

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

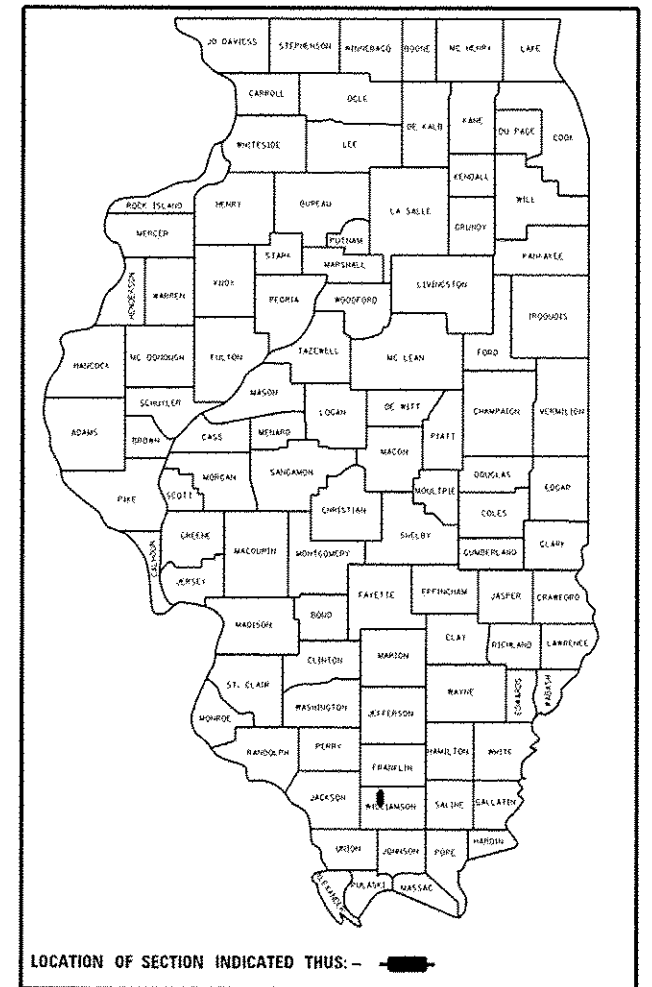
**PROPOSED
HIGHWAY PLANS**

IL 148 ROUTE (FAP 726)
SECTION 129RS-8
PROJECT ACNHPP-0726 (069)
RESURFACING (3P)
WILLIAMSON COUNTY

C-99-048-15

| | | | | |
|--------------------|--------------------|----------------------|--------------------|----------------|
| F.A.P. RTE. 726 | SECTION 129RS-8 | COUNTY WILLIAMSON | TOTAL SHEETS 20 | SHEET NO. 1 |
| | | ILLINOIS | CONTRACT NO. 78480 | |

D-99-040-15



LOCATION OF SECTION INDICATED THUS: —

STATION EQUATIONS

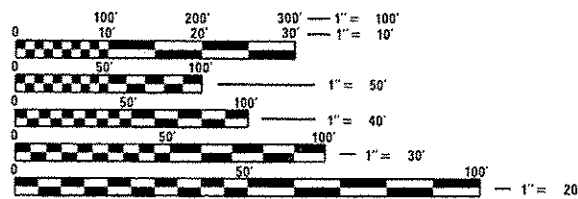
STA. 333+93.82 BK. = STA. 327A+75.81 AH.
STA. 333A+93.82 BK. = STA. 333+93.82 AH.
STA. 378+79.82 BK. = STA. 312+99.05 AH.

TRAFFIC DATA

| IL 148 (FAP 726) | LOC A: | LOC B: | LOC C: |
|------------------|-----------|-----------|----------|
| M.P. | 0.00-2.87 | 2.87-3.88 | 3.88-4.4 |
| (2016) | | | |
| PV = | 4,400 | 7,050 | 9,965 |
| SU = | 115 | 290 | 285 |
| MU = | 85 | 190 | 210 |
| ADT = | 4,600 | 7,530 | 10,460 |
| (2036) | | | |
| PV = | 5,930 | 9,500 | 12,155 |
| SU = | 155 | 385 | 345 |
| MU = | 115 | 255 | 260 |
| ADT = | 6,200 | 10,140 | 12,760 |

TOWNSHIPS

HERRIN



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

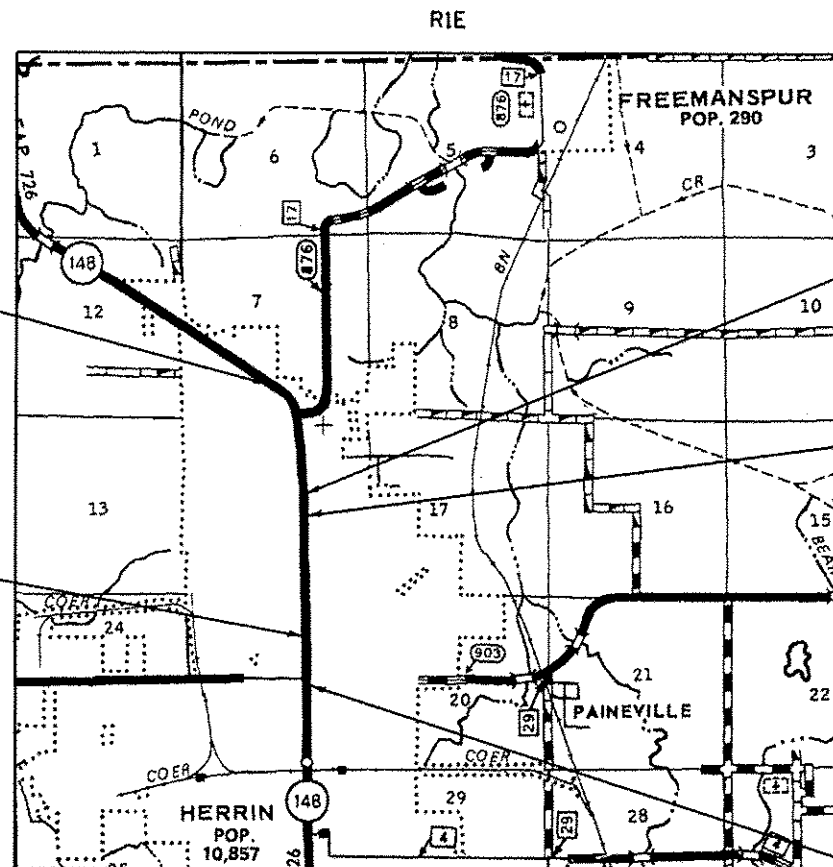
PROJECT BEGINS
IL 148 (FAP 726)
STA. 306+30
MP 2.68

STA. 378+79.82 BK =
STA. 312+99.05 AHD

STA. 333+93.82 BK =
STA. 327A+75.81 AHD

STA. 333A+93.82 BK =
STA. 333+93.82 AHD

PROJECT ENDS
IL 148 (FAP 726)
STA. 299+35
MP 4.43



GROSS LENGTH = 9,231.88 FT. = 1.748 MILE
OMISSIONS = 0 FT = 0 MILE
NET LENGTH = 9,231.88 FT. = 1.748 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 9 20 15

Stephen J. Lem
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 29 20 16
Mawman M. Adams, PE
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 29 20 16
Omer Osman, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROJECT ENGINEER CHARLES STEIN - (618) 351-5210
PROJECT MANAGER JOHN A. BRANDON - (618) 351-5291
CONTRACT NO. 78480

GENERAL NOTES

THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES.

| | |
|---------------------|-------------------|
| ALL HOT-MIX ASPHALT | 2.016 TON / CU YD |
| ALL AGGREGATE | 2.05 TON / CU YD |

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT., THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUT DOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL AND SURFACE COURSE.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER.

CLASS C PATCHES MORE THAN 20 FT IN LENGTH SHALL BE TIED TO THE ADJACENT LANE OF PAVEMENT AND CURB AND GUTTER WITH NO. 6 TRANSVERSE TIE BARS, 24 IN. LONG EMBEDDED 8 IN. AT 24 IN. CENTERS ACCORDING TO ARTICLE 420.05(B).

CLASS C PATCHES, TYPE III OR TYPE IV, SHALL REINFORCED WITH PAVEMENT FABRIC ACCORDING TO THE DETAILS SHOWN ON THE PLANS. THE REINFORCEMENT SHALL BE PLACED AT 3 1/2 IN. ± 1 IN. BELOW THE FINISHED PATCH SURFACE ELEVATION ACCORDING TO ARTICLE 420.08.

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT. INTERVALS ALTERNATING SIDES ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT-MIX ASPHALT SURFACE REMOVAL WHEN SPECIFIED.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.

THE LOCATION OF THE DETECTOR LOOPS, MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.

DETECTOR LOOP WIRE SHALL BE PLACED IN THE EXISTING CONDUIT FROM THE LOOP SAWCUT TO THE SPLICE POINT AT THE EXISTING HANDHOLE.

ALL DETECTOR LOOPS SHALL BE PLACED PRIOR TO RESURFACING.

VIBRATORY ROLLERS WILL NOT BE ALLOWED ON THE PROJECT.

| | | | | | | | | | | | |
|--|--|------------|-----------|---|----------------------|-------------------------------------|---------|--------------------|-----------------|--------------|--|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| p:\11\084EBID\INTEC\Illinois.gov\PI\DOT\Q... | ...ments\DOT Office\District 9\Projects\784... | DRAWN | REVISED - | | | 726 | 129RS-8 | WILLIAMSON | 20 | 4 | |
| Default | PLOT SCALE = 1/8" = 1' / 1" | CHECKED - | REVISED - | | | SCALE: SHEET OF SHEETS STA. TO STA. | | CONTRACT NO. 78480 | | | |
| | PLOT DATE = 12/11/2015 | DATE - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |

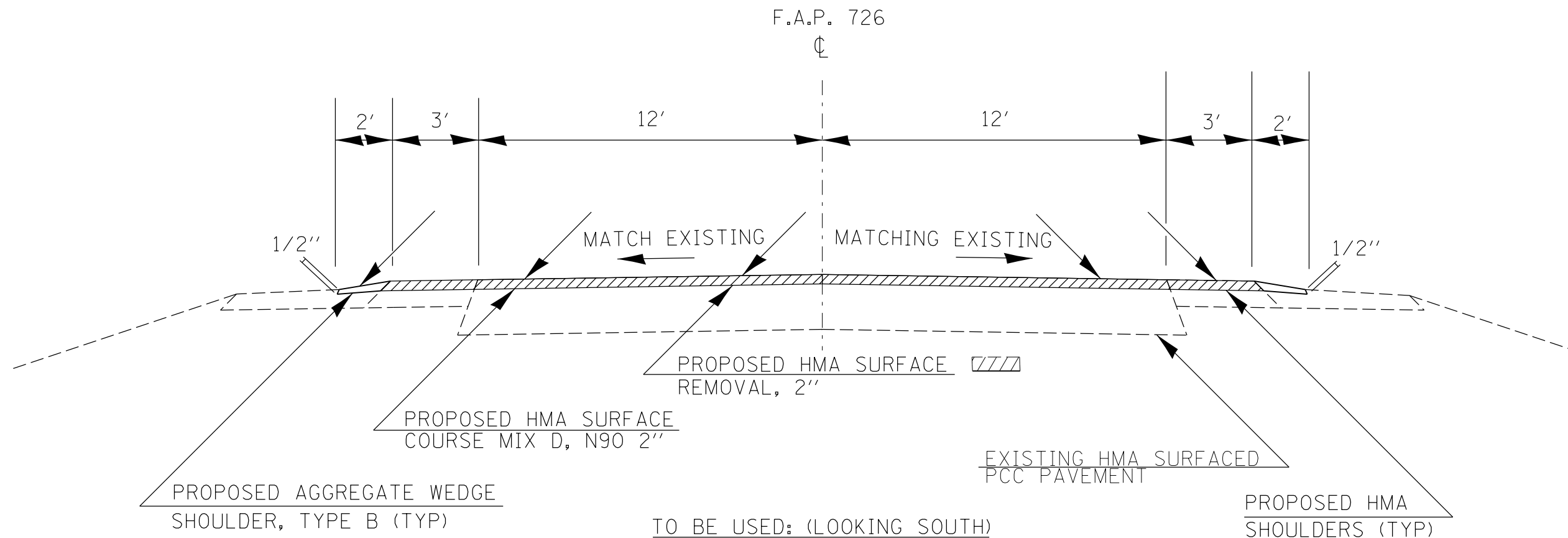
SUMMARY OF QUANTITIES - CONT

| | |
|----------------|-----------------------|
| COUNTY: | WILLIAMSON |
| ROUTE: | IL 148 (FAP 726) |
| FUNDING: | 80% FEDERAL 20% STATE |
| LOCATION: | URBAN |
| TOTAL QUANTITY | ROADWAY 0005 |

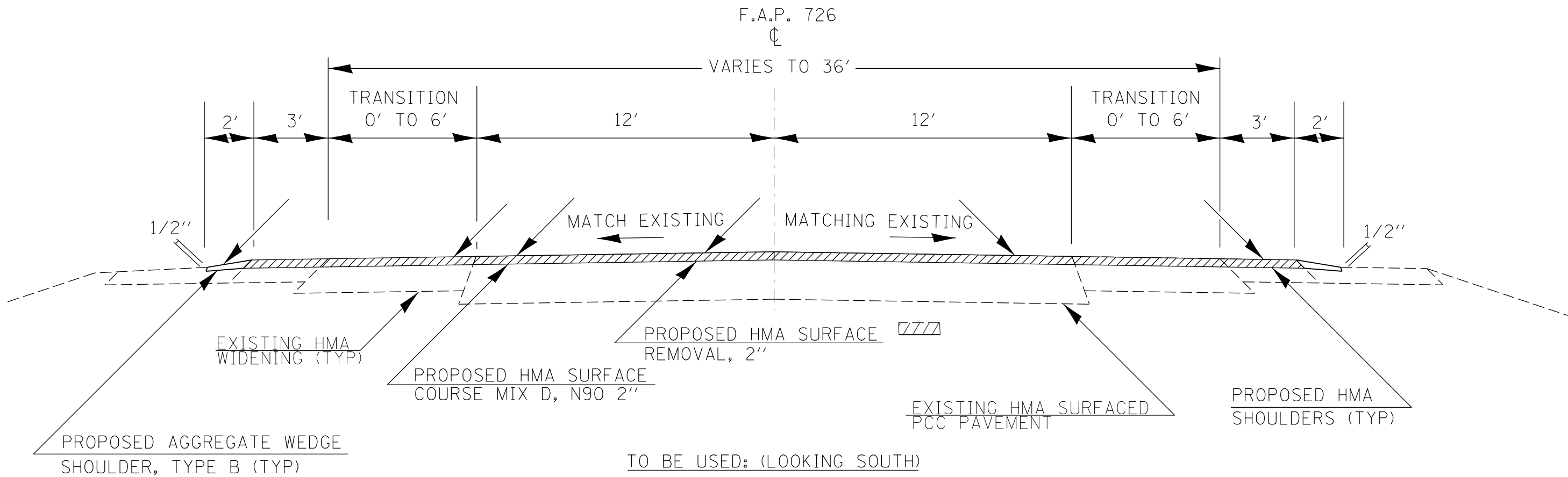
| CODE NUMBER | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | ROADWAY |
|-------------|---|------|----------------|---------|
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 474 | 474 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 474 | 474 |
| 20034105 | MATERIAL TRANSFER DEVICE | TON | 4139 | 4139 |

3

* SPECIALTY ITEM



TO BE USED: (LOOKING SOUTH)
 STA. 306+30 TO STA. 312+50



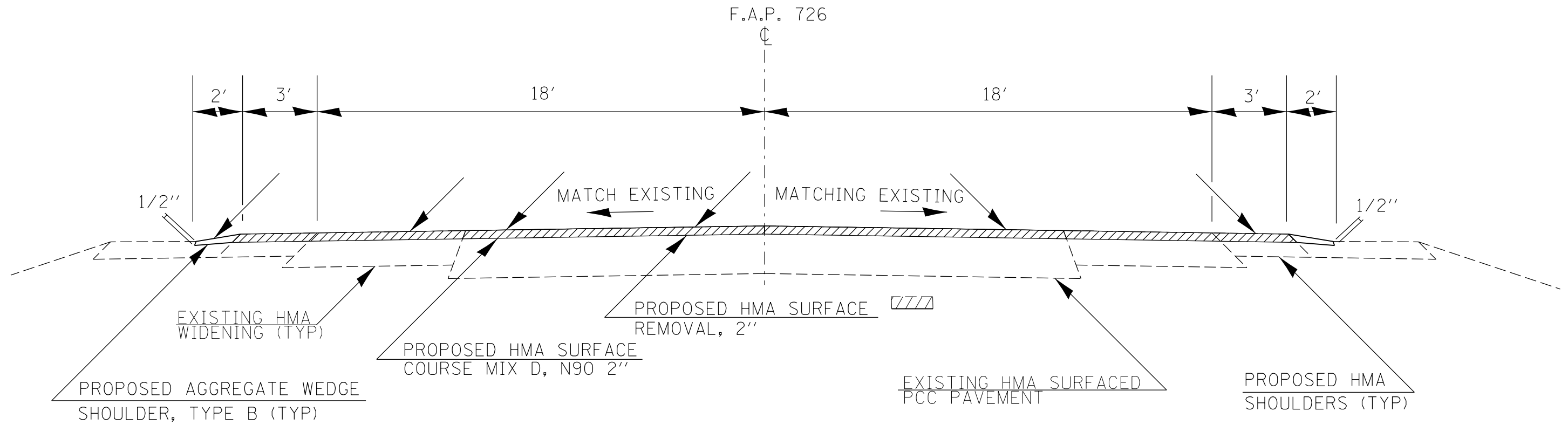
TO BE USED: (LOOKING SOUTH)
 STA. 312+50 TO STA. 315+50

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|---|------------------------|------------|-----------|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - |
| pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78480\Drawings\CAD\Sheets\shd.dgn | | CHECKED - | REVISED - |
| Default | PLOT DATE = 12/11/2015 | DATE - | REVISED - |

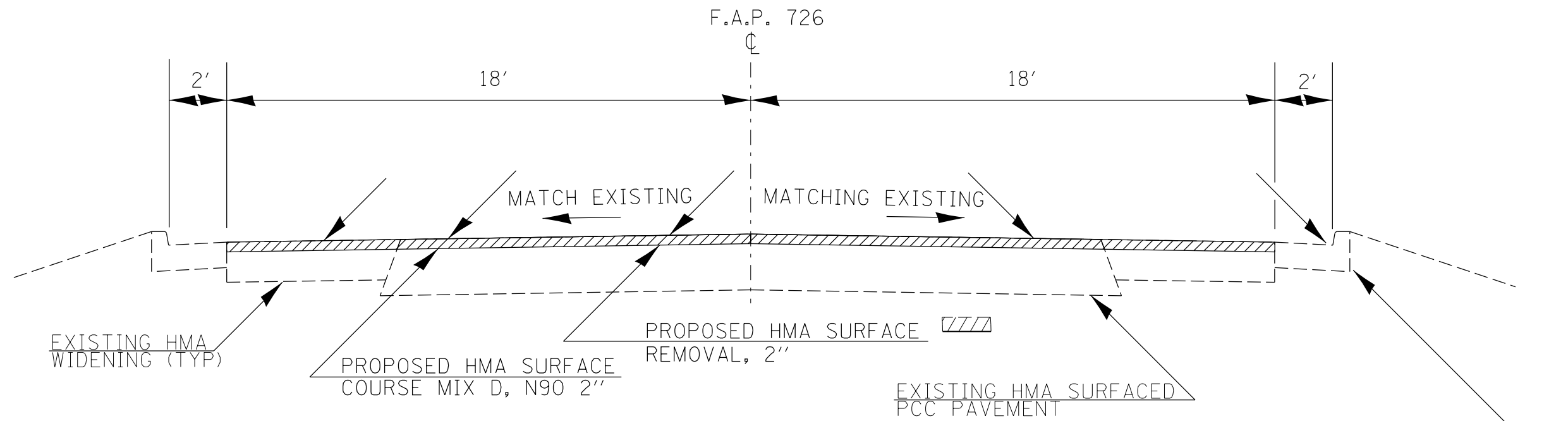
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| TYPICAL SECTIONS | | | |
|------------------|-------|-----------|--------------|
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------------|---------|------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 726 | 129R5-8 | WILLIAMSON | 20 | 8 |
| CONTRACT NO. 78480 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



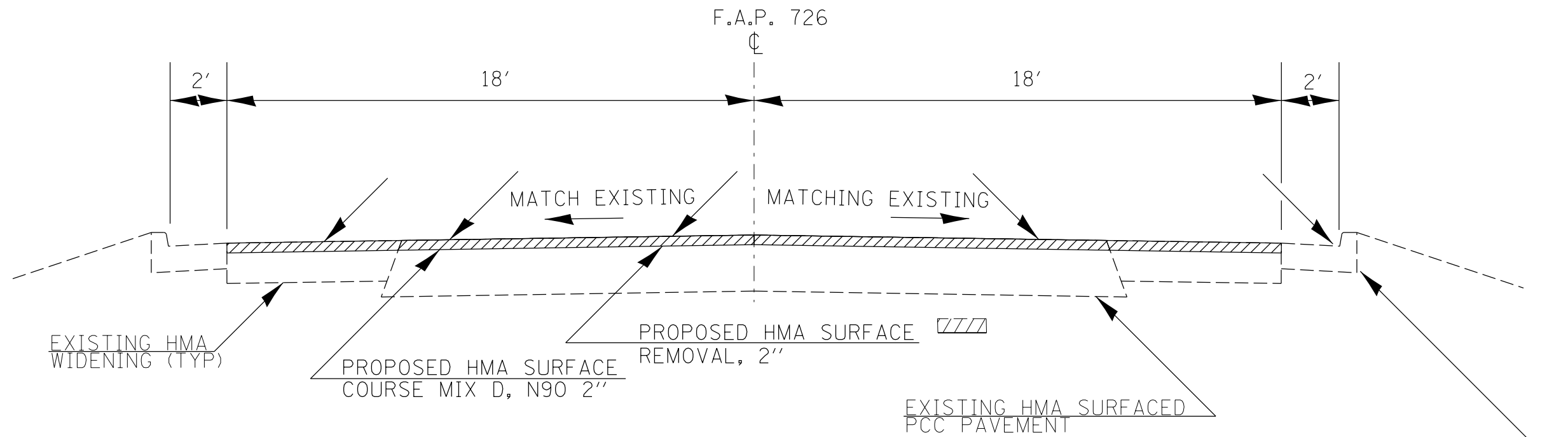
TO BE USED: (LOOKING SOUTH)
 STA. 315+50 TO STA. 316+35 RT
 STA. 315+50 TO STA. 316+40 LT



TO BE USED: (LOOKING SOUTH)
 STA. 316+35 RT TO STA. 333+93.82
 STA. 316+40 LT TO STA. 333+93.82
 STA. 333+93.82 BK = STA. 327A+75.81 AH
 STA. 327A+75.81 TO STA. 333A+93.82

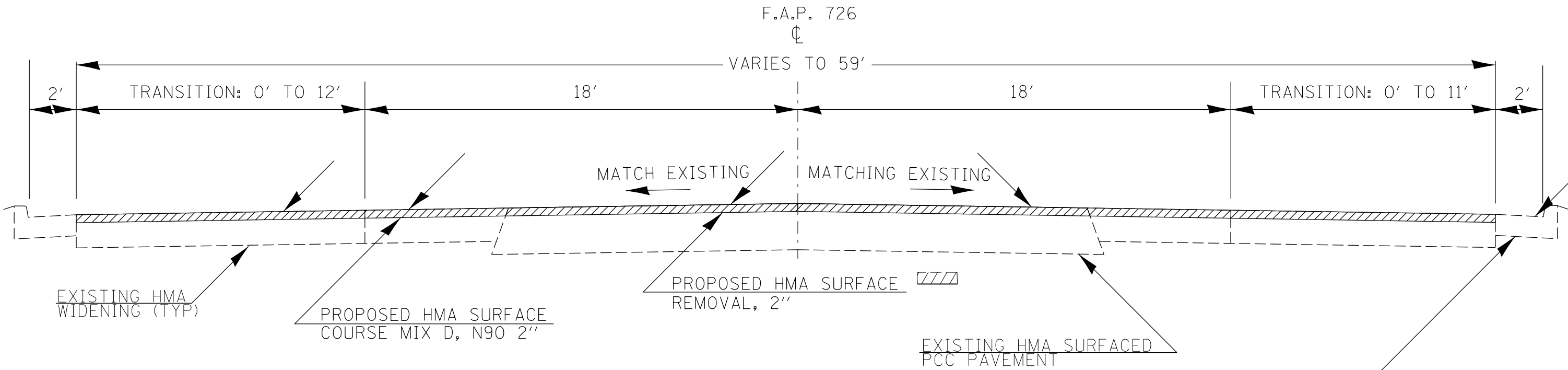
EXISTING CONCRETE CURB & GUTTER
 TYPE B-6.24 LT. & RT.

| | | | | | | | | | | | | | |
|--|-------------------------------|------------|-----------|---|-------------------------|---------|------------|--------|-------------|---------|--------|---------------------------|-----------|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL SECTIONS | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78480\Drawings\CAD\Sheets\shd.dgn | | CHECKED - | REVISED - | | 726 | 129R5-8 | WILLIAMSON | 20 | 9 | | | | |
| Default | PLOT SCALE = 100.0000' / 1in. | DATE - | REVISED - | | SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. | CONTRACT NO. 78480 | |
| | PLOT DATE = 12/11/2015 | | | | | | | | | | | ILLINOIS FED. AID PROJECT | |



TO BE USED: (LOOKING SOUTH)
 STA. 333A+93.82 BK = STA. 333+93.82 AH
 STA. 333+93.82 TO STA. 378+79.82
 STA. 378+79.82 BK = STA. 312+99.05 AH
 STA. 312+99.05 TO STA. 304+30

EXISTING CONCRETE CURB & GUTTER
 TYPE B-6.24 LT. & RT.

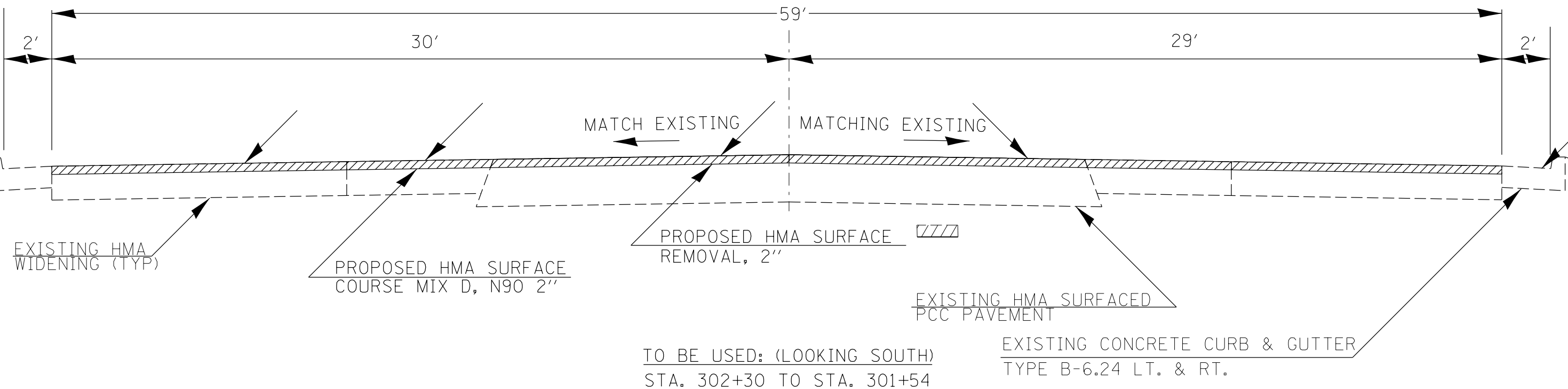


TO BE USED: (LOOKING SOUTH)
 STA. 304+30 TO STA. 302+30

EXISTING CONCRETE CURB & GUTTER
 TYPE B-6.24 LT. & RT.

| | | | | | | | | | | | | | |
|--|-------------------------------|------------|-----------|---|-------------------------|--|--|---|-------------|---------|------------|--------------|-----------|
| FILE NAME = p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78480\Drawings\CAD\Sheets\shd.dgn | USER NAME = brandonja | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL SECTIONS | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100.0000' / 1in. | CHECKED - | REVISED - | | | | | | 726 | 129R5-8 | WILLIAMSON | 20 | 10 |
| Default | PLOT DATE = 12/11/2015 | DATE - | REVISED - | SCALE: SHEET OF SHEETS STA. TO STA. | | | | CONTRACT NO. 78480 ILLINOIS FED. AID PROJECT | | | | | |

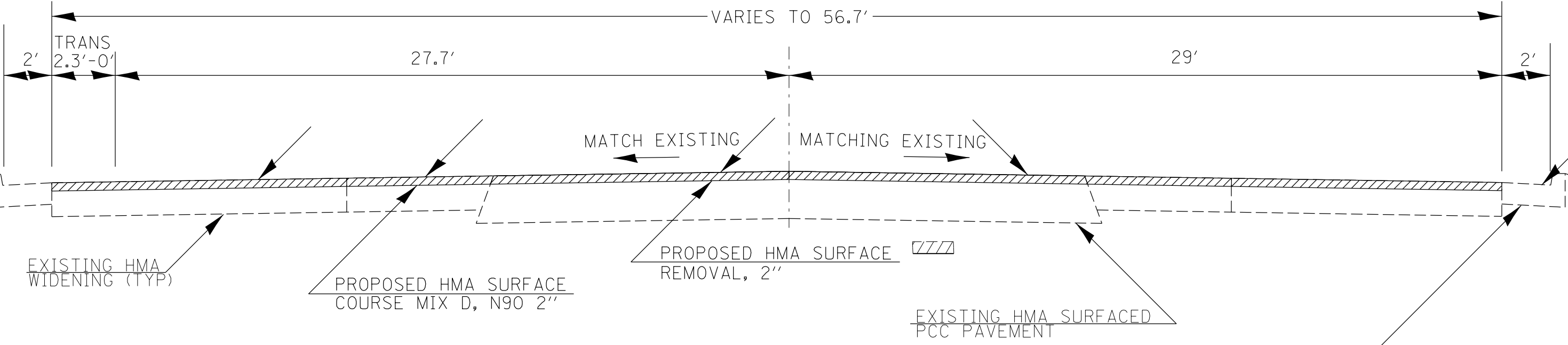
F.A.P. 726
 ☺



TO BE USED: (LOOKING SOUTH)
 STA. 302+30 TO STA. 301+54

EXISTING CONCRETE CURB & GUTTER
 TYPE B-6.24 LT. & RT.

F.A.P. 726
 ☺



TO BE USED: (LOOKING SOUTH)
 STA. 301+54 TO STA. 300+81

EXISTING CONCRETE CURB & GUTTER
 TYPE B-6.24 LT. & RT.

| | | | |
|---|-------------------------------|------------|-----------|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - |
| pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78480\Drawings\CAD\Sheets\shd.dgn | | BRADWIN | REVISED - |
| Default | PLOT SCALE = 100.0000' / 1in. | CHECKED - | REVISED - |
| | PLOT DATE = 12/11/2015 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| TYPICAL SECTIONS | | | | |
|------------------|-------|----|--------|--------------|
| SCALE: | SHEET | OF | SHEETS | STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|------------|--------------|-----------|
| 726 | 129R5-8 | WILLIAMSON | 20 | 11 |
| CONTRACT NO. 78480 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

E. HERRIN ST

W. HERRIN ST

F.A.P. 726

⊥

56.7' TO 73.0'

MATCH EXISTING

MATCHING EXISTING

PROPOSED HMA SURFACE
COURSE MIX D, N90 2"

PROPOSED HMA SURFACE
REMOVAL, 2"

EXISTING HMA
WIDENING (TYP)

EXISTING HMA SURFACED
PCC PAVEMENT

TO BE USED: (LOOKING SOUTH)
STA. 300+81 TO STA. 299+35

| | | | |
|--|------------------------|------------|-----------|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - |
| p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78480\Drawings\CAD\Sheets\sh.t.dgn | | CHECKED - | REVISED - |
| Default | PLOT DATE = 12/11/2015 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|------------|---------------------------|-----------|
| 726 | 129R5-8 | WILLIAMSON | 20 | 12 |
| CONTRACT NO. 78480 | | | ILLINOIS FED. AID PROJECT | |

PAVEMENT AND SHOULDER SCHEDULE

| LOCATION | | | LENGTH | WIDTH | AREA | HMA SURFACE REMOVAL | BIT. MAT. PRIME COAT | HMA SURF CSE MIX "D", N90 | HMA SHLDRS | AGG. WEDGE SHLDRS | TEMPORARY RAMP |
|--------------------------------|----|---------------|-------------------------|--------------|----------|---------------------|----------------------|---------------------------|------------|-------------------|----------------|
| | | | MEASUREMENT INFORMATION | | | 2" | | 2" | | TY B | |
| | | | FOOT | FOOT | SQ FT | SQ YD | POUND | TON | TON | TON | SQ YD |
| IL 148 MP 2.68 = 306+30 | | | | | | | | | | | |
| 306+30. | TO | 312+50. | 620.0 | 30.0 | 18600.0 | 2066.7 | 930.0 | 186.5 | 46.3 | 31.4 | 22.2 |
| 312+50. | TO | 315+50. | 300.0 | 30.0 TO 42.0 | 10800.0 | 1200.0 | 540.0 | 112.6 | 22.4 | 15.2 | |
| 315+50. | TO | 316+35. | 85.0 | 42.0 | 3570.0 | 396.7 | 178.5 | 38.3 | 6.3 | 4.3 | |
| 316+35. | TO | 316+40. | 5.0 | 39.0 | 195.0 | 21.7 | 9.8 | 2.3 | 0.2 | 0.1 | |
| 316+40. | TO | 333+93.82 | 1753.8 | 36.0 | 63137.5 | 7015.3 | 3156.9 | 785.7 | | | |
| 333+93.82 BK | = | 327A+75.81 AH | | | | | | | | | |
| 327A+75.81 | TO | 333A+93.82 | 618.0 | 36.0 | 22248.0 | 2472.0 | 1112.4 | 276.9 | | | |
| 333A+93.82 BK | = | 333+93.82 AH | | | | | | | | | |
| 333+93.82 | TO | 378+79.82 | 4486.0 | 36.0 | 161496.0 | 17944.0 | 8074.8 | 2009.7 | | | |
| 378+79.82 BK | = | 312+99.05 AH | | | | | | | | | |
| 312+99.05 | TO | 304+30. | 869.1 | 36.0 | 31285.8 | 3476.2 | 1564.3 | 389.3 | | | |
| 304+30. | TO | 302+30. | 200.0 | 36.0 TO 59.0 | 9500.0 | 1055.6 | 475.0 | 118.2 | | | |
| 302+30. | TO | 301+54. | 76.0 | 59.0 | 4484.0 | 498.2 | 224.2 | 55.8 | | | |
| 301+54. | TO | 300+81. | 73.0 | 59.0 TO 56.7 | 4223.1 | 469.2 | 211.2 | 52.6 | | | |
| 300+81. | TO | 300+12. | 69.0 | * | 3739.4 | 415.5 | 187.0 | 46.5 | | | |
| 300+12. | TO | 299+67. | 45.0 | * | 3022.3 | 335.8 | 151.1 | 37.6 | | | 205.9 |
| 299+67. | TO | 299+35. | 32.0 | * | 2161.5 | 240.2 | 108.1 | 26.9 | | | 49.3 |
| PROJECT TOTALS | | | | | | | | | | | |
| | | | | | | 37607 | 16924 | 4139 | 76 | 51 | 278 |

* AREA MEASURED IN MICROSTATION

PAVEMENT MARKING SCHEDULE

| LOCATION | THERMOPLASTIC PAVEMENT MARKING | | | | | | | | | | TEMPORARY PAVEMENT MARKING | | | | | | | | SHORT-TERM PAVEMENT MARKING | WORK ZONE PAVEMENT MARKING | REMARKS | | | | |
|------------------|--------------------------------|---------------|-----------|-------|-------|----------------|----------|----------|-------------------|---------|----------------------------|-----------|--------|-------|----------------|----------|----------|-------------------|-----------------------------|----------------------------|---------|--------|-------|----------------------------------|--------------------------------|
| | LINE 4" | | | | | DOUBLE LINE 4" | LINE 12" | LINE 24" | LETTERS & SYMBOLS | LINE 4" | | | | | DOUBLE LINE 4" | LINE 12" | LINE 24" | LETTERS & SYMBOLS | | | | | | | |
| | WHITE | | YELLOW | | | | WHITE | | | | WHITE | | YELLOW | | | | WHITE | | | | | | | | |
| | SOLID | SKIP-DASH | SKIP-DASH | SOLID | SOLID | SOLID | SOLID | SOLID | SQ FT | SOLID | SKIP-DASH | SKIP-DASH | SOLID | SOLID | SOLID | SOLID | SQ FT | | | | | | | | |
| IL 148 (FAP 726) | | | FOOT | FOOT | FOOT | FOOT | LT/RT | FOOT | FOOT | FOOT | SQ FT | FOOT | FOOT | FOOT | FOOT | LT/RT | FOOT | FOOT | FOOT | SQ FT | FOOT | SQ FT | | | |
| 306+30 | TO | 312+50 | 1240 | | 155 | 620 | RT | | | | | 1240 | | 155 | 620 | RT | | | | | 124 | 713.0 | | | |
| 312+50 | TO | 315+50 | 600 | | | | | 1200 | | | | 600 | | | | | | 1200 | | | 120 | 640.0 | | | |
| 315+50 | TO | 316+25 | 225 | | | | | 150 | 65 | | 36.4 | 225 | | | | | | 150 | 65 | | 36.4 | 30 | 236.4 | LEFT TURN LANE 1-"ONLY", 1-ARROW | |
| 316+25 | TO | 316+50 | 25 | | | | | 50 | | | | 25 | | | | | | 50 | | | 10 | 28.3 | | | |
| GAP | | | | | | | | | | | | | | | | | | | | | | | | | |
| 317+22 | TO | 318+22 | 100 | | | | | 200 | | | 36.4 | 100 | | | | | | 200 | | | 36.4 | 40 | 149.7 | LEFT TURN LANE 1-"ONLY", 1-ARROW | |
| 318+22 | TO | 319+22 | | | | | | 432 | 46 | | | | | | | | | 432 | 46 | | 133 | 234.3 | | | |
| 319+22 | TO | 333+93.82 | | | 736 | 2944 | LT/RT | | | | 187.2 | | | 736 | 2944 | LT/RT | | | | 736 | 2944 | 187.2 | 589 | 1610.0 | LEFT TURN LANE 2-ARROW (12 EA) |
| 333+93.82 BK | = | 327A+75.81 AH | | | | | | | | | | | | | | | | | | | | | | | |
| 327A+75.81 | TO | 333A+93.82 | | | 309 | 1236 | LT/RT | | | | 62.4 | | | 309 | 1236 | LT/RT | | | | 62.4 | 247 | 659.8 | 4 | LEFT TURN LANE 2-ARROW (4 EA) | |
| 333A+93.82 BK | = | 333+93.82 AH | | | | | | | | | | | | | | | | | | | | | | | |
| 333+93.82 | TO | 378+79.82 | | | 2243 | 8972 | LT/RT | | | | 468.0 | | | 2243 | 8972 | LT/RT | | | | 468.0 | 1,794 | 4804.5 | 30 | LEFT TURN LANE 2-ARROW (30 EA) | |
| 378+79.82 BK | = | 312+99.05 AH | | | | | | | | | | | | | | | | | | | | | | | |
| 312+99.05 | TO | 304+30 | | | 435 | 1738 | LT/RT | | | | 93.6 | | | 435 | 1738 | LT/RT | | | | 93.6 | 348 | 933.7 | 6 | LEFT TURN LANE 2-ARROW (6 EA) | |
| 304+30 | TO | 302+30. | | | 100 | 400 | LT/RT | | | | | | | 100 | 400 | LT/RT | | | | | 80 | 193.3 | | | |
| 302+30 | TO | 301+32 | | 25 | | | | 196 | | | | | 25 | | | | | 196 | | | 39 | 86.6 | | | |
| 301+32 | TO | 300+32 | 100 | 25 | | | | 200 | | 34 | 36.4 | 100 | 25 | | | | | 200 | | 34 | 36.4 | 60 | 232.7 | LEFT TURN LANE 1-"ONLY", 1-ARROW | |
| GAP | | | | | | | | | | | | | | | | | | | | | | | | | |
| 299+68 | TO | 299+35 | 33 | 17 | | | | 66 | | 34 | | 33 | 17 | | | | | 66 | | 34 | 26 | 115.3 | | | |
| TOTAL | | | 2323 | 66 | 3978 | 15910 | | 2494 | 111 | 68 | 921 | 2323 | 66 | 3978 | 15910 | | | 2494 | 111 | 68 | 921 | 3640 | 10638 | | |
| PROJECT TOTALS | | | 24771 | | | | | | | 111 | 68 | 921 | 24771 | | | | | | | 111 | 68 | 921 | 3640 | 10638 | |

• ONE APPLICATION EACH FOR HMA SURFACE REMOVAL 2 " AND SURFACE COURSE

RPM' S SCHEDULE

| LOCATION | | | RAISED REFLECTIVE PAVEMENT MARKER | | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL |
|-----------------------|----|----------------------|-----------------------------------|-------|---|
| | | | AMBER | WHITE | |
| IL 148 (FAP 726) | | | EACH | | EACH |
| 306+30 | TO | 312+50 | 17 | | 17 |
| 312+50 | TO | 315+50 | 16 | | 16 |
| 315+50 | TO | 316+25 | 4 | 3 | 7 |
| 316+25 | TO | 316+50 | 2 | 2 | 4 |
| GAP | | | | | |
| 317+22 | TO | 318+22 | 8 | 4 | 12 |
| 318+22 | TO | 319+22 | 6 | | 6 |
| 319+22 | TO | 333+93.82 | 74 | | 74 |
| 333+93.82 BK | = | 327A+75.81 AH | | | 0 |
| 327A+75.81 | TO | 333A+93.82 | 32 | | 32 |
| 333A+93.82 BK | = | 333+93.82 AH | | | |
| 333+93.82 | TO | 378+79.82 | 226 | | 226 |
| 378+79.82 BK | = | 312+99.05 AH | | | |
| 312+99.05 | TO | 304+30 | 44 | | 44 |
| 304+30 | TO | 302+30. | 10 | | 10 |
| 302+30 | TO | 301+32 | 6 | 1 | 7 |
| 301+32 | TO | 300+32 | 6 | 7 | 13 |
| GAP | | | | | |
| 299+68 | TO | 299+35 | 2 | 4 | 6 |
| TOTAL | | | 453 | 21 | 474 |
| PROJECT TOTALS | | | 474 | | 474 |

IL 148
C

IL 148 AND HERRIN RD.
INTERSECTION LIMIT
AT STA 300+81 (SEE
TYPICAL SECTION PG. 12)

EQ. STA 299+98.20 IL 148 =
STA OR+00, HERRIN RD, EAST

LIMITS OF RESURFACING
ON HERRIN ST.



HERRIN ST
TO COLP

CONC

CONC

HMA

HERRIN ST
TO J/CITY

CANOPY

(TCB)
(TEL)

CONC

(TEL)

PROJECT ENDS AT
IL 148 STA 299+35

EQ. STA 299+96.37 IL 148 =
STA 0L+00, HERRIN RD, WEST

PROPOSED HMA SURFACE
REMOVAL, 2"

| | | | |
|---|-------------------------------|------------|-----------|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - |
| p:\IL\084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78480\DRAWING\CAD\sheets\sh1.dgn | | REVISED - | REVISED - |
| Default | PLOT SCALE = 100.0000' / 1" = | CHECKED - | REVISED - |
| | PLOT DATE = 12/11/2015 | DATE - | REVISED - |

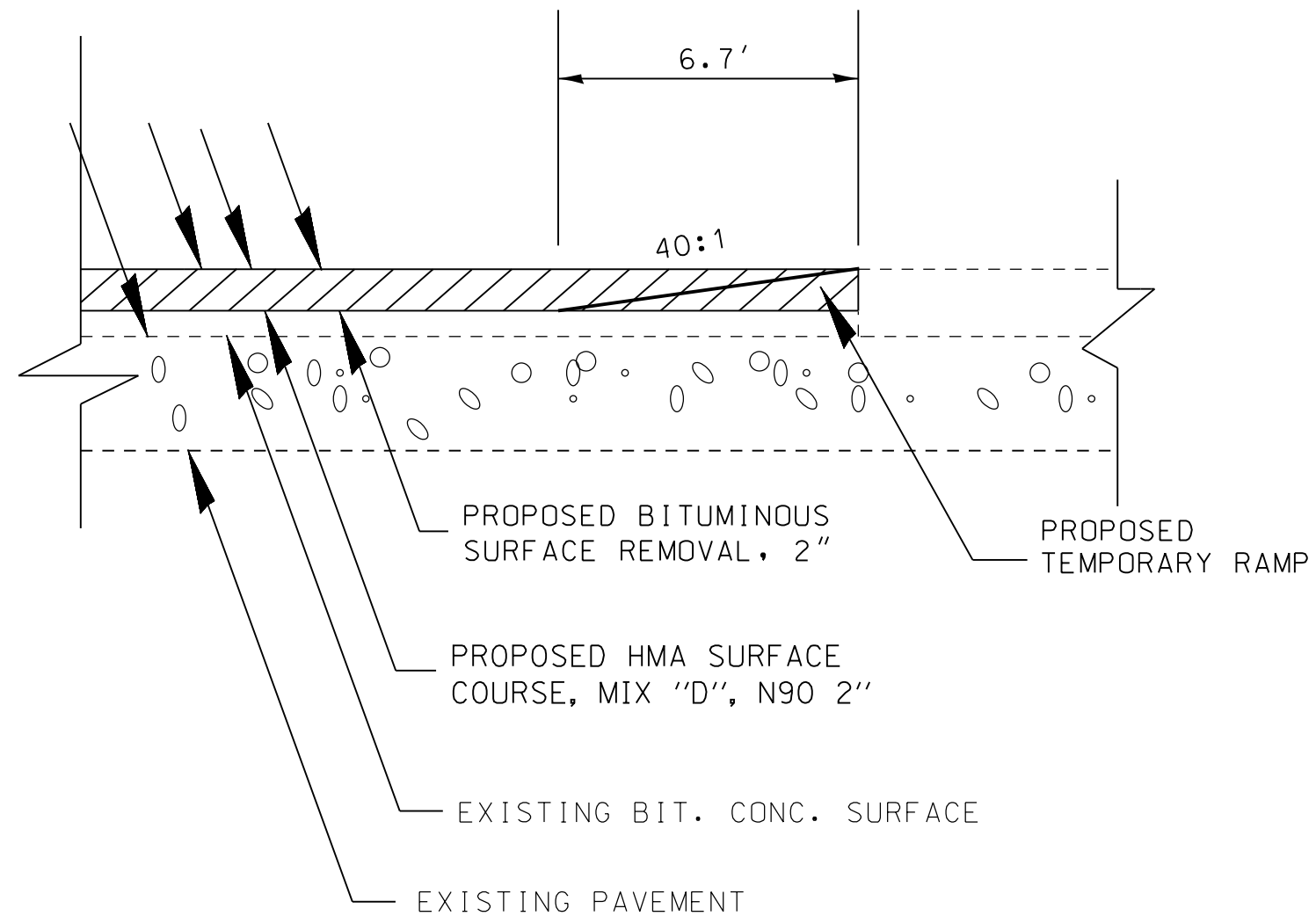
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET: INTERSECTION OF
IL 148 AND HERRIN RD**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|------------|--------------------|-----------|
| 726 | 129RS-8 | WILLIAMSON | 20 | 16 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 78480 | |

BEGINNING AND ENDING DETAIL
 FAP 726 (IL 148)
 NOT TO SCALE

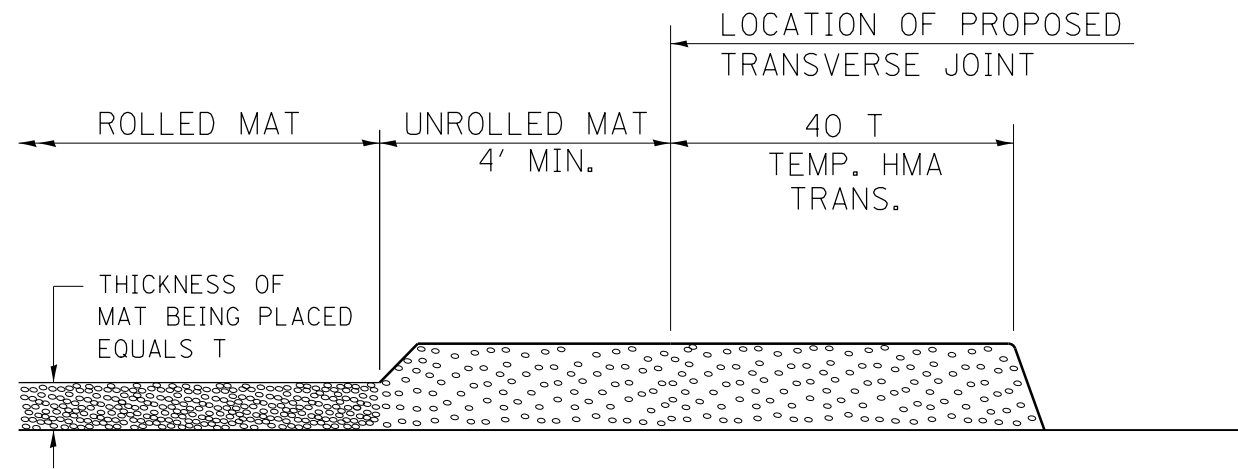


TO BE USED

STA 306+30
 STA 299+35
 INTERSECTION OF IL 148 & HERRIN RD

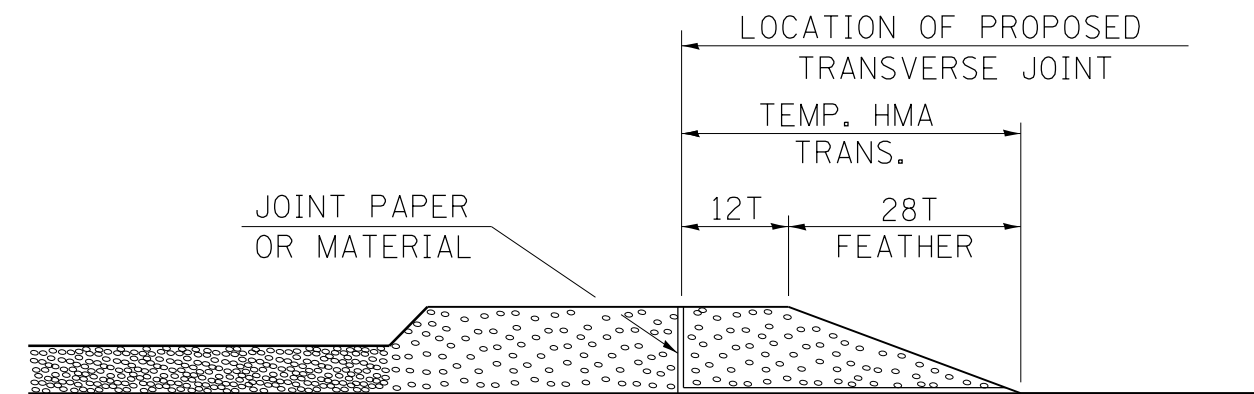
| | | | | | | | | | | | | |
|--|------------------------------|------------|-----------|---|--|--|--|--------------------|---------|------------|--------------|-----------|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETAIL: HMA SURFACE REMOVAL 2" - (BEGINNING AND ENDING) | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 9\Projects\78480\Drawings\CAD\Sheets\shd.dgn | PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - | | | | | 726 | 129R5-8 | WILLIAMSON | 20 | 17 |
| Default | PLOT DATE = 12/11/2015 | DATE - | REVISED - | | SCALE: SHEET OF SHEETS STA. TO STA. | | | CONTRACT NO. 78480 | | | | |
| ILLINOIS FED. AID PROJECT | | | | | | | | | | | | |

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



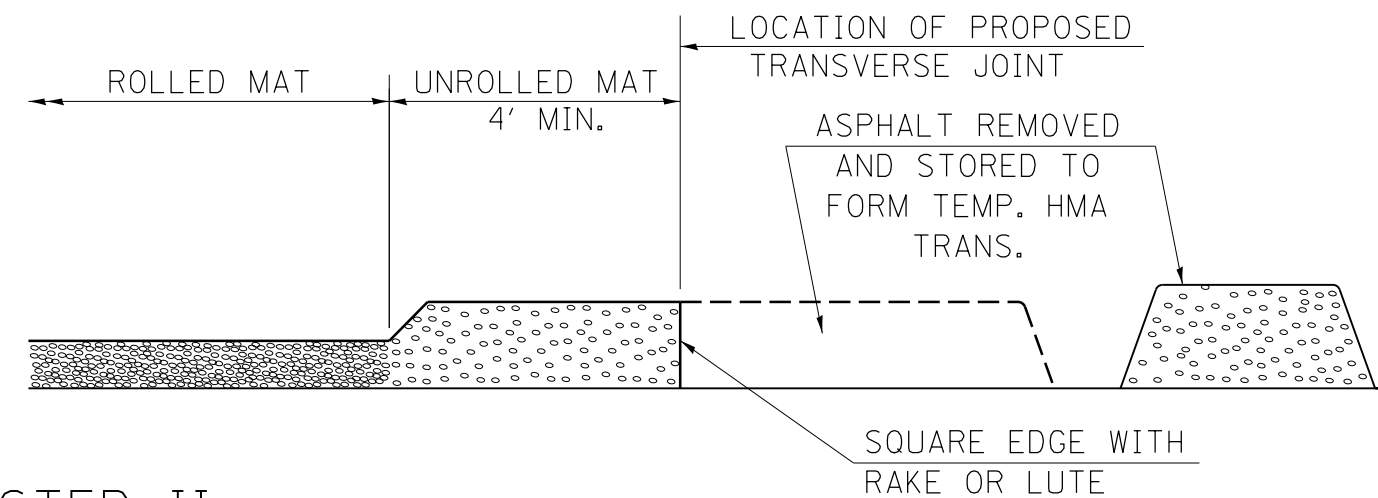
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



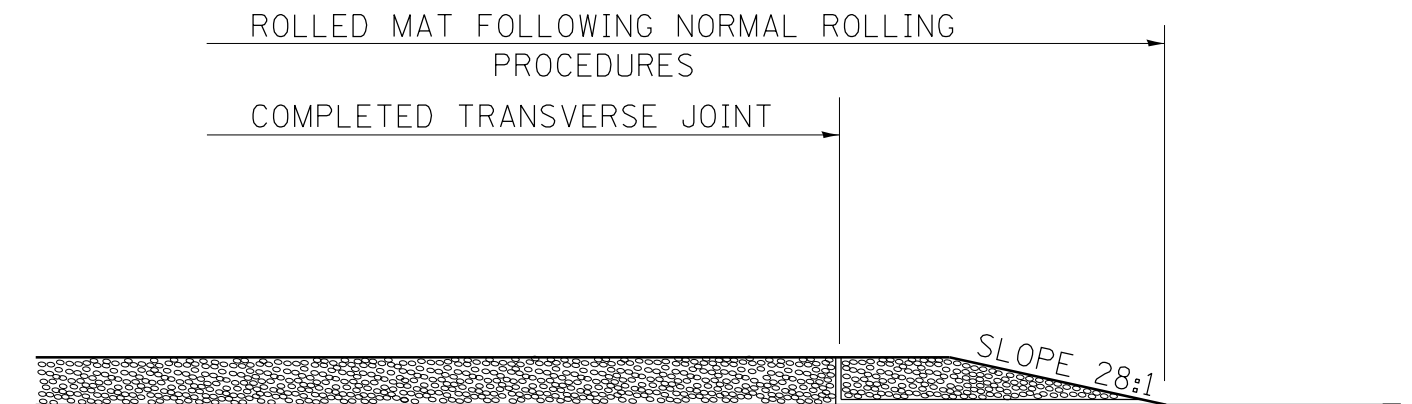
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

REVISIONS

| | |
|---------|----------|
| REDRAWN | 2-15-89 |
| REVISED | 8-16-94 |
| REVISED | 01-09-07 |
| RESIZED | 05-8-08 |
| REVISED | 05-16-13 |

| | | | |
|--|-------------------------------|------------|-----------|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - |
| p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78480\Drawings\CAD\Drawings\shd.dgn | | REVISED - | REVISED - |
| Default | PLOT SCALE = 100.0000' / 1in. | CHECKED - | REVISED - |
| | PLOT DATE = 12/11/2015 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

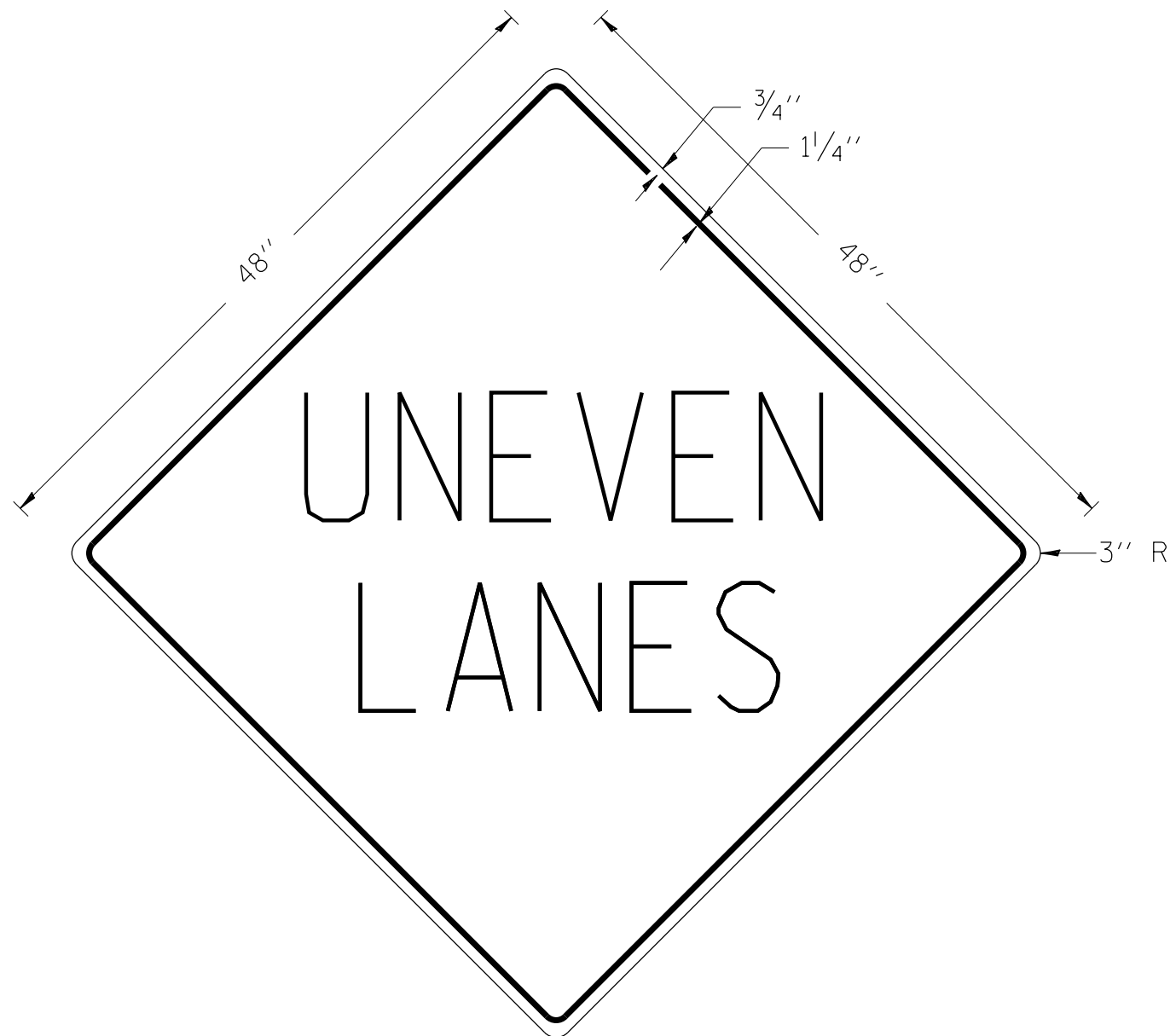
TEMPORARY HOT-MIX ASPHALT TRANSITIONS

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 726 | 129R5-8 | WILLIAMSON | 20 | 18 |
| CONTRACT NO. 78480 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

UNEVEN LANES SIGN

W8-11 (48'' x 48'')



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
 BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

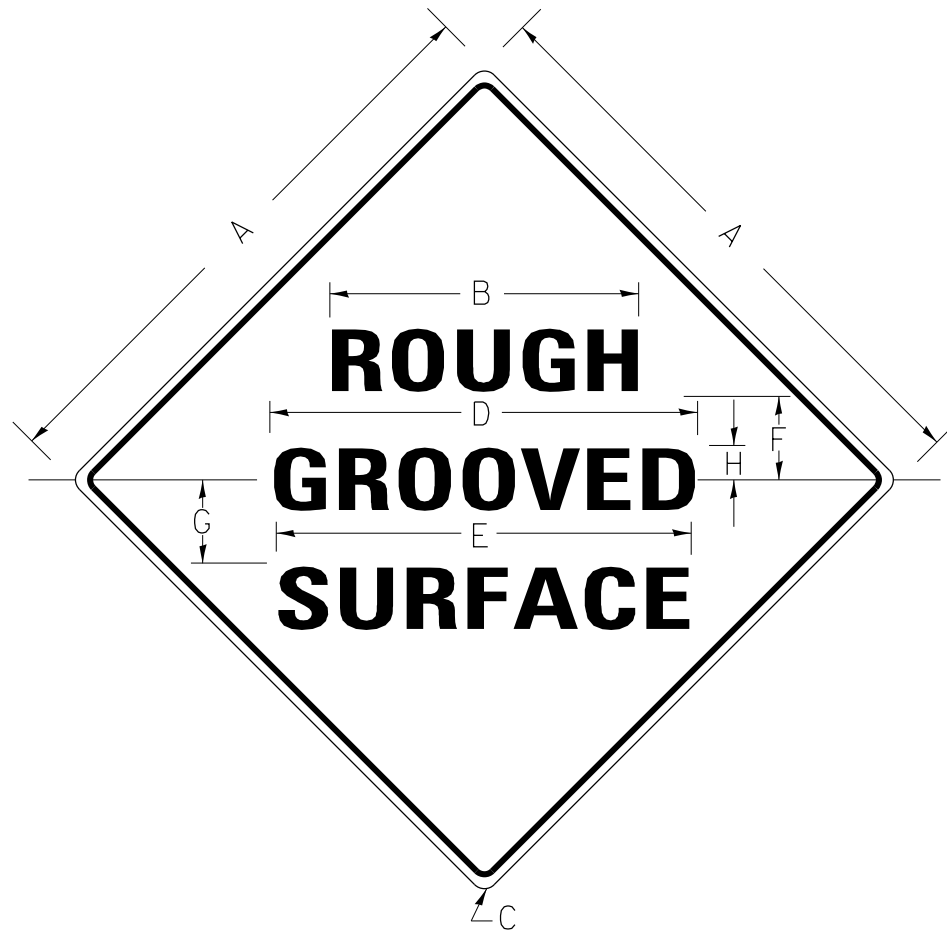
REVISIONS

| | |
|-----------|---------|
| DRAWN | 2-15-89 |
| REVISED | 4-06-93 |
| REDSIGNED | 7-23-04 |
| RESIZED | 5-08-08 |
| REVIEWED | 5-17-13 |

STD. 9-41

| | | | | | | | | | | | | | |
|--|-------------------------------|------------|-----------|---|--------------------------|-------|----|-------------|---------|------------|--------------|---------------------------|--|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | UNEVEN LANES SIGN | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78480\Drawings\CAD\Sheets\shd.dgn | | CHECKED - | REVISED - | | | | | 726 | 129R5-8 | WILLIAMSON | 20 | 19 | |
| Default | PLOT SCALE = 100.0000' / 1in. | DATE - | REVISED - | | SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. | CONTRACT NO. 78480 | |
| | PLOT DATE = 12/11/2015 | | | | | | | | | | | ILLINOIS FED. AID PROJECT | |

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
 BACKGROUND- ORANGE REFLECTORIZED

| SIGN SIZE | DIMENSIONS | | | | | | | |
|-----------|------------|------|-----|------|------|-----|------|-----|
| | A | B | C | D | E | F | G | H |
| 48X48 | 48.0 | 24.1 | 3.0 | 34.0 | 33.0 | 6.0 | 13.0 | 3.5 |

| SIGN SIZE | SERIES LINES | | | MARGIN | BORDER | BLANK STD. |
|-----------|--------------|----|----|--------|--------|------------|
| | 1 | 2 | 3 | | | |
| 48X48 | 7C | 7C | 7C | 0.8 | 1.2 | B4-48D |

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

| | |
|----------|---------|
| REDRAWN | 2-15-89 |
| REVISED | 4-6-93 |
| REVISED | 3-27-08 |
| REVIEWED | 5-17-13 |

STD. 9-39

| | | | | | | | | | | | | |
|---|-------------------------------|------------|-----------|---|-------------------------------------|--|--|---------------------------|---------|------------|--------------|-----------|
| FILE NAME = | USER NAME = brandonja | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | ROUGH GROOVED SURFACE SIGN | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78480\DRAWING\CAD\sheets\shd.dgn | | CHECKED - | REVISED - | | | | | 726 | 129R5-8 | WILLIAMSON | 20 | 20 |
| Default | PLOT SCALE = 100.0000' / 1in. | DATE - | REVISED - | | SCALE: SHEET OF SHEETS STA. TO STA. | | | CONTRACT NO. 78480 | | | | |
| | PLOT DATE = 12/11/2015 | | REVISED - | | | | | ILLINOIS FED. AID PROJECT | | | | |