INDEX OF SHEETS

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT STATE	CLASS AND AGREEMENT FEDERAL	B.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
44.6	324.0		11.7	4 WIS.	1	12

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

C.T.H. "EE" - SEYMOUR ROAD

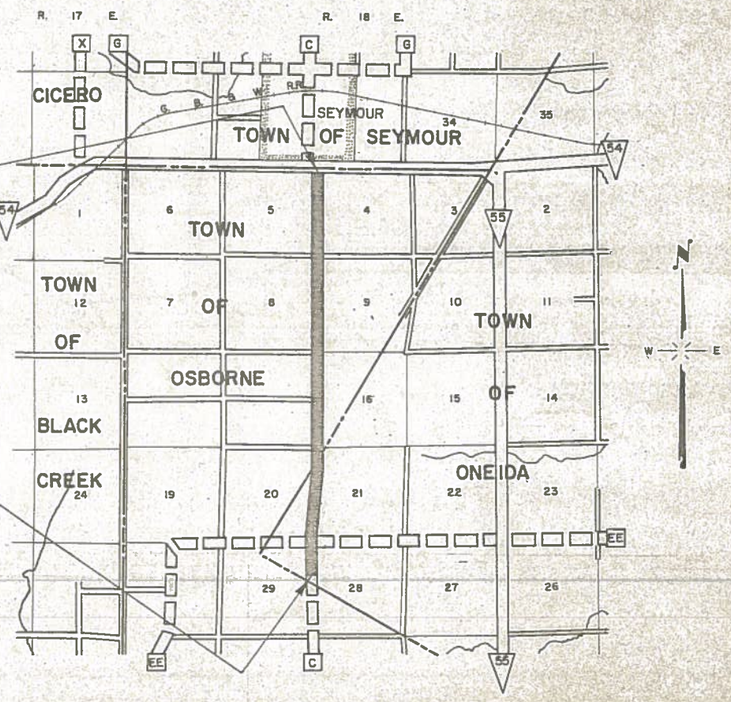
C.T.H. "C"

OUTAGAMIE COUNTY

PROJ. S 0324 (7)

RECEIVED
JUL 28 1998
OMNNI ASSOCIATES

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.



STA. 464+11.2 END
PROJ. S 0324(7) =
33' SO. & 1' EAST OF N.W. COR.
SEC. 4, T 23 N - R 18 E.
STA. 464+11.2, END PROJ. S 0324(4)

STA. 238+00 BEGIN
PROJ. S 0324 (7) =
1862' SO. & 40' EAST OF N.W. COR.
SEC. 28, T 23 N - R 18 E.
STA. 238+00, BEGIN PROJ. S 0324(4)

LAYOUT

SCALE 0 .5 1 MILES

TOTAL NET LENGTH OF CENTERLINE = 4.282 MI.

CONVENTIONAL SIGNS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
NEW RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
WIRE FENCE { WOVEN, BARBED
LOT LINE
CORPORATE OR CITY LIMITS
PROPERTY LINE P.L. + 32.6
TRAVELED WAY OR P.E.
RAILROADS
BASE OR SURVEY LINE 30

CULVERTS IN PLACE
CULVERTS REQUIRED
DROP INLET
POWER POLE
TELEPHONE OR TELEGRAPH POLE
RIGHT OF WAY MARKERS
REFERENCE STAKE FOR HUBS ONLY 281.7 2.0.9
MARSH
HEDGE
TREES
GROUND ELEVATION DATUM LINE 73.9
GRADE ELEVATION DATUM LINE 75.16

(Conte - Roy +11.2)

Project B 63-16.2 "C"

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYED D.H. NOTE BOOK 382 - 383
DISTRICT COMPUTED R.J.H. M. C. CHECKED W.H.B.
DISTRICT CHECKED C.W.M. CORRECT

CORRECT:
DATE 2-3-64 DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 2-11-64 ENGINEER OF DESIGN

APPROVED
DATE 2/11/64 STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:
DATE
DIVISION ENGINEER

FIELD INSPECTED 29 JAN. 1961 C.C.E., W.H.C. C.B., OUTAG. CO.

C-9

C-9

S 0324(7)

ESTIMATE OF QUANTITIES

CONTRACT NO. 182

PROJECT	SHEET NUMBER	TOTAL SHEETS
9 0324 (7)	2	12

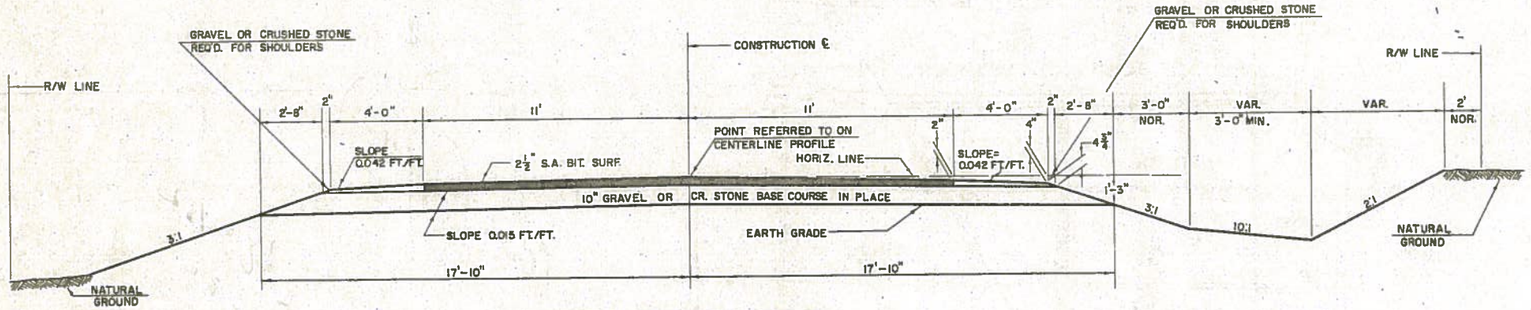
THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN—EDITION OF 1963
APPROVED OCTOBER 16, 1963. FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED OCTOBER 29, 1963. AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

CONTRACT NO.	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		CULVERT PIPE					RIP-RAP	GUARD FENCE		MARKER POSTS	MARKER POSTS FOR R/W	PREP. OF FOUND. FOR BIT. PAVING	BITUM. MAT'L. FOR PRIME COAT	PLACING SINGLE AGGREGATE BITUMINOUS SURFACE	BITUM. MAT'L. FOR SURFACE COURSE	PRODUCING AND HAULING SINGLE AGGREGATE BITUMINOUS SURFACE	TOPSOIL		FERTILIZER	SEEDING
	ITEM NO.										30411 PRODUCING AND STOCKPILING	30416 HAULING AND PLACING											21101	40202	90001	40602	90002				
	UNIT	LIN. FT.			C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	TON	TON	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.		EACH	EACH		L.S.	GAL.	TON	TON	TON		SQ. YD. SALVAGED	CWT.	SQ. YD.
1	238+00 – 464+11.2	22,611.2										3,000												9,500	8,400					
2	238+00 – 464+11.2	22,611.2									3,000															500	8,400			
	TOTALS	22,611.2									3,000	3,000												9,500	8,400	500	8,400			

GENERAL NOTES

CONSTRUCTION DETAILS NOT SHOWN SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, STANDARD DRAWINGS, AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN THE QUANTITY OF ITEMS OF SUBBASE, BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL DIRECTED BY THE ENGINEER.



TYPICAL FINISHED SECTION

STANDARD DRAWINGS

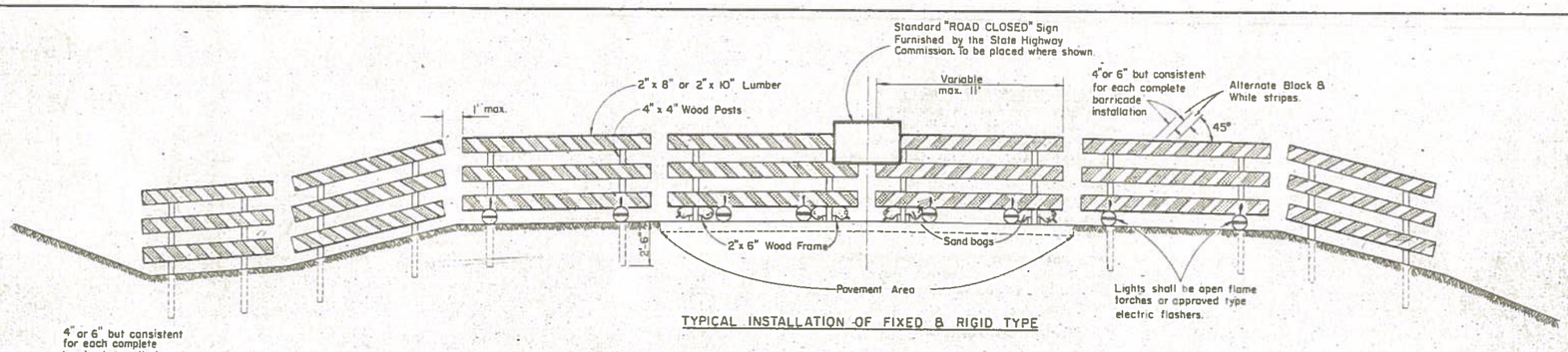
CONSTRUCTION BARRICADE 7-4.1.4
DESIGN FOR SIDE ROAD INTERSECTIONS 9-1.1.4

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

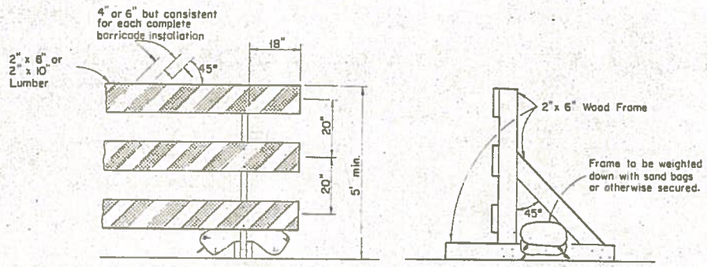
TYPICAL CROSS SECTION
FOR
22' FT. BIT. SURF.

11-12

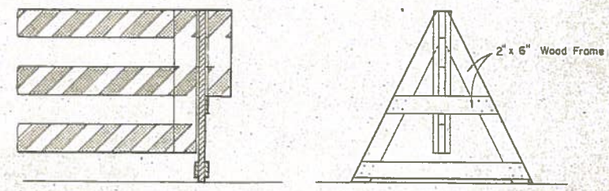
CLASS I BARRICADE



TYPICAL INSTALLATION OF FIXED & RIGID TYPE



ALTERNATE TYPE INSTALLATION (RIGID)



ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

GENERAL NOTES

The Contractor shall construct, place and maintain barricades as shown on this drawing and as required by the Standard Specifications for the duration of the project at all points of highway closure. Barricades shall be painted as shown hereon and structurally maintained for maximum visibility at all times, for the duration of the respective project.

CLASS I BARRICADE

Shall be used at points of closure where road is closed to traffic. Gates or movable sections of barricade shall be provided when necessary, for access of equipment or other authorized vehicles only.

CLASS II BARRICADE

May be used only where the hazard to traffic is relatively small, and for the more or less continuous delimiting of a restricted roadway, or for temporary daytime use.

LUMBER & FABRICATION

Lumber shall be of a grade structurally sound and sufficiently rigid to satisfactorily support and maintain the purpose and intent of a barricade facility. The fabrication of the barricade shall be in accord with good pertinent woodworking practices.

PAINTING

Barricades shall be painted as shown hereon in alternate black and white stripes. Black stripes shall be painted with weather resistant and durable black paint. White stripes shall be painted a prime coat of good grade wood primer, followed by two coats of white "Codit Reflective Liquid" (Minnesota Mining Co.) or equivalent, or reflective sheeting wide angle, flat top "Scotchlite" brand material (Minnesota Mining Co.) or equivalent.

DIRECTION OF DIAGONAL STRIPES

Where a barricade extends entirely across the roadway and no vehicle access provision, the stripes shall slope downward toward the highway centerline.

Where vehicle access is permitted, the stripes shall slope downward in the direction toward which vehicles must turn in detouring.

Where both right and left turns are provided for, the stripes shall slope downward in both directions from the center.

MEASUREMENT & PAYMENT

All barricades, unless otherwise provided for in the plans and/or special provisions shall be furnished, placed, and maintained as noted above, and no additional compensation will be allowed but shall be construed to be included in the price bid for other items.

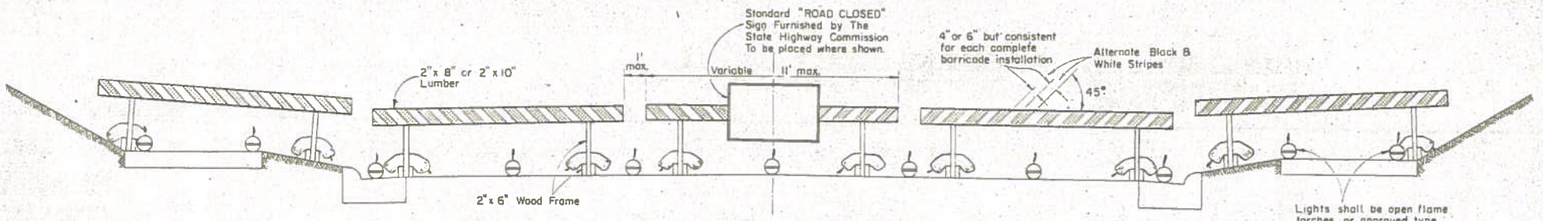
NOTE:

Lighting devices for barricades shall conform to the requirements of the Standard Specifications.

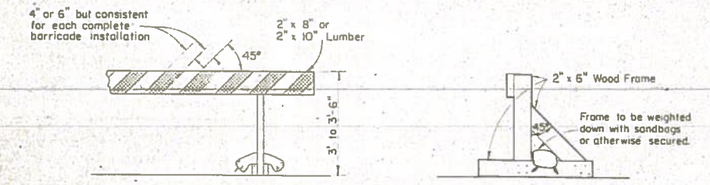
NOTE:

All lumber or timber dimensions shown hereon are nominal.

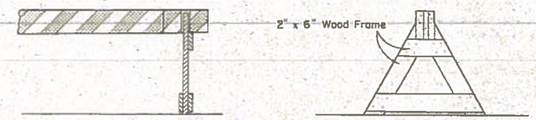
CLASS II BARRICADE



TYPICAL INSTALLATION OF RIGID TYPE



ALTERNATE TYPE INSTALLATION (RIGID)



ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

CONSTRUCTION BARRICADE

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL:

2-5-63 — DATE — J. J. Pilf — ENGINEER OF DESIGN

APPROVED

2/6/63 — DATE — E. C. Ruetten — STATE HIGHWAY ENGINEER

PLATE NO. 7-4.1.4

12-12

SIDE ROAD SURFACING NOTE

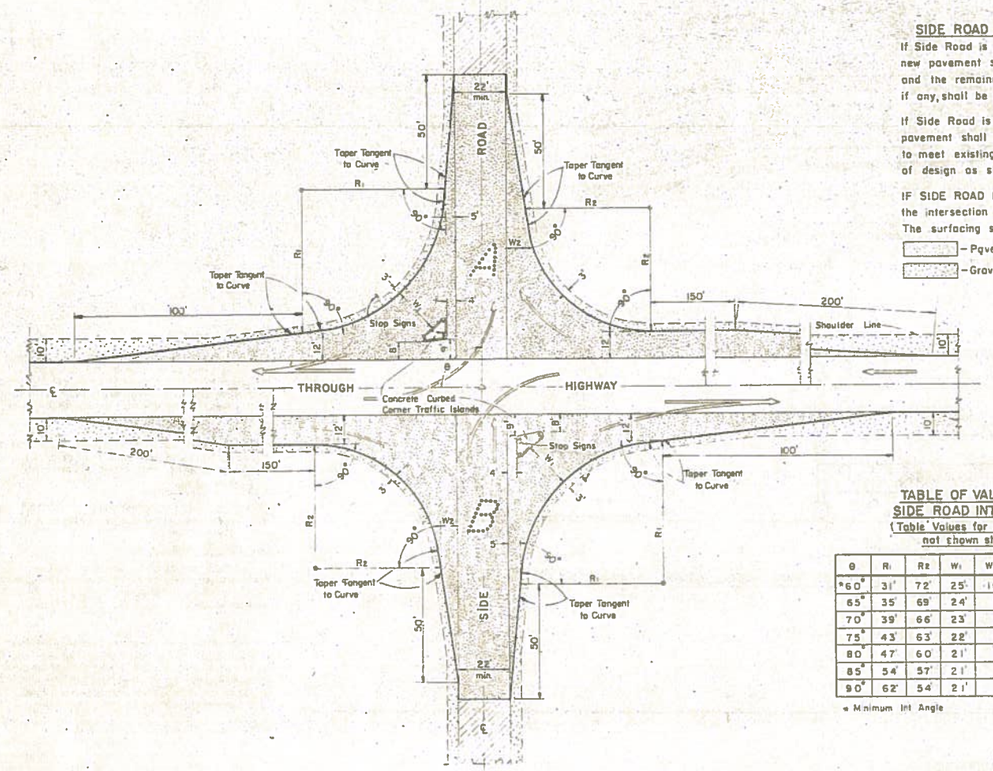
If Side Road is not presently surfaced, new pavement shall be placed as shown, and the remainder to construction limits, if any, shall be gravel or crushed stone surfaced.

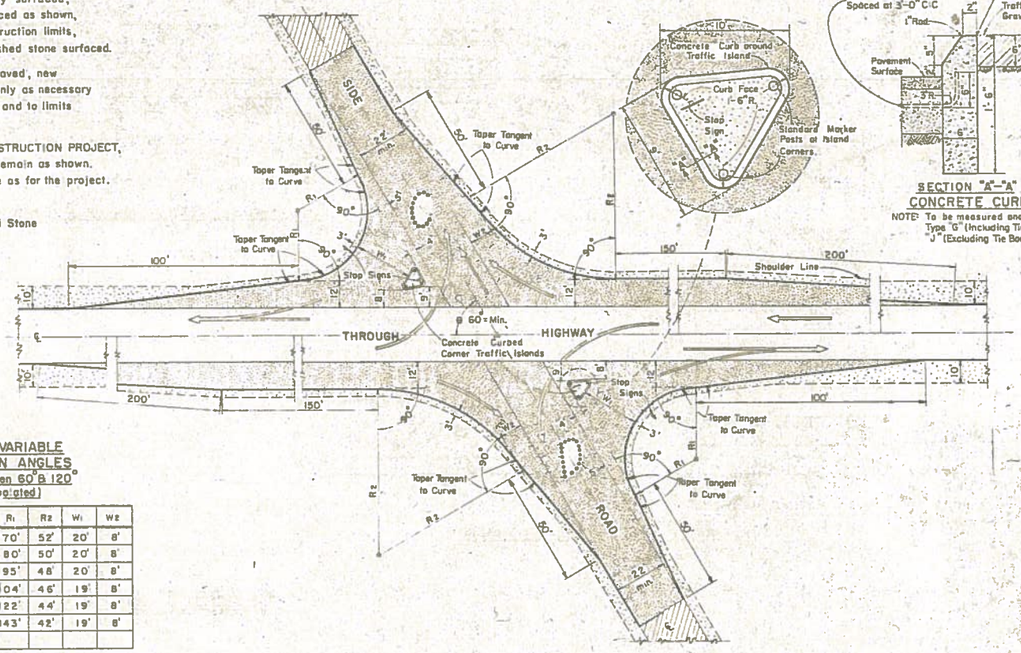
If Side Road is presently paved, new pavement shall be placed only as necessary to meet existing pavement, and to limits of design as shown.

IF SIDE ROAD IS THE CONSTRUCTION PROJECT, the intersection geometrics remain as shown. The surfacing shall be same as for the project.

— Pavement

— Gravel or Crushed Stone





SECTION "A"–"A"
CONCRETE CURB

NOTE: To be measured and paid for as Type "G" (Including Tie Bars) or Type "J" (Excluding Tie Bars) Concrete Curb

TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES

(Table Values for Angles between 60° & 120° not shown shall be interpolated)

θ	R1	R2	W1	W2
*60°	31'	72'	25'	10'
65°	35'	69'	24'	9'
70°	39'	66'	23'	8'
75°	43'	63'	22'	8'
80°	47'	60'	21'	8'
85°	54'	57'	21'	8'
90°	62'	54'	21'	8'

θ	R1	R2	W1	W2
95°	70'	52'	20'	8'
100°	80'	50'	20'	8'
105°	95'	48'	20'	8'
110°	104'	46'	19'	8'
115°	122'	44'	19'	8'
*120°	143'	42'	19'	8'

* Minimum Int. Angle

** Maximum Int. Angle

MAJOR SIDE ROAD INTERSECTION DESIGN DETAILS

To be used only when current ADT on Through Highway is 1500 or over, and on Side Road is Over 200

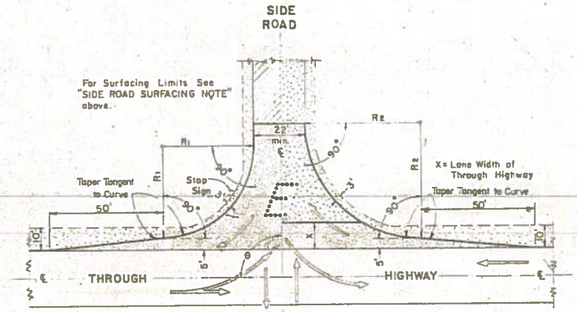


TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES

(Table Values for Angles between 60° & 120° not shown shall be interpolated)

θ	R1	R2
* 60°	40'	50'
65°	40'	50'
70°	40'	50'
75°	40'	50'
80°	40'	50'
85°	40'	50'
90°	40'	50'

θ	R1	R2
95°	45'	49'
100°	50'	48'
105°	55'	47'
110°	60'	46'
115°	65'	45'
**120°	70'	44'

* Minimum Int. Angle

** Maximum Int. Angle

MINOR SIDE ROAD INTERSECTION DESIGN DETAILS

To be used when current ADT on Through Highway is Less than 1500 or on Side Road is Less than 200

GENERAL NOTES

Designs "A" "B" "C" "D" or "E" may be used interchangeably in combination or separately for any one complete intersection depending upon Traffic Volume, Intersection angle and Surfacing of each approach roadway.

Details on this drawing are for Minimum Design Only, and not applicable to Special Conditions, as shown elsewhere on the plans.

DESIGN & LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTIONS (RURAL IN CHARACTER)

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL

DATE 2-5-63 J. S. Pelt ENGINEER OF DESIGN

APPROVED

DATE 2/6/63 R. L. Rostigan STATE HIGHWAY ENGINEER

PLATE NO. 9-11.4

BENCH MARKS

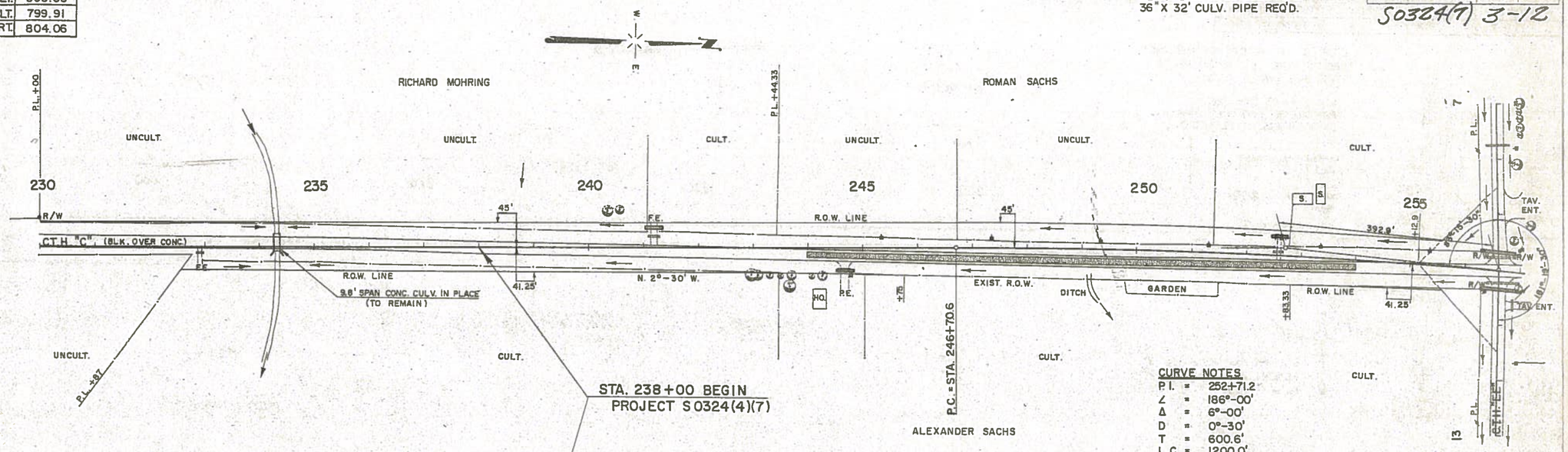
NO.	STATION	DESCRIPTION	ELEV.
1	230+18	SPIKE IN 40" TWIN ELM 72' LT.	800.08
2	236+84	" " 24" OAK 120' LT.	799.91
3	240+10	PT. MK. NW. COR. CONC. STEP. 75' RT.	804.06

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0324(4)	3	36

S0324(7) 3-12

STA. 241+18 P.E. LT.
REMOVE 36"X 22' CULV. PIPE
36"X 32' CULV. PIPE REQ'D.

STA. 252+57 P.E. LT.
REMOVE 36"X 20' CULV. PIPE
36"X 32' CULV. PIPE REQ'D.



STA. 238+00 BEGIN
PROJECT S 0324(4)(7)

STA. 244+68 P.E. RT.
REMOVE 36"X 20' CULV. PIPE
36"X 32' CULV. PIPE REQ'D.

CURVE NOTES

P.I. = 252+71.2
∠ = 186°-00'
Δ = 6°-00'
D = 0°-30'
T = 600.6'
L.C. = 1200.0'
REVERSE CROWN

NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
238+00	255+00	1700.00

UNC. EXC. = 3,059- C.Y.
FILL = 2,491 C.Y.
USE 213 C.Y. OLD CONC.

GENERAL NOTES

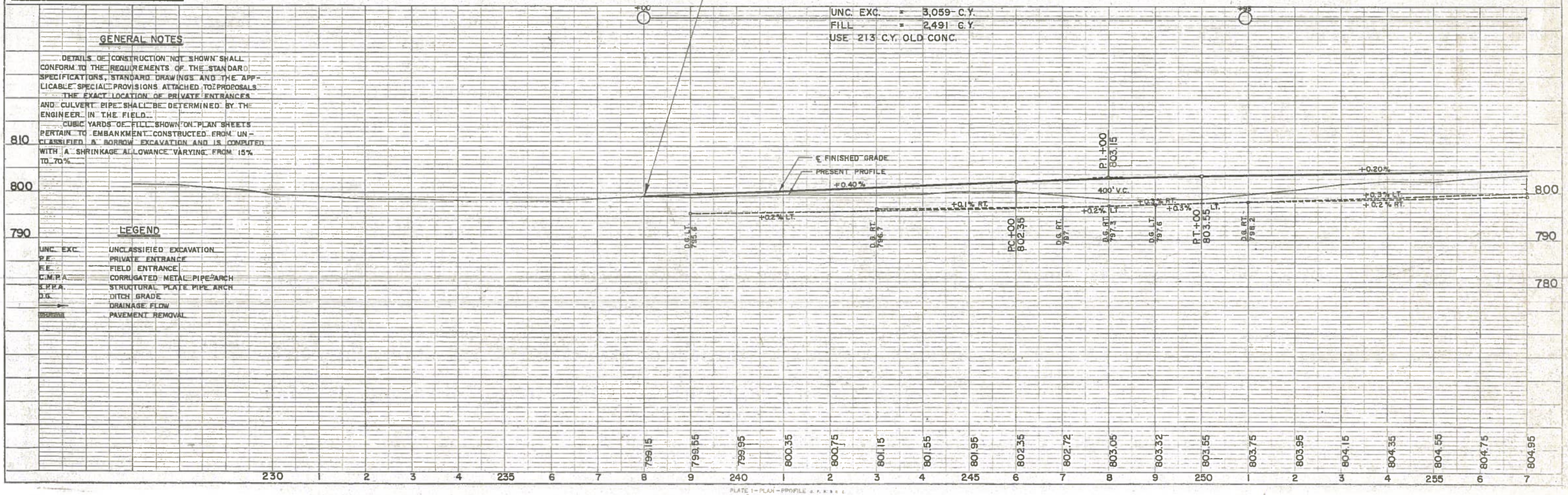
DETAILS OF CONSTRUCTION NOT SHOWN SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, STANDARD DRAWINGS AND THE APPLICABLE SPECIAL PROVISIONS ATTACHED TO PROPOSALS.

THE EXACT LOCATION OF PRIVATE ENTRANCES AND CULVERT PIPE SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

CUBIC YARDS OF FILL SHOWN ON PLAN SHEETS PERTAIN TO EMBANKMENT CONSTRUCTED FROM UNCLASSIFIED BORROW EXCAVATION AND IS COMPUTED WITH A SHRINKAGE ALLOWANCE VARYING FROM 15% TO 70%.

LEGEND

UNC. EXC.	UNCLASSIFIED EXCAVATION
P.E.	PRIVATE ENTRANCE
F.E.	FIELD ENTRANCE
C.M.P.A.	CORRUGATED METAL PIPE-ARCH
S.P.P.A.	STRUCTURAL PLATE PIPE ARCH
D.G.	DITCH GRADE
→	DRAINAGE FLOW
	PAVEMENT REMOVAL



D.H.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0324 (4)	4	36

S0324(7) 4-12

BENCH MARKS

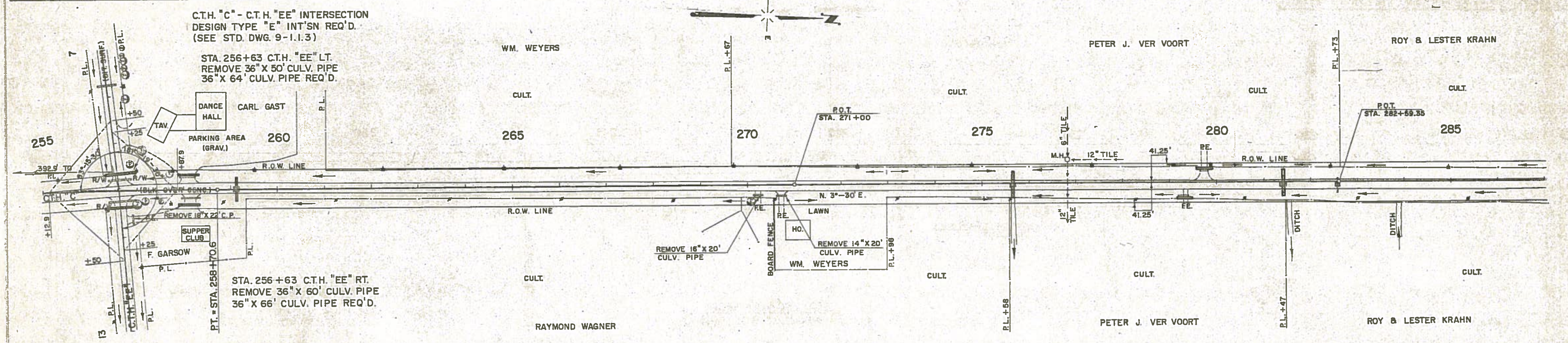
NO	STATION	DESCRIPTION	ELEV.
4	257+56	PT. MK. NE. COR. BOT. CONC STEP 100' LT.	806.63
5	271+25	" " S.W. " " " 75' RT	808.98

STA. 258+11 P.E. LT.
REMOVE 36" X 36' CULV. PIPE
36" X 46' CULV. PIPE REQ'D.

STA. 279+74 P.E. LT.
REMOVE 24" X 18' CULV. PIPE
24" X 32' CULV. PIPE REQ'D.

C.T.H. "C" - C.T.H. "EE" INTERSECTION
DESIGN TYPE "E" INT'SN REQ'D.
(SEE STD. DWG. 9-1.1.3)

STA. 256+63 C.T.H. "EE" LT.
REMOVE 36" X 50' CULV. PIPE
36" X 64' CULV. PIPE REQ'D.



STA. 256+63 C.T.H. "EE" RT.
REMOVE 36" X 60' CULV. PIPE
36" X 66' CULV. PIPE REQ'D.

NET LENGTH OF CENTERLINE		
STATION	TO STATION	LIN. FT.
255+00	285+00	3,000.00

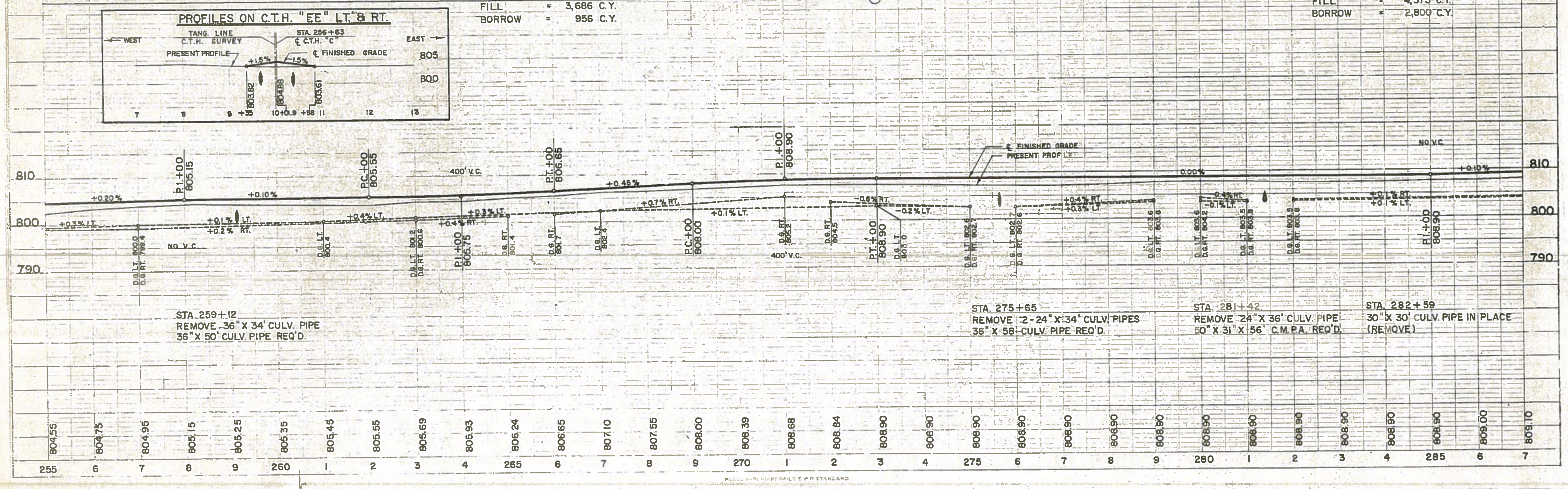
CURVE NOTES
P.I = 252+71.2
∠ = 186°-00'
Δ = 6°-00'
D = 0°-30'
T = 600.6'
L.C. = 1200.0'
REVERSE CROWN

STA. 258+15 P.E. RT.
REMOVE 36" X 40' CULV. PIPE
36" X 46' CULV. PIPE REQ'D.

STA. 279+33 F.E. RT.
REMOVE 24" X 22' CULV. PIPE
24" X 32' CULV. PIPE REQ'D.

UNC. EXC. = 3,309 C.Y.
FILL = 3,686 C.Y.
BORROW = 956 C.Y.

UNC. EXC. = 2,692 C.Y.
FILL = 4,375 C.Y.
BORROW = 2,800 C.Y.



STA. 259+12
REMOVE 36" X 34' CULV. PIPE
36" X 50' CULV. PIPE REQ'D.

STA. 275+65
REMOVE 2-24" X 34' CULV. PIPES
36" X 58' CULV. PIPE REQ'D.

STA. 281+42
REMOVE 24" X 36' CULV. PIPE
50" X 31" X 56' C.M.P.A. REQ'D.

STA. 282+59
30" X 30' CULV. PIPE IN PLACE
(REMOVE)

S 0324 (4) 5 36

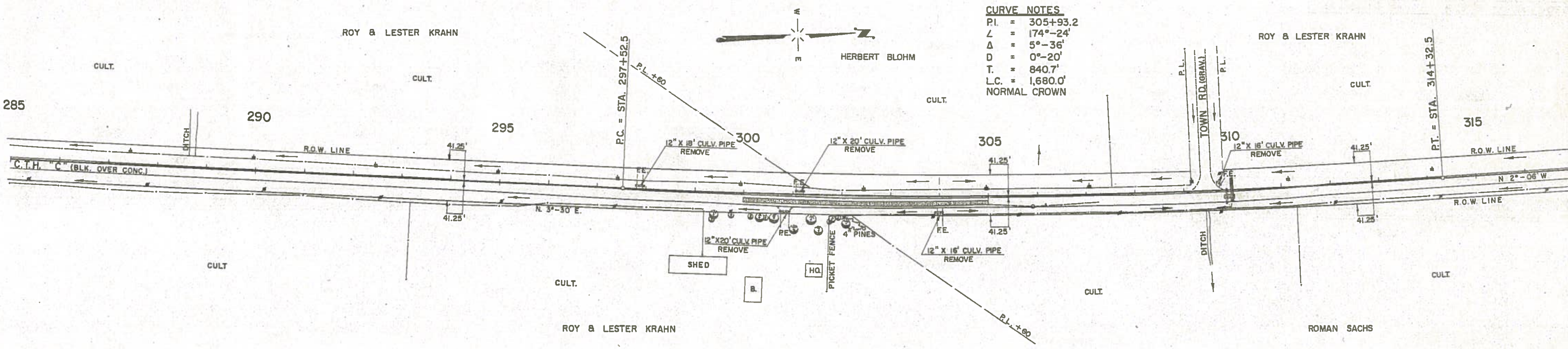
50324(7) 5-12

STA. 309+50 TN. RD. LT.
DESIGN TYPE "E" INT'S'N. REQ'D.
(SEE STD. DWG. 9-1.1.3)

BENCH MARKS

NO.	STATION	DESCRIPTION		ELEV.
6	290+00	SPIKE IN POWER POLE	30' LT.	807.17
7	301+03	20" ELM	70' RT.	814.99

CURVE NOTES
P.I. = 305+93.2
∠ = 174°-24'
Δ = 5°-36'
D = 0°-20'
T. = 840.7'
L.C. = 1,680.0'
NORMAL CROWN

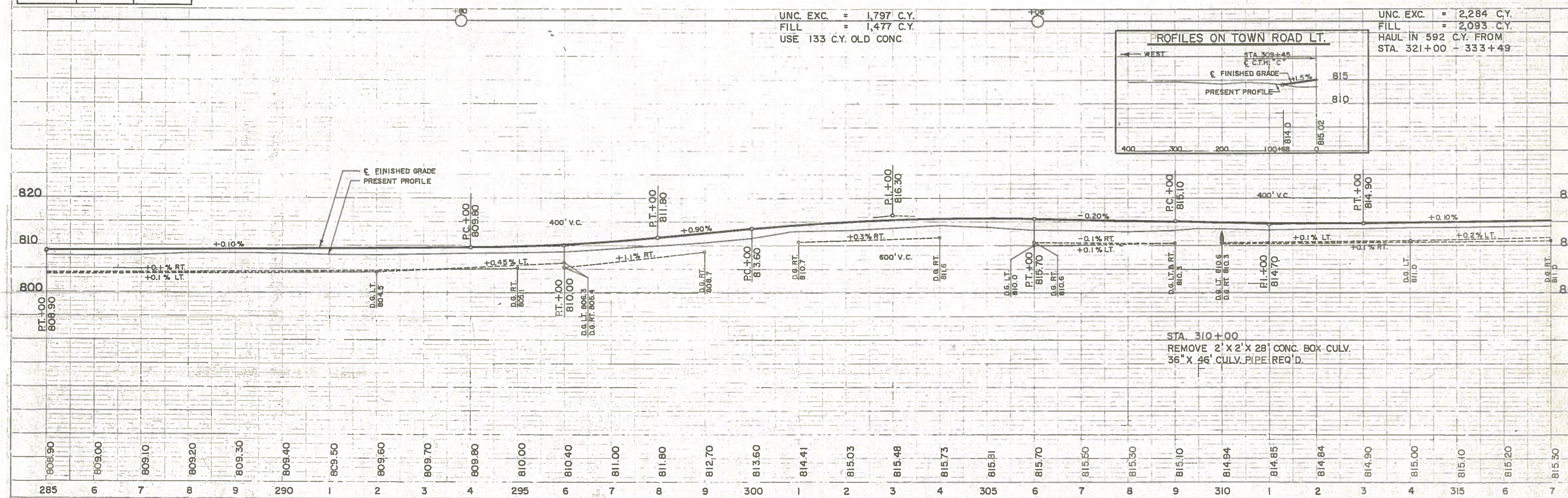


NET LENGTH OF CENTERLINE

STATION	TO STATION	LIN. FT.
285+00	315+00	3,000.00

UNC. EXC. = 1,797 C.Y.
FILL = 1,477 C.Y.
USE 133 C.Y. OLD CONC.

UNC. EXC. = 2,284 C.Y.
FILL = 2,093 C.Y.
HAUL IN 592 C.Y. FROM
STA. 321+00 - 333+49



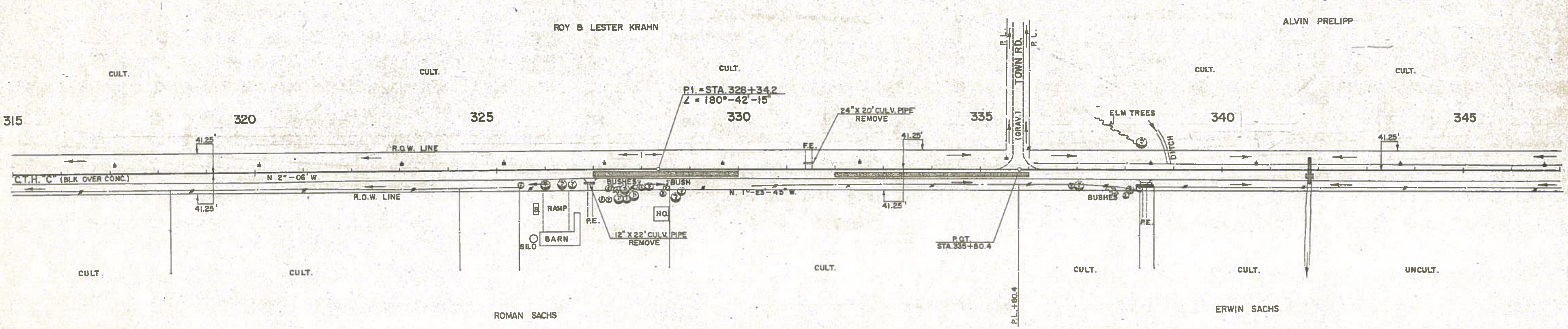
S. P. R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0324 (4)	6	36

S0324(7) 6-12

BENCH MARKS

NO	STATION	DESCRIPTION		ELEV.
8	320+09	SPIKE IN POWER POLE	13' LT.	813.67
9	327+31	" " 16" SPRUCE	56' RT.	818.59
10	335+80	" " 8" ELM	48' RT.	815.75

STA. 335+80 TN. RD. LT.
DESIGN TYPE "E" INTS'N. REQ'D.
(SEE STD. DWG. 9-1.1.3)

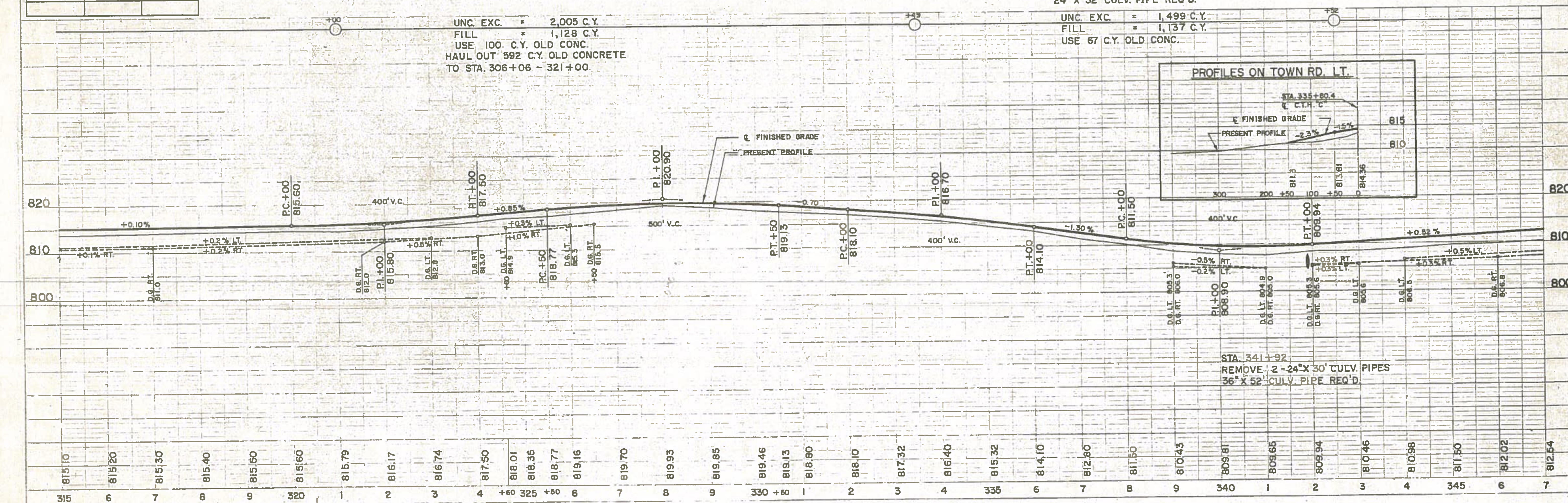


NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
315+00	345+00	3,000.00

UNC. EXC. = 2,005 C.Y.
FILL = 1,128 C.Y.
USE 100 C.Y. OLD CONC.
HAUL OUT 592 C.Y. OLD CONCRETE
TO STA. 306+06 - 321+00.

STA. 338+40 P.E. RT.
REMOVE 24"X 20' CULV. PIPE
24" X 32' CULV. PIPE REQ'D.

UNC. EXC. = 1,499 C.Y.
FILL = 1,137 C.Y.
USE 67 C.Y. OLD CONC.



S. H. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0324(4)	7	36

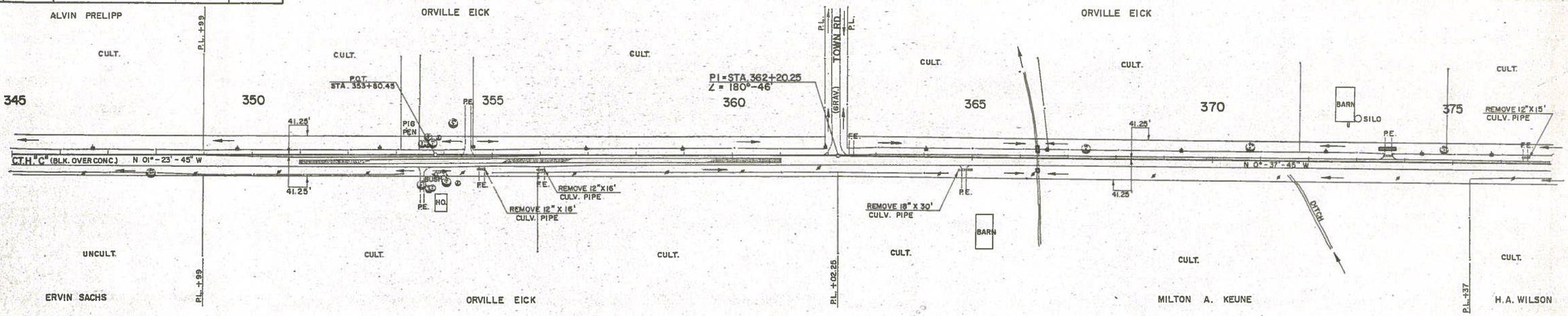
S0324(7) 7-12

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
11	347+90	SPIKE IN 30" ELM 22' RT.	811.00
12	353+71	" " 24" MAPLE 60' RT.	816.88
13	364+36	" " POWER POLE 88' RT.	805.40
14	370+77	" " 40" ELM 24' LT.	804.21
15	374+30	" " POWER POLE 110' LT.	807.57

STA. 362+20 TN. RD. LT.
DESIGN TYPE "E" INT'S'N. REQ'D.
(SEE STD. DWG. 9-1.1.3)

STA. 373+64 P.E. LT.
REMOVE 12" X 20' CULV. PIPE
24" X 32' CULV. PIPE REQ'D.



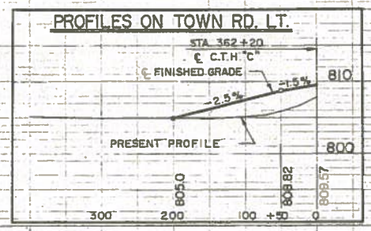
NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
345+00	375+00	3,000.00

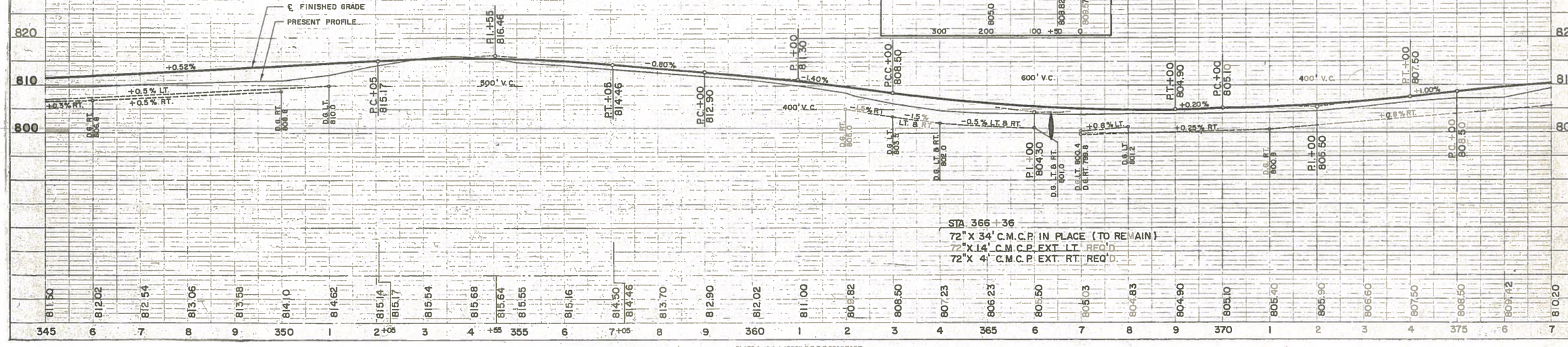
UNC. EXC. = 2,594 C.Y.
FILL = 2,065 C.Y.
USE 110 C.Y. OLD CONC.

UNC. EXC. = 1,975 C.Y.
FILL = 1,505 C.Y.
USE 254 C.Y. OLD CONC.
HAUL OUT 220 C.Y. TO SD. RD.
STA. 362+20 LT.

UNC. EXC. = 2,008 C.Y.
FILL = 854 C.Y.
HAUL OUT 833 C.Y. TO
STA. 397+50 - 400+07

PROFILES ON TOWN RD. LT.





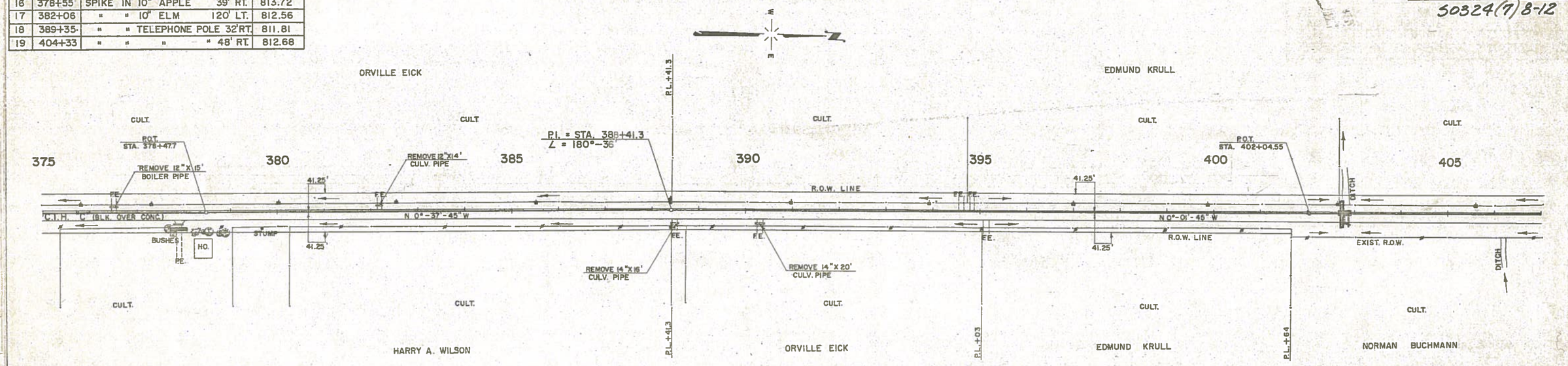
STA. 366+36
72"X 34' C.M.C.P. IN PLACE (TO REMAIN)
72"X 14' C.M.C.P. EXT. LT. REQ'D.
72"X 4' C.M.C.P. EXT. RT. REQ'D.

E. F. H. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0324(4)	8	36

50324(7)8-12

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
16	378+55	SPIKE IN 10" APPLE 39' RT.	813.72
17	382+06	" " 10" ELM 120' LT.	812.56
18	389+35	" " TELEPHONE POLE 32'RT.	811.81
19	404+33	" " " " 48' RT.	812.68



NET LENGTH OF CENTERLINE		
STATION	TO STATION	LIN. FT.
375+00	405+00	3,000.00

STA. 377+90 P.E. RT.
REMOVE 24"X 20' CULV. PIPE
24"X 32' CULV. PIPE REQ'D.

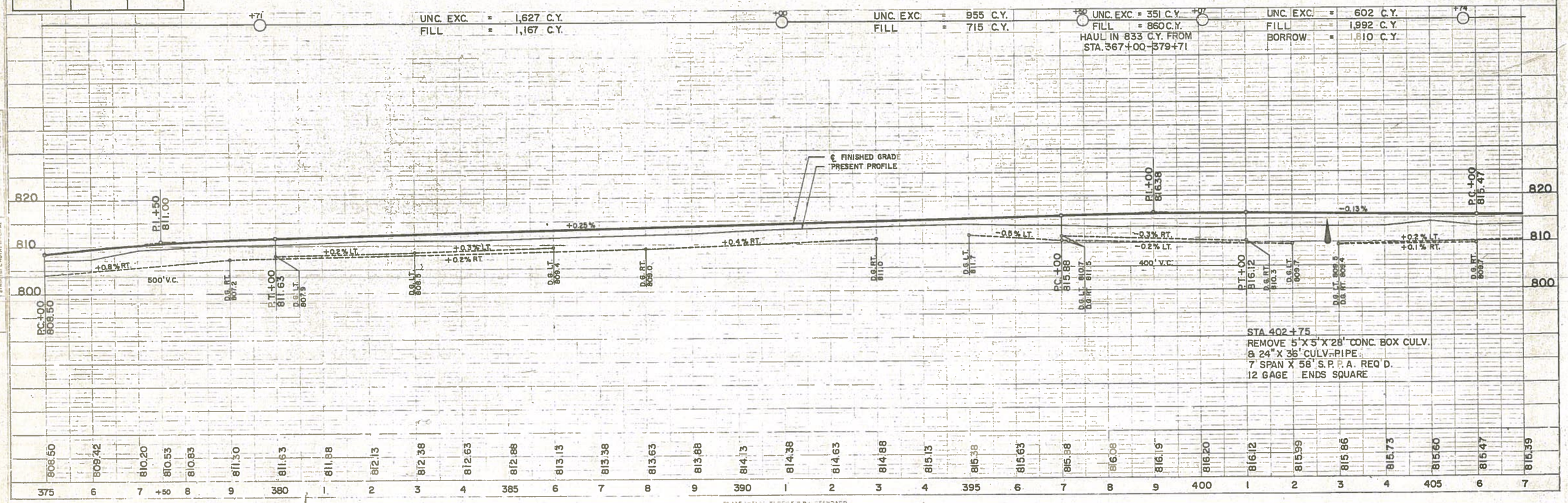
+71 UNC. EXC. = 1,627 C.Y.
FILL = 1,167 C.Y.

+88 UNC. EXC. = 955 C.Y.
FILL = 715 C.Y.

+50 UNC. EXC. = 351 C.Y.
FILL = 860 C.Y.
HAUL IN 833 C.Y. FROM STA. 367+00-379+71

+07 UNC. EXC. = 602 C.Y.
FILL = 1,992 C.Y.
BORROW = 1,810 C.Y.

+74



STA. 402+75
REMOVE 5'X 5'X 28' CONC. BOX CULV.
& 24"X 36' CULV. PIPE
7' SPAN X 58' S.P.P.A. REQ'D.
12 GAGE ENDS SQUARE

PLATE 1-FLAT PROFILE & P.I. STANDARD

DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0324(4)	9	36

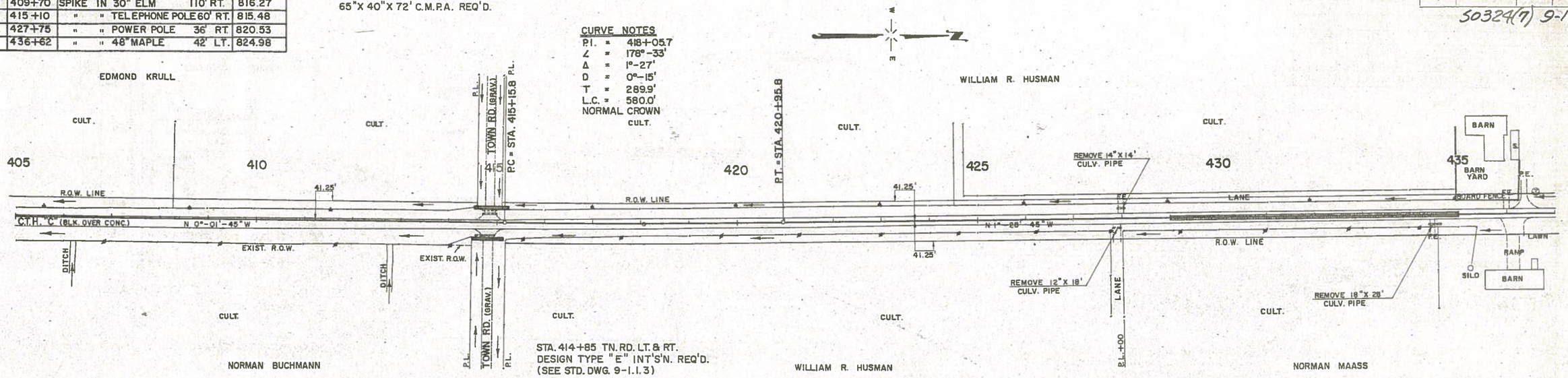
50324(7) 9-12

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
20	409+70	SPIKE IN 30" ELM 110' RT.	816.27
21	415+10	" " TELEPHONE POLE 60' RT.	815.48
22	427+75	" " POWER POLE 36' RT.	820.53
23	436+62	" " 48" MAPLE 42' LT.	824.98

STA. 414+85 TN. RD. LT.
REMOVE 2-36"X 30' CULV. PIPES
65"X 40"X 72' C.M.P.A. REQ'D.

CURVE NOTES
P.I. = 418+05.7
∠ = 178°-33'
Δ = 1°-27'
D = 0°-15'
T = 289.9'
L.C. = 580.0'
NORMAL CROWN

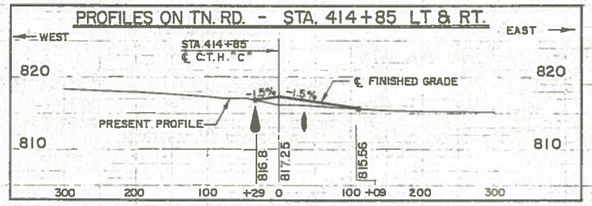


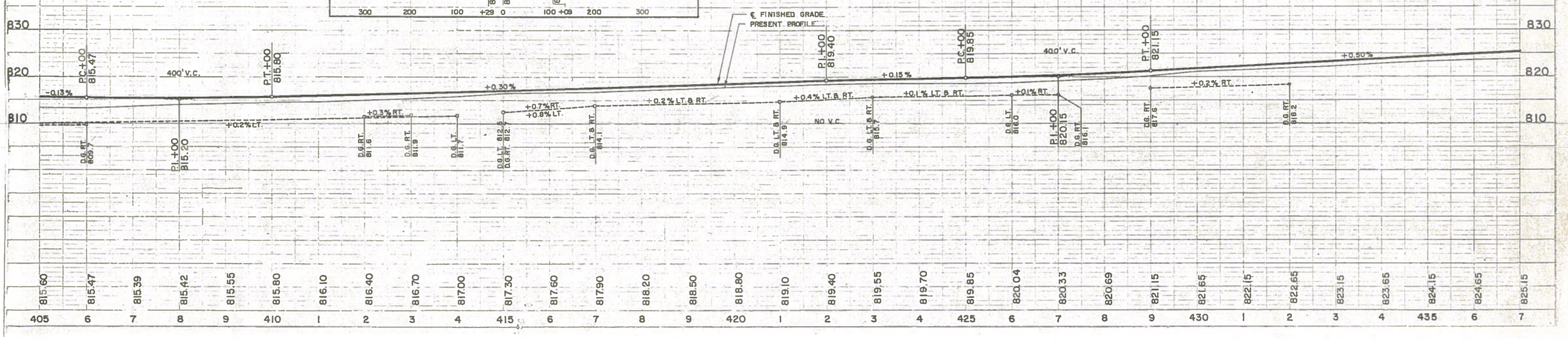
STA. 414+85 TN. RD. LT. & RT.
DESIGN TYPE "E" INT'S'N. REQ'D.
(SEE STD. DWG. 9-1.1.3)

STA. 414+85 TN. RD. RT.
REMOVE 30"X 40' CULV. PIPE
30" X 62' CULV. PIPE REQ'D.

NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
405+00	435+00	3,000.00

UNC. EXC. = 3,646 C.Y.
FILL = 2,762 C.Y.
USE 92 C.Y. OLD CONC.



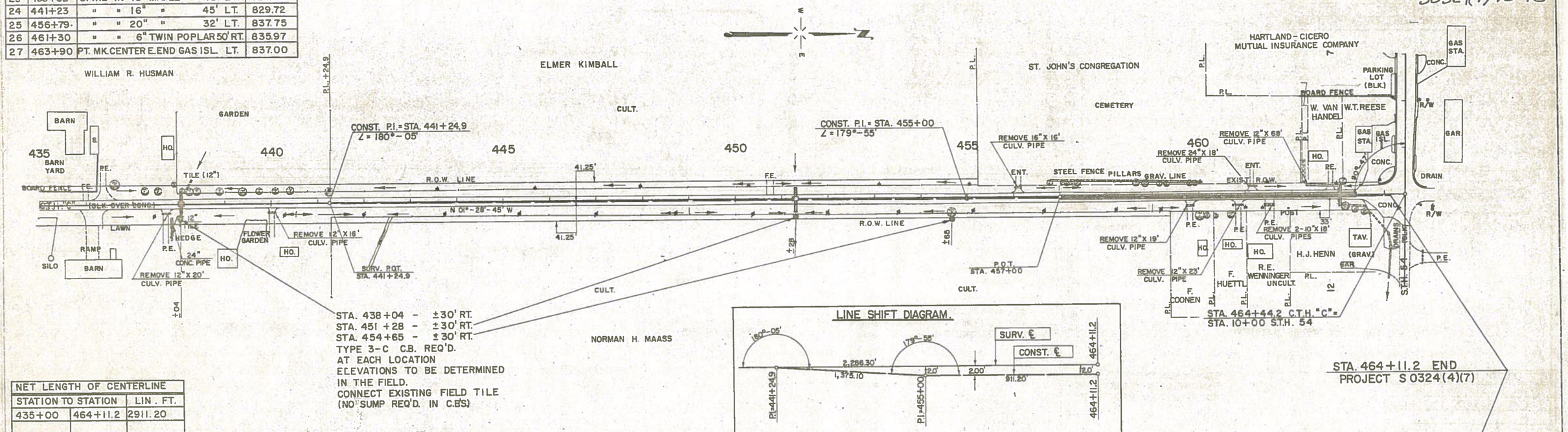


E.D.N. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0324 (4)	10	36

S0324(7) 10-12

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
23	436+62	SPIKE IN 48" MAPLE 42' LT.	824.98
24	441+23	" " 16" " 45' LT.	829.72
25	456+79	" " 20" " 32' LT.	837.75
26	461+30	" " 6" TWIN POPLAR 50' RT.	835.97
27	463+90	PT. MK. CENTER E. END GAS ISL. LT.	837.00



NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
435+00	464+11.2	2911.20

UNC. EXC. = 3,668 C.Y.
FILL = 2,819 C.Y.
USE 74 C.Y. OLD CONC.

UNC EXC. = 1,227 C.Y.
FILL = 917 C.Y.
USE 191 C.Y. OLD CONC.