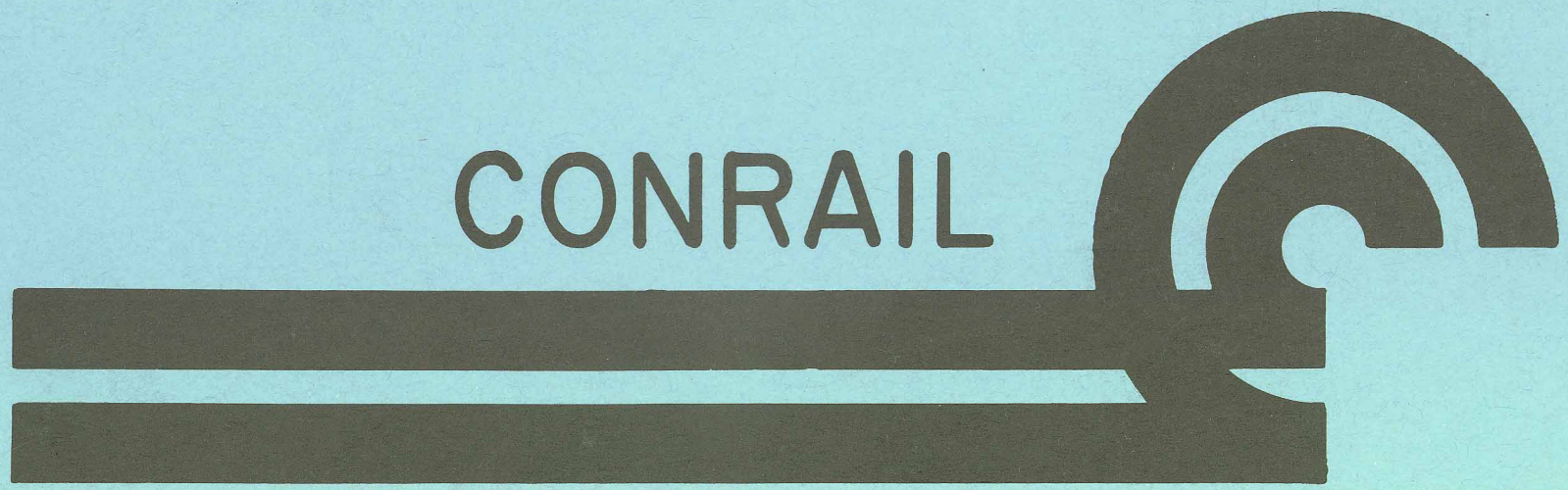


CONRAIL



MAINTENANCE PROGRAM

AND

TRACK CHART

NORTHERN REGION

CANADA DIVISION

CORRECT TO 1-1-81



| LINE NAME | BETWEEN | M. P. TO M. P. | CODE | STATE | PAGE |
|--------------------------|------------------------------|----------------|---------|-------|--------|
| M. L. (SUSP. BR. & CHI.) | FALLS VIEW & WINDSOR | 0.0-225.4 | 51-5104 | ON | 2- 24 |
| M. L. (SUSP. BR. & CHI.) | SUSPENSION BRIDGE-FALLS VIEW | 580.0-582.7 | 51-5104 | ON | 1- 1 |
| AMHERSTBURG BR. | MCGREGOR | 7.2- 8.2 | 51-5132 | ON | 27- 27 |
| AMHERSTBURG BR. | MCGREGOR & QUARRIES | 8.2- 15.1 | 51-5132 | ON | 27- 28 |
| CHIPPAWA BR. | CHIPPAWA & MAIN LINE | 12.6- 14.4 | 51-5134 | ON | 31- 31 |
| DETROIT RIVER TUNNEL | WINDSOR & INTER-BOUNDARY | 225.4-226.3 | 51-5104 | ON | 24- 24 |
| FORT ERIE BR. | FORT ERIE & BROOKFIELD | 0.0- 13.2 | 51-5131 | ON | 25- 28 |
| LEAMINGTON BR. | COMBER & ONIONVILLE | 0.0- 15.6 | 51-5133 | ON | 29- 30 |
| NIAGARA BR. | MAIN LINE & STEAMFORD | 18.9- 18.4 | 51-5134 | ON | 32- 32 |
| OLD FORT ERIE BR. | OLD FORT ERIE & NIAGARA | 0.0- 0.7 | 51-5135 | ON | 33- 33 |
| WELLAND IND. LEAD | PHILLIPS & WELLAND | 0.0- 3.5 | 51-5136 | ON | 34- 34 |
| WELLAND TUBE LEAD | BROOKFIELD & SEAWAY | 0.0- 1.4 | 51-5137 | ON | 35- 35 |

PROGRAM LEGEND
DATE OF CONDITION PRECEDES CODE (IF KNOWN)

| CONDITIONS | CODES |
|-------------|---|
| GRINDING | (NO. OF PASSES) |
| WELDING | E = Electric TW = Thermit Weld G = Gas |
| SURFACING | TYPE OF MACHINE USED E = Electromatic P = Plasser EM = Electromatic & Electromatic Jr. R = Railway Maint. Corp. J = Jackson T = Tamper M = Matisa P = Pullman (Mainly on Branch Lines) |
| Ties | YEAR INSTALLED ONLY FOR MAJOR REHABILITATION ST = Safety tie installations of less than 400 ties/mile |
| BARS | HF & HFT = Head Free Toeless Other Types HFF = Head Free Flange K4 WC = Crowned Oversize K6 W = Oversized K8 S = Short Bar or 24" Bar K24 SH = Second Hand |
| RAIL | C = Cropped M = Modified F = Fit MM = Medium Manganese HT = Heat Treated T = Transposed /// = Continuous Welded Rail (Butt welded rails 79 feet or longer where laid in succession) |
| NOTE: | On rail weights of over 100 lbs., the number 1 is dropped. Example: 140 lbs. would be written 40. The rail weight will precede the year rail was laid. |
| BALLAST | B = Brownhoist S = Speno |
| CLEANING | L = Loram PD = Plow (Bulldozer) M = Mannix PL = Plow (Loram) N = Nordberg UK = Undercut (Kershaw) P = Pullman UP = Undercut (Plasser) |
| TONNAGE | (MGT) In Million Gross Tons (Prior Year) |
| COST CENTER | MAJOR COST CENTERS ONLY (MINOR COST CENTERS EXCLUDED) |
| | 7XXXX = Passenger Subsidy 61XXX = L.D.L. (Billable) 60XXX = Potential Abandonment Study Line 1XXXX = Major Joint Facility |

CHART LEGEND

| | | | |
|----------------------------|--|--------------------------------------|--|
| INTERLOCKING TOWER | | PUBLIC ROAD XING (GRADE) | |
| INTERLOCKING | | " " " " (W/FLSHRS | |
| BLOCK STATION | | " " " " W/FLSHRS & GATES | |
| BLOCK LIMIT STATION | | " " " " W/WATCHMAN | |
| REMOTE CONTROLLED SWITCHES | | PRIVATE " " " | |
| TRAIN ORDER DELIVERY STAFF | | CURVE LUBRICATOR | |
| TELEPHONE (BOOTH OR BOX) | | DRAGGING EQUIPMENT DETECTOR | |
| YARD LIMIT BOARD | | SPRING SWITCH | |
| TUNNEL | | HOT BOX DETECTOR (POINTING DIRECTION | |
| OVERHEAD BRIDGE | | OF TRAFFIC | |
| UNDERGRADE BRIDGE | | STATE, COUNTY & TOWNSHIP | |
| POSITION LIGHT SIGNAL | | LINES | |

| | | | |
|---------------|--------|--------|-----------------|
| GRINDING | 75 (1) | 79 (1) | |
| WELDING | 89K | 79TH | 78TH |
| SURFACING | | 791 | |
| TIES | | 79 | |
| BARS | | | |
| RAIL | | 40-79 | V 27-84/V 40-79 |
| RAIL CLEAN | 79H | | 78S |
| TONNAGE (MGT) | 31.2 | 31.5 | 28.4 |

001

| | | | |
|---------------|--------|--------|---------|
| GRINDING | 75 (1) | 78 (1) | |
| WELDING | | 79TH | |
| SURFACING | | 791 | |
| TIES | | 79 | |
| BARS | | | |
| RAIL | | 40-79 | V 40-75 |
| RAIL CLEAN | 79H | | 78S |
| TONNAGE (MGT) | 49.9 | 49.4 | 39.7 |

002

| | | | |
|---------------|--|-------|-----|
| GRINDING | | | |
| WELDING | | | |
| SURFACING | | 781 | |
| TIES | | 79 | |
| BARS | | | |
| RAIL | | 27P79 | |
| RAIL CLEAN | | 61S | |
| TONNAGE (MGT) | | 1.9 | 2.1 |

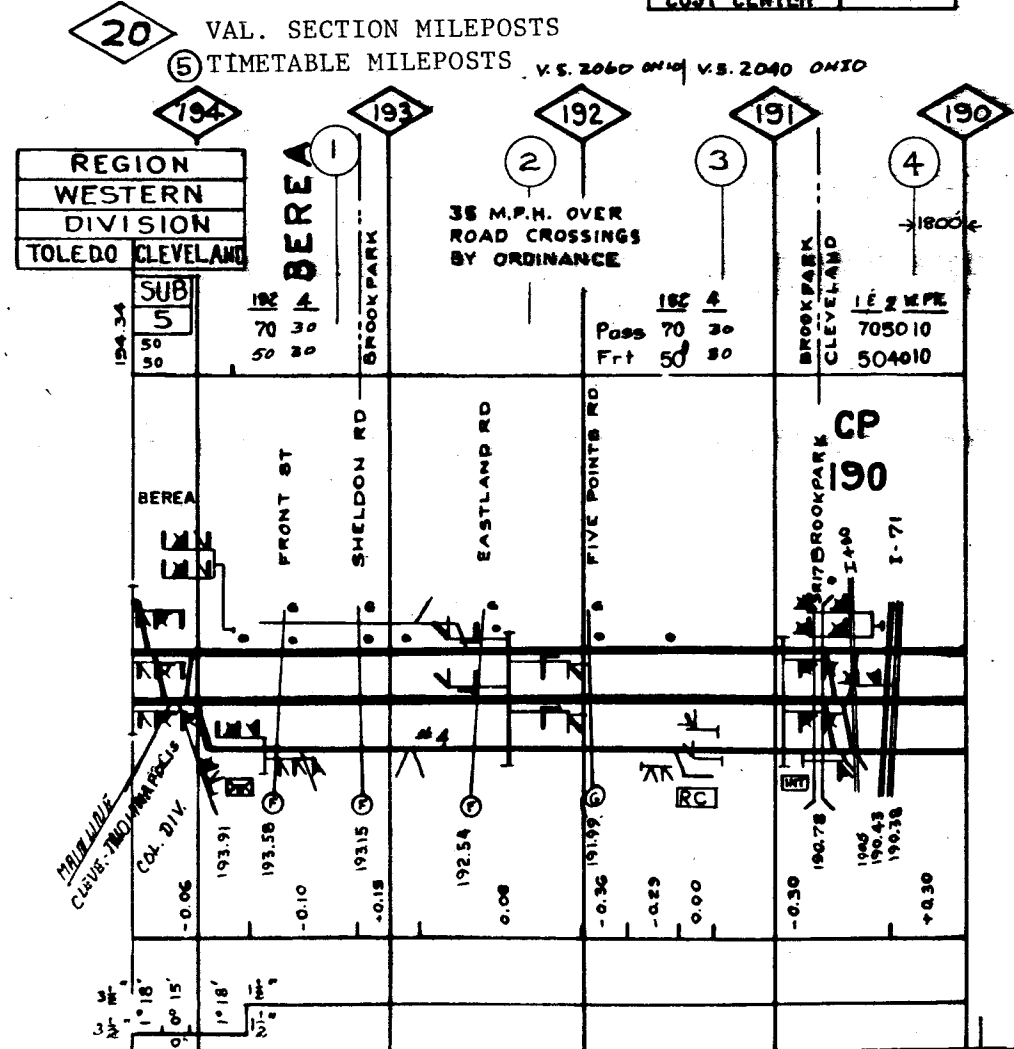
004

MAINTENANCE PROGRAM WORK THIS YEAR IS DESIGNATED WITH DASHED LINES SURFACING AFTER RAIL WITH *****

| | |
|---------------|-----|
| GRINDING | |
| WELDING | |
| SURFACING | 791 |
| TIES | 79 |
| BARS | |
| RAIL | |
| RAIL CLEAN | |
| TONNAGE (MGT) | |

WPS

| | |
|-------------|--|
| COST CENTER | |
| COST CENTER | |
| LOST CENTER | |
| LOST CENTER | |



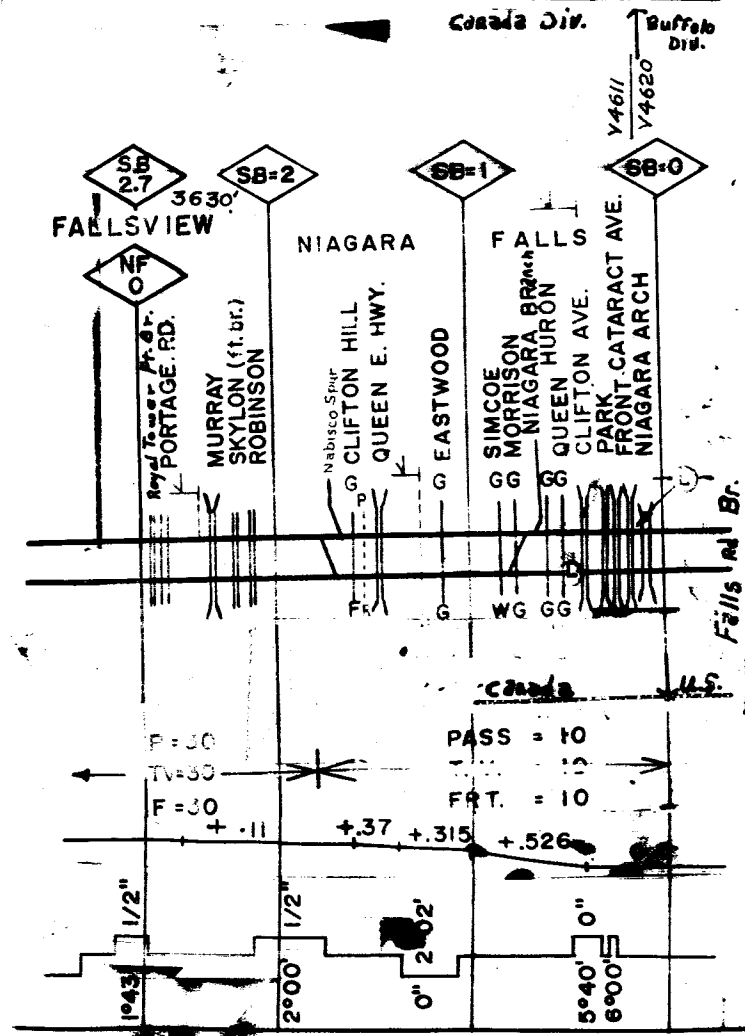
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|---------------|-------|-------|-------|--|
| GRINDING | | | | |
| WELDING | 579 | 579 | 559 | |
| SURFACING | 77E | | 71R | |
| TIES | 77 | | 58 | |
| BAR | 58HPT | | 55HPT | |
| RAIL | 27-37 | 27-35 | 27-37 | |
| RAIL CLEAN | 58N | | | |
| (TONNAGE UGT) | | | | |

001

| | | | | |
|---------------|-------|-------|-------|-------|
| GRINDING | | | | |
| WELDING | | 71E | | |
| SURFACING | | 71R | | 78R |
| TIES | | 71 | | 58 |
| BAR | | 58HPT | | 55HPT |
| RAIL | 27-37 | 27-39 | 27-37 | |
| RAIL CLEAN | 58N | | | |
| (TONNAGE UGT) | | | | |

002

EAST CENTER
COST CENTER



51-5104 M.L. (SUSP. BR. & CHI.)

MP 0.0-MP 2.7 ON

1

| | |
|---------------|-------|
| GRINDING | 72(2) |
| WELDING | |
| SURFACING | 79K |
| LES | 71 |
| BRAS | |
| ROTL | 82-1V |
| BR. CLEAN | |
| TORNIRO (UGT) | 5.2 |

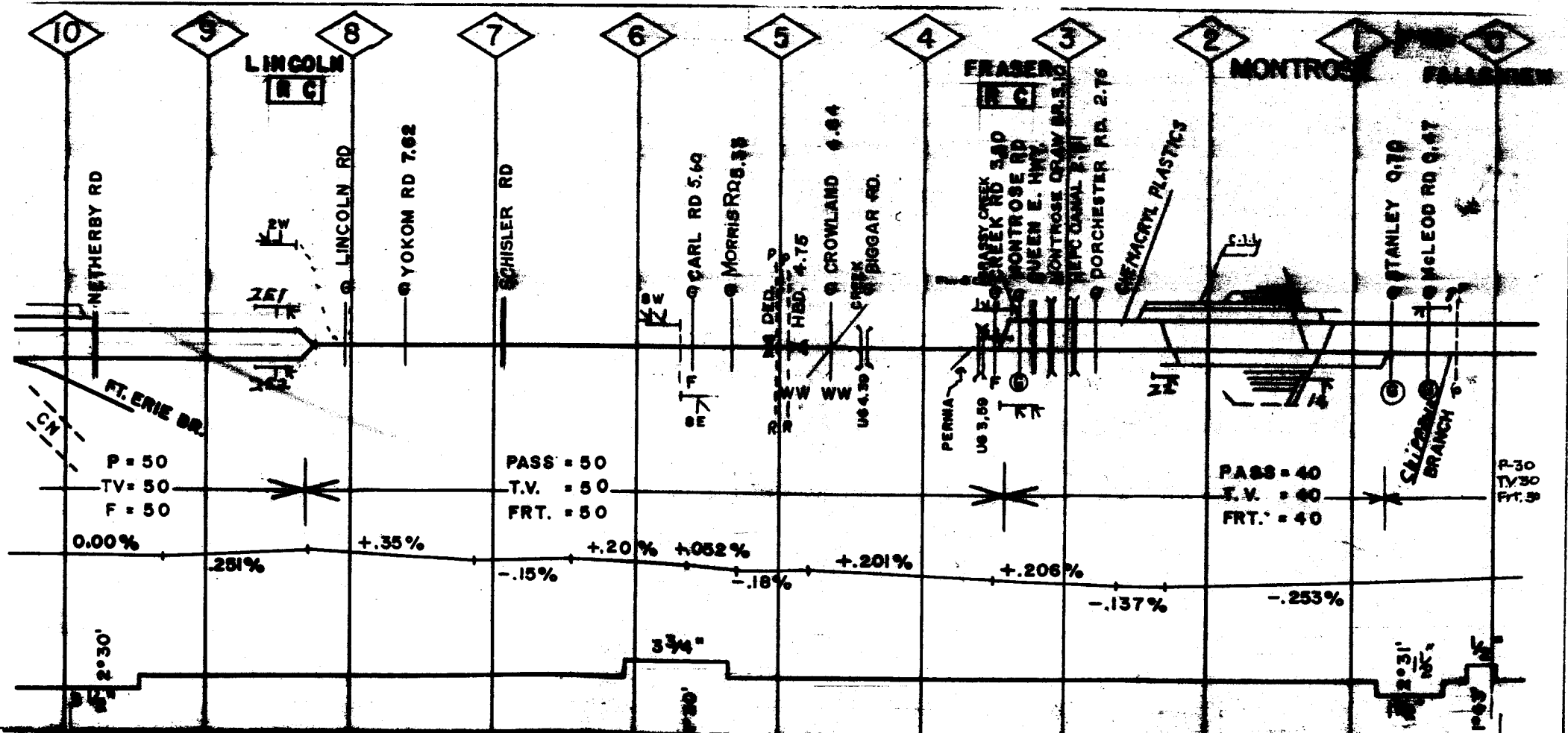
| | | | |
|-------|--------|-------|-------|
| | 77K | 570 | |
| | 77 | | |
| | 57HP11 | | |
| 27-48 | 05-25 | 27-31 | 27-49 |
| 58H | | | |
| | 4.0 | | 4.7 |

| | | | |
|---------------|-------|---------|-------|
| GRINDING | 72(2) | | |
| WELDING | | | |
| SURFACING | 79K | 71K | |
| LES | 71 | 77 | |
| BRAS | | 57HP1 | |
| ROTL | 82-1V | V 82-12 | 27-45 |
| BR. CLEAN | 87H | | |
| TORNIRO (UGT) | 8.9 | | |

| | | | |
|-------|-----|-------|-------|
| | 77K | | |
| | 77 | | |
| | 58H | | |
| 27-45 | | 27-45 | 27-47 |
| | 58H | | |
| | 4.0 | | 4.7 |

| | |
|---------------|-------|
| GRINDING | 72(2) |
| WELDING | |
| SURFACING | 79K |
| LES | 71 |
| BRAS | |
| ROTL | 82-1V |
| BR. CLEAN | 87H |
| TORNIRO (UGT) | 5.2 |

| | | | | |
|-------------|-------|-------|-------|-------|
| COST CENTER | 15400 | 15400 | 15400 | 15400 |
| COST CENTER | 15400 | 15400 | 15400 | 15400 |



001

007

002

| | | |
|---------------|---------------|--------|
| GRINDING | | 74(1) |
| WELDING | | 73TH |
| SURFACING | | 73E |
| TIES | | 73 |
| RRS | | |
| RAIL | V // // // // | 32-13/ |
| RAIL CLEAN | | |
| TONNAGE (MGT) | | |

WCS

| | | | | | | |
|---------------|-----|-------|-----|-----|---------------|--------|
| GRINDING | | | | | | 74(1) |
| WELDING | 59E | | 65E | | | 73TH |
| SURFACING | | 79E | | 80E | | 73 |
| TIES | | 79 | | | | 79E |
| RRS | | 54RPT | | | | |
| RAIL | | 27-46 | | | V // // // // | 32-13/ |
| RAIL CLEAN | | | | | | |
| TONNAGE (MGT) | 2.9 | | | | 4.8 | 5.2 |

001

| | | | | | | |
|---------------|-------|-------|------|--|---------------|--------|
| GRINDING | | | | | | 74(1) |
| WELDING | | 65E | | | | 73TH |
| SURFACING | | 78E | | | | 79E |
| TIES | | 78 | | | | 73 |
| RRS | 50RPT | | 52WC | | | |
| RAIL | | 27-42 | | | V // // // // | 32-13/ |
| RAIL CLEAN | | 49N | | | | |
| TONNAGE (MGT) | 2.9 | | | | 4.8 | 5.2 |

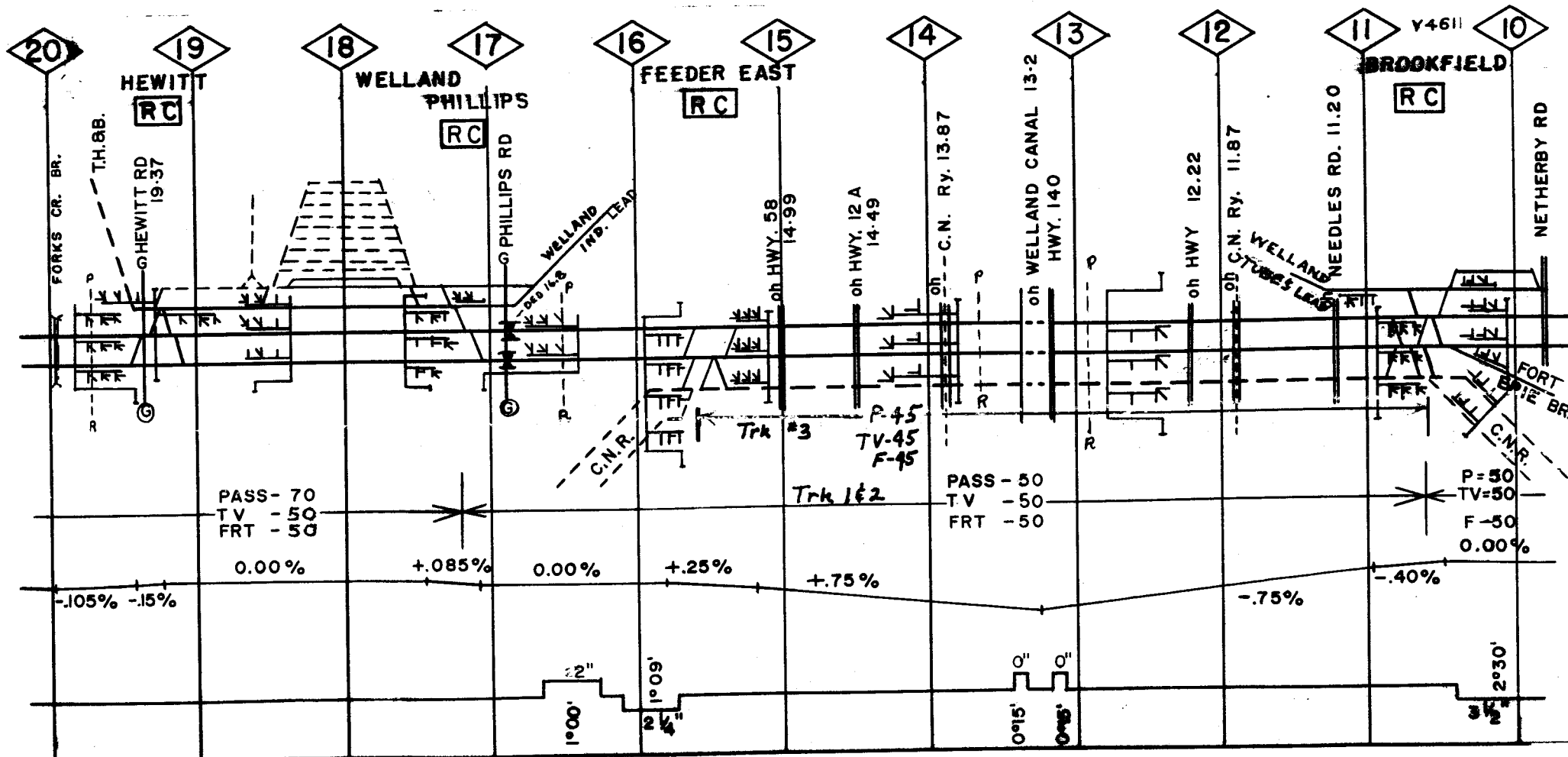
002

| | | | | | | |
|---------------|--|--|--|--|--|-------|
| GRINDING | | | | | | MBINT |
| WELDING | | | | | | |
| SURFACING | | | | | | |
| TIES | | | | | | BY |
| RRS | | | | | | |
| RAIL | | | | | | |
| RAIL CLEAN | | | | | | CNRR |
| TONNAGE (MGT) | | | | | | |

003

| | | | | | | |
|-------------|--|-------|--|-------|--|-------|
| COST CENTER | | 15400 | | 15411 | | 15400 |
| COST CENTER | | 15400 | | 15411 | | 15400 |
| COST CENTER | | 15400 | | 15411 | | 15400 |

COST CENTER



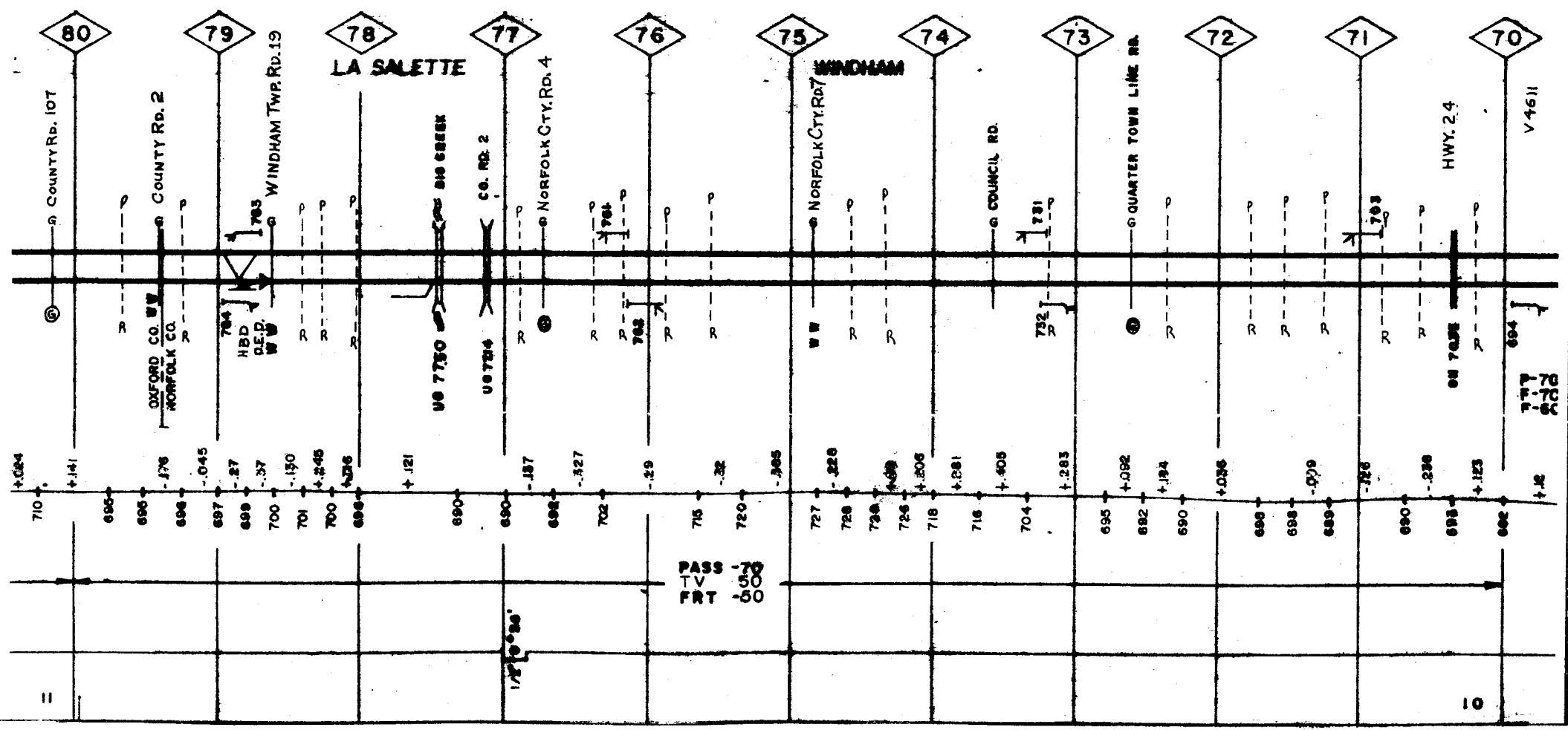
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|--------------|------|--|--|--|------|-------|--|--|-----|-----|
| GRINDING | | | | | | | | | | |
| WELDING | 580 | | | | | 700 | | | | 580 |
| SURFACING | 72PL | | | | 70PL | | | | 72E | |
| TIES | 72 | | | | 70 | | | | 77 | |
| RRS | | | | | | | | | | |
| RRYL | | | | | | | | | | |
| RR CLEAN | | | | | 56N | 27-45 | | | | 55N |
| TENNIS (UGT) | | | | | | 3.0 | | | | |

001

| | | | | | | | | | | |
|--------------|------|-----|--|-----|--|-------|--|------|-----|-----|
| GRINDING | | | | | | | | | | |
| WELDING | 65E | | | 67E | | | | 66E | | |
| SURFACING | | | | 77E | | | | 72PL | | 72E |
| TIES | | | | 77 | | | | 72 | | 70 |
| RRS | 52MC | | | | | 53MC | | | | |
| RRYL | | | | | | | | | | |
| RR CLEAN | 56N | 56N | | | | 27-40 | | | | |
| TENNIS (UGT) | | | | | | 3.0 | | | 56N | 56N |

002

| | | | | | | | | | | |
|-------------|--|--|--|--|--|-------|--|--|--|--|
| COST CENTER | | | | | | 15400 | | | | |
| COST CENTER | | | | | | 15400 | | | | |



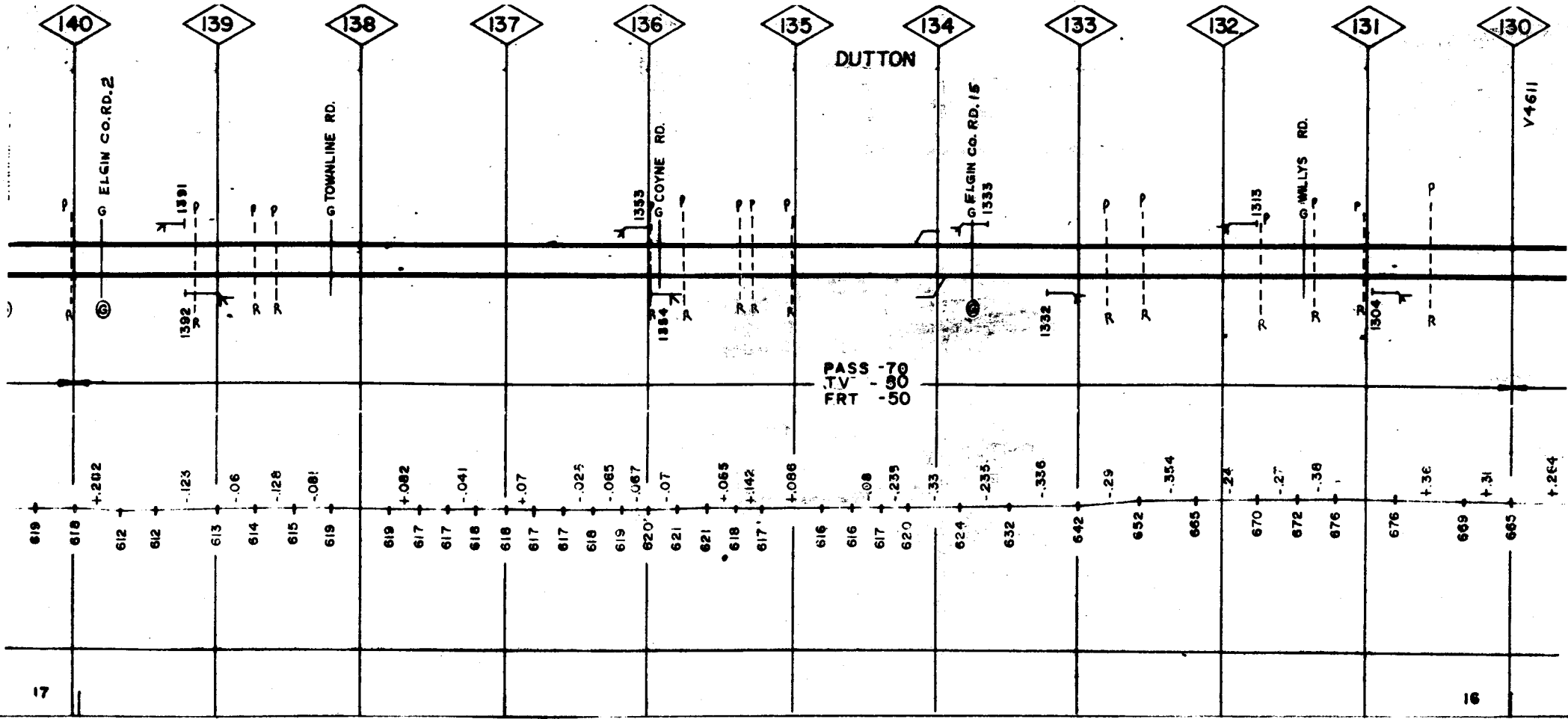
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|-----------------|-------|-------|-------|-------|--|--|--|-------|--|--|
| GRINDING | | | | | | | | | | |
| WELDING | | | | | | | | | | |
| SOURCING | | | | | | | | | | |
| TIES | | | | | | | | | | |
| BARS | | | | | | | | | | |
| RAIL | 27-47 | 27-44 | 27-42 | 27-44 | | | | 27-49 | | |
| ORL CLEAN | | 54N | | | | | | 54N | | |
| (MORNING (MGT)) | | | | | | | | | | |

001

| | | | | | | | | | | |
|-----------------|-------|-------|--|-------|------|----|--|-----|-------|-------|
| GRINDING | | | | | | | | | | |
| WELDING | | | | | | | | | | |
| SOURCING | | | | | | | | | | |
| TIES | | | | | | | | | | |
| BARS | 51HPT | 54HPT | | | 53HC | 79 | | 78P | | |
| RAIL | | | | 27-41 | | | | | 55HPT | 27-45 |
| ORL CLEAN | 54N | | | | | | | | | |
| (MORNING (MGT)) | | | | | | | | | | |

002

| | | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|--|
| COOL CENTER | | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|--|



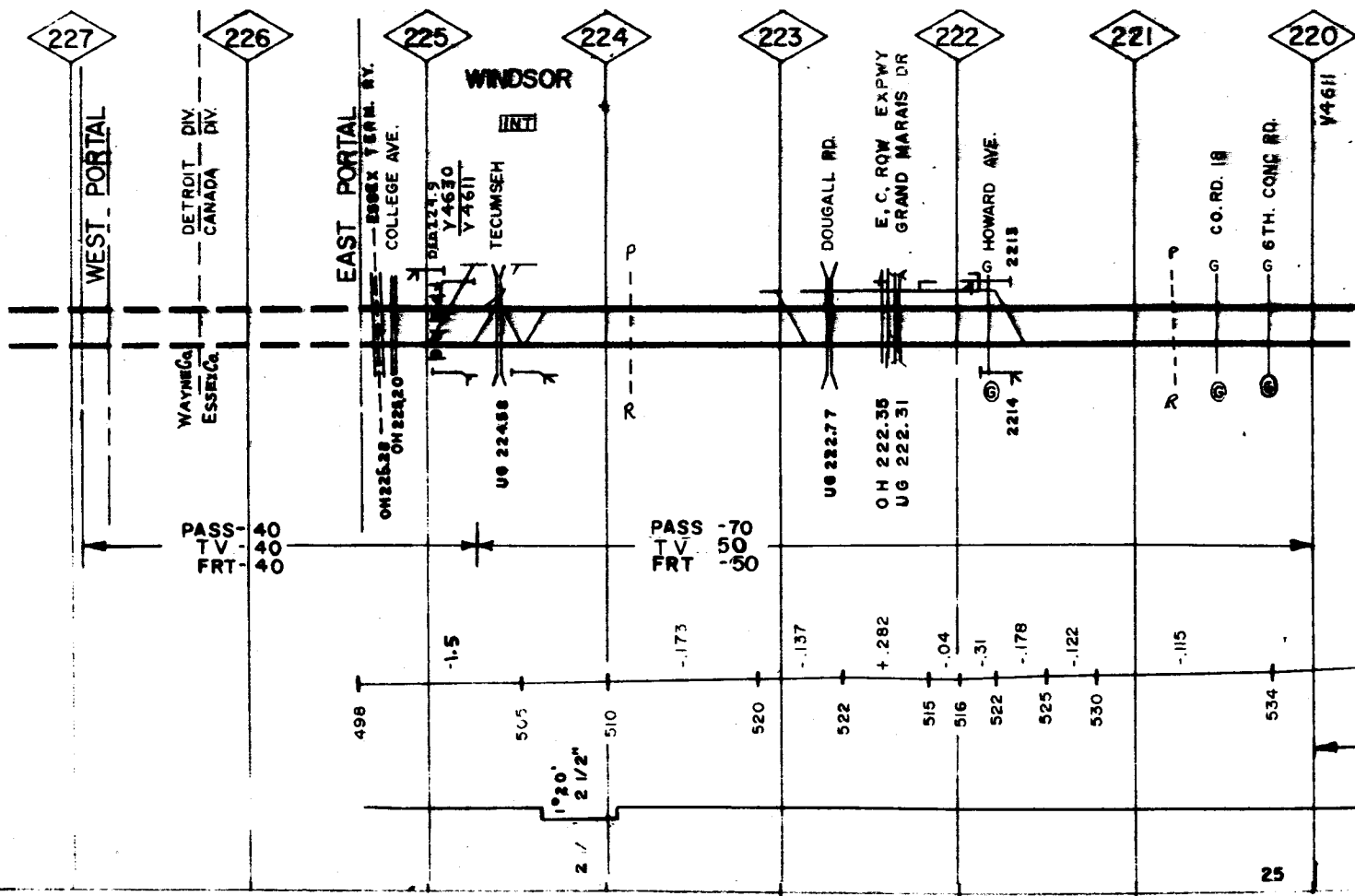
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|---------------|--|-------|-----|-------|-------|-------|-------|-------|-------|-----|-------|
| GRINDING | | | | | | | | | | | |
| WELDING | | | | | | | | | | | |
| SURFACING | | 65E | | 78E | | 68E | | 84E | | 61E | 78E |
| TIES | | 47 | 148 | | | | | 80K | | | 78 |
| BARNS | | 51 | 50 | 54 | 46HPY | | | | | | |
| REST | | 27-53 | 52 | 27-77 | 54 | 27-80 | 46HPY | 27-81 | 27-48 | | 27-47 |
| BRG. CLEAN | | | | | | | | | | | |
| (CONRGE UNIT) | | | | | | 9.3 | | | 18.4 | | 2.8 |

001

| | | | | | | | | | | |
|---------------|--|-------|-------|----|--|-------|-----|------|-------|-------|
| GRINDING | | | | | | | | | | |
| WELDING | | | | | | | | | | |
| SURFACING | | 65E | | | | | | 68E | | |
| TIES | | 69 | | | | | | 78 | | |
| BARNS | | 69HPY | | 54 | | 58HPY | | | 55 | 58HPY |
| REST | | 27-53 | 27-77 | 54 | | 27-59 | | | 27-48 | |
| BRG. CLEAN | | | | | | | 87S | | | |
| (CONRGE UNIT) | | | | | | 9.3 | | 18.4 | | 2.8 |

002

| | | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|--|
| COST CENTER | | | | | | | | | | |
| COST CENTER | | | | | | | | | | |



25

| | | | | |
|---------------|-------|------|-------|-----|
| GRINDING | | | | |
| WELDING | | | | |
| SURFACING | | | | |
| TIES | | 67PL | | |
| PIES | | 59 | | |
| RRS | 45HPT | | 59HPT | |
| REIL | 15-58 | | 15-59 | |
| RR CLEAN | | | | |
| TONNAGE (UGT) | | | | 2.0 |

007

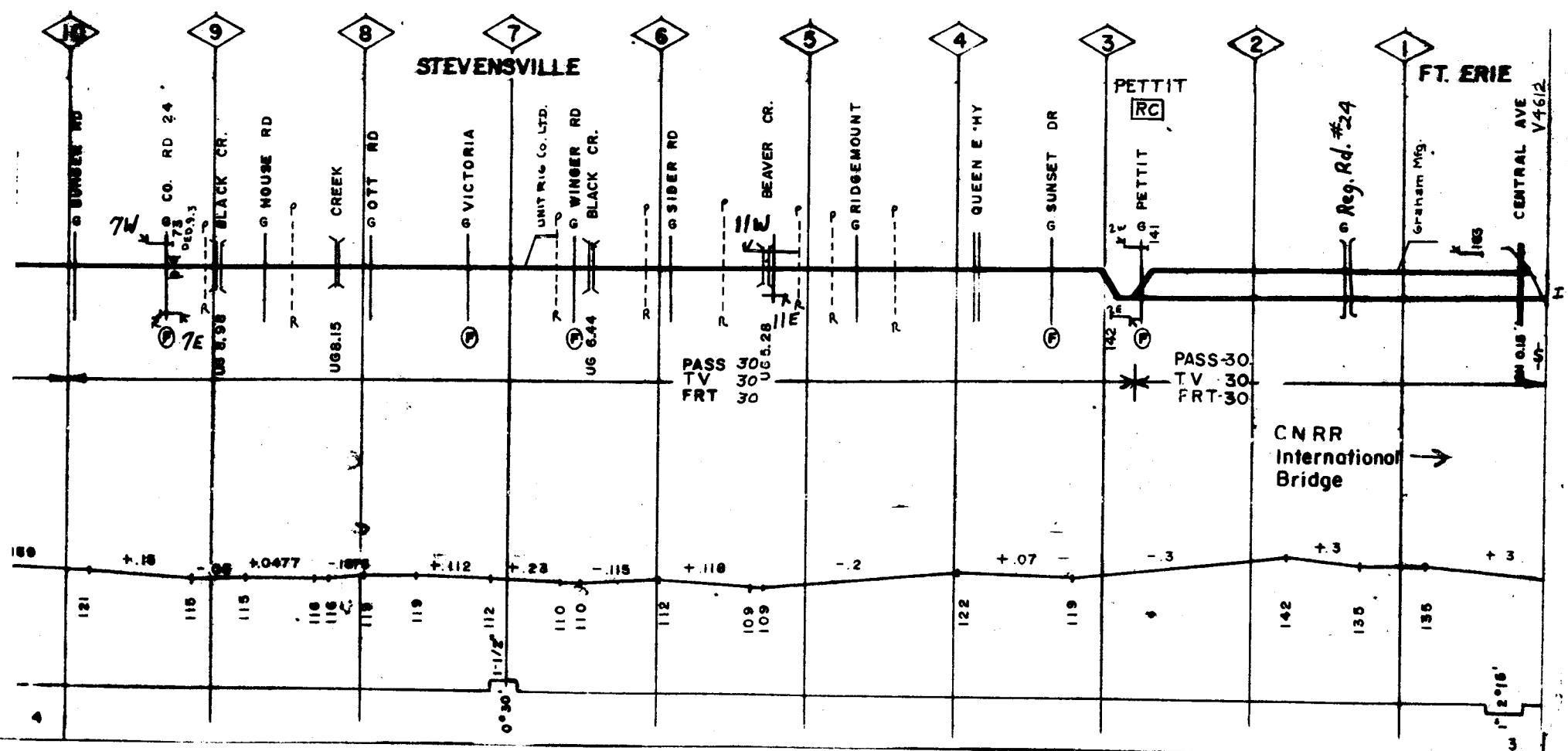
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|---------------|--|-------|------|-------|
| GRINDING | | | | |
| WELDING | | | | |
| SURFACING | | 550 | | 68E |
| TIES | | 67PL | (49) | |
| PIES | | 59 | | |
| RRS | | 59HPT | | 53HPT |
| REIL | | 15-59 | | 27-52 |
| RR CLEAN | | | | 29 |
| TONNAGE (UGT) | | | | 1.0 |

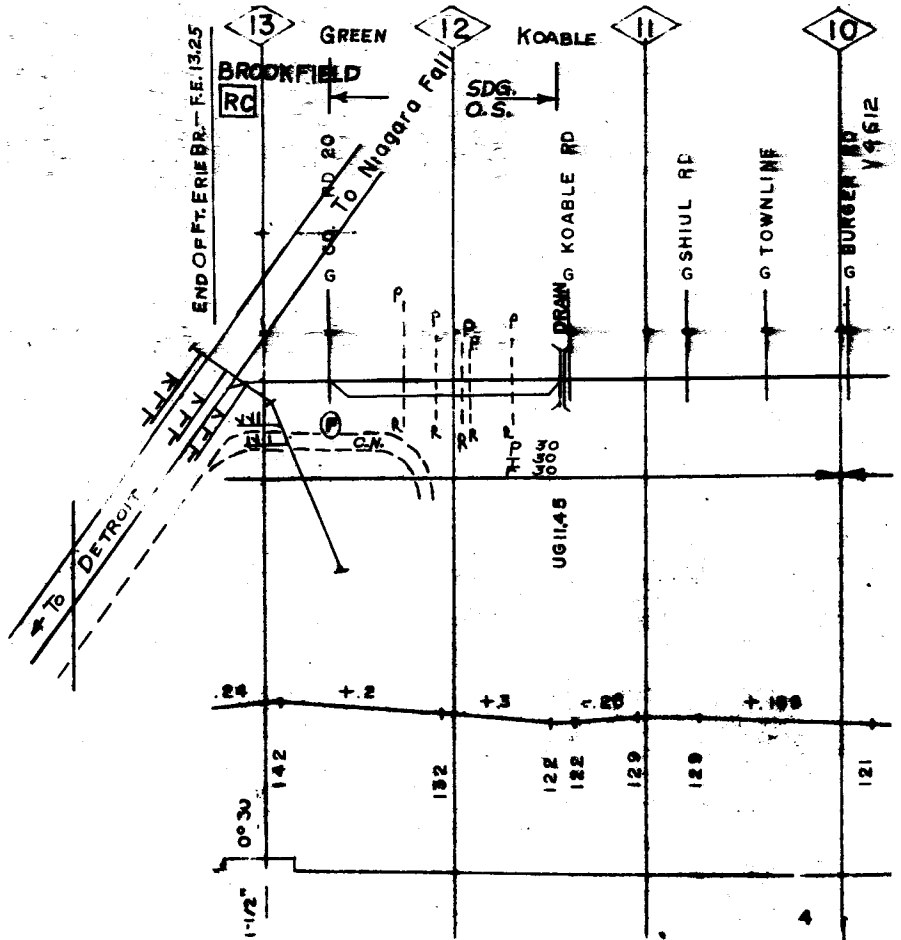
001

| | | | | |
|---------------|-------|-------|-------|-------|
| GRINDING | | | | |
| WELDING | | | | |
| SURFACING | | | | 68E |
| TIES | | | | 67PL |
| PIES | | | | 67 |
| RRS | | 55HPT | | 53HPT |
| REIL | 27-29 | | 27-37 | 27-52 |
| RR CLEAN | | | | |
| TONNAGE (UGT) | | | | 1.0 |

002

| | | | |
|-------------|-------|-------------|-------|
| COST CENTER | 15400 | COST CENTER | 15400 |
|-------------|-------|-------------|-------|





| | |
|-------------|-------|
| COST CENTER | 15400 |
|-------------|-------|

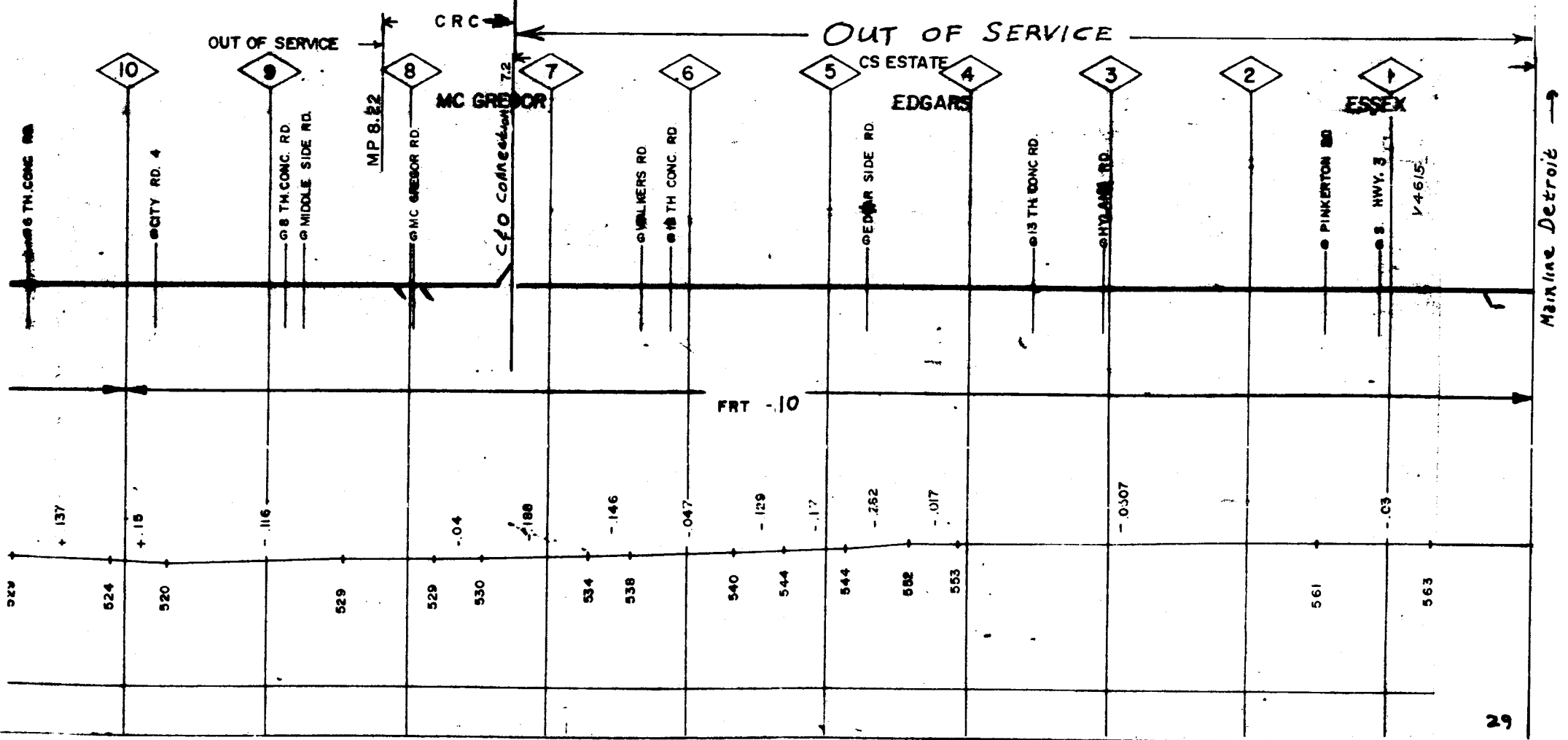
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|----------------|--------|------|--------|
| GRINDING | | | |
| MELDING | | | |
| SURFACING | | 57PL | |
| TIES | 57 | | 50 |
| BOYS | 57(RP) | | 50(RP) |
| HTL | 15-57 | | 15-50 |
| BR | 57N | | |
| CONCRETE (UG1) | | 2.0 | |

007

| | | |
|----------------|-------|------|
| GRINDING | | |
| WELDING | | |
| SUPERVISING | 70P | 171P |
| TILES | 70 | |
| BOYS | 52HP1 | |
| WALL | 00-23 | |
| ALL CLEAN | | |
| STANDARD SHELL | | |

007

LOST CENTER



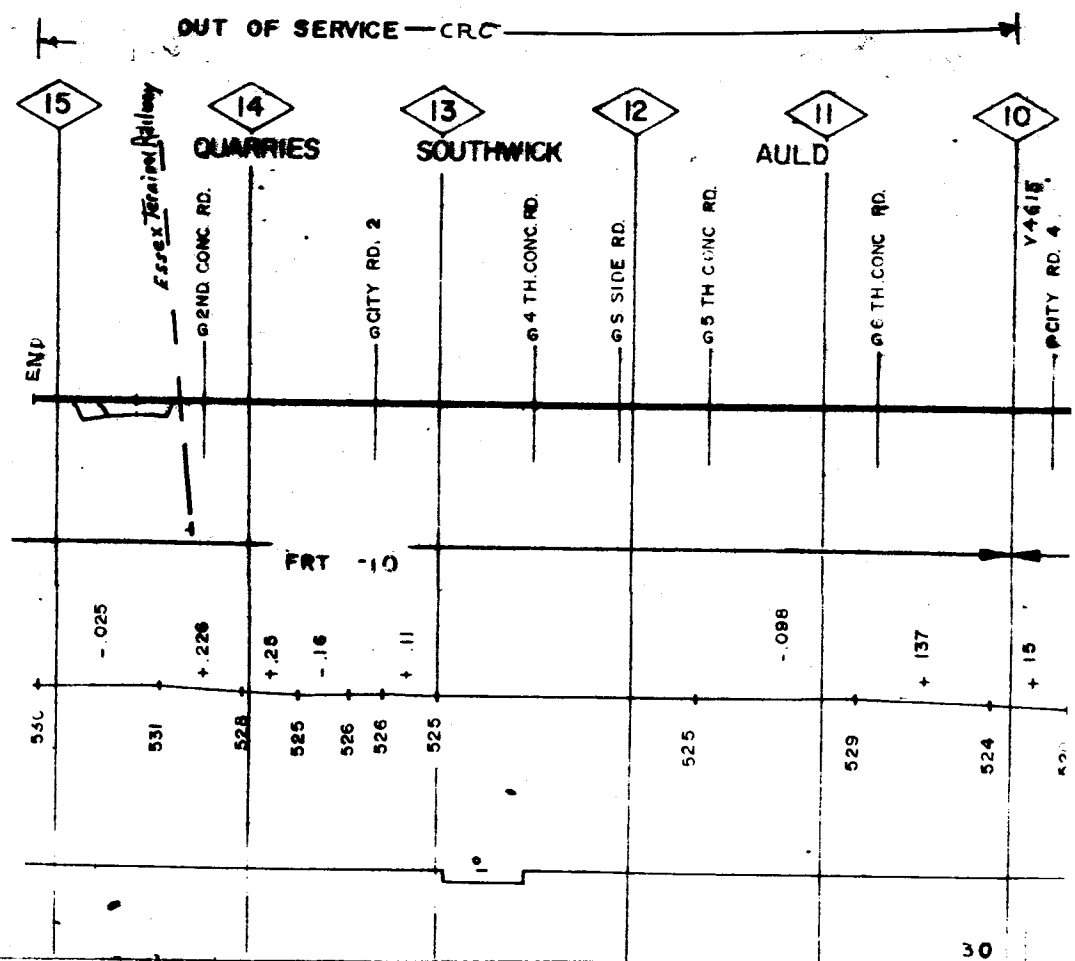
Mainline Detroit

29

| | | | | |
|------------------|----|-------|-------|-------|
| GRINDING | | | | |
| WELDING | | | | |
| SUPPLYING | | 58P | | 59P |
| TIES | 64 | | 57 | |
| BBRS | | | | |
| BBLL | | 00-28 | 00-24 | 60-28 |
| BRG. CYLINDR | | | | |
| (CONCRETE LIGHT) | | | | |

007

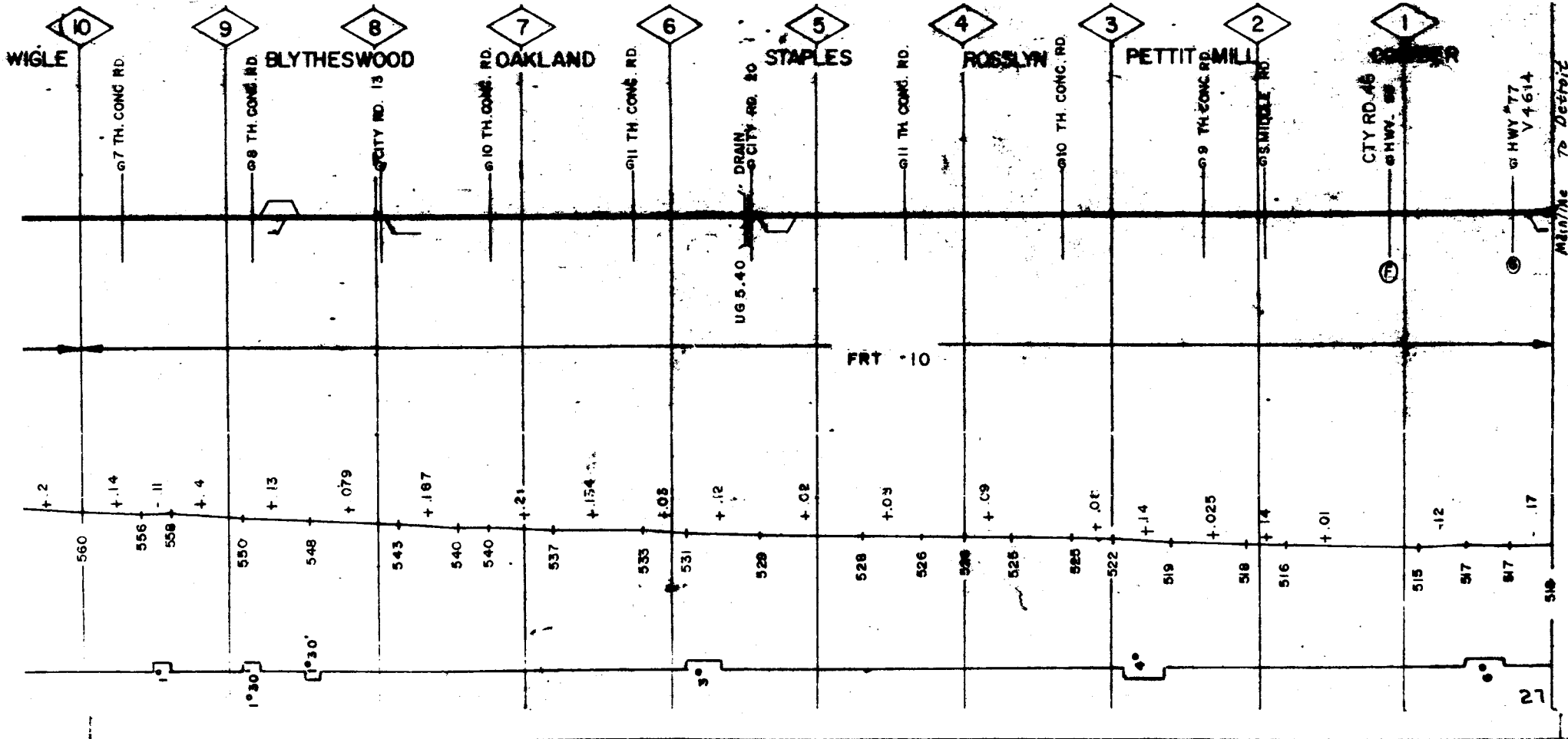
COST CENTER

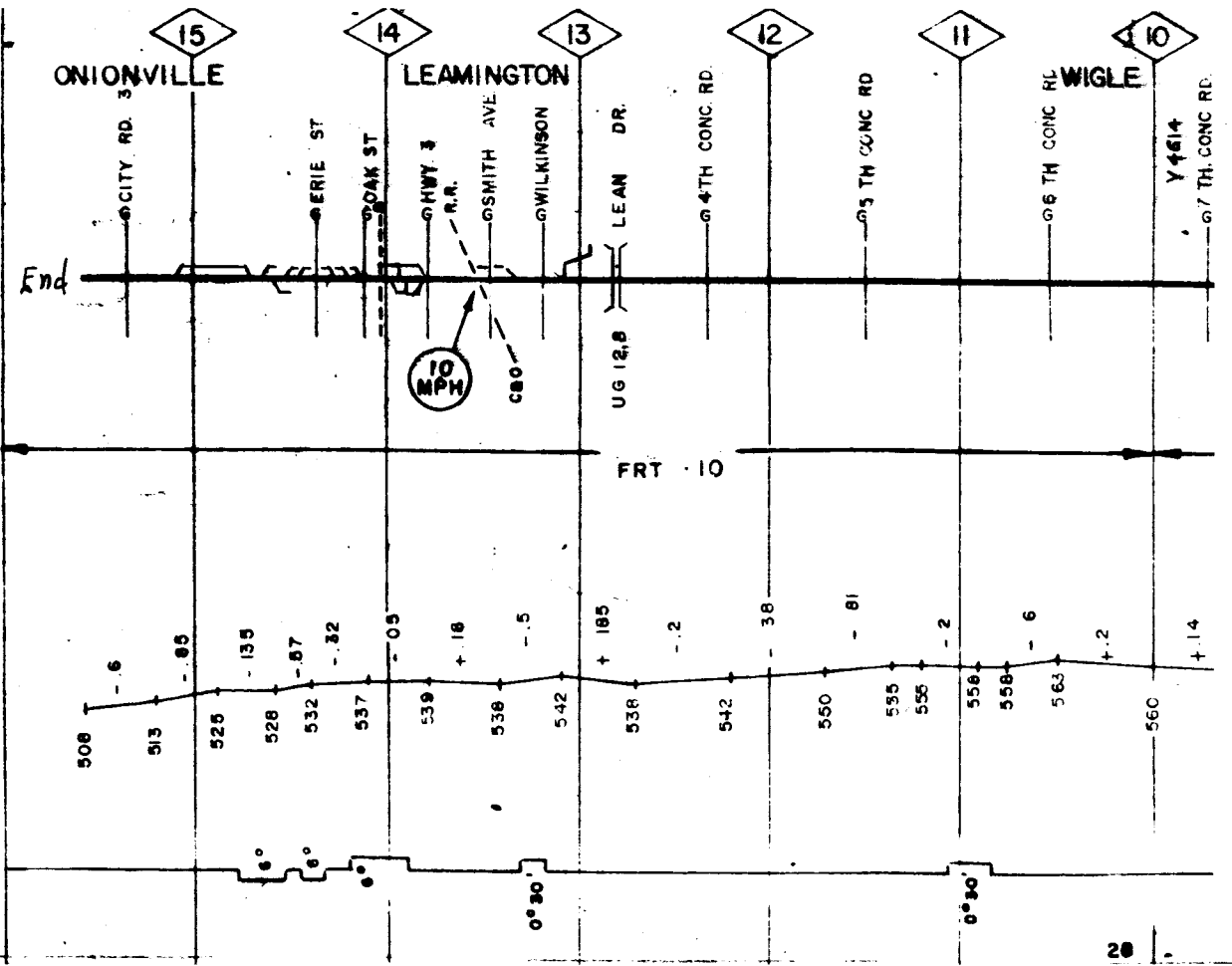


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|-----------|---------|-------|-------|-------|----|
| GRINDING | | | | | |
| WELDING | | | | | |
| SURFACING | 58PL | | | | |
| TIES | 60 63PL | | | | |
| SPRIS | | | | | |
| 0811 | 00-29 | 00-28 | 00-29 | 00-29 | 00 |
| 0811 | 0.5 | | | | |
| 10811 | | | | | |

007

1091 CENTER





| | | | | | |
|----------------|-------|----|-------|-------|-------|
| GRINDING | | | | | |
| WELDING | | | | | |
| SURFACING | | | | | 58PL |
| TIES | | | | | |
| RAIL | | | | | |
| RAIL | 00-29 | 40 | 05-39 | 05-40 | 00-29 |
| RAIL | | | | | |
| CONCRETE (LBS) | | | | 0.5 | |

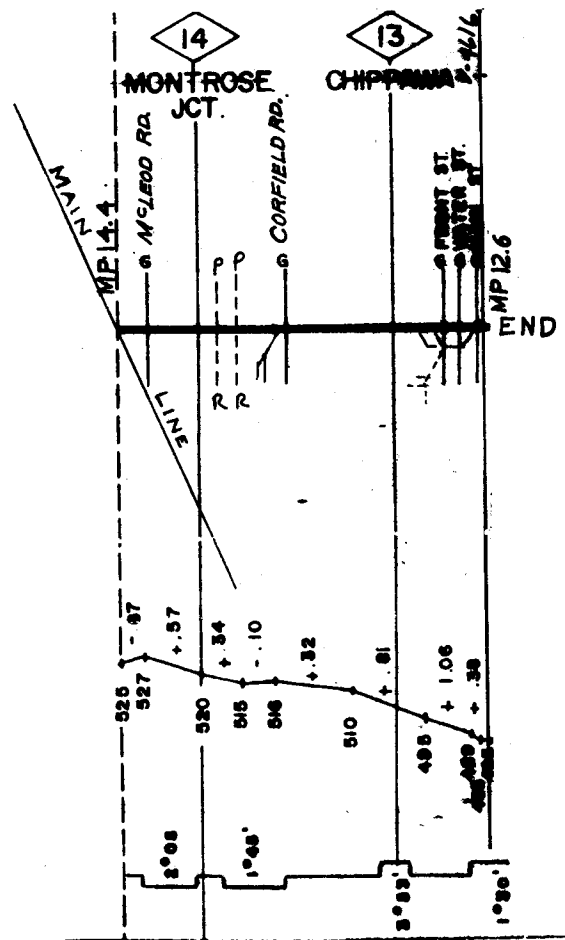
007

COST CENTER

| | | |
|---------------|-------|-------|
| GRINDING | | |
| WELDING | | |
| SURFACING | 592 | |
| TIES | 71 | |
| DRYS | | |
| REIL | 00-22 | 00-27 |
| REIL CLEAN | | |
| TONNAGE (RS1) | 0.4 | |

007

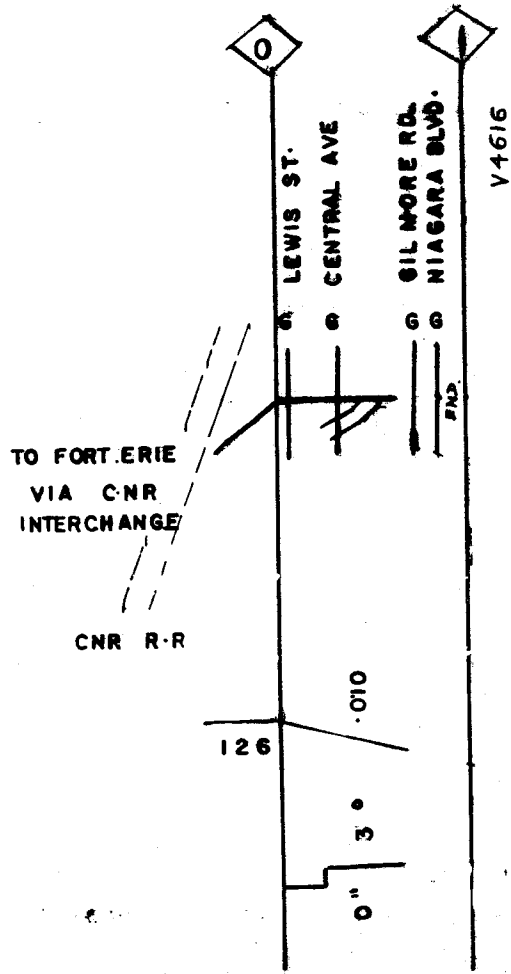
COST CENTER



| | |
|----------------|-------|
| GRINDING | |
| WELDING | |
| SURFACING | |
| FILES | |
| DRILLS | |
| REAMERS | |
| ROCKERS | |
| WHEELS | |
| GRINDERS | |
| WHEELS | |
| (CONTROL UNIT) | U. S. |

007

COST CENTER



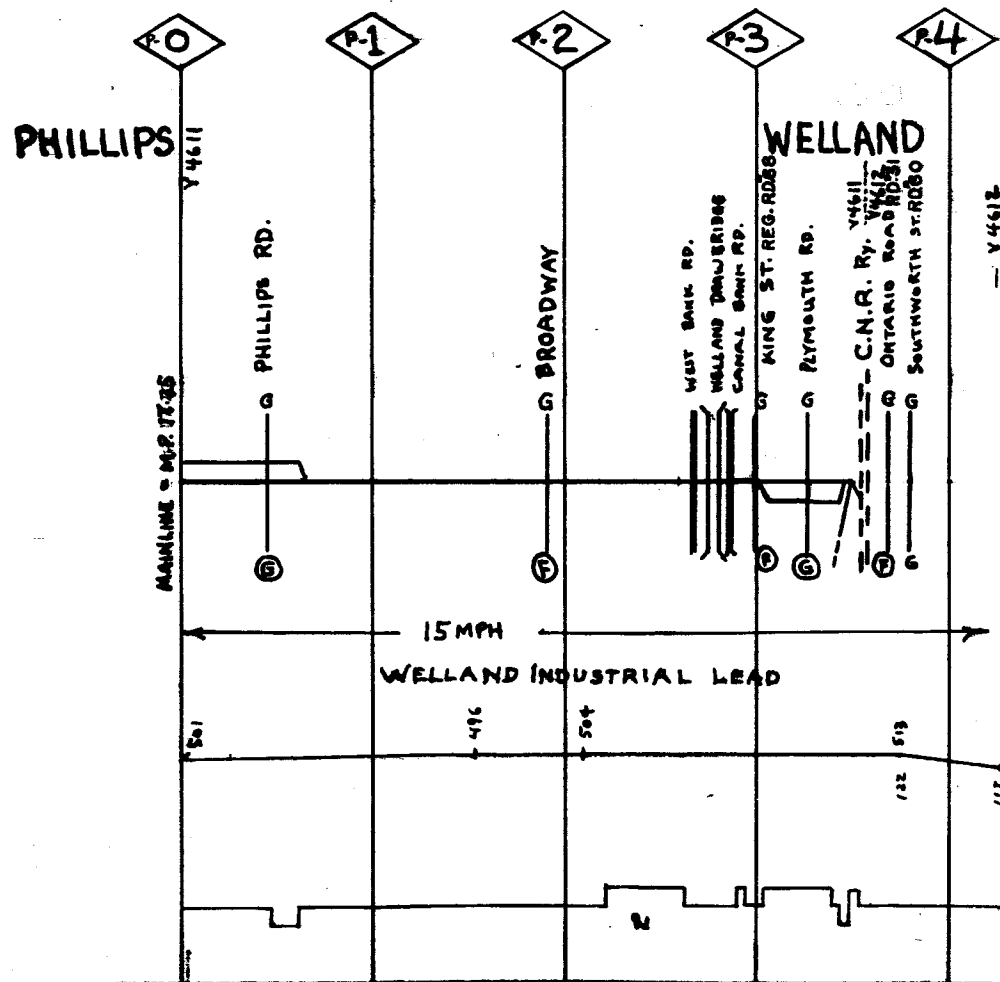
| | |
|---------------|-------|
| GRINDING | 74(2) |
| WELDING | |
| SURFACING | 72E |
| TIES | 72 |
| BARS | 72 |
| REST | 15-72 |
| DIR. CLEAN | |
| (ONNAGE UNCT) | |

WIS

| | | | | | | |
|---------------|-------|-----|-------|-------|-----|-------|
| GRINDING | | | | | | |
| WELDING | | | | | | |
| SURFACING | | | 72E | | | |
| TIES | 72 | | | | | 72 |
| BARS | 72 | | | | | |
| REST | 15-72 | 27- | 27-48 | 27-48 | 27- | 27-73 |
| DIR. CLEAN | 72 | | | 685 | | |
| (ONNAGE UNCT) | | | 0.7 | | | |

WIL

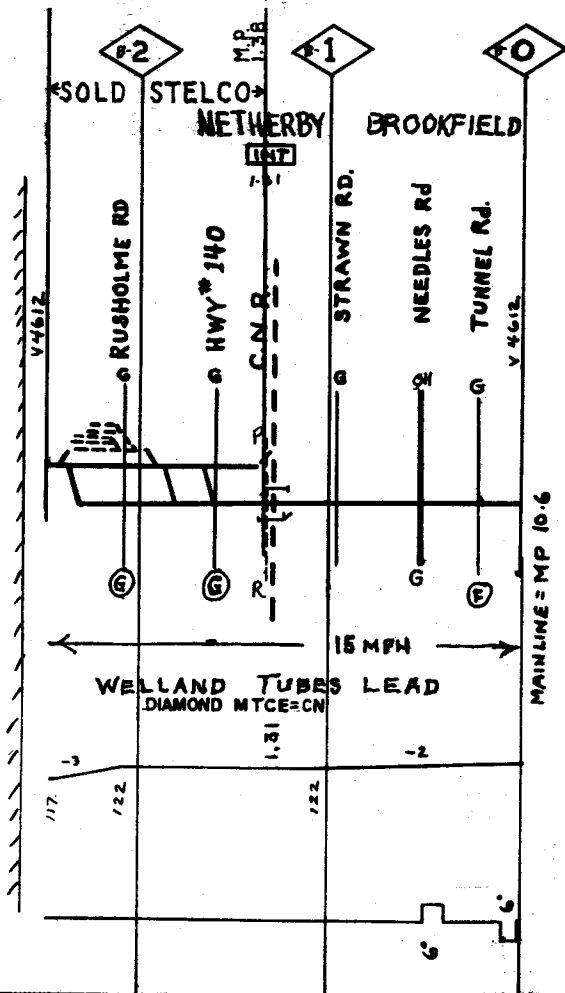
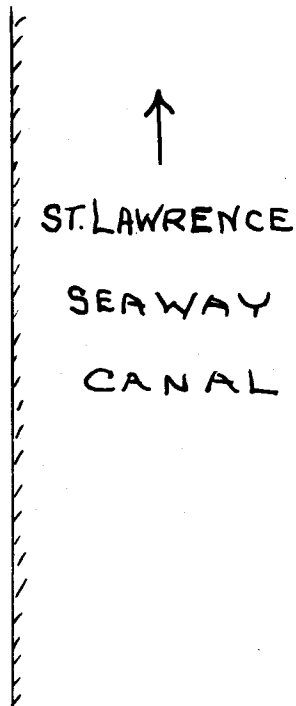
| | |
|-------------|--|
| COST CENTER | |
| COST CENTER | |



| | | |
|---------------|-------|-------|
| DRIVING | | |
| WELDING | | |
| SURFACING | 72K | |
| TIES | 64 | 72K |
| RRS | 64 | 72 |
| HAUL | 27-29 | 27-72 |
| PILE CLEAN | | |
| TONNAGE (MGT) | | |

WTL

COST CENTER



SOLD STELCO
NETHERBY
BROOKFIELD