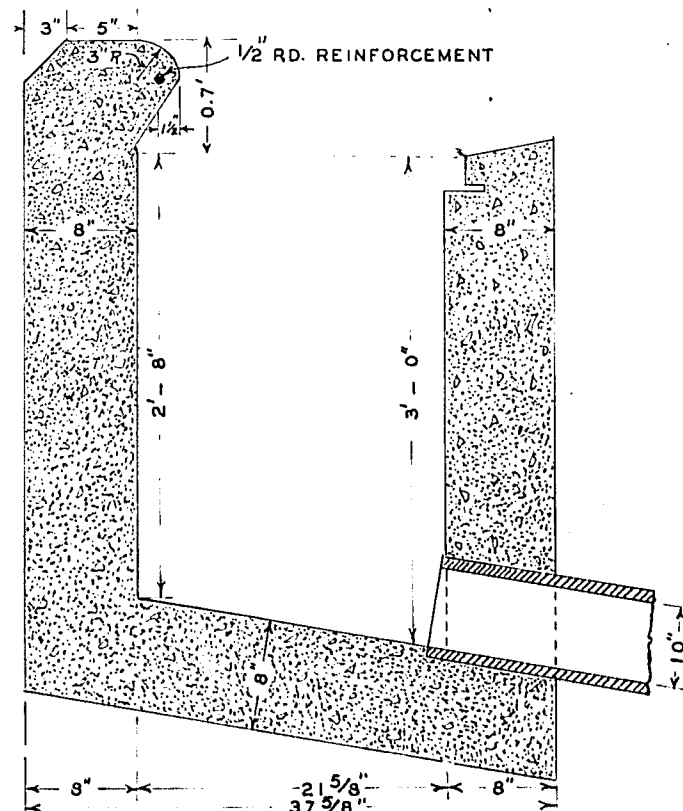
WEIGHTS
FRAME - 76 LBS.
COVER - 139 LBS.



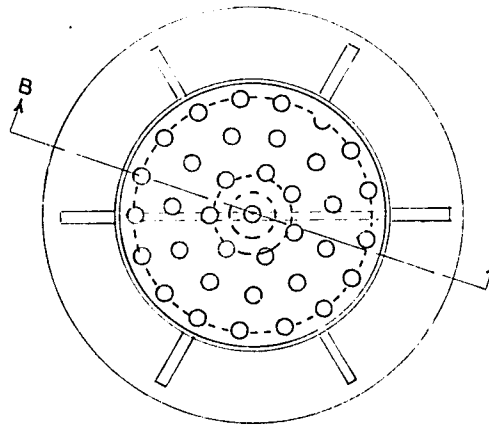
SECTION D - D



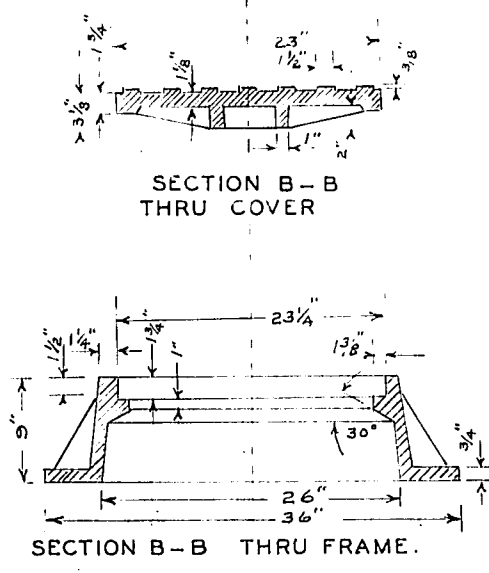
SECTION C - C



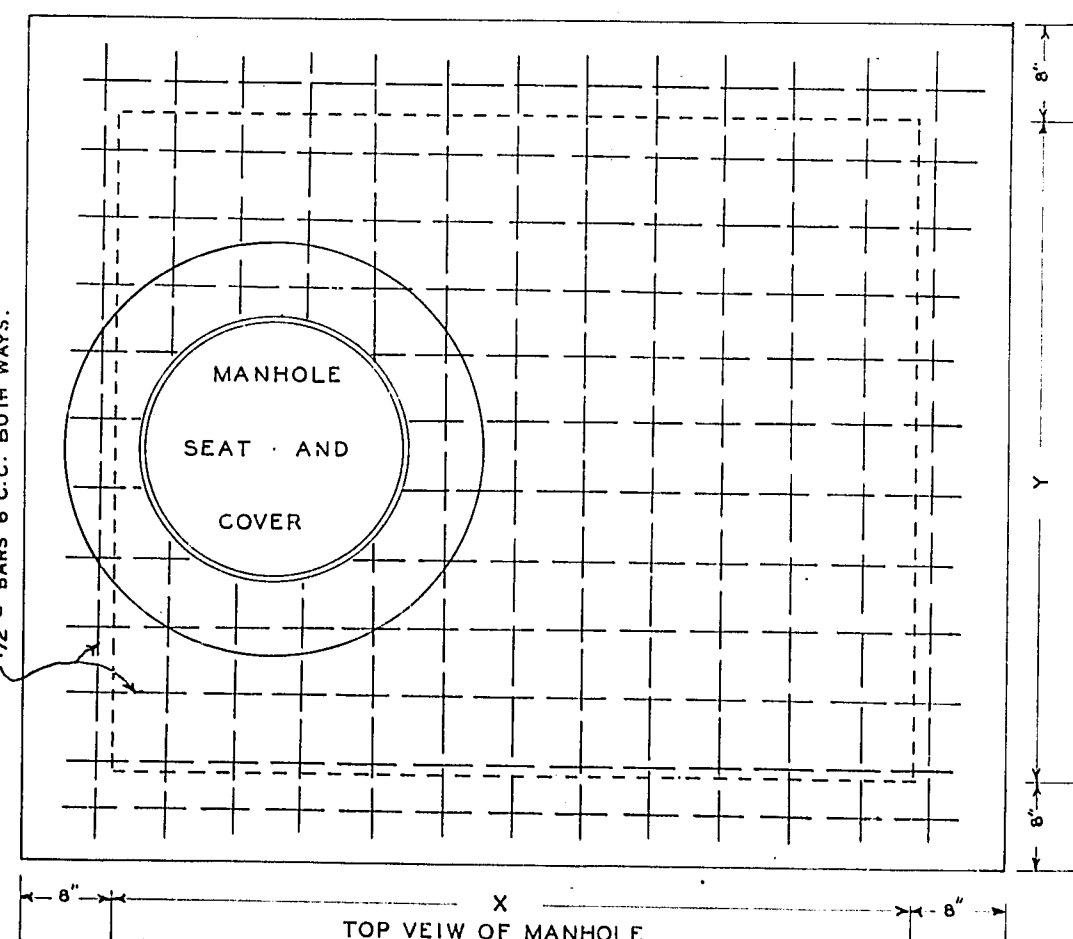
SECTION B - B (FRAME REMOVED)



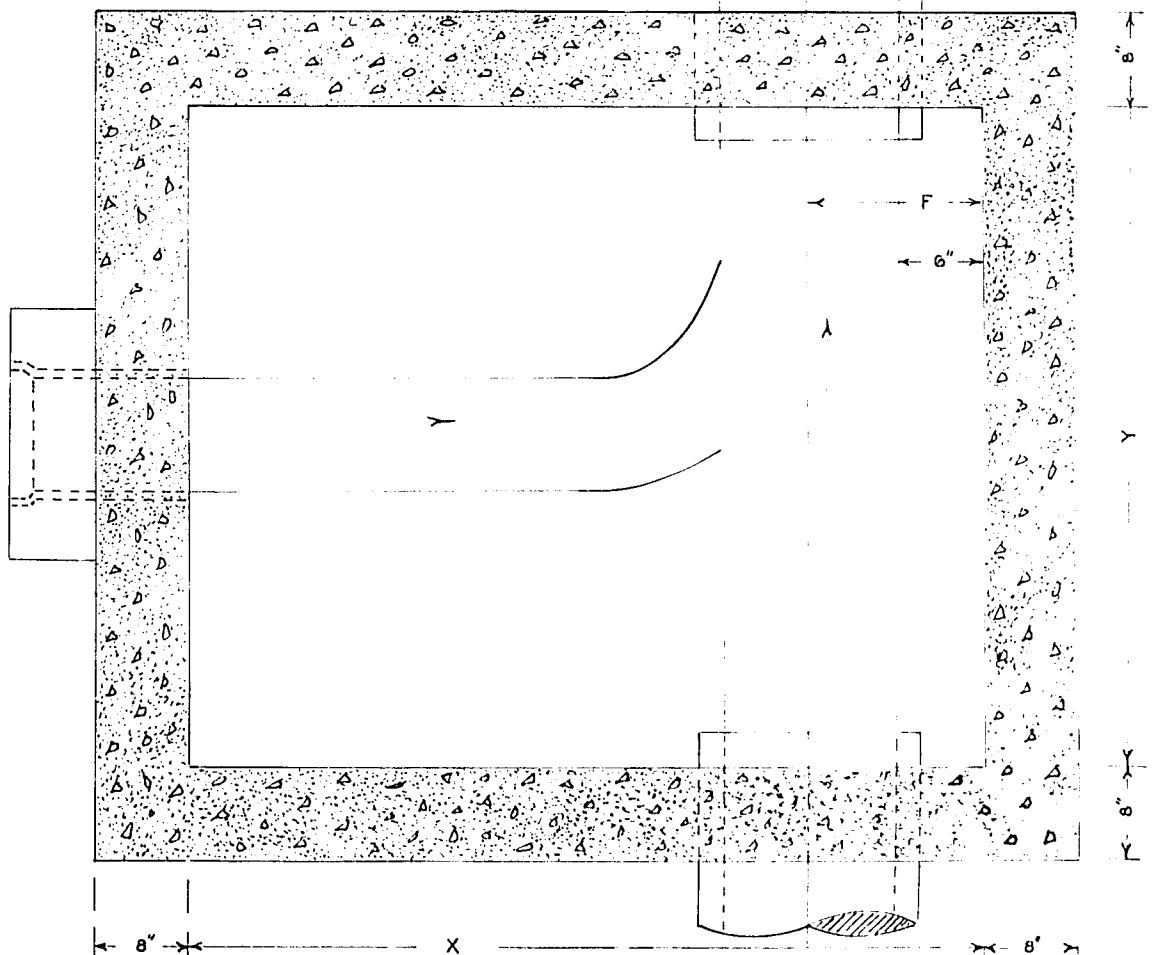
DETAIL OF MANHOLE FRAME AND COVER



SECTION B - B THRU FRAME



TOP VIEW OF MANHOLE



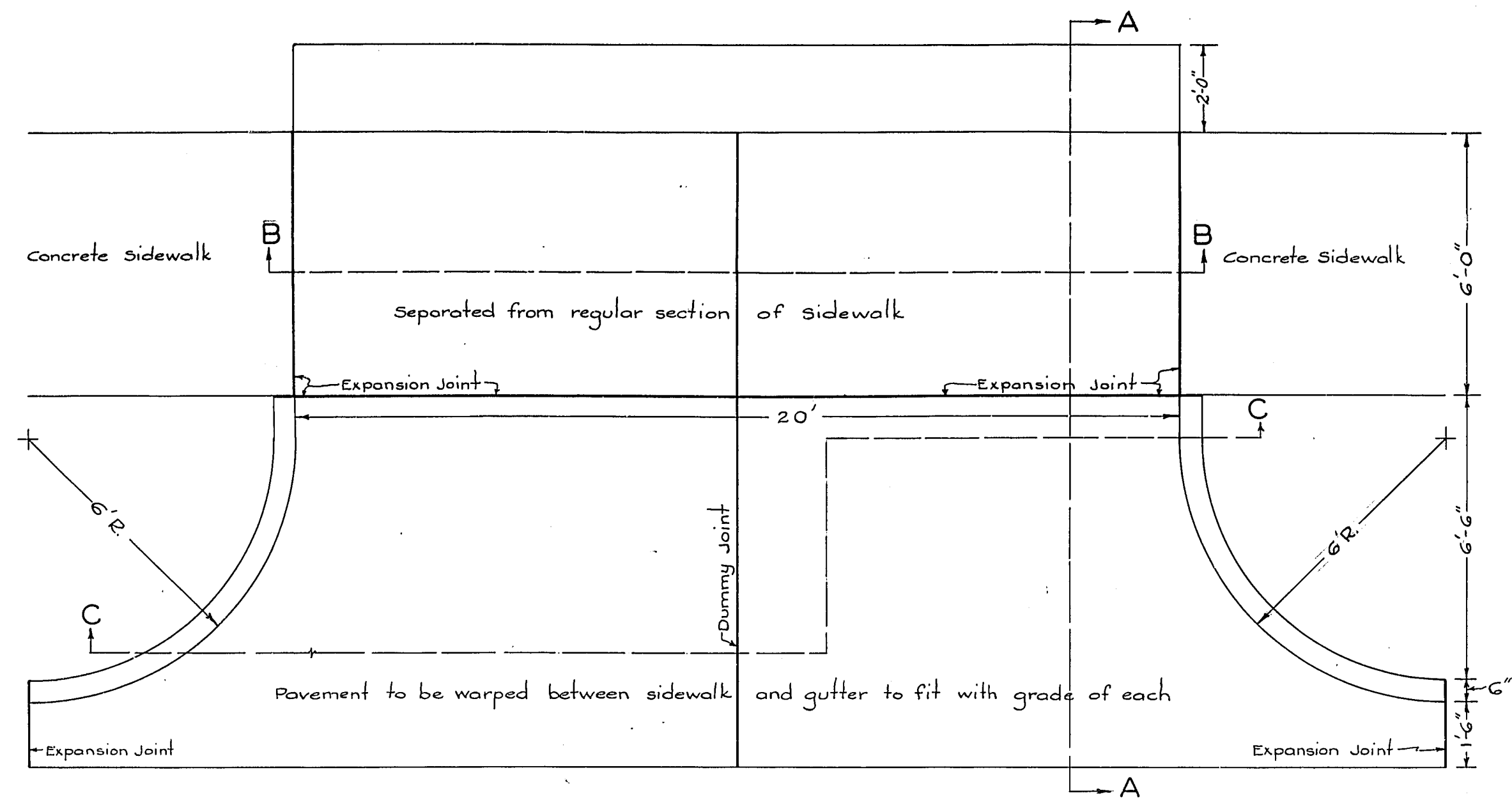
SECTION A - A

X = DISTANCE DEPENDING ON DISTANCE MANHOLE SEAT AND COVER HAS TO BE MOVED IN ORDER TO FALL OUTSIDE OF CURB AND GUTTER.
Y = 4 FT. WHEN INLET AND OUTLET PIPES ARE 10" OR LESS IN DIAMETER. 6 FT. WHEN INLET OR OUTLET PIPES ARE MORE THAN 10" IN DIAMETER.

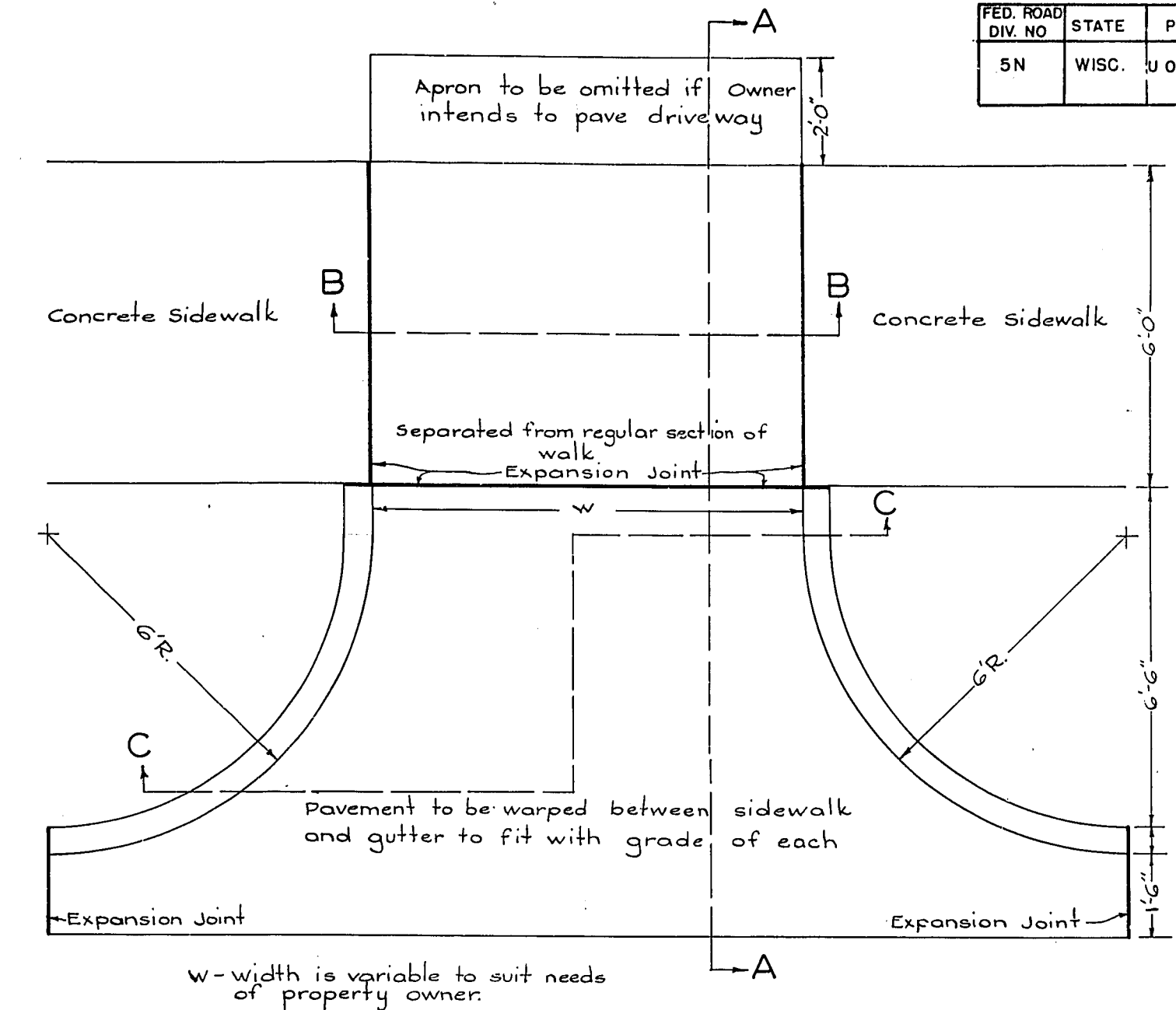
D = DEPTH REGULATED BY DEPTH OF SEWER.
B = THICKNESS OF FLOOR TO BE 8" UP TO 10' DEPTHS AND 12" FOR GREATER DEPTHS.
F = DEPENDANT ON SIZE OF SEWER.

PLAN FOR RECONSTRUCTING MANHOLES TYPE A.

FED. ROAD DIV. NO.	STATE	PROJ.	SHEET NO.	TOTAL SHEETS
5N	WISC.	U 04-6(24)	2A	14

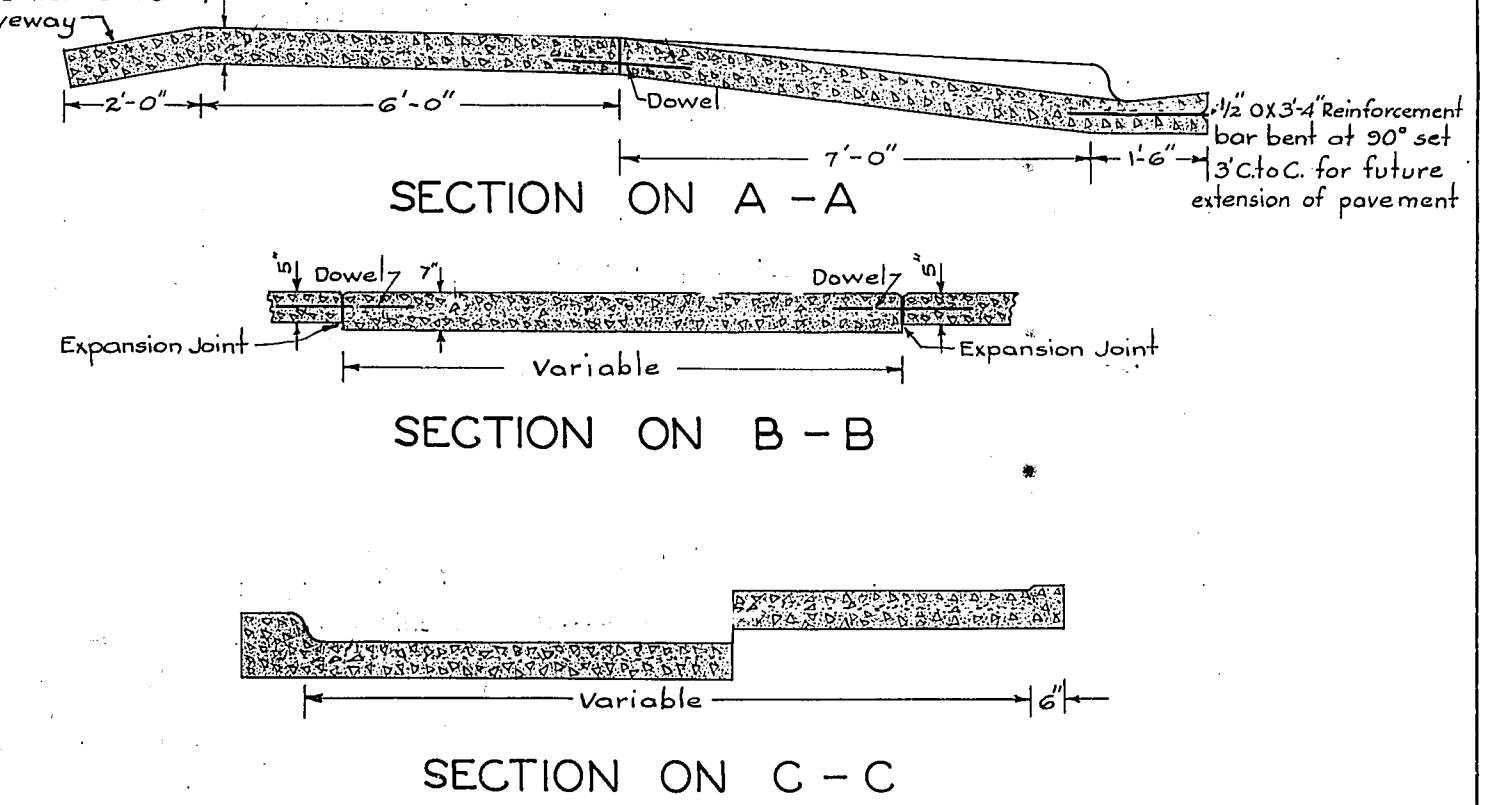
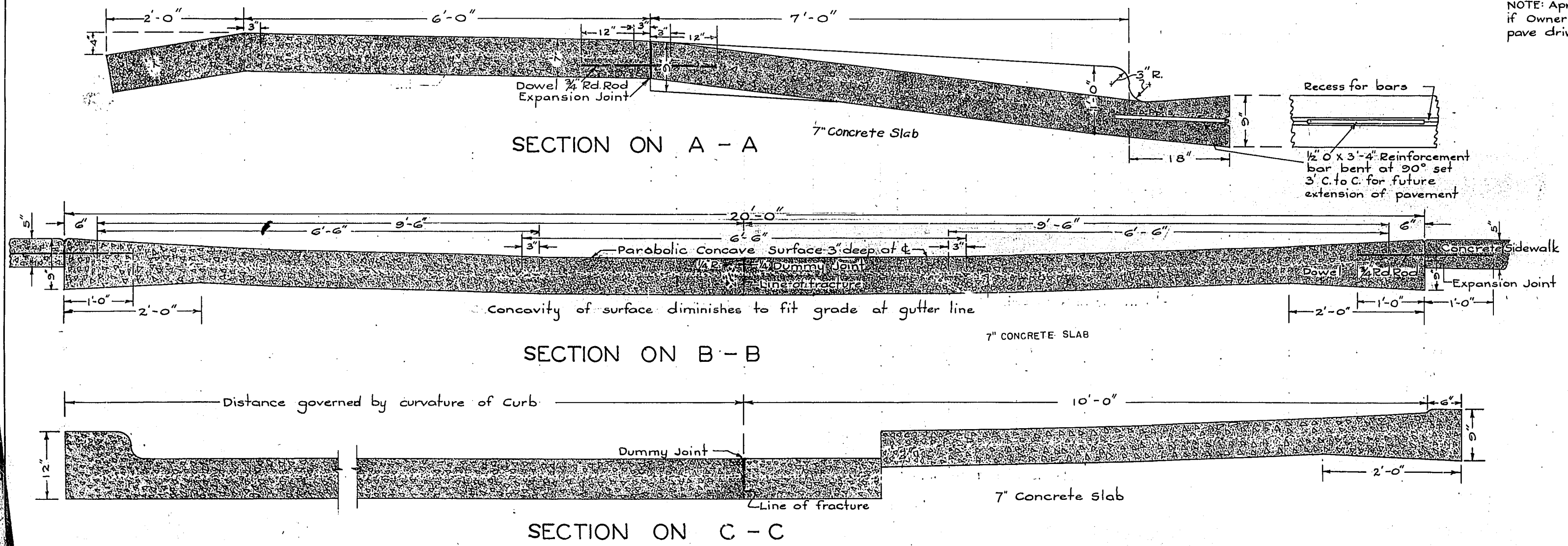


TYPICAL ALLEY



PRIVATE DRIVEWAY

NOTE: Apron to be omitted if Owner intends to pave driveway

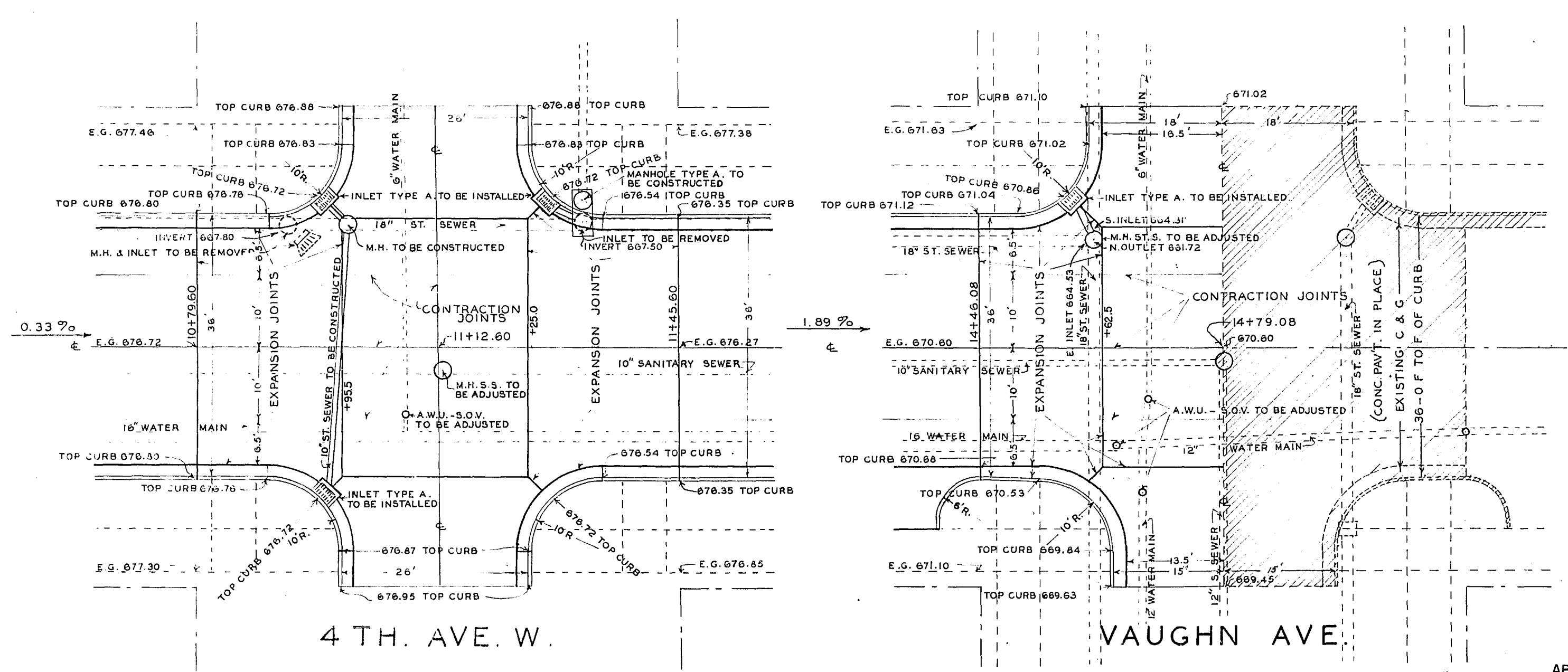
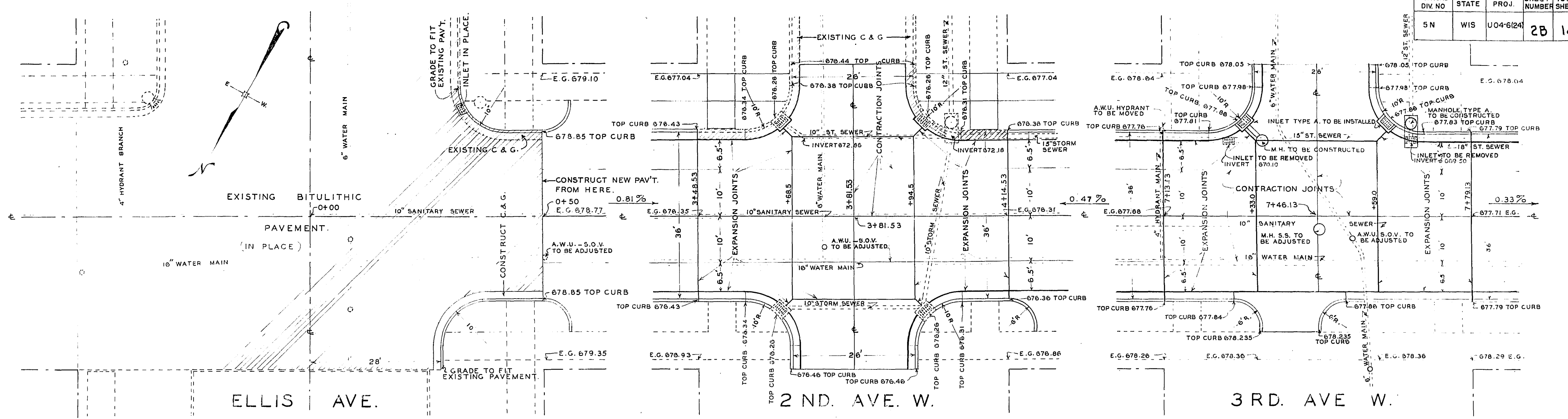


CONSTRUCTION NOTES

Details of construction not shown on this plan shall be in accordance with the pertinent requirements of the standard specifications for road and bridge construction and/or the applicable special provisions. Unless otherwise specified, gutter and combination curb and gutter shall be tied to the pavement with 1/2 bars as shown. Where pavement does not adjoin gutter, the bars are to be bent back at 90° for future extension of pavement. All concrete shall conform to the requirements specified in the specifications. Widths of driveways to private entrances is variable to suit the individual requirements of property owners.

DETAIL PLANS
ALLEYS AND PRIVATE DRIVEWAYS

PREPARED BY JEROD W. DAY, CIVIL ENGR.	DESIGNED BY J.W. DAY	3-8-39
	CHECKED BY J.W.D.	3-28-39
	FILE NO.	6-6-67



CONSTRUCTION NOTES.

DETAILS NOT COVERED ON THIS PLAN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

IN PLACING INLETS CARE SHALL BE EXERCISED TO ESTABLISH THEM AT AN ELEVATION 0.2 FEET BELOW THE GRADE OF THE GUTTER AT ITS LOWEST POINT. THE GRADE OF THE GUTTER SHALL BE FORMED SO THAT COMPLETE DRAINAGE OF THE STREET TO THE INLETS IS INSURED.

WHERE STORM SEWER MANHOLES ARE TO BE RECONSTRUCTED, THEY SHALL BE REBUILT TO CONFORM TO THE DETAILED PLAN AS NEARLY AS POSSIBLE.

A 1 INCH SPACE IS TO BE LEFT AROUND ALL MANHOLE AND INLET FRAMES, VALVE BOXES, ETC., TO BE FILLED WITH BITUMINOUS ASPHALT FILLER.

CONSTRUCTION JOINTS MAY BE SUBSTITUTED FOR CONTRACTION JOINTS ALONG EDGE OF 20 FOOT PAVEMENT SLAB SUBJECT TO APPROVAL OF ENGINEER.

ALL WATER HYDRANTS AND WATER STOP VALVE BOXES TO BE MOVED OR SET TO GRADE BY THE ASHLAND WATER UTILITY.

ALL GAS VALVES TO BE MOVED OR SET TO GRADE BY THE LAKE SUPERIOR POWER CO.

ALL POWER AND TELEPHONE POLES SHALL BE MOVED AS DIRECTED BY THE ENGINEER. THE POWER POLES TO BE MOVED BY THE LAKE SUPERIOR POWER CO. THE TELEPHONE POLES TO BE MOVED BY THE WISCONSIN TELEPHONE CO.

THE RADII OF ALL CURB RETURNS AT STREET INTERSECTIONS SHALL BE 10 FEET AND AT ALL PRIVATE AND ALLEY ENTRANCES 6 FEET TO FACE OF THE CURB.

ALL ALLEY ENTRANCES TO BE PAVED OUT TO THE PROPERTY LINE OF THE STREET.

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

JOINT DETAIL P.C.G. PAVEMENT	4-4.1.2
CONSTRUCTION BARRICADE	7-4.1.1

ABBREVIATIONS USED

A.W.U.S.O.V.	ASHLAND WATER UTILITY SHUT OFF VALVE
M.H.	MANHOLE
S.S.	SANITARY SEWER
S.T.S.	STORM SEWER
E.G.	ELEVATION OF GRADE
S.C.	STOP COCK (ASHLAND WATER UTILITY)
P.P.	POWER POLE
G.D.V.	GAS DRIP VALVE
L.S.P.	LAKE SUPERIOR DISTRICT POWER COMPANY

**DETAIL OF
STREET INTERSECTIONS**

CONTRACT NO. 1

P.R.A. DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
WIS. 5N	U 04-6 (24)	3	14

[illegible][illegible][illegible]

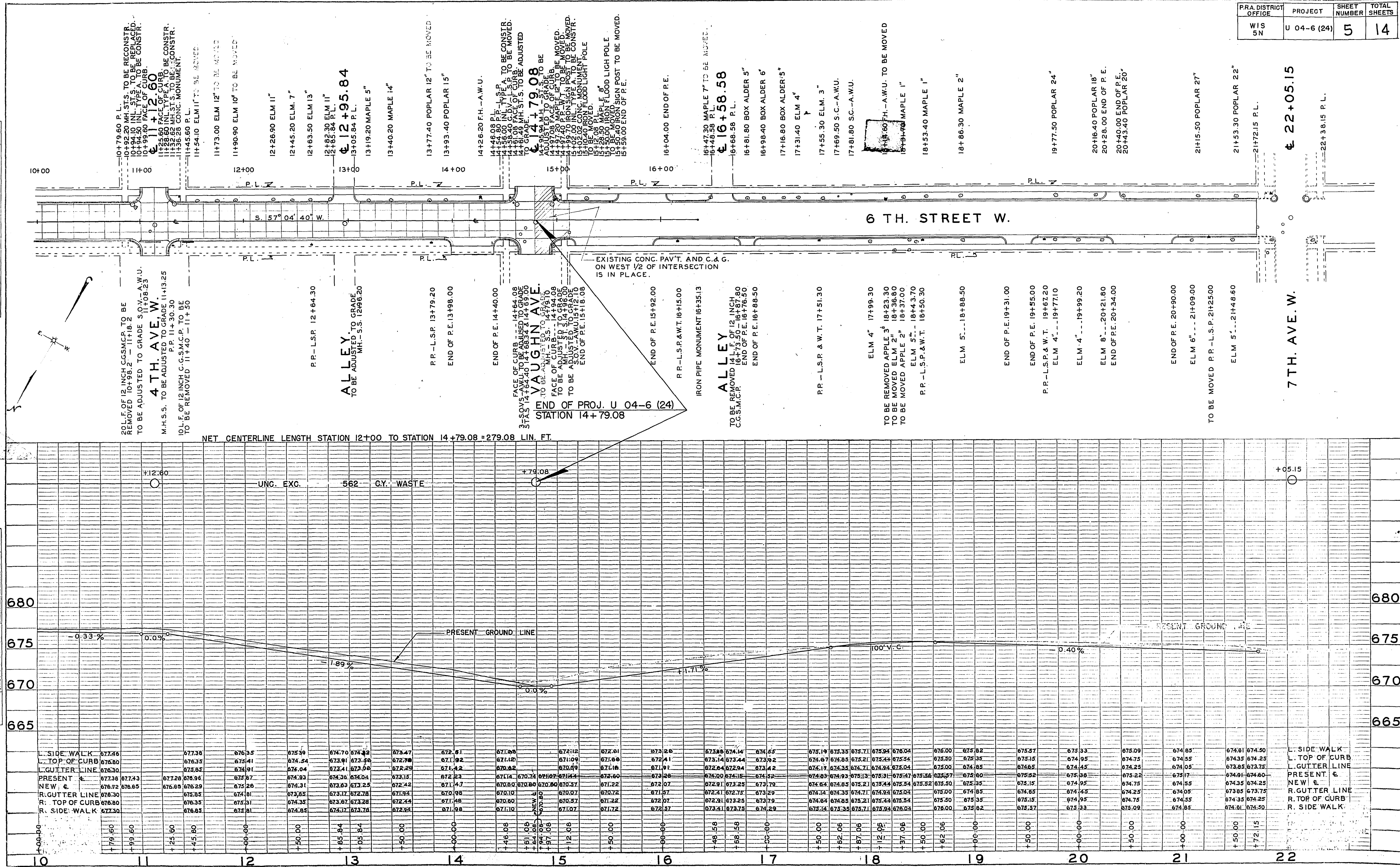
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
5N	WIS.	U04-6(24)	3A	14

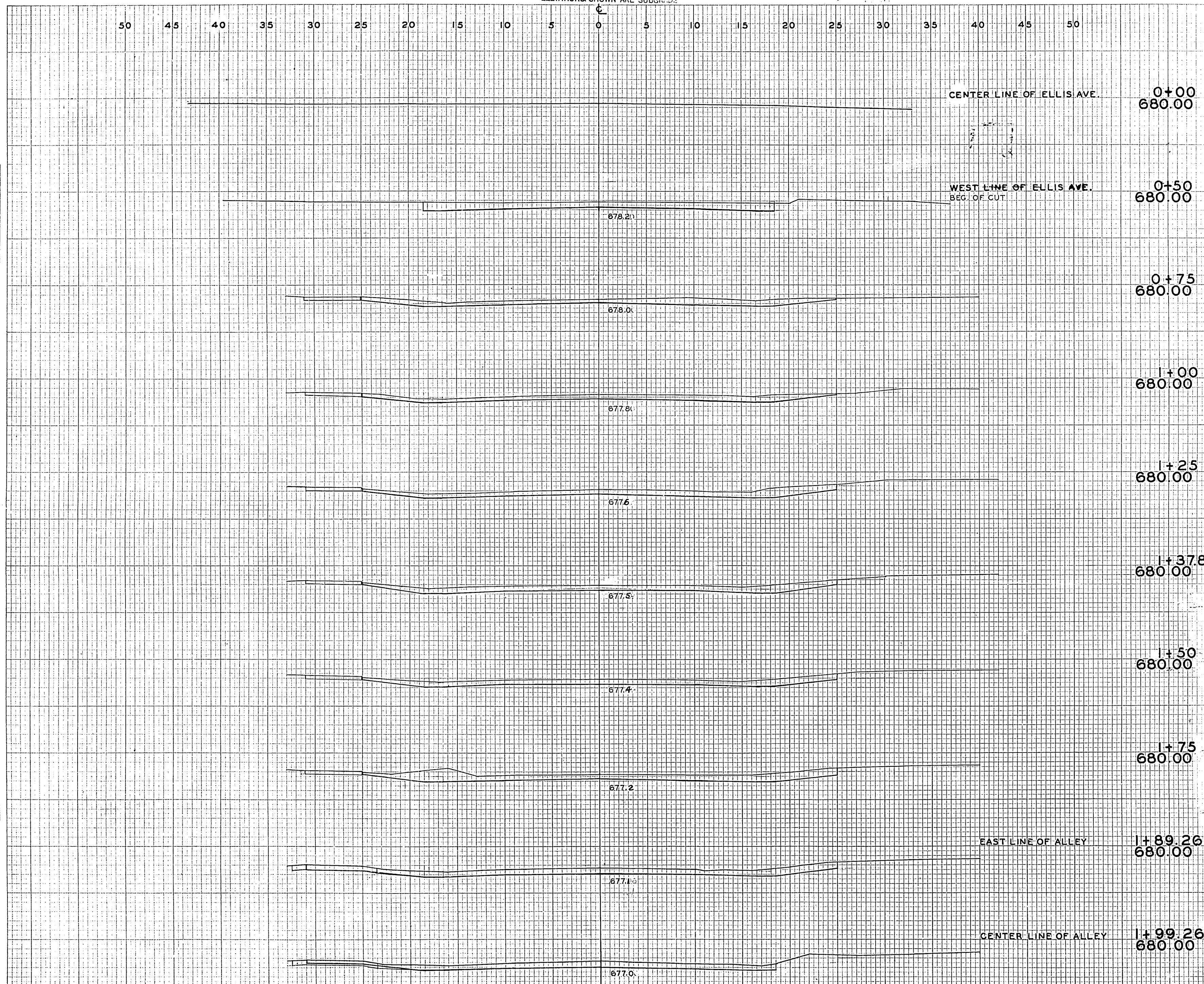
CLEARING				GRUBBING				7" CONCRETE PAVEMENT				SPEC. TYPE COMBINATION CONCRETE CURB AND GUTTER - 24"				CONCRETE BOX CULVERTS												PIPE CULVERTS											
SEC. NO.	STATION	SIDE R. OR L.	IN. DIA.	9FO NO.	STATION	SIDE R. OR L.	IN. DIA.	SEC. NO.	STATION TO STATION	LOG.	SQ. YDS	SEC. NO.	STATION TO STATION	SIDE R. OR L.	LIN. FT.			MILE NO.	STATION	CUL- VERT NO.	SHEET NUMBER	SPAN FT.	HEIGHT FT.	LENGTH FT.	EXCA- VATION C.Y.	CONC. MASONRY C.Y.	BAR STEEL LBS.	WATER- PROOFING SQ. FT.	MARK- ER POSTS	MILE NO.	STATION	DIAMETER INCHES	LENGTH LIN. FT.	TYPE	CL RDY.	P.E.&S.R. L. R.	RIP RAP	MARK-ERS	
1	4 + 55	LT.	9	1	4 + 55	LT.	9	1	0+50 - 14 + 79.08	¢	5240	1	2+17 - 2+39	LT.	22.0																								
	5 + 51.3	"	6		5 + 51.3	"	6						3+01 - 3+48.5	LT.	47.5																								
	8 + 81.4	"	8		8 + 81.4	"	8						7+96 - 3+48.5	RT.	152.5																								
	8 + 98.4	"	12		8 + 98.4	"	12	CONC. PVM'T WIDENINGS					4 + 14.5 - 5 + 49	LT.	134.5																								
	9 + 14.9	"	14		9 + 14.9	"	14						5 + 83. - 7 + 13.1	LT.	130.1																								
	11 + 54.1	"	12		11 + 54.1	"	12						5 + 25 - 7 + 13.1	RT.	188.1																								
	11 + 73	"	14		11 + 73	"	14	SEC	STATION TO STATION	LOC.	SQ. YDS		7 + 79.1 - 9 + 15	LT.	135.9																								
	11 + 90.9	"	12		11 + 90.9	"	12						9 + 50 - 10 + 79.6	LT.	129.6																								
	12 + 26.2	"	12		12 + 26.2	"	12	1	3 + 58.53 - 4 + 04.53	LT.& RT.	96.9		7 + 78.5 - 10 + 79.6	RT.	301.1																								
	12 + 45.2	"	8		12 + 45.2	"	8		7 + 23.13 - 7 + 69.13	LT.	48.5		11 + 45.6 - 12 + 81	LT.	135.4																								
	12 + 63.5	"	14		12 + 63.5	"	14		10 + 89.6 - 11 + 35.6	LT.& RT.	96.9		13 + 12 - 14 + 46.1	LT.	134.1																								
	12 + 82.3	"	12		12 + 82.3	"	12		14 + 41.08 - 14 + 79.08	LT.& RT.	61.4		11 + 45.6 - 13 + 92.6	RT.	247.0																								
	13 + 19.2	"	6		13 + 19.2	"	6						ELLIS AVE. INTERSEC.		32.7																								
	13 + 40.2	"	14		13 + 40.2	"	14		TOTAL		303.7		2ND AVE. INTERSEC.		61.4																								
	13 + 77.4	"	14		13 + 77.4	"	14						3RD AVE INTERSEC.		103.4																								
	13 + 93.4	"	16		13 + 93.4	"	16						4TH AVE INTERSEC.		122.8																								
													VAUGHN AVE INTERSEC.		54.4																								
	TOTAL		183		TOTAL		183	CONC. PVM'T. DRIVEWAYS																															
								SEC.	STATION TO STATION	LOC.	SQ. YDS																												
REMOVING CONC. PVM'T.				VITRIFIED CLAY PIPE				1				0 + 56 - 1 + 89.26	LT.	244.5																									
													0 + 56 - 1 + 89.26	RT.	246.7																								
SEC.	STATION TO STATION	LOC.	SQ. YDS										2 + 44 - 2 + 94	LT.	94.0																								
				SEC.	STATION TO STATION	SIZE	L.F.						4 + 20.5 - 5 + 17.5	RT.	180.2																								
1	14 + 16.8 - 14 + 79.08	L&R	318										7 + 34.13 - 7 + 46.13	RT.	22.3																								
				1	7 + 28 - 7 + 64	10"	12						13 + 98 - 14 + 40	RT.	79.3																								
					10 + 95 - 11 + 31	10"	42																																
REMOVING MANHOLES				TOTAL				54				TOTAL				867.0																							
SEC.	STATION	LOC.	NO.																																				
1	10 + 92	LT.	1					CONC. PVM'T ALLEYS :																															
				SEC.	STATION TO STATION	LOC.	SQ. YDS																																
REMOVING INLETS				MANHOLES (COMPLETE)				1				1 + 89.26 - 2 + 09.26	LT	38.9																									
SEC.	STATION	LOC.	NO.	SEC.	STATION	TYPE	LOC.	NO.					5 + 53.83 - 5 + 73.83	"	38.9																								
1	7 + 27	LT.	1										9 + 19.36 - 9 + 39.36	"	38.9																								
	7 + 66.5	"	1	1	7 + 35	TYPE "A"	LT	1					12 + 85.84 - 13 + 05.84	"	38.9																								
	10 + 94	"	1		7 + 66.5	" "	"	1																															
	11 + 32.6	"	1		11 + 02	" "	"	1					TOTAL		155.6																								
	TOTAL		4		11 + 32.6	" "	"	1																															
REMOVING CONC. SIDEWALK				TOTAL				4				INLETS (COMPLETE)																											
SEC.	STATION TO STATION	LOC.	SQ. YDS					SEC.	STATION	TYPE	LOC.	NO.																											
1	0 + 56.0 - 2 + 09.26	LT.	102.2					1	7 + 30	TYPE "A"	LT	1																											
	2 + 44.0 - 2 + 94.0	LT.	33.3	MANHOLE COVERS					7 + 62	" "	LT.	1																											
	5 + 53.83 - 5 + 73.83	"	13.3						10 + 94.6	" "	RT.	1																											
	9 + 19.36 - 9 + 39.36	"	13.3	SEC.	STATION	TYPE	LOC.	NO.					10 + 94.6	" "	LT.	1																							
	12 + 85.84 - 13 + 05.84	"	13.3						11 + 28.6	" "	LT.	1																											
				1	2 + 00.4	TYPE "A"	¢	1	14 + 56	" "	LT.	1																											
	TOTAL		175.4		5 + 64.5	" "	"	1																															
ADJUSTING MANHOLE COVERS					7 + 46.8	" "	"	1	TOTAL				6																										
SEC.	STATION	LOC.	NO.		9 + 30.7	" "	"	1																															
					11 + 13.2	" "	"	1																															
1	2 + 00.4	¢	1		12 + 96.2	" "	"	1																															
	5 + 64.5	"	1		14 + 61.5	" "	LT.	1																															
	7 + 46.8	"	1		TOTAL			7																															
	9 + 30.7	"	1	REMOVING CONC. CURB																																			
	11 + 13.2	"	1																																				
	12 + 96.2	"	1	SEC.	STATION TO STATION	LOC.	L.F																																
	14 + 61.5	LT.	1	1	14 + 16.8 - 14 + 64.4	LT.	62																																
	TOTAL		7																																				

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 5N	U 04-6 (24)	5	14

PLAN	DATE
NOTED P.L. 11+00 RT. OF WAY CHECKED	

PROFILE	DATE
NOTED P.L. 11+00 RT. OF WAY CHECKED	



[illegible]

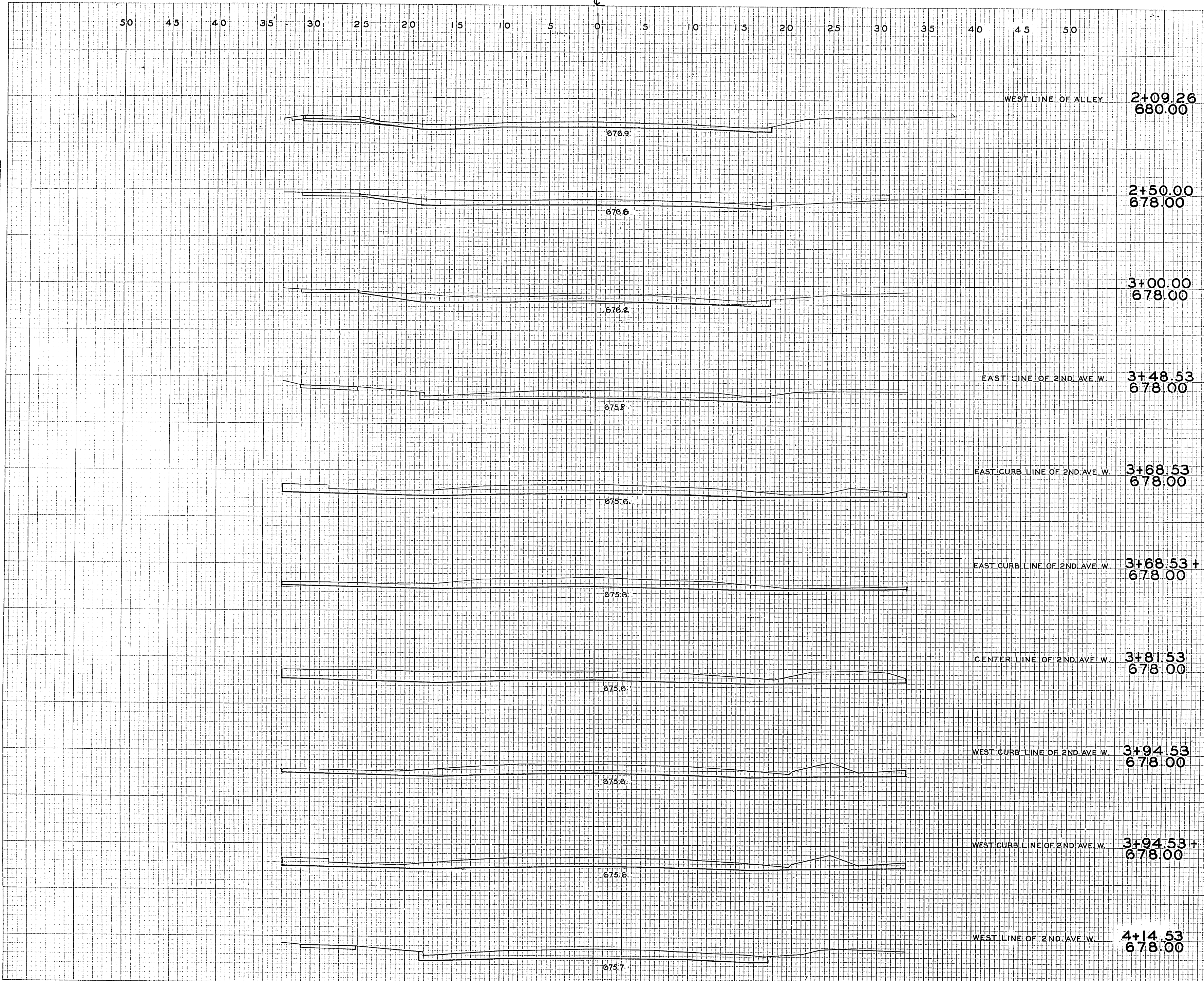
SHEET TOTAL

95 33 128

30478 MADE IN U. S.

FINAL
SURVEY
NOTE: 1/10/10

ORIGINAL
SURVEY
NOTE: 1/10/10



P.R.A. DISTRICT OFFICE		PROJECT		SHEET NUMBER	TOTAL SHEETS					
WIS. 5N		U 04-6(24)		9	14					
STATIONS	END AREA				DISTANCE	YARDAGE				
	EXCAVATION			FILL		EXCAVATION				FILL
	UNCL	PE ALLEY	TOTAL			UNCL	PE ALLEY		TOTAL	
1+99	17	2	19							
2+09	16	2	18		10	6	1		7	
+50	15	3	18		41	23			23	
3	18	4	22		50	30	6		36	
+48	22		22		48	36			36	
+68	42		42		20	23			23	
+81	62		62		13	25			25	
+94	48		48		13	26			26	
4+4	31		31		20	29			29	

[illegible]

239	13	252
-----	----	-----

19670 MADE IN U. S. A.

FINAL
SURVEY
DATE 10/15/10

ORIGINAL
SURVEY
DATE 10/15/10

700
R.D.
X.D.

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEET
WIS 5N	U 04-6(24)	11	14

7+00.00
678.00

7+13.13
678.00

7+33.13
678.00

7+46.13
678.00

7+59.13
678.00

7+79.13
678.00

8+00.00
678.00

8+50.00
678.00

9+00.00
678.00

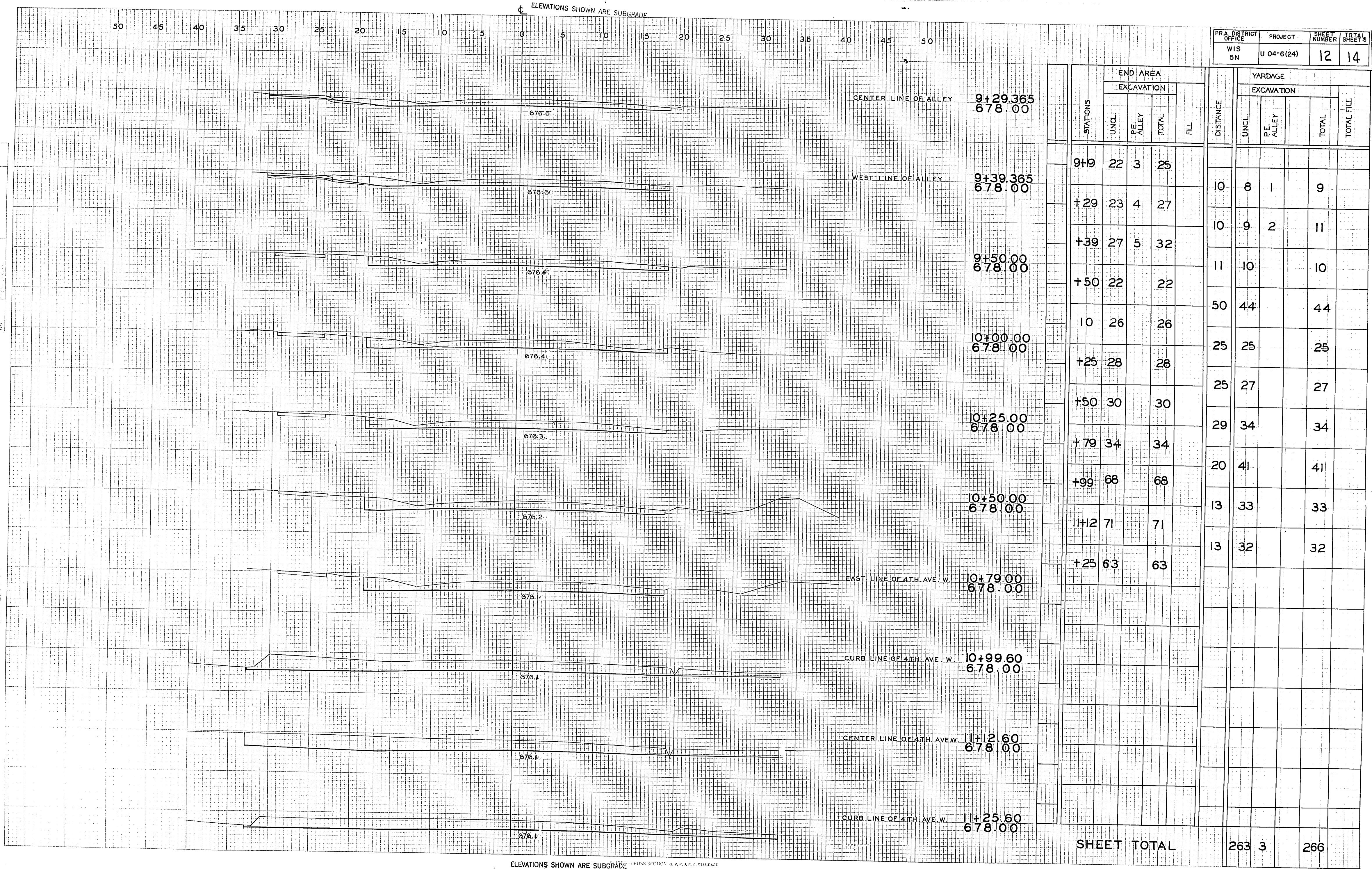
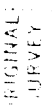
9+19.365
678.00

SHEET TOTAL

166

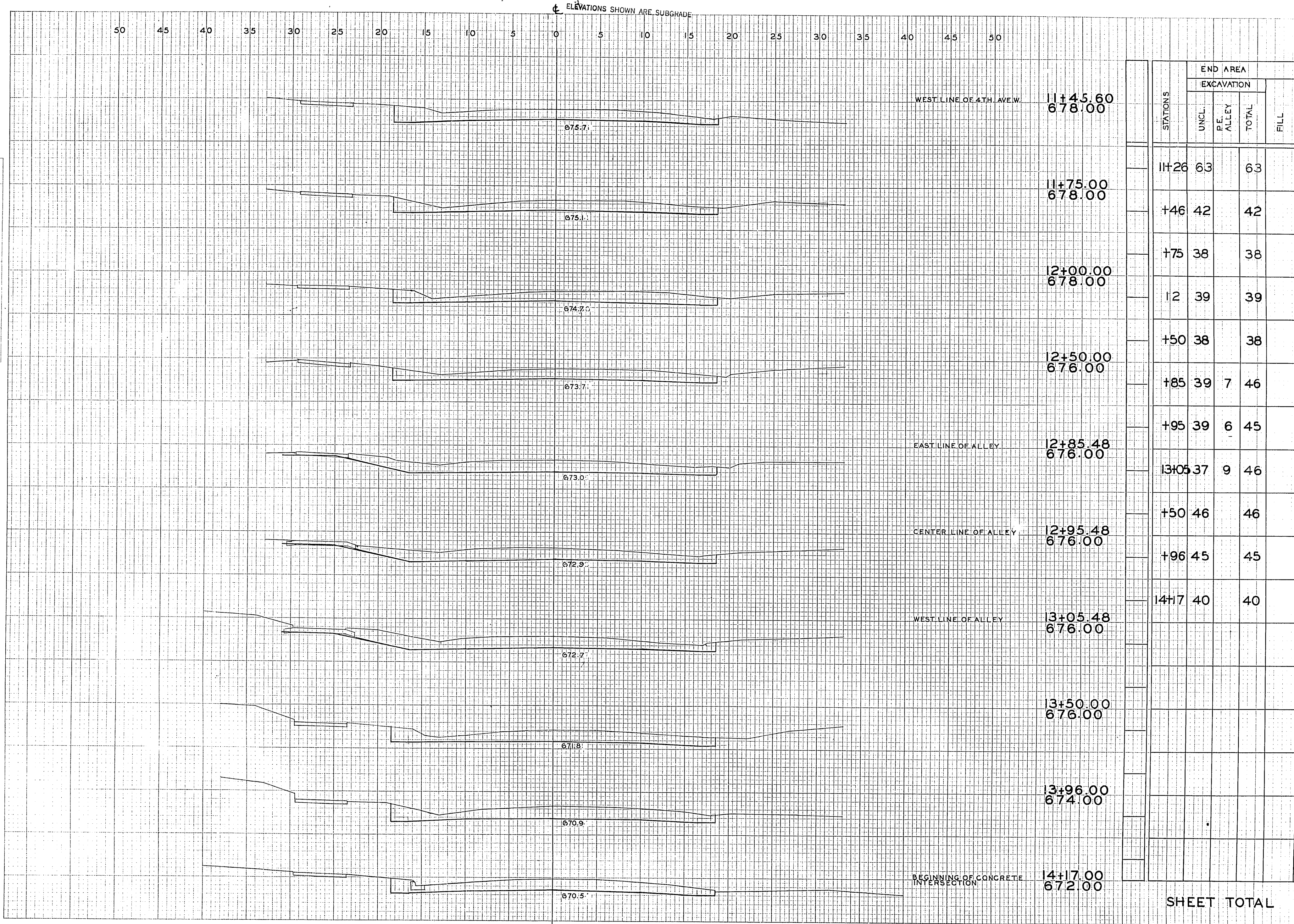
166

ELEVATIONS SHOWN ARE SUBGRADE CROSS SECTION D.P.R. & R.F. STANDARD
KEUFFEL & ESSER CO., NEW YORK.



FINAL SURVEY
DATE 10/15/15
BY [signature]
CHECKED [signature]
NO.

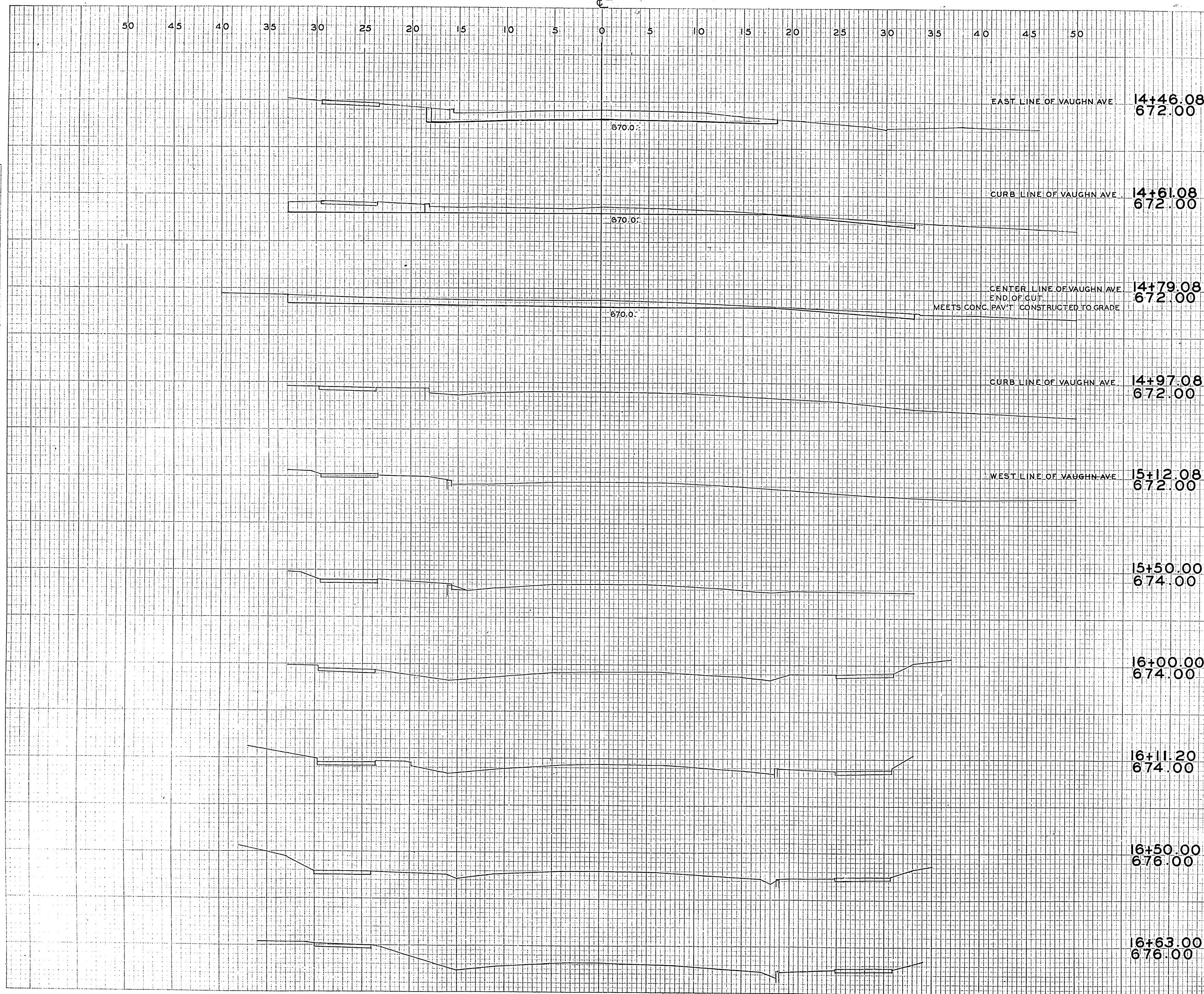
ORIGINAL SURVEY
DATE 10/15/15
BY [signature]
CHECKED [signature]
NO.



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 5N	U04-6(24)	13	14

STATIONS	END AREA				DISTANCE	YARDAGE				
	EXCAVATION			FILL		EXCAVATION				TOTAL FILL
	UNCL.	P.E. ALLEY	TOTAL			UNCL.	P.E. ALLEY		TOTAL	
11+26	63		63							
+46	42		42		20	39			39	
+75	38		38		29	43			43	
12	39		39		25	36			36	
+50	38		38		50	71			71	
+85	39	7	46		35	50			50	
+95	39	6	45		10	14	2		16	
13+05	37	9	46		10	13	3		16	
+50	46		46		45	69			69	
+96	45		45		46	77			77	
14+17	40		40		21	32			32	
									</	

ELEVATIONS SHOWN ARE SUBGRADE

[illegible]

SHEET TOTAL

81

81

FINAL SURVEY	DATE	TIME
NOTE BOOK		
NO.		

DATE	DESCRIPTION	AMOUNT	BALANCE
9/15	P.O.		
9/15	P.O.		
9/20	P.O.		
9/20	P.O.		