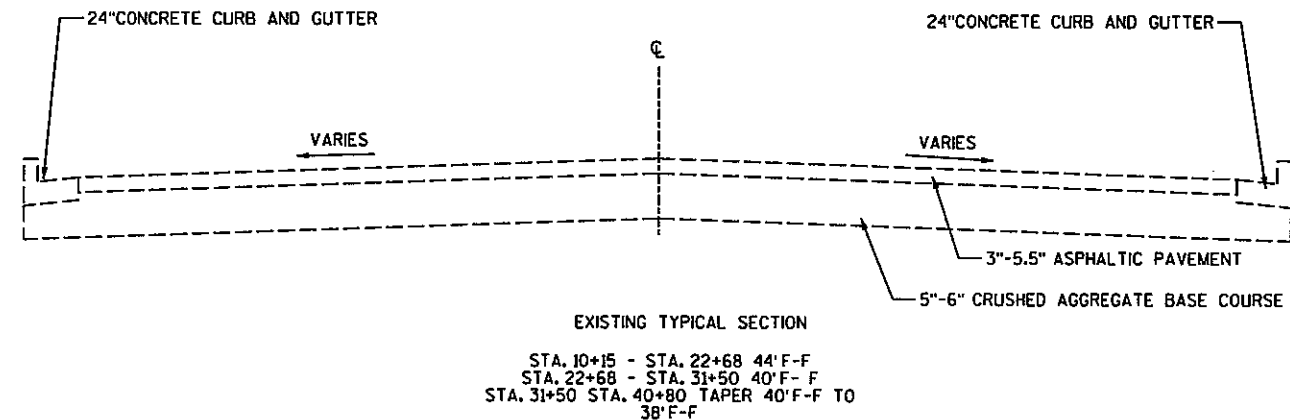


COUNTY. **ONEIDA**

**NOTES**

1. SALVAGE ASPHALTIC PAVEMENT BY MILLING 2-INCH DEPTH FROM STATION 10+15 TO 31+12.
2. SALVAGE ASPHALTIC PAVEMENT FOR CURB AND GUTTER REPLACEMENT AS DIRECTED BY THE ENGINEER.
3. SALVAGED ASPHALTIC PAVEMENT FULL DEPTH FROM STATION 31+12 TO 40+80

PAVEMENT THICKNESS LOG

APPROXIMATE STATION	THICKNESS (INCH)
12+00	5.5
21+00	5.0
25+50	4.0
34+00	3.0



Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

* NOT A MEMBER OF DIGGERS HOTLINE

UTILITY CONTACTS

TELEPHONE	GLENN LEFEBVRE FRONTIER P.O. BOX 340 RHINELANDER, WI 54501 715-365-2237
GAS	VIRGIL DAVIS WISCONSIN PUBLIC SERVICE P.O. BOX 160 RHINELANDER, WI 54501 715-369-7169
ELECTRIC	RICH REITZ WISCONSIN PUBLIC SERVICE P.O. BOX 160 RHINELANDER, WI 54501 715-369-7111
CABLE TV	RON LUNDT CHARTER COMMUNICATIONS 821 LINCOLN STREET RHINELANDER, WI 54501 715-369-5007
* WATER & SEWER	TIM PHELAN RHINELANDER WATER AND WASTEWATER P.O. BOX 658 RHINELANDER, WI 54501 715-365-8609
W.D.N.R. CONTACT	DNR NORTHERN REGION HDQRS. ATTN. JON SIMONSEN 107 SUTLIFF AVENUE RHINELANDER, WI 54501 715-365-8916
DESIGN CONTACT	JIM BOLLMANN MSA PROFESSIONAL SERVICES 1835 N. STEVENS STREET RHINELANDER, WI 54501 715-362-3244

STANDARD DETAIL DRAWING LIST

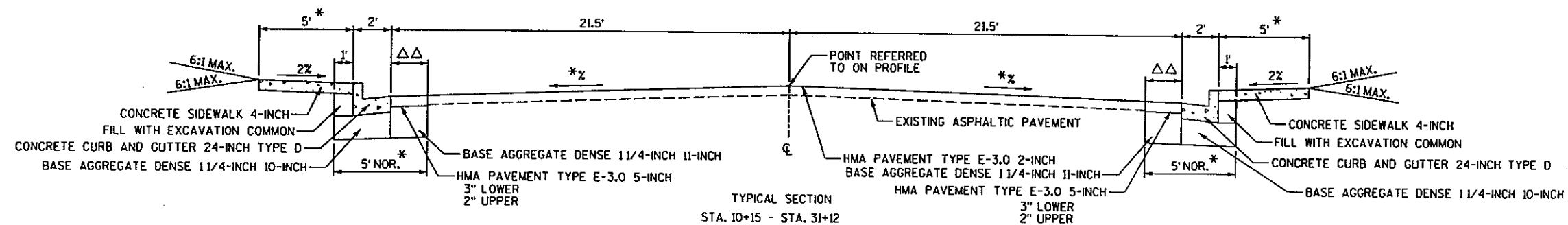
08A5-16A	Inlet Covers Type A, H, A-S, & H-S
08A5-16B	Inlet Covers Type B, B-A, C, MS, MS-A, & WM
08A5-17D	Inlet Cover, Type Z Manhole Covers, Type K, J, J-S, L & M
08A6-4	Catch Basins Types 1 & 2
08B6-4	Manholes Type 1
08B7-4	Manholes Type 2 & 3
08D1-14	Concrete Curb, Concrete Curb & Gutter and Pavement Ties
08D5-11A	Curb Ramps Types 1 and 1-A
08D5-11B	Curb Ramps Types 2 and 3
08D5-11C	Curb Ramps Type 4A
08D5-11D	Curb Ramps Type 4B
08D5-11E	Curb Ramps Type 5, 6, 7A, 7B & 8
08D13-1	Slotted Corrugated Metal Pipe Surface Drains
08E8-3	Typical Installations for Erosion Bales/Temporary Ditch Checks
08E10-2	Inlet Protection Type A, B, C and D
08F1-11	Apron Endwalls for Culvert Pipe
08F4-5	Joint Ties for Concrete Pipe
09C2-4	Concrete Bases, Type 1, 2, & 5
13B1-9	Pavement Details for Railroad Approach
15B3-11A&B	Chain Link Fence
15C2-4A	Barricades and Signs for Mainline Closures
15C2-4B	Barricades and Signs for Mainline Closures
15C2-4C	Detour Signing for Mainline Closures
15C3-1	Barricades and Signs for Sideroad Closures
15C5-1	Traffic Control, Advance Warning Signs 40 M.P.H. or Less Two Way Undivided Road Open to Traffic
15C12-3	Traffic Control for Lane Closure (Suitable for Moving Operations)

GENERAL NOTES

1. WHEN THE QUANTITY OF THE ITEMS OF BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIALS AS DIRECTED BY THE ENGINEER.
2. NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
3. ALL SIDE ROADS, COMMERCIAL AND PRIVATE ENTRANCES SHALL BE MATCHED IN KIND WITH A SAWED OR MILLED JOINT EXCEPT WHEN IN A DETERIORATED CONDITION.
4. THE EXACT SIZE AND LOCATION FOR PRIVATE AND COMMERCIAL ENTRANCES SHALL BE DETERMINED BY THE ENGINEER.
5. ALL CURB AND GUTTER RADII ARE SHOWN TO THE BACK OF CURB.
6. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
7. ALL DISTURBED AREAS SHALL BE SEEDED, FERTILIZED, AND MULCHED OR SODDED. OVERSOW PERMANENT SEEDING AREAS WITH TEMPORARY SEED AT 1.5 LBS. PER 1000 SQUARE FEET.
8. ALL PRIVATE EXISTING UTILITIES ARE TO BE ADJUSTED BY THE UTILITIES CONCERNED, UNLESS OTHERWISE SHOWN ON THE PLANS.
9. CONSTRUCTION LIMITS FOR ALL SIDEROADS, COMMERCIAL AND PRIVATE ENTRANCES SHALL BE DETERMINED BY THE ENGINEER.
10. ELEVATIONS REFERENCING CURB AND GUTTER ARE TO THE BACK OF CURB.
11. EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTORS EROSION CONTROL IMPLEMENTATION PLAN AND APPROVED BY THE ENGINEER IN THE FIELD

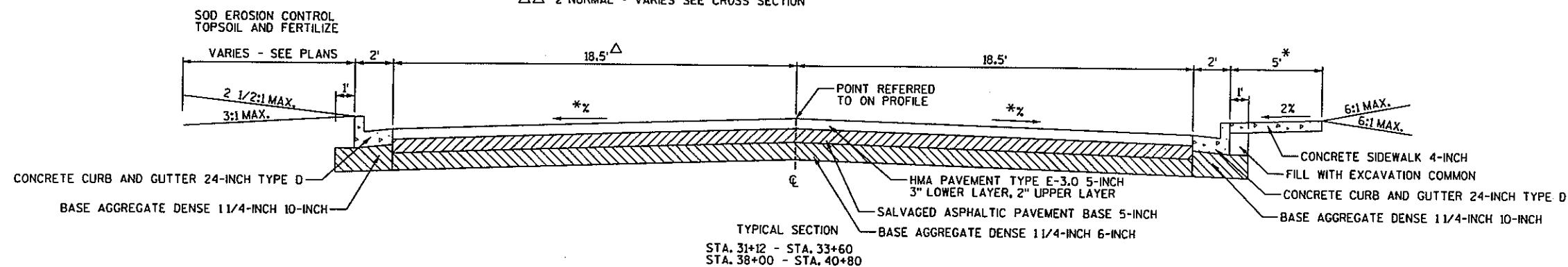
STANDARD ABBREVIATIONS

HYD.	HYDRANT
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
P.I.	POINT OF INTERSECTION
STA.	STATION
R/W	RIGHT OF WAY
V.C.	VERTICAL CURVE
FO	FIBER OPTIC
TV	TELEVISION
R.C.P.S.S	REINFORCED CONCRETE PIPE STORM SEWER
M.E.	MATCH EXISTING



* VARIES SEE CROSS SECTION

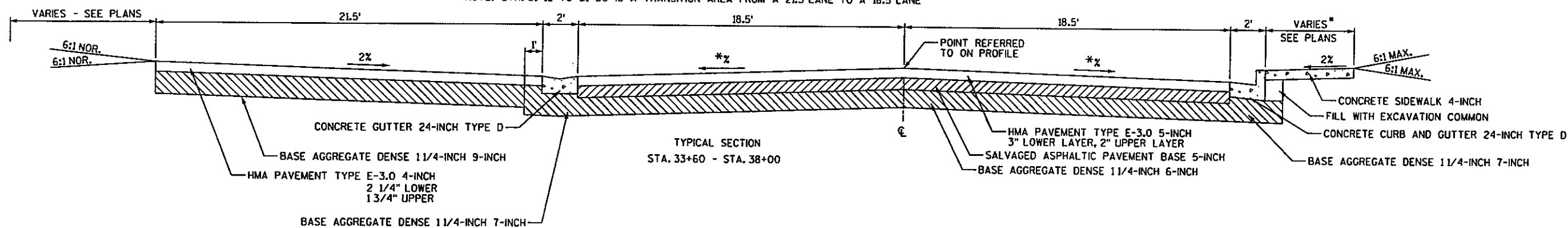
ΔΔ 2' NORMAL - VARIES SEE CROSS SECTION

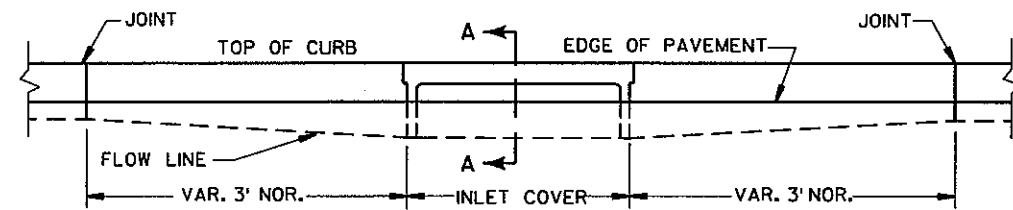


* VARIES SEE CROSS SECTION

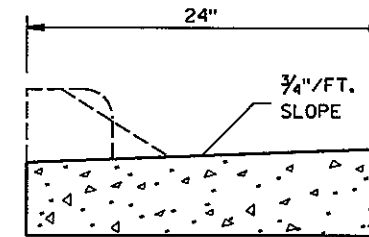
Δ 17.5' STA. 39+12 - STA. 40+78.09

NOTE: STA. 31+12 TO 31+50 IS A TRANSITION AREA FROM A 21.5' LANE TO A 18.5' LANE

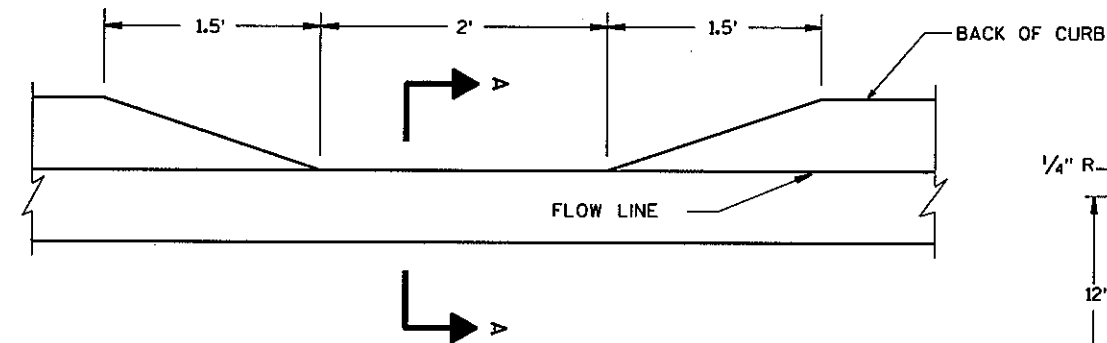




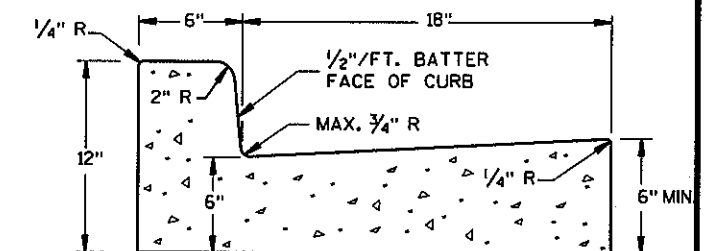
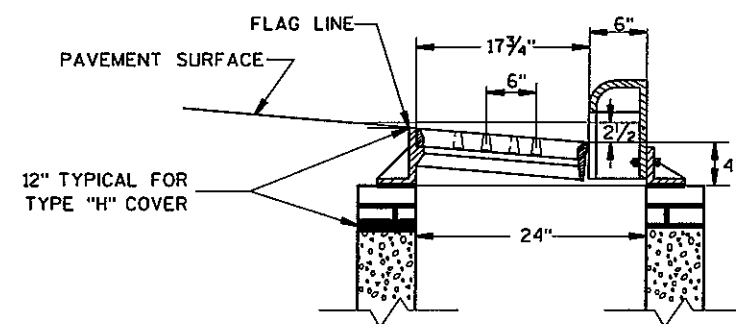
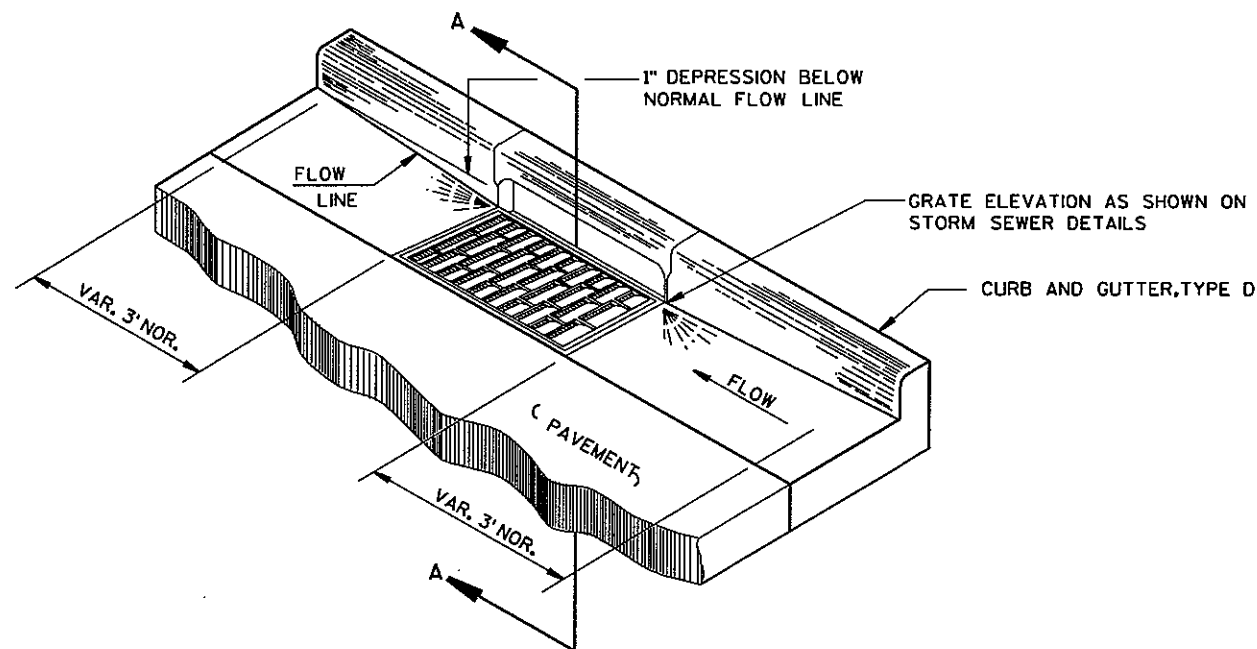
ELEVATION



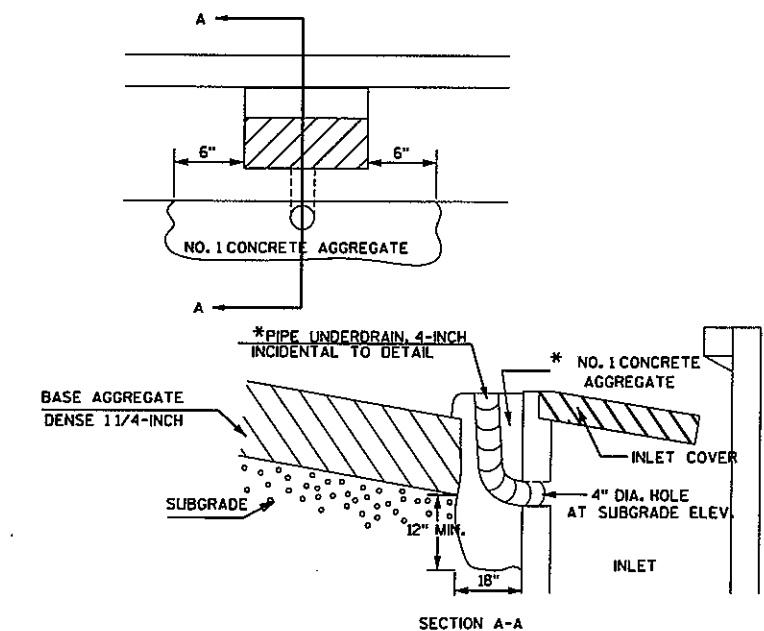
SECTION A-A

DETAIL OF CURB HEAD DEPRESSION FOR
DRAINAGE AT CURB & GUTTER SECTION

STA. 25+09

CONCRETE CURB AND GUTTER 24-INCH
TYPE D

SECTION A-A

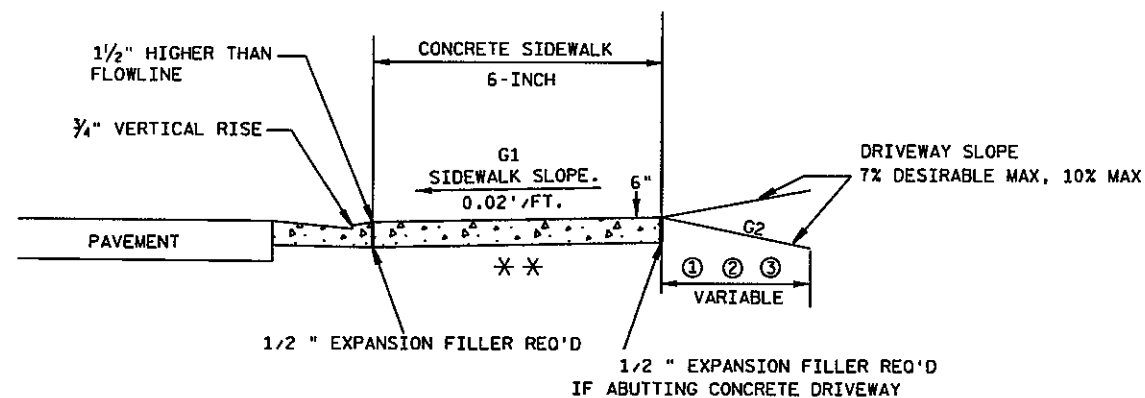
DETAIL OF CURB AND GUTTER AT INLETS
(TYPE 3-H INLET SHOWN)

DETAIL FOR TEMPORARY WATER PASSAGE

*PART OF TEMPORARY WATER PASSAGE

STA. 19+67, RT.
STA. 20+68, LT.
STA. 24+92, LT.

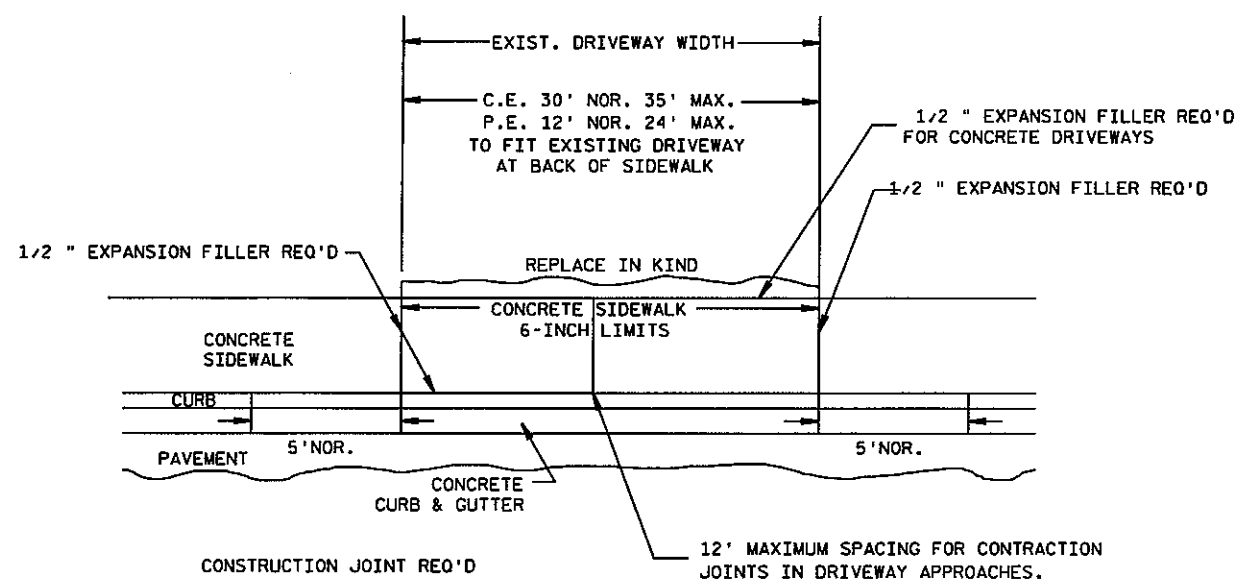
Sto	10-72,LT	Sto	24-98,LT
Sto	11-07,LT	Sto	25-05,LT
Sto	11-65,RT	Sto	25-68,LT
Sto	11-90,RT	Sto	26-39,LT
Sto	11-90,LT	Sto	26-76,LT
Sto	12-15,LT	Sto	27-30,RT
Sto	12-85,RT	Sto	27-45,RT
Sto	13-10,RT	Sto	27-81,RT
Sto	15-88,RT	Sto	28-17,RT
Sto	16-17,RT	Sto	30-18,LT
Sto	18-01,LT	Sto	30-53,LT
Sto	18-21,LT	Sto	31-69,LT
Sto	19-63,RT	Sto	32-08,LT
Sto	19-89,RT	Sto	33-78,RT
Sto	21-23,LT	Sto	33-94,RT
Sto	21-63,LT	Sto	34-63,RT
Sto	21-71,LT	Sto	34-85,RT
Sto	21-76,RT	Sto	37-12,LT
Sto	21-98,RT	Sto	37-24,RT
Sto	22-03,LT		
Sto	24-63,LT		



- ①—5" CONCRETE DRIVEWAY OR
H.E.S. CONCRETE DRIVEWAY
- ②— 6" BASE AGG. DENSE 1 1/4-INCH
- ③—4" BASE AGGREGATE DENSE 1 1/4-INCH
BASE WITH 2" ASPHALTIC SURFACE
DRIVEWAYS AND ENTRANCES

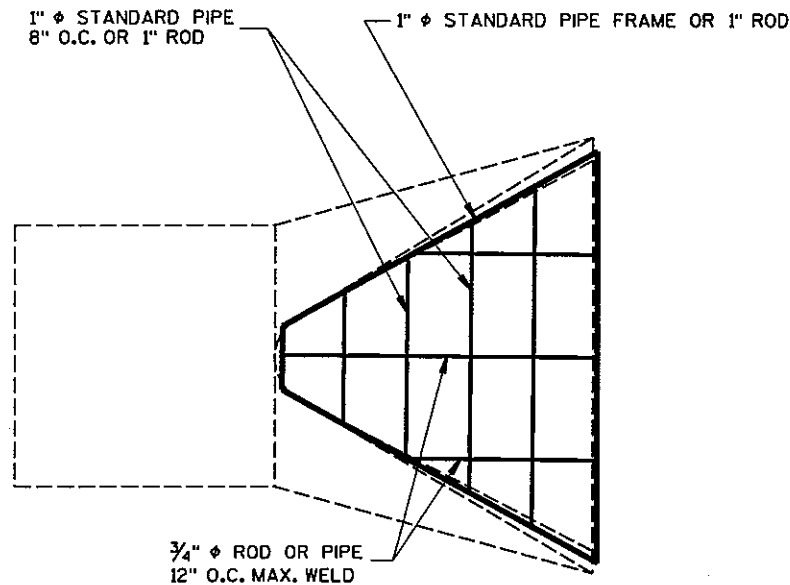
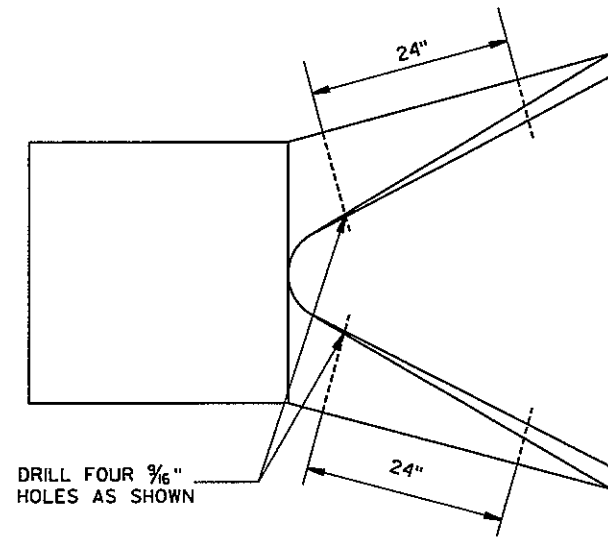
* * = 6" BASE AGGREGATE DENSE 1 1/4-INCH
REQ'D UNDER CONCRETE DRWY

DEPRESS SIDEWALK PROFILE IF DRIVEWAY
APRON EXCEEDS MAX SLOPE



The diagram illustrates the construction details for a concrete sidewalk. It shows a cross-section of the sidewalk with a dashed line representing the 'NORMAL SIDEWALK PROFILE'. A solid line represents the '8% MAX SIDEWALK PROFILE'. A horizontal dimension line indicates the 'CONCRETE SIDEWALK 6-INCH LIMITS'. A vertical dimension line shows the '6% MAX GRADE CHANGE FROM NORMAL SIDEWALK PROFILE'. A note states 'DO NOT DEPRESS SIDEWALK LOWER THAN 2" ABOVE CURB FLOW LINE'.

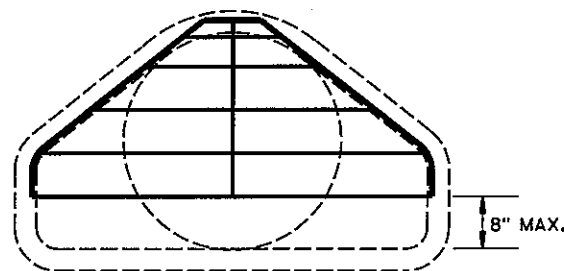
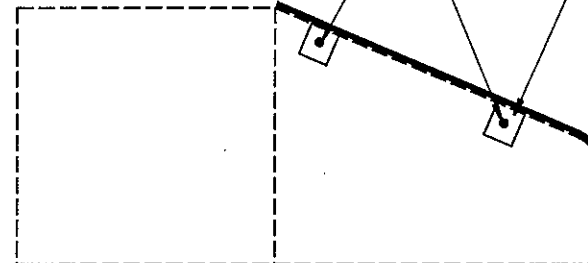
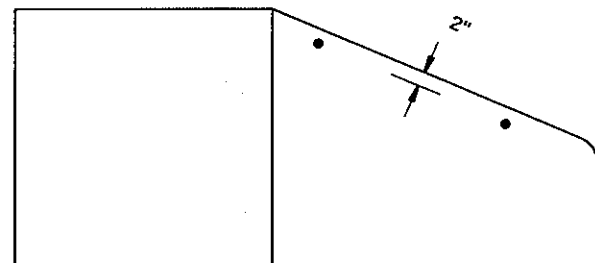
E



AT EACH PIPE

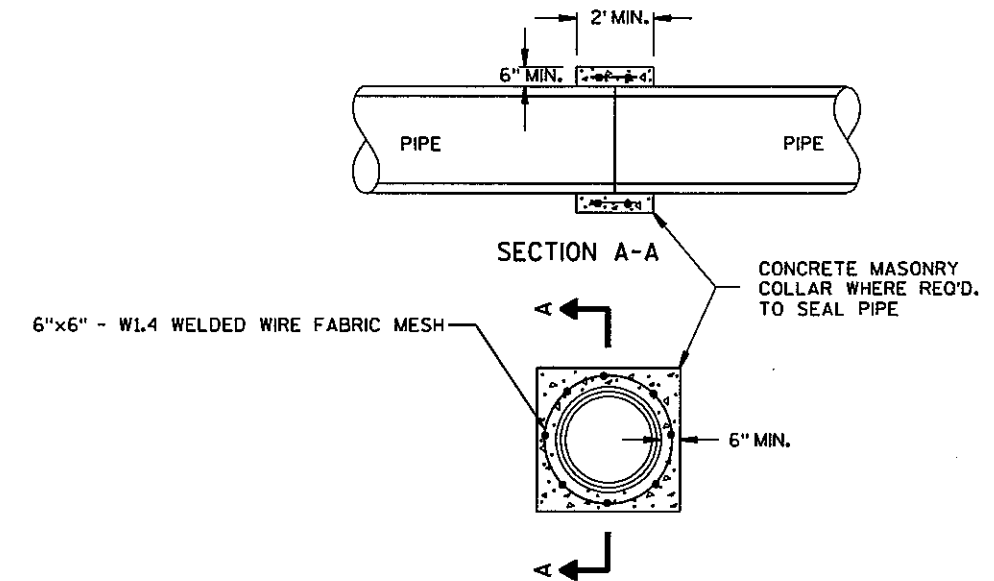
BOLT GRATE TO CONCRETE ENDWALL
WITH FOUR $\frac{3}{8}$ " X 6" MACHINE BOLTS
PLACE NUTS INSIDE

6" X 4" X $\frac{1}{4}$ " ANGLES (4 REQ'D.)
WELD TO FRAME
PROVIDE $\frac{9}{16}$ " HOLE IN EACH



PIPE GRATE DETAIL

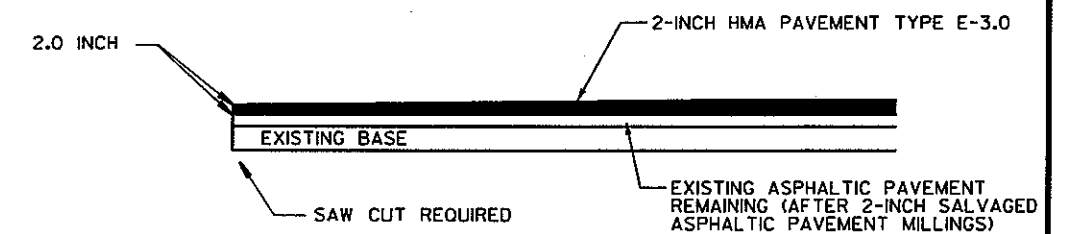
STA. 26S+83



CONCRETE COLLAR DETAIL

(INCLUDED AS INFORMATION FOR ITEM "CONNECT TO EXISTING STORM SEWER")

STA. 13+04,LT.
STA. 13+68,RT.
STA. 14+03,RT.
STA. 14+49,RT.
STA. 15+70,LT.
STA. 16+14,RT.
STA. 16+43,LT.
STA. 17+54,RT.
STA. 19+33,RT.
STA. 19+67,RT.
STA. 20+64,RT.
STA. 20+68,LT.
STA. 24+46,RT.
STA. 24+92,LT.
STA. 24+98,RT.
STA. 26+40,LT.
STA. 26+83,LT.
STA. 27+18,RT.



DETAIL OF MAINLINE OVERLAP BUTTED JOINT

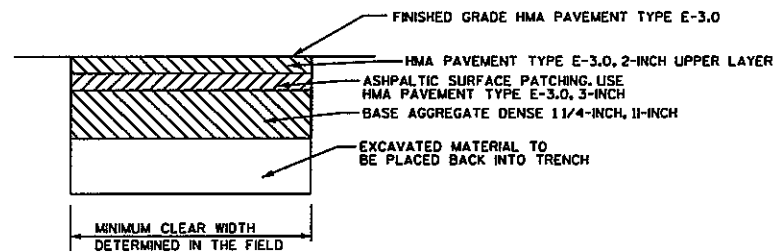
* EXACT DIMENSIONS TO BE DETERMINED
BY THE ENGINEER IN THE FIELD.

STA. 10+15
STA. 14+10 RT
STA. 14+10 LT
STA. 16+00 RT
STA. 19+70 LT
STA. 22+70 RT
STA. 22+70 LT
STA. 26+70 RT

RUNOFF COEFFICIENT TABLE

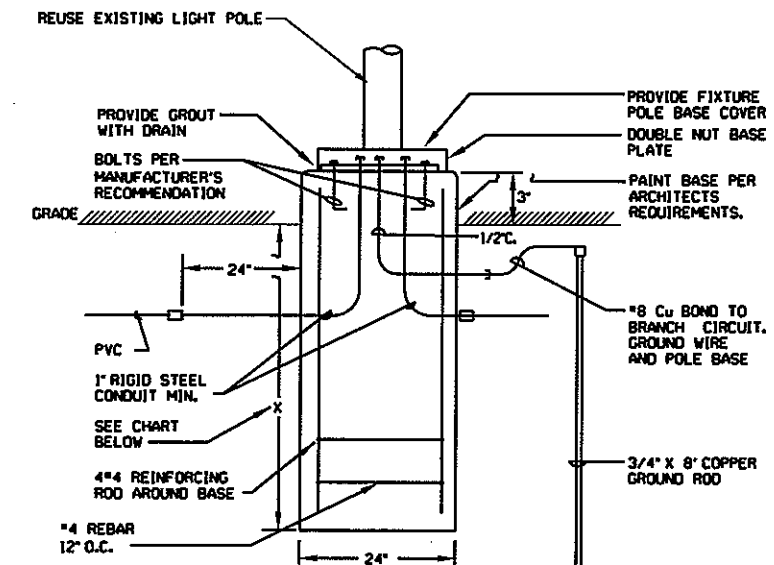
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIP-TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPE-TURF			.25			.27			.28			.30
			.32			.34			.36			.38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 3.5 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 3.5 ACRES



RESTORATION - STORM SEWER PIPE EXTENSION AREAS ON COURTNEY STREET

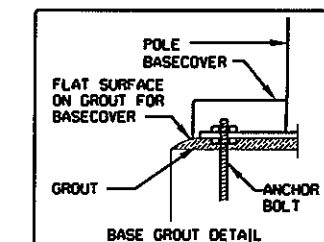
STATION	PIPE NUMBER
STA. 10+50,LT	P1
STA. 13+04,LT	P2
STA. 13+68,RT	P3
STA. 14+03,RT	P4
STA. 14+49,RT	P6
STA. 15+70,LT	P7
STA. 16+14,RT	P9
STA. 16+43,LT	P11
STA. 17+54,RT	P12
STA. 19+67,RT	P15
STA. 20+64,RT	P17
STA. 20+68,LT	P18
STA. 24+46,RT	P21
STA. 24+92,LT	P22
STA. 24+98,RT	P23
STA. 26+83,LT	P25
STA. 27+18,RT	P26



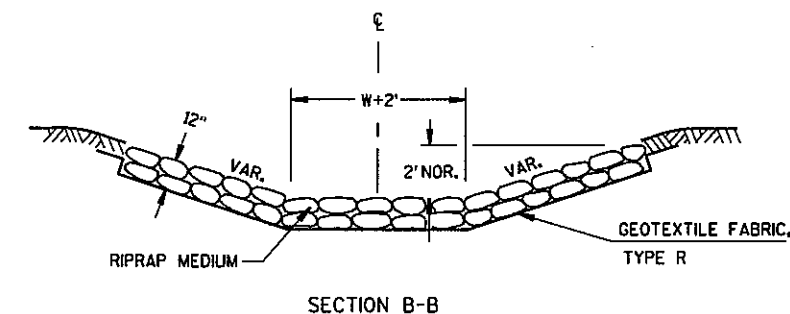
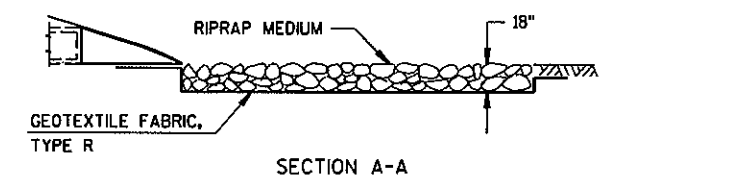
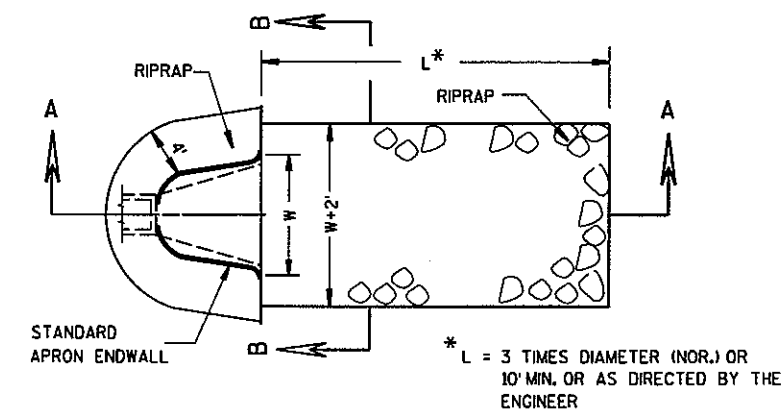
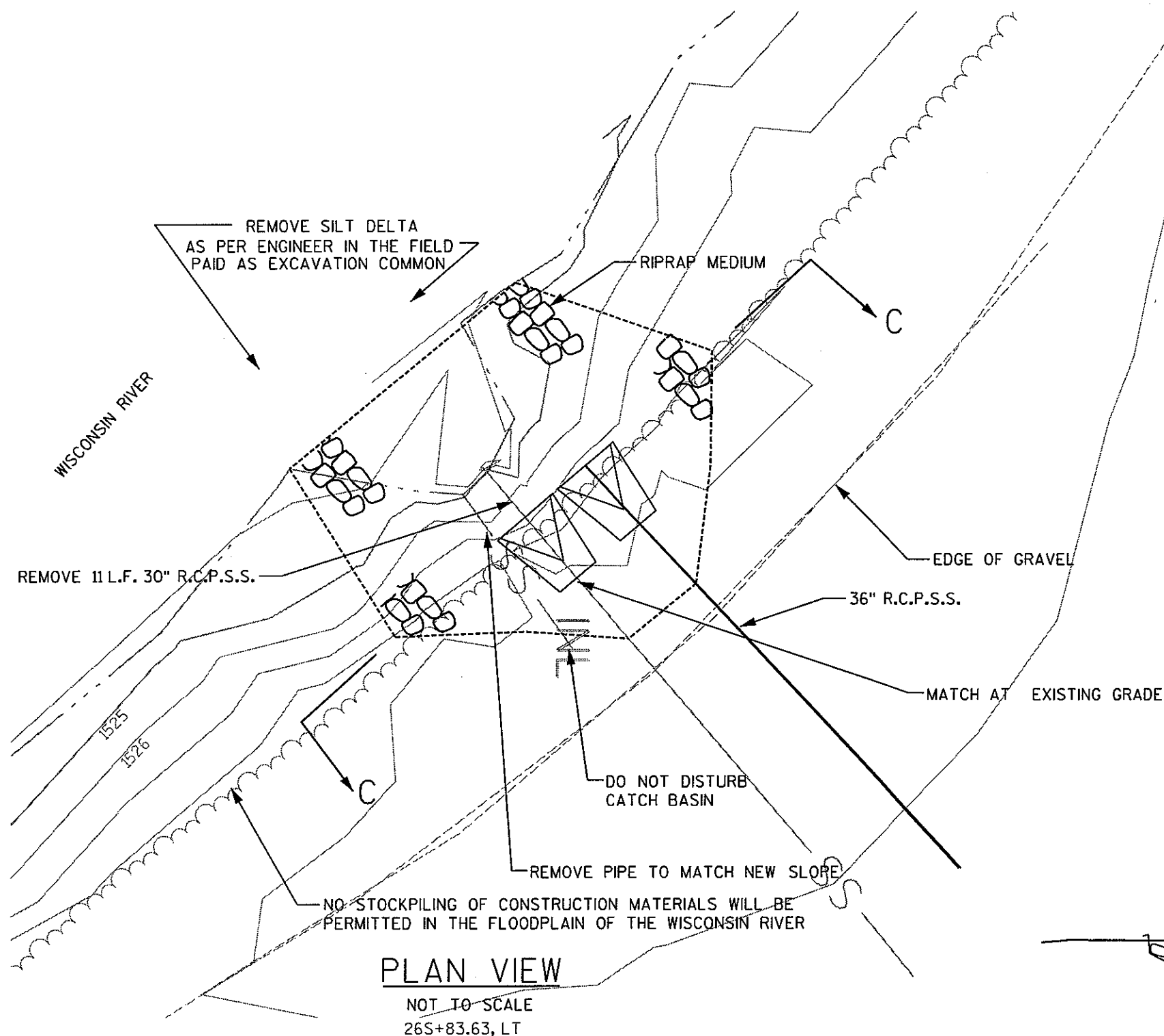
NOTES:

1. IN UNDISTURBED EARTH, EXCLUDING FILL MATERIAL, A 2'-0" DIA. HOLE WHICH SHALL BE USED AS THE FORM FOR THE CONCRETE BASE SHALL DRILLED.
2. IN EXCAVATED AREAS OR IN EXISTING SOIL CONTAINING FILL OF OBJECTIONABLE MATERIAL, BACKFILL AROUND CONCRETE BASE WITH COMPACTED GRANULAR BACKFILL A MIN. OF 2'-0" IN ALL DIRECTIONS.
3. ANCHOR BOLTS ARE VALMONT STD. 1" BY 36" BY 4" - 4 EACH FOR PER BASE. SUGGESTED ANCHOR HEIGHT IS 4" MIN. - 5" MAX. ABOVE FINISHED FOUNDATION IF LEVELING NUT AND GROUT ARE USED.

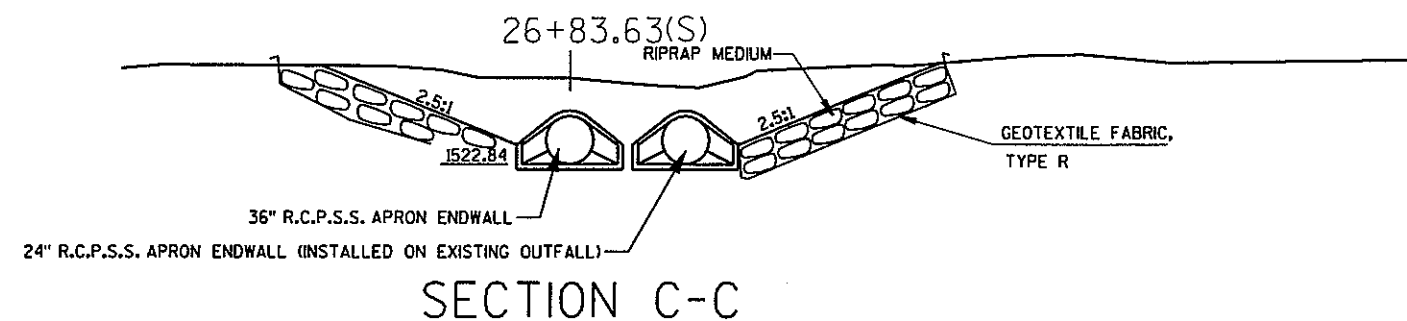
POLE HEIGHT IN FEET	BASE DEPTH IN INCHES BELOW GRADE
30'-0"	X = 72" (INCHES)



CONCRETE BASE, LIGHT POLE



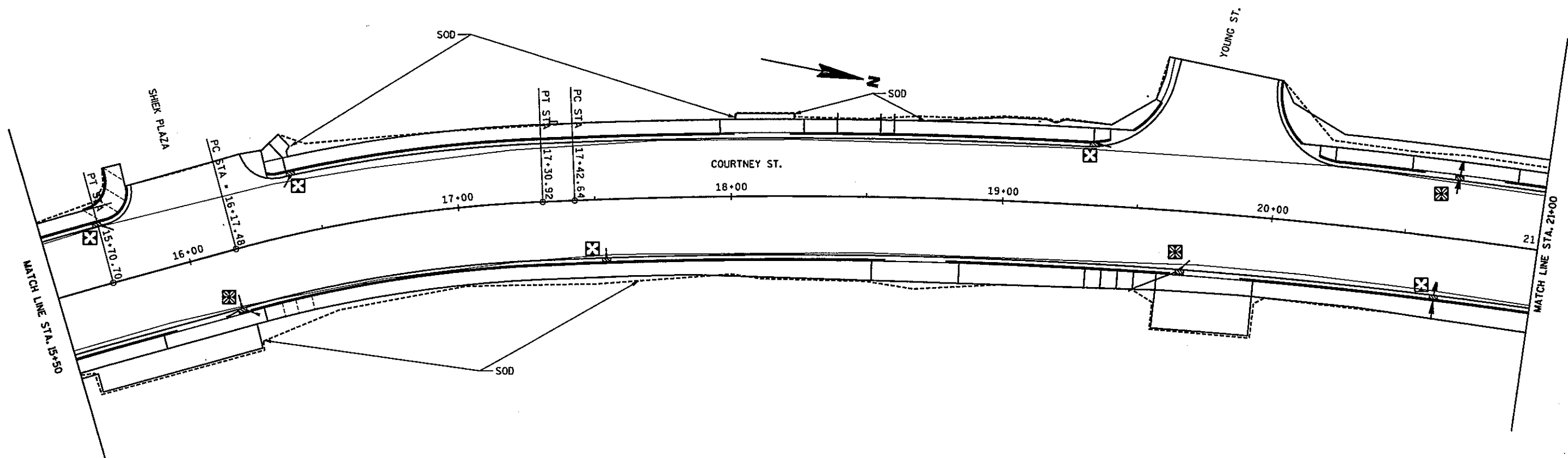
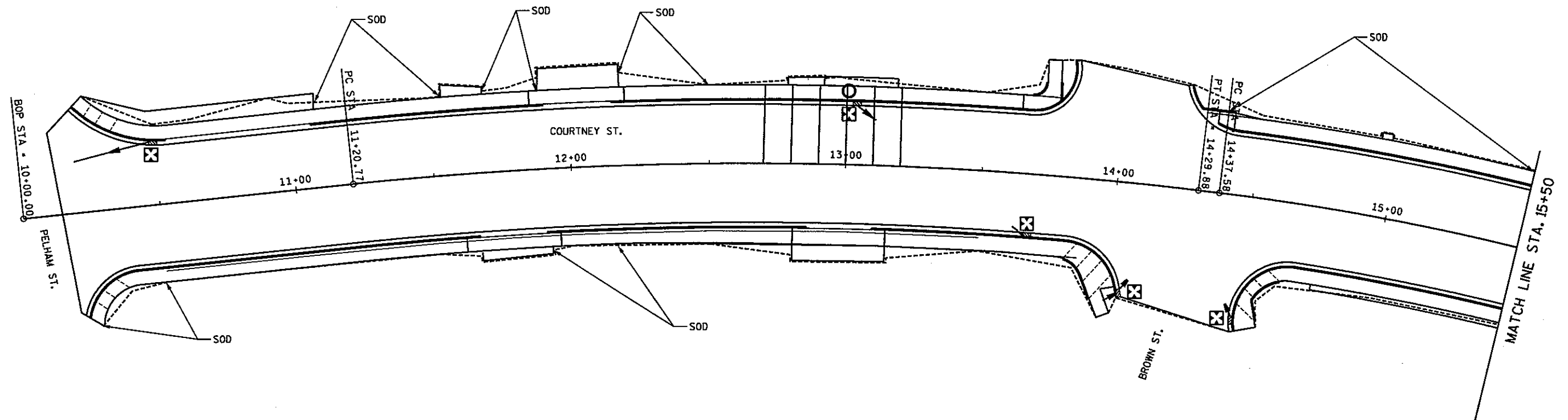
RIPRAP AND GEOTEXTILE FABRIC DETAIL
AT APRON ENDWALLS
STA. 26S+83



STORM SEWER OUTFALL DETAIL

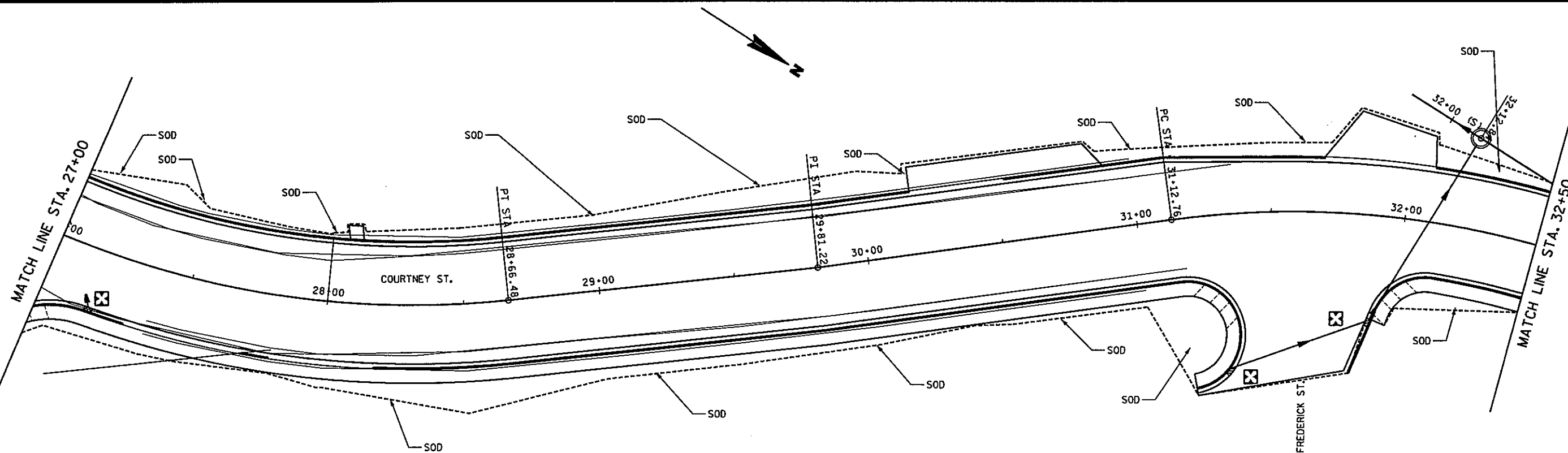
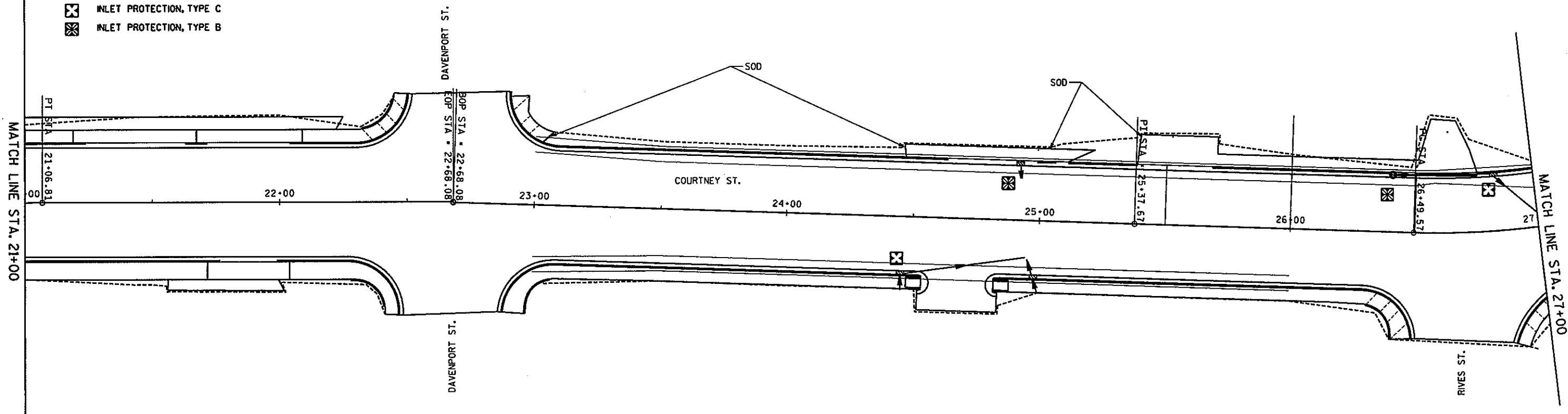
LEGEND

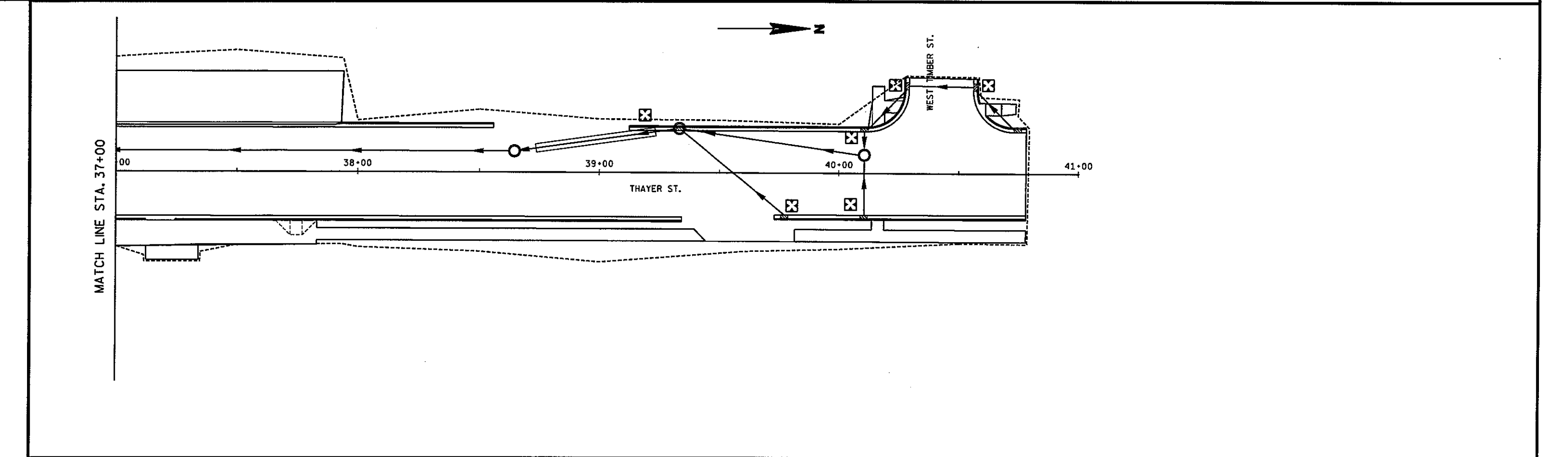
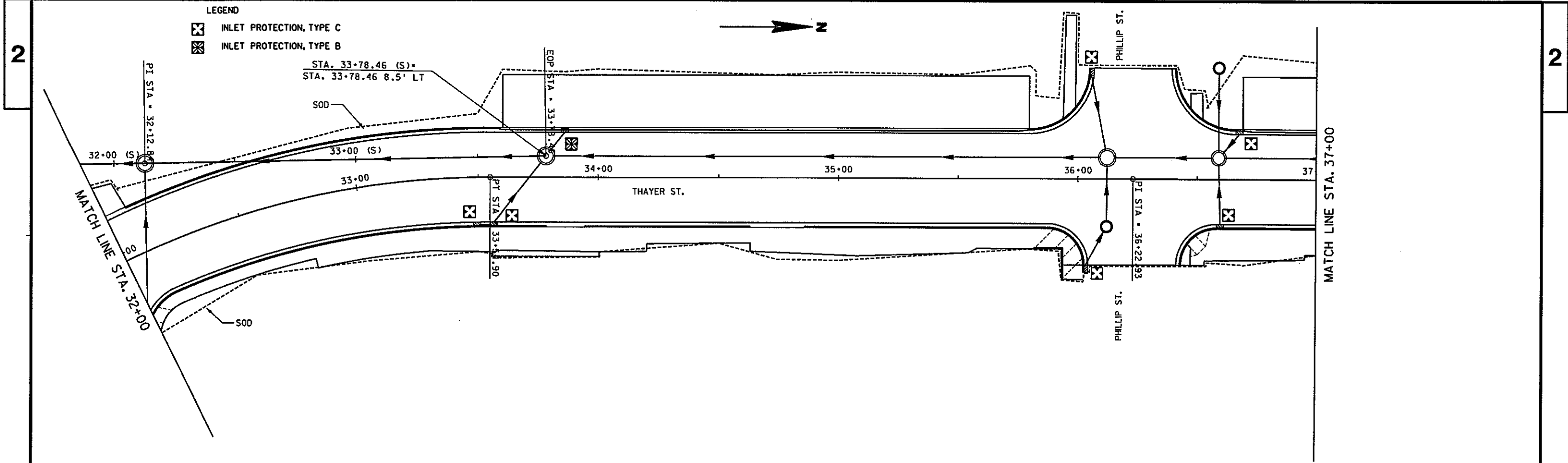
-  INLET PROTECTION, TYPE C
 INLET PROTECTION, TYPE B



LEGEND

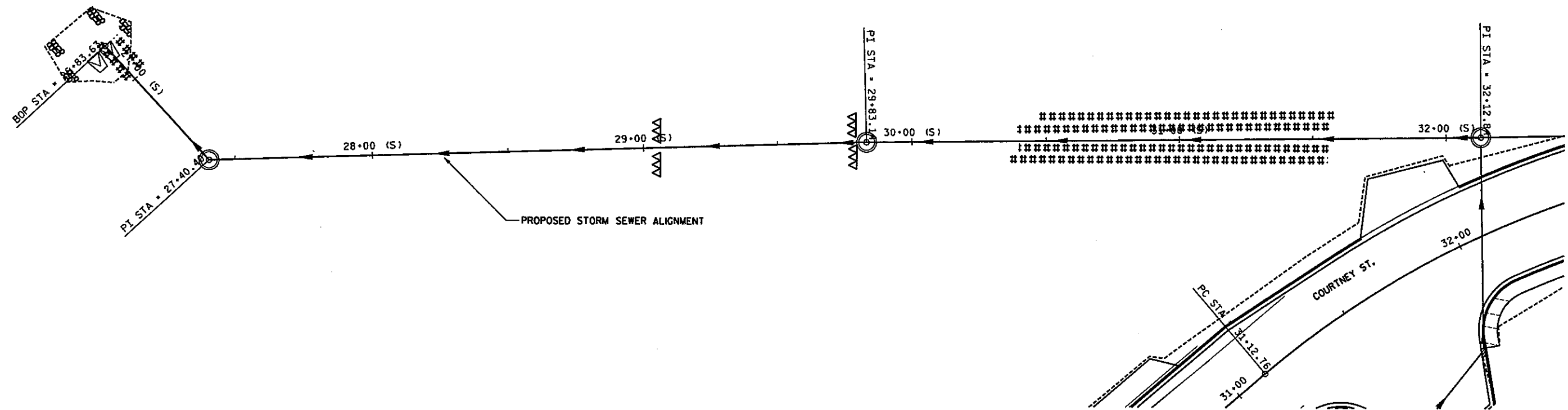
- ☒ INLET PROTECTION, TYPE C
☒ INLET PROTECTION, TYPE B





LEGEND

- ☒ INLET PROTECTION, TYPE C
###: EROSION MAT CLASS 1 TYPE B
△△ EROSION BALES OR EQUAL



STORM SEWER TABLE

PIPE NUMBER	LOCATION		INVERT ELEVATION INLET	DISCHARGE	608.0312	521.2005.S	608.0315	608.0318	608.0324	608.0330	608.0336	GRADE %	JOINT TIES	TYPE & CLASS
	FROM	TO			RCPSS 12 (IN.)	SURFACE DRAIN SLOTTED	RCPSS 15 (IN.)	RCPSS 18 (IN.)	RCPSS 24 (IN.)	RCPSS 30 (IN.)	RCPSS 36 (IN.)			
P1	1	EXIST.	1540.39	1539.17	29.5							4.14		SSP RC CLASS III
P2	2	EXIST.	1540.50	M.E.	6.5							M.E.		SSP RC CLASS III
P3	3	EXIST.	1540.53	M.E.	6.5							M.E.		SSP RC CLASS III
P4	4	EXIST.	1540.48	M.E.	6.5							M.E.		SSP RC CLASS III
P5	EXIST.	4	M.E.	1540.48	6.5							M.E.		SSP RC CLASS III
P6	5	EXIST.	1540.71	M.E.	6.5							M.E.		SSP RC CLASS III
P7	6	EXIST.	1539.24	M.E.	6.5							M.E.		SSP RC CLASS III
P8	EXIST.	7	M.E.	1539.35	6.5							M.E.		SSP RC CLASS III
P9	7	EXIST.	1539.35	M.E.	6.5							M.E.		SSP RC CLASS III
P10	EXIST.	7	M.E.	1539.35	6.5							M.E.		SSP RC CLASS III
P11	8	EXIST.	1538.74	M.E.	6.5							M.E.		SSP RC CLASS III
P12	9	EXIST.	1539.19	M.E.	6.5							M.E.		SSP RC CLASS III
P13	10	EXIST.	1536.51	M.E.	6.5							M.E.		SSP RC CLASS III
P14	EXIST.	11	1538.81	1537.81	20							5.00		SSP RC CLASS III
P15	11	EXIST.	1537.41	M.E.	6.5							M.E.		SSP RC CLASS III
P16	EXIST.	12	M.E.	1536.85	6.5							M.E.		SSP RC CLASS III
P17	12	EXIST.	1536.65	M.E.	6.5							M.E.		SSP RC CLASS III
P18	EXIST.	13	M.E.	1534.92			6.5					M.E.		SSP RC CLASS III
P19	13	EXIST.	1534.92	M.E.			6.5					M.E.		SSP RC CLASS III
P20	EXIST.	14	1537.63	1537.51	6							2.00		SSP RC CLASS III
P21	14	EXIST.	1537.51	1536.98	50.5							1.05		SSP RC CLASS III
P22	15	EXIST.	1537.51	M.E.	6.5							M.E.		SSP RC CLASS III
P23	14A	EXIST.	1537.47	1536.98	9.5							5.16		SSP RC CLASS III
P23A	EXIST.	14A	M.E.	1537.47	8.5							M.E.		SSP RC CLASS III
P24A	17	16	MATCH	GUTTER		34								SLOTTED CMP
P24	16	18	1538.74	1538.33	39.5							1.04		SSP RC CLASS III
P25	18	EXIST.	1538.33	1538.03			25.5					1.18		SSP RC CLASS III
P26	19	EXIST.	1538.82	M.E.	6.5							M.E.		SSP RC CLASS III
P28	21	20	1523.51	1522.84							54	1.24	*6	SSP RC CLASS III
P29	22	21	1526.60	1523.71							243	1.19		SSP RC CLASS III
P30	23	22	1529.34	1526.60							230	1.19		SSP RC CLASS III
P31	46	23	1531.26	1529.34							166	1.16		SSP RC CLASS III
P32	26	27	1539.27	1539.17	5.5							1.82		SSP RC CLASS III
P33	27	46	1539.17	1538.53			37					1.73		SSP RC CLASS III
P34	28	46	1539.55	1539.37	15							1.20		SSP RC CLASS III
P35	44	46	1534.00	1531.26							236	1.16		SSP RC CLASS III
P36	29	44	1543.33	1542.77	36							1.56		SSP RC CLASS III
P37	30	45	1543.00	1542.50	19							2.63		SSP RC CLASS III
P38	45	44	1535.46	1535.02						29		1.52		SSP RC CLASS III
P39	43	44	1536.80	1535.47					49			2.71		SSP RC CLASS III
P40	42	43	1544.50	1543.86			39					1.64		SSP RC CLASS III
P41	32	43	1545.53	1545.31	15							1.47		SSP RC CLASS III
P42	31	43	1545.34	1544.84	30							1.67		SSP RC CLASS III
P43	33	43	1547.76	1541.80					205			2.91		SSP RC CLASS III
P44	41	33	1549.77	1547.76					70			2.87		SSP RC CLASS III
P45	34	41	1552.86	1551.96	48							1.87		SSP RC CLASS III
P46	40	41	1553.28	1549.77					78			4.50		SSP RC CLASS III
P47	35	40	1555.06	1554.58	26							1.85		SSP RC CLASS III
P48	36	40	1554.19	1554.01			11					1.64		SSP RC CLASS III
P49	37	36	1555.20	1554.79			25					1.64		SSP RC CLASS III
P50	38	37	1555.60	1555.20			29					1.38		SSP RC CLASS III
P51	39	38	1555.96	1555.60	25							1.44		SSP RC CLASS III
P52	24	25	1544.87	1543.28	55							2.89		SSP RC CLASS III
P53	25	23	1543.28	1541.06			80					2.78		SSP RC CLASS III
TOTALS (LF)					548.5	34	220.5	39	402	29	929			

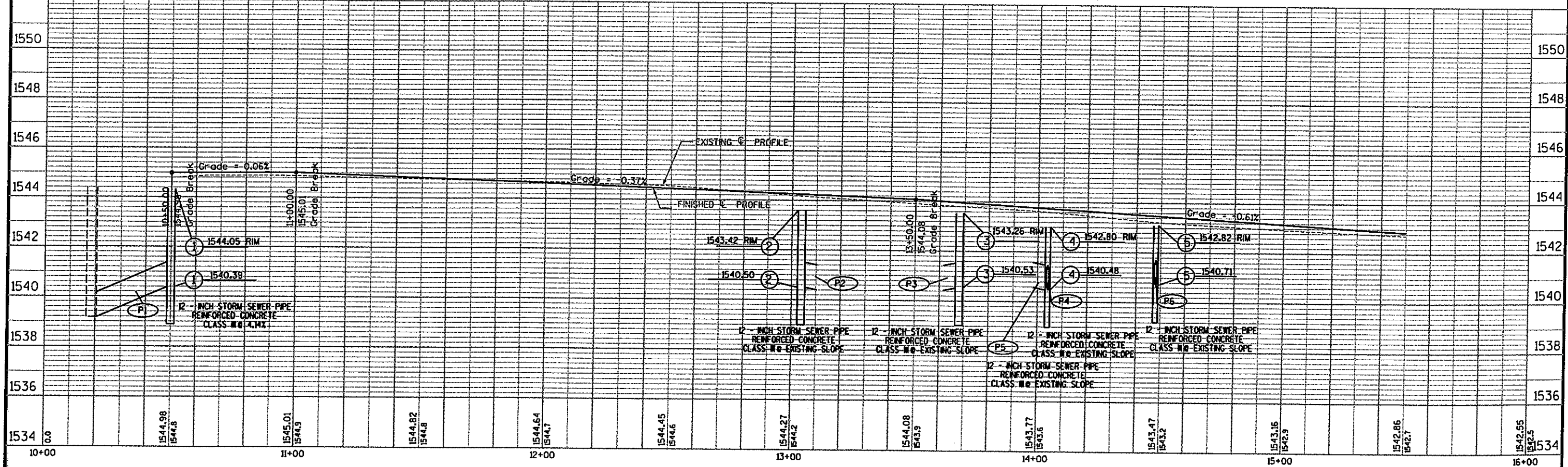
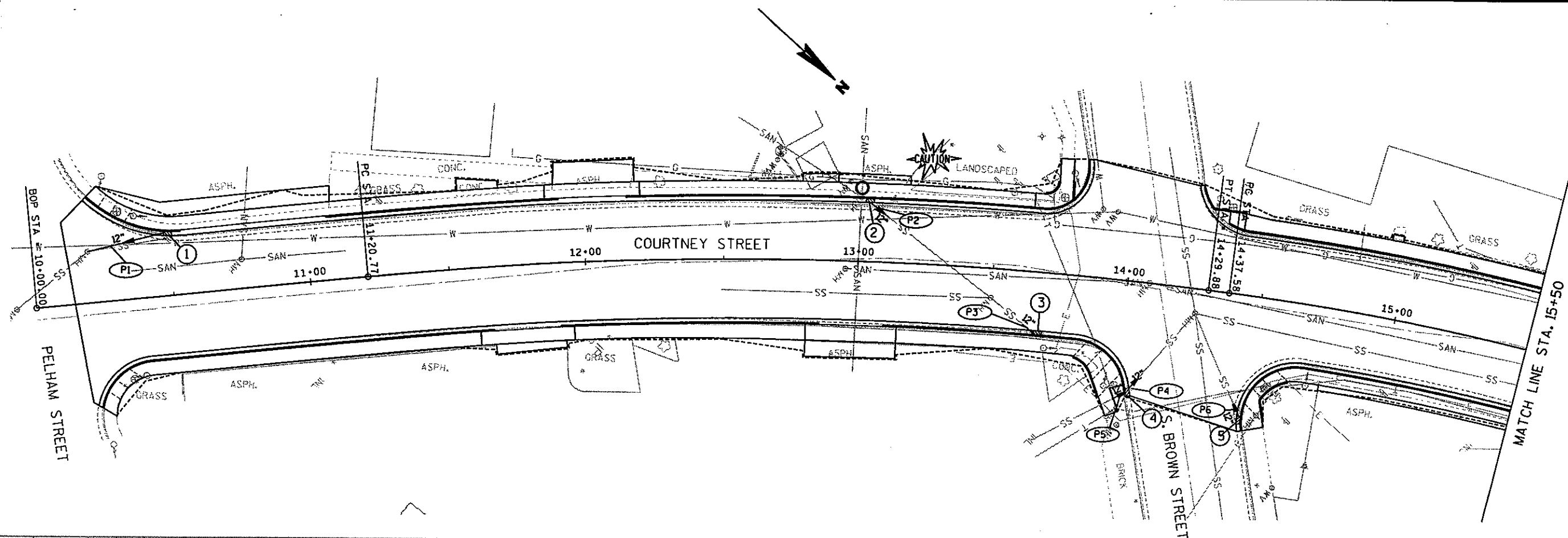
* NOT A BID ITEM - INCLUDED IN RC PIPE BID ITEM
PLACE ON LAST 3 JOINTS INCLUDING APRON ENDWALLS

STORM SEWER TABLE

STRUCTURE NUMBER	STATION:	LOCATION:	611.0201 MANHOLE TYPE 1	611.0210 MANHOLE TYPE 3	611.0101 CATCH BASIN TYPE 1	611.0639 INLET TYPE TYPE H-S	611.0651 INLET COVERS TYPE B	611.0530 MANHOLE COVERS TYPE J	522.1024 APRON ENDWALL 24"	522.1036 APRON ENDWALL 36"	* GRATE ELEV.	BOX DEPTH	DEPTH	TEMP. WATER PASSAGE
1	10+50, 23.84' LT.	COURTNEY ST.			1	1					1544.05	4.33	3.66	1
2	13+04, 23.50' LT.	COURTNEY ST.			1	1					1543.42	3.59	2.92	1
3	13+68, 23.50' RT.	COURTNEY ST.			1	1					1543.26	3.40	2.73	1
4	14+03, 40.95' RT.	COURTNEY ST.			1	1					1542.80	2.99	2.32	1
5	14+49, 45.67' RT.	COURTNEY ST.			1	1					1542.82	2.78	2.11	1
6	15+70, 23.50' LT.	COURTNEY ST.			1	1					1541.80	3.23	2.56	1
7	16+14, 23.50' RT.	COURTNEY ST.			1	1		1			1542.00	3.32	2.65	1
8	16+43, 23.50' LT.	COURTNEY ST.			1	1					1541.74	3.67	3.00	1
9	17+54, 23.50' RT.	COURTNEY ST.			1	1					1541.36	2.84	2.17	1
10	19+33, 23.62' RT.	COURTNEY ST.			1	1					1540.83	4.99	4.32	1
11	19+67, 23.50' RT.	COURTNEY ST.			1		1				1540.88	4.14	3.47	1
12	20+64, 23.50' RT.	COURTNEY ST.			1	1					1540.37	4.39	3.72	1
13	20+68, 23.50' LT.	COURTNEY ST.			1		1				1540.32	6.07	5.40	1
14	24+46, 23.50' RT.	COURTNEY ST.			1	1					1541.16	4.32	3.65	1
14A	24+98.18, 23.50' RT.	COURTNEY ST.			1	1					1540.94	4.14	3.47	1
15	24+92, 23.50' LT.	COURTNEY ST.			1		1				1540.00	3.16	2.49	1
16	26+40, 23.50' LT.	COURTNEY ST.			1		1				1541.09	3.02	2.35	1
18	26+83, 23.50' LT.	COURTNEY ST.			1	1					MATCH CURB 1541.86	4.20	3.53	1
19	27+18, 23.50' RT.	COURTNEY ST.			1	1					1543.34	5.19	4.52	1
20	26S+82	OUTFALL								1	1522.82		0.00	
20A	26S+82	OUTFALL							1					
21	27S+40	OUTFALL		1				1			1528.28	3.52	4.77	
22	29S+83	OUTFALL		1				1			1533.10	5.25	6.50	
23	32S+13	OUTFALL		1				1			1548.11	17.52	18.77	
24	32+22, 33.73' LT.													
24	31+29, 56.81' RT.	THAYER ST.			1	1					1547.79	3.59	2.92	1
25	31+91, 39.83' RT.	THAYER ST.			1	1					1546.20	3.59	2.92	1
26	33+49, 20.50' RT.	THAYER ST.			1	1					1541.89	3.29	2.62	1
27	33+57, 20.50' RT.	THAYER ST.			1	1					1541.89	3.39	2.72	1
28	33+86, 20.50' LT.	THAYER ST.			1		1				1542.45	3.57	2.90	1
29	36+05, 44.00' LT.	THAYER ST.			1	1					1548.70	6.04	5.37	1
30	36+02, 37.07' RT.	THAYER ST.			1	1					1545.94	3.61	2.94	1
31	36+60, 20.50' RT.	THAYER ST.			1	1					1548.06	3.39	2.72	1
32	36+68, 20.50' LT.	THAYER ST.			1	1					1548.25	3.39	2.72	1
33	38+64, 8.75' LT.	THAYER ST.	1					1			1555.49	6.39	5.72	
34	39+77, 19.50' RT.	THAYER ST.			1	1					1557.23	5.04	4.37	1
35	40+11, 19.50' RT.	THAYER ST.			1	1					1557.47	3.08	2.41	1
36	40+11, 19.50' LT.	THAYER ST.			1	1					1557.45	3.93	3.26	1
37	40+27, 36.72' LT.	THAYER ST.			1	1					1557.86	3.33	2.66	1
38	40+58, 36.33' LT.	THAYER ST.			1	1					1558.22	3.29	2.62	1
39	40+75, 19.39' LT.	THAYER ST.			1	1					1558.35	3.06	2.39	1
40	40+11, 7.63' LT.	THAYER ST.	1					1			1557.95	3.42	4.67	
41	39+33, 18.50' LT.	THAYER ST.			1	1					1556.49	7.48	8.73	1
42	36+59, 45.59' LT.	THAYER ST.	1					1			1550.00	3.41	4.66	
43	36+59, 8.75' LT.	THAYER ST.		1				1			1548.91	10.86	12.11	
44	36+12, 8.78' LT.	THAYER ST.		1				1			1547.69	12.44	13.69	
45	36+12, 19.64' RT.	THAYER ST.	1					1			1547.06	10.35	11.60	
46	33+78, 8.75' LT.	THAYER ST.		1				1			1542.48	9.97	11.22	
TOTALS			4	6	35	29	6	10	1	1				35

1. *CATCH BASINS TYPE 1H-S REQUIRE A REINFORCED
CONCRETE FLAT SLAB TOP WITH A 2'-0" BY 3'-0" OPENING

2. CATCH BASINS TYPE 1B REQUIRE A REINFORCED
CONCRETE FLAT SLAB TOP WITH A 2'-0" SQUARE OPENING



PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

STORM SEWER

SHEET

E

FILE NAME : **....designfile....**

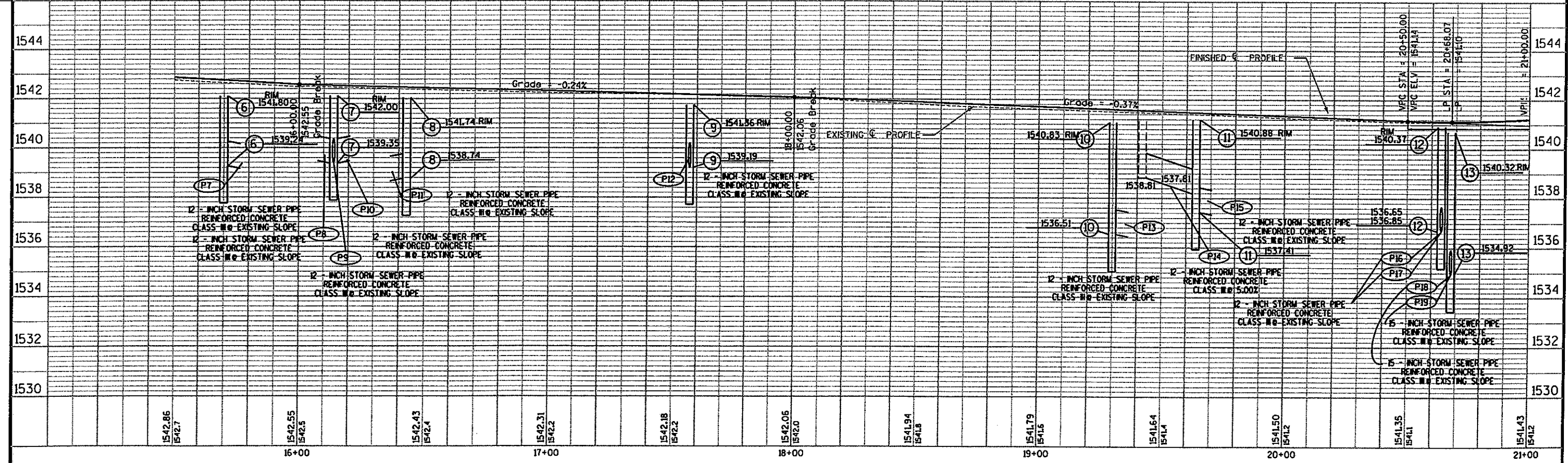
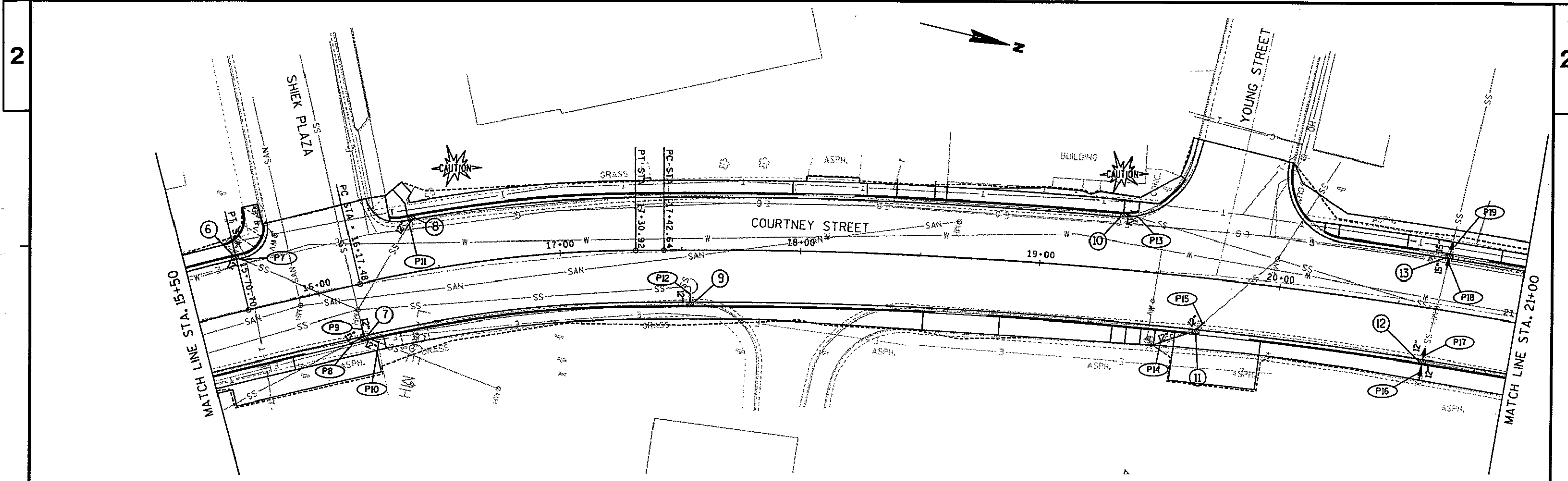
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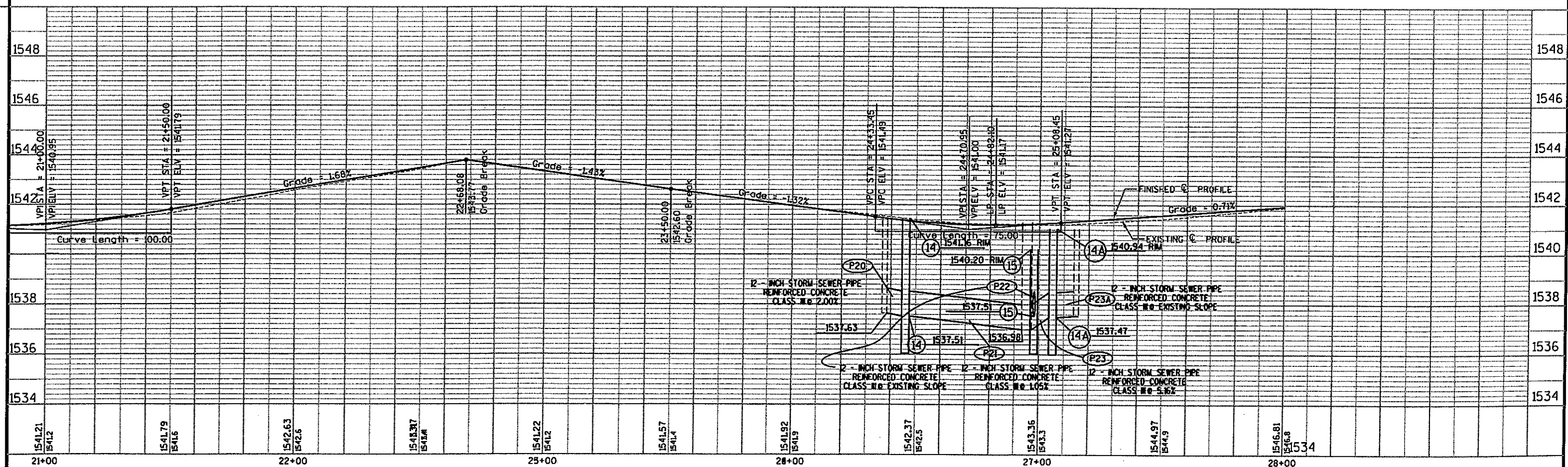
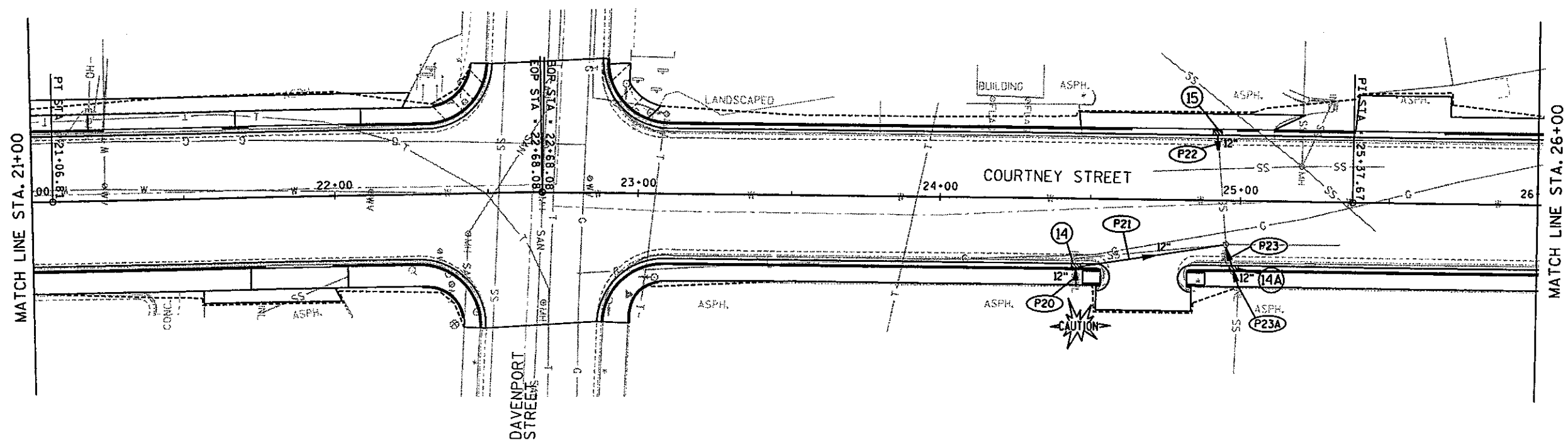
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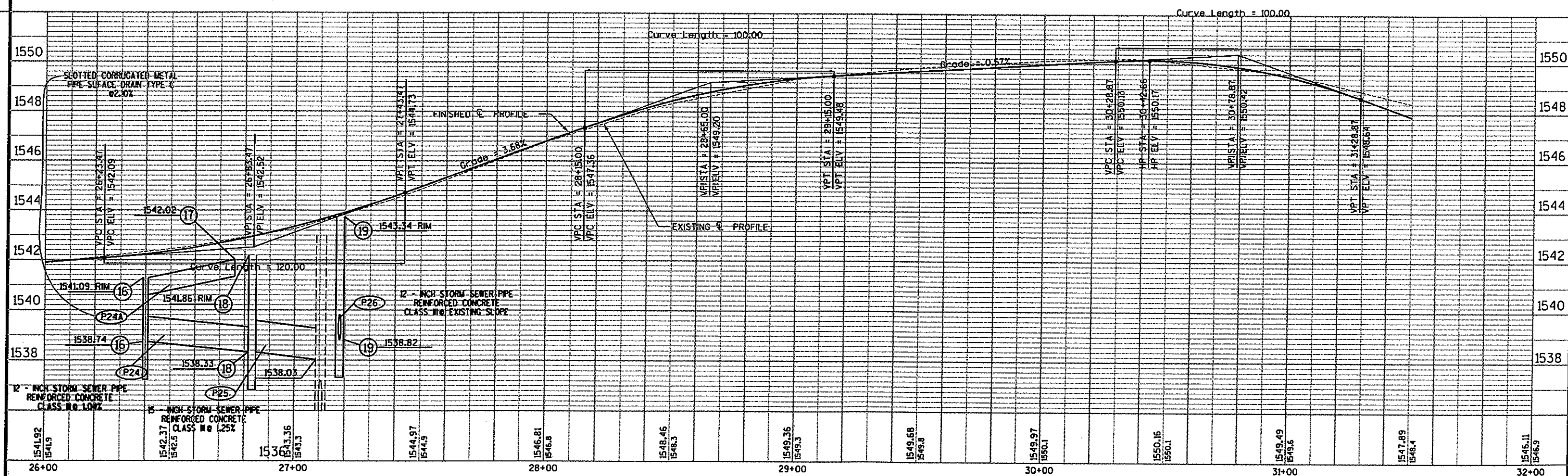
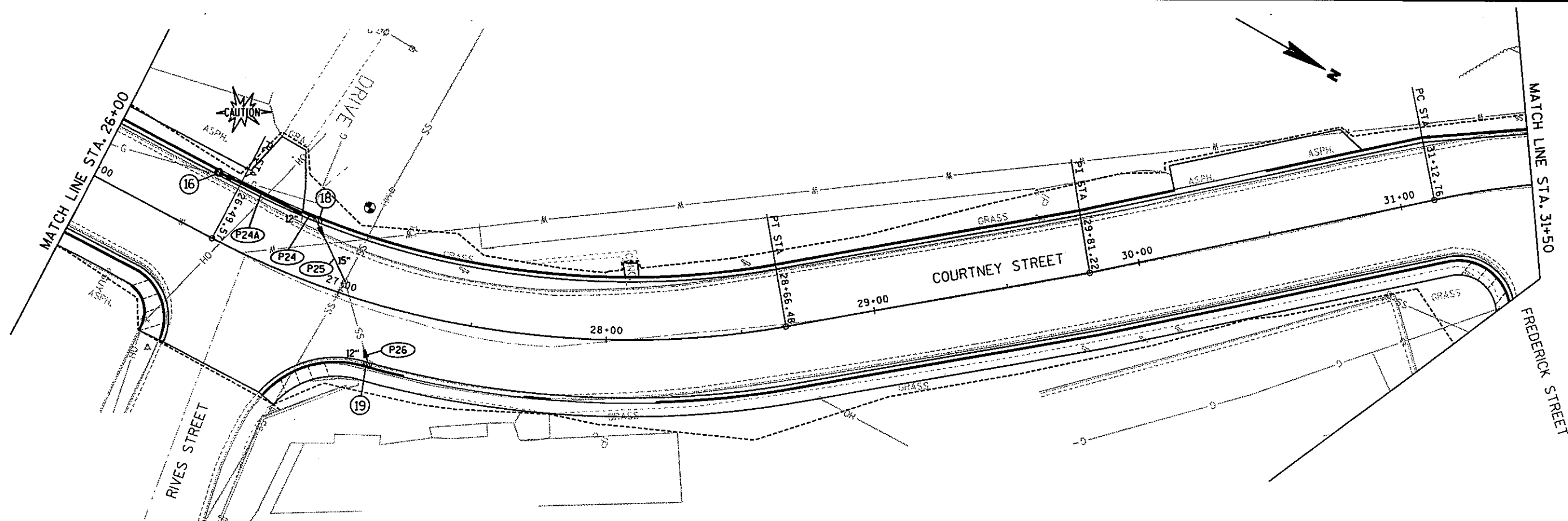
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WISDOT/CADD SHEET 40







PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

STORM SEWER

SHEET

E

FILE NAME : \$\$....designfile....\$\$

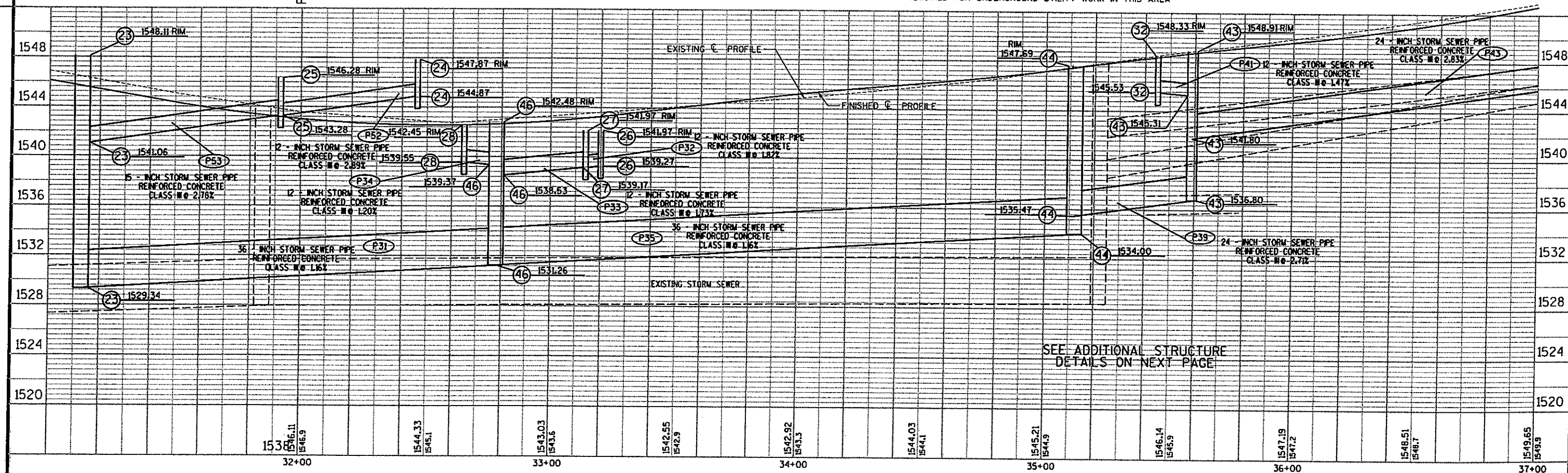
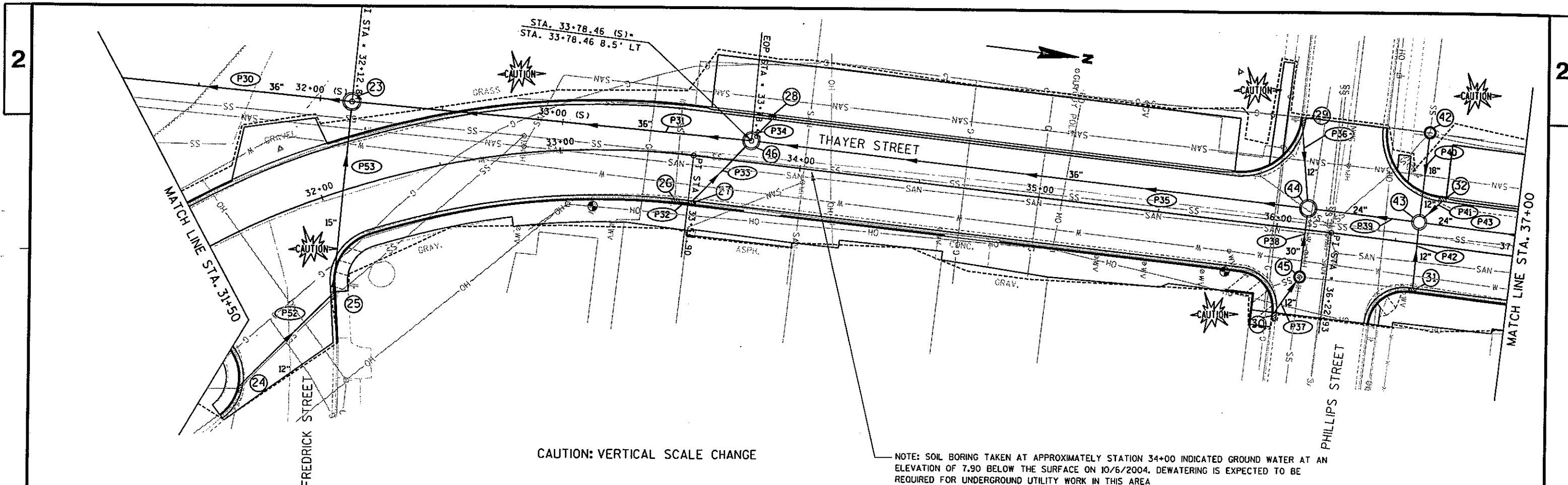
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PLOT BY : \$\$...plotuser...\$\$

PLOT NAME :

PLOT SCALE : \$\$...plotscale...\$\$

WISDOT/CADDs SHEET 40



PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

STORM SEWER

SHEET

E

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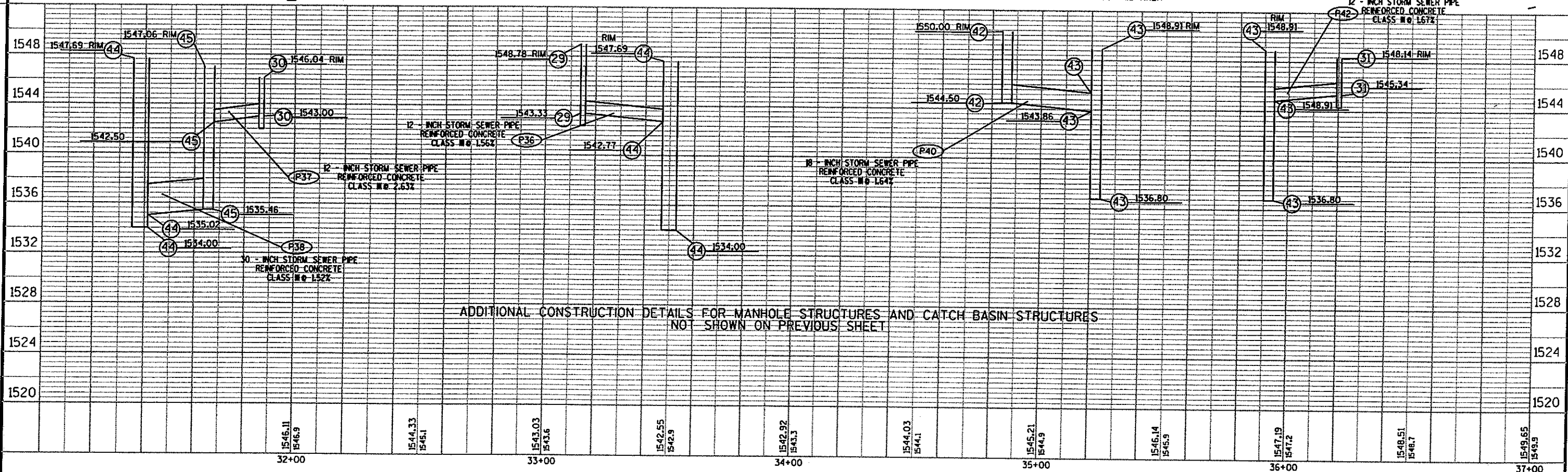
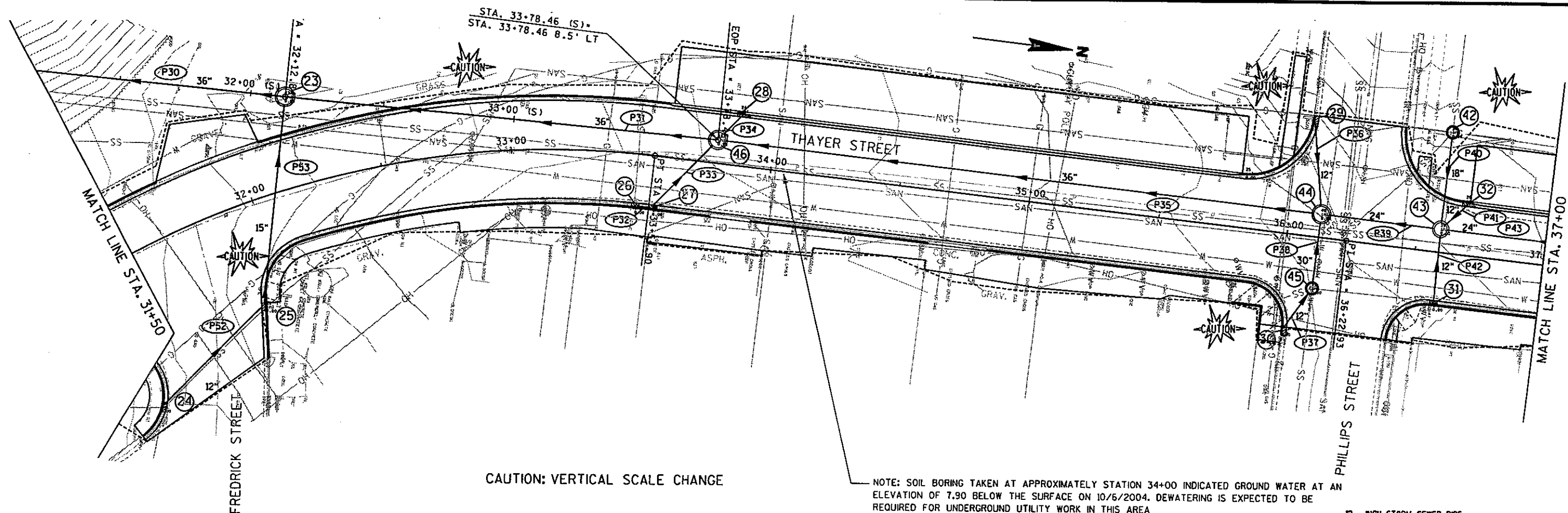
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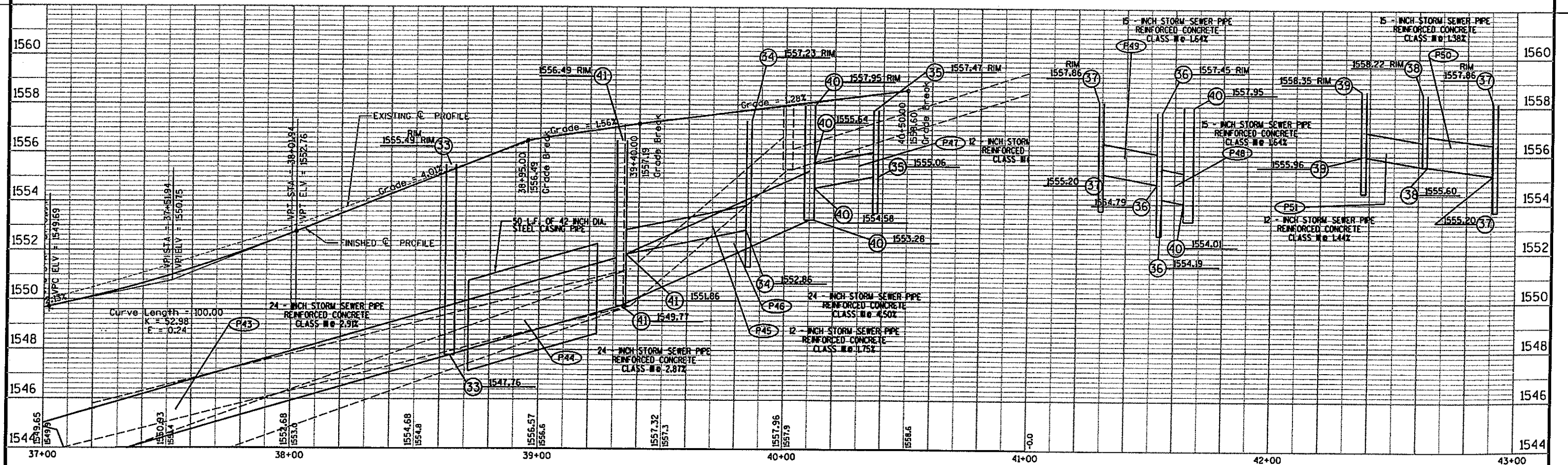
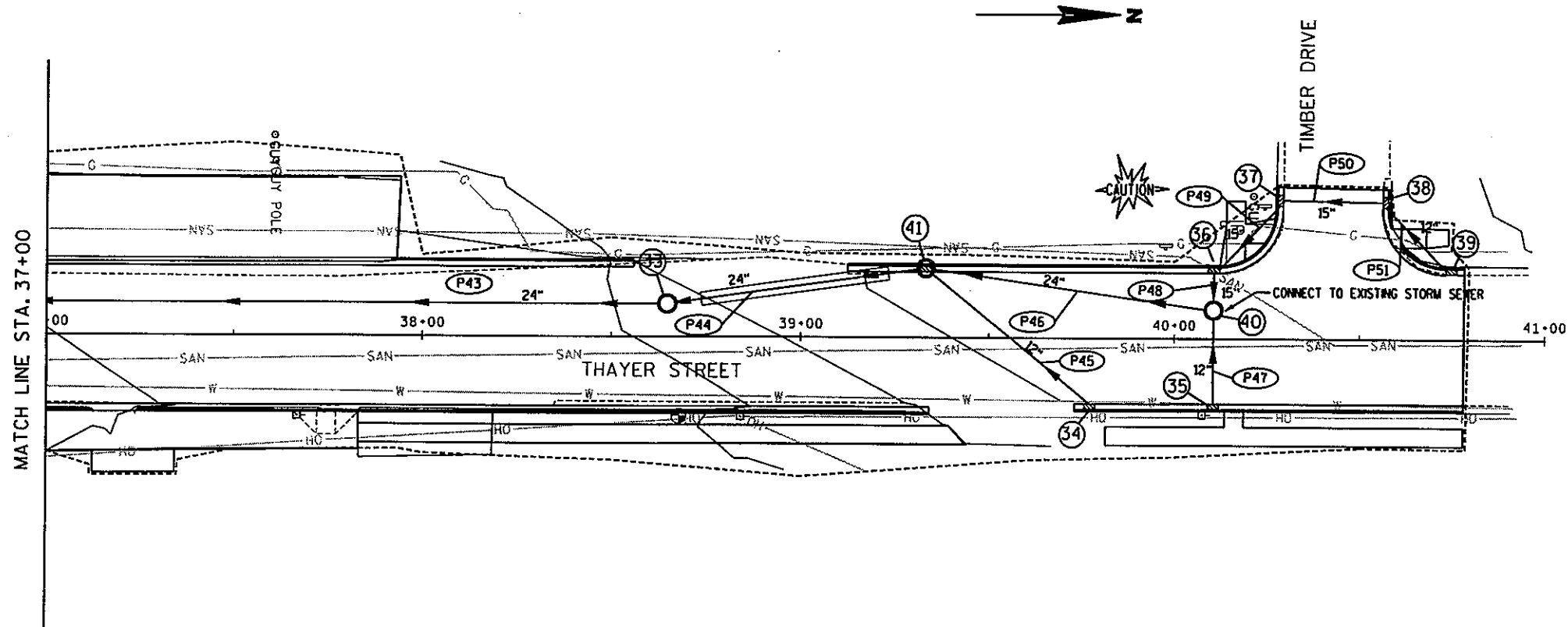
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PLOT NAME :

PLOT SCALE : AS SHOWN

WISDOT/CADD SHEET 40





PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

STORM SEWER

SHEET

E

FILE NAME : **...designfile...**

PLOT DATE : **...plottingdate...**

PLOT BY : **...plotuser...**

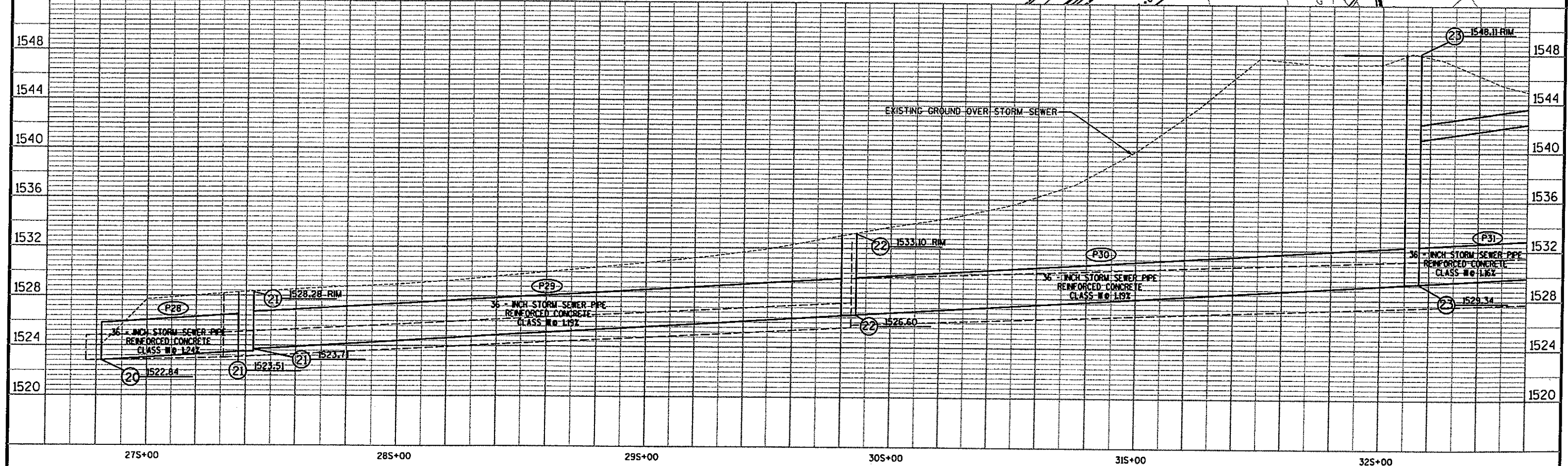
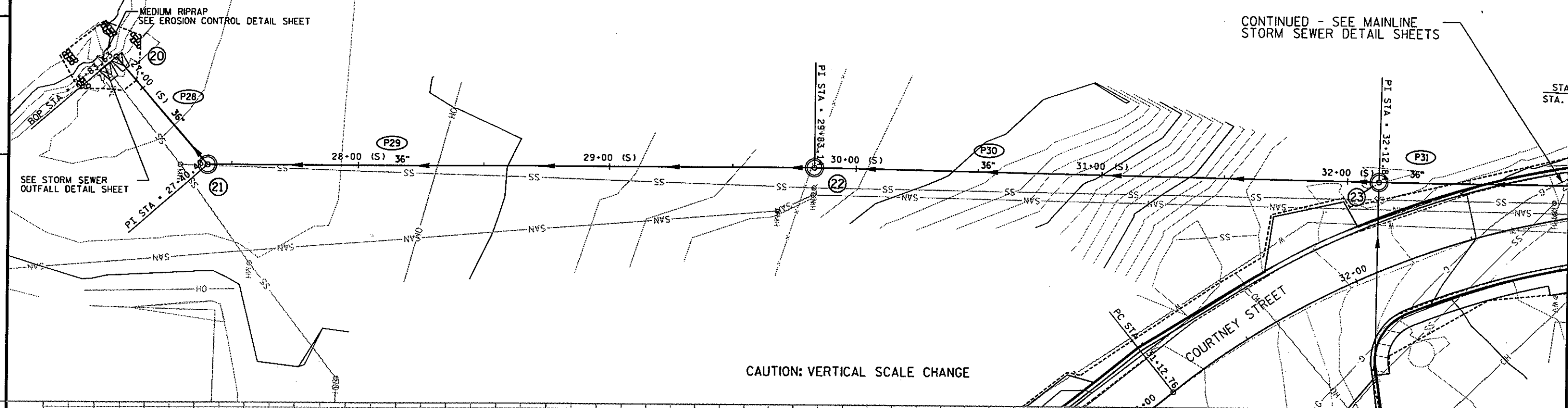
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WISDOT/CADDs SHEET 40

2

2



PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

STORM SEWER, S-LINE

SHEET

E

FILE NAME : **...designfile...**

PLOT DATE : **...plottingdate...**

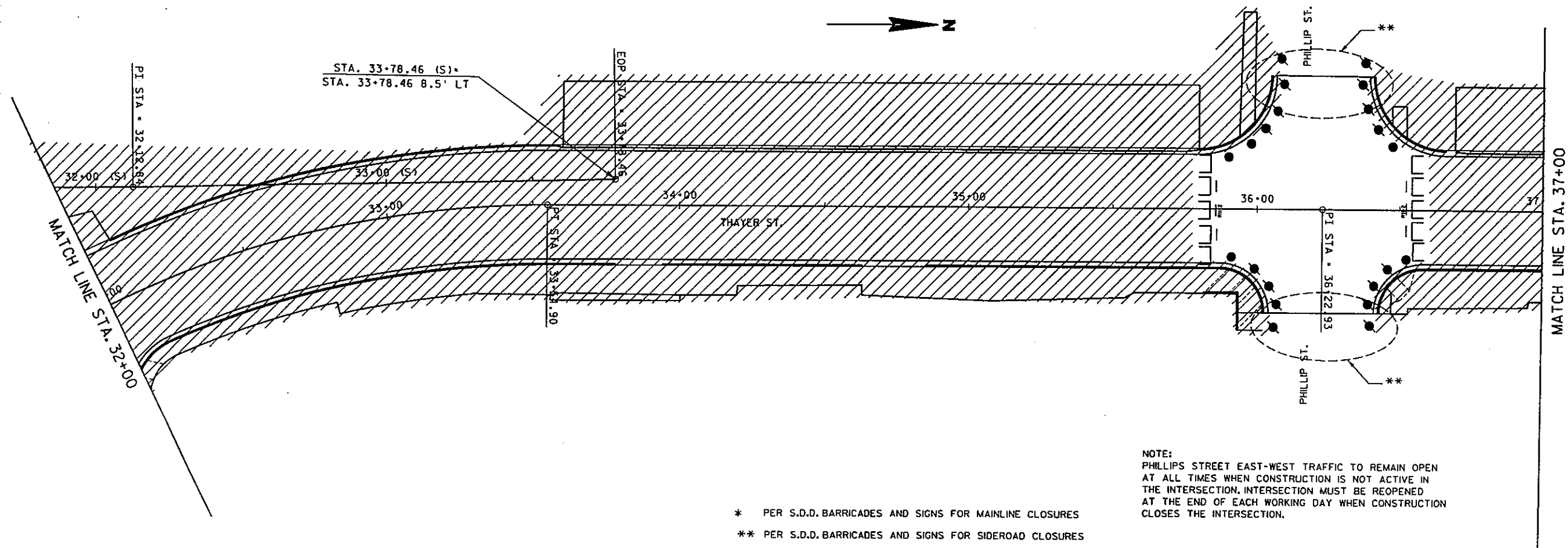
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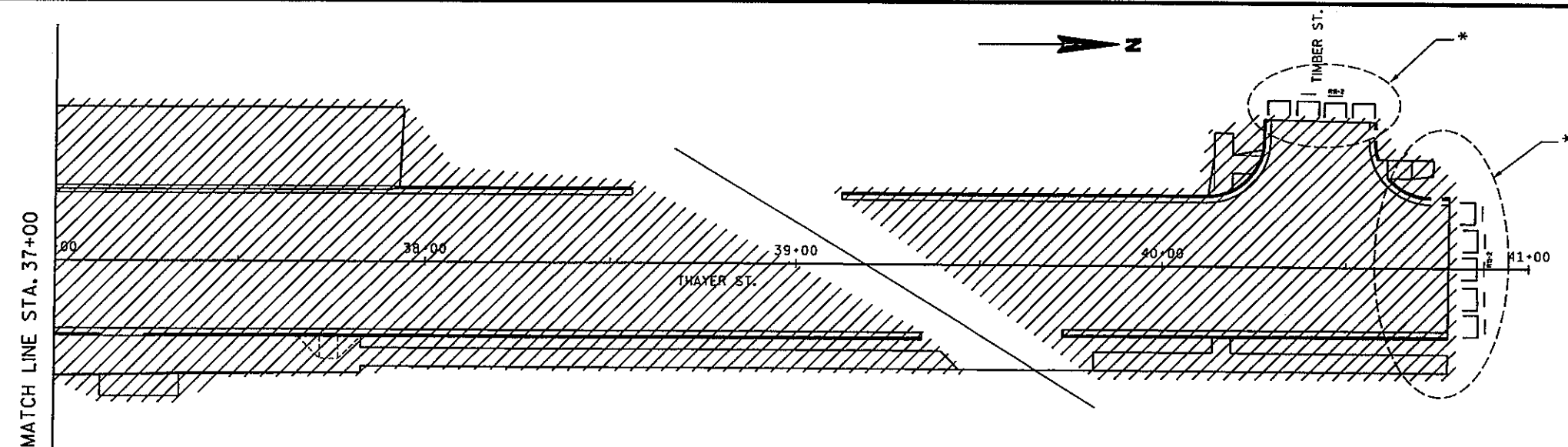
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WISDOT/CADD SHEET 40

2



2



LEGEND

- TYPE III BARRICADE
- TYPE III WITH TYPE A LIGHT
- TRAFFIC CONTROL DRUM
- DRUM WITH TYPE C LIGHT
- SIGN MOUNTED ON POST
- DENOTES WORK AREA CLOSED TO TRAFFIC

PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

TRAFFIC CONTROL - STAGE 1 AND 2

SHEET

E

FILE NAME : K:\p1onsh\ts\022003.TC.dgn

PLOT DATE : 01/05/2006

PLOT BY : MSA-PS

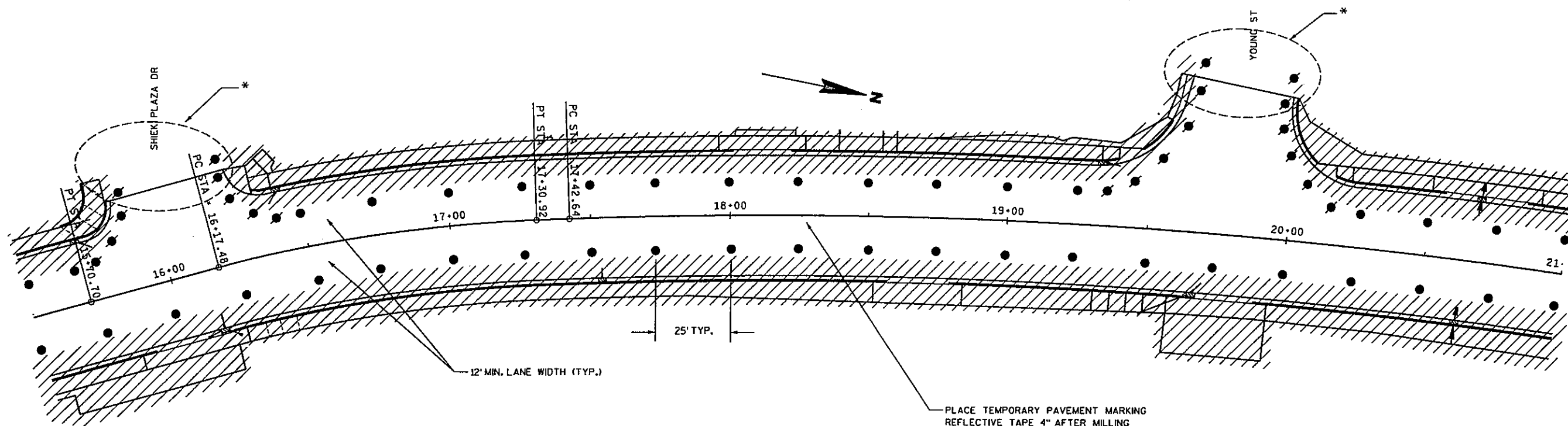
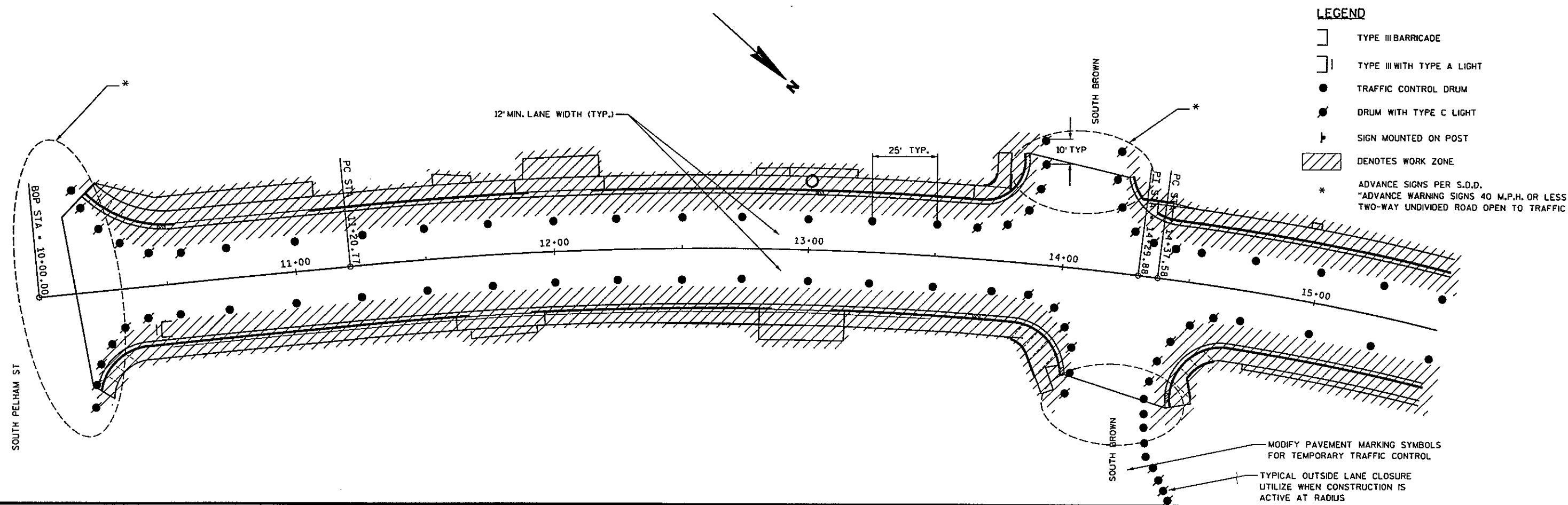
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PLOT SCALE : AS SHOWN

WISDOT/CADDs SHEET 42

2

2



PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

TRAFFIC CONTROL - STAGE 2

SHEET

E

FILE NAME : K:\planshts\022001-TC.dgn

PLOT DATE : 01/05/2006

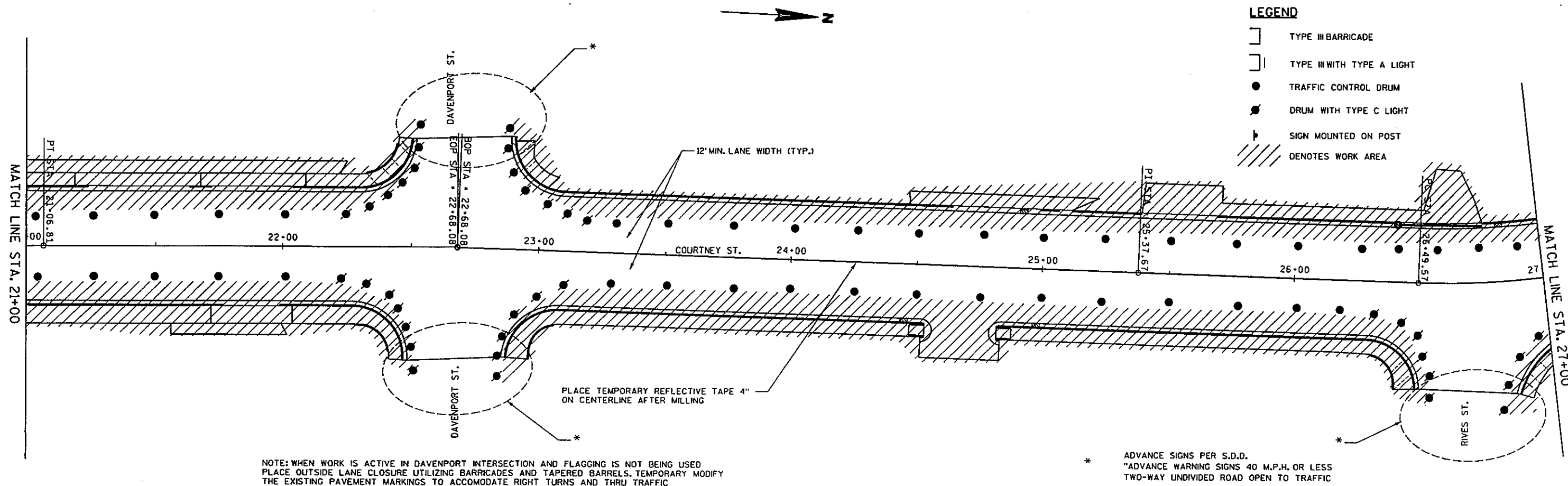
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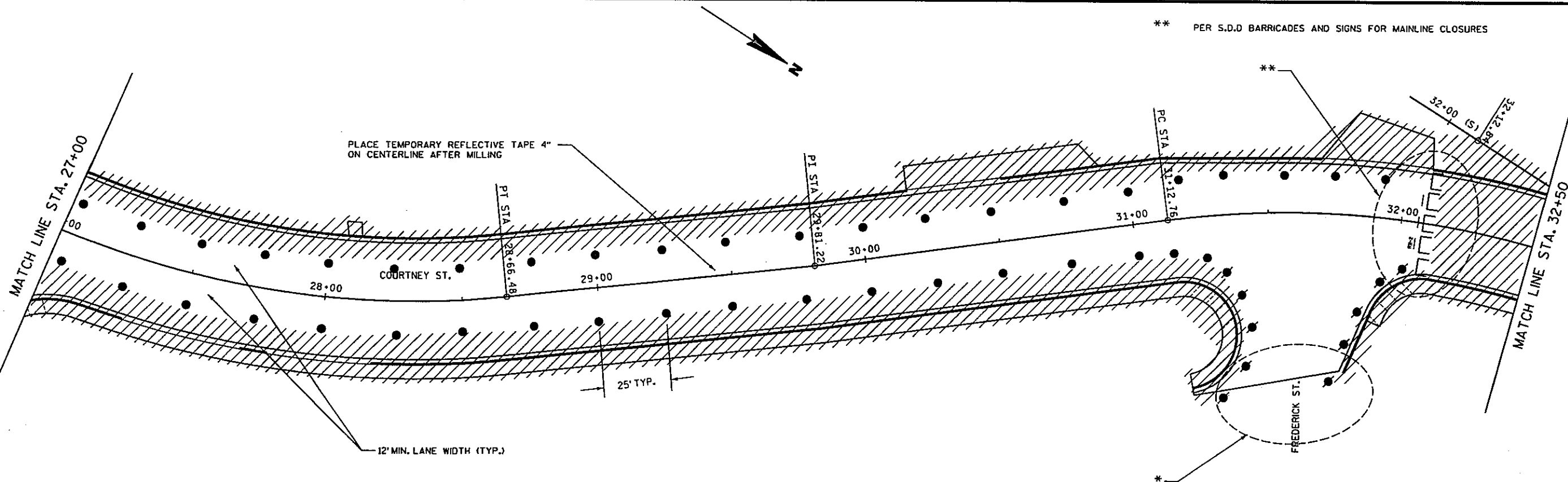
PLOT SCALE : AS SHOWN

WISDOT/CADDs SHEET 42

2



2



PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

TRAFFIC CONTROL - STAGE 2

SHEET

E

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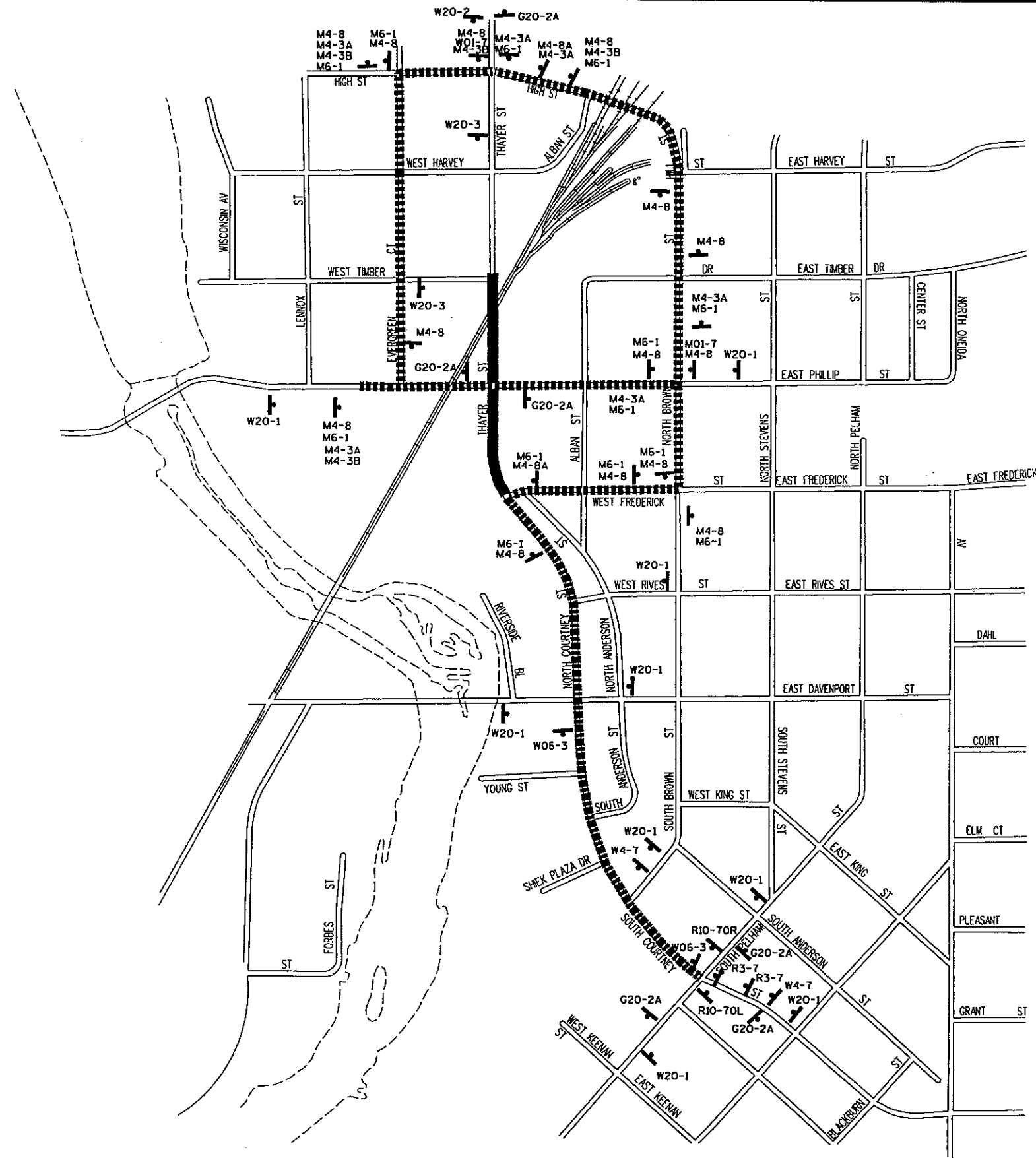
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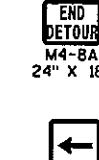
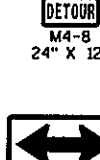
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PLOT SCALE : AS SHOWN

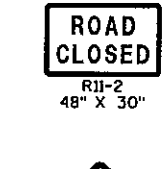
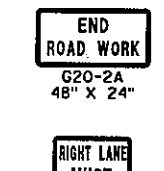
WISDOT/CADDs SHEET 42



LEGEND



NORTH

M 3-1
24" X 12"THAYER ST
M4-3A
24" X 12"PHILLIP ST
M4-3B
24" X 12"EAST
M 3-2
24" X 12"WEST
M 3-4
24" X 12"SOUTH
M 3-3
24" X 12"ACCESS TO
DOWNTOWN
BUSINESSESR10-70R
72" X 36"ACCESS TO
DOWNTOWN
BUSINESSESR10-70L
72" X 36"THRU
TRAFFIC
MERGE
LEFT

W4-1

THRU
TRAFFIC
MERGE
LEFT

W4-1

DENOTES ROAD CONSTRUCTION
OPEN TO TRAFFIC

DENOTES ROAD CLOSED

DENOTES DETOUR ROUTE

3

CLEARING AND GRUBBING SUMMARY

GROUP CODE	STATION TO STATION	LOCATION	(201.0105) CLEARING STA	(201.0205) GRUBBING STA
010	26+65 TO 27+00	S LINE	1	1
	29+70 TO 31+60	S LINE	2	2
	TOTAL		3	3

REMOVING CURB AND GUTTER

GROUP CODE	STATION TO STATION	LOCATION	(204.0150) LF
010	10+14 TO 13+80 LT	MAINLINE LT	391
	10+14 TO 14+10 RT	MAINLINE RT	403
	14+25 TO 15+80 LT	MAINLINE LT	183
	16+25 TO 19+60 LT	MAINLINE LT	376
	20+00 TO 22+50 LT	MAINLINE LT	290
	14+45 TO 22+50 RT	MAINLINE RT	840
	22+90 TO 36+05 LT	MAINLINE LT	1095
	22+90 TO 26+60 RT	MAINLINE RT	380
	22+90 TO 26+60 RT	PARKING LOT	287
	26+85 TO 31+25 RT	MAINLINE RT	540
	31+90 TO 36+05 RT	MAINLINE RT	468
	36+40 TO 40+78 LT	MAINLINE LT	226
	36+40 TO 40+78 RT	MAINLINE RT	421
	TOTAL		5900

REMOVING CONCRETE SIDEWALK

GROUP CODE	STATION TO STATION	(204.0155) SY
010	10+14 TO 13+80 LT	210
	10+14 TO 14+10 RT	217
	14+25 TO 15+80 LT	117
	16+25 TO 19+60 LT	243
	20+00 TO 22+50 LT	183
	14+45 TO 22+50 RT	609
	22+90 TO 36+05 LT	42
	22+90 TO 26+60 RT	320
	26+85 TO 31+25 RT	286
	31+90 TO 36+05 RT	402
	36+40 TO 40+78 LT	29
	36+40 TO 40+78 RT	342
	TOTAL	3000

TRAFFIC SIGNAL RELOCATION SUMMARY

GROUP CODE	STATION	LOCATION	(204.0195) REMOVING CONCRETE BASES EACH	(654.0102) CONCRETE BASES TYPE 2 EACH	(SPV.0060.37) CONCRETE BASES LIGHT POLE EACH	(SPV.0060.06) RELOCATE SIGNAL POLE EACH	(SPV.0060.07) RELOCATE STREET LIGHT EACH	(SPV.0060.05) RELOCATE PULL BOXES EACH	(SPV.0060.04) ADJUST PULL BOXES EACH
010	10+32	34' LT							
	10+33	30' RT	1		1		1	1	
	13+75	27' LT						1	
	14+00	38' RT							1
	14+35	31' LT							1
	14+55	33' RT						1	
	22+85	22' RT	1		1		1		
	22+42	30' LT				1		1	
	22+47	38' RT	1	1					
	22+38	29' RT						1	
	22+39	26' RT	1	1		1			
	22+96	36' LT	1	1		1			
	22+93	36' RT	1	1		1			
	23+00	28' LT						1	
	23+06	27' RT							1
	TOTAL		6	4	2	4	2	6	3

* NOTE: NEW LOCATION FOR TRAFFIC SIGNAL BASES TO BE STAKED AND LOCATION VERIFIED BY ENGINEER IN FIELD

REMOVING MANHOLES

GROUP CODE	STATION	(204.0210) EACH
010	29+83	1
	32+85	1
	33+48	1
	36+12	1
	36+22	1
	39+38	1
	40+01	1
	TOTAL	7

REMOVING INLETS

GROUP CODE	STATION	(204.0220) EACH
010	10+50, 24' LT.	1
	13+04, 24' LT.	1
	13+68, 24' RT.	1
	14+03, 41' RT.	1
	14+49, 46' RT.	1
	15+70, 24' LT.	1
	16+14, 24' RT.	1
	16+43, 24' LT.	1
	17+54, 24' RT.	1
	19+33, 24' LT.	1
	19+67, 24' RT.	1
	20+64, 24' RT.	1
	20+68, 24' LT.	1
	24+46, 24' RT.	1
	24+98, 24' RT.	1
	24+92, 24' LT.	1
	26+40, 24' LT.	1
	26+83, 24' LT.	1
	27+18, 24' RT.	1
	31+29, 57' RT.	1
	31+91, 40' RT.	1
	33+49, 20' RT.	1
	33+49, 20' RT.	1
	35+90, 20' LT.	1
	36+00, 25' RT.	1
	36+60, 20' RT.	1
	36+48, 30' LT.	1
	39+18, 20' LT.	1
	39+77, 20' RT.	1
	40+11, 20' RT.	1
	40+11, 20' LT.	1
	40+27, 30' LT.	1
	40+58, 32' LT.	1
	40+75, 19' LT.	1
	TOTAL	34

3

3

3

REMOVING STORM SEWER SUMMARY

GROUP CODE	STATION TO STATION	LOCATION	(204.0245.01) 12-INCH LF	(204.0245.02) 15-INCH LF	(204.0245.03) 24-INCH LF	(204.0245.04) 48-INCH LF	(204.0280) SEALING PIPES EACH	(SPV.0060.02) CONNECT TO EXISTING STORM SEWER EACH	(SPV.0060.03) CONNECT TO EXISTING STORM SEWER AT MANHOLE EACH
010	10+20 TO 10+50	20' - 24' LT	30					1	
	13+04	24' LT	5					1	
	13+68	24' RT	5					1	
	14+03	41' RT	5					1	
	14+49	46' RT	5					1	
	15+70	24' LT	5					1	
	16+14	24' RT	10					2	
	16+43	24' LT	5					1	
	17+54	24' RT	5					1	
	19+33	24' LT	5					1	
	19+50 TO 19+67	30' TO 24' RT	20					3	
	20+64	24' RT		10				3	
	20+68	24' LT		10				3	
	24+46	24' RT	5					1	
	24+98	24' RT	5					1	
	24+92	24' LT	5					1	
	24+46 TO 24+98	24' - 18' RT	50					1	
	26+40 TO 26+83	24' LT	40						
	26+83	24' LT		7				1	
	26+83 TO 27+00	24' TO 5' LT		23				1	
	27+18	24' RT	5					1	
	27+30 TO 29+83 S	0' TO 8' RT			263		1		
	29+83 TO 36+23	8' TO 4' RT				650			
	31+40 TO 32+85	55' RT TO 7' LT	155						
	33+48	19' LT TO 19' RT	38						
	35+90 TO 36+65	45' LT TO 25' RT	178					2	
	36+12	22' RT							1
	36+22	40' LT					2		
	36+23 TO 40+10	0' LT			387				
	36+59	48' LT							1
	39+16 TO 39+80	20' LT TO 20' RT	69						
	40+13	8' LT							1
	40+01 TO 40+75	29' LT TO 8' LT	80					1	
	TOTAL		730	50	650	650	3	30	3

PREPARE FOUNDATION FOR ASPHALTIC PAVING

GROUP CODE	STATION TO STATION	(211.0100) LS
010	32+00 TO 40+78	1
	TOTAL	1

FINISHING ROADWAY

GROUP CODE	STATION	(213.0100) EACH
010	10+14 TO 40+78	1
	TOTAL	1

BASE AGGREGATE DENSE 1 1/4-INCH

GROUP CODE	STATION - STATION	LOCATION	(305.0120) TON	(301.0100.S) OMP TON
010	10+14 TO 31+00	CURB REPLACEMENT (12")	2,082	2,082
	10+14 TO 31+00	STORM SEWER TRENCHES	60	60
	31+00 TO 40+78	MAINLINE (6")	1,669	1,669
	33+60 TO 37+94	PARKING AREAS (9")	429	429
	10+14 TO 40+78	6" SIDEWALK (6")	138	138
	10+14 TO 40+78	ASPHALT DRIVEWAYS & PATCHES (8")	426	426
	UNDISTRIBUTED	JOB MAINTANANCE	156	156
	TOTAL		4,960	4,960

*ADDITIONAL QUANTITY LISTED WITH ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES AND CONCRETE SIDEWALK 6-INCH

EXCAVATION SUMMARY

GROUP CODE	STATION - STATION	(205.0100) EXCAVATION COMMON CY	FILL CY	EXPANDED FILL* CY	WASTE* CY	EBS ** CY	(209.0100) BACKFILL GRANULAR CY	(SPV.0195.01) CONTAMINATED SOIL MANAGEMENT TON
010	10+14 TO 31+00 ***	1200	17	22	1181			140
	31+00 TO 40+78	2600	20	26	2582			
	35+00 TO 38+50 EBS			0	1300	1300	1700	
	TOTAL	****5100	37	48	5063	1300	1700	140

* NOT A BID ITEM - FOR INFORMATION ONLY. FILL EXPANSION 30%
** EBS SHALL BE PAID FOR AS COMMON EXCAVATION QUANTITY IS ESTIMATED BASED ON SOIL BORINGS
*** INCLUDES SILT EXCAVATION AT STORM SEWER OUTFALL
**** INCLUDES THE EBS QUANTITY

SALVAGED ASPHALTIC PAVEMENT BASE

GROUP CODE	STATION - STATION	LOCATION	(306.0110) TON
010	31+00 TO 40+78	MAINLINE	1,262
	UNDISTRIBUTED		153
	TOTAL		1,415

ASPHALTIC CONCRETE PAVEMENT

GROUP CODE	STATION TO STATION	LOCATION	(455.0115) ASPHALTIC MATERIAL PG64-22	(455.0605) TACK COAT	(460.1103) HMA PAVEMENT TYPE E-3.0	(460.3000) OMP HMA MIXTURE
			TON	GAL	TON	TON
010	10+14 TO 31+00	MAINLINE (2')	77.7	273	1295	1295
010	31+00 TO 40+78	MAINLINE (5')	78.3	112	1305	1305
010	33+60 TO 37+94	PARKING (4')	14.0	25	200	200
	TOTAL		170.0	410	2800	2800

ASPHALTIC SURFACE PATCHING

GROUP CODE	STATION	LOCATION	(465.0110)
			TONS
010	10+14 TO 31+00	CURB PATCHING LT	150
	10+14 TO 31+00	CURB PATCHING RT	150
	10+14 TO 31+00	STORM SEWER TRENCHES	30
	TOTAL		335

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

GROUP CODE	STATION	(465.0120) ASPHALTIC SURFACE DRIVEWAYS	(305.0120) BASE AGGREGATE DENSE 1 1/4-INCH & OMP	(301.0100.S) BASE AGGREGATE
		TONS	TONS	TONS
010	10+64 LT	5	15	
	10+93 LT	3	9	
	11+78 RT	2	6	
	12+03 LT	4	12	
	12+98 RT	3	9	
	13+00 LT	2	6	
	16+03 RT	13	39	
	18+11 LT	1	3	
	19+76 RT	12	36	
	20+70 LT	10	30	
	21+43 LT	6	18	
	21+87 LF	5	15	
	21+87 RT	4	12	
	23+10 TO 26+30 RT	20	60	
	24+81 LT	6	18	
	25+53 LT	9	27	
	26+58 LT	11	33	
	30+36 LT	12	36	
	31+89 LT	9	27	
	33+86 RT	3	9	
	37+18 RT	5	15	
	TOTAL	145	435	

INFORMATION ONLY

*ADDITIONAL QUANTITY LISTED ELSEWHERE

(490.0100)
SALVAGED ASPHALTIC
PAVEMENT

(490.0200)
SALVAGED ASPHALTIC
PAVEMENT MILLING

STATION TO STATION	SY	SY
10+14 TO 31+00 CURB REPLACEMENT	487	
10+14 TO 31+00 MAINLINE		10150
31+00 TO 40+78 MAINLINE	5332	
DRIVEWAYS AND PATCHES	981	
TOTAL	6800	10150

** FOR INFORMATION ONLY**

*SALVAGED ASPHALTIC PAVEMENT = APPROXIMATELY 888 TONS
ASSUMING 3-INCH ASPHALT DEPTH

*SALVAGED ASPHALTIC PAVEMENT MILLING = APPROXIMATELY
1125 TONS ASSUMING 2-INCH ASPHALT DEPTH
TOTAL = APPROX. 2013 TONS

SURFACE DRAIN PIPE CORRUGATED METAL SLOTTED, 12 INCH

GROUP CODE	STATION	(521.2005.S) LF
010	32+22, 34' LT	34
	TOTAL	34

APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE

GROUP CODE	STATION	(522.1024) APRON ENDWALL 24 INCH EACH	(522.1036) APRON ENDWALL 36 INCH EACH	(611.9800.S) PIPE GRATES EACH
010	26+84	1		1
	26+84		1	1
	TOTAL	1	1	2

3

CONCRETE GUTTER, CONCRETE CURB AND GUTTER

GROUP CODE	STATION TO STATION	LOCATION	(601.0205) GUTTER 24-INCH LF	(SPV.0090.16) CURB AND GUTTER 24-INCH, TYPE D LF
			LF	LF
010	10+14 TO 13+80 LT	MAINLINE		391
	10+14 TO 14+10 RT	MAINLINE		403
	14+25 TO 15+80 LT	MAINLINE		183
	16+25 TO 19+60 LT	MAINLINE		376
	20+00 TO 22+50 LT	MAINLINE		290
	14+45 TO 22+50 RT	MAINLINE		849
	22+90 TO 33+60 LT	MAINLINE		1105
	22+90 TO 26+60 RT	MAINLINE		395
	23+00 TO 26+35 RT	PARKING		290
	26+85 TO 31+40 RT	MAINLINE		525
	31+90 TO 36+05 RT	MAINLINE		457
	33+60 TO 36+05 LT	MAINLINE	220	45
	36+40 TO 40+78 LT	MAINLINE	125	281
	36+40 TO 40+78 RT	MAINLINE		410
			345	6000

CONCRETE SIDEWALK

GROUP CODE	STATION TO STATION	(602.0405) 4-INCH SF
		SF
010	10+14 TO 13+80 LT	1440
010	10+14 TO 14+10 RT	1885
010	14+25 TO 15+80 LT	890
010	16+25 TO 19+60 LT	1705
010	20+00 TO 22+50 LT	705
010	14+45 TO 22+50 RT	4225
010	22+90 TO 36+05 LT	375
010	22+90 TO 26+60 RT	1989
010	26+85 TO 31+25 RT	2015
010	31+90 TO 36+05 RT	3010
010	36+40 TO 40+78 LT	257
010	36+40 TO 40+78 RT	2604
	TOTAL	21100

CONCRETE SIDEWALK 6-INCH

GROUP CODE	STATION	(602.0145) CONCRETE SIDEWALK, 6-INCH SF	(305.0120) BASE AGGREGATE DENSE 1 1/4-INCH & OMP BASE AGG. TONS	(301.0100.S)
		SF	TONS	
010	10+64 LT	189	4	
	10+93 LT	160	6	
	11+78 RT	175	6	
	12+03 LT	175	6	
	12+98 RT	175	6	
	16+03 RT	190	7	
	18+11 LT	155	6	
	18+68 LT	224	8	
	19+76 RT	216	8	
	20+70 LT	200	7	
	21+43 LT	250	9	
	21+87 LF	210	8	
	21+87 RT	224	8	
	27+38 RT	270	10	
	28+00 RT	240	9	
	33+86 RT	260	9	
	34+74 RT	325	12	
	37+18 RT	242	9	
	TOTAL	3800	*138	

* NOTE: THIS IS FOR INFORMATIONAL PURPOSES ONLY
ADDITIONAL QUANTITY IS LISTED ELSEWHERE

CURB RAMP SUMMARY

GROUP CODE	STATION	(602.0505) CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	(601.0600) CONCRETE CURB PEDESTRIAN LF
		SF	LF
010	10+30, 32' LT	8	
010	10+30, 30' RT	8	
010	13+75, 27' LT	8	14
010	13+85, 30' RT	8	17
010	14+30, 28' LT	8	12
010	14+50, 32' RT	8	20
010	15+85, 28' LT	8	
010	16+35, 27' LT	8	
010	16+35, 26' RT	8	
010	19+40, 27' LT	8	
010	19+40, 26' RT	8	
010	20+19, 26' LT	8	
010	22+40, 30' LT	8	19
010	22+40, 31' RT	8	19
010	22+95, 31' LT	8	19
010	22+95, 29' RT	8	
010	24+50, 26' RT	8	
010	24+85, 26' RT	8	
010	26+45, 31' RT	8	19
010	27+00, 31' RT	8	
010	31+30, 32' RT	8	
010	32+00, 29' RT	8	
010	35+97, 30' LT	8	
010	35+97, 25' RT	8	26
010	36+50, 29' LT	8	
010	36+50, 27' RT	8	
010	39+37, 26' RT	8	
010	39+84, 26' RT	8	
010	40+15, 22' LT	8	
010	40+15, 22' RT	8	
010	40+24, 29' LT	8	
010	40+64, 29' LT	8	
	TOTAL	256	165

RIPRAP MEDIUM, GEOTEXTILE FABRIC, TYPE R

GROUP CODE	STATION	(606.0200) MEDIUM RIPRAP CY	(645.0130) GEOTEXTILE FABRIC TYPE R SY
		CY	SY
010	26+83, OUTFALL	25	95
	TOTAL	25	95

STORM SEWER PIPE REINFORCED CONCRETE CLASS III SUMMARY

GROUP CODE	STATION TO STATION	(608.0312) 12-INCH LF	(608.0315) 15-INCH LF	(608.0318) 18-INCH LF	(608.0324) 24-INCH LF	(608.0330) 30-INCH LF	(608.0336) 36-INCH LF
		LF	LF	LF	LF	LF	LF
010	10+14 TO 40+78	549	221	39	402	29	929
	TOTAL	549	221	39	402	29	929

PLEASE SEE THE ATTACHED STORM SEWER TABLE FOR MORE DETAIL

3

CATCH BASINS - SUMMARY

GROUP CODE	STATION TO STATION	(611.0101) CATCH BASIN TYPE 1 EACH	(611.0105) CATCH BASIN TYPE 3 EACH	(611.0606) INLET COVER TYPE B EACH	(611.0639) INLET COVER TYPE HS EACH	(611.0651) INLET COVER TYPE S EACH	(SPV.0060.01) TEMPORARY WATER PASSAGES EACH
010	10+14 TO 40+78	6	29	2	29	4	35
	TOTAL	6	29	2	29	4	35

SEE STORM SEWER TABLE FOR MORE DETAIL

MANHOLE SUMMARY

GROUP CODE	STATION TO STATION	(611.0201) MANHOLE TYPE 1 EACH	(611.0210) MANHOLE TYPE 3 EACH	(611.0530) MH COVER TYPE J EACH
010	10+14 TO 40+78	5	6	10
	TOTAL	5	6	10

SEE ATTACHED STORM SEWER TABLE FOR MORE DETAILS

FENCE CHAIN LINK SALVAGED 6-FT

GROUP CODE	STATION	LOCATION	(616.0406) LF
010	29+75	STORM ALIGNMENT	30
	TOTAL		30

ADJUST MANHOLE AND WATER VALVE BOX

GROUP CODE	STATION	LOCATION	(611.8110) ADJUSTING MANHOLE EACH	(611.8120.S) COVER PLATES TEMPORARY EACH	(SPV.0060.38) ADJUST WATER VALVES EACH
010	10+78	10' LT	1	1	
	12+95	2' RT	1	1	
	13+50	10' RT	1	1	
	13+90	25' LT			1
	13+95	25' LT			1
	14+08	CL	1	1	
	14+26	9' RT	1	1	
	15+91	3' RT	1	1	
	16+15	3' RT	1	1	
	16+35	25' RT	1	1	
	17+52	15' RT	1	1	
	18+65	16' LT	1	1	
	19+50	12' RT			1
	19+98	13' LT	1	1	
	20+24	5' LT			1
	20+65	CL	1	1	
	22+12	2' LT			1
	22+35	18' RT			1
	22+68	CL	1	1	
	22+68	36' RT	1	1	
	22+85	5' LT			1
	24+95	15' RT	1	1	
	27+00	5' LT	1	1	
			16	16	7

MOBILIZATION SUMMARY

GROUP CODE	STATION TO STATION	(619.1000) MOBILIZATION EACH	(628.1905) EROSION CONTROL MOBILIZATION EACH	(628.1910) EMERGENCY EROSION CONTROL MOBILIZATIONS EACH
010	10+14 TO 40+78	1	2	2
	TOTAL	1	2	2

FINISHING ITEMS SUMMARY

GROUP CODE	STATION TO STATION	(625.0100) TOPSOIL SY	(625.0500) SALVAGED TOPSOIL SY	(627.0200) MULCHING SY	(628.1104) EROSION BALES EACH	(628.2004) EROSION MAT CLASS 1, TYPE B SY	(629.0210) FERTILIZER TYPE B CWT	(630.0200) SEEDING TEMPORARY LB	(630.0140) SEEDING MIXTURE #40 LB	(631.1000) SOD LAWN SY
010	10+14 TO 22+50 LT	153					0.10			153
010	10+14 TO 22+50 RT	140					0.09			163
010	22+50 TO 40+78 LT	632					0.59			632
010	22+50 TO 40+78 RT	552					0.35			552
010	UNDISTRIBUTED	200					0.13			200
010	S-20 TO S-23 STORM SEWER		2780	2800	28	400	1.75	75	50	
	TOTAL	1677	2780	2800	28	400	3.00	75	50	1700

3

INLET PROTECTION			
GROUP CODE	STATION	(628.7010) INLET PROTECTION TYPE B	(628.7015) INLET PROTECTION TYPE C
		EACH	EACH
010	10+50, 24' LT.		1
	13+04, 24' LT.		1
	13+68, 24' RT.		1
	14+03, 41' RT.		1
	14+49, 46' RT.		1
	15+70, 24' LT.		1
	16+14, 24' RT.	1	
	16+43, 24' LT.		1
	17+54, 24' RT.		1
	19+33, 24' LT.		1
	19+67, 24' RT.	1	
	20+64, 24' RT.		1
	20+68, 24' LT.	1	
	24+46, 24' RT.		1
	24+98, 24' RT.		1
	24+92, 24' LT.	1	
	26+40, 24' LT.	1	
	26+83, 24' LT.		1
	27+18, 24' RT.		1
	31+29, 57' RT.		1
	31+91, 40' RT.		1
	33+49, 20' RT.		1
	33+49, 20' RT.		1
	33+86, 20' LT.	1	
	36+05, 44' LT.		1
	36+02, 37' RT.		1
	36+60, 20' RT.		1
	36+68, 20' LT.		1
	39+18, 20' LT.		1
	39+77, 20' RT.		1
	40+11, 20' RT.		1
	40+11, 20' LT.		1
	40+27, 37' LT.		1
	40+58, 36' LT.		1
	40+75, 19' LT.		1
	TOTALS	6	29

FIELD OFFICE		
GROUP CODE	STATION TO STATION	(642.5000) TYPE B EACH
010	10+14 TO 40+78	1
	TOTAL	1

TRAFFIC CONTROL							
GROUP CODE	LOCATION	(643.0200) TRAFFIC CONTROL SURVEILLANCE & MAINTENANCE DAYS	(643.0300) DRUMS DAYS	(643.0420) BARRICADES TYPE III DAYS	(643.0705) WARNING LIGHTS TYPE A DAYS	(643.0715) WARNING LIGHTS TYPE C DAYS	(643.0900) SIGNS DAYS
							(643.3000) TRAFFIC CONTROL DETOUR SIGNS DAYS
010	10+14 TO 32+00		22680	168	440	8652	1560
010	32+00 TO 40+78		1770	1932	2520	1348	840
010	DETOUR						3200
	TOTAL	85	24450	2100	2960	10000	2400

TEMPORARY PAVEMENT MARKING REFLECTIVE TAPE 4-INCH		
GROUP CODE	STATION TO STATION	(649.0300) LF
010	10+14 TO 31+00	520
	TOTAL	520

CONSTRUCTION STAKING							
GROUP CODE	STATION	TO STATION	(650.4000) STORM SEWER SYSTEM EACH	(650.4500) SUB GRADE LF	(650.5000) BASE		(650.5500) CURB, GUTTER CURB AND GUTTER LF
					5' SALVAGED ASPHALTIC PAVEMENT BASE LF	6' BASE AGGREGATE DENSE 1-1/4 INCH LF	
010	10+14	31+00	25				4330
	31+00	40+78	25	980	980	980	2000
					980	980	
	TOTALS		50	980		1960	6330

SAWING EXISTING PAVEMENT		
GROUP CODE	STATION	(690.0100) LF
010	10+14 TO 31+00 STREET MATCHES	359
	31+00 TO 40+78 STREET MATCHES	185
	10+14 TO 40+78 DRIVEWAYS MATCHES	1454
	10+14 TO 31+00 CURB REPLACEMENT	2066
	SIDEWALK AND CURB REMOVALS	336
	TOTAL	4400

42-INCH DIAMETER STEEL CASING, BORE AND JACK		
GROUP CODE	STATION	(SPV.0090.01) LF
010	38+73 TO 39+23	50
	TOTAL	50

3

CONVENTIONAL SIGNS AND ABBREVIATIONS

CONVENTIONAL SYMBOLS AND ABBREVIATIONS		
STATE, COUNTY, or TOWN LINE	---	ACCESS POINT
SECTION LINE	---	ACCESS RIGHTS
QUARTER LINE	---	ACRES
SIXTEENTH LINE	---	AND OTHERS
PROPOSED REFERENCE LINE	---	CENTERLINE
PROPOSED R/W LINE	---	CERTIFIED SURVEY MAP
EXISTING H.E. LINE	---	DOCUMENT
PROPERTY LINE	---	HIGHWAY EASEMENT
EASEMENT LINE	---	LAND CONTRACT
CORPORATE LIMITS	---	MONUMENT
EXISTING CENTERLINE	---	PAGE
LOT & TIE LINES	---	PROPERTY LINE
UTILITIES	---	PERMANENT LIMITED EASEMENT
(TELEPHONE, GAS, ELECTRIC, CABLE TV, FIBER OPTIC)	---	RECORDED AS
ACCESS RESTRICTED	---	REFERENCE LINE
(BY PREVIOUS PROJECT/CONTROL)	---	REMAINING
NO ACCESS	---	RIGHT-OF-WAY
(BY ACQUISITION)	---	SECTION
NO ACCESS	---	SQUARE FEET
(BY STATUTORY AUTHORITY)	---	STATION
FEE (HATCH VARIES)	---	TEMPORARY LIMITED EASEMENT
TEMPORARY LIMITED EASEMENT	---	VOLUME
PERMANENT LIMITED EASEMENT	---	
PARCEL NUMBER	---	
SIGN NUMBER	---	
(OFF PREMISE)	---	
BUILDING	---	
FOUND IRON PIPE/PIN	---	
R/W MONUMENT	---	
R/W STANDARD	---	
SIGN	---	

NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, ONEIDA COUNTY ZONE, NAD 83 (1983) ADJUSTMENT. THE COORDINATES SHOWN ARE GRID COORDINATES AND ARE TO BE USED AS GRID OR GROUND VALUES ON THIS PLAT.

RIGHT-OF-WAY MONUMENTS WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

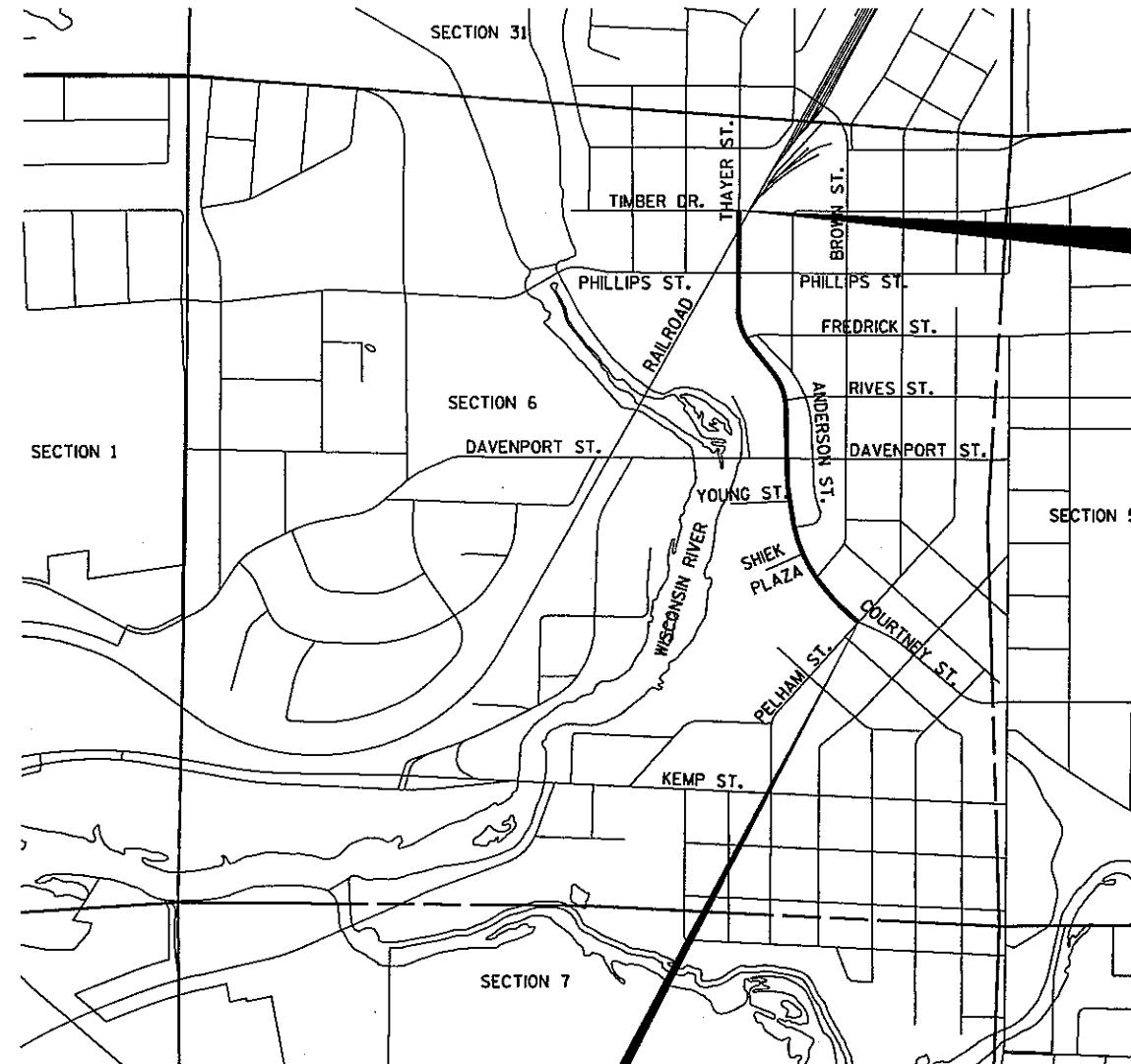
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER SURVEYS OF PUBLIC RECORD.

EXISTING STREET RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE ORIGINAL PLAT OF THE VILLAGE OF RHINELANDER, EXISTING PROPERTY IRONS AND CERTIFIED SURVEY MAPS OF RECORD

DISTANCES TO BUILDINGS ARE APPROXIMATE

CITY OF RHINELANDER

R.9.E.



BEGIN RELOCATION ORDER
STA. 10+00

3714.16' S. OF AND 4523.71' E. OF THE
NW 1/4 COR. OF SEC. 6 T36N, R9E

LAYOUT
SCALE 0 0.25 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.587 MI.

R/W PROJECT NUMBER	9407-03-70	SHEET NUMBER	TOTAL SHEETS
FEDERAL PROJECT NUMBER		4.1	09
PLAT OF RIGHT-OF-WAY REQUIRED FOR PELHAM STREET - TIMBER DRIVE			
COURTNEY-THAYER		ONEIDA CO.	
CONSTRUCTION PROJECT NUMBER 9407-03-70			

ACCEPTED FOR

CITY of RHINELANDER

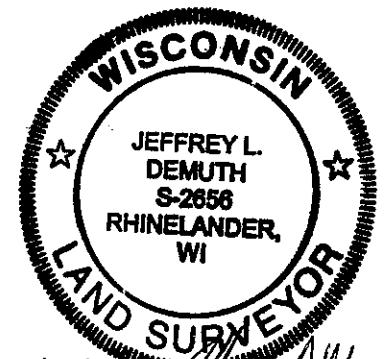
3/3/06 Richard John
(Date) (Signature)

ORIGINAL PLANS PREPARED BY

MSA

PROFESSIONAL SERVICES

1835 N. Stevens St. Rhinelander, WI 54501
715-362-3244 1-800-844-7854 Fax: 715-362-4116
© MSA PROFESSIONAL SERVICES



02/20/2006
(Date) (Signature)

REVISION DATE
02/16/06

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED FOR DISTRICT OFFICE

DATE: (Signature)

E

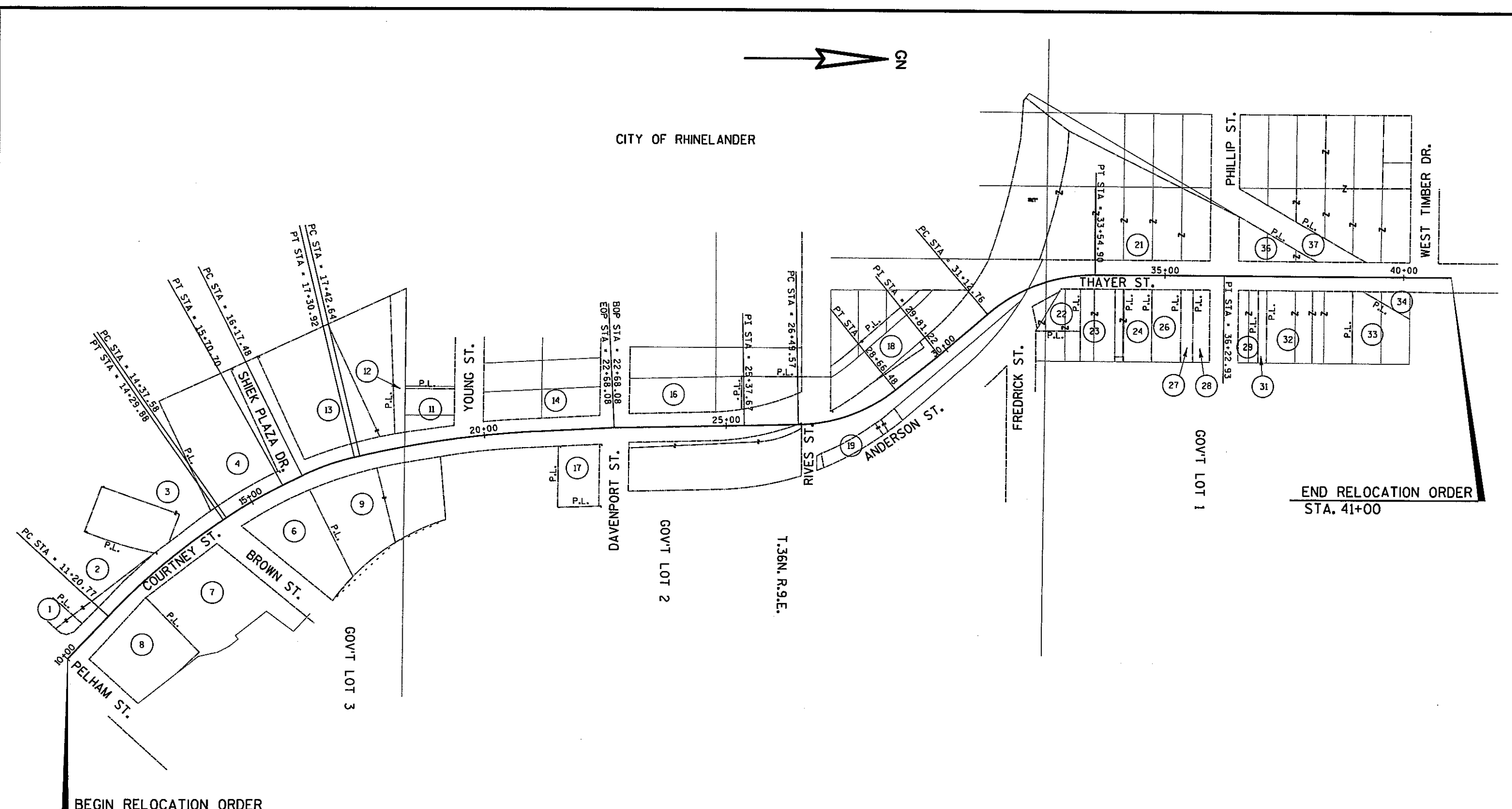
SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

PARCEL NUMBER	SHEET NUMBER	OWNER'S NAME	TAX NUMBER	INTEREST REQUIRED	TOTAL ACRES	R/W NEW	R/W REQUIRED TOTAL	TOTAL REMAINING ACRES	T.L.E. SQUARE FEET
1	4.04	GERALD AND JULIE SHIDELL	RH 296,RH 295	T.L.E.	0.59 AC				213 SQ.FT.
2	4.04	NORTHERN LAKES PUBLISHING CO.	RH 329-2	FEE & T.L.E.	0.73 AC	192 SQ.FT.	192 SQ.FT.	0.59AC	1374 SQ.FT.
3	4.04	TRYGVE A. AND TULA T. SOLBERG	RH 1308, RH 329-7	FEE & T.L.E.	11.51 AC	753 SQ.FT.	753 SQ.FT.	11.49AC	452 SQ.FT.
4	4.04,4.05	SACRED HEART-ST. MARY'S HOSPITALS, INC.	RH329	FEE	0.73 AC	162 SQ.FT.	162 SQ.FT.	0.73AC	
6	4.04,4.05	RANDALL L. AND PATRICA A. NATROP	RH 9106-0410	FEE & T.L.E.	1.08 AC	30 SQ.FT.	30 SQ.FT.	1.08AC	562 SQ.FT.
7	4.04	DEBYLE'S INC.	RH 9106-1306	FEE & T.L.E.	0.88 AC	99 SQ.FT.	99 SQ.FT.	0.88AC	460 SQ.FT.
8	4.04	FAMILY VIDEO MOVIE CLUB INC.	RH 9106-1312	FEE & T.L.E.	0.57 AC	49 SQ.FT.	49 SQ.FT.	0.57AC	263 SQ.FT.
9	4.05	PARK CITY CREDIT UNION	RH 9106-04090	T.L.E.	1.08 AC				197 SQ.FT.
11	4.05	GEORGE H. HEGEWALD	RH 221	T.L.E.	0.25 AC				262 SQ.FT.
12	4.05	NORTHWOODS MEDICAL ASSOCIATES S.C.	RH 329-6	T.L.E.	0.93 AC				16 SQ.FT.
13	4.05	GEORGE A. FAIT	RH 329-1	FEE & T.L.E.	1.42 AC	154 SQ.FT.	154 SQ.FT.	1.42AC	393 SQ.FT.
14	4.06	THOMAS AND NANETTE MORTIZ	RH 166	FEE & T.L.E.	0.79 AC	745 SQ.FT.	745 SQ.FT.	0.77AC	1242 SQ.FT.
16	4.06	MERCHANTS STATE BANK	RH 158	FEE	1.09 AC	30 SQ.FT.	30 SQ.FT.	1.09AC	
17	4.06	RAYMOND G. WEBER	RH 9106-0401	T.L.E.	0.25 AC			0.25AC	552 SQ.FT.
18	4.07	PEGGY J. DIBBLES N/K/A PEGGY J. COLBURN	RH 69	FEE & T.L.E.	0.59 AC	47 SQ.FT.	47 SQ.FT.	0.59AC	194 SQ.FT.
19	4.07	KUCZMARSKI REVOCABLE TRUST	RH 71-1	T.L.E.	0.12 AC				218 SQ.FT.
21	4.08	CITY OF RHINELANDER HOUSING AUTHORITY	RH 54-1	FEE	2.16 AC	5252 SQ.FT.	5252 SQ.FT.	2.04AC	
22	4.08	STEVEN ZASTROW	RH 55-1	FEE & T.L.E.	0.19 AC	103 SQ.FT.	103 SQ.FT.	0.19AC	201 SQ.FT.
23	4.08	JOHN P. AND JENNIFER U. TURZENSKI	RH 56, RH 57	T.L.E.	0.21 AC				364 SQ.FT.
24	4.08	BRUNETTE CITY CLEANERS AND LAUNDRY, INC.	RH 58, RH 57-1	T.L.E.	0.26 AC				393 SQ.FT.
26	4.08	FARVIEW MANAGEMENT, LLC	RH 59, RH59-1	T.L.E.	0.26 AC				477 SQ.FT.
27	4.08	DUSTY'S FIRESIDE INN, INC.	RH 60	T.L.E.	0.09 AC				198 SQ.FT.
28	4.08	PALM ELECTRIC SERVICE, INC.	RH 60-1	T.L.E.	0.12 AC				276 SQ.FT.
29	4.09	RONALD J. PALM	RH 34	T.L.E.	0.15 AC				365 SQ.FT.
31	4.09	MARVIN F. AND SEGUNDA SIVERTSEN	RH 34-2	T.L.E.	0.05 AC				156 SQ.FT.
32	4.09	LYNDA D. ROSNER	RH 35,RH 36, RH 36-1, RH 37	T.L.E.	0.62 AC				1555 SQ.FT.
33	4.09	SETTLE IN SERVICES, INC.	RH 38-1,RH 39-1	T.L.E.	0.21 AC				243 SQ.FT.
34	4.09	SOO LINE RAILROAD	RH 38	T.L.E.					900 SQ.FT.
36	4.09	RHINELANDER DISPOSAL SERVICE, INC.	RH-52-1	FEE	0.17 AC	2969 SQ.FT.	2969 SQ.FT.	0.10AC	
37	4.09	WISCONSIN CENTRAL LTD.	RH-54-2	T.L.E.					96 SQ.FT.
40	4.05	WISCONSIN PUBLIC SERVICE		RELEASE OF RIGHTS					
41	4.05	DONALD MANGERSON		RELEASE OF RIGHTS					
42	4.09	RHINELANDER TRANSFER & STORAGE, INC.		RELEASE OF RIGHTS					
37	4.09	WISCONSIN CENTRAL LTD.		RELEASE OF RIGHTS					

4

4



BEGIN RELOCATION ORDER
STA. 10+00

END RELOCATION ORDER
STA. 41+00

REVISION DATE 02/16/06	DATE	NOT TO SCALE	HWY: COURTNEY ST. COUNTY: ONEIDA	STATE R/W PROJECT NUMBER 9407-03-70 CONSTRUCTION PROJECT NUMBER	PLAT SHEET NO: 4.03 PS&E SHEET	E
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ORIGINAL R/W FROM
C.S.M. 1253
MAP#A0954
C.S.M. 1027
C.S.M. 1803
C.S.M. 1041

CITY OF RHINELANDER

FIRST ADDITION TO RHINELANDER

NORTHERN LAKES PUBLISHING CO.

MAP #A0954

TRYGVE A. AND TULA T. SOLBERG

SACRED HEART - ST. MARY'S HOSPITALS, INC.

SACRED HEART
DOC. 592699

BEGIN RELOCATION ORDER
STA. 10+00

R/W POINTS

POINT NO.	STATION	OFFSET	Y	X
3999	10+79.10	28.57 L	163668.48	263689.73
4000	10+84.11	29.50 L	163671.20	263685.42
4001	11+20.77	29.50 L	163696.13	263658.54
4002	11+64.80	29.50 R	163769.19	263667.50
4003	12+28.97	29.50 R	163814.33	263623.82
4004	12+43.88	29.45 L	163785.55	263570.26
4005	12+98.40	28.96 L	163827.86	263534.10
4006	13+66.89	29.50 L	163882.24	263490.15
4008	13+70.00	46.50 L	163874.55	263474.66
4009	14+29.88	38.45 L	163929.32	263445.15
4010	14+37.58	35.42 L	163937.38	263443.28
4011	14+50.01	30.48 L	163950.80	263440.15
4012	13+85.23	33.27 R	163934.45	263529.51
4013	13+97.49	58.40 R	163958.84	263542.83
4014	14+56.62	39.64 R	163995.05	263494.93
4015	14+62.43	31.96 R	163995.53	263485.44
4040	10+36.33	31.93 R	163683.78	263762.22
4041	10+29.40	39.03 R	163684.27	263772.13
4042	12+78.71	29.94 L	163811.90	263546.35

P.I. STA. = 10+00.00
Y. = 163635.66
X. = 263767.17

P.I. STA. = 12+75.95
Y. = 163823.25
X. = 263564.78
 $\Delta = 12^\circ 39' 01''$ R.
T. = 155.18'
L. = 309.11'
R. = 1400.00'
D. = 4°05'33"

P.I. STA. = 15+04.25
Y. = 164012.38
X. = 263434.68
 $\Delta = 8^\circ 01' 42''$
T. = 66.66
L. = 133.11'
R. = 950.00'
D. = 6°01'52"

REVISION DATE
02/16/06

DATE

GRID FACTOR

SCALE, FEET

0 20 40

HWY: COURTNEY ST.

COUNTY: ONEIDA

STATE R/W PROJECT NUMBER 9407-03-70

CONSTRUCTION PROJECT NUMBER 9407-03-70

PLAT SHEET NO: 4.04

PS&E SHEET

E

CITY OF RHINELANDER

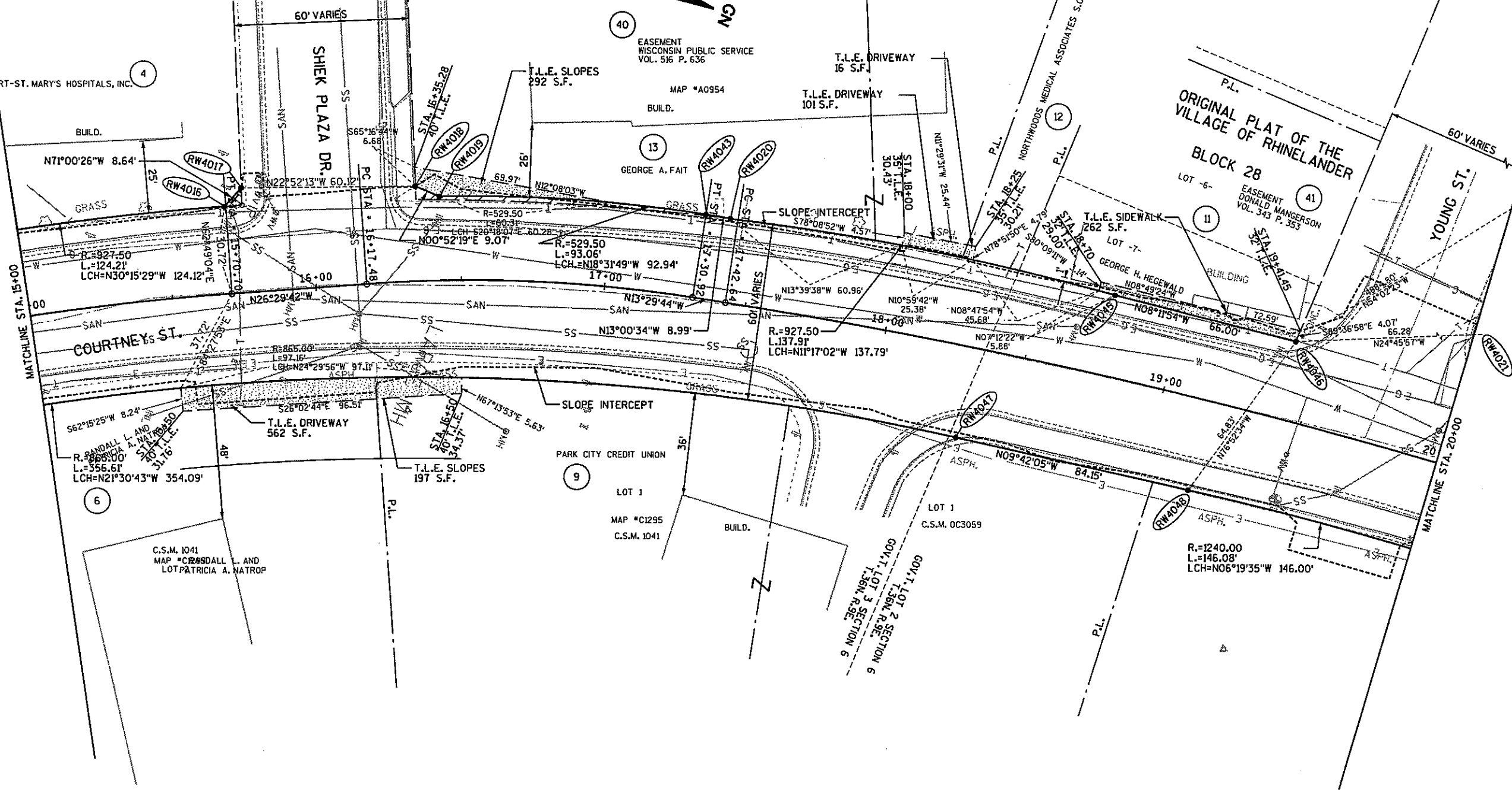
FIRST ADDITION TO RHINELANDER

CITY OF RHINELANDER

ORIGINAL R/W FROM
MAP #A0954
C.S.M. 1027
C.S.M. 1041
C.S.M. OC3049
ORIGINAL VILLAGE OF RHINELANDER PLAT

4

4



R/W POINTS

POINT NO.	STATION	OFFSET	Y	X
4016	15+70.34	30.72 L	164058.01	263377.61
4017	15+76.49	36.78 L	164060.82	263369.44
4018	16+35.31	33.32 L	164116.22	263346.07
4019	16+43.05	29.50 L	164125.29	263346.21
4020	17+39.91	29.42 L	164222.16	263314.65
4021	20+02.80	48.27 L	164482.81	263250.51
4043	17+30.92	29.50 L	164213.41	263316.67
4045	18+75.80	28.60 L	164357.29	263287.69
4046	19+40.88	27.97 L	164422.62	263278.28
4047	18+31.78	32.43 R	164324.95	263355.60
4048	19+17.32	32.45 R	164407.90	263341.42

P.I. STA. =	P.I. STA. =	P.I. STA. =
15+04.25	16+74.45	19+25.23
Y. = 164012.38	Y. = 164164.90	Y. = 164409.23
X. = 263434.68	X. = 263358.65	X. = 263300.01
Δ = 8°01'42"	Δ = 12°59'58"	Δ = 10°25'58"
T. = 66.66'	T. = 56.97'	T. = 182.59'
L. = 133.11'	L. = 113.44'	L. = 364.17'
R. = 950.00'	R. = 500.00'	R. = 2000.00'
D. = 6°01'52"	D. = 11°27'33"	D. = 2°51'53"

REVISION DATE
02/16/06

DATE

GRID FACTOR

SCALE, FEET



HWY: COURTNEY ST.

COUNTY: ONEIDA

STATE R/W PROJECT NUMBER 9407-03-70

CONSTRUCTION PROJECT NUMBER 9407-03-70

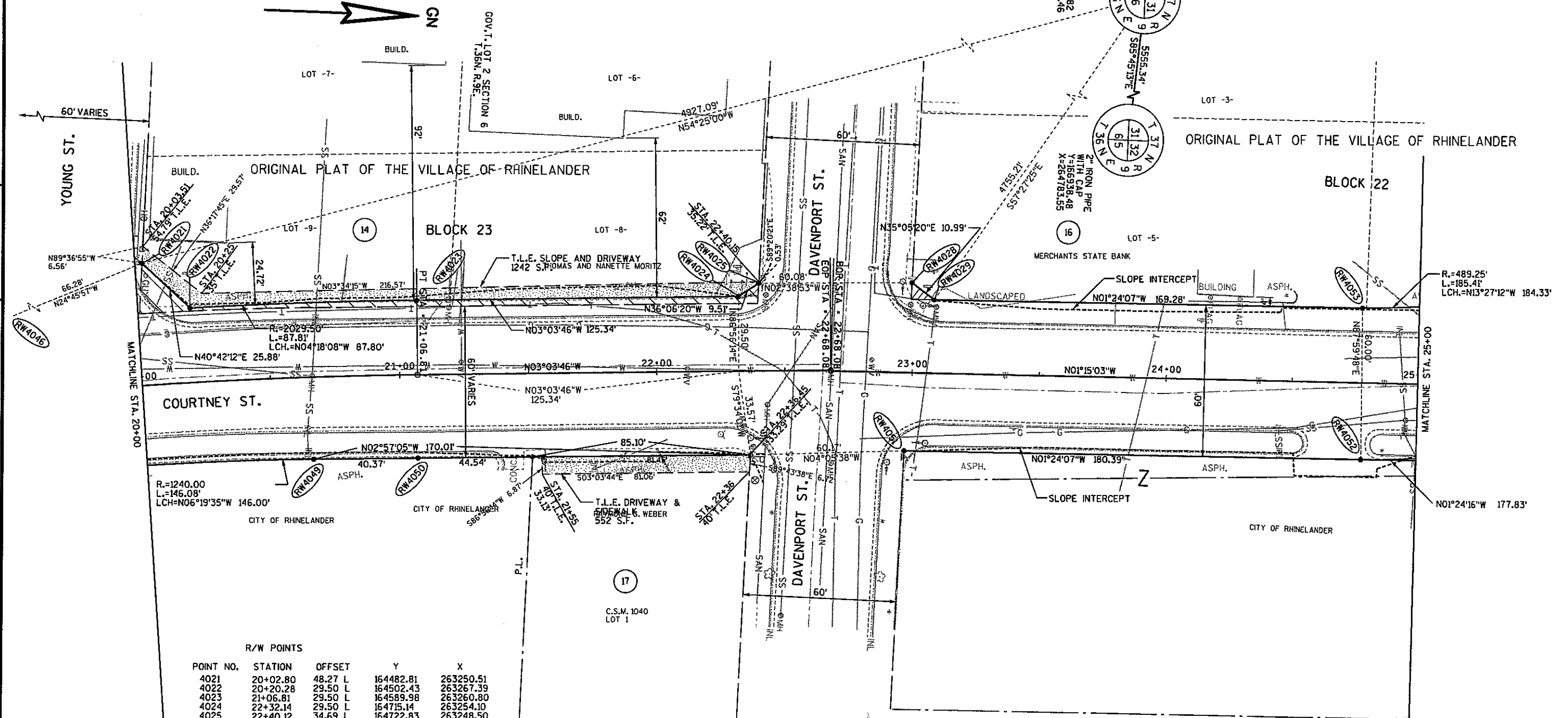
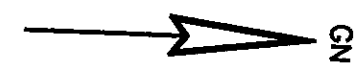
PLAT SHEET NO: 4.05

PS&E SHEET

E

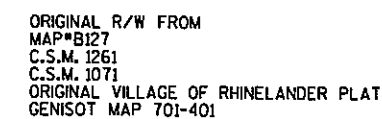
CITY OF RHINELANDER

ORIGINAL R/W FROM
MAP A0954
C.S.M. 1040
ORIGINAL VILLAGE OF RHINELANDER PLAT



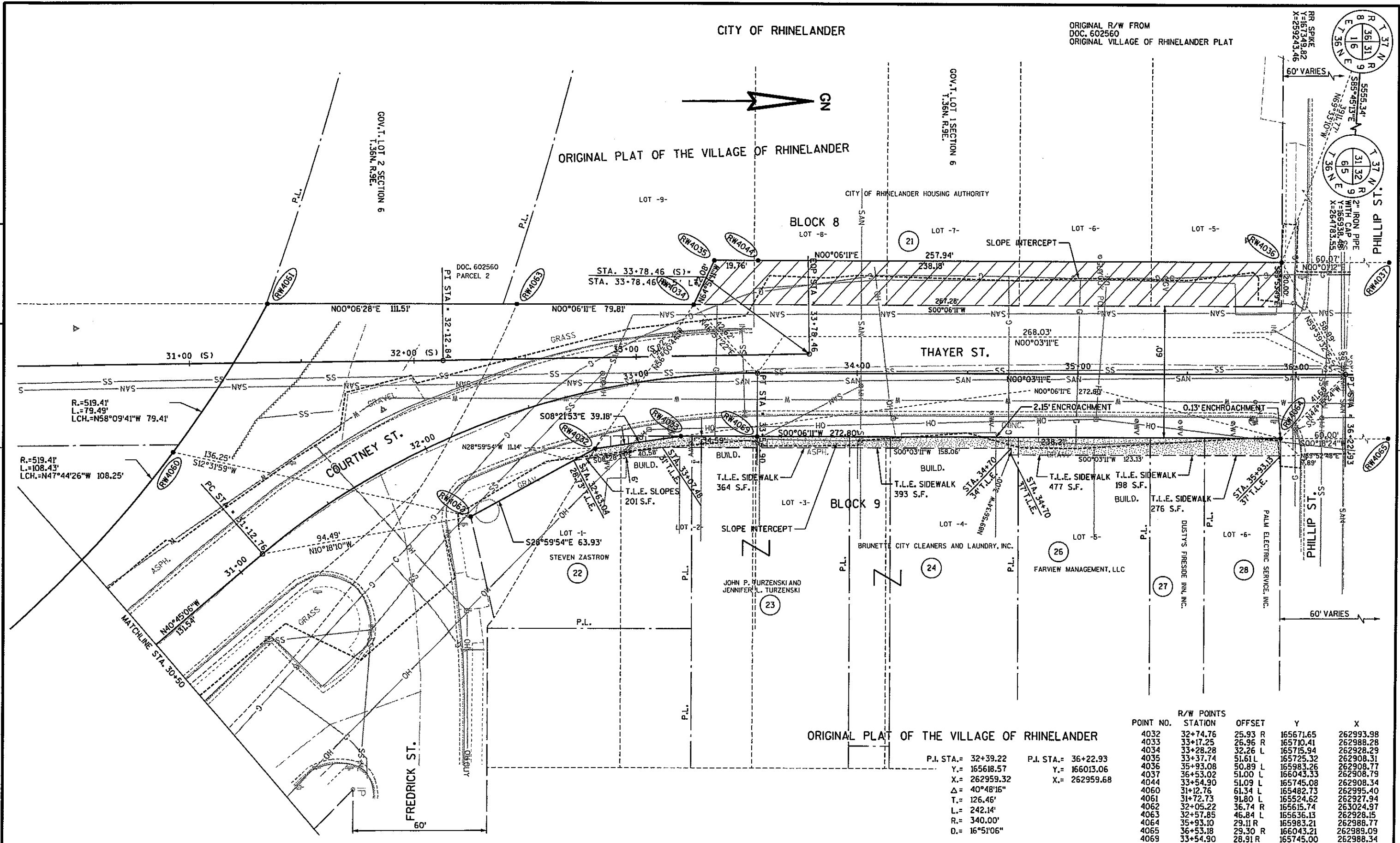
R/W POINTS					
POINT NO.	STATION	OFFSET	Y	X	
4021	20+02.80	48.27 L	164482.81	263250.51	
4022	20+20.28	29.50 L	164502.43	263267.39	
4023	21+06.81	29.50 L	164589.98	263260.80	
4024	22+32.14	29.50 L	164715.14	263254.10	
4025	22+40.12	34.69 L	164722.83	263248.50	
4028	22+99.11	35.52 L	164782.85	263245.72	
4029	23+07.97	29.01 L	164791.84	263252.04	
4046	19+40.88	27.97 L	164422.62	263278.28	
4049	20+65.77	32.55 R	164553.01	263325.33	
4050	21+06.81	33.04 R	164593.32	263323.25	
4051	22+97.63	31.02 R	164782.82	263312.28	
4052	24+78.01	30.54 R	164963.15	263307.86	
4053	24+77.25	29.45 L	164961.08	263247.90	

P.I. STA.= 19+25.23		EOP		BOP		P.I. STA.= 25+37.67	
Y.=	164409.23	P.I. STA.=	22+68.08	P.I. STA.=	22+68.08	P.I. STA.=	25+37.67
X.=	263300.01	Y.=	164752.60	Y.=	164752.60	Y.=	165022.13
Δ=	10°25'58"	X.=	263281.64	X.=	263281.91	X.=	263276.03
T.=	182.59'						
L.=	364.17'						
R.=	2000.00'						
D.=	2°51'53"						



P.L. STA. = 25+37.67	P.L. STA. = 27+62.11	P.L. STA. = 29+81.22	P.L. STA. = 32+39.22
Y. = 165022.13	Y. = 165246.50	Y. = 165423.12	Y. = 165618.57
X. = 263276.03	X. = 263270.77	X. = 263127.74	X. = 262959.32
	Δ = 37°39'35"		Δ = 40°48'16"
	T. = 112.53'		T. = 126.46'
	L. = 216.90'		L. = 242.14'
	R. = 330.00'		R. = 340.00'
	D. = 17°21'44"		D. = 16°51'06"

FILE NAME : K:\prway\040107_rw.dgn



ORIGINAL R/W FROM
DOC. 602560
ORIGINAL VILLAGE OF RHINELANDER PLAT

CITY OF RHINELANDER

ORIGINAL PLAT OF THE VILLAGE OF RHINELANDER

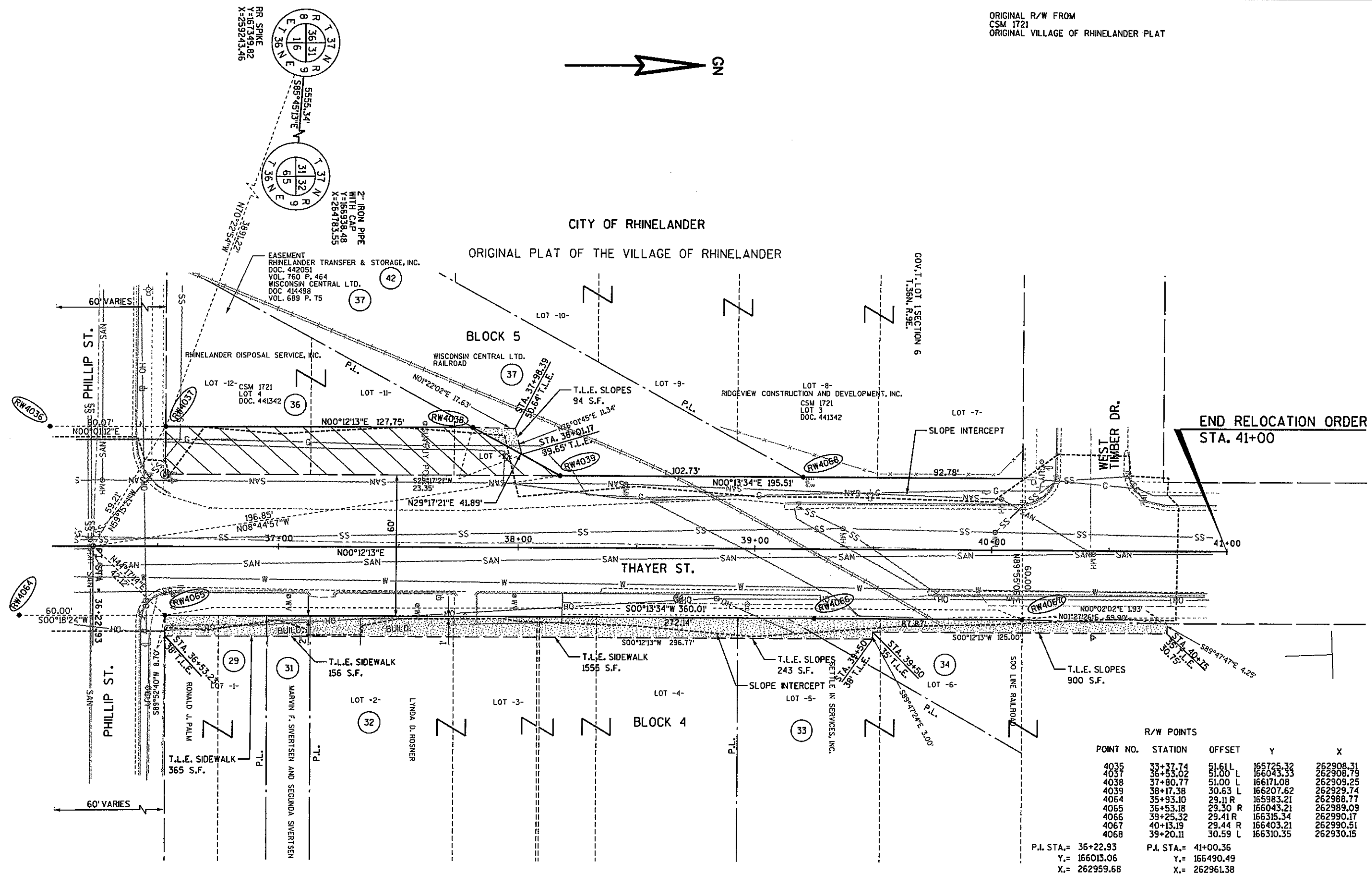
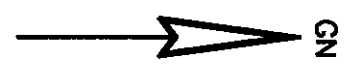
ORIGINAL PLAT OF THE VILLAGE OF RHINELANDER

P.I. STA. = 32+39.22 P.I. STA. = 36+22.93
Y. = 165618.57 Y. = 166013.06
X. = 262959.32 X. = 262959.68
Δ = 40°48'16"
T. = 126.46'
L. = 242.14'
R. = 340.00'
D. = 16°51'06"

R/W POINTS		OFFSET	Y	X
POINT NO.	STATION			
4032	32+74.76	25.93 R	165671.65	262993.98
4033	33+17.25	26.96 R	165710.41	262988.28
4034	33+28.28	32.26 L	165715.94	262928.29
4035	33+37.74	51.61 L	165725.32	262908.31
4036	35+93.08	50.89 L	165983.26	262908.77
4037	36+53.02	51.00 L	166043.33	262908.79
4044	33+54.90	51.09 L	165745.08	262908.34
4060	31+12.76	61.34 L	165482.73	262995.40
4061	31+72.73	91.80 L	165524.62	262927.94
4062	32+05.22	36.74 R	165615.74	263024.97
4063	32+57.85	46.84 L	165636.13	262928.15
4064	35+93.10	29.11 R	165983.21	262988.77
4065	36+53.18	29.30 R	166043.21	262989.09
4069	33+54.90	28.91 R	165745.00	262988.34

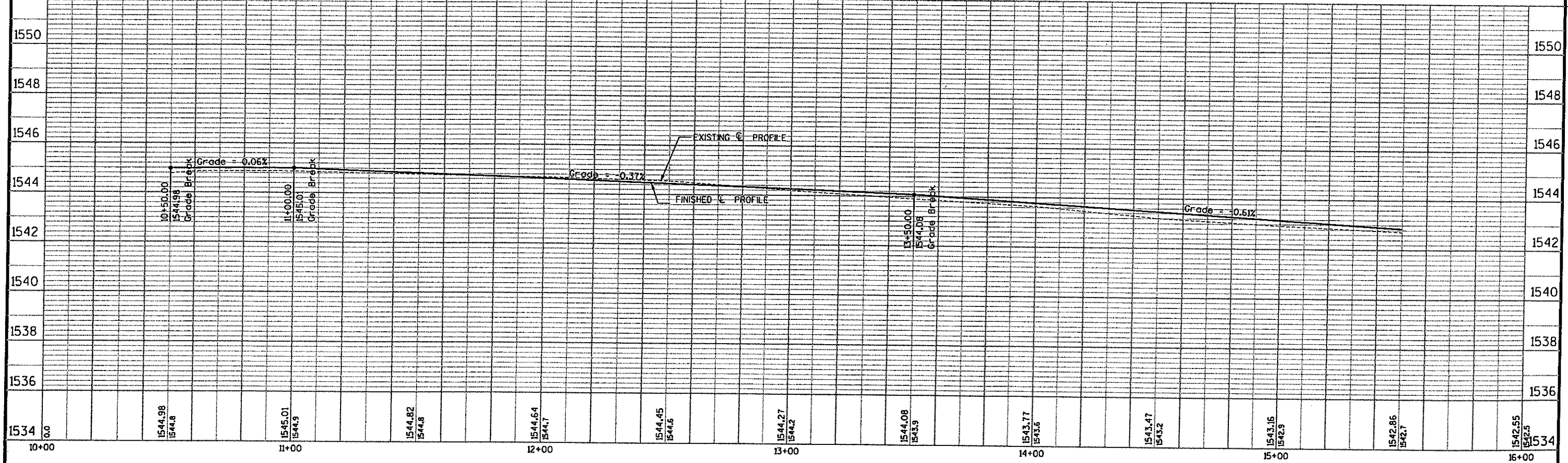
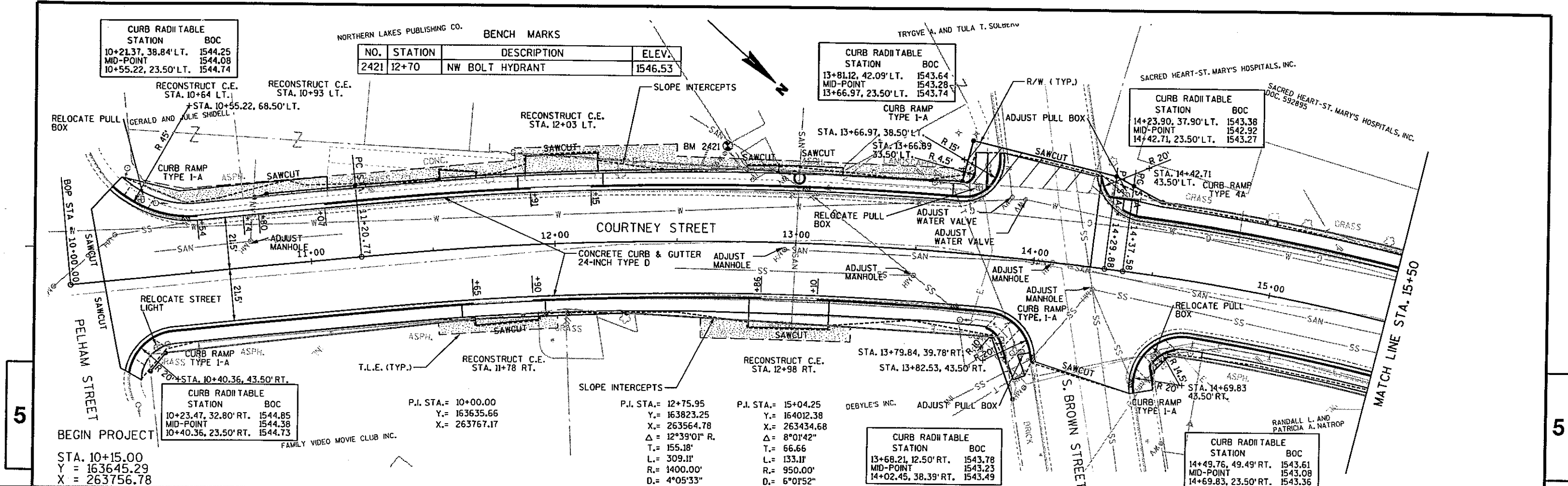
REVISION DATE 02/16/06	DATE	SCALE, FEET 0 20 40	HWY: THAYER ST.	STATE R/W PROJECT NUMBER 9407-03-70	PLAT SHEET NO: 4.08
GRID FACTOR			COUNTY: ONEIDA	CONSTRUCTION PROJECT NUMBER 9407-03-70	PS&E SHEET E

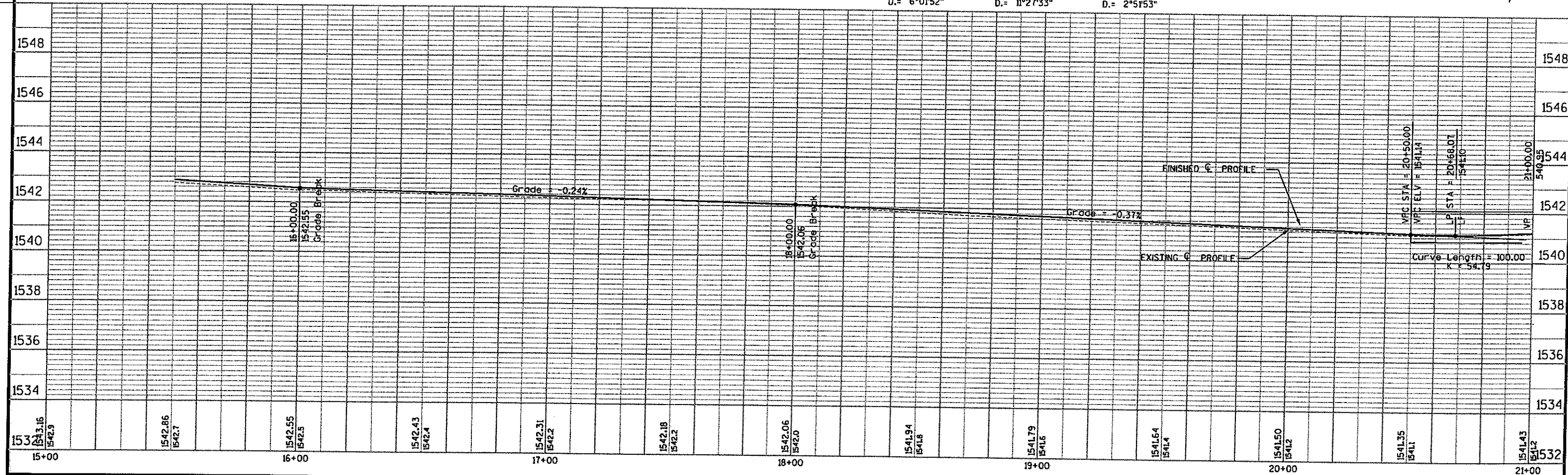
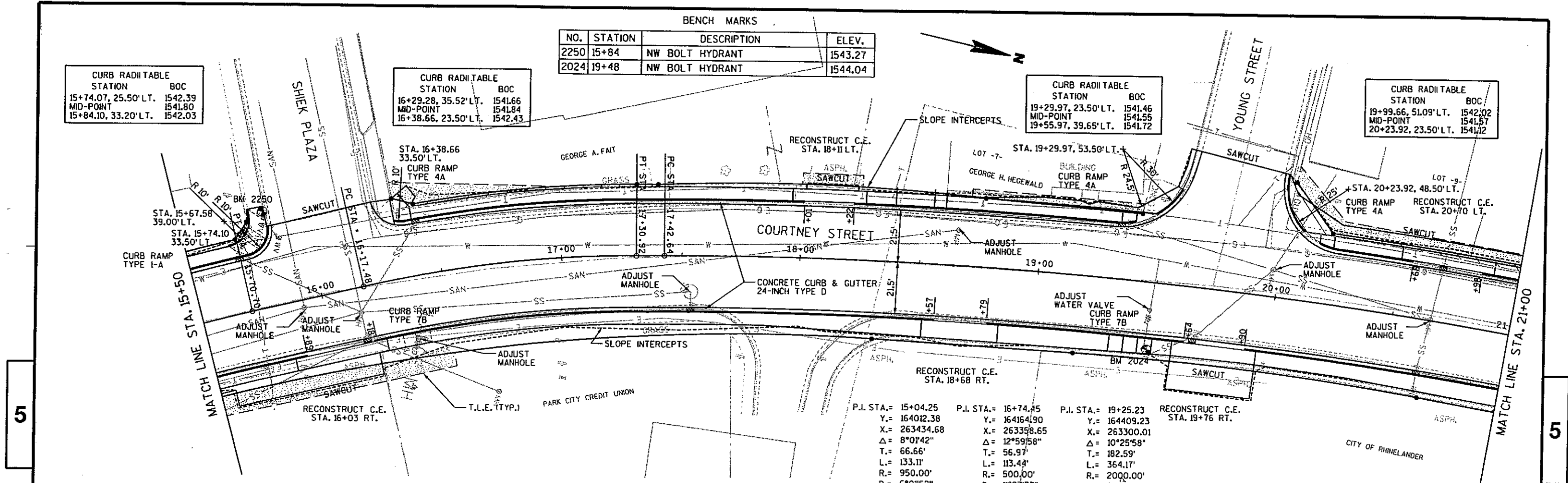
ORIGINAL R/W FROM
CSM 1721
ORIGINAL VILLAGE OF RHINELANDER PLAT



R/W POINTS				
POINT NO.	STATION	OFFSET	Y	X
4035	33+37.74	51.61 L	165725.32	262908.31
4037	36+53.02	51.00 L	166043.33	262908.79
4038	37+80.77	51.00 L	166171.08	262909.25
4039	38+17.38	30.63 L	166207.62	262929.74
4064	35+93.10	29.11 R	165983.21	262988.77
4065	36+53.18	29.30 R	166043.21	262989.09
4066	39+25.32	29.41 R	166315.34	262990.17
4067	40+13.19	29.44 R	166403.21	262990.51
4068	39+20.11	30.59 L	166310.35	262930.15
P.I. STA. = 36+22.93 P.I. STA. = 41+00.36				
Y. = 166013.06 Y. = 166490.49				
X. = 262959.68 X. = 262961.38				

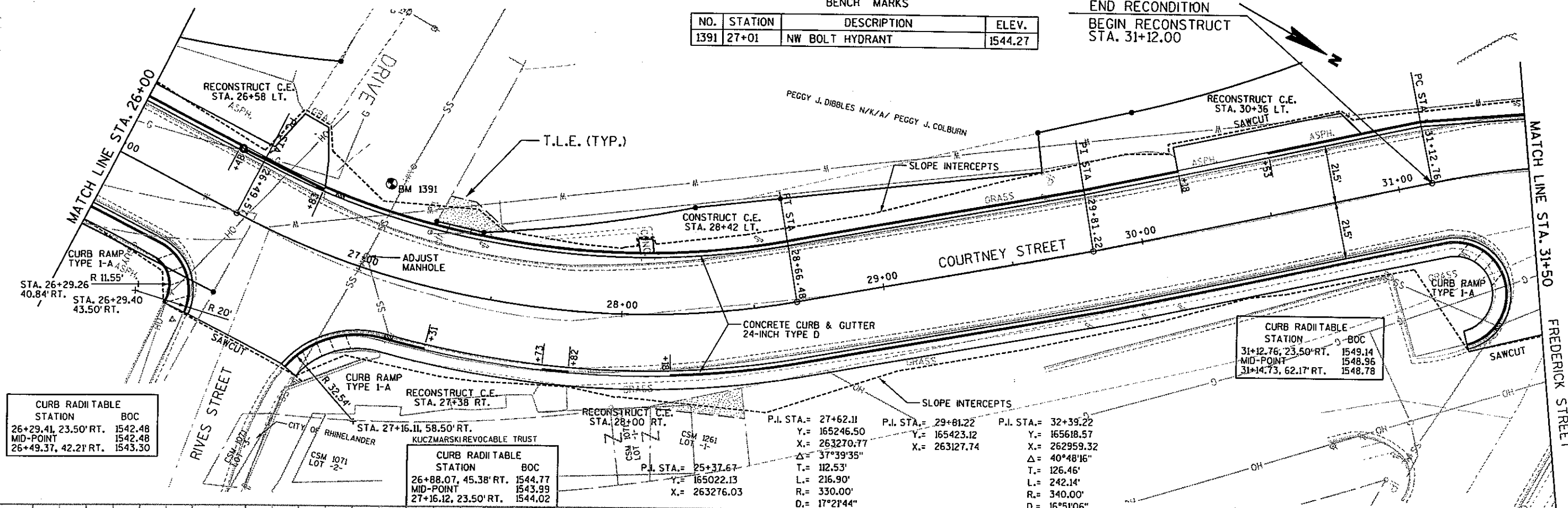
REVISION DATE 02/16/06	DATE	SCALE, FEET 0 20 40	HWY: THAYER ST.	STATE R/W PROJECT NUMBER 9407-03-70	PLAT SHEET NO: 4.09
	GRID FACTOR		COUNTY: ONEIDA	CONSTRUCTION PROJECT NUMBER 9407-03-70	PS&E SHEET





BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
1391	27+01	NW BOLT HYDRANT	1544.27

END RECONDITION
BEGIN RECONSTRUCT
STA. 31+12.00

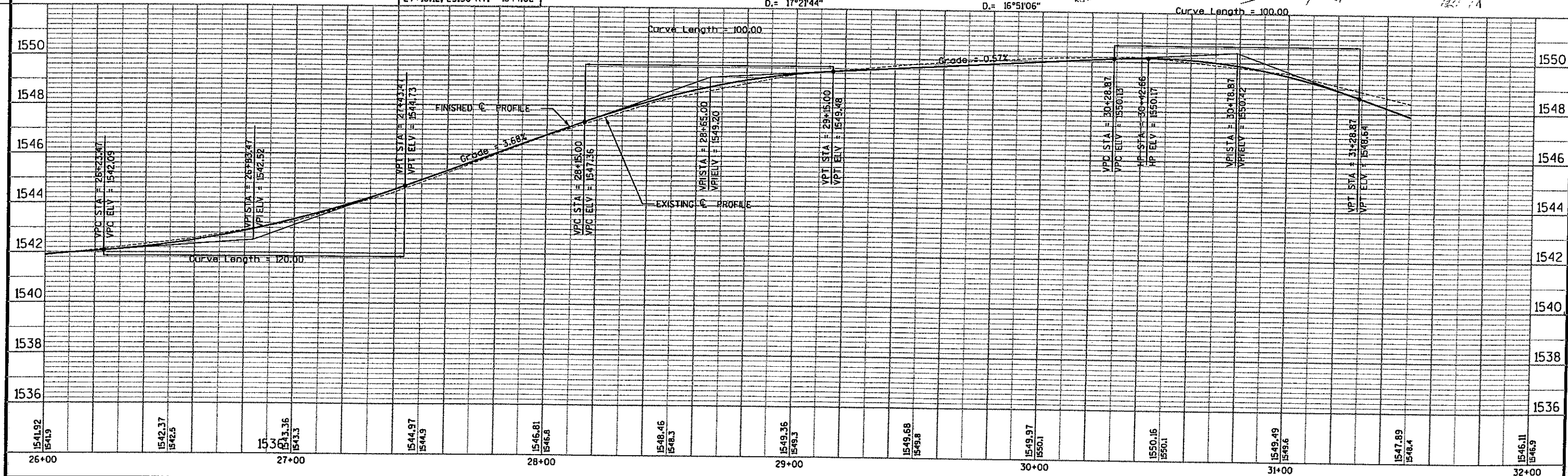


CURB RADI TABLE	
STATION	BOC
26+29.41, 23.50' RT.	1542.48
MID-POINT	1542.48
26+49.37, 42.21' RT.	1543.30

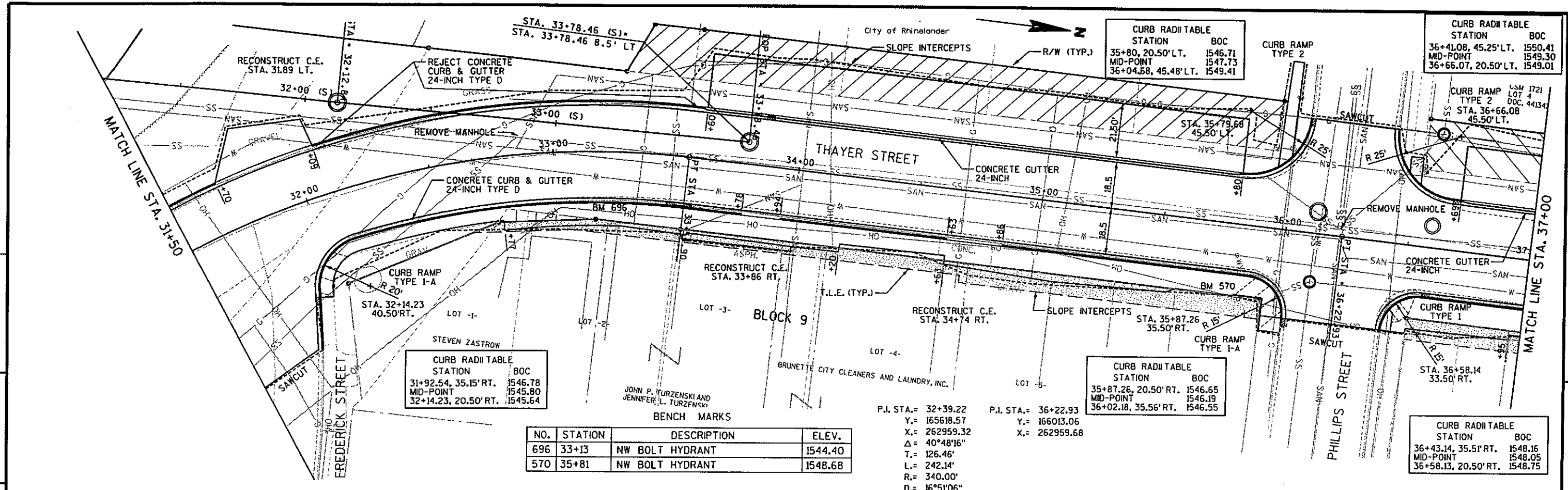
CURB RADI TABLE	
STATION	BOC
26+88.07, 45.38' RT.	1544.77
MID-POINT	1543.99
27+16.12, 23.50' RT.	1544.02

CURB RADI TABLE	
STATION	BOC
31+12.76, 23.50' RT.	1549.14
MID-POINT	1548.96
31+14.73, 62.17' RT.	1548.78

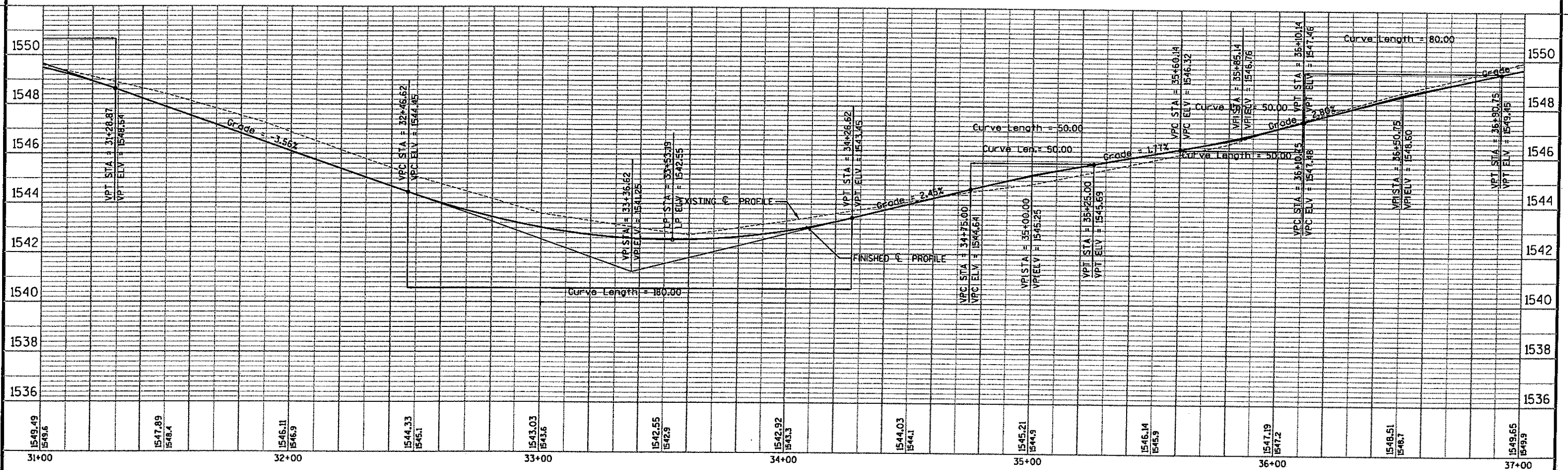
P.I. STA. = 27+62.11	Y. = 165246.50	P.I. STA. = 29+81.22	Y. = 165423.12	P.I. STA. = 32+39.22	Y. = 165618.57
X. = 263270.77	Δ = 37°39'35"	X. = 263127.74	Δ = 40°48'16"	X. = 262959.32	Δ = 40°48'16"
T. = 112.53'	L. = 216.90'	T. = 126.46'	L. = 242.14'	T. = 126.46'	L. = 242.14'
R. = 330.00'	D. = 17°21'44"	R. = 340.00'	D. = 16°51'06"	R. = 340.00'	D. = 16°51'06"



5



5



PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

PLAN AND PROFILE

SHEET

E

FILE NAME : **...designfile...**

PLOT DATE : **...plottingdate...**

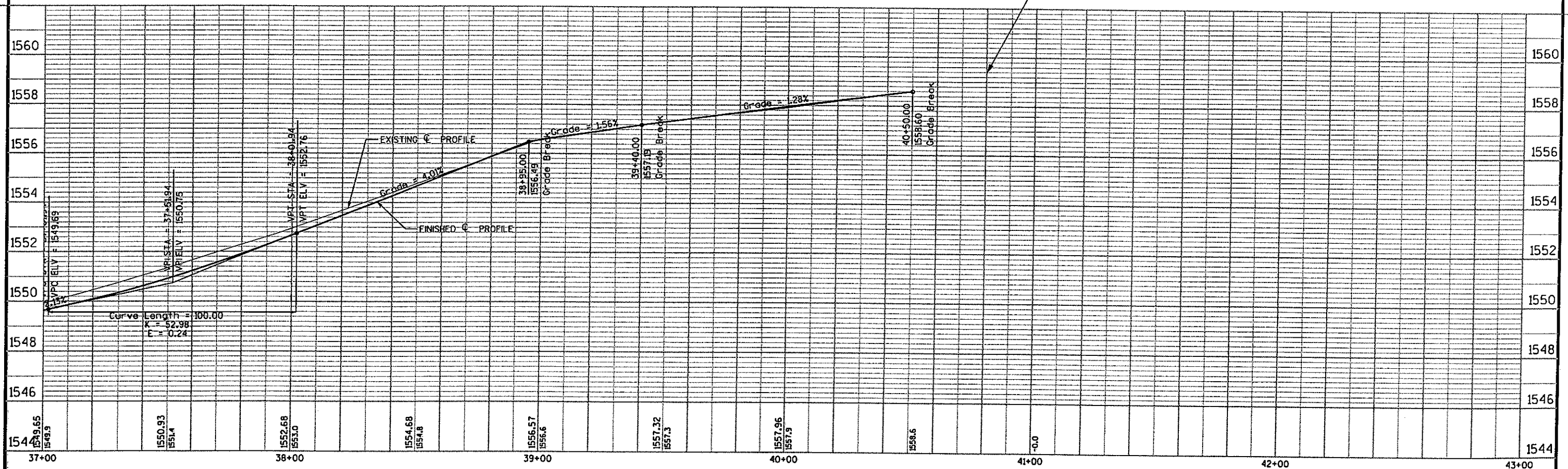
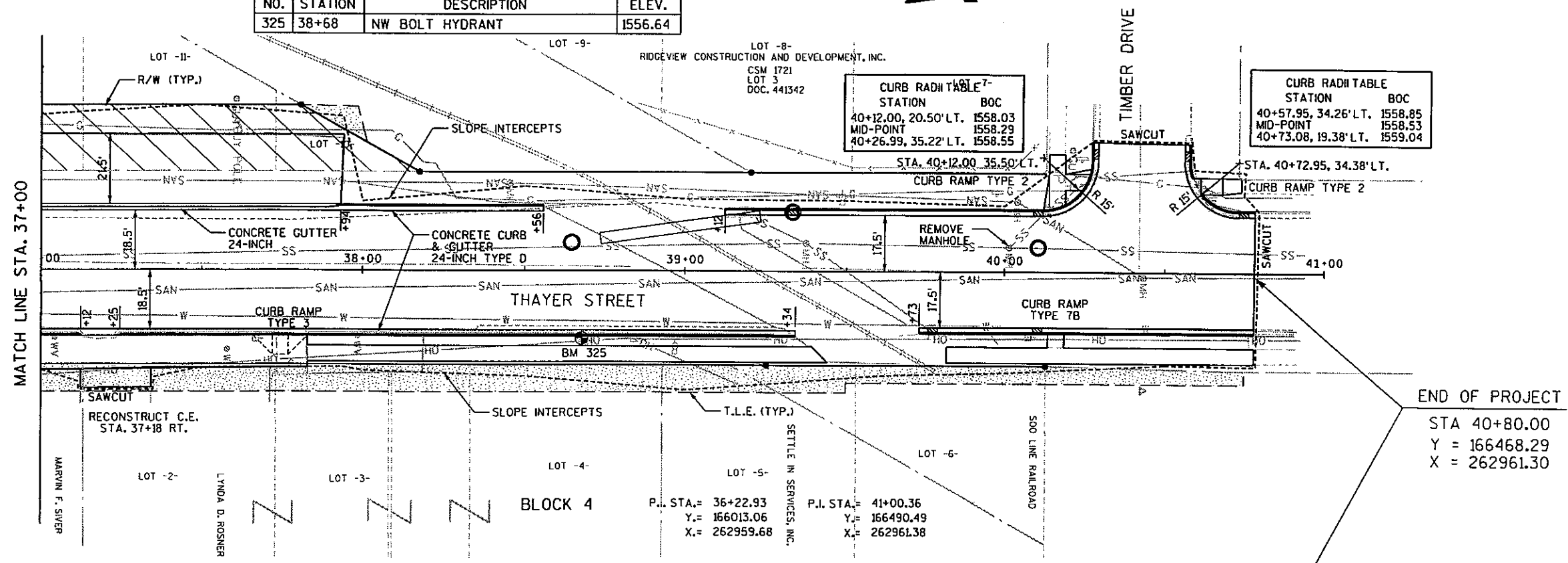
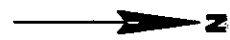
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PLOT NAME :

PLOT SCALE : **...plotscale...**

WISDOT/CADDs SHEET 40

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
325	38+68	NW BOLT HYDRANT	1556.64



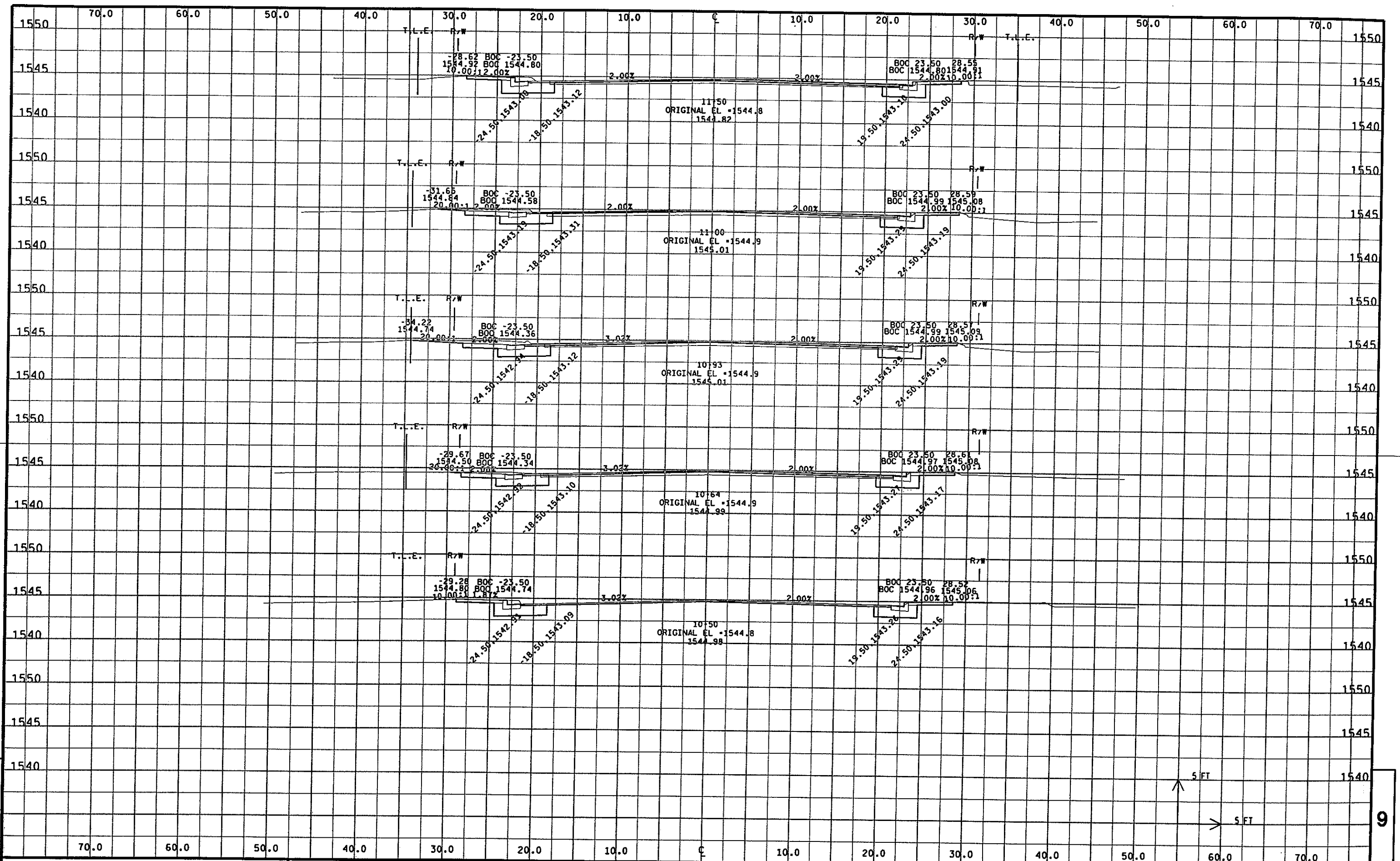
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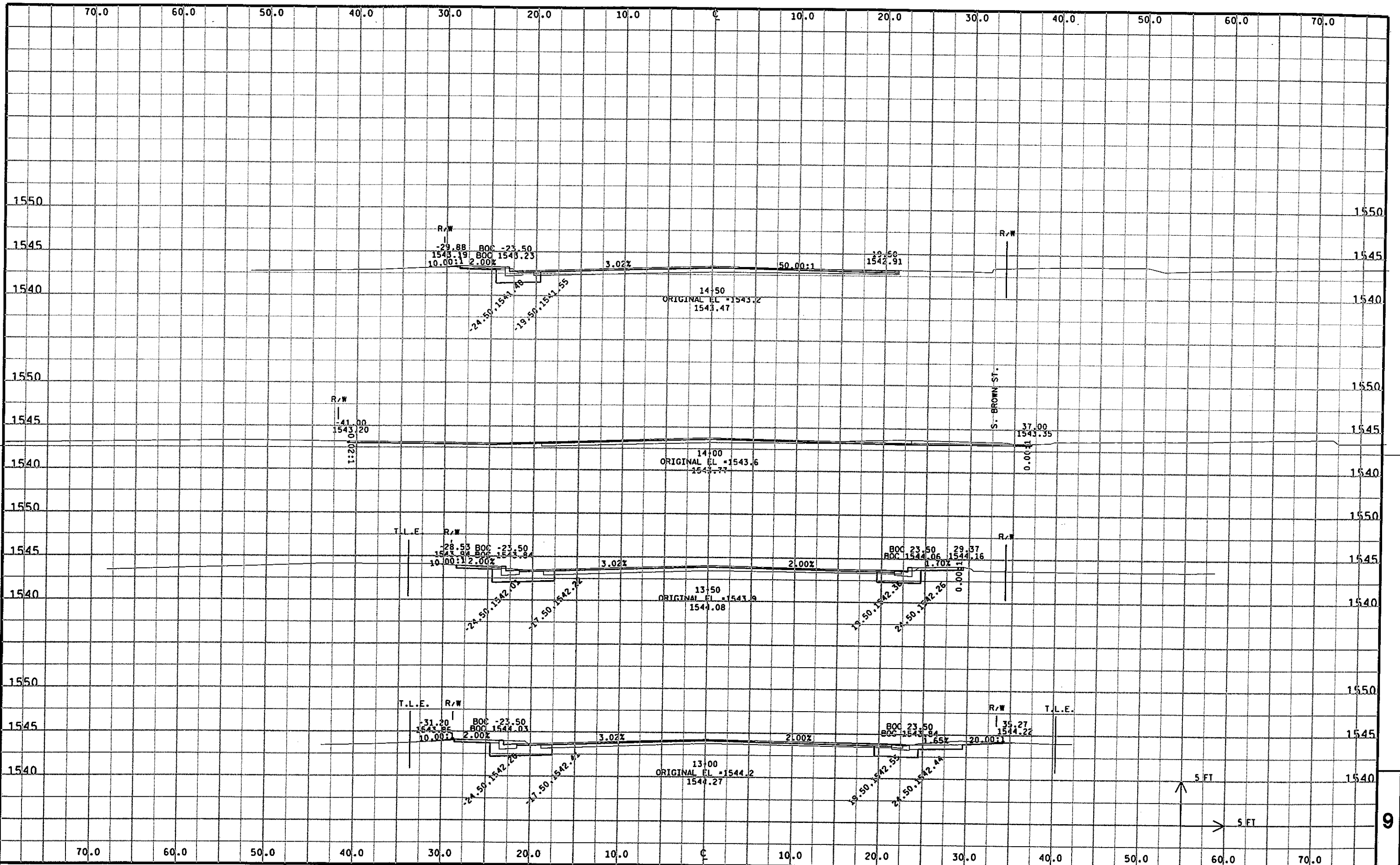
GROUP CODE	STATION	DISTANCE LF	END AREA		VOLUME		FILL EXPANSION CY	WASTE CY	CUMULATIVE WASTE CY
010	10+00		CUT SF	FILL SF	CUT CY	FILL CY			
	10+00	50	0.0	0.0	17.6	0.2	0.3	17.3	17.3
	10+50	50	19.0	0.3	32.9	0.2	0.3	32.6	49.8
	11+00	50	16.5	0.0	30.5	0.0	0.0	30.5	80.3
	11+50	50	16.4	0.0	32.8	0.0	0.0	32.8	113.1
	12+00	50	19.0	0.0	32.3	0.0	0.0	32.3	145.4
	12+50	50	15.9	0.0	32.0	0.2	0.2	31.8	177.2
	13+00	50	18.7	0.2	30.7	0.2	0.2	30.5	207.7
	13+50	50	14.5	0.0	13.4	0.0	0.0	13.4	221.1
	14+00	50	0.0	0.0	8.8	1.0	1.3	7.5	228.7
	14+50	50	9.5	1.1	24.7	1.2	1.5	23.2	251.9
	15+00	50	17.2	0.2	31.0	0.2	0.3	30.8	282.6
	15+50	50	16.3	0.0	23.1	0.0	0.0	23.0	305.7
	16+00	50	8.6	0.0	25.3	0.0	0.0	25.3	331.0
	16+50	50	18.7	0.0	33.1	0.0	0.0	33.1	364.0
	17+00	50	17.0	0.0	28.8	0.0	0.0	28.8	392.8
	17+50	50	14.1	0.0	26.9	0.0	0.0	26.9	419.7
	18+00	50	15.0	0.0	28.8	0.0	0.0	28.8	448.5
	18+50	50	16.1	0.0	29.6	0.0	0.0	29.6	478.2
	19+00	50	15.9	0.0	24.4	0.0	0.0	24.4	502.6
	19+50	50	10.5	0.0	18.1	0.0	0.0	18.1	520.7
	20+00	50	9.0	0.0	22.4	0.1	0.1	22.3	543.0
	20+50	50	15.2	0.1	29.8	0.1	0.1	29.7	572.7
	21+00	50	17.0	0.0	35.1	0.0	0.0	35.1	607.8
	21+50	50	20.9	0.0	37.8	0.0	0.0	37.8	645.6
	22+00	50	19.9	0.0	18.4	0.0	0.0	18.4	664.0
	22+50	50	0.0	0.0	16.7	0.0	0.0	16.7	680.6
	23+00	50	18.0	0.0	33.5	0.2	0.2	33.3	713.9
	23+50	50	18.2	0.2	34.4	0.4	0.5	34.0	747.9
	24+00	50	19.0	0.2	34.4	0.5	0.7	33.6	781.5
	24+50	50	18.1	0.4	31.6	1.2	1.5	30.0	811.6
	25+00	50	16.0	0.9	28.6	2.2	2.9	25.8	837.3
	25+50	50	14.9	1.5	29.8	2.1	2.8	27.0	864.4
	26+00	50	17.3	0.8	23.8	0.8	1.0	22.8	887.1
	26+50	50	8.4	0.0	19.8	0.3	0.3	19.5	906.6
	27+00	50	13.0	0.3	35.8	0.3	0.3	35.5	942.1
	27+50	50	25.7	0.0	39.9	0.7	0.9	39.0	981.1
	28+00	50	17.4	0.7	38.6	0.9	1.2	37.4	1018.5

EARTHWORK DATA

GROUP CODE	STATION	DISTANCE LF	END AREA		VOLUME		FILL EXPANSION CY	WASTE CY	CUMULATIVE WASTE CY
			CUT SF	FILL SF	CUT CY	FILL CY			
	28+50		24.3	0.3					
	29+00	50	18.9	0.7	40.0	0.9	1.2	38.8	1057.3
	30+00	50	24.7	1.5	40.4	2.0	2.6	37.8	1095.1
	30+50	50	21.0	0.1	42.3	1.5	1.9	40.4	1135.5
	31+00	50	28.1	0.0	45.5	0.1	0.1	45.4	1180.9
	31+50	50	80.6	0.0	100.6	0.0	0.0	100.6	1281.5
	32+00	50	86.0	0.0	154.3	0.0	0.0	154.3	1435.8
	32+50	50	76.6	0.0	150.6	0.0	0.0	150.6	1586.4
	33+00	50	68.6	0.0	134.4	0.0	0.0	134.4	1720.8
	33+50	50	60.1	1.2	119.2	1.1	1.5	117.7	1838.5
	34+00	50	116.3	0.0	163.3	1.1	1.4	161.9	2000.4
	34+50	50	98.7	0.0	199.1	0.0	0.0	199.1	2199.4
	35+00	50	77.5	0.1	163.1	0.1	0.2	163.0	2362.4
	35+50	50	75.9	0.0	142.0	0.2	0.2	141.8	2504.2
	36+00	50	64.0	0.0	129.5	0.0	0.0	129.5	2633.7
	36+50	50	63.5	0.0	118.1	0.0	0.0	118.1	2751.8
	37+00	50	120.3	0.0	170.2	0.0	0.0	170.2	2922.0
	37+50	50	130.1	0.0	231.9	0.0	0.0	231.9	3153.8
	38+00	50	64.3	0.3	180.0	0.3	0.4	179.6	3333.4
	38+50	50	52.9	4.0	108.5	4.0	5.2	103.3	3436.7
	39+00	50	25.3	4.0	72.4	7.4	9.6	62.9	3499.6
	39+50	50	31.1	0.0	52.2	3.7	4.8	47.5	3547.1
	40+00	50	51.4	0.9	76.4	0.8	1.1	75.3	3622.4
	40+50	50	50.7	0.0	94.5	0.8	1.1	93.4	3715.8
	41+00	50	0.0	0.0	46.9	0.0	0.0	46.9	3762.8
	TOTALS				3810.8	36.9	48.0		3762.8

* NOT A BID ITEM, FOR INFORMATION ONLY. FILL EXPANSION 30%





PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

CROSS SECTIONS: STA 13+00 TO STA 14+50

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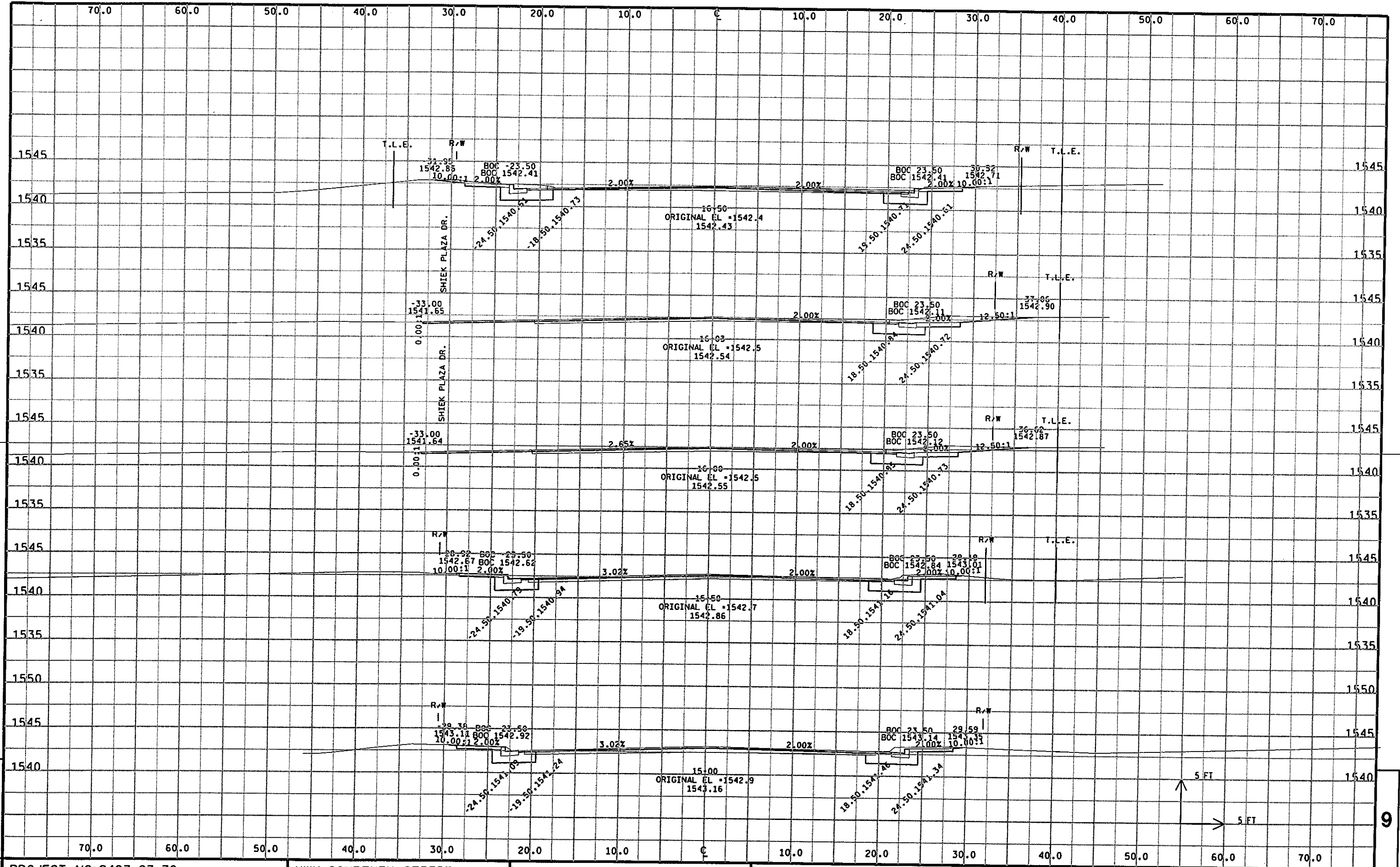
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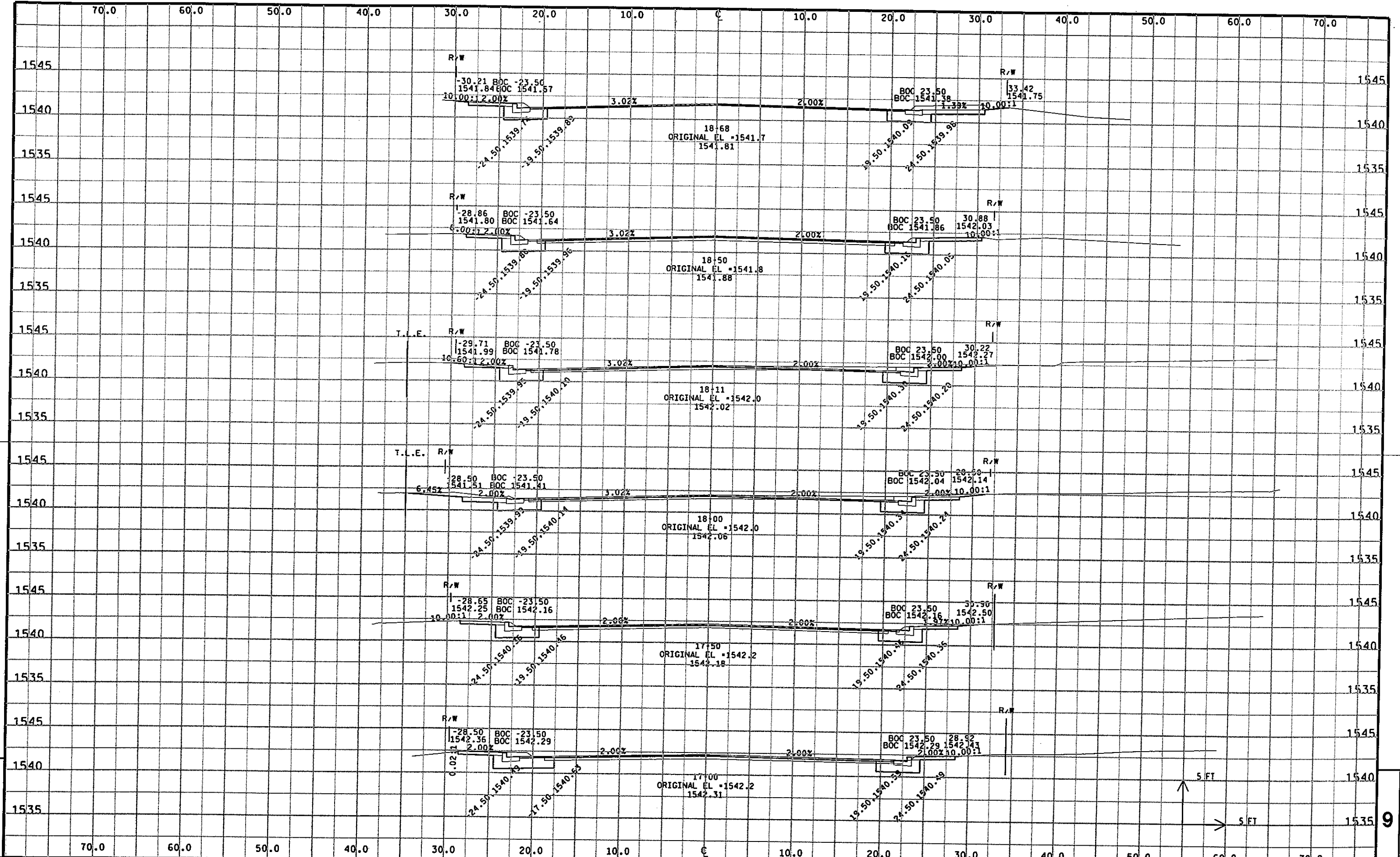
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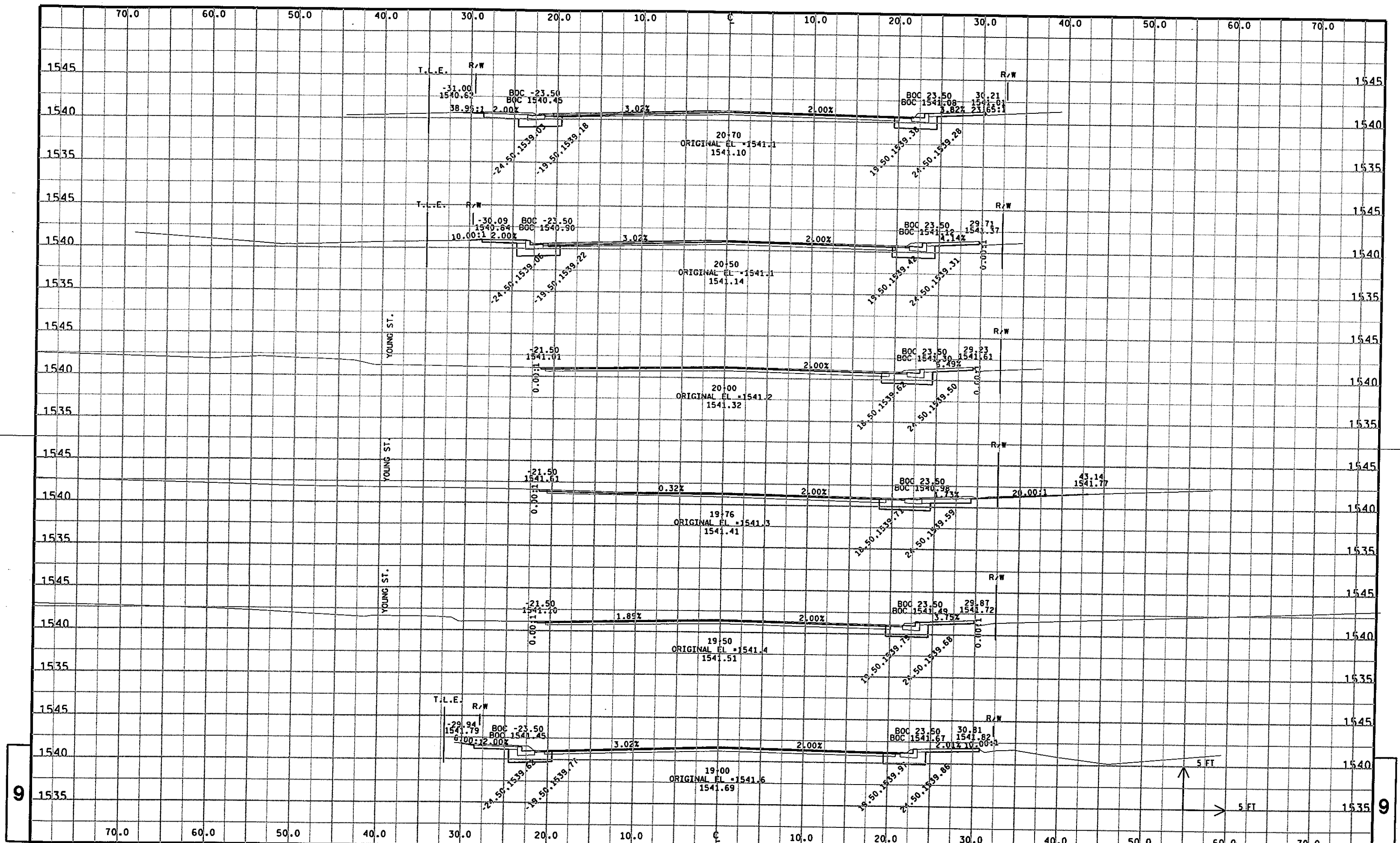
PLOT NAME :

PLOT SCALE : AS SHOWN

WISDOT/CADDs SHEET 21







PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

CROSS SECTIONS: STA 19+00 TO STA 20+70

SHEET

E

FILE NAME : K:\a11gn\rc006001.dgn

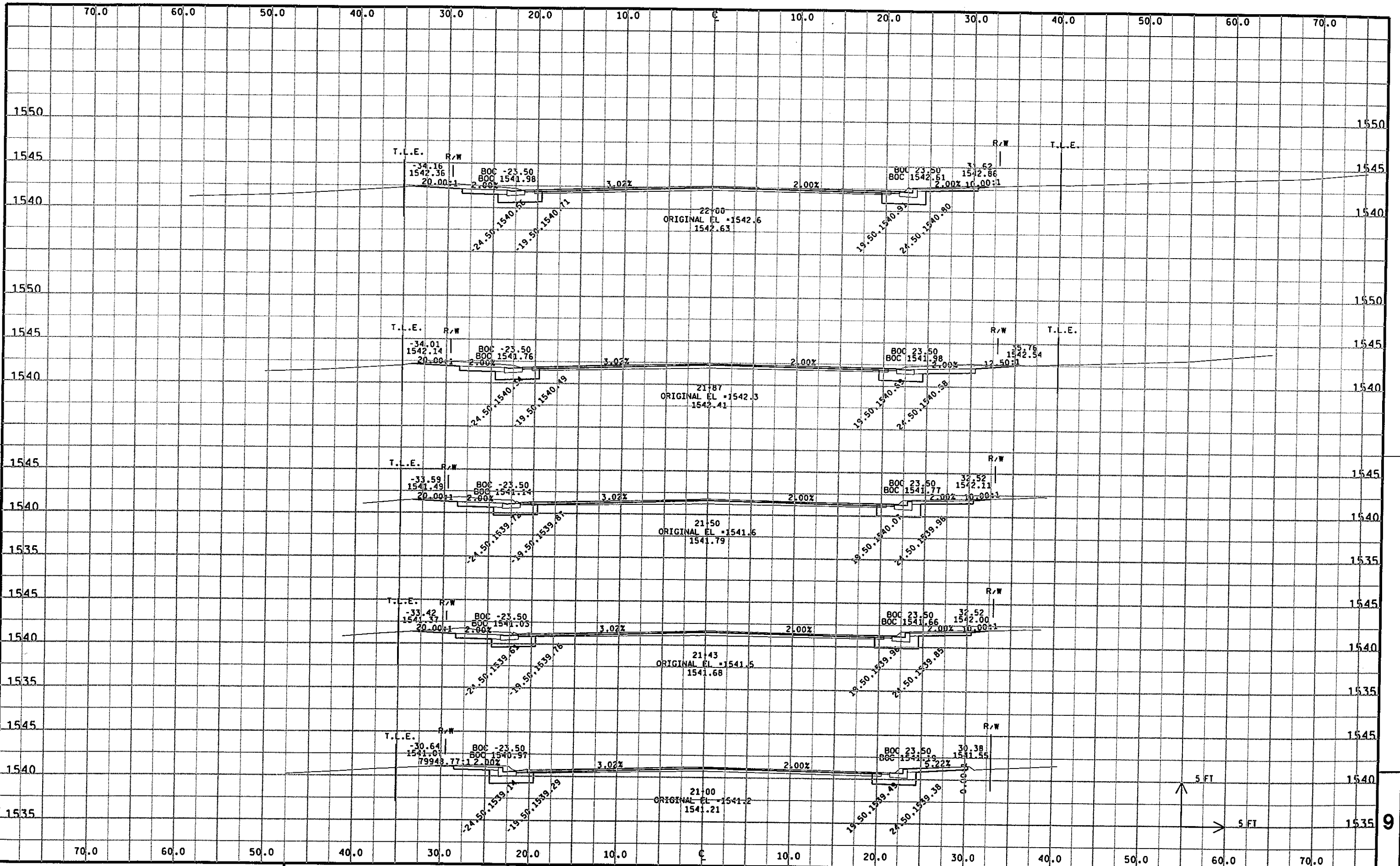
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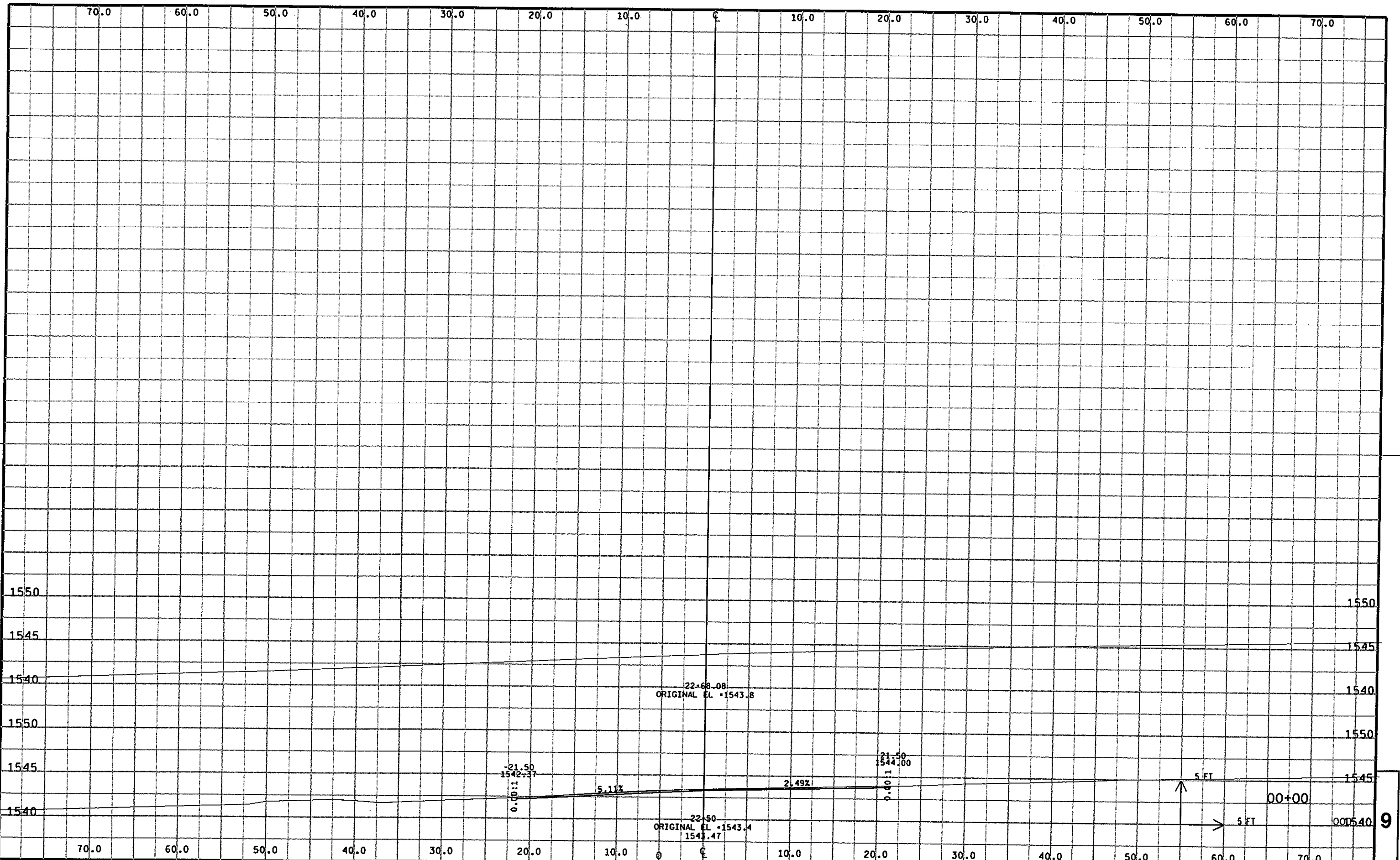
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PLOT NAME :

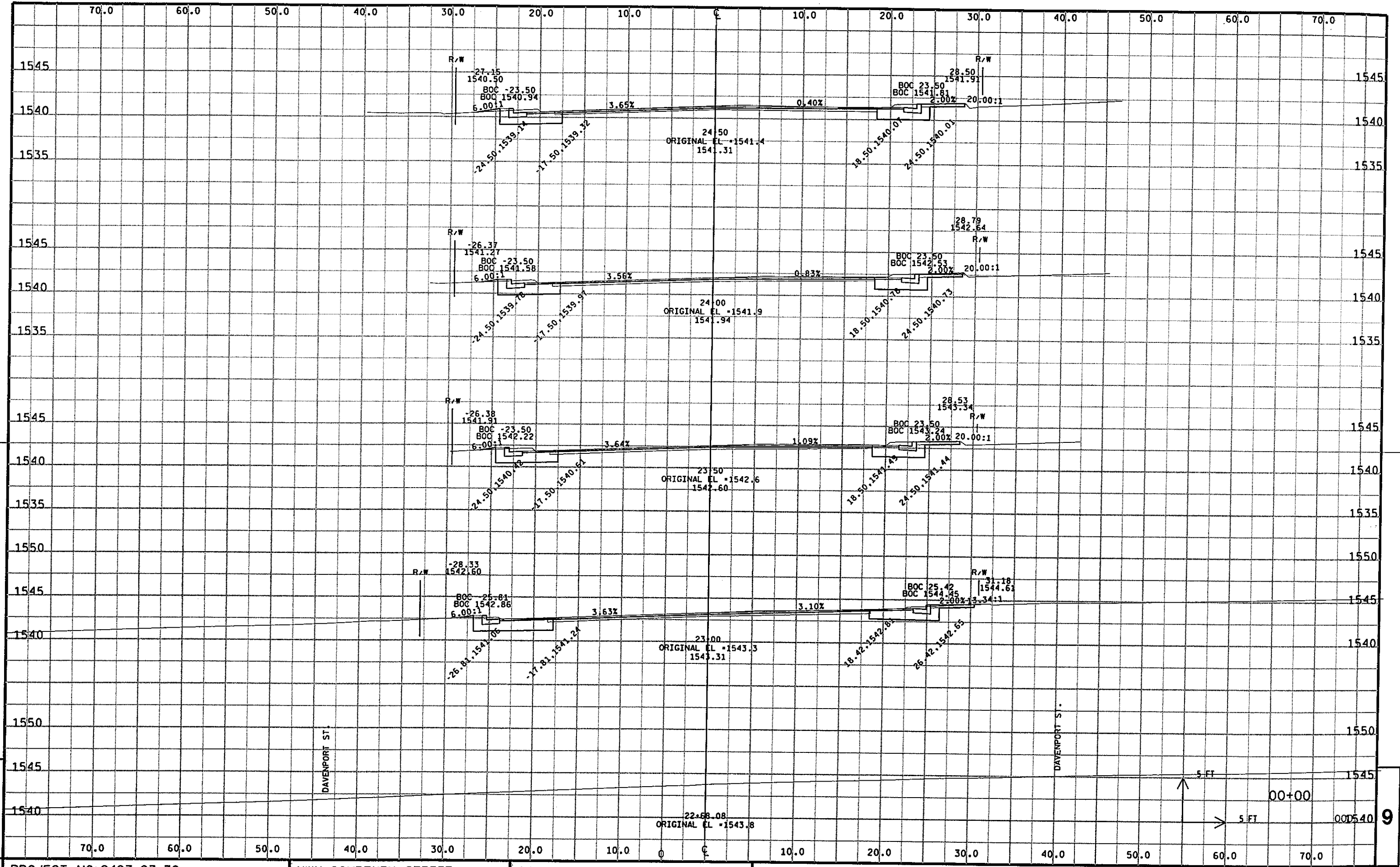
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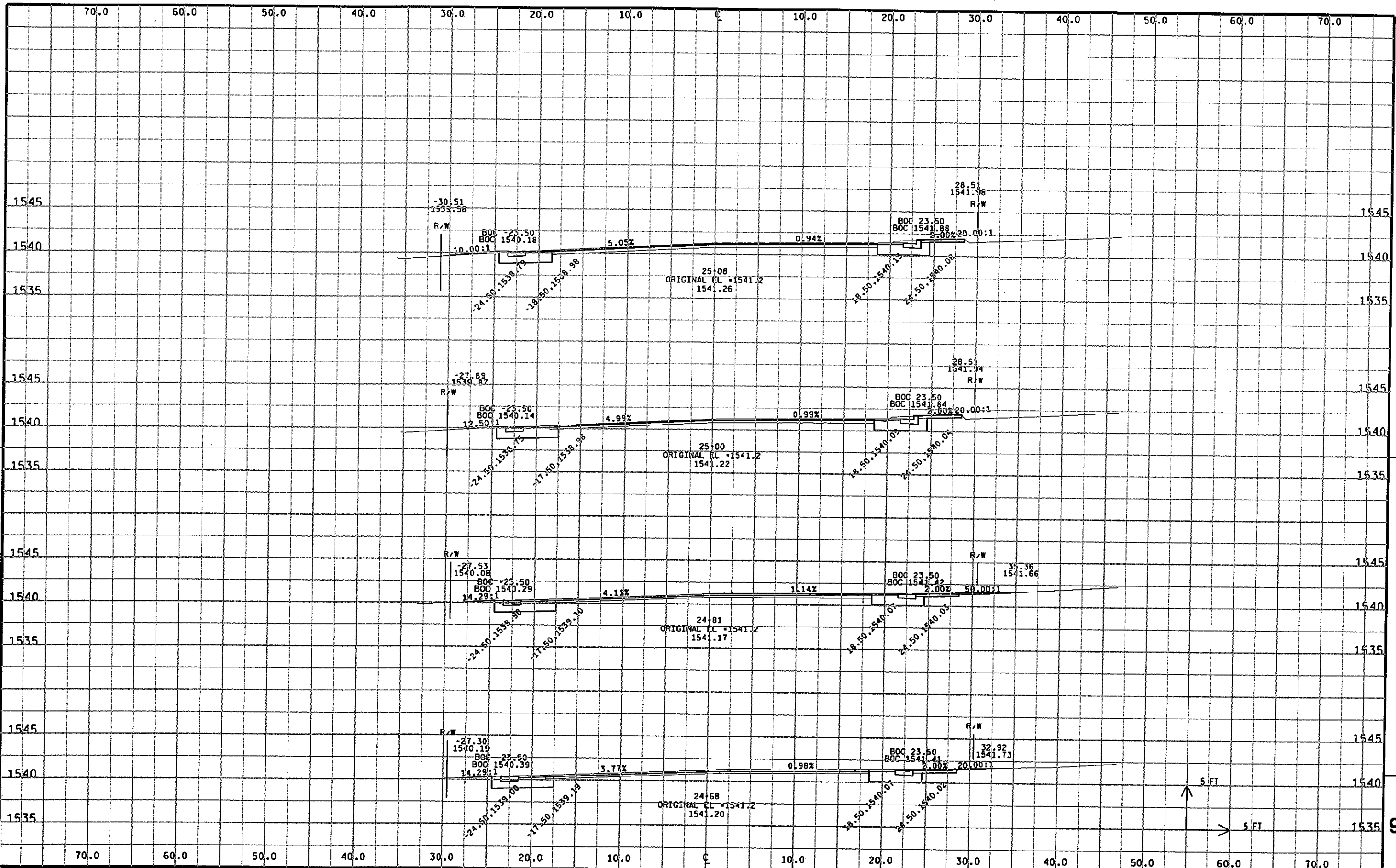
WISDOT/CADDs SHEET 21





PROJECT NO: 9407-03-70	HWY: COURTNEY STREET	COUNTY: ONEIDA	CROSS SECTIONS: STA 22+50 TO STA 22+68.08	SHEET E
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PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

CROSS SECTIONS: STA 24+68 TO STA 25+08

SHEET

E

FILE NAME : K:\align\ra002002.dgn

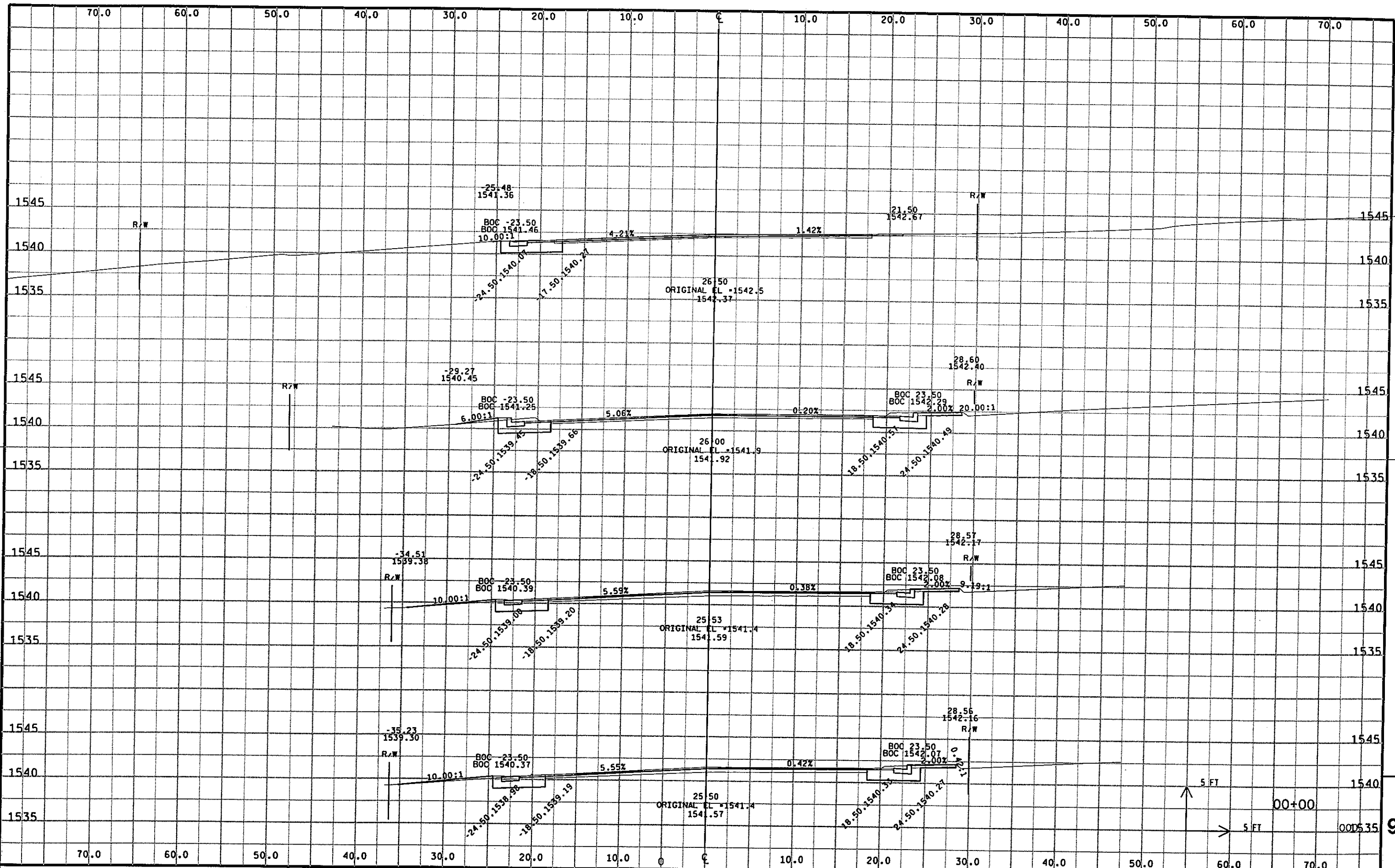
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PLOT BY : MSA-PS

PLOT NAME :

PLOT SCALE : AS SHOWN

WISDOT/CADDs SHEET 21



PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

CROSS SECTIONS: STA 25+50 TO STA 26+50

SHEET

E

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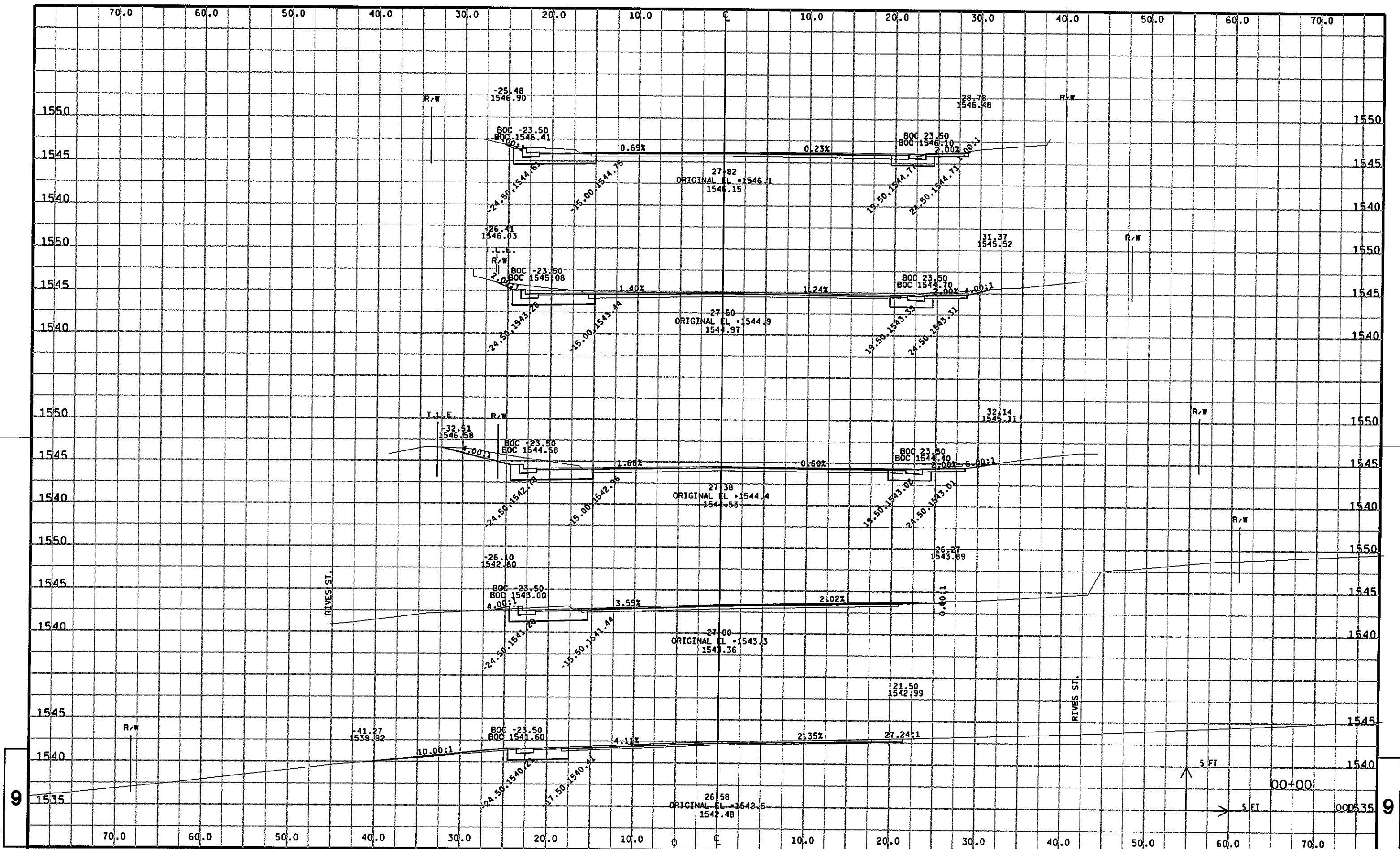
PLOT DATE : 01/20/2006

PLOT BY : MSA-PS

PLOT NAME :

PLOT SCALE : AS SHOWN

WISDOT/CADDs SHEET 21



PROJECT NO: 9407-03-70

HWY: COURTNEY STREET

COUNTY: ONEIDA

CROSS SECTIONS: STA 26+58 TO STA 27+82

SHEET

E

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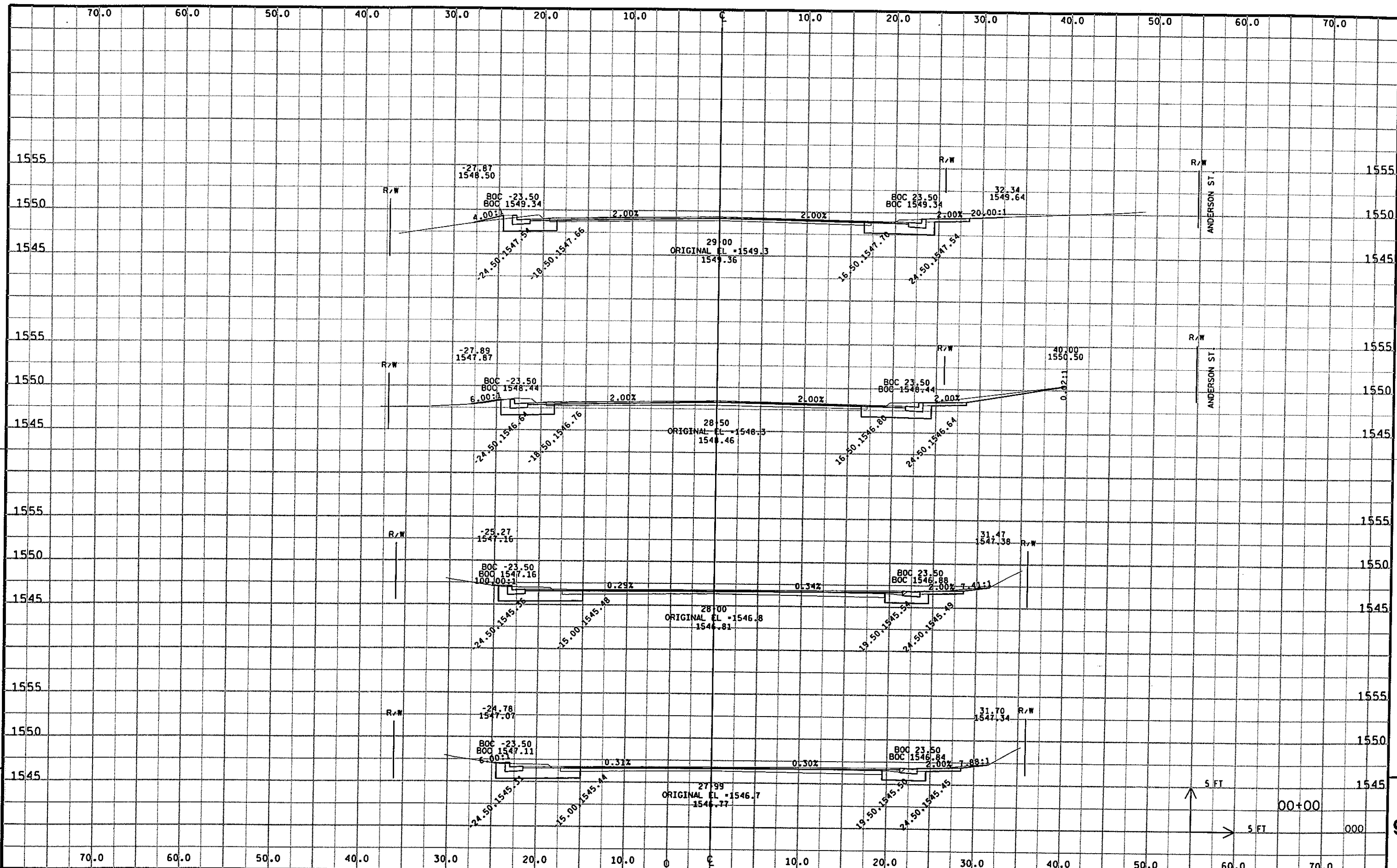
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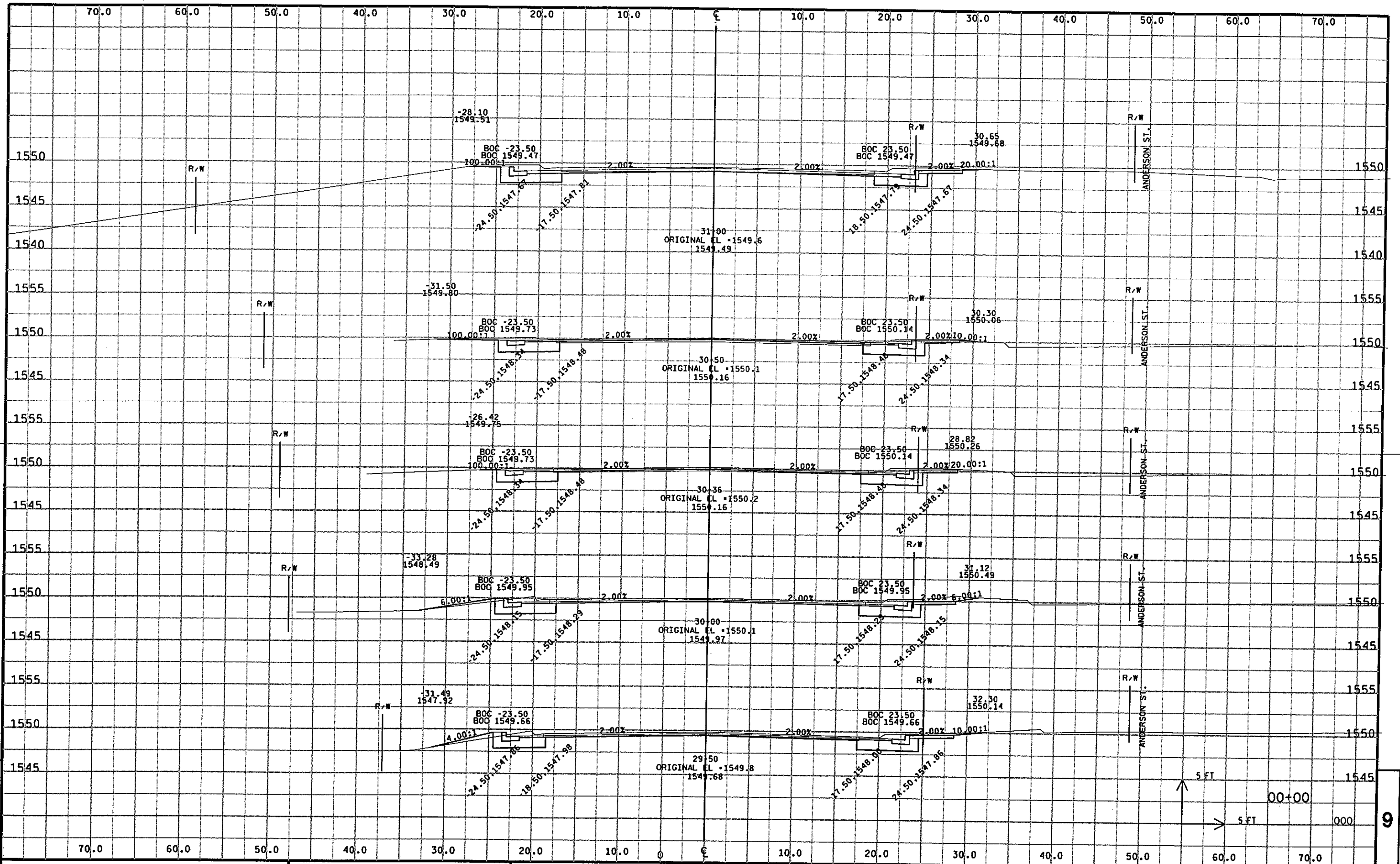
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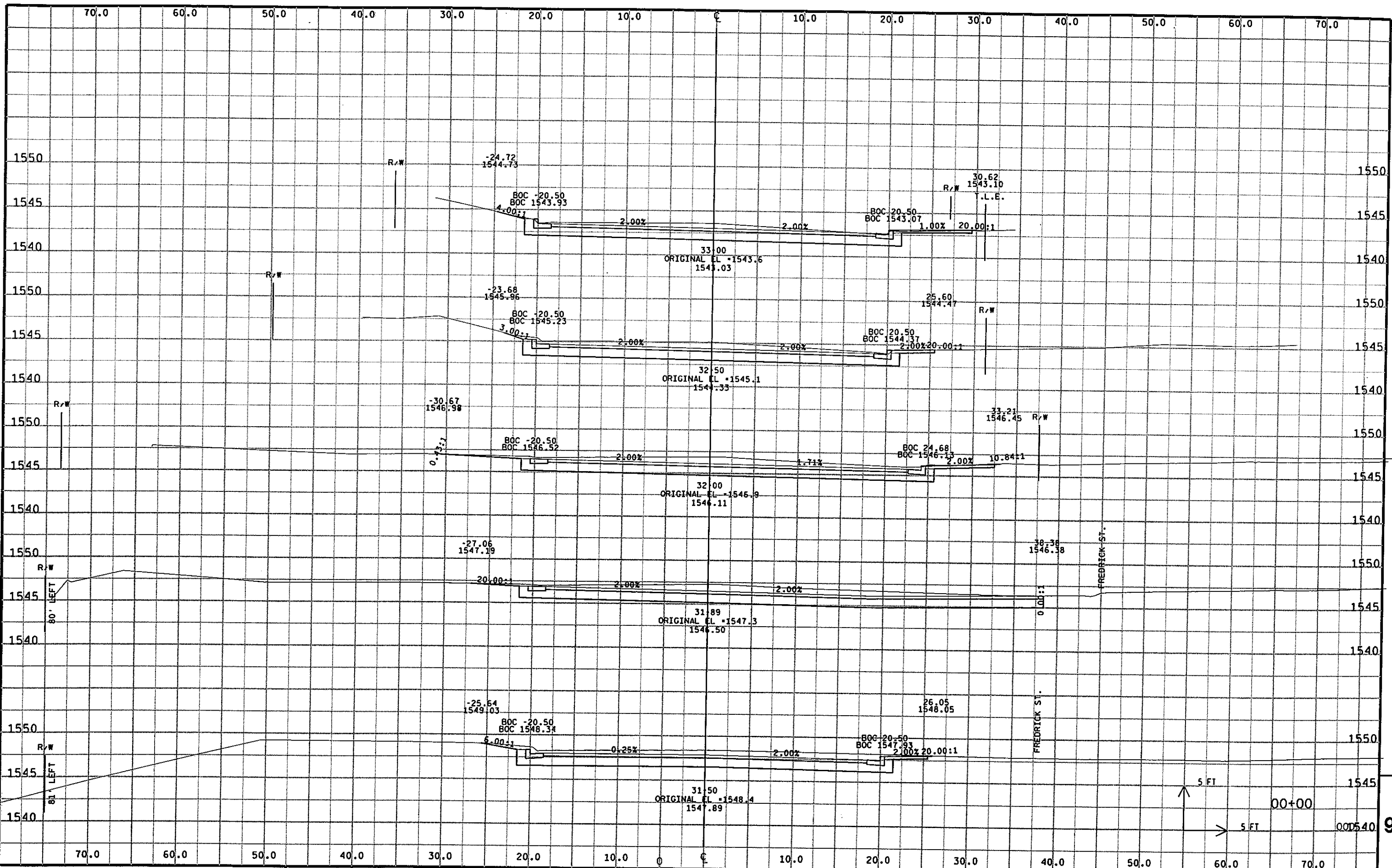
PLOT NAME :

PLOT SCALE : AS SHOWN

WISDOT/CADDs SHEET 21







PROJECT NO: 9407-03-70

HWY: THAYER STREET

COUNTY: ONEIDA

CROSS SECTIONS: STA 31+50 TO STA 33+00

SHEET

E

FILE NAME : K:\align\rc007002.dgn

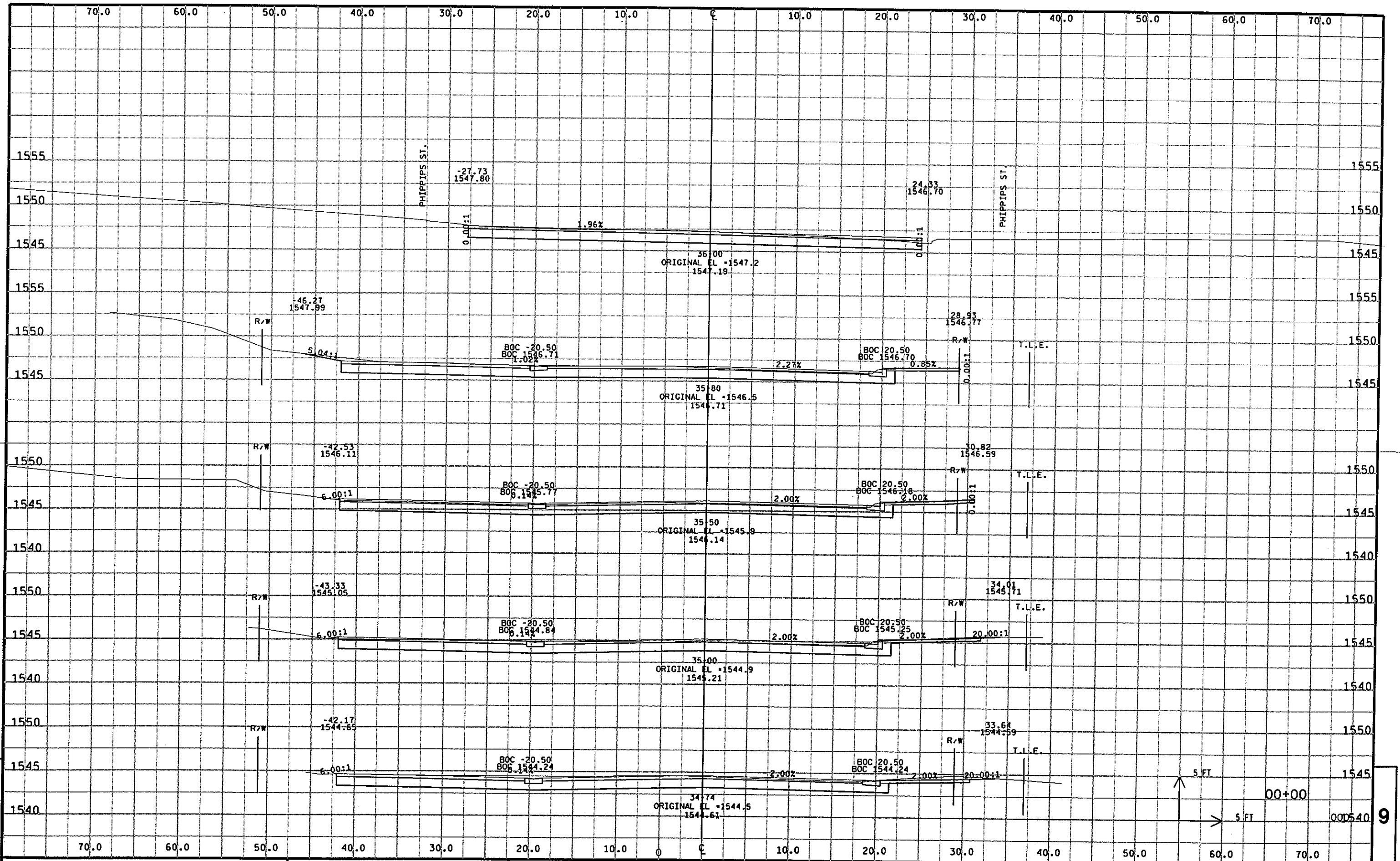
PLOT DATE : 01/20/2006

PLOT BY : MSA-PS

PLOT NAME :

PLOT SCALE : AS SHOWN

WISDOT/CADD SHEET 21



PROJECT NO: 9407-03-70

HWY: THAYER STREET

COUNTY: ONEIDA

CROSS SECTIONS: STA 34+74 TO STA 36+00

SHEET

E

FILE NAME : K:\align\rc009002.dgn

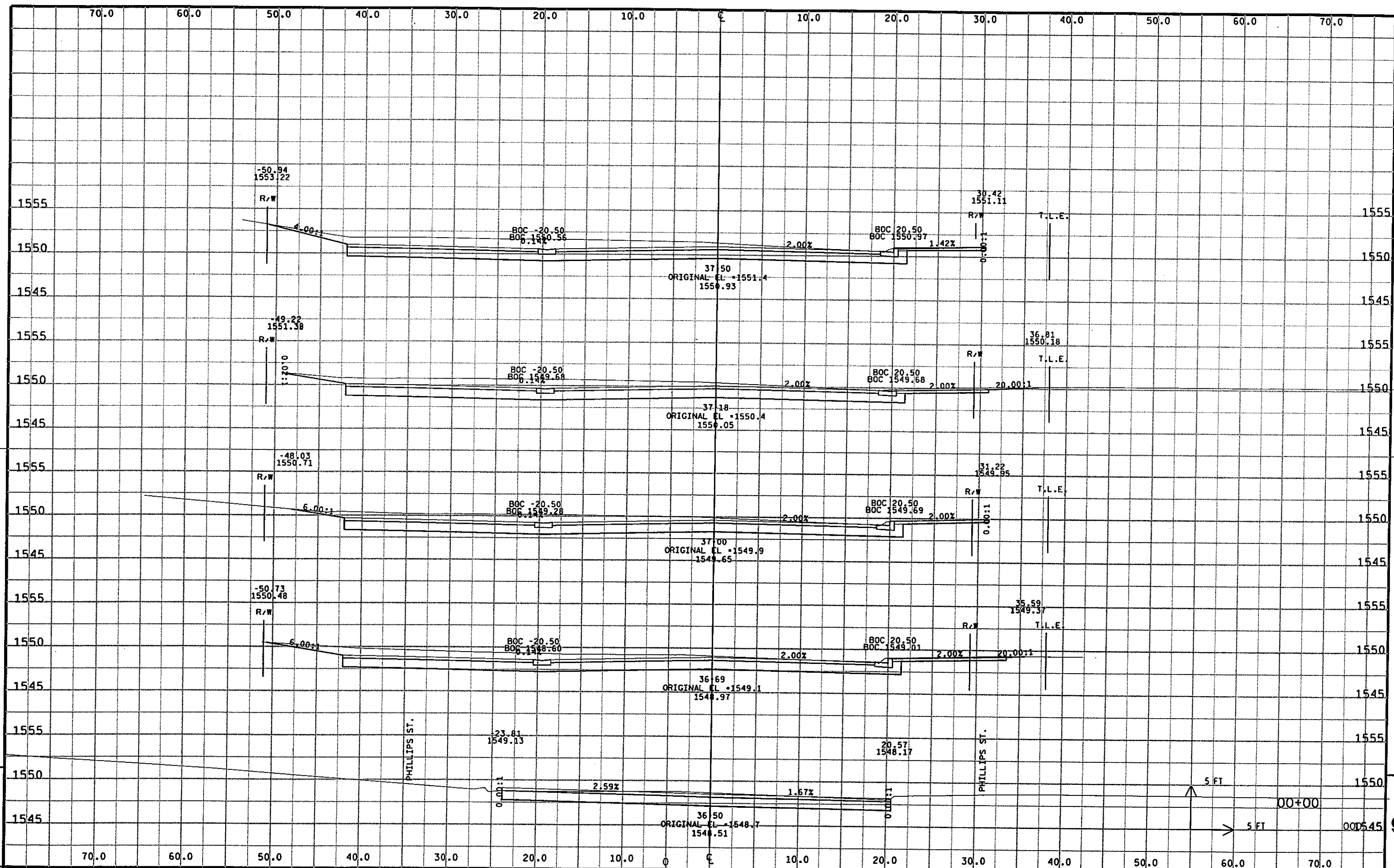
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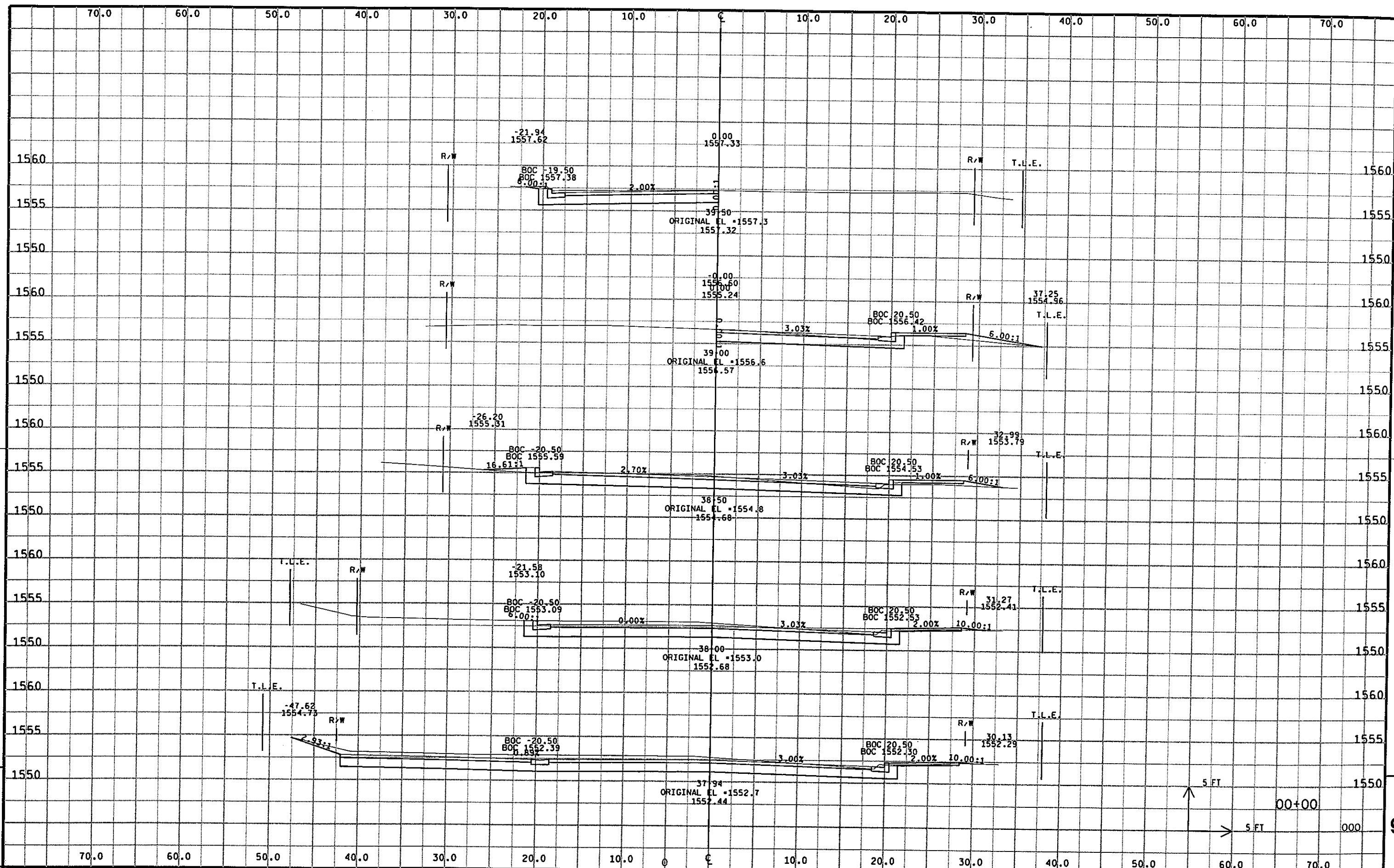
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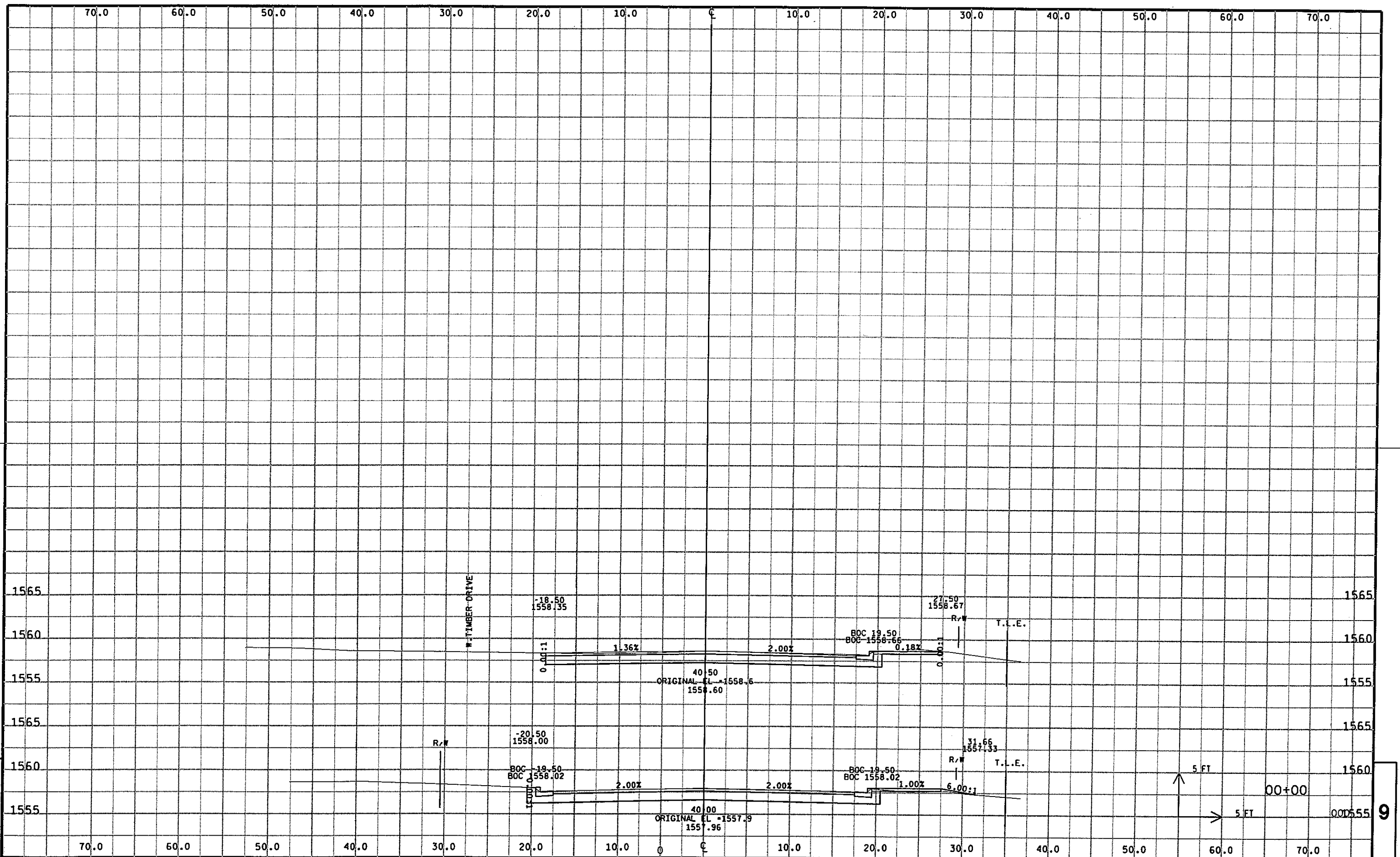
WISDOT/CADD SHEET 21





9

9



PROJECT NO: 9407-03-70

HWY: THAYER STREET

COUNTY: ONEIDA

CROSS SECTIONS: STA 40+00 TO STA 40+50

SHEET

11

FILE NAME : K:\align\rc012002.dgn

PLOT DATE : 01/20/2006

PLOT BY ; MSA-PS

PLOT NAME :

PLOT SCALE : AS SHOWN

WISDOT/CADDs SHEET 21