

06-12-2026 LETTING ITEM 080

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|                      |                           |                    |                       |                |
|----------------------|---------------------------|--------------------|-----------------------|----------------|
| ROUTE NO.<br>FAS 334 | SECTION<br>24-00130-08-WR | COUNTY<br>IROQUOIS | TOTAL SHEETS<br>11    | SHEET NO.<br>1 |
| JOB No: C-93-012-26  |                           |                    | PROJECT No: BZBK(106) |                |

"PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS"

PLANS FOR PROPOSED IMPROVEMENT OF  
FEDERAL AID SECONDARY HIGHWAY 334

INDEX OF SHEETS

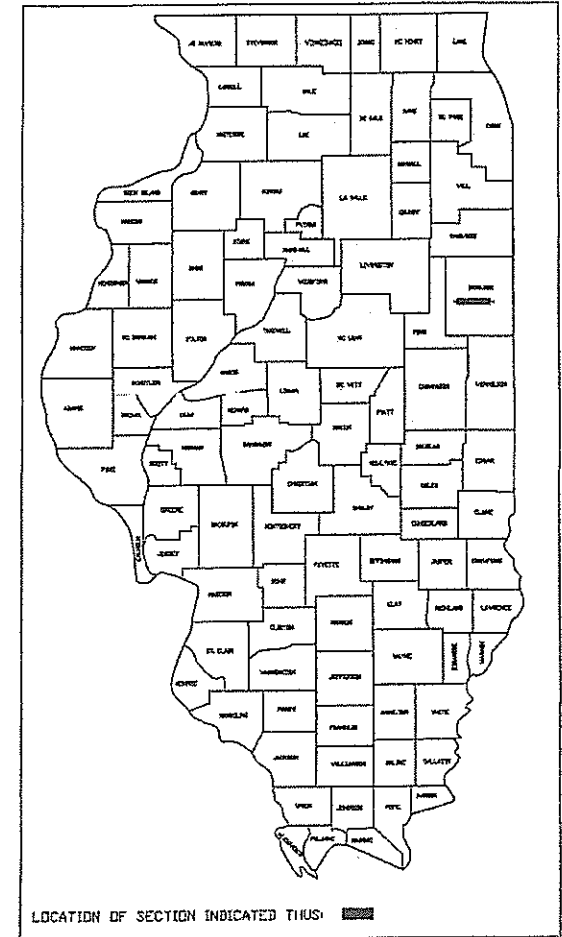
| SHEET NUMBER | DESCRIPTION  |
|--------------|--|
| 1            | COVER SHEET -- LOCATION MAP                            |
| 2            | SUMMARY OF QUANTITIES, GENERAL NOTES,<br>MIXTURE TABLE |
| 3 - 6        | EXISTING & PROPOSED CROSS SECTIONS                     |
| 7            | TYPICAL ENTRANCES, SIDE ROADS, MAIL BOX TURNOUTS       |
| 8-10         | INCIDENTAL HMA SURFACING                               |
| 11           | QUANTITY TABLES<br>RUMBLE STRIP DETAIL                 |

SURFACE TRANSPORTATION PROGRAM - RURAL  
"HMA RESURFACING PROJECT"  
IROQUOIS COUNTY

STANDARDS

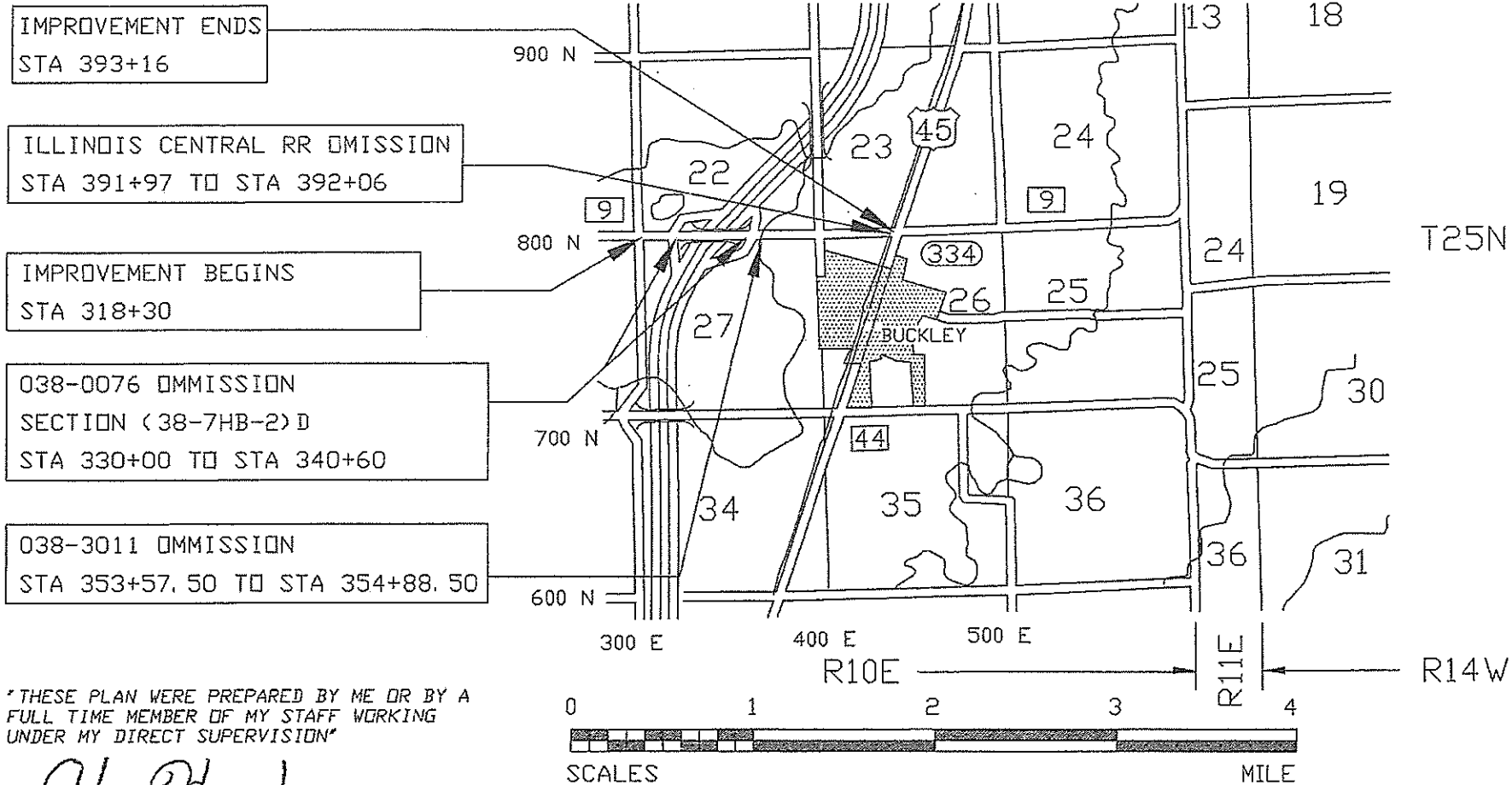
|           |   |
|-----------|---|
| 000001-09 | SYMBOLS AND ABBREVIATIONS   |
| 701301-04 | LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS                                    |
| 701306-04 | LANE CLOSURE, 2L 2W SLOW MOVING OPERATIONS - DAY ONLY<br>FOR SPEEDS >= 45 MPH |
| 701311-03 | LANE CLOSURE, 2L 2W MOVING DAY ONLY OPERATIONS                                |
| 701326-04 | LANE CLOSURE, 2L 2W PAVEMENT WIDENING<br>FOR SPEEDS >= 45 MPH                 |
| 701901-11 | TRAFFIC CONTROL DEVICES   |
| 780001-05 | TYPICAL PAVEMENT MARKINGS   |
| BLR 24-2  | MAILBOX TURNOUT   |

FAS ROUTE 334 (CH 9)  
SECTION: 24-00130-08-WR  
PROJECT NO. BZBK(106)  
JOB NO. C-93-012-26



TOLL FREE JOINT UTILITY LOCATING  
INFORMATION FOR EXCAVATORS (JULIE)  
TELEPHONE NUMBER 1-800-892-0123

IDOT IS NOT A MEMBER OF JULIE.  
THE CONTRACTOR SHALL CONTACT IDOT  
SIGNALS AT 815-434-8506 FOR  
LIGHTING LOCATES AT THE I-57  
INTERCHANGE.



"THESE PLAN WERE PREPARED BY ME OR BY A  
FULL TIME MEMBER OF MY STAFF WORKING  
UNDER MY DIRECT SUPERVISION"

*Alan J. Harwood*

ALAN J. HARWOOD, COUNTY ENGINEER  
ILL. REG. PROF. ENG. #620-062548  
DATE EXPIRES: 11/30/27

GROSS LENGTH = 7,486 FT. = 1.419 MI.  
038-0076 OMISSION = 1,060 FT. = 0.201 MI.  
038-3011 OMISSION = 131 FT. = 0.025 MI.  
IC RR OMISSION = 9 FT. = 0.002 MI.  
NET LENGTH = 6,286 FT. = 1.191 MI.

MAJOR COLLECTOR 2036 ADT = 1,050  
PV = 88% SU = 7% MU = 5%  
DESIGN SPEED = 50 M. P. H. M

Approved *March 27*, 2026  
*Alan Harwood*  
COUNTY ENGINEER

Passed *April 10*, 2026  
*[Signature]*  
DISTRICT THREE LOCAL ROADS AND STREETS ENGINEER

RELEASED FOR BID  
BASED ON LIMITED  
REVIEW  
*Juana Thompson*  
REGION TWO ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONTRACT 87895

|                     |                |           |                       |           |
|---------------------|----------------|-----------|-----------------------|-----------|
| ROUTE NO.           | SECTION        | COUNTY    | TOTAL SHEETS          | SHEET NO. |
| FAS 334             | 24-00130-08-WR | IRROQUOIS | 11                    | 2         |
| JOB No: C-93-012-26 |                |           | PROJECT No: BZBK(106) |           |
| CONTACT 87895       |                |           |                       |           |

## SUMMARY OF QUANTITIES

| PAY ITEM #    | PAY ITEM  | UNIT  | QUANTITY |
|---------------|---|-------|----------|
| SP 20200500   | EARTH EXCAVATION (WIDENING)                               | CU YD | 491      |
| 40600290      | BITUMINOUS MATERIALS (TACK COAT)                          | POUND | 16,125   |
| 40600370      | LONGITUDINAL JOINT SEALANT                                | FOOT  | 10,760   |
| SP 40600405   | MATERIAL TRANSFER DEVICE                                  | TON   | 3,194    |
| 40600982      | HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT                | SQ YD | 958      |
| 40600990      | TEMPORARY RAMP  | SQ YD | 267      |
| SP 40602978   | HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50                | TON   | 1,775    |
| SP 40604050   | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 'C', N50      | TON   | 1,975    |
| 40800050      | INCIDENTAL HOT-MIX ASPHALT SURFACING                      | TON   | 211      |
| SP 44000155   | HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2                     | SQ YD | 18,340   |
| SP 44201827   | CLASS D PATCHES, TYPE II, 15'                             | SQ YD | 276      |
| SP 44201831   | CLASS D PATCHES, TYPE III, 15'                            | SQ YD | 16       |
| SP 48101200   | AGGREGATE SHOULDER, TYPE B                                | TON   | 225      |
| SP 48203100   | HMA SHOULDERS   | TON   | 987      |
| SP 66700205   | PERMANENT SURVEY MARKERS, TYPE 1                          | EACH  | 1        |
| 67100100      | MOBILIZATION  | L SUM | 1        |
| SP 70300100   | SHORT TERM PAVEMENT MARKING                               | FOOT  | 1,887    |
| 70300150      | SHORT TERM PAVEMENT MARKING REMOVAL                       | SQ FT | 210      |
| SP 70300221   | TEMPORARY PAVEMENT MARKING LINE 4' PAINT                  | FOOT  | 14,917   |
| * 78000100    | THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS        | SQ FT | 122      |
| * 78000200    | THERMOPLASTIC PAVEMENT MARKING - LINE 4'                  | FOOT  | 418      |
| * 78000500    | THERMOPLASTIC PAVEMENT MARKING - LINE 8'                  | FOOT  | 365      |
| * 78000600    | THERMOPLASTIC PAVEMENT MARKING - LINE 12'                 | FOOT  | 194      |
| * 78000650    | THERMOPLASTIC PAVEMENT MARKING - LINE 24'                 | FOOT  | 177      |
| * SP 78001110 | PAINT PAVEMENT MARKING - LINE 4'                          | FOOT  | 29,834   |
| * SP 78011000 | GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS & SYMBOLS | SQ FT | 122      |
| * SP 78011025 | GROOVING FOR RECESSED PAVEMENT MARKING 5'                 | FOOT  | 418      |
| * SP 78011045 | GROOVING FOR RECESSED PAVEMENT MARKING 9'                 | FOOT  | 365      |
| * SP 78011065 | GROOVING FOR RECESSED PAVEMENT MARKING 13'                | FOOT  | 194      |
| * SP 78011125 | GROOVING FOR RECESSED PAVEMENT MARKING 25'                | FOOT  | 177      |
| SP X7010216   | TRAFFIC CONTROL AND PROTECTION, (SPECIAL)                 | L SUM | 1        |
| SP Z0048665   | RAILROAD PROTECTIVE LIABILITY INSURANCE                   | L SUM | 1        |
| SP Z0055300   | RUMBLE STRIP  | EACH  | 3        |

SP: SEE SPECIAL PROVISIONS  
\* SPECIALTY ITEM

## MIXTURE TABLE

|                            | HMA SHOULDERS              | HMA BINDER                 | HMA SURFACE      | INCIDENTAL HMA             | INCIDENTAL HMA             |
|----------------------------|----------------------------|----------------------------|------------------|----------------------------|----------------------------|
| PG GRADE                   | PG64-22                    | PG64-22                    | PG64-22          | SBS PG70-28                | PG64-22                    |
| DESIGN AIR VOIDS           | 4.0% @ N50                 | 4.0% @ N50                 | 4.0% @ N50       | 4.0% @ N90                 | 4.0% @ N50                 |
| MIXTURE COMPOSITION        | IL 19.0                    | IL 9.5                     | IL 9.5           | IL 9.5                     | IL 9.5                     |
| FRICTION AGGREGATE         | N/A                        | N/A                        | MIXTURE C        | MIXTURE D                  | MIXTURE C                  |
| DENSITY TEST METHOD        | CORES                      | NUCLEAR                    | NUCLEAR          | CORES                      | SATISFACTION OF ENGINEER   |
| MIXTURE WEIGHT             | 112#/Sq. Yd./In.           | 112#/Sq. Yd./In.           | 112#/Sq. Yd./In. | 112#/Sq. Yd./In.           | 112#/Sq. Yd./In.           |
| QUALITY MANAGEMENT PROGRAM | QC/QA                      | QC/QA                      | QC/QA            | QC/QA                      | QC/QA                      |
| SUBLUT SIZE                | N/A                        | N/A                        | N/A              | N/A                        | N/A                        |
| MATERIAL TRANSFER DEVICE   | REQUIRED                   | REQUIRED                   | REQUIRED         | N/A                        | N/A                        |
| LOCATION(S)                | STA. 351+96 TO STA. 391+98 | STA. 351+80 TO STA. 391+78 | ENTIRE PROJECT   | STA. 325+00 TO STA. 345+00 | STA. 345+00 TO STA. 393+16 |

## GENERAL NOTES

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE TYPICAL X-SECTION IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

## SECTION NOTES

THE PROPOSED IMPROVEMENT CONSISTS OF A HOT-MIX ASPHALT SURFACE COURSE INCLUDING BINDER COURSE, SHOULDER STONE AND ALL WORK NECESSARY TO COMPLETE THE PROJECT ACCORDING TO THE PLANS AND SPECIFICATIONS.

COUNTY HIGHWAY 4 IS A COMBINATION OF SECTIONS: 130G, 38-7HB-2, ADDENDUM TO FAI ROUTE 57 SECTION 38-7, 86-00130-05-RS, 98-00130-06-WR & (38-7HB-2D)

## APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUALITIES:

|                                  |            |                         |
|----------------------------------|------------|-------------------------|
| GRANULAR MATERIALS               | 2.05       | TONS/CU YD              |
| BITUMINOUS MATERIALS TACK COAT   | 0.05/0.025 | LBS/SQ FT               |
| HOT MIX ASPHALT SURFACE COURSE   | 112        | LBS/SQ YD/INCH          |
| BINDER COURSE, IL-9.5, N50       | 112        | LBS/SQ YD/INCH          |
| BINDER COURSE, IL-19.0, N50      | 112        | LBS/SQ YD/INCH          |
| SHORT TERM PAVEMENT MARKING      | 4          | FT/40 FT OF APPLICATION |
| PAINT PAVEMENT MARKING - LINE 4' | 10         | FT/40 FT OF APPLICATION |

## PAVEMENT DESIGN - CH 9

STRUCTURAL DESIGN TRAFFIC: YEAR 2036  
 PV= 924 (88%) SU= 74 (7%) MU= 52 (5%)  
 ROAD CLASSIFICATION CLASS III  
 TRAFFIC FACTOR: ACTUAL TF = 0.390 AC TYPE = PG 64-22  
 SN<sub>F</sub> = 2.7  
 PG GRADE: BINDER = PG 64-22 SURFACE = PG 64-22  
 SUB GRADE SUPPORT RATING:  
 IBV = 3.0 (STA. 318+ TO 351+70)

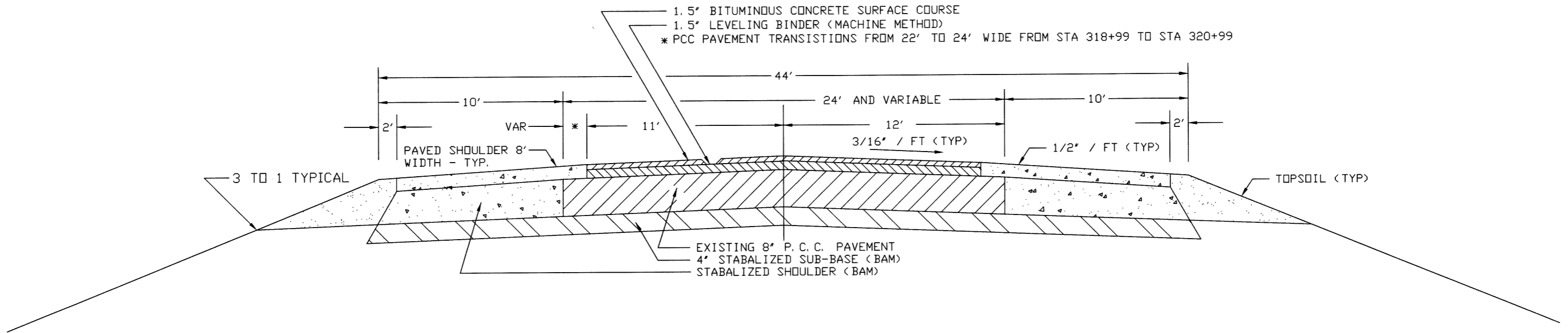
## PAVEMENT DESIGN - CH 9

STRUCTURAL DESIGN TRAFFIC: YEAR 2036  
 PV= 924 (88%) SU= 74 (7%) MU= 52 (5%)  
 ROAD CLASSIFICATION CLASS III  
 TRAFFIC FACTOR: ACTUAL TF = 0.282 AC TYPE = PG 64-22  
 SN<sub>F</sub> = 3.4  
 PG GRADE: BINDER = PG 64-22 SURFACE = PG 64-22  
 SUB GRADE SUPPORT RATING:  
 IBV = 3.0 (STA. 351+80 TO 393+16)

EXISTING TYPICAL SECTION 1

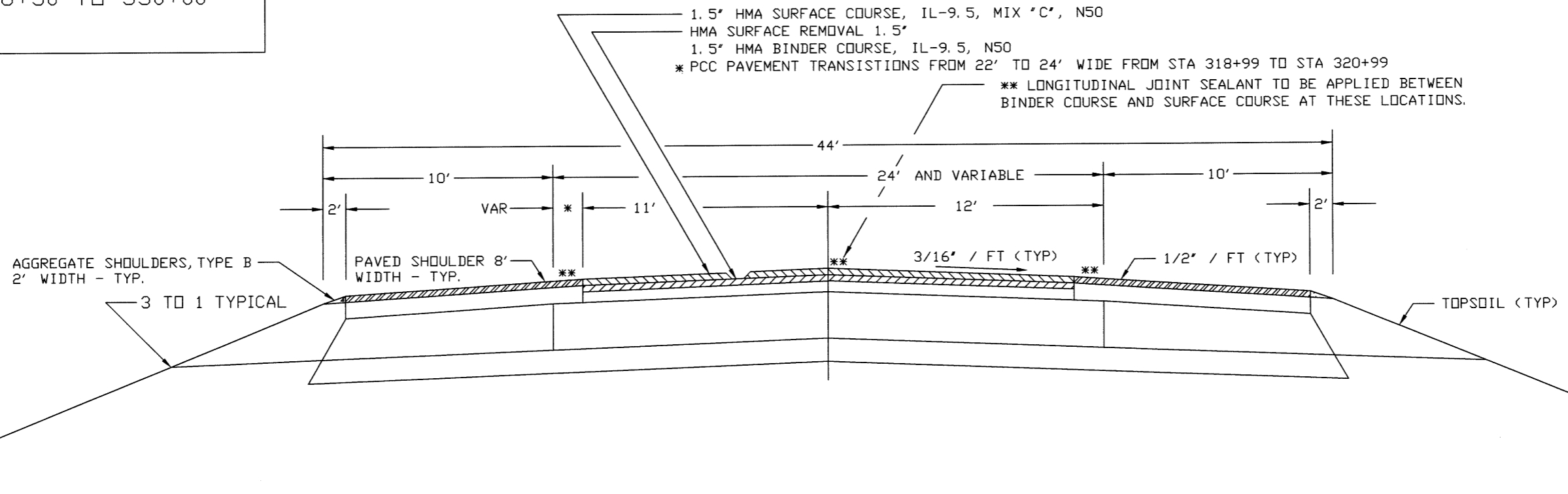
STATION 318+30 TO 330+00

| ROUTE NO.           | SECTION        | COUNTY    | TOTAL SHEETS          | SHEET NO. |
|---------------------|----------------|-----------|-----------------------|-----------|
| FAS 334             | 24-00130-08-WR | IRROQUOIS | 11                    | 3         |
| JOB No: C-93-012-26 |                |           | PROJECT No: BZBK(106) |           |
| CONTACT 87895       |                |           |                       |           |



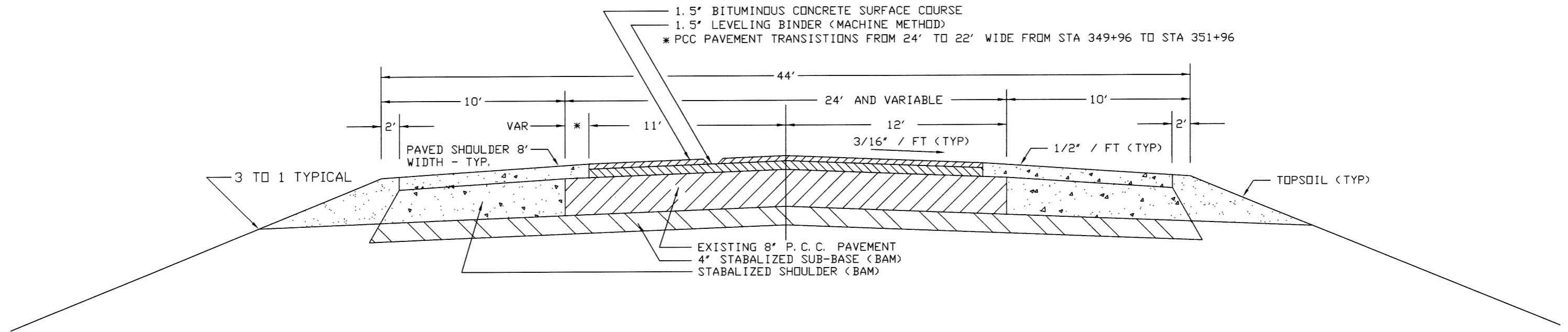
PROPOSED TYPICAL SECTION 1

STATION 318+30 TO 330+00

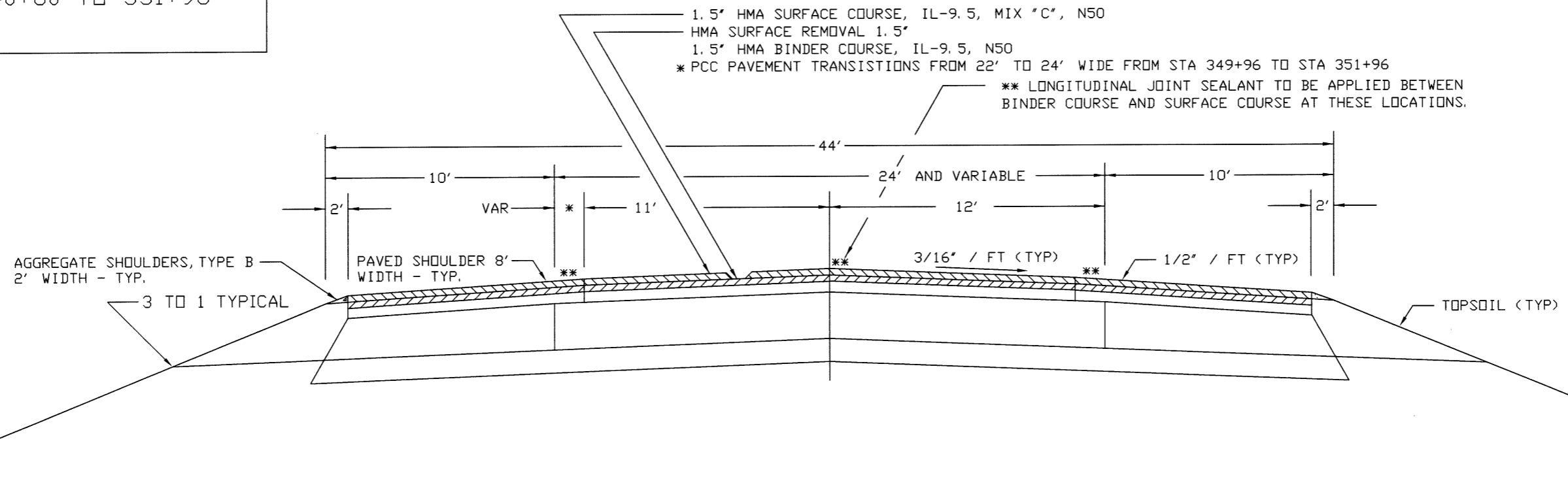


EXISTING TYPICAL SECTION 2  
STATION 340+60 TO 351+96

| ROUTE NO.           | SECTION        | COUNTY    | TOTAL SHEETS          | SHEET NO. |
|---------------------|----------------|-----------|-----------------------|-----------|
| FAS 334             | 24-00130-08-WR | IRROQUOIS | 11                    | 4         |
| JOB No: C-93-012-26 |                |           | PROJECT No: BZBK(106) |           |
| CONTACT 87895       |                |           |                       |           |

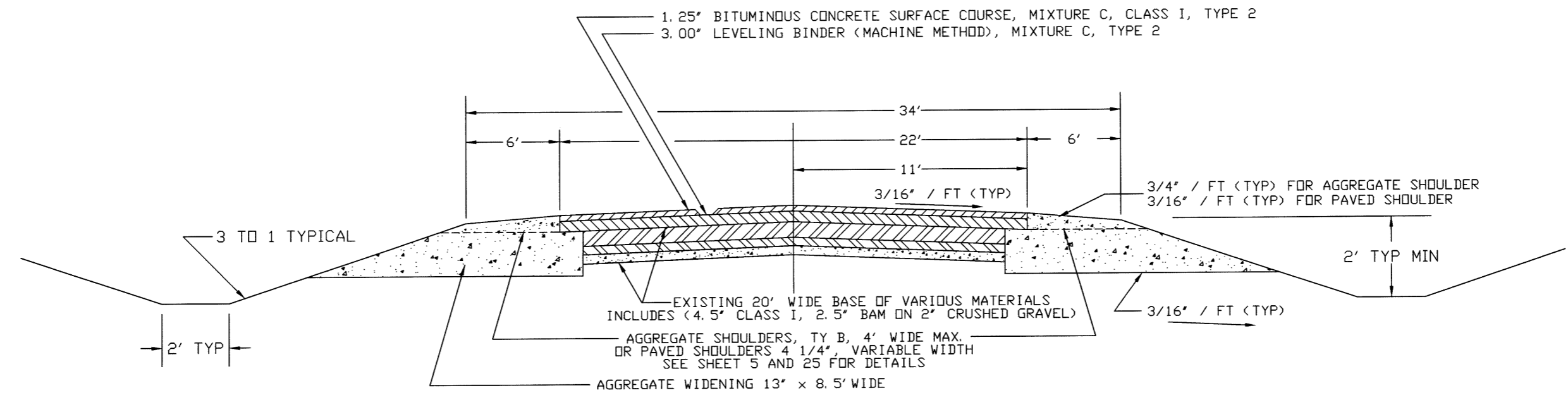


PROPOSED TYPICAL SECTION 2  
STATION 340+60 TO 351+96

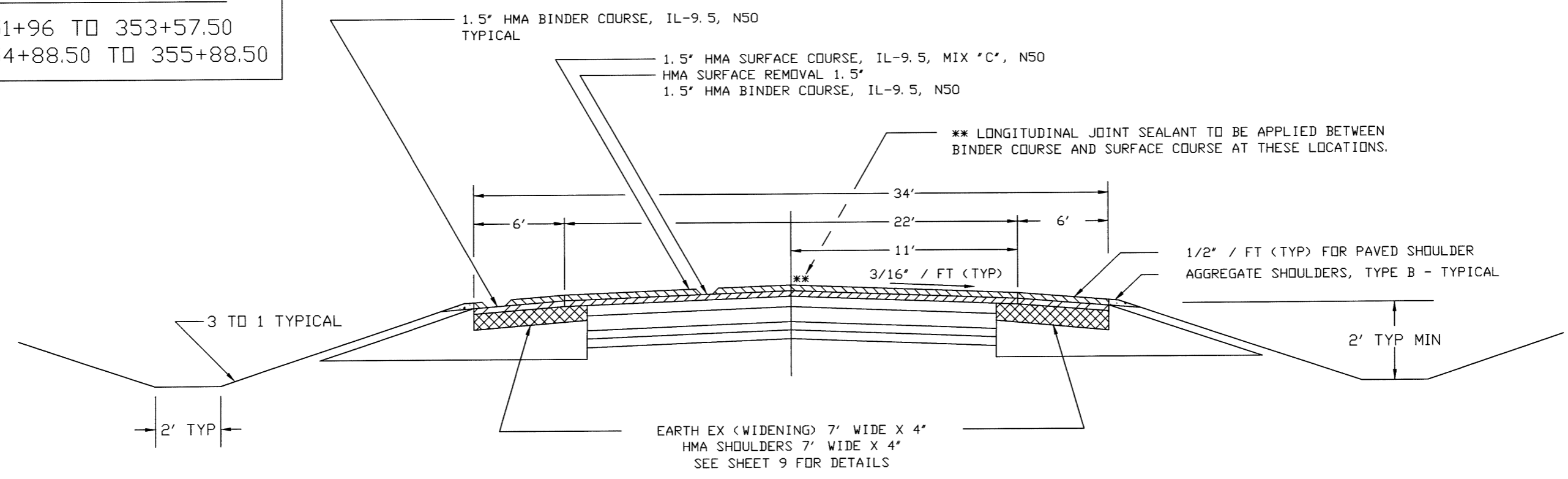


|                     |                |           |                       |           |
|---------------------|----------------|-----------|-----------------------|-----------|
| ROUTE NO.           | SECTION        | COUNTY    | TOTAL SHEETS          | SHEET NO. |
| FAS 334             | 24-00130-08-WR | IRROQUOIS | 11                    | 5         |
| JOB No: C-93-012-26 |                |           | PROJECT No: BZBK(106) |           |
| CONTACT 87895       |                |           |                       |           |

**EXISTING TYPICAL SECTION 3**  
 STATION 351+96 TO 353+57.50  
 STATION 354+88.50 TO 355+88.50

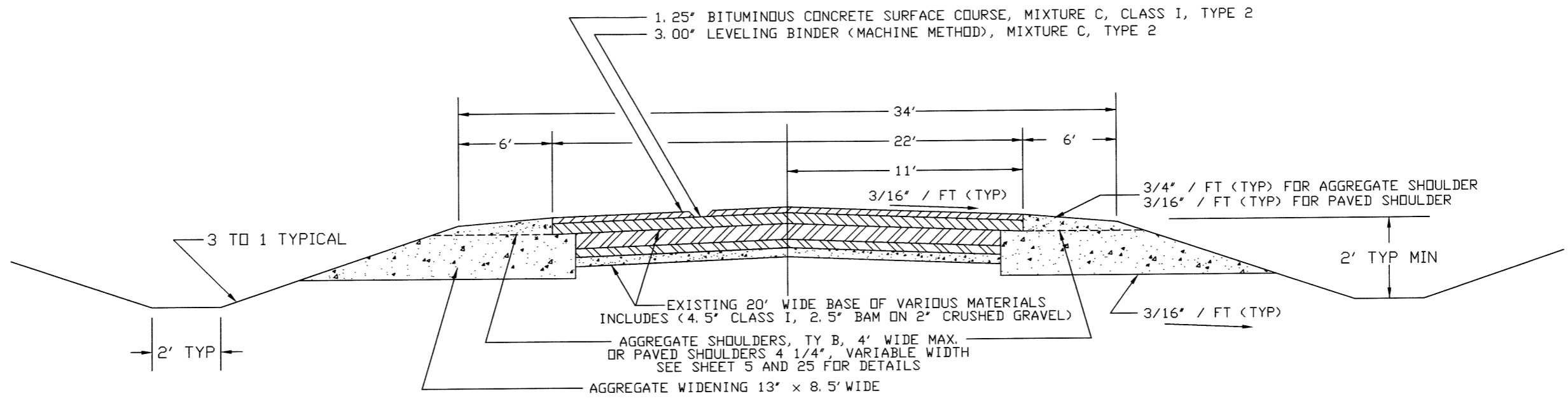


**PROPOSED TYPICAL SECTION 3**  
 STATION 351+96 TO 353+57.50  
 STATION 354+88.50 TO 355+88.50

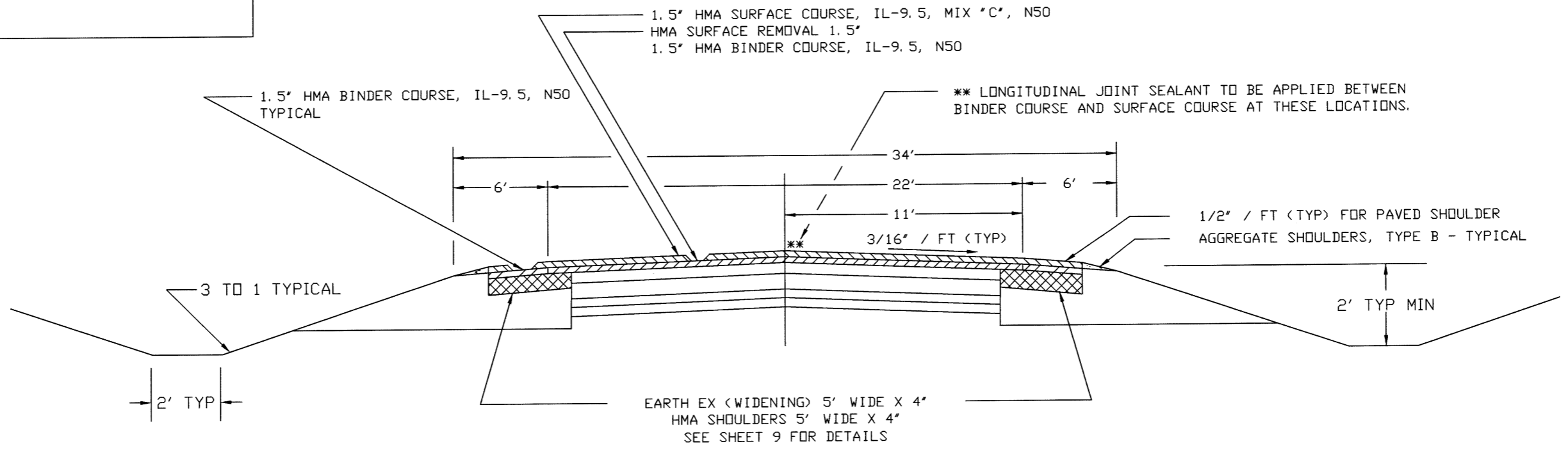


|                     |                |           |                       |           |
|---------------------|----------------|-----------|-----------------------|-----------|
| ROUTE NO.           | SECTION        | COUNTY    | TOTAL SHEETS          | SHEET NO. |
| FAS 334             | 24-00130-08-WR | IRROQUOIS | 11                    | 6         |
| JOB No: C-93-012-26 |                |           | PROJECT No: BZBK(106) |           |
| CONTACT 87895       |                |           |                       |           |

EXISTING TYPICAL SECTION 4  
STATION 355+88.50 TO 391+97



PROPOSED TYPICAL SECTION 4  
STATION 355+88.50 TO 391+97



A+C = RADIUS ON MAINLINE SHOWN AS SIDE = VAR  
 ALL SIDE ROAD INTERSECTION ARE 18' WIDE UNLESS  
 INDICATED WITH A \* OR \*\*.  
 A+B+C = TYPICAL SIDE ROAD INTERSECTION

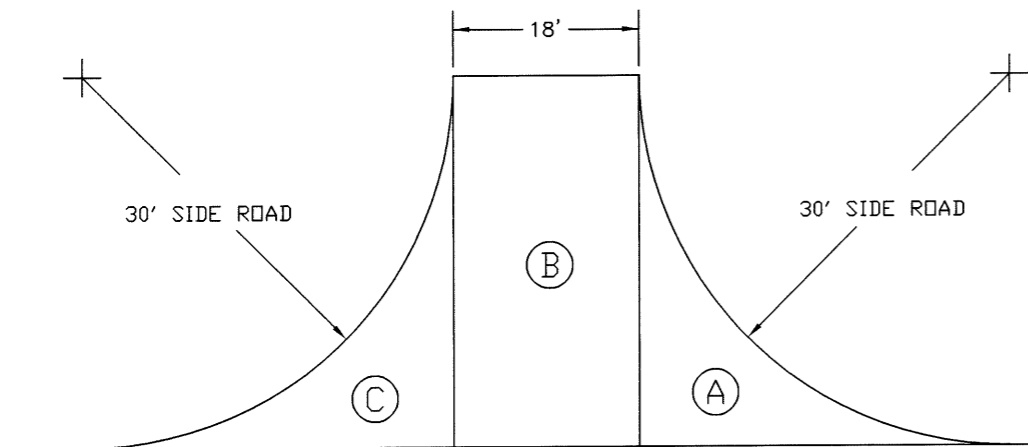
48101200  
 AGGREGATE SHOULDERS, TYPE B

|                     |                |           |                       |           |
|---------------------|----------------|-----------|-----------------------|-----------|
| ROUTE NO.           | SECTION        | COUNTY    | TOTAL SHEETS          | SHEET NO. |
| FAS 334             | 24-00130-08-WR | IRROQUOIS | 11                    | 7         |
| JOB No: C-93-012-26 |                |           | PROJECT No: BZBK(106) |           |
| CONTRACT 87895      |                |           |                       |           |

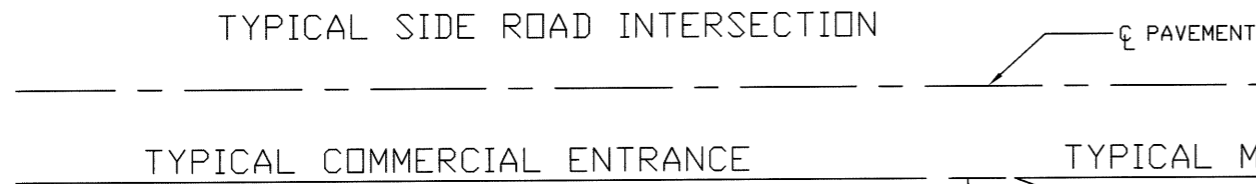
|                         |     |
|-------------------------|-----|
| MAINLINE QUANTITY       | 165 |
| TYPICAL FIELD ENTRANCES | 60  |
| TOTAL                   | 225 |

TYPICAL FIELD ENTRANCE

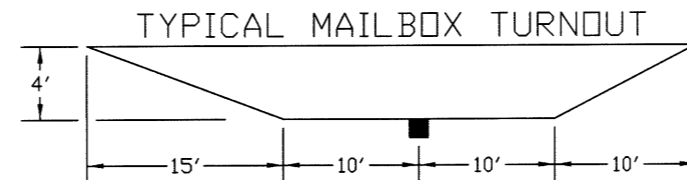
| STATION | SIDE | TON |
|---------|------|-----|
| 319+50  | LT   | 10  |
| 351+25  | RT   | 10  |
| 363+12  | RT   | 10  |
| 380+58  | RT   | 10  |
| 391+00  | LT   | 10  |
| 391+05  | RT   | 10  |
| TOTALS  |      | 60  |



TYPICAL SIDE ROAD INTERSECTION



TYPICAL COMMERCIAL ENTRANCE



TYPICAL MAILBOX TURNOUT

NOTE: AGGREGATE SHALL BE PLACED AROUND ALL COMMERCIAL ENTRANCES, MAIL BOX TURNOUTS, SIDE ROAD INTERSECTIONS, AND INTERSTATE RAMP TRANSITIONS AND SHALL BE CONSIDERED INCIDENTAL TO AGGREGATE SHOULDERS, TYPE B AND PLACED AS DIRECTED BY THE ENGINEER. THIS QUANTITY IS INCLUDED IN THE AGGREGATE SHOULDERS, TYPE B TOTAL QUANTITY.

TYPICAL INTERSTATE RAMP \*\*

| STATION                   | SIDE | SQ. YD. | TON |
|---------------------------|------|---------|-----|
| SB EXIT RAMP - 328+86     | LT   | 200     | 17  |
| SB ENTRANCE RAMP - 329+60 | RT   | 171     | 15  |
| NB ENTRANCE RAMP - 341+43 | LT   | 171     | 15  |
| NB EXIT RAMP - 341+60     | RT   | 219     | 19  |
| TOTALS                    |      | 761     | 66  |

TYPICAL INTERSECTION

| STATION          | SIDE | SQ. YD. | TON |
|------------------|------|---------|-----|
| 370+52           | RT   | 103     | 14  |
| 370+52           | LT   | 103     | 14  |
| 392+15 TO 393+16 | VAR  | 480     | 42  |
| TOTALS           |      | 686     | 70  |

40800050  
 INCIDENTAL HMA SURFACING

|                                     |      |
|-------------------------------------|------|
| TYPICAL INTERSECTIONS & SIDE ROADS  | 70   |
| TYPICAL INTERSTATE RAMP TRANSITIONS | 66** |
| TYPICAL COMMERCIAL ENTRANCES        | 69   |
| TYPICAL MAILBOX TURNOUTS            | 6    |
| TOTAL                               | 211  |

40600982 - HMA SURFACE  
 REMOVAL BUTT JOINT

| STATION                   | SIDE | SQ. YD. |
|---------------------------|------|---------|
| SB EXIT RAMP - 328+86     | LT   | 200     |
| SB ENTRANCE RAMP - 329+60 | RT   | 171     |
| NB ENTRANCE RAMP - 341+43 | LT   | 171     |
| NB EXIT RAMP - 341+60     | RT   | 219     |
| 349+72                    | LT   | 122     |
| 388+91                    | RT   | 75      |
| TOTALS                    |      | 958     |

TYPICAL COMMERCIAL ENTRANCE

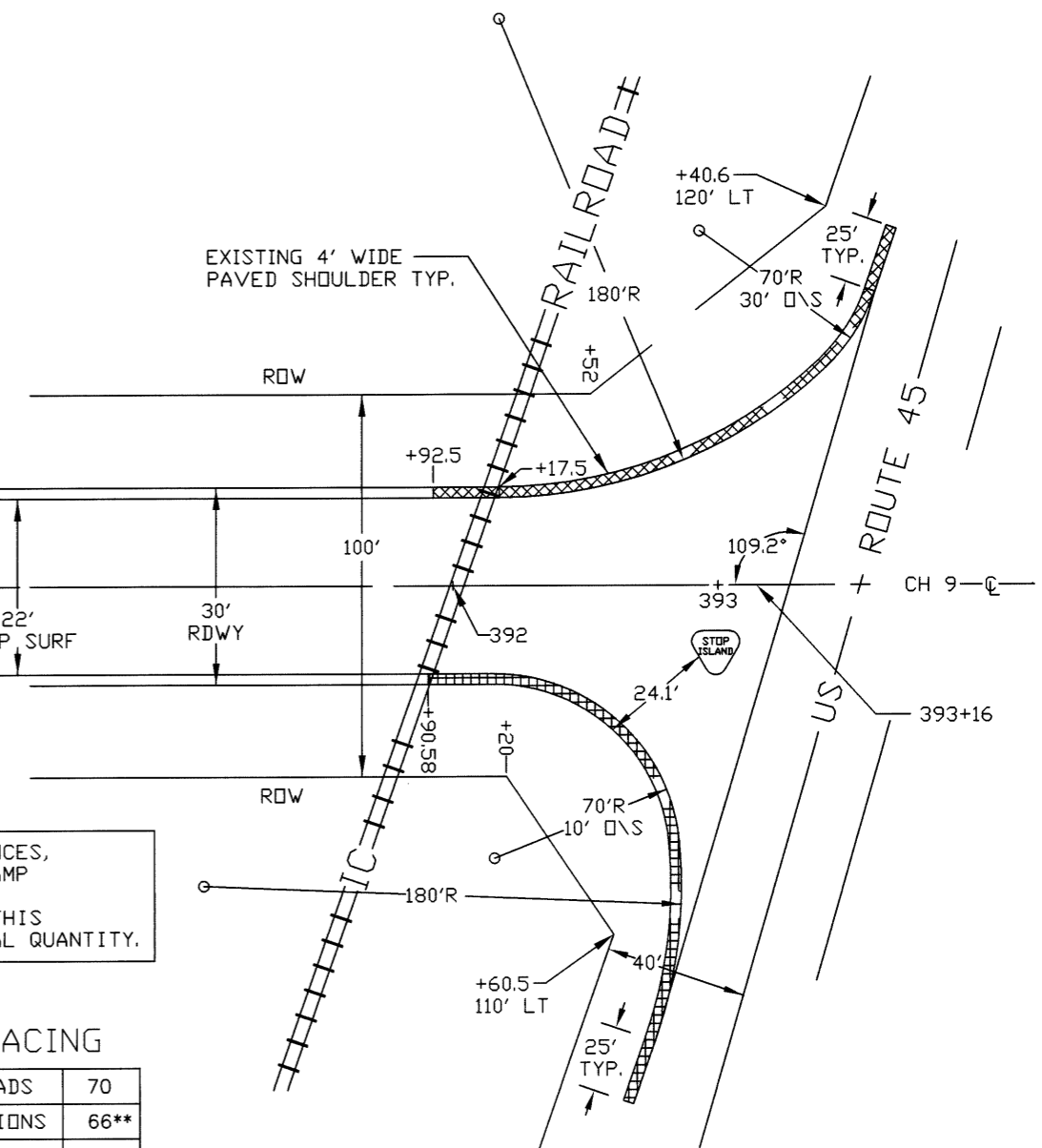
| STATION | SIDE | SQ. YD. | TON |
|---------|------|---------|-----|
| *349+72 | LT   | 138     | 11  |
| 351+25  | LT   | 103     | 19  |
| 356+70  | LT   | 85      | 9   |
| 358+13  | LT   | 93      | 11  |
| 362+57  | LT   | 93      | 11  |
| 388+91  | RT   | 80      | 8   |
| TOTALS  |      | 592     | 69  |

TYPICAL MAILBOX TURNOUT

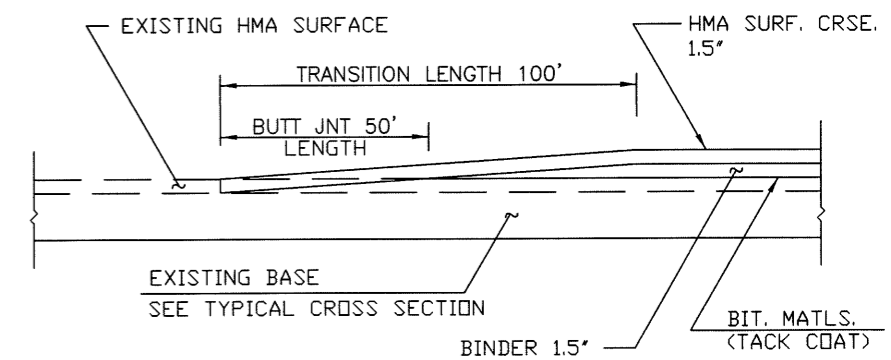
| STATION | SIDE | SQ. YD. | TON |
|---------|------|---------|-----|
| 350+92  | LT   | 10      | 3   |
| 388+98  | LT   | 10      | 3   |
| TOTALS  |      | 20      | 6   |

\*\* MIX AT INTERSTATE RAMP SHALL BE  
 SBS PG70-28 N90.

DEPTH OF BUTT JOINT WITH THE EXISTING PAVEMENT  
 SHALL BE A MINIMUM OF 1.5" DEEP OR AS DIRECTED  
 BY THE RESIDENT ENGINEER.



TRANSITION - BUTT JOINT - BIT. SURFACE REMOVAL



HMA SURFACE REMOVAL 1.5"  
 HMA SURFACE REMOVAL FROM STA 392+06 TO  
 STA 393+16 INCLUDING SHOULDERS AND RADII = 741 SQ YD

|                     |                |           |                       |           |
|---------------------|----------------|-----------|-----------------------|-----------|
| ROUTE No:           | SECTION        | COUNTY    | TOTAL SHEETS          | SHEET NO. |
| FAS 334             | 24-00130-08-WR | IRROQUOIS | 11                    | 8         |
| JOB No: C-93-012-26 |                |           | PROJECT No: BZBK(106) |           |

CONTRACT 87895

40600370  
LONGITUDINAL JOINT SEAL

| STATION             | FOOT    |
|---------------------|---------|
| CENTERLINE          |         |
| 318+30 TO 330+00    | 1,170   |
| 340+60 TO 353+57.50 | 1,297.5 |
| 354+88.50 TO 391+97 | 3,708.5 |
| 392+46 TO 393+16    | 110     |
| LANE / SHOULDER     |         |
| 318+99 TO 330+00 LT | 1,101   |
| 318+99 TO 330+00 RT | 1,101   |
| 340+60 TO 351+96 LT | 1,136   |
| 340+60 TO 351+96 RT | 1,136   |
| TOTAL =             | 10,760  |

66700205  
PERMANENT SURVEY MARKERS  
TYPE 1

| STATION | EACH |
|---------|------|
| 370+52  | 1    |
| TOTAL = | 1    |

SCHEDULE - CLASS D PATCHING 15"

| LOCATION BY STATION | WESTBOUND LANE   |                   | EASTBOUND LANE    |                  |               |
|---------------------|------------------|-------------------|-------------------|------------------|---------------|
|                     | TYPE II<br>SQ YD | PATCH             |                   | TYPE II<br>SQ YD |               |
|                     |                  | TYPE III<br>SQ YD | TYPE III<br>SQ YD |                  |               |
| 319+28 LT           | 5.3              |                   |                   |                  |               |
| 319+83 RT           |                  |                   | 5.3               |                  |               |
| 319+84 LT           | 5.3              |                   |                   |                  |               |
| 320+26 LT           | 5.3              |                   |                   |                  |               |
| 320+26 RT           |                  |                   | 5.3               |                  |               |
| 320+69 LT           | 5.3              |                   |                   |                  |               |
| 320+69 RT           |                  |                   | 5.3               |                  |               |
| 322+79 LT           | 5.3              |                   |                   |                  |               |
| 322+79 RT           |                  |                   | 5.3               |                  |               |
| 324+30 LT           | 5.3              |                   |                   |                  |               |
| 324+30 RT           |                  |                   | 5.3               |                  |               |
| 326+31 LT           | 8.0              |                   |                   |                  |               |
| 326+31 RT           |                  |                   | 8.0               |                  |               |
| 328+26 RT           |                  |                   | 5.3               |                  |               |
| 328+29 LT           | 5.3              |                   |                   |                  |               |
| 329+00 LT           | 5.3              |                   |                   |                  |               |
| 329+00 RT           |                  |                   | 5.3               |                  |               |
| 329+14 RT           |                  |                   | 5.3               |                  |               |
|                     |                  |                   |                   |                  |               |
| 341+14 RT           |                  |                   | 5.3               |                  |               |
| 341+16 LT           | 5.3              |                   |                   |                  |               |
| 341+53 RT           |                  |                   | 5.3               |                  |               |
| 341+56 LT           | 8.0              |                   |                   |                  |               |
| 342+36 LT           | 5.3              |                   |                   |                  |               |
| 342+36 RT           |                  |                   | 5.3               |                  |               |
| 342+51 RT           |                  |                   | 5.3               |                  |               |
| 342+57 LT           |                  | 16.0              |                   |                  |               |
| 343+16 RT           |                  |                   | 8.0               |                  |               |
| 343+78 RT           |                  |                   | 5.3               |                  |               |
| 343+80 LT           | 5.3              |                   |                   |                  |               |
| 344+47 LT           | 5.3              |                   |                   |                  |               |
| 344+47 RT           |                  |                   | 5.3               |                  |               |
| 347+37 RT           |                  |                   | 5.3               |                  |               |
| 347+66 LT           | 5.3              |                   |                   |                  |               |
| 347+93 RT           |                  |                   | 5.3               |                  |               |
| 347+96 LT           | 5.3              |                   |                   |                  |               |
| 348+46 LT           | 5.3              |                   |                   |                  |               |
| 348+46 RT           |                  |                   | 5.3               |                  |               |
| 348+90 LT           | 5.3              |                   |                   |                  |               |
| 348+90 RT           |                  |                   | 5.3               |                  |               |
| 349+20 LT           | 5.3              |                   |                   |                  |               |
| 349+20 RT           |                  |                   | 5.3               |                  |               |
| 349+38 LT           | 5.3              |                   |                   |                  |               |
| 349+38 RT           |                  |                   | 5.3               |                  |               |
| 349+53 LT           | 5.3              |                   |                   |                  |               |
| 349+53 RT           |                  |                   | 5.3               |                  |               |
| 349+69 RT           |                  |                   | 5.3               |                  |               |
| 350+20 LT           | 5.3              |                   |                   |                  |               |
| 350+20 RT           |                  |                   | 5.3               |                  |               |
| 350+75 LT           | 8.0              |                   |                   |                  |               |
| 350+75 RT           |                  |                   | 8.0               |                  |               |
| TOTALS              | 130.0            |                   | 145.9             |                  |               |
| TYPE II TOTALS      | 130.0            |                   | 145.9             |                  | = 276.0 SQ YD |
| TYPE III TOTALS     |                  | 16.0              | 0.0               |                  | = 16.0 SQ YD  |

40600990  
TEMPORARY RAMP

| STATION TO STATION        | SQ. YDS.   |
|---------------------------|------------|
| 318+30 TO 318+36          | 13         |
| 328+86 LT (SB EXIT RAMP)  | 20         |
| 329+04 RT (SB ENTER RAMP) | 20         |
| 329+94 TO 330+00          | 16         |
| 340+60 TO 340+66          | 16         |
| 341+60 RT (NB EXIT RAMP)  | 20         |
| 341+43 LT (NB ENTER RAMP) | 20         |
| 353+51.50 TO 353+57.50    | 15         |
| 354+88.50 TO 354+94.50    | 15         |
| 388+91 RT                 | 13         |
| 391+91 TO 391+97          | 16         |
| 392+06 TO 392+12          | 16         |
| 393+10 TO 393+16          | 67         |
| <b>TOTAL =</b>            | <b>267</b> |

44000155  
HMA SURFACE REMOVAL 1 1/2"

| STATION TO STATION  | WIDTH | SQ. YDS.      |
|---------------------|-------|---------------|
| 318+30 TO 318+99    | 20    | 153           |
| 318+99 TO 330+00    | 24    | 2,936         |
| 340+60 TO 351+96    | 24    | 3,029         |
| 340+60 TO 351+96 LT | 8     | 1,010         |
| 340+60 TO 351+96 RT | 8     | 1,010         |
| 351+96 TO 353+57.50 | 22    | 396           |
| 354+88.50 TO 391+97 | 22    | 9,065         |
| 392+06 TO 393+16    | VAR   | 741*          |
| <b>TOTAL =</b>      |       | <b>18,340</b> |

\* INCLUDES QUANTITY FOR INTERSECTION RADII

20200500  
EARTH EXCAVATION  
(WIDENING)

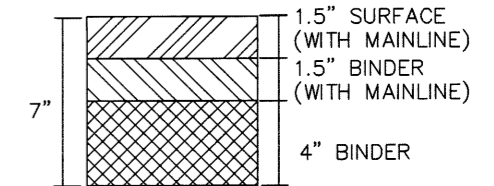
| STATION                   | WIDTH | CU YD      |
|---------------------------|-------|------------|
| 351+96 TO 353+57.50 LT    | 7     | 14         |
| 351+96 TO 353+57.50 RT    | 7     | 14         |
| 354+88.50 TO 355+88.50 LT | 7     | 9          |
| 354+88.50 TO 355+88.50 RT | 7     | 9          |
| 355+88.50 TO 391+90 LT    | 5     | 222.5      |
| 355+88.50 TO 391+90 RT    | 5     | 222.5      |
| <b>TOTAL =</b>            |       | <b>491</b> |

48203100  
HMA SHOULDERS

| STATION                   | WIDTH | TON        |
|---------------------------|-------|------------|
| 351+96 TO 353+57.50 LT    | 7     | 28         |
| 351+96 TO 353+57.50 RT    | 7     | 28         |
| 354+88.50 TO 355+88.50 LT | 7     | 17.5       |
| 354+88.50 TO 355+88.50 RT | 7     | 17.5       |
| 355+88.50 TO 391+90 LT    | 5     | 448        |
| 355+88.50 TO 391+90 RT    | 5     | 448        |
| <b>TOTAL =</b>            |       | <b>987</b> |

HMA SHOULDERS

STA 351+96  
TO  
STA 391+90



PAVEMENT SCHEDULE

| PAY ITEM               | 40602978                      | 40604050                              | 48101200                   | 40600290                         | 40600370                   | 40600405                 | 48203100      | 40800050                 | 40800050                 |
|------------------------|-------------------------------|---------------------------------------|----------------------------|----------------------------------|----------------------------|--------------------------|---------------|--------------------------|--------------------------|
| UNIT                   | (TON)                         | (TON)                                 | (TON)                      | (POUND)                          | (FOOT)                     | (TON)                    | (TON)         | (TON)                    | (TON)                    |
| STATION TO STATION     | HMA BINDER COURSE IL-9.5, N50 | HMA SURFACE COURSE IL-9.5 MIX 'C' N50 | AGGREGATE SHOULDERS TYPE B | BITUMINOUS MATERIALS (TACK COAT) | LONGITUDINAL JOINT SEALANT | MATERIAL TRANSFER DEVICE | HMA SHOULDERS | INCIDENTAL HMA SURFACING | INCIDENTAL HMA SURFACING |
| 318+30 TO 318+99       | 9                             | 14                                    | 8                          | 105                              | 69                         | 23                       |               |                          |                          |
| 318+99 TO 330+00       | 238                           | 423                                   | 43                         | 3,000                            | 3,303                      | 476                      |               | 32                       |                          |
| 340+60 TO 351+96       | 415                           | 420                                   | 80                         | 3,560                            | 3,408                      | 509                      |               | 34                       | 33                       |
| 351+96 TO 353+57.50    | 53                            | 53                                    | 10                         | 450                              | 161.5                      | 106                      | 56            |                          |                          |
| 354+88.50 TO 355+88.50 | 33                            | 33                                    | 5                          | 255                              | 100                        | 66                       | 35            |                          |                          |
| 355+88.50 TO 391+97    | 1,007                         | 1,007                                 | 59                         | 8,405                            | 3,608.5                    | 2014                     | 896           |                          | 70                       |
| 392+06 TO 393+16       |                               | 25                                    | 20                         | 350                              | 110                        |                          |               |                          | 42                       |
| <b>TOTAL =</b>         | <b>1,775</b>                  | <b>1,975</b>                          | <b>225</b>                 | <b>16,125</b>                    | <b>10,760</b>              | <b>3,194</b>             | <b>987</b>    | <b>66**</b>              | <b>145***</b>            |

\*\* MIX AT INTERSTATE RAMP SHALL BE SBS PG70-28, N90.  
 \*\*\* MIX AT ALL OTHER LOCATIONS SHALL BE PG64-22, N50.

78001110 – PAINT PAVEMENT MARKING – LINE 4”  
70300221 – TEMPORARY PAVEMENT MARKING  
LINE 4” – PAINT

78011000  
GROOVING FOR RECESSED  
PAVEMENT MARKING  
LETTERS & SYMBOLS

| STATION TO STATION | SQ FT |
|--------------------|-------|
| 348+76 RT          | 61    |
| 354+60 LT          | 61    |
| TOTAL =            | 122   |

78000100  
THERMOPLASTIC PAVEMENT  
MARKING, LETTERS & SYMBOLS

| STATION TO STATION | SQ FT |
|--------------------|-------|
| 348+76 RT          | 61    |
| 354+60 LT          | 61    |
| TOTAL =            | 122   |

70300100  
SHORT TERM  
PAVEMENT MARKING

| STATION TO STATION  | FOOT  |
|---------------------|-------|
| 318+30 TO 330+00    | 1,170 |
| 340+60 TO 353+57.50 | 1,297 |
| 354+88.50 TO 391+97 | 3,709 |
| 392+06 TO 393+16    | 110   |
| TOTAL =             | 629   |
| <3 LIFTS> TOTAL =   | 1,887 |

| STATION TO STATION  | FOOT  | LINE 4” |
|---|-------|---------|
| CENTERLINE  |       |         |
| 318+30 TO 330+00  | 1,170 | 292     |
| 340+60 TO 391+74  | 5,114 | 1,279   |
| NO PASSING ZONES  |       |         |
| 384+24 TO 393+16 RT   | 892   | 892     |
| 391+74 TO 393+16 LT   | 142   | 142     |
| EDGE LINES  |       |         |
| 318+30 TO 328+15 LT & RT  | 980   | 1,970   |
| 329+50 TO 330+00 LT & RT  | 50    | 100     |
| 340+60 TO 341+10 LT & RT  | 50    | 100     |
| 342+45 TO 393+16 LT & RT  | 5,071 | 10,142  |
| SUB-TOTAL=  |       | 14,917  |
| TOTAL ALL STRIPING FOR PAINT PAVEMENT<br>MARKING LINE 4” <TWO APPLICATIONS> = 29,834’ |       |         |
| TOTAL FOR TEMPORARY PAVEMENT MARKING = 14,917’  |       |         |

78011025  
GROOVING FOR RECESSED  
PAVEMENT MARKING 5”

| STATION                   | YELLOW | WHITE | FOOT |
|---------------------------|--------|-------|------|
| 328+86 LT <SB EXIT RAMP>  | 50     |       | 50   |
| 328+86 LT <SB EXIT RAMP>  |        | 65    | 65   |
| 329+04 RT <SB ENTER RAMP> | 40     |       | 40   |
| 329+04 RT <SB ENTER RAMP> |        | 55    | 55   |
| 341+43 LT <NB ENTER RAMP> | 37     |       | 37   |
| 341+43 LT <NB ENTER RAMP> |        | 56    | 56   |
| 341+60 RT <NB EXIT RAMP>  | 40     |       | 40   |
| 341+60 RT <NB EXIT RAMP>  |        | 75    | 75   |
| TOTAL =                   | 167    | 251   | 418  |

78000200  
THERMOPLASTIC PAVEMENT  
MARKING – LINE 4”

| STATION                   | YELLOW | WHITE | FOOT |
|---------------------------|--------|-------|------|
| 328+86 LT <SB EXIT RAMP>  | 50     |       | 50   |
| 328+86 LT <SB EXIT RAMP>  |        | 65    | 65   |
| 329+04 RT <SB ENTER RAMP> | 40     |       | 40   |
| 329+04 RT <SB ENTER RAMP> |        | 55    | 55   |
| 341+43 LT <NB ENTER RAMP> | 37     |       | 37   |
| 341+43 LT <NB ENTER RAMP> |        | 56    | 56   |
| 341+60 RT <NB EXIT RAMP>  | 40     |       | 40   |
| 341+60 RT <NB EXIT RAMP>  |        | 75    | 75   |
| TOTAL =                   | 167    | 251   | 418  |

70300150  
SHORT TERM PAVEMENT  
MARKING REMOVAL

| STATION TO STATION | SQ FT |
|--------------------|-------|
| 318+30 TO 393+16   | 210   |
| TOTAL =            | 210   |

78011045  
GROOVING FOR RECESSED  
PAVEMENT MARKING 9”

| STATION                         | FOOT |
|---------------------------------|------|
| 328+64 LT <SB EXIT RAMP ISLAND> | 130  |
| 341+60 RT <NB EXIT RAMP ISLAND> | 132  |
| 341+60 RT <US 45 ISLAND>        | 103  |
| TOTAL =                         | 365  |

78000500  
THERMOPLASTIC PAVEMENT  
MARKING – LINE 8”

| STATION                         | FOOT |
|---------------------------------|------|
| 328+64 LT <SB EXIT RAMP ISLAND> | 130  |
| 341+60 RT <NB EXIT RAMP ISLAND> | 132  |
| 341+60 RT <US 45 ISLAND>        | 103  |
| TOTAL =                         | 365  |

78011125  
GROOVING FOR RECESSED  
PAVEMENT MARKING 25”

| STATION                  | FOOT |
|--------------------------|------|
| 328+64 LT <SB EXIT RAMP> | 15   |
| 329+07 LT <SB EXIT RAMP> | 14   |
| 341+41 RT <NB EXIT RAMP> | 15   |
| 341+83 RT <NB EXIT RAMP> | 13   |
| 387+33 RT                | 11   |
| 387+83 RT                | 11   |
| 391+74 RT                | 11   |
| 392+26 LT                | 11   |
| 392+57 LT                | 14   |
| 392+97 LT                | 29   |
| 392+97 RT <MAINLINE>     | 11   |
| 392+97 RT <TURN LANE>    | 22   |
| TOTAL =                  | 177  |

78000650  
THERMOPLASTIC PAVEMENT  
MARKING – LINE 24”

| STATION                  | FOOT |
|--------------------------|------|
| 328+64 LT <SB EXIT RAMP> | 15   |
| 329+07 LT <SB EXIT RAMP> | 14   |
| 341+41 RT <NB EXIT RAMP> | 15   |
| 341+83 RT <NB EXIT RAMP> | 13   |
| 387+33 RT                | 11   |
| 387+83 RT                | 11   |
| 391+74 RT                | 11   |
| 392+26 LT                | 11   |
| 392+57 LT                | 14   |
| 392+97 LT                | 29   |
| 392+97 RT <MAINLINE>     | 11   |
| 392+97 RT <TURN LANE>    | 22   |
| TOTAL =                  | 177  |

78011065  
GROOVING FOR RECESSED  
PAVEMENT MARKING 13”

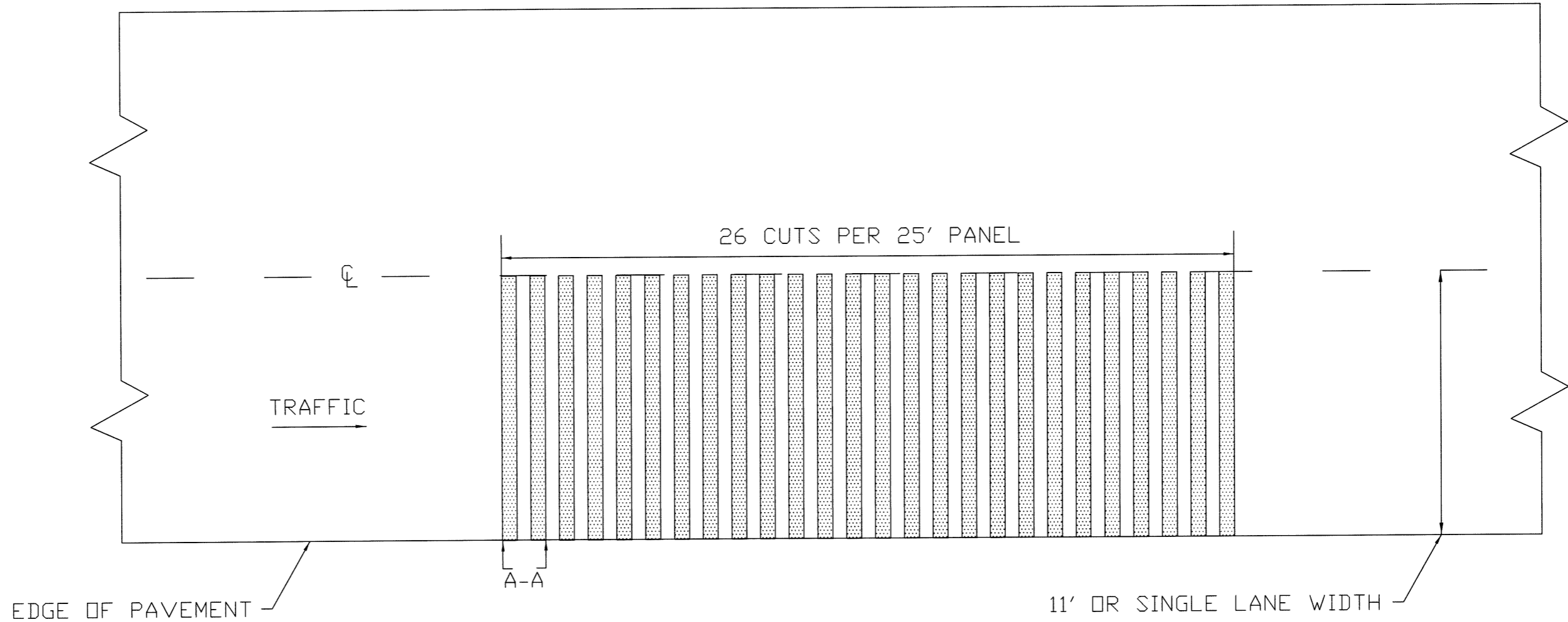
| STATION                         | FOOT |
|---------------------------------|------|
| 328+64 LT <SB EXIT RAMP ISLAND> | 98   |
| 341+60 RT <NB EXIT RAMP ISLAND> | 96   |
| TOTAL =                         | 194  |

78000600  
THERMOPLASTIC PAVEMENT  
MARKING – LINE 12”

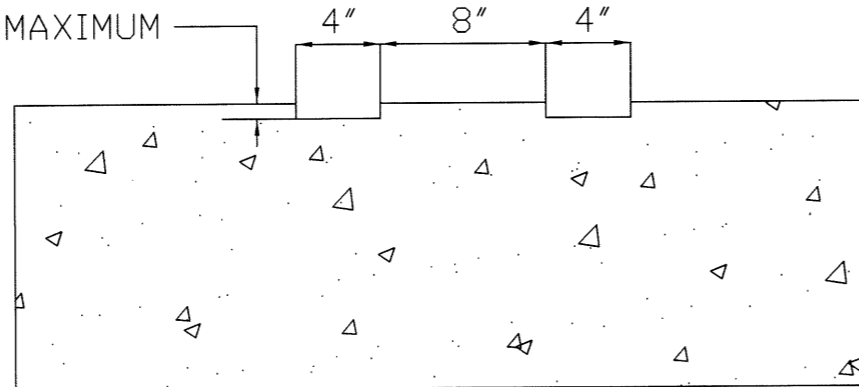
| STATION                         | FOOT |
|---------------------------------|------|
| 328+64 LT <SB EXIT RAMP ISLAND> | 98   |
| 341+60 RT <NB EXIT RAMP ISLAND> | 96   |
| TOTAL =                         | 194  |

# RUMBLE STRIP DETAIL

|                     |                |           |                       |           |
|---------------------|----------------|-----------|-----------------------|-----------|
| ROUTE NO.           | SECTION        | COUNTY    | TOTAL SHEETS          | SHEET NO. |
| FAS 334             | 24-00130-08-WR | IRROQUOIS | 11                    | 11        |
| JOB No: C-93-012-26 |                |           | PROJECT No: BZBK(106) |           |
| CONTRACT 87895      |                |           |                       |           |



1/2" MINIMUM, 5/8" MAXIMUM



SECTION A-A  
RUMBLE STRIP CUT IN NEW  
PCC OR HMA PAVEMENT

Z0055300  
RUMBLE STRIPS

| STATION             | EACH |
|---------------------|------|
| 382+85 TO 383+10 RT | 1    |
| 388+00 TO 388+25 RT | 1    |
| 390+00 TO 390+25 RT | 1    |
| TOTAL =             | 3    |