

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

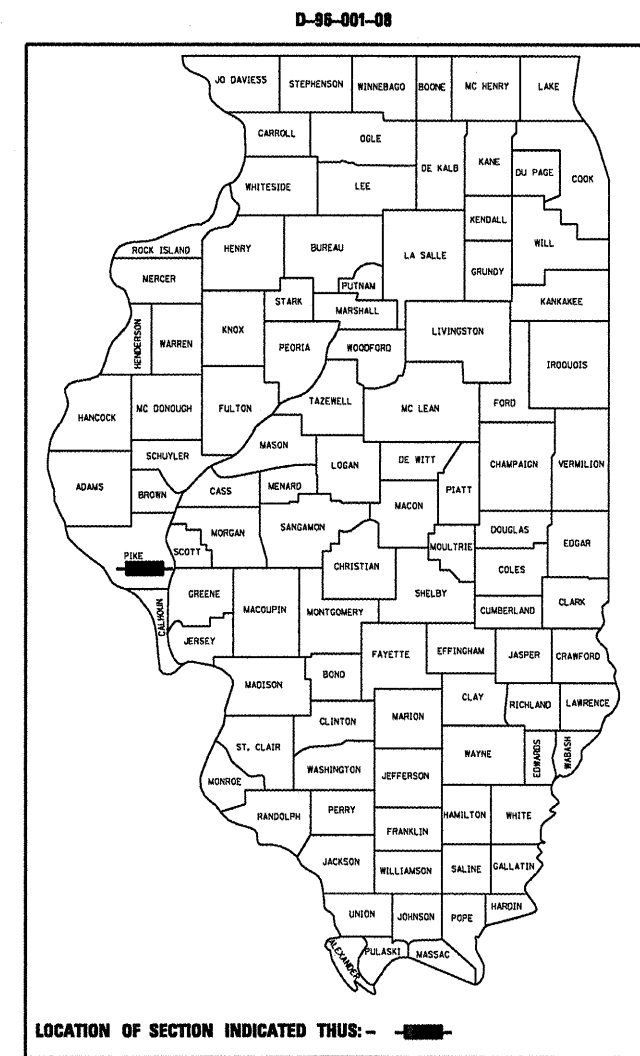
FAP ROUTE 757 (IL 106)
SECTION (20X)RS-5; (21X)RS-3

RESURFACING
PIKE COUNTY

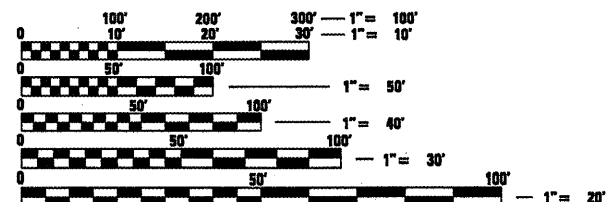
C-96-101-08

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------------------|----------|--------------------|-----------|
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 1 |
| FED. ROAD DIST. NO. | | ILLINOIS | CONTRACT NO. 72B45 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

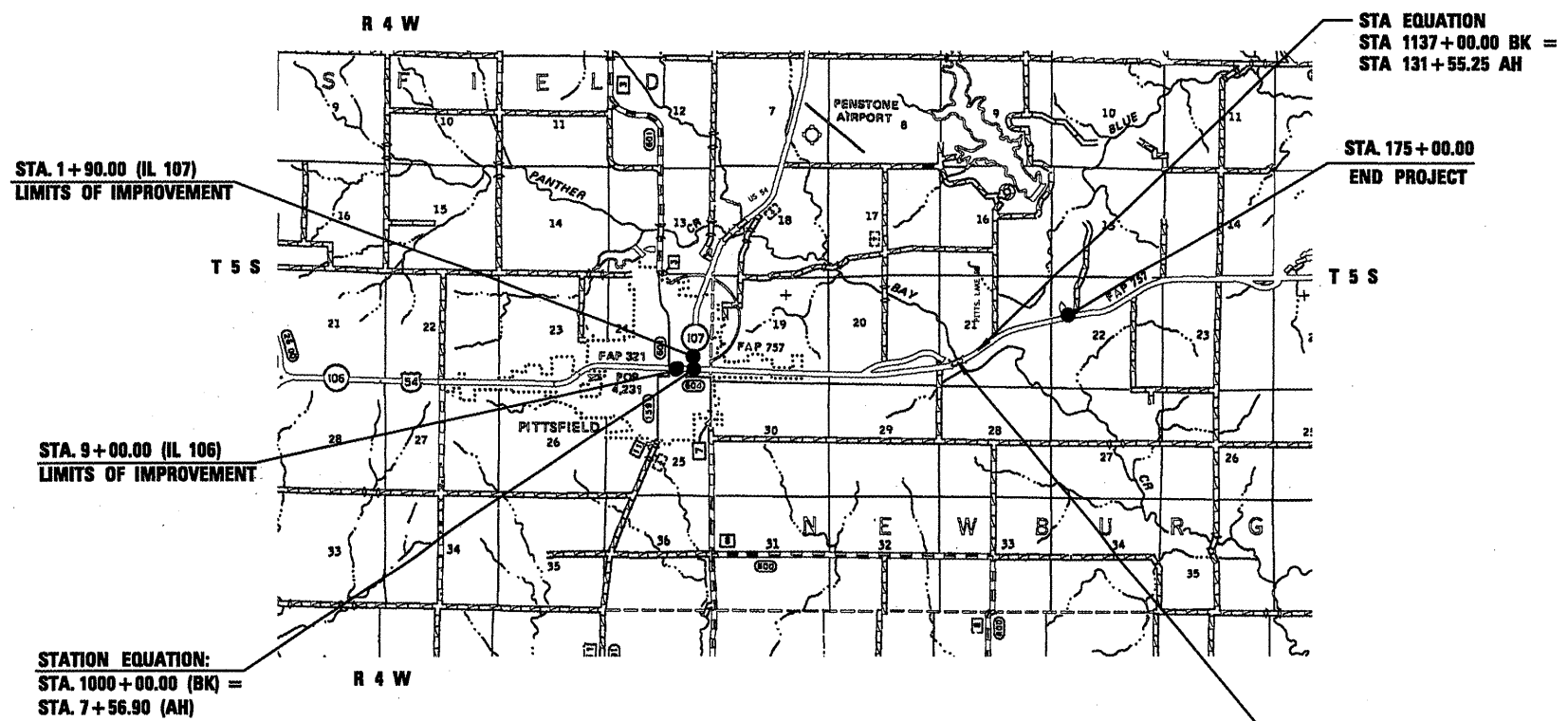


ADT 2617
SU = 8%
MU = 4%
PV = 88%



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 ENGINEER: JOHN NEGANGARD (217-782-6990)
PROJECT MANAGER: JULIET SHOULTZ (217-785-2739)

GROSS LENGTH = 18,531.20 FT. = 3.51 MILE
NET LENGTH = 18,384.20 FT. = 3.48 MILE

CONTRACT NO. 72B45

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 7 2010
Roger Z. Dinkley
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7 2010
Scott E. Stitt, P.E.
ACTING ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

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- 32-34 TRAFFIC SIGNAL DETECTOR LOOP DETAILS

RATES OF APPLICATION

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

| | |
|--------------------------------|---------------------|
| BITUMINOUS (PRIMECOAT) | 0.00038 TON / SY |
| AGGREGATE (PRIMECOAT) | 0.002 TON / SY |
| HOT-MIX ASPHALT SURFACE COURSE | 0.056 TON / SY - IN |
| AGGREGATE | 2.05 TON / CY |
| LEVELING BINDER | 0.056 TON / SY - IN |

MIXTURE REQUIREMENTS

| MIXTURE USE(S): | HMA Surface | INCIDENTAL SURF. | LEVELING BINDER | PATCHING |
|----------------------|----------------|------------------|-----------------|------------|
| PG: | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 |
| DESIGN AIR VOIDS: | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 |
| MIXTURE COMPOSITION: | IL 9.5 or 12.5 | IL 9.5 or 12.5 | IL 9.5 | IL 19 |
| FRICTION | | | | |
| AGGREGATE: | Mix C | Mix C | N/A | N/A |

HIGHWAY STANDARDS

- 000001-05
- 442201-03
- 701201-03
- 701301-03
- 701306-02
- 701311-03
- 701501-05
- 701901-01
- 781001-03

| | |
|---------------------------------|-------|
| DISTRICT SIX | |
| EXAMINED <i>[Signature]</i> | 20 10 |
| OPERATIONS ENGINEER | |
| EXAMINED <i>[Signature]</i> | 20 14 |
| PROGRAM DEVELOPMENT ENGINEER | |
| EXAMINED <i>[Signature]</i> | 20 10 |
| PROJECT IMPLEMENTATION ENGINEER | |

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

- 1.) THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE, TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.
- 2.) LETTER OF UNDERSTANDING WITH THE CITY OF PITTSFIELD (PARKING LANES)

GENERAL NOTES

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS, MONUMENTS, AND PERMANENT SURVEY MARKERS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.

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

ANY REFERENCE TO A STANDARD IN THE 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 THE PLANS.

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, ALL UTILITY LOCATIONS SHOWN ARE SUPPLIED BY THE UTILITY COMPANIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEAL LEVEL DATUM.

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCE, TURN LANES, ETC. WILL BE ALLOWED.

THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS. PHONE: (217) 782-7314. BUREAU OF OPERATIONS SHALL VERIFY NO-PASSING ZONES.

| SUMMARY OF QUANTITIES | | | | CONSTRUCTION CODE: | | 100% STATE | | | |
|-----------------------|---|--------|--------|-----------------------|--------------|------------|-------|-----------------------|---------|
| | | | | MAINLINE & SIDE ROADS | Y025 PARKING | UNIT | TOTAL | MAINLINE & SIDE ROADS | PARKING |
| 44200172 | PAVEMENT PATCHING, TYPE III, 14 INCH | SQ YD | 350 | 350 | -- | | | | |
| 44200174 | PAVEMENT PATCHING, TYPE IV, 14 INCH | SQ YD | 300 | 300 | -- | | | | |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 2 | 2 | -- | | | | |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 12 | 12 | -- | | | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | -- | | | | |
| 70100450 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | L SUM | 1 | 1 | -- | | | | |
| 70100460 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 | L SUM | 1 | 1 | -- | | | | |
| 70102620 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1 | 1 | -- | | | | |
| 70300100 | SHORT-TERM PAVEMENT MARKING | FOOT | 3,664 | 3,664 | -- | | | | |
| * 78000300 | THERMOPLASTIC PAVEMENT MARKING - LINE 5" | FOOT | 1,746 | 1,746 | -- | | | | |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 70 | 70 | -- | | | | |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 611 | 611 | -- | | | | |
| * 78001120 | PAINT PAVEMENT MARKING - LINE 5" | FOOT | 50,089 | 42,664 | 7,425 | | | | |
| * 78004200 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS | SQ FT | 130 | 130 | -- | | | | |
| * 78004230 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" | FOOT | 724 | 724 | -- | | | | |
| * 78004280 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" | FOOT | 110 | 110 | -- | | | | |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 240 | 240 | -- | | | | |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 240 | 240 | -- | | | | |
| * 88600100 | DETECTOR LOOP, TYPE 1 | FOOT | 226 | 226 | -- | | | | |

* SPECIALTY ITEM

| RESURFACING SCHEDULE | | | | | | | | | | | | | | |
|---|---------|-------------|--------------|-----------|--------------------|----------------|-------------|--------------|-----------------|--------------|--------------------|------------|------------|------------|
| Sta to Sta | Length | Avg. Pav. W | Parking Area | Pav. Area | Bit Mat Prime Coat | Agg Prime Coat | HMA Surface | HMA Surf Rem | Leveling Binder | Agg Shoulder | Grade & Shape Shld | Butt Joint | Temp Ramps | |
| | (FT) | (FT) | (FT) | (SY) | (TON) | (TON) | (TON) | (SY) | (TON) | (TON) | (FT) | (SY) | (SY) | |
| MAINLINE | | | | | | | | | | | | | | |
| US 54 | | | | | | | | | | | | | | |
| +20 | 1+90 | 170 | 52 | -- | 982 | 0.7 | 3.9 | 83 | 809 | 41 | -- | -- | 173.3 | 28.9 |
| +28 | +45 | 17 | 44 | -- | 82 | 0.1 | 0.3 | 7 | 34 | 3 | -- | -- | 48.3 | 24.2 |
| IL 106 | | | | | | | | | | | | | | |
| 9+00 | 7+57 | 143 | 56 | -- | 890 | 0.7 | 3.6 | 75 | 704 | 37 | -- | -- | 186.7 | 31.1 |
| STA EQN 1000+00.00BK = 7+56.90AH | | | | | | | | | | | | | | |
| 1000+00 | 1000+90 | 90 | 52 | -- | 520 | 0.4 | 2.1 | 44 | 520 | 22 | -- | -- | -- | -- |
| 1033+29 | 1046+30 | 1,301 | 26 | -- | 3,758 | 2.9 | 15.0 | 316 | 3,758 | 158 | 74 | 26 | -- | -- |
| 1046+30 | 1050+35 | 405 | 26 | -- | 1,170 | 0.9 | 4.7 | 98 | 1,170 | 49 | 12 | 8 | -- | -- |
| 1050+35 | 1058+85 | 850 | 26 | -- | 2,456 | 1.9 | 9.8 | 206 | 2,456 | 103 | 24 | 17 | -- | -- |
| 1058+85 | 1059+97 | 112 | 26 | -- | 324 | 0.1 | 1.3 | 27 | 324 | 14 | 3 | 2 | -- | -- |
| 1059+97 | 1061+86 | 189 | 26 | -- | 546 | 0.4 | 2.2 | 46 | 546 | 23 | 11 | 4 | -- | -- |
| 1061+86 | 1066+59 | 473 | 26 | -- | 1,366 | 1.0 | 5.5 | 115 | 1,366 | 57 | 13 | 9 | -- | -- |
| 1066+59 | 1075+09 | 850 | 26 | -- | 2,456 | 1.9 | 9.8 | 206 | 2,456 | 103 | 24 | 17 | -- | -- |
| 1075+09 | 1076+00 | 91 | 26 | -- | 263 | 0.2 | 1.1 | 22 | 263 | 11 | 5 | 2 | -- | -- |
| 1076+00 | 1078+00 | 200 | 26 | -- | 578 | 0.4 | 2.3 | 49 | 578 | 24 | 11 | 4 | -- | -- |
| 1078+00 | 1089+56 | 1,156 | 26 | -- | 3,341 | 0.1 | 13.4 | 281 | 3,341 | 140 | 66 | 23 | -- | -- |
| 1089+56 | 1100+23 | 1,067 | 26 | -- | 3,082 | 2.3 | 12.3 | 259 | 3,082 | 129 | 61 | 21 | -- | -- |
| 1100+23 | 1100+39 | 16 | 26 | -- | 46 | 0.1 | 0.2 | 4 | 46 | 2 | 1 | 0.3 | -- | -- |
| 1100+39 | 1117+78 | 1,739 | 26 | -- | 5,024 | 3.8 | 20.1 | 422 | 5,024 | 211 | -- | -- | -- | -- |
| 1117+78 | 1124+37 | 659 | 30 | -- | 2,198 | 1.7 | 8.8 | 185 | 2,198 | 92 | 38 | 13 | -- | -- |
| 1124+37 | 1125+06 | 69 | 30 | -- | 229 | 0.2 | 0.9 | 19 | 229 | 10 | 4 | 1 | 33.3 | 16.7 |
| OMISSION: STA. 1125+06 TO STA. 1126+53 | | | | | | | | | | | | | | |
| 1126+53 | 1134+75 | 822 | 28 | -- | 2,557 | 1.9 | 10.2 | 215 | 2,557 | 107 | 47 | 16 | 31.1 | 15.6 |
| 1134+75 | 1136+78 | 203 | 26 | -- | 585 | 0.4 | 2.3 | 49 | 585 | 25 | 12 | 4 | -- | -- |
| 1136+78 | 1137+00 | 23 | 26 | -- | 65 | 0.1 | 0.3 | 5 | 65 | 3 | 1 | 45 | -- | -- |
| STA.EQN 1137+00.00BK = 131+55.25AH | | | | | | | | | | | | | | |
| 131+55 | 140+30 | 875 | 26 | -- | 2,527 | 1.9 | 10.1 | 212 | 2,527 | 106 | 50 | 17 | -- | -- |
| 140+30 | 141+50 | 120 | 26 | -- | 346 | 0.3 | 1.4 | 29 | 346 | 15 | 7 | 2 | -- | -- |
| 141+50 | 146+79 | 529 | 26 | -- | 1,529 | 0.1 | 6.1 | 128 | 1,529 | 64 | 30 | 11 | -- | -- |
| 146+79 | 148+09 | 130 | 26 | -- | 375 | 0.3 | 1.5 | 31 | 375 | 16 | 7 | 3 | -- | -- |
| 148+09 | 152+36 | 428 | 26 | -- | 1,236 | 0.9 | 4.9 | 104 | 1,236 | 52 | 24 | 9 | -- | -- |
| 152+36 | 154+70 | 234 | 26 | -- | 675 | 0.5 | 2.7 | 57 | 675 | 28 | 13 | 5 | -- | -- |
| 154+70 | 175+00 | 2,030 | 26 | -- | 5,864 | 4.5 | 24.0 | 493 | 5,864 | 246 | 116 | 41 | 86.67 | 14.44 |
| PARKING AREA | | | | | | | | | | | | | | |
| 1000+90 | 1033+29 | 3,239 | 26 | 5,758 | 9,357 | 4.4 | 23.0 | 726 | 5,758 | -- | -- | -- | -- | -- |
| PARKING AREA TOTAL | | | | | | 4.4 | 23.0 | 726 | 5,758 | -- | 0.0 | 0.0 | 0.0 | 0.0 |
| MAINLINE TOTAL | | | | | | 31 | 181 | 3786 | 44660 | 1893 | 654 | 301 | 560 | 131 |
| JOB TOTAL | | | | | | 35 | 204 | 4,512 | 50,418 | 1,893 | 654 | 301 | 560 | 131 |
| PAVEMENT PATCHING | | | | | | | | | | | | | | |
| Type | (SY) | | | | | | | | | | | | | |
| TY II | 645 | | | | | | | | | | | | | |
| TY III | 350 | | | | | | | | | | | | | |
| TY IV | 300 | | | | | | | | | | | | | |

| PAVEMENT MARKING SCHEDULE | | | | | | |
|---|---------|--------|-----------------------|---------------------------|----------------------------|------------------------------------|
| STATION TO STATION | | LENGTH | SHORT-TERM CENTERLINE | WORKZONE PAVT MKG REMOVAL | RAISED REFLECTIVE PAVT MKR | RAISED REFLECTIVE PAVT MKR REMOVAL |
| | | (FT) | (FT) | (SQ FT) | (EACH) | (EACH) |
| US 54 | | | | | | |
| +20 | 1+90 | 170 | 34 | 6 | 5 | 5 |
| +28 | +45 | 17 | 3 | 1 | 5 | 5 |
| IL 106 | | | | | | |
| 7+80 | 9+00 | 120 | 24 | 4 | 5 | 5 |
| STA EQN 1000+90.00BK = 7+56.90AH | | | | | | |
| 1000+30 | 1137+00 | 13,670 | 2734 | 456 | 171 | 171 |
| STA.EQN 1137+00.00BK = 131+55.25AH | | | | | | |
| 131+55 | 175+00 | 4,345 | 869 | 145 | 54 | 54 |
| SUB-TOTAL | | | 3664 | 611 | 240 | 240 |
| TOTALS | | | 3664 | 611 | 240 | 240 |

| PAINT PAVT MKG 5" | | | | | | |
|---|---------|--------|------------------|-------------|----------------|-----------|
| STATION TO STATION | | LENGTH | EDGE OF PAVEMENT | DBL NO PASS | SINGLE NO PASS | SKIP DASH |
| | | (FT) | (FT) | (FT) | (FT) | (FT) |
| US 54 | | | | | | |
| +20 | 1+90 | 170 | 340 | -- | -- | -- |
| +28 | +45 | 17 | 34 | -- | -- | -- |
| IL 106 | | | | | | |
| 7+80 | 9+00 | 120 | 240 | -- | -- | -- |
| STA EQN 1000+90.00BK = 7+56.90AH | | | | | | |
| 1000+30 | 1033+30 | 3,300 | 6,600 | -- | -- | 825 |
| 1033+30 | 1137+00 | 10,370 | 20,740 | 1880 | 4280 | 2123 |
| STA.EQN 1137+00.00BK = 131+55.25AH | | | | | | |
| 131+55 | 175+00 | 4,345 | 8,690 | -- | 3470 | 868 |
| SUB-TOTALS | | | 36644 | 1880 | 7750 | 3815 |
| TOTAL | | | 50089 | | | |

| STATION TO STATION | PREFORMED PLASTIC TYPE B - INLAID | | THERMOPLASTIC | | PREFORMED LETTERS & SYMBOLS (SQ FT) |
|------------------------------------|-----------------------------------|----------------|----------------|-----------------|-------------------------------------|
| | 6" WHITE (FT) | 24" WHITE (FT) | 5" YELLOW (FT) | 12" YELLOW (FT) | |
| US 54 / IL 106 INTERSECTION | | | | | |
| CROSS WALKS | 444 | -- | | -- | -- |
| STOP BARS | -- | 110 | | -- | -- |
| TURN LANE LINE | 280 | -- | 1356 | -- | -- |
| CHANNELIZATION | -- | -- | 390 | 70 | -- |
| TURN ARROWS | -- | -- | | -- | 130 |
| TOTALS | 724 | 110 | 1746 | 70 | 130 |

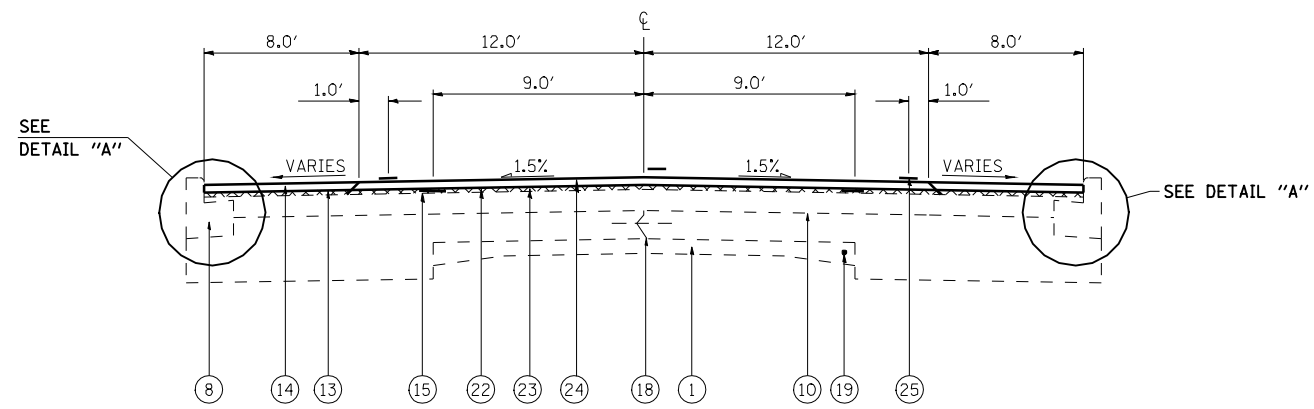
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| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - |
| e:\pwwork\pwidot\LAUGHLINRL\dna25724\672b45-sh-t-schedule.dgn | | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | | CHECKED - | REVISED - |
| PLOT DATE = Apr-08-2010 09:01:28AM | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

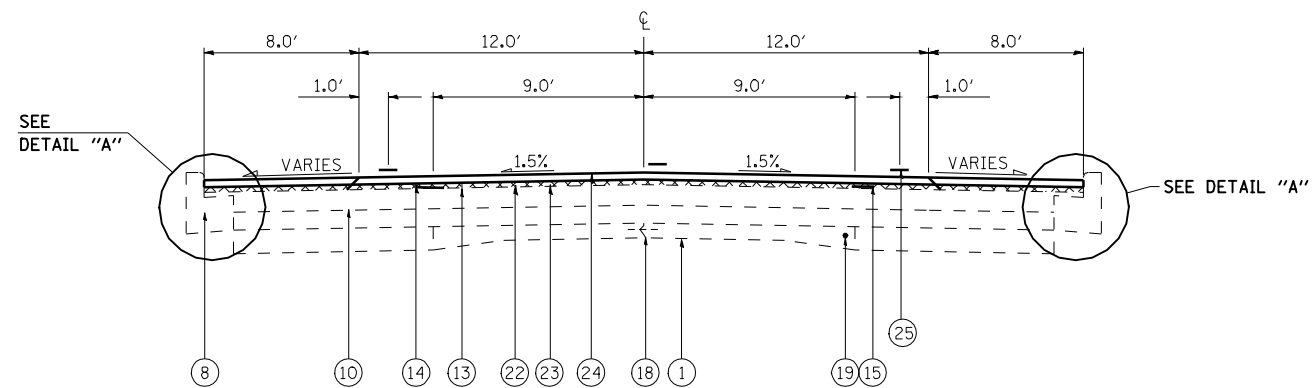
| | |
|-------------------------------|--------------------------------------|
| SCHEDULE OF QUANTITIES | |
| SCALE: | SHEET NO. 2 OF 3 SHEETS STA. TO STA. |

| | | | | |
|---|----------------------|--------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 5 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 72B45 | |

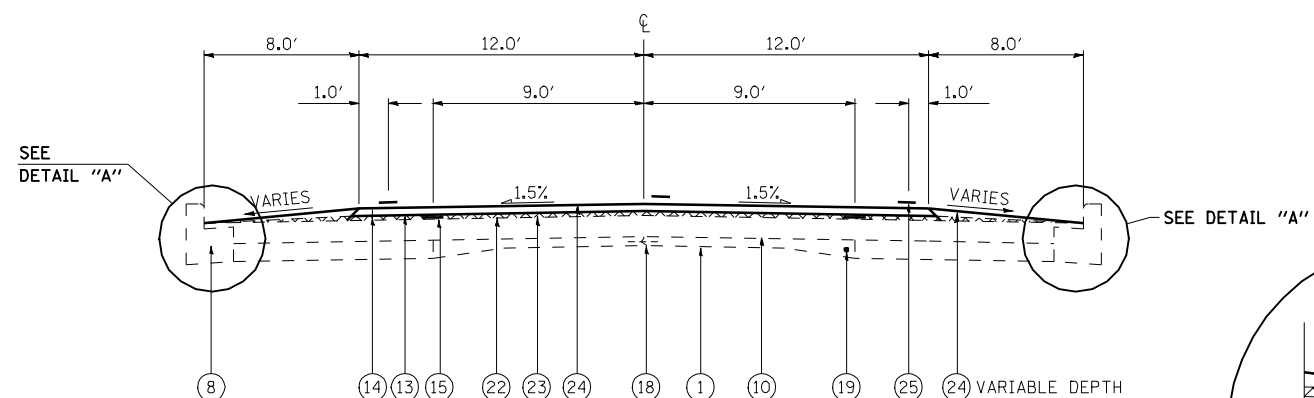
| ENTRANCE IMPROVEMENT SCHEDULE | | | | | | | | | | | | |
|-------------------------------|------------------|---------------|---------------------------|----------------|--|-------------|---------------|----------------------------|----------------------|-----------------|-----------------------|-----------------------|
| LOCATION | TYPE OF ENTRANCE | MATERIAL TYPE | WIDTH AT EDGE OF PAVEMENT | ENTRANCE WIDTH | LENGTH (EOP/BIT SHLD TO LIMITS OF IMPRV) | AREA | PREP. OF BASE | HMA SURF REM. - BUTT JOINT | BIT MATLS PRIME COAT | AGG. PRIME COAT | INCIDENTAL BIT. SURF. | AGG. SURF CRSE TYPE B |
| STATION | | (EX / PR) | FOOT | FOOT | FOOT | SQ. YD. | SQ. YD. | SQ. YD. | TON | TON | TON | TON |
| 1004+07 | SIDE ROAD | HMA | 56 | 22 | 22 | 95 | 95 | 95 | 0.1 | 0.2 | 13 | -- |
| 1004+07 | SIDE ROAD | HMA | 49 | 27 | 22 | 93 | 93 | 93 | 0.1 | 0.2 | 13 | -- |
| 1033+58 | CE | HMA | 58 | 53 | 10 | 62 | 62 | 62 | 0.1 | 0.1 | 9 | -- |
| 1034+59 | CE | HMA | 40 | 35 | 10 | 42 | 42 | 42 | 0.1 | 0.1 | 6 | -- |
| 1035+18 | PE | AGG | 54 | 38 | 8 | 41 | 41 | --- | 0.1 | 0.1 | 6 | 6 |
| 1035+33 | CE | HMA | 42 | 37 | 10 | 44 | 44 | 44 | 0.1 | 0.1 | 6 | -- |
| 1036+30 | CE | HMA | 32 | 27 | 10 | 33 | 33 | 33 | 0.1 | 0.1 | 5 | -- |
| 1036+60 | PE | HMA | 54 | 49 | 8 | 46 | 46 | 46 | 0.1 | 0.1 | 6 | -- |
| 1038+75 | PE | AGG | 90 | 80 | 8 | 76 | 76 | --- | 0.1 | 0.2 | 11 | 11 |
| 1040+05 | PE | AGG | 62 | 57 | 8 | 53 | 53 | --- | 0.1 | 0.1 | 7 | 7 |
| 1040+75 | PE | AGG | 48 | 37 | 7 | 33 | 33 | --- | 0.1 | 0.1 | 5 | 5 |
| 1044+10 | CE | AGG | 54 | 49 | 8 | 46 | 46 | --- | 0.1 | 0.1 | 6 | 6 |
| 1045+90 | PE | HMA | 54 | 45 | 7 | 39 | 39 | 39 | 0.1 | 0.1 | 5 | -- |
| 1048+90 | MB | HMA | 13 | 10 | 8 | 10 | 10 | 10 | 0.1 | 0.1 | 1 | -- |
| 1049+30 | PE | HMA | 95 | 23 | 8 | 52 | 52 | 52 | 0.1 | 0.1 | 7 | 7 |
| 1054+20 | MB | HMA | 29 | 24 | 10 | 29 | 29 | 29 | 0.1 | 0.1 | 4 | -- |
| 1054+80 | PE | HMA | 88 | 80 | 45 | 420 | 420 | 420 | 0.1 | 0.8 | 59 | 59 |
| 1058+55 | HANLEY RD | HMA | 75 | 50 | 33 | 229 | 229 | 229 | 0.1 | 0.5 | 32 | -- |
| 1065+20 | PE | O&C | 68 | 40 | 10 | 60 | 60 | 60 | 0.1 | 0.1 | 8 | -- |
| 1078+75 | 243rd AVE. | O&C | 66 | 45 | 8 | 49 | 49 | 49 | 0.1 | 0.1 | 7 | -- |
| 1091+90 | PE | AGG | 50 | 45 | 8 | 42 | 42 | --- | 0.1 | 0.1 | 6 | 6 |
| 1099+10 | PE | AGG | 42 | 37 | 8 | 35 | 35 | --- | 0.1 | 0.1 | 5 | 5 |
| 1118+20 | 410th AVE. | HMA | 66 | 45 | 8 | 49 | 49 | 49 | 0.1 | 0.1 | 7 | -- |
| 1118+50 | 410th AVE. | HMA | 94 | 76 | 8 | 76 | 76 | 76 | 0.1 | 0.2 | 11 | -- |
| 141+52 | PE | AGG | 24 | 12 | 6 | 12 | 12 | --- | 0.1 | 0.1 | 2 | 2 |
| 143+00 | 415th St. | O&C | 90 | 64 | 10 | 86 | 86 | 86 | 0.1 | 0.2 | 12 | -- |
| 160+25 | PE | HMA | 24 | 16 | 8 | 18 | 18 | 18 | 0.1 | 0.1 | 2 | 2 |
| 162+50 | PE | HMA | 87 | 32 | 8 | 53 | 53 | 53 | 0.1 | 0.1 | 7 | 7 |
| 162+60 | MB | AGG | 16 | 14 | 8 | 13 | 13 | --- | 0.1 | 0.1 | 2 | 2 |
| 162+60 | PE | AGG | 44 | 41 | 10 | 47 | 47 | -- | 0.1 | 0.1 | 7 | 7 |
| TOTAL | | | | | | 1982 | 1982 | 1584 | 3 | 4 | 278 | 132 |



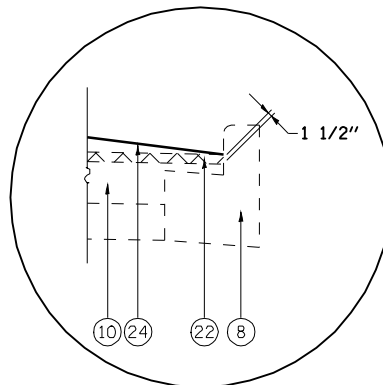
STA. 1021+25 TO 1025+25



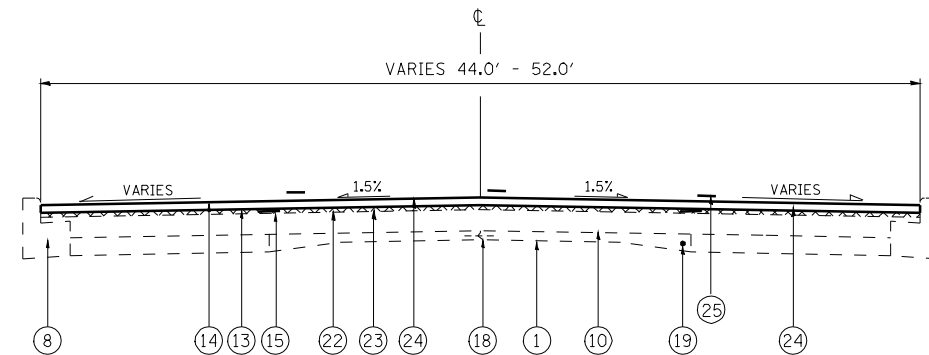
STA. 1018+50 TO 1021+25
STA. 1025+25 TO 1025+50



STA. 1000+00 TO 1018+50
STA. 1025+50 TO 1033+29
STA. 7+56.90 TO 9+00



DETAIL "A"



STA. 0+20.00 TO 1+90.00 (IL 107)
STA. 0+28.00 TO 0+45.00 (S. JACKSON ST.)

LEGEND

- (1) EXISTING P.C.C. PAVEMENT, 9"-6"-9"
- (2) EXISTING P.C.C. BASE COURSE, 9"
- (3) EXISTING P.C.C. BASE COURSE WIDENING, 9"
- (4) EXISTING P.C.C. PAVEMENT, 9"
- (5) EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, 12"
- (7) EXISTING CONCRETE CURB & GUTTER, TYPE B
- (8) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) EXISTING HOT-MIX ASPHALT CONCRETE, 7.5"
- (10) EXISTING HOT-MIX ASPHALT CONCRETE, 6"
- (11) EXISTING HOT-MIX ASPHALT CONCRETE, 3"
- (12) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 1"
- (13) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 0.75"
- (14) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX C, CLASS I, TYPE 2, 1.5"
- (15) EXISTING HOT-MIX ASPHALT CRACK CONTROL TREATMENT
- (16) EXISTING AGGREGATE SHOULDERS, TYPE A
- (17) EXISTING 0.5" DEFORMED BAR
- (18) EXISTING 0.5" DEFORMED BAR AND LONGITUDINAL METAL JOINT
- (19) EXISTING 0.75" SMOOTH BAR
- (20) EXISTING FABRIC PAVEMENT
- (21) PROPOSED AGGREGATE SHOULDERS, TYPE B
- (22) PROPOSED HOT MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- (23) PROPOSED LEVELING BINDER, 0.75"
- (24) PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX C, 1 1/2"
- (25) PROPOSED PAVEMENT MARKING, LINE - 5"

STATION EQUATION:
STA. 1000+00.00 (BK) = STA. 7+56.90 (AH)

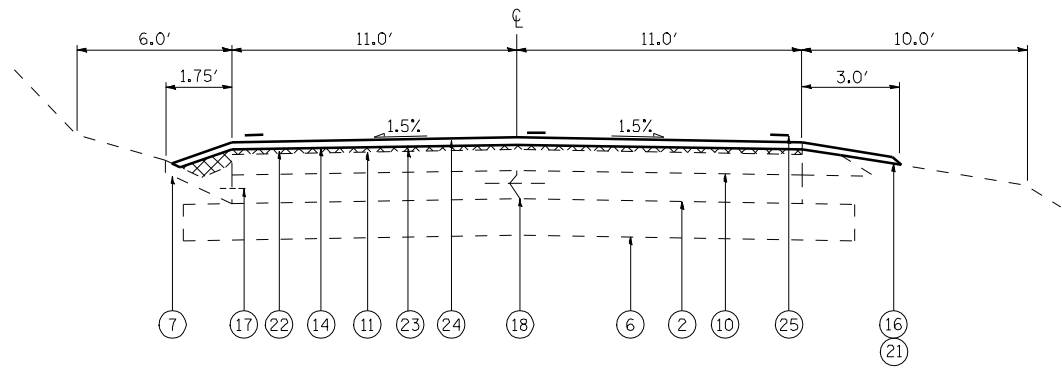
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| | PLOT SCALE = 48.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Apr-07-2010 11:37:09AM | DATE - 7/15/08 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

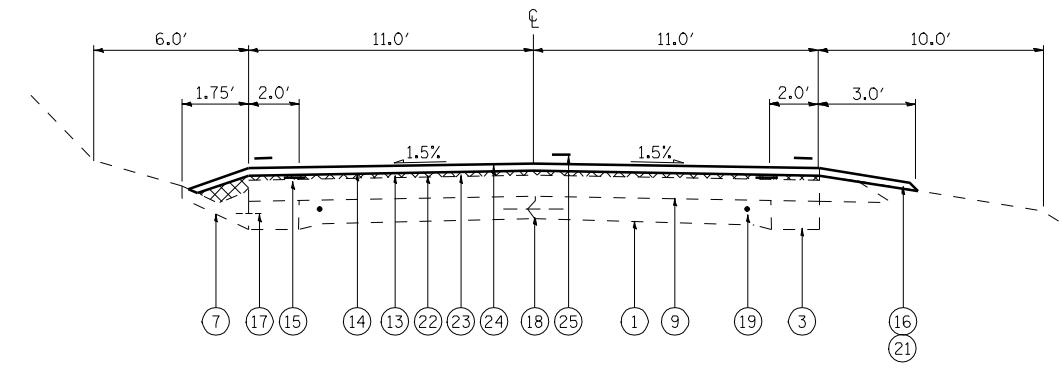
TYPICAL SECTIONS

SCALE: SHEET NO. 1 OF 6 SHEETS STA. TO STA.

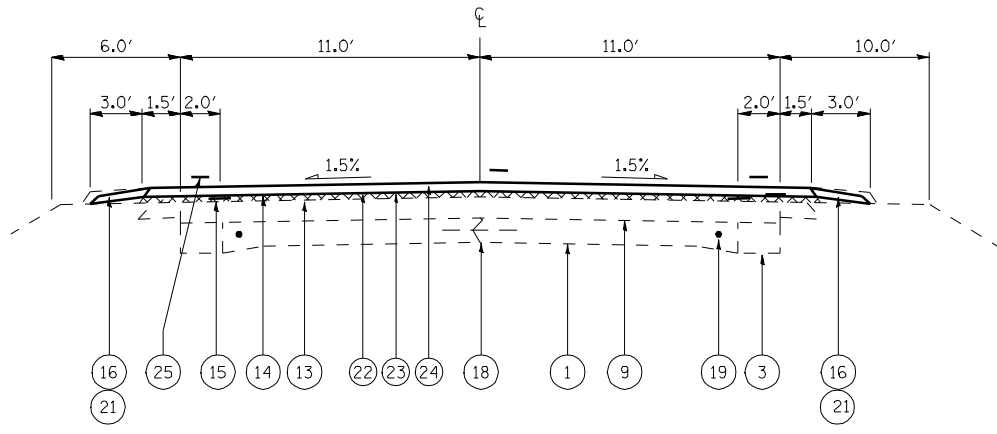
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------------|--------|--------------|-----------|
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 7 |
| CONTRACT NO. 72B45 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



STA. 1050+35 TO 1058+85



STA. 1046+30 TO 1050+35
 STA. 1058+85 TO 1059+97
 STA. 1061+86 TO 1066+59

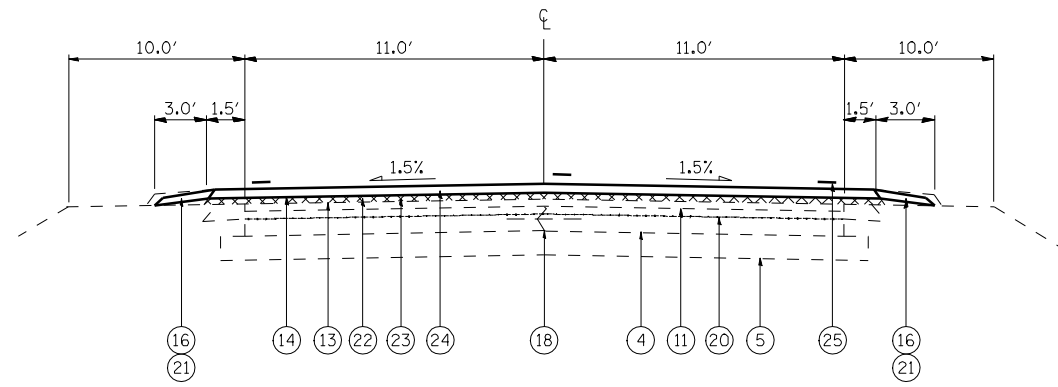


STA. 1033+29 TO 1046+30
 STA. 1059+97 TO 1061+86

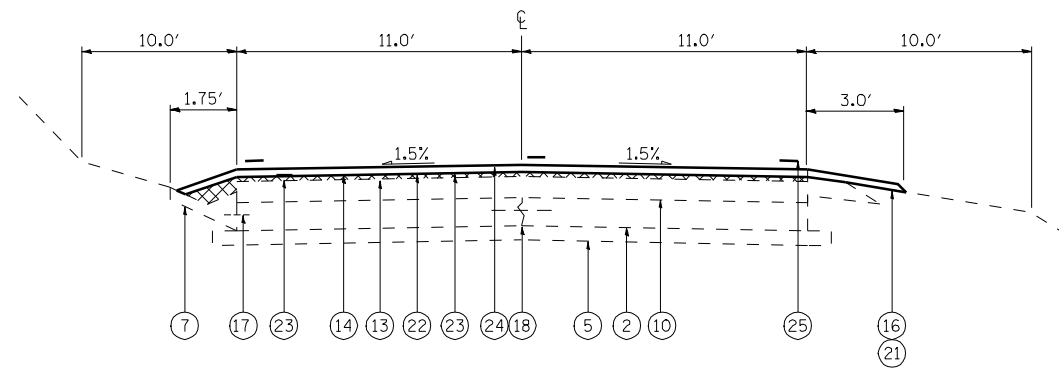
LEGEND

- (1) EXISTING P.C.C. PAVEMENT, 9'-6'-9"
- (2) EXISTING P.C.C. BASE COURSE, 9"
- (3) EXISTING P.C.C. BASE COURSE WIDENING, 9"
- (4) EXISTING P.C.C. PAVEMENT, 9"
- (5) EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, 12"
- (7) EXISTING CONCRETE CURB & GUTTER, TYPE B
- (8) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) EXISTING HOT-MIX ASPHALT CONCRETE, 7.5"
- (10) EXISTING HOT-MIX ASPHALT CONCRETE, 6"
- (11) EXISTING HOT-MIX ASPHALT CONCRETE, 3"
- (12) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 1"
- (13) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 0.75"
- (14) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX C, CLASS I, TYPE 2, 1.5"
- (15) EXISTING HOT-MIX ASPHALT CRACK CONTROL TREATMENT
- (16) EXISTING AGGREGATE SHOULDERS, TYPE A
- (17) EXISTING 0.5" DEFORMED BAR
- (18) EXISTING 0.5" DEFORMED BAR AND LONGITUDINAL METAL JOINT
- (19) EXISTING 0.75" SMOOTH BAR
- (20) EXISTING FABRIC PAVEMENT
- (21) PROPOSED AGGREGATE SHOULDERS, TYPE B
- (22) PROPOSED HOT MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- (23) PROPOSED LEVELING BINDER, 0.75"
- (24) PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX C, 1 1/2"
- (25) PROPOSED PAVEMENT MARKING, LINE - 5"

| | | | | | | | | | | | |
|--|-----------------------------|----------------|-----------|---|-------------------------|--------------|--------------------|----------------------|--------|--------------|-----------|
| FILE NAME = e:\pwork\pwidot\LAUGHLINRL\dms25724\672b45-ah-typical.dgn | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL SECTIONS | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 48.0000' / IN. | DRAWN - BMD | REVISED - | | | | 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 8 |
| PLOT DATE = Apr-07-2010 11:37:11AM | CHECKED - | DATE - 7/15/08 | REVISED - | SCALE: | SHEET NO. 2 OF 6 SHEETS | STA. TO STA. | CONTRACT NO. 72B45 | | | | |
| | | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | | |

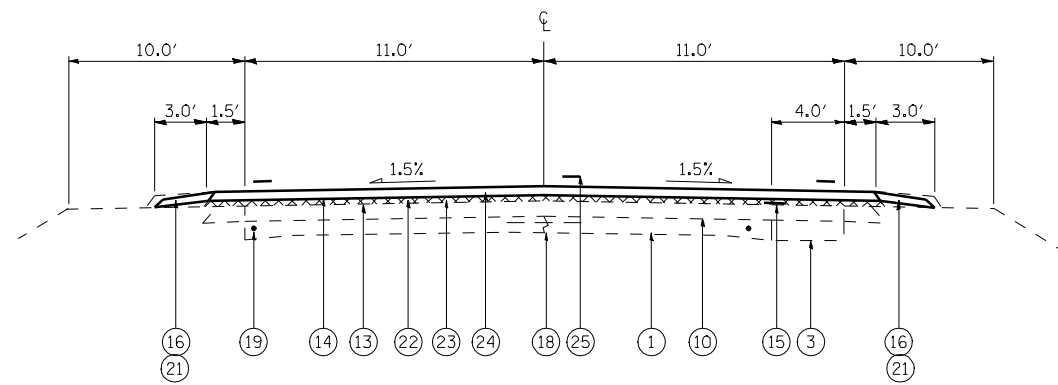


STA. 1076+00 to 1078+00



STA. 1066+59 TO 1075+09

NOTE: GUTTER ENDS LT. STA. 1072+57



STA. 1075+09 TO 1076+00
HMA CONC. RAMP STA. 1076+00 TO 1076+60 (6" TO 3")

LEGEND

- (1) EXISTING P.C.C. PAVEMENT, 9"-6"-9"
- (2) EXISTING P.C.C. BASE COURSE, 9"
- (3) EXISTING P.C.C. BASE COURSE WIDENING, 9"
- (4) EXISTING P.C.C. PAVEMENT, 9"
- (5) EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, 12"
- (7) EXISTING CONCRETE CURB & GUTTER, TYPE B
- (8) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) EXISTING HOT-MIX ASPHALT CONCRETE, 7.5"
- (10) EXISTING HOT-MIX ASPHALT CONCRETE, 6"
- (11) EXISTING HOT-MIX ASPHALT CONCRETE, 3"
- (12) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 1"
- (13) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 0.75"
- (14) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX C, CLASS I, TYPE 2, 1.5"
- (15) EXISTING HOT-MIX ASPHALT CRACK CONTROL TREATMENT
- (16) EXISTING AGGREGATE SHOULDERS, TYPE A
- (17) EXISTING 0.5" DEFORMED BAR
- (18) EXISTING 0.5" DEFORMED BAR AND LONGITUDINAL METAL JOINT
- (19) EXISTING 0.75" SMOOTH BAR
- (20) EXISTING FABRIC PAVEMENT
- (21) PROPOSED AGGREGATE SHOULDERS, TYPE B
- (22) PROPOSED HOT MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- (23) PROPOSED LEVELING BINDER, 0.75"
- (24) PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX C, 1 1/2"
- (25) PROPOSED PAVEMENT MARKING, LINE - 5"

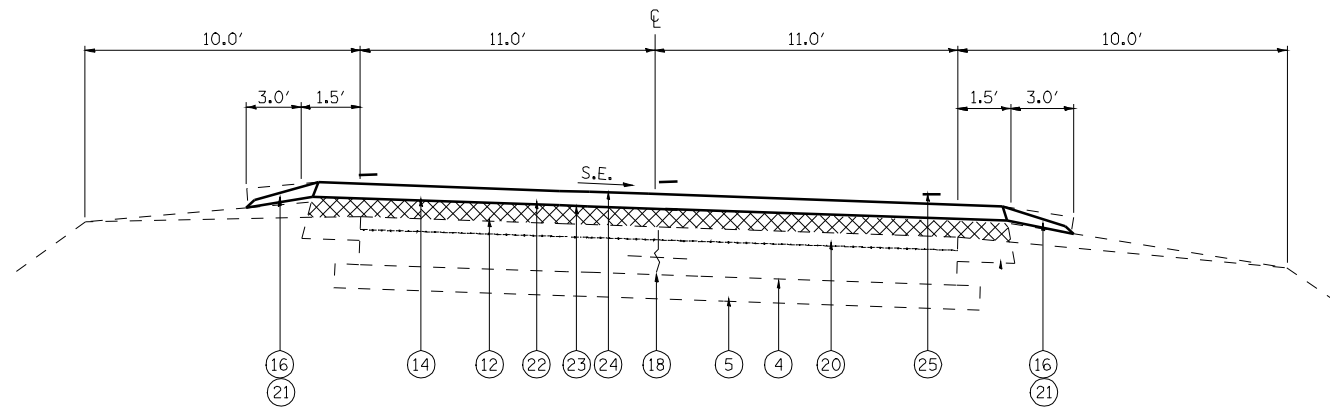
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|--|------------------------------------|----------------|-----------|
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| | PLOT SCALE = 48.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Apr-07-2010 11:37:13AM | DATE - 7/15/08 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

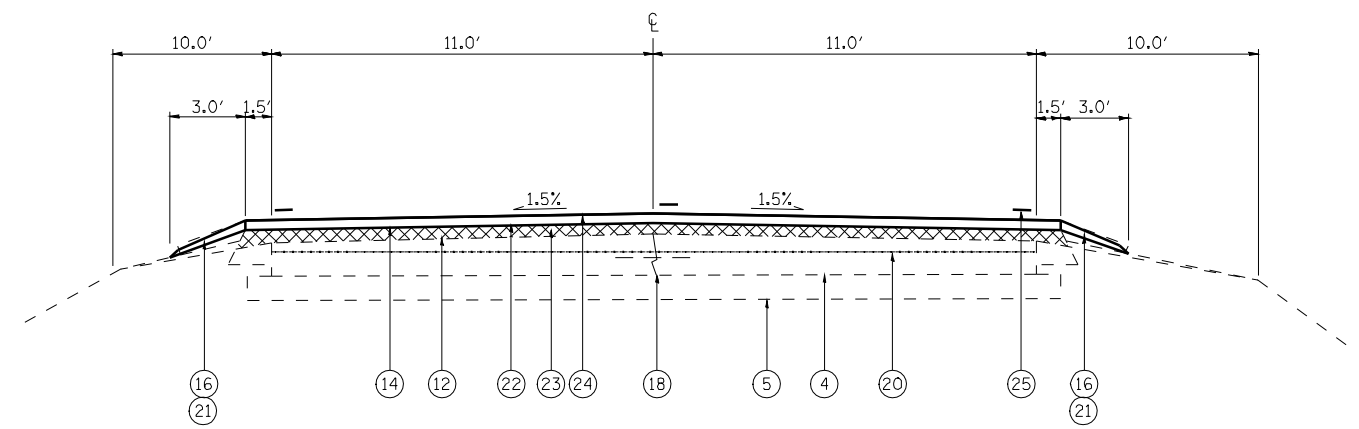
SCALE: SHEET NO. 3 OF 6 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------------|--------|--------------|-----------|
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 9 |
| CONTRACT NO. 72B45 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

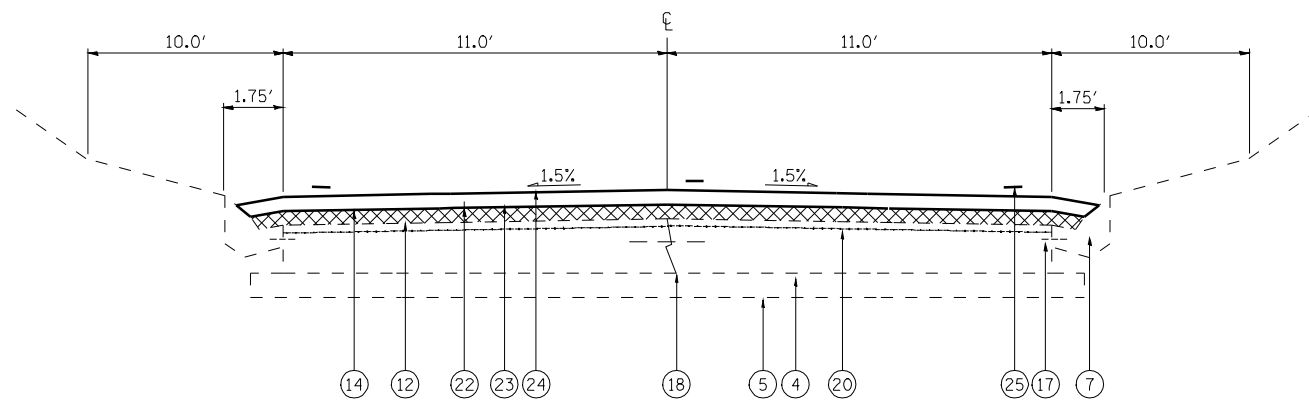


STA. 1089+56.37 TO 1100+23.07
 STA. 1124+37.30 TO 1125+06
 STA. 1126+53 TO 1134+75

NOTE: OMISSION STA. 1125+06 STA. 1126+53 SN 075-0011



STA. 1078+00 TO 1089+56.37
 STA. 1100+23.07 TO 1100+39
 STA. 1117+78 TO 1124+37.30



STA. 1100+39 TO 1117+78

NOTE: GUTTER BEGINS LT. STA. 1101+34
 GUTTER ENDS RT. STA. 1117+33

LEGEND

- (1) EXISTING P.C.C. PAVEMENT, 9'-6"-9"
- (2) EXISTING P.C.C. BASE COURSE, 9"
- (3) EXISTING P.C.C. BASE COURSE WIDENING, 9"
- (4) EXISTING P.C.C. PAVEMENT, 9"
- (5) EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, 12"
- (7) EXISTING CONCRETE CURB & GUTTER, TYPE B
- (8) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) EXISTING HOT-MIX ASPHALT CONCRETE, 7.5"
- (10) EXISTING HOT-MIX ASPHALT CONCRETE, 6"
- (11) EXISTING HOT-MIX ASPHALT CONCRETE, 3"
- (12) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 1"
- (13) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 0.75"
- (14) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX C, CLASS I, TYPE 2, 1.5"
- (15) EXISTING HOT-MIX ASPHALT CRACK CONTROL TREATMENT
- (16) EXISTING AGGREGATE SHOULDERS, TYPE A
- (17) EXISTING 0.5" DEFORMED BAR
- (18) EXISTING 0.5" DEFORMED BAR AND LONGITUDINAL METAL JOINT
- (19) EXISTING 0.75" SMOOTH BAR
- (20) EXISTING FABRIC PAVEMENT
- (21) PROPOSED AGGREGATE SHOULDERS, TYPE B
- (22) PROPOSED HOT MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- (23) PROPOSED LEVELING BINDER, 0.75"
- (24) PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX C, 1 1/2"
- (25) PROPOSED PAVEMENT MARKING, LINE - 5"

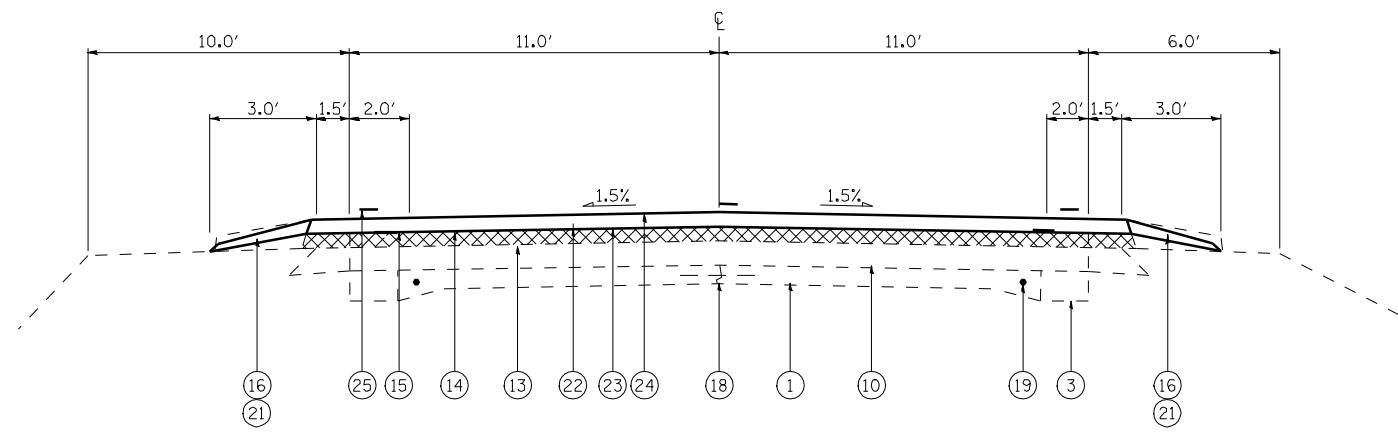
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| PLOT SCALE = 40.0000' / IN. | | CHECKED - | REVISED - |
| PLOT DATE = Apr-07-2010 11:37:15AM | | DATE - 7/15/08 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

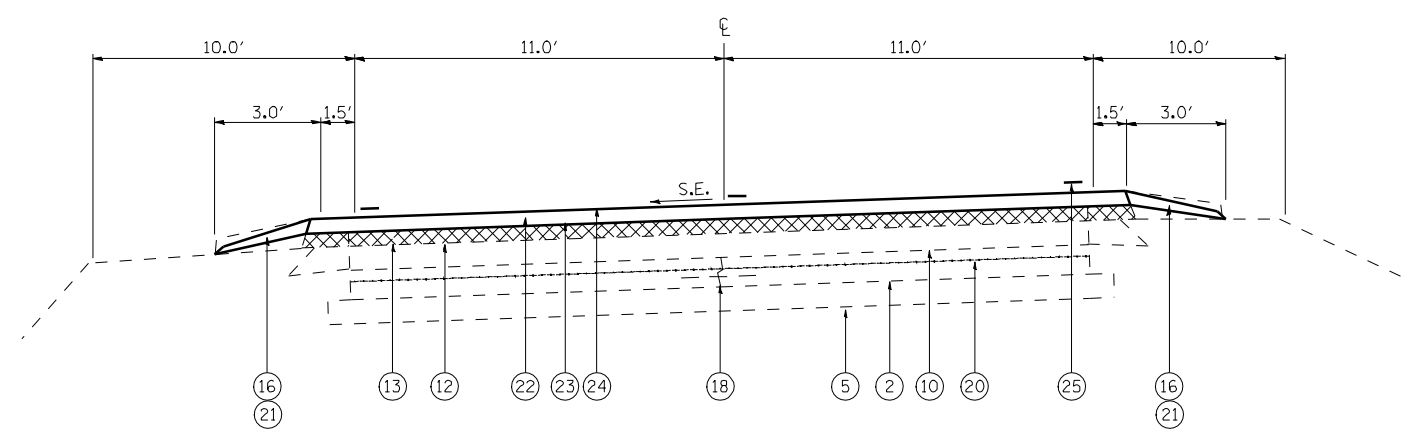
TYPICAL SECTIONS

SCALE: SHEET NO. 4 OF 6 SHEETS STA. TO STA.

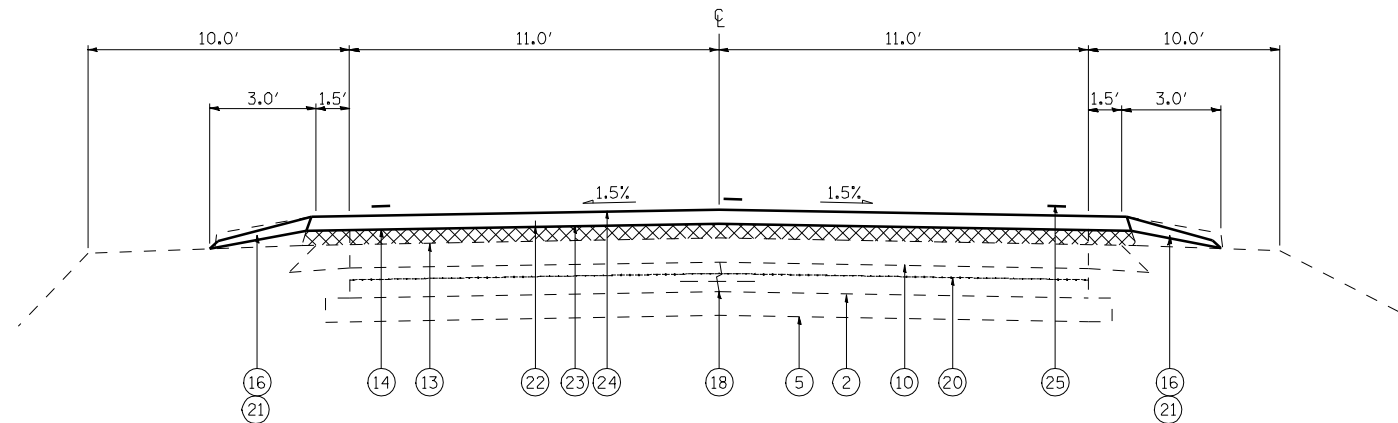
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------------|--------|--------------|-----------|
| 757 | (20)XRS-5; (21)XRS-3 | PIKE | 34 | 10 |
| CONTRACT NO. 72B45 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



STA. 131+55.25 TO 140+30
STA. 154+70 TO 173+50



STA. 1134+75 TO 1136+77.50
HOT-MIX ASPHALT CONCRETE RAMP STA. 1134+15 TO 1134+75 (0" TO 3")



STA. 1136+77.50 TO 1137+00
STATION EQUATION: STA. 1137+00 BK. = STA. 131+55.25 AH.

LEGEND

- (1) EXISTING P.C.C. PAVEMENT, 9"-6'-9"
- (2) EXISTING P.C.C. BASE COURSE, 9"
- (3) EXISTING P.C.C. BASE COURSE WIDENING, 9"
- (4) EXISTING P.C.C. PAVEMENT, 9"
- (5) EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, 12"
- (7) EXISTING CONCRETE CURB & GUTTER, TYPE B
- (8) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) EXISTING HOT-MIX ASPHALT CONCRETE, 7.5"
- (10) EXISTING HOT-MIX ASPHALT CONCRETE, 6"
- (11) EXISTING HOT-MIX ASPHALT CONCRETE, 3"
- (12) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 1"
- (13) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 0.75"
- (14) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX C, CLASS I, TYPE 2, 1.5"
- (15) EXISTING HOT-MIX ASPHALT CRACK CONTROL TREATMENT
- (16) EXISTING AGGREGATE SHOULDERS, TYPE A
- (17) EXISTING 0.5" DEFORMED BAR
- (18) EXISTING 0.5" DEFORMED BAR AND LONGITUDINAL METAL JOINT
- (19) EXISTING 0.75" SMOOTH BAR
- (20) EXISTING FABRIC PAVEMENT
- (21) PROPOSED AGGREGATE SHOULDERS, TYPE B
- (22) PROPOSED HOT MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- (23) PROPOSED LEVELING BINDER, 0.75"
- (24) PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX C, 1 1/2"
- (25) PROPOSED PAVEMENT MARKING, LINE - 5"

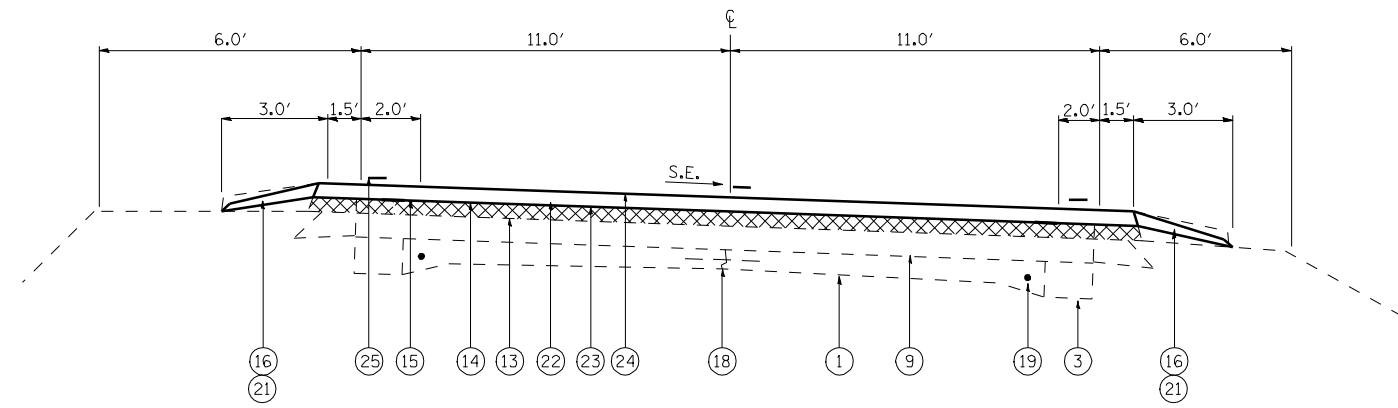
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| PLOT SCALE = 40.0000' / IN. | | CHECKED - | REVISED - |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

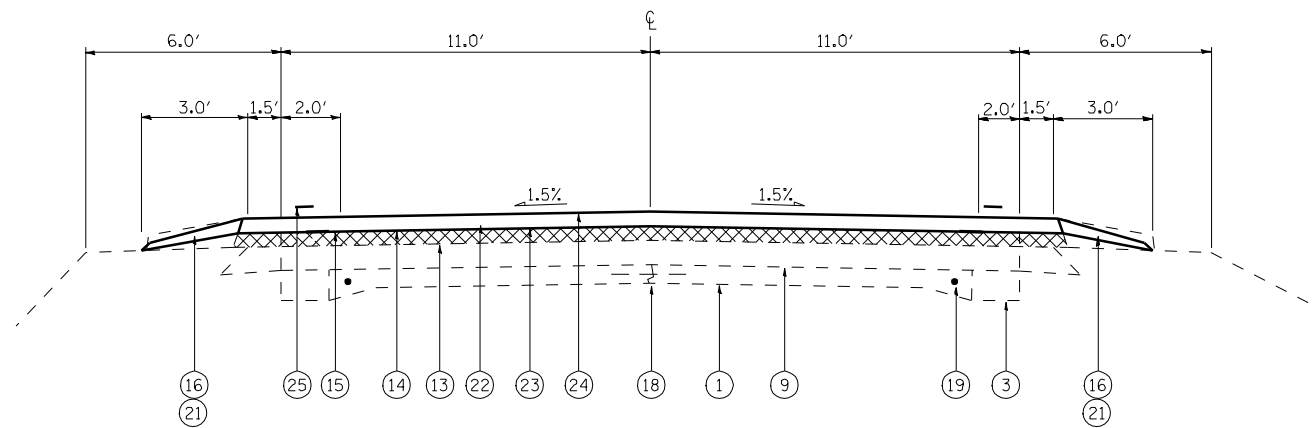
TYPICAL SECTIONS

SCALE: SHEET NO. 5 OF 6 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------------|--------|--------------|-----------|
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 11 |
| CONTRACT NO. 72B45 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



STA. 141+49.60 TO 146+78.81
 STA. 148+08.61 TO 152+36.29

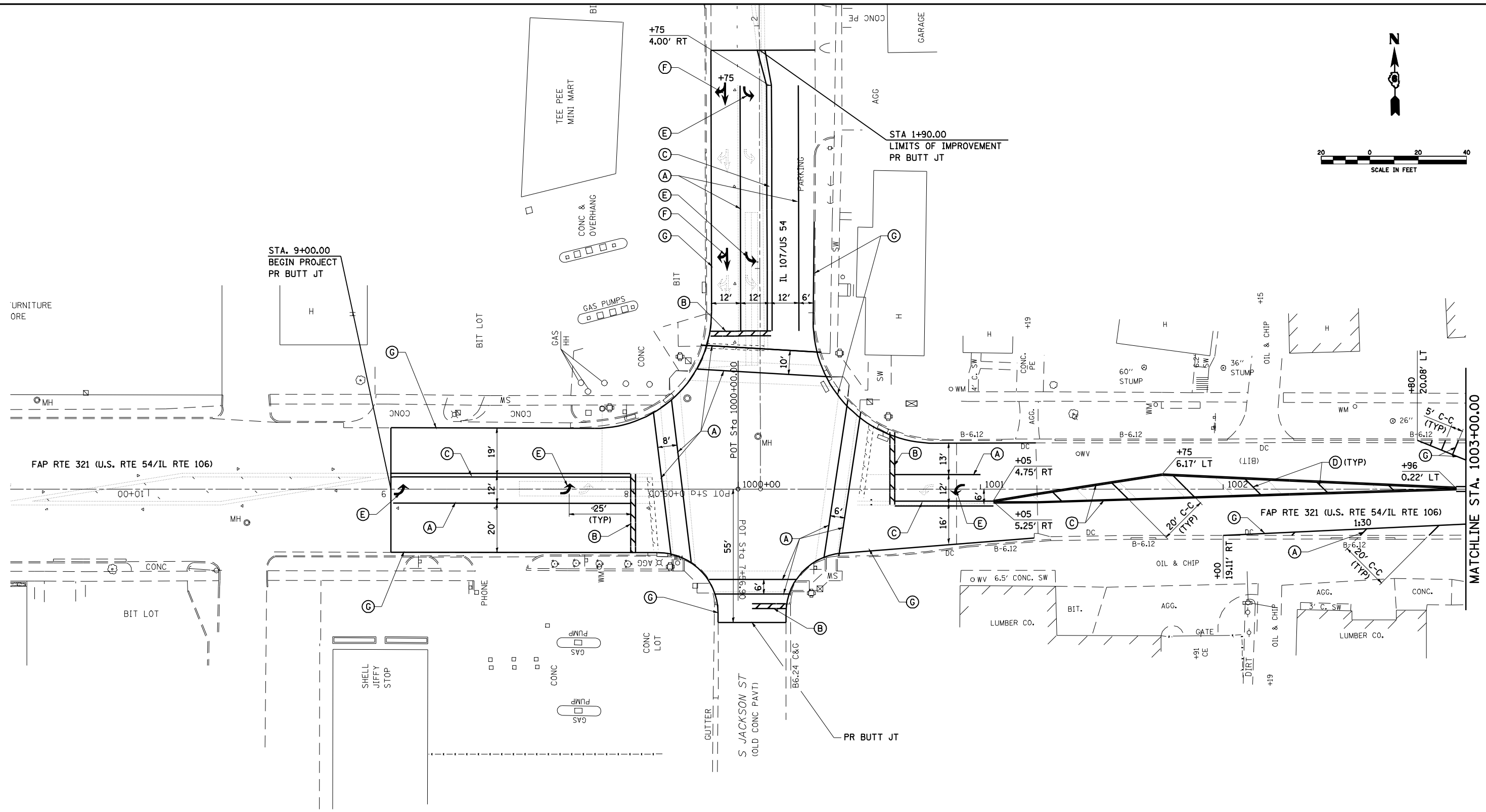
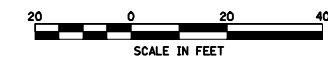


STA. 140+30 TO 141+49.60
 STA. 146+78.81 TO 148+08.61
 STA. 152+36.29 TO 154+70

LEGEND

- (1) EXISTING P.C.C. PAVEMENT, 9'-6'-9"
- (2) EXISTING P.C.C. BASE COURSE, 9"
- (3) EXISTING P.C.C. BASE COURSE WIDENING, 9"
- (4) EXISTING P.C.C. PAVEMENT, 9"
- (5) EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- (6) EXISTING SUB-BASE GRANULAR MATERIAL, 12"
- (7) EXISTING CONCRETE CURB & GUTTER, TYPE B
- (8) EXISTING CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) EXISTING HOT-MIX ASPHALT CONCRETE, 7.5"
- (10) EXISTING HOT-MIX ASPHALT CONCRETE, 6"
- (11) EXISTING HOT-MIX ASPHALT CONCRETE, 3"
- (12) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 1"
- (13) EXISTING LEVELING BINDER (MACHINE METHOD) TYPE 2, 0.75"
- (14) EXISTING HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX C, CLASS I, TYPE 2, 1.5"
- (15) EXISTING HOT-MIX ASPHALT CRACK CONTROL TREATMENT
- (16) EXISTING AGGREGATE SHOULDERS, TYPE A
- (17) EXISTING 0.5" DEFORMED BAR
- (18) EXISTING 0.5" DEFORMED BAR AND LONGITUDINAL METAL JOINT
- (19) EXISTING 0.75" SMOOTH BAR
- (20) EXISTING FABRIC PAVEMENT
- (21) PROPOSED AGGREGATE SHOULDERS, TYPE B
- (22) PROPOSED HOT MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- (23) PROPOSED LEVELING BINDER, 0.75"
- (24) PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX C, 1 1/2"
- (25) PROPOSED PAVEMENT MARKING, LINE - 5"

| | | | | | | | | | | | | | |
|---|------------------------|----------------|-----------|---|---|-------------------------|------|-------------|---------|----------------------|--------------|-----------|----|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL SECTIONS | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| er:\pwork\PWIDOT\LAUGHLINRL\dms25724\672b45-shr-typico1.dgn | | DRAWN - BMD | REVISED - | | SCALE: | SHEET NO. 6 OF 6 SHEETS | STA. | TO STA. | 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 12 |
| | | CHECKED - | REVISED - | | CONTRACT NO. 72B45 | | | | | | | | |
| | | DATE - 7/15/08 | REVISED - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | | | |



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5"

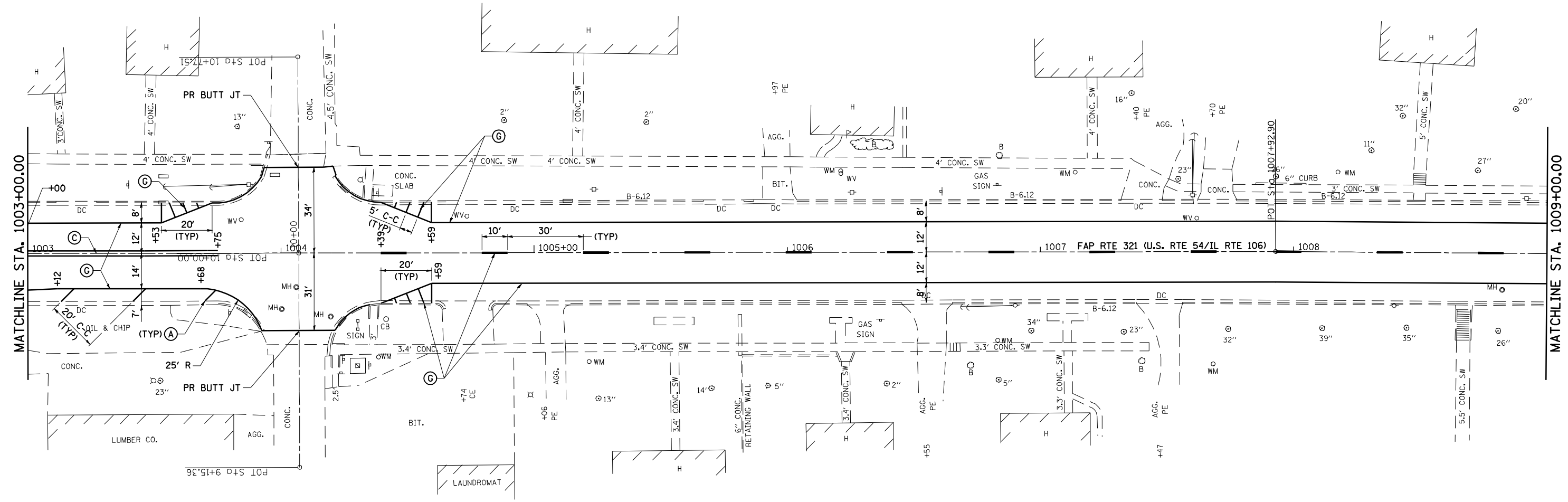
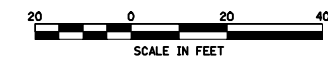
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| | PLOT SCALE = 40.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Apr-07-2010 11:37:23AM | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PAVEMENT MARKING SHEET - IL 106

SCALE: SHEET NO. 1 OF 15 SHEETS STA. TO STA.

| | | | | |
|--------------------|----------------------|--------|---------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 757 | (20X)RS-5, (21X)RS-3 | PIKE | 34 | 13 |
| CONTRACT NO. 72B45 | | | ILLINOIS FED. AID PROJECT | |



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

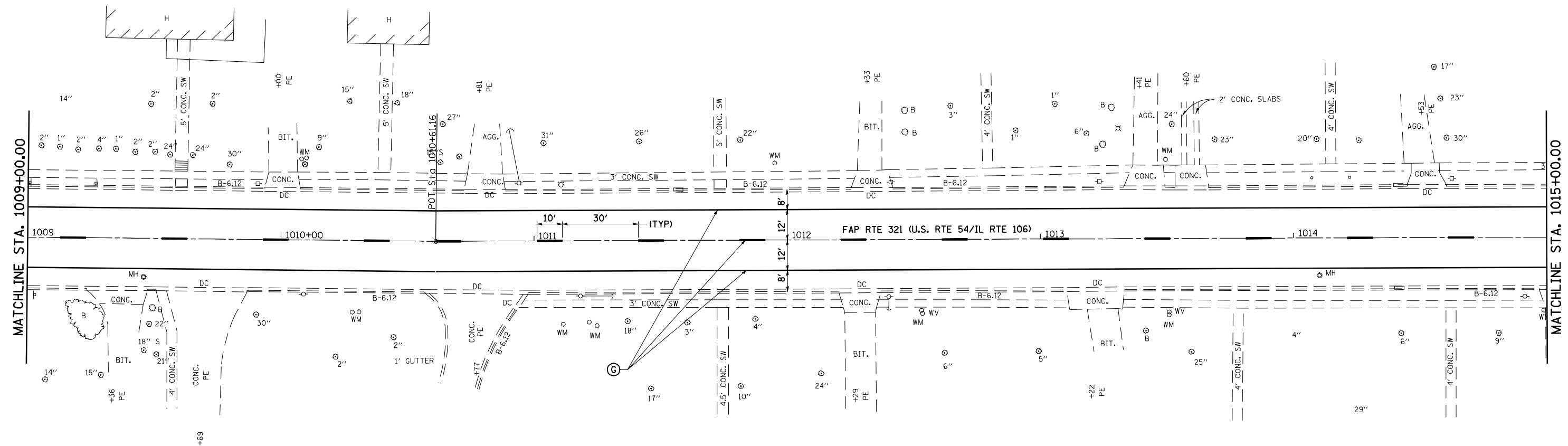
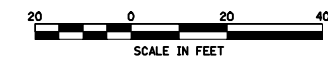
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|---|------------------------------------|------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - |
| e:\pwwork\pwidot\LAUGHLINRL\dna25724\672845-SHT-plan-IL1061.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 48.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Apr-07-2010 11:37:28AM | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PAVEMENT MARKING SHEET - IL 106

SCALE: SHEET NO. 2 OF 15 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|--------|--------------|-----------|
| 757 | (20)IRS-5, (21)RS-3 | PIKE | 34 | 14 |
| CONTRACT NO. 72B45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

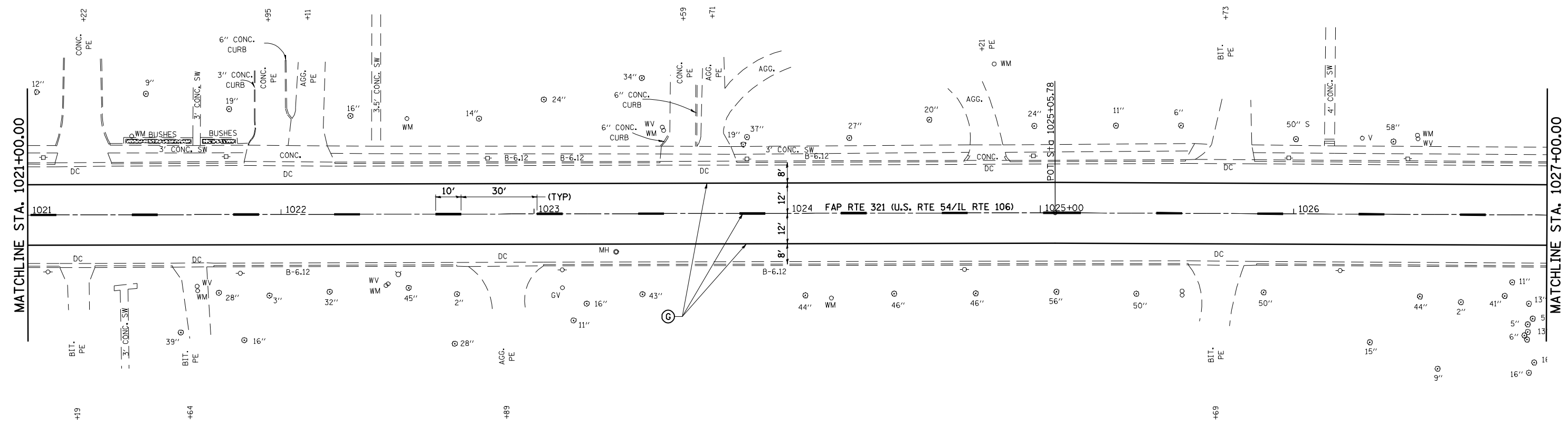
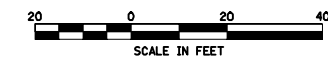
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|--|------------------------------------|------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - |
| e:\pwork\pwork\IDOT\LAUGHLINRL\dms25724\672845-SHT-plan-IL1061.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 48.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Apr-07-2010 11:37:31AM | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PAVEMENT MARKING SHEET - IL 106

SCALE: SHEET NO. 3 OF 15 SHEETS STA. TO STA.

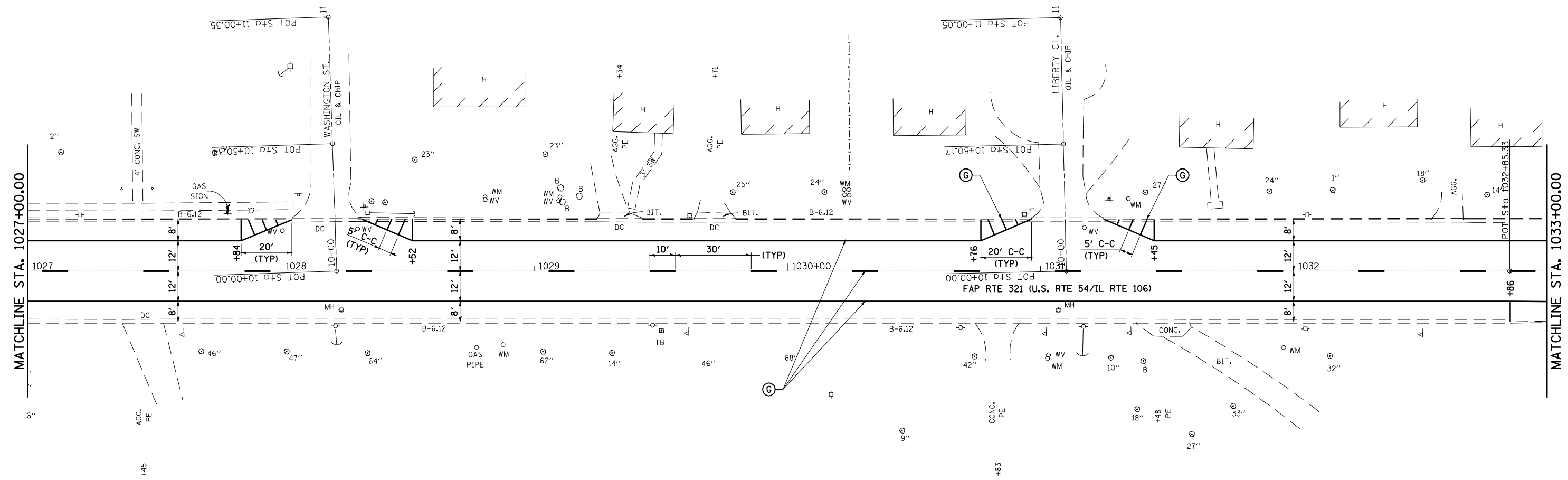
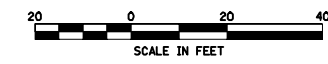
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------------|--------|---------------------------|-----------|
| 757 | (20)IRS-5; (21)IRS-3 | PIKE | 34 | 15 |
| CONTRACT NO. 72B45 | | | ILLINOIS FED. AID PROJECT | |



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

| | | | | | | | | | | | |
|--|-----------------------------|------------|-----------|---|---|--------------|--------------------|----------------------|--------|--------------|-----------|
| FILE NAME = e:\pwwork\PWIDOT\LAUGHLINRL\dna25724\672845-SHT-plan-IL1061.dgn | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN & PAVEMENT MARKING SHEET - IL 106 | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 40.0000' / IN. | DRAWN - | REVISED - | | | | 757 | (20X)RS-5, (21X)RS-3 | PIKE | 34 | 17 |
| PLOT DATE = Apr-07-2010 11:37:42AM | CHECKED - | REVISED - | REVISED - | SCALE: | SHEET NO. 5 OF 15 SHEETS | STA. TO STA. | CONTRACT NO. 72B45 | | | | |
| | DATE - | REVISED - | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | | |



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

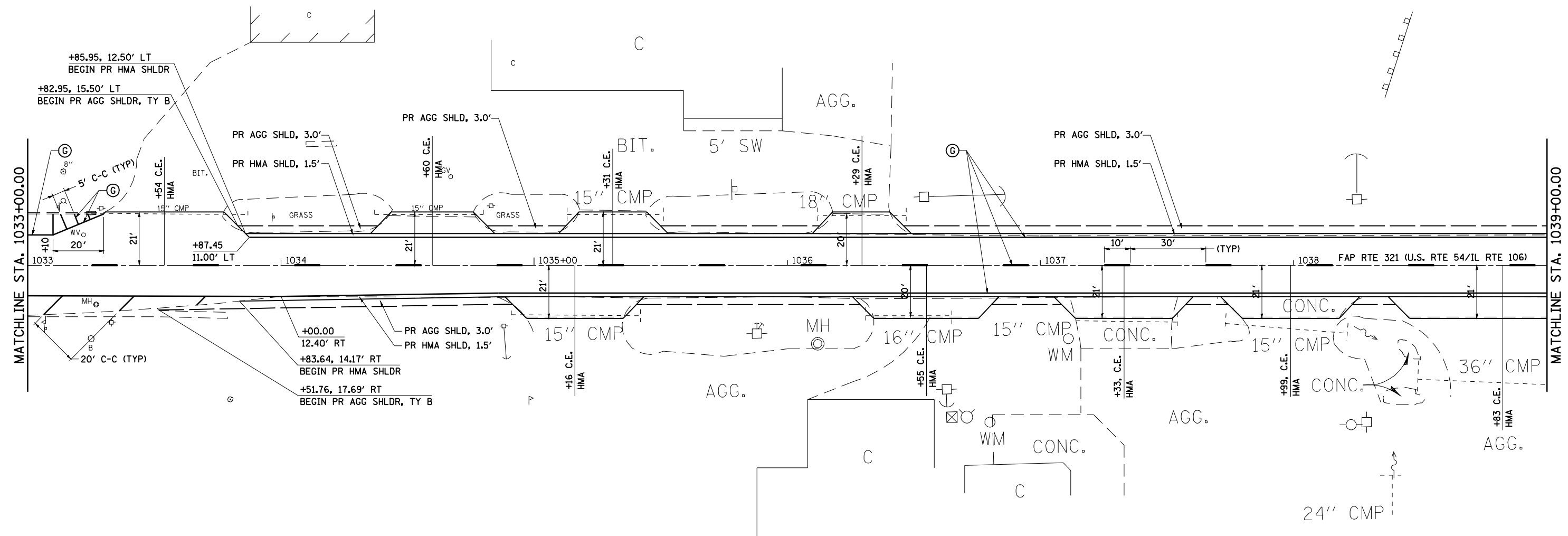
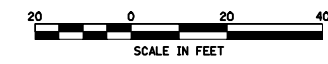
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|---|------------------------------------|------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - |
| es:\pwork\pwidot\LAUGHLINRL\dna25724\672845-SHT-plan-IL1061.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 40.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Apr-07-2010 11:37:46AM | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PAVEMENT MARKING SHEET - IL 106

SCALE: SHEET NO. 6 OF 15 SHEETS STA. TO STA.

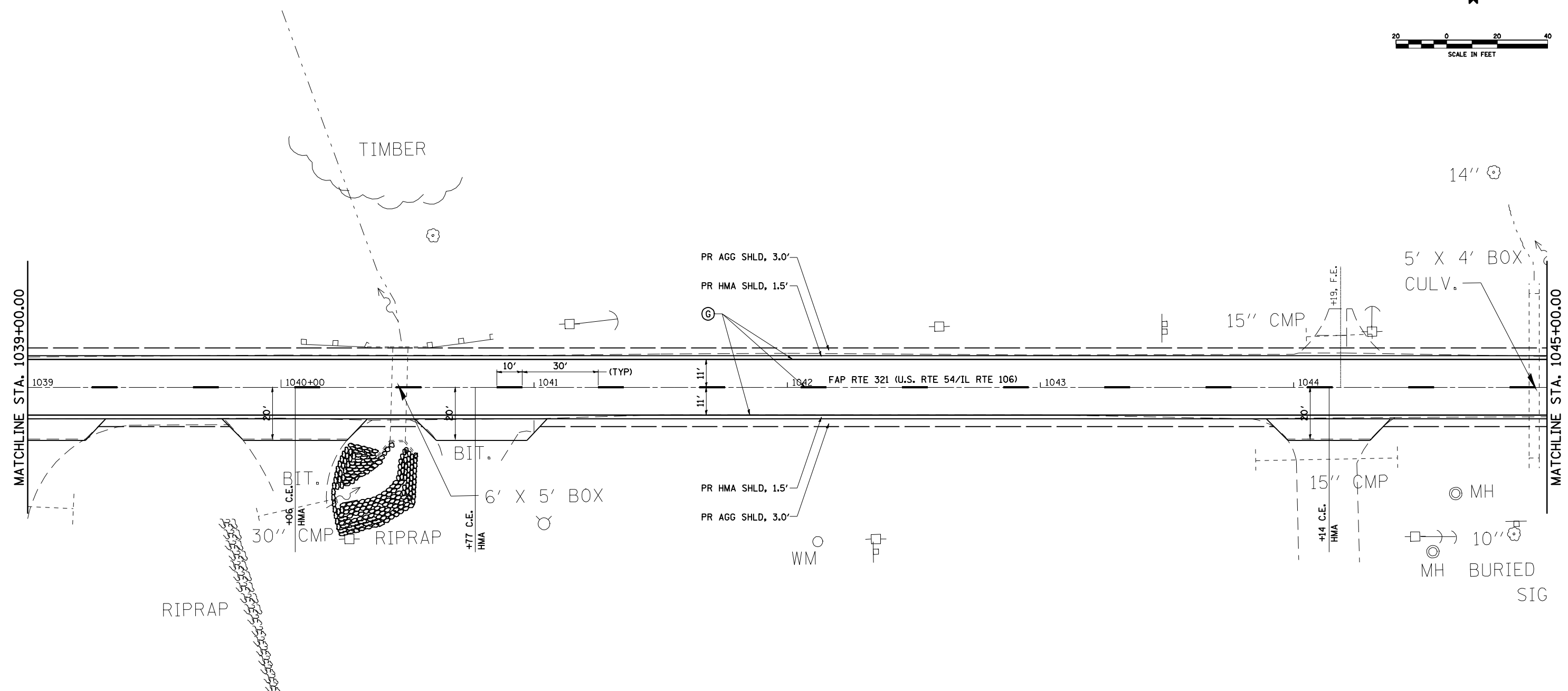
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------------|--------|---------------------------|-----------|
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 18 |
| CONTRACT NO. 72B45 | | | ILLINOIS FED. AID PROJECT | |



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

| | | | | | | | | | | | |
|---|------------------------------------|------------|-----------|---|---|--------------------|--------------------------|--------|--------------|---------------------------|--|
| FILE NAME = e:\pwwork\pwwid01\LAUGHLINRL\dms25724\672845-SHT-plan-IL1061.dgn | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN & PAVEMENT MARKING SHEET - IL 106 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT SCALE = 40.0000' / IN. | DRAWN - | REVISED - | | | 757 | (20X)RS-5, (21X)RS-3 | PIKE | 34 | 19 | |
| | PLOT DATE = Apr-07-2010 11:37:58AM | CHECKED - | REVISED - | | | CONTRACT NO. 72B45 | | | | | |
| | | DATE - | REVISED - | | | SCALE: | SHEET NO. 7 OF 15 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | |



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

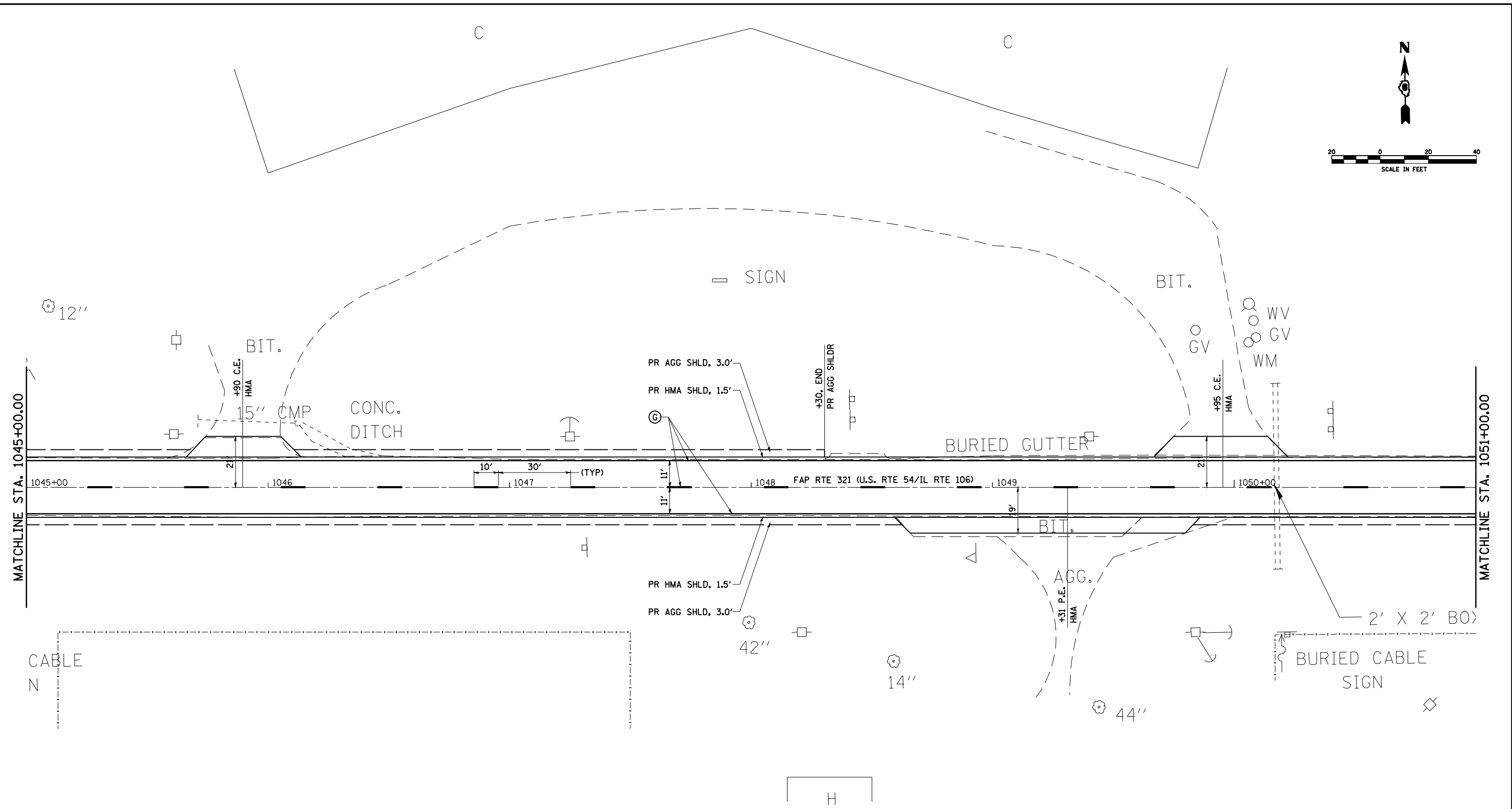
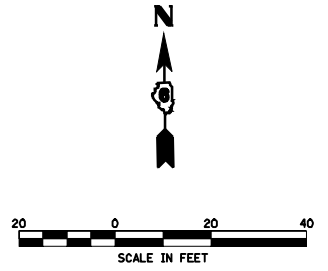
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| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - |
| es:\pwork\pwid00\LAUGHLINRL\dms25724\672845-SHT-plan-IL1061.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 40.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Apr-07-2010 11:37:55AM | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PAVEMENT MARKING SHEET - IL 106

SCALE: SHEET NO. 8 OF 15 SHEETS STA. TO STA.

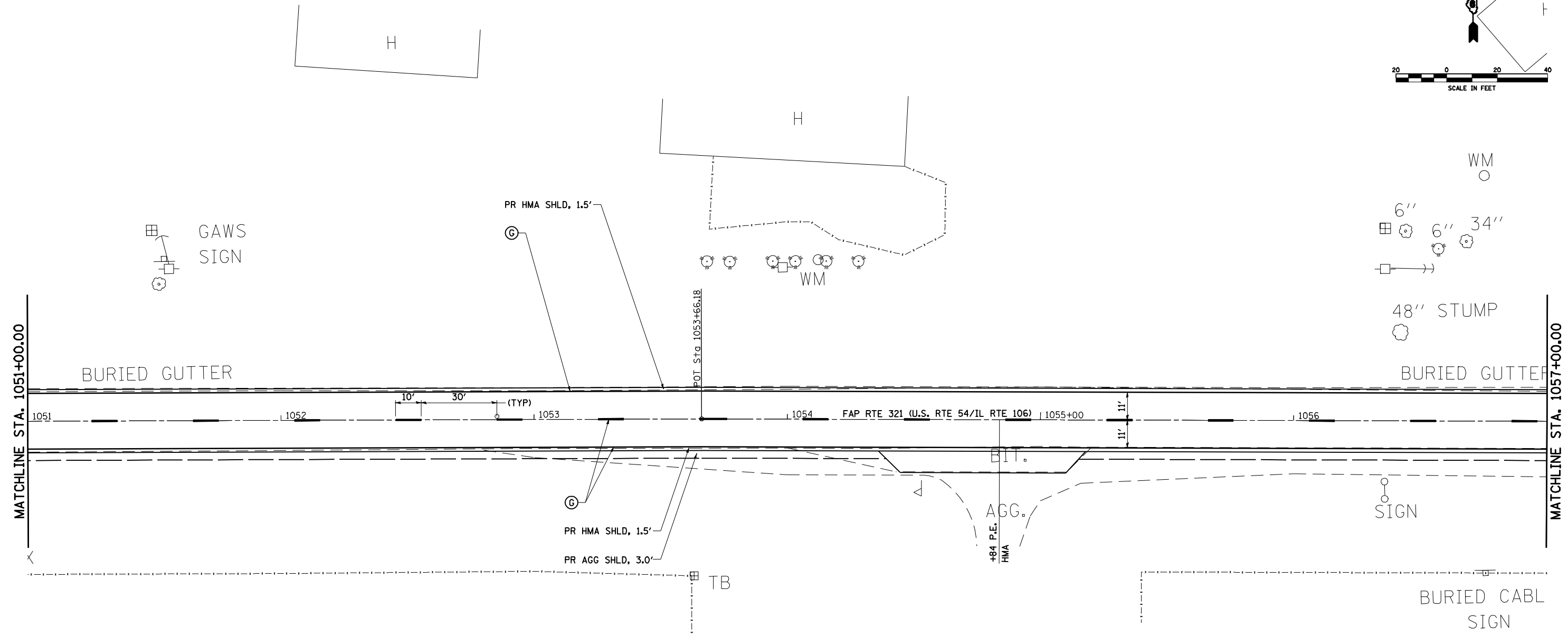
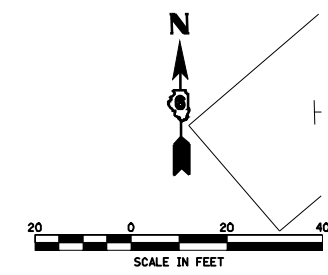
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------------|--------|---------------------------|-----------|
| 757 | (20)IRS-5; (21)IRS-3 | PIKE | 34 | 20 |
| CONTRACT NO. 72B45 | | | ILLINOIS FED. AID PROJECT | |



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

| | | | | | | | | | | | |
|--|----------------------------|------------|-----------|---|---|---------------------------|---------------------|--------|--------------|-----------|--|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN & PAVEMENT MARKING SHEET - IL 106 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| es:\pwork\PWIDOT\LAUGHLINRL\dms25724\0672845-SHT-plan-IL1061.dgn | 672845-SHT-plan-IL1061.dgn | DRAWN - | REVISED - | | | 757 | (20)IRS-5; (21)RS-3 | PIKE | 34 | 21 | |
| PLOT SCALE = 40.0000' / IN. | CHECKED - | REVISED - | REVISED - | | | CONTRACT NO. 72B45 | | | | | |
| PLOT DATE = Apr-07-2010 11:37:59AM | DATE - | REVISED - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |

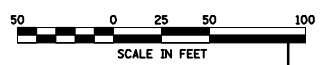
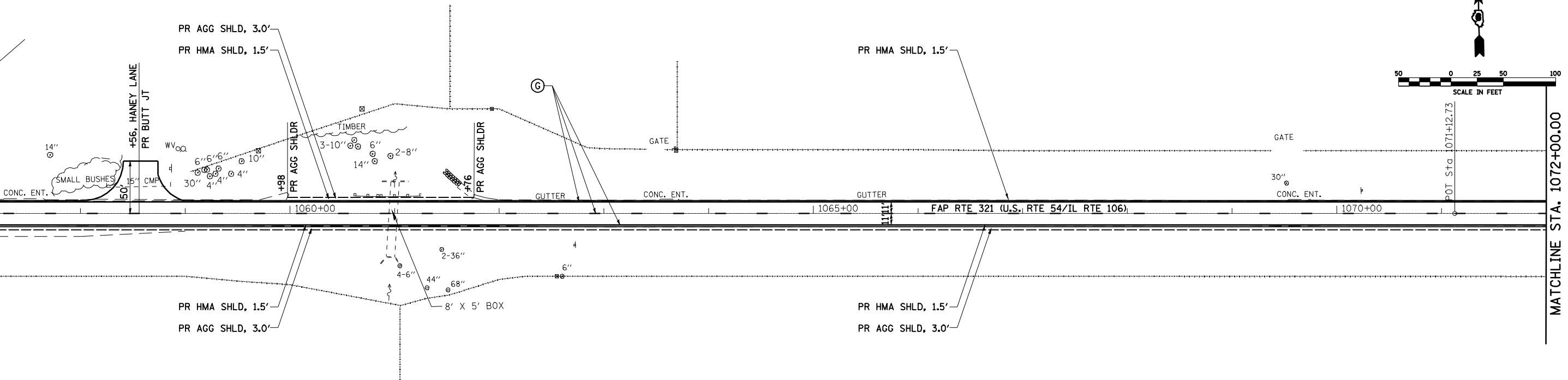


LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

| | | | | | | | | | | | |
|--|------------------------|------------|--------------------|---|---|------|---------------------------|---------|--------|--------------|-----------|
| FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\dms25724\672845-SHT-plan-IL1061.dgn | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN & PAVEMENT MARKING SHEET - IL 106 | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 40.0000' / IN. | CHECKED - | REVISED - | 757 | | | | (20)RS-5; (21)RS-3 | PIKE | 34 | 22 | |
| PLOT DATE = Apr-07-2010 11:38:04AM | DATE - | REVISED - | CONTRACT NO. 72B45 | | | | ILLINOIS FED. AID PROJECT | | | | |
| | | | SCALE: | | SHEET NO. 10 OF 15 SHEETS | STA. | TO STA. | | | | |

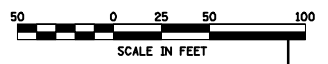
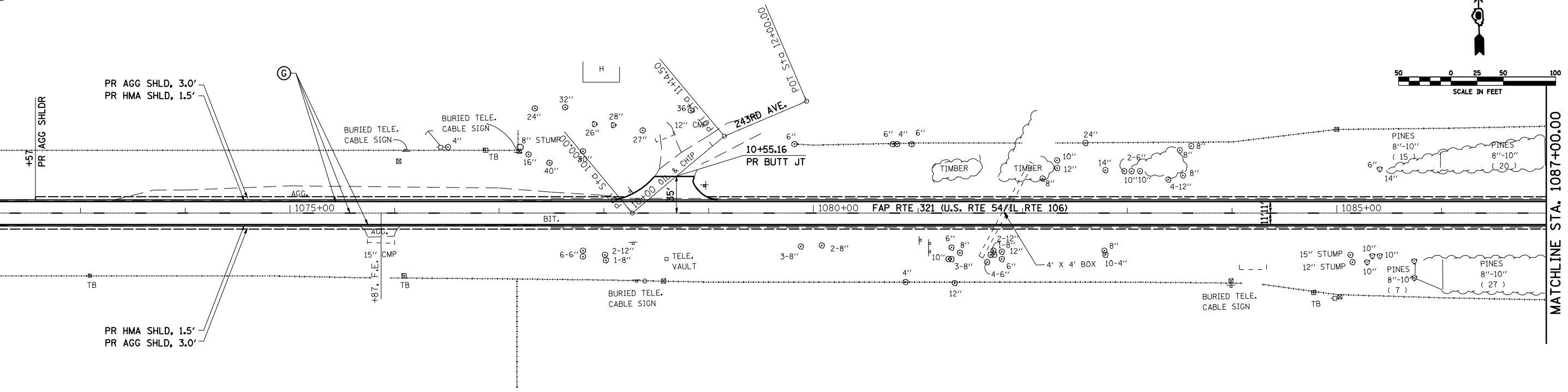
MATCHLINE STA. 1057+00.00



LEGEND

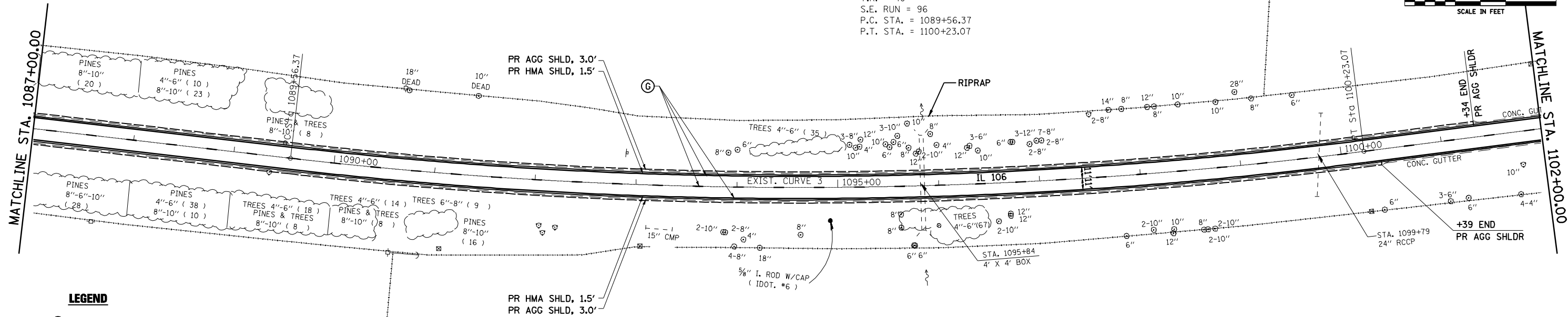
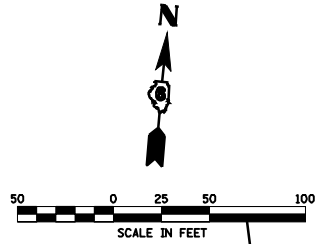
- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

MATCHLINE STA. 1072+00.00



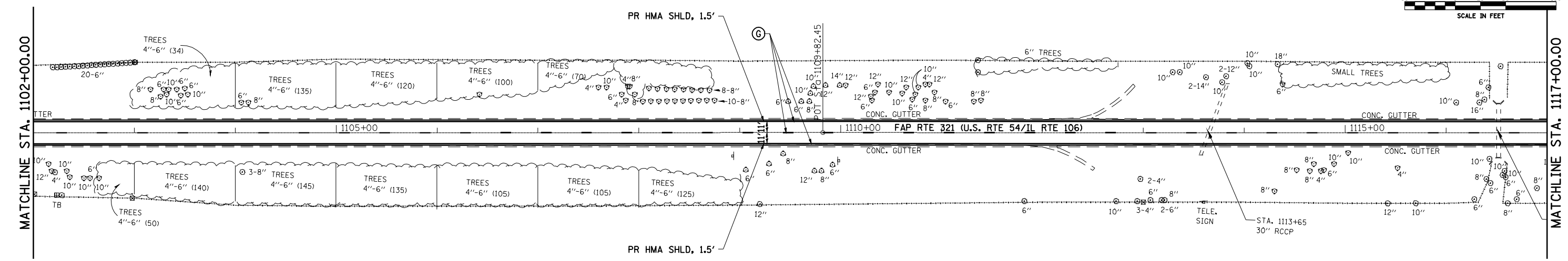
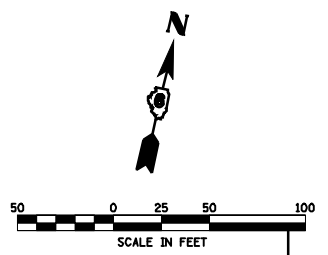
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|--|------------------------|------------|---------------------------|---|---|---------------------------|------|----------------------|---------|--------|--------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN & PAVEMENT MARKING SHEET - IL 106 | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| e:\pwwork\pwwid001\LAUGHLINRL\dna2572410672845-SHT-plan-IL106812.dgn | DRAWN - | REVISED - | 757 | | | | | (20)XRS-5, (21)XRS-3 | PIKE | 34 | 23 | |
| PLOT SCALE = 100.0000' / IN. | CHECKED - | REVISED - | CONTRACT NO. 72B45 | | | | | | | | | |
| PLOT DATE = Apr-07-2010 11:38:07AM | DATE - | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | | | | |
| | | | | | SCALE: | SHEET NO. 11 OF 15 SHEETS | STA. | TO STA. | | | | |

EXIST. CURVE 3
 PI STA. = 1094+92.35
 $\Delta = 13^\circ 53' 44''$ (LT)
 D = 1° 18' 10"
 R = 4,398.38'
 T = 535.98'
 L = 1,066.70'
 E = 32.54'
 e = 3.6
 T.R. = 40
 S.E. RUN = 96
 P.C. STA. = 1089+56.37
 P.T. STA. = 1100+23.07

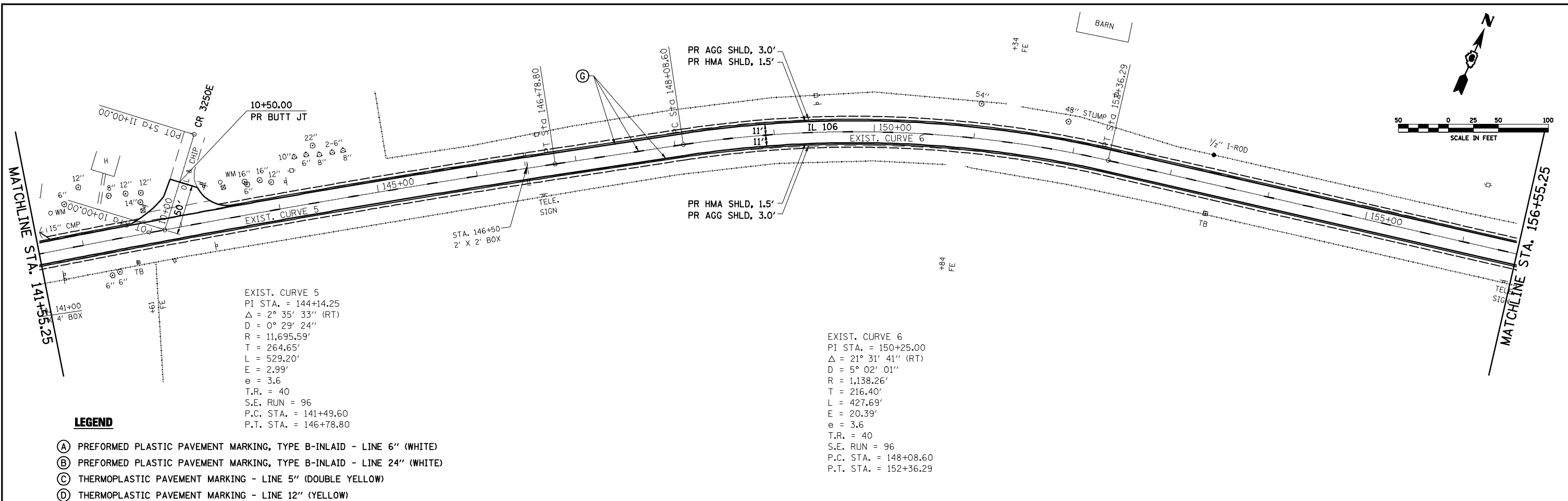


LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)



| | | | | | | | | | | | | |
|--|------------------------|------------|-----------|---|---|--|--|-------------|----------------------|--------|--------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN & PAVEMENT MARKING SHEET - IL 106 | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| es:\pwwork\PIWIDOT\LAUGHLINRL\dms25724\672845-SHT-pln-IL106B12.dgn | DRAWN - | REVISED - | REVISED - | | | | | 757 | (20)XRS-5, (21)XRS-3 | PIKE | 34 | 24 |
| PLOT SCALE = 100.0000' / IN. | CHECKED - | REVISED - | REVISED - | | CONTRACT NO. 72B45 | | | | | | | |
| PLOT DATE = Apr-07-2010 11:38:12AM | DATE - | REVISED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

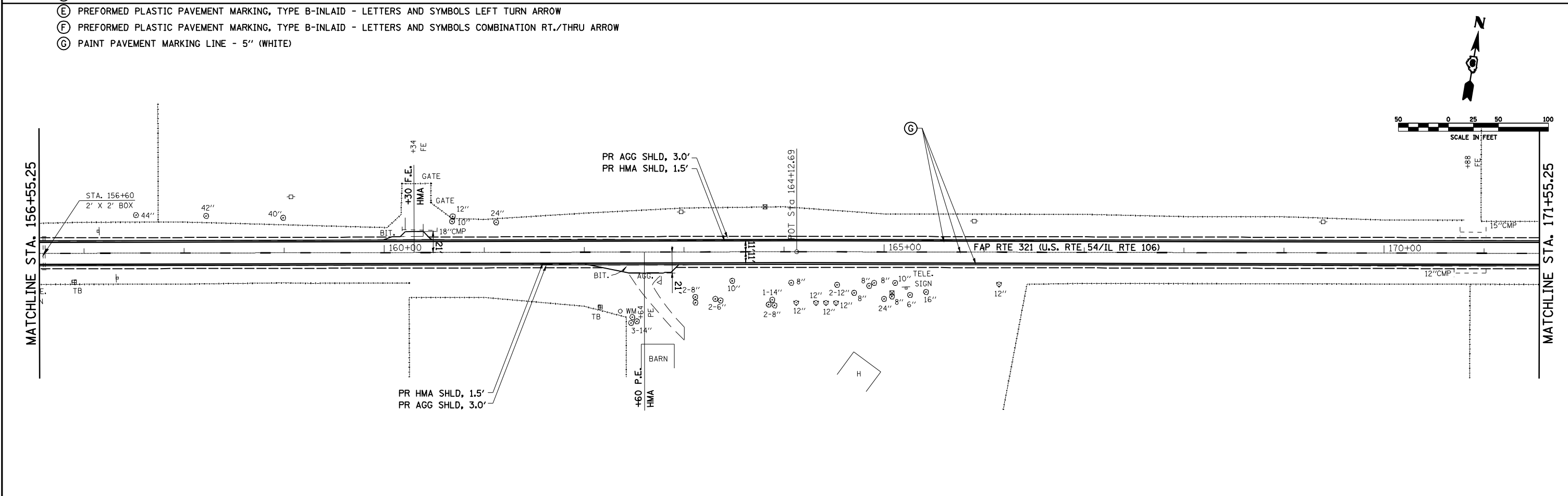


EXIST. CURVE 5
 PI STA. = 144+14.25
 $\Delta = 2^\circ 35' 33''$ (RT)
 $D = 0^\circ 29' 24''$
 $R = 11,695.59'$
 $T = 264.65'$
 $L = 529.20'$
 $E = 2.99'$
 $e = 3.6$
 $T.R. = 40$
 $S.E. RUN = 96$
 $P.C. STA. = 141+49.60$
 $P.T. STA. = 146+78.80$

EXIST. CURVE 6
 PI STA. = 150+25.00
 $\Delta = 21^\circ 31' 41''$ (RT)
 $D = 5^\circ 02' 01''$
 $R = 1,138.26'$
 $T = 216.40'$
 $L = 427.69'$
 $E = 20.39'$
 $e = 3.6$
 $T.R. = 40$
 $S.E. RUN = 96$
 $P.C. STA. = 148+08.60$
 $P.T. STA. = 152+36.29$

LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)



| | | | | | | | | | | | | |
|---|------------------------------|------------|-----------|---|---|---------------------------|------|-------------|---------------------------|--------|--------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN & PAVEMENT MARKING SHEET - IL 106 | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| e:\pwwork\p\w\DOT\LAUGHLINRL\dms25724\0672845-SHT-plan-IL106B12.dgn | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | | | | 757 | (20X)RS-5, (21X)RS-3 | PIKE | 34 | 26 |
| PLOT DATE = Apr-07-2010 11:39:21AM | DATE - | CHECKED - | REVISED - | | CONTRACT NO. 72B45 | | | | | | | |
| | | | | | SCALE: | SHEET NO. 14 OF 15 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | | |

PR AGG SHLD, 3.0'
PR HMA SHLD, 1.5'

MATCHLINE STA. 171+55.25

PR HMA SHLD, 1.5'
PR AGG SHLD, 3.0'

+45 FE

15' CMP

15' CMP

+46 P.E.

HMA

+35 PE

30' HMA RAMP

175+00

STA. 175+00.00
END IMPROVEMENTS
PR BUTT JT

NEWBURG
TWNSH.

+68 PE

AGG.

BIT.

3' X 3' BOX CULV.

48" CMP

15" STUMP

7' X 7' BOX CULV.

10"

6"

2-6"

8"

16"

2-8"

HOG CONFINEMENT

TELE. SIGN

FAP RTE 321 (U.S. RTE 54/IL RTE 106)

PC Sta 182+28.29

EXIST. CURVE 8

POT Sta 11+00.00

POT Sta 10+00.00

PT Sta 185+31.23

185+00

SCALE IN FEET

MATCHLINE STA. 186+55.25

LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

MATCHLINE STA. 186+55.25

PC Sta 187+51.29

1190+00
EXIST. CURVE 9

PT Sta 191+86.62

FAP RTE 321 (U.S. RTE 54/IL RTE 106)

PC Sta 195+24.62

EXIST. CURVE 10

1200+00

SCALE IN FEET



MATCHLINE STA. 201+55.25

| | | | |
|--|------------------------|------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - |
| es:\pwork\pwork\LAUGHLINRL\dms25724\672845-SHT-plan-IL106812.dgn | | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | | CHECKED - | REVISED - |
| PLOT DATE = Apr-07-2010 11:38:25AM | | DATE - | REVISED - |

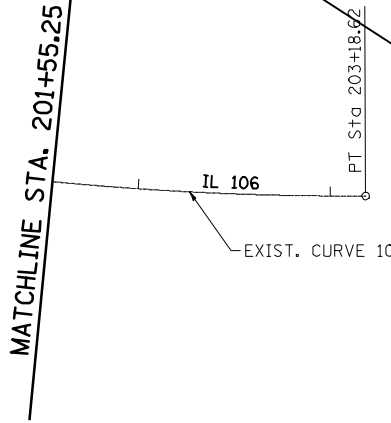
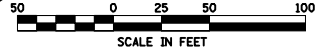
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PAVEMENT MARKING SHEET - IL 106

SCALE: SHEET NO. 15 OF 15 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------------|--------|--------------|-----------|
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 27 |
| CONTRACT NO. 72B45 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

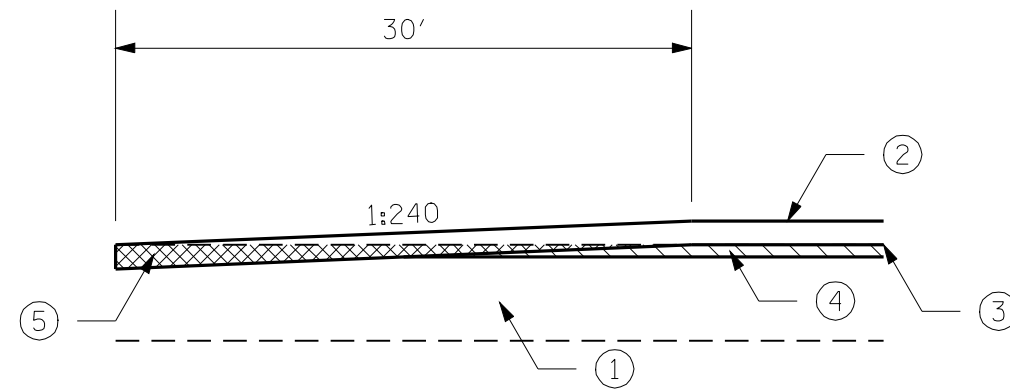
EXIST. CURVE 10
 PI STA. = 199+30.07
 $\Delta = 28^\circ 35' 28''$ (LT)
 $D = 3^\circ 36' 03''$
 $R = 1,591.16'$
 $T = 405.45'$
 $L = 794.00'$
 $E = 50.84'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 199+24.62$
 $P.T. \text{ STA.} = 203+18.62$



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 6" (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS LEFT TURN ARROW
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS COMBINATION RT./THRU ARROW
- (G) PAINT PAVEMENT MARKING LINE - 5" (WHITE)

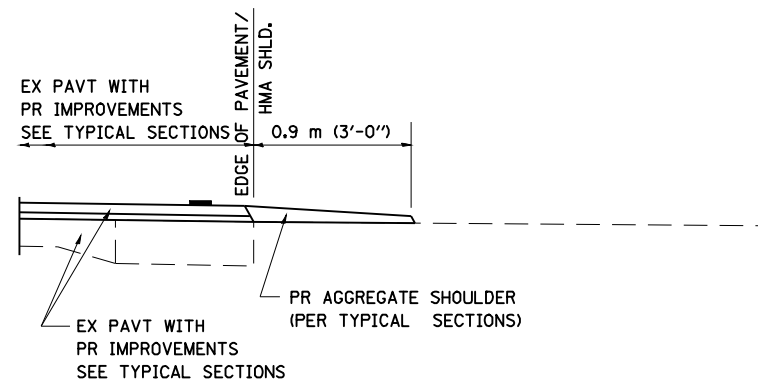
| | | | | | | | | | | | | |
|---|------------------------|------------|-----------|---|---|-----------|-----------|---------------------------|----------------------|--------|--------------|-----------|
| FILE NAME = e:\pwwork\pwwid\LAUGHLINRL\dms25724\672845-SHT-plan-IL106B12.dgn | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN & PAVEMENT MARKING SHEET - IL 106 | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | REVISED - | | | | | 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 28 |
| PLOT DATE = Apr-07-2010 11:38:29AM | CHECKED - | REVISED - | REVISED - | | CONTRACT NO. 72B45 | | | ILLINOIS FED. AID PROJECT | | | | |
| | DATE - | REVISED - | REVISED - | | SCALE: | SHEET NO. | OF SHEETS | STA. | TO STA. | | | |



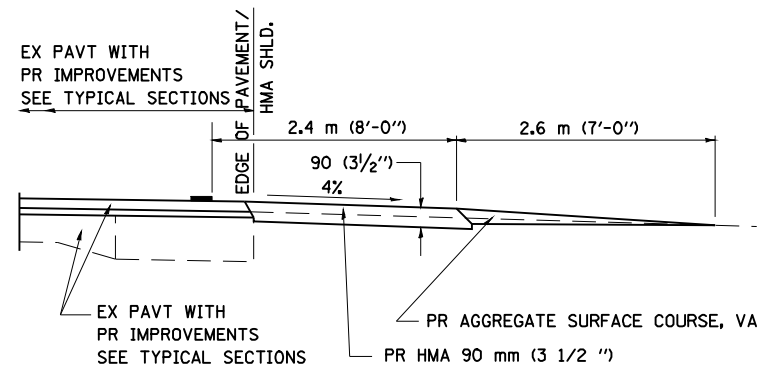
BUTT JOINT DETAIL

- ① EXIST. HMA RESURFACING
- ② PROP. HMA SURFACE COURSE, MIX "C" (1 1/2")
- ③ PROP. LEVELING BINDER (MACHINE METHOD), (3/4")
- ④ PROP. HMA SURFACE REMOVAL, VARIABLE DEPTH OR 1 1/2"
- ⑤ PROP. HMA SURFACE REMOVAL - BUTT JOINT

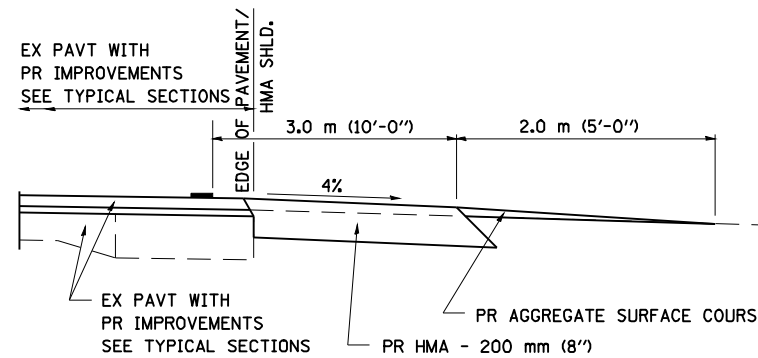
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|--------------------------------------|-----------------------------------|------------|---------------------------|---|--------------------------|----------------------|---------|----------------|---------|--------|-----------------|--------------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | BUTT JOINT DETAIL | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| es:\pwork\pwork\LAUGHLINRL\dms25724\ | 672845-shr-butt-joint-details.dgn | DRAWN - | REVISED - | | 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 29 | | | |
| PLOT SCALE = 10,000' / IN. | CHECKED - | REVISED - | CONTRACT NO. 72B45 | | | | | | | | | |
| PLOT DATE = Apr-07-2010 11:38:31AM | DATE - | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | | | | |
| | | | | SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | | | | | |



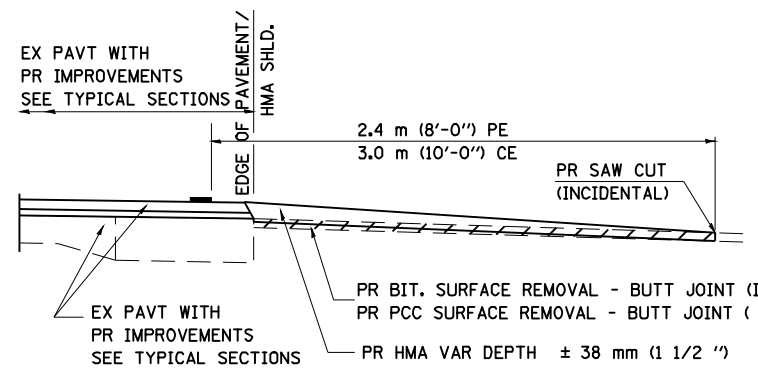
SECTION A-A FOR EX EARTH/AGGREGATE FE



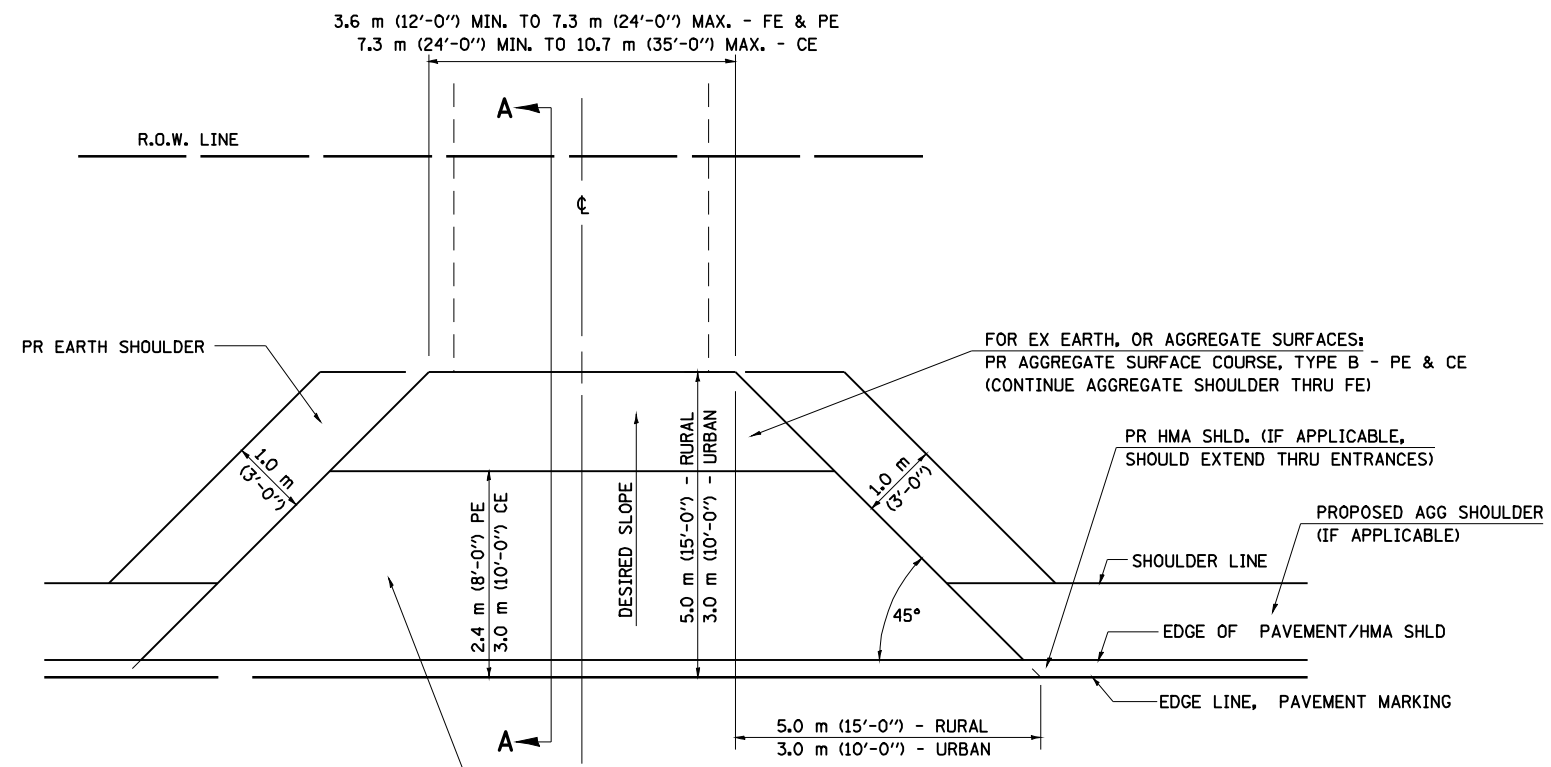
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR BIT SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE
 PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR EX BITUMINOUS CONCRETE SURFACES:
 PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
 PR PCC SURFACE REMOVAL-BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

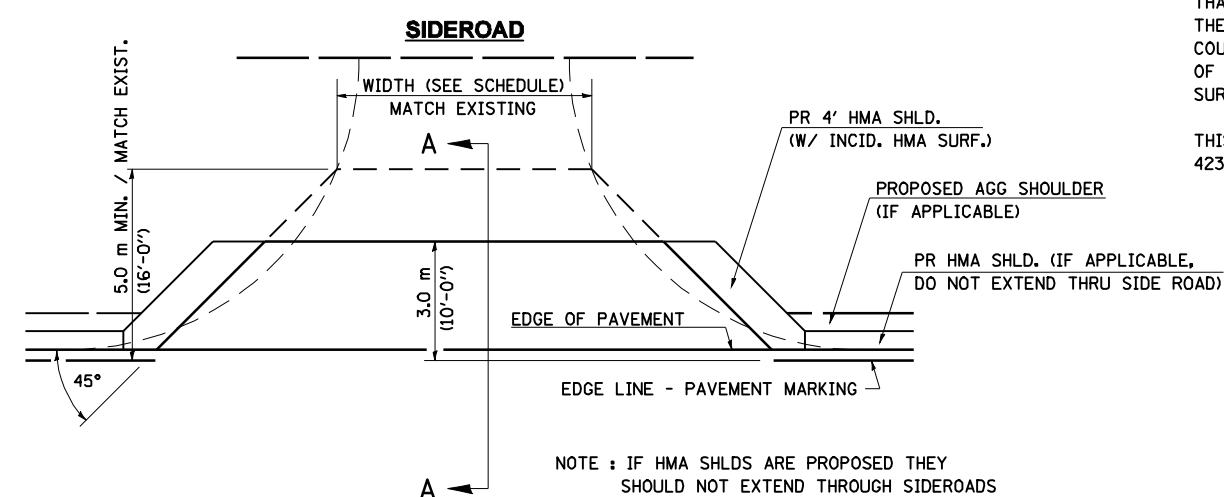
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

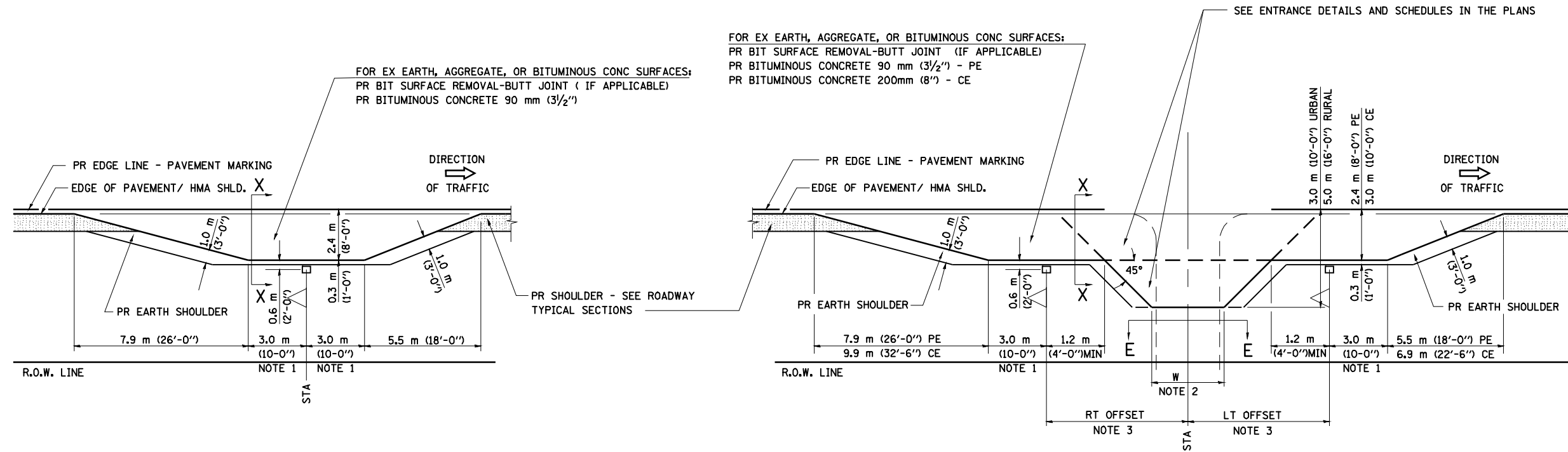
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.



NOTE : IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

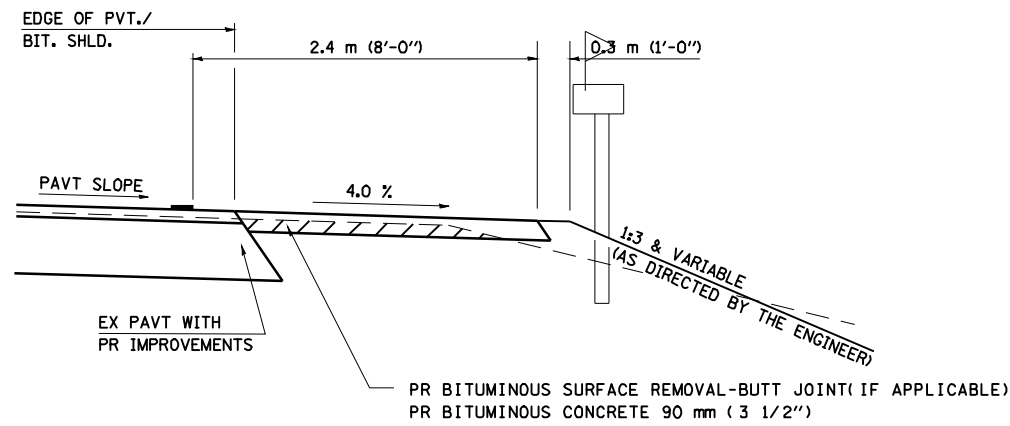
| | | | | | | | | | | |
|--|--------------------------|-----------------------|---|---|--|----------------------|---------|--------|--------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - 2/19/03 JCN | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.) | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| es:\pwwork\pwwid001\LAUGHLINRL\dms25724\672845-ent-ent.pppvdgn | DRAWN - CADD | REVISED - 4/01/04 JCN | 757 | | | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 30 | |
| ENT PPP.DGN | CHECKED - JCN | REVISED - | CONTRACT NO. 72B45 | | | | | | | |
| PLOT SCALE = 48.000 ' / IN. | DATE - FEBRUARY 23, 1999 | REVISED - | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | | |
| PLOT DATE = Apr-07-2010 11:38:32AM | | | SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. TO STA. | | | | | |

DETAILS OF MAILBOX TURNOUTS



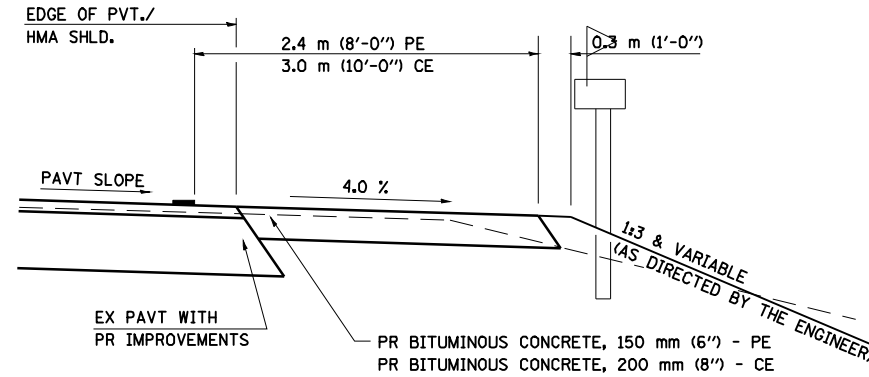
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



**SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)



**SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX BITUMINOUS CONC & PC CONC PE & CE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE SHOWN.

| | | | |
|-------------|------------------------------------|--------------------------|-----------------------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - 2/19/03 JCN |
| ENT PPP.DGN | 672845-ent-ent.ppp.dgn | DRAWN - CADD | REVISED - 4/01/04 JCN |
| | PLOT SCALE = 48.000' / IN. | CHECKED - JCN | REVISED - |
| | PLOT DATE = Apr-07-2010 11:38:35AM | DATE - FEBRUARY 23, 1999 | REVISED - |

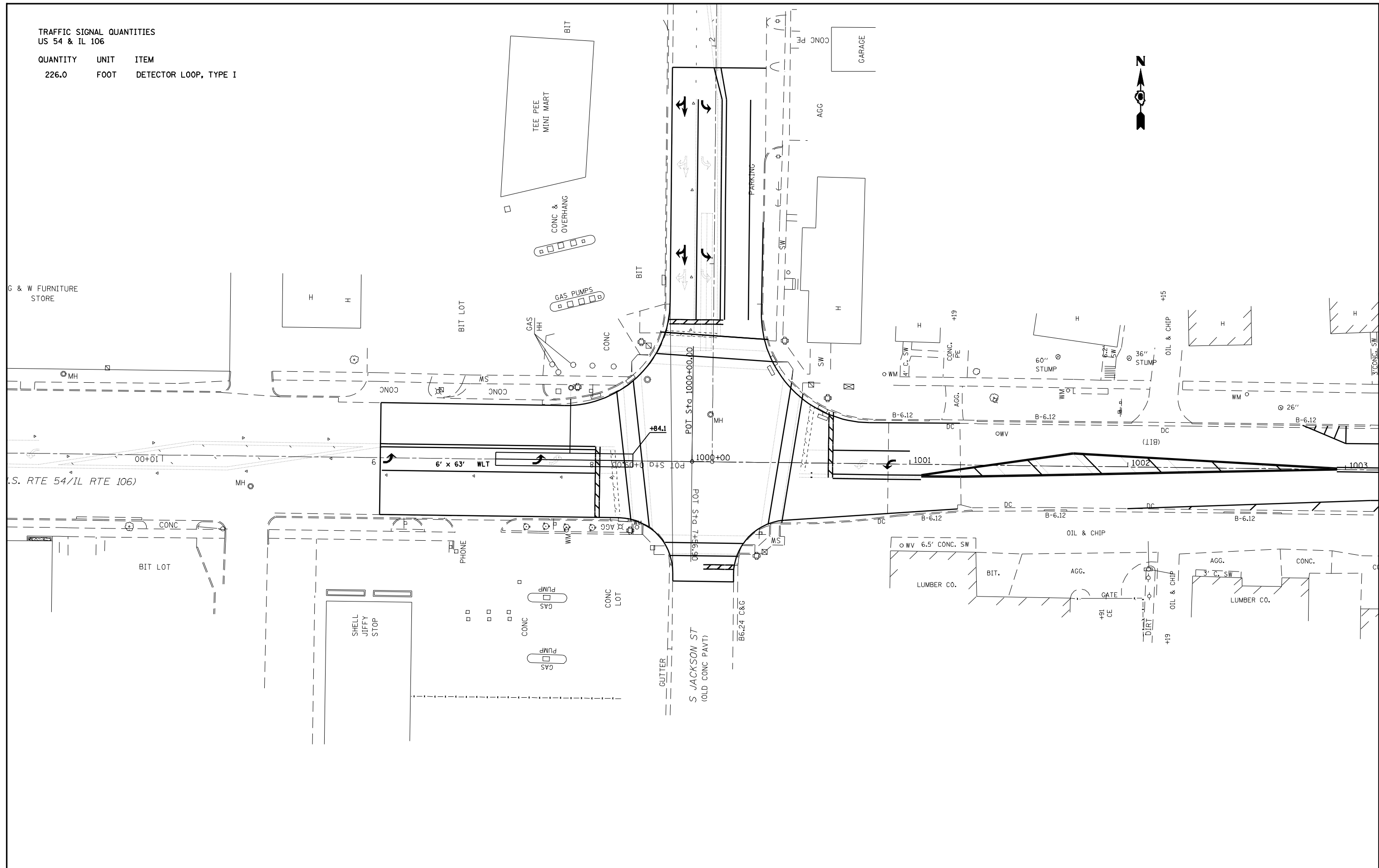
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|-------------------------|------|---------|
| DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.) | | | |
| SCALE: | SHEET NO. 2 OF 2 SHEETS | STA. | TO STA. |

| | | | | |
|---|----------------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 31 |
| CONTRACT NO. 72B45 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

TRAFFIC SIGNAL QUANTITIES
US 54 & IL 106

| QUANTITY | UNIT | ITEM |
|----------|------|-----------------------|
| 226.0 | FOOT | DETECTOR LOOP, TYPE I |



| | | | |
|---|------------------------|------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - | REVISED - |
| e:\pwwork\pwidot\LAUGHLINRL\dms25724\672845-ts_sheets.dgn | | DRAWN - | REVISED - |
| PLOT SCALE = 40.0000' / IN. | | CHECKED - | REVISED - |
| PLOT DATE = Apr-07-2010 11:38:37AM | | DATE - | REVISED - |

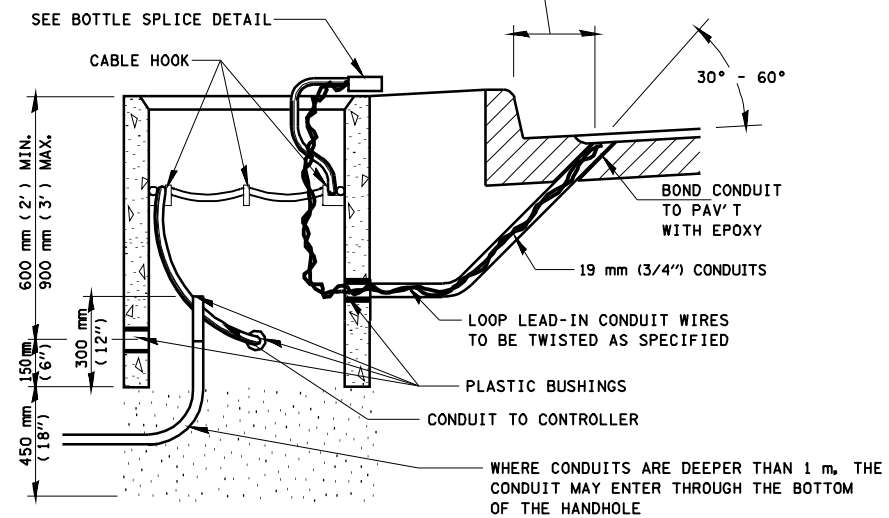
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|-------------------------|------|---------|
| TRAFFIC SIGNAL DETECTOR LOOP DETAILS | | | |
| SCALE: | SHEET NO. 1 OF 3 SHEETS | STA. | TO STA. |

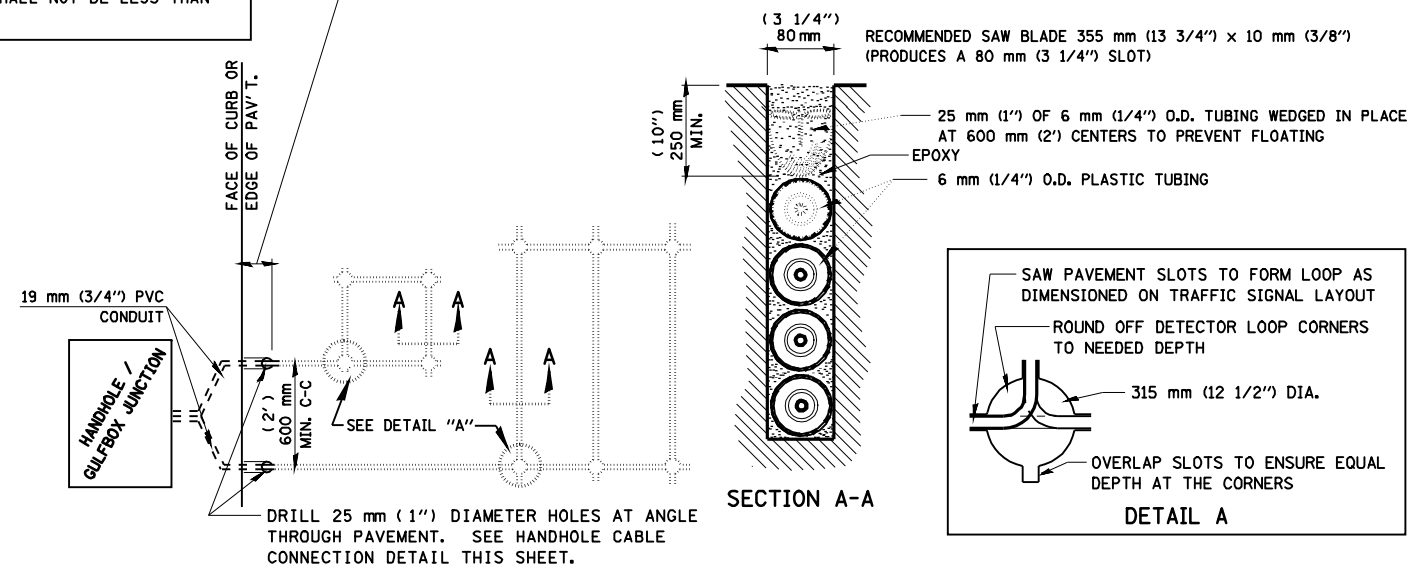
| | | | | |
|---------------------|----------------------|--------|---------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 757 | (20X)RS-5, (21X)RS-3 | PIKE | 34 | 32 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| | | | CONTRACT NO. 72B45 | |

LENGTH OF SLACK FOR LOOP LEAD-INS SHALL PROVIDE FOR MAKING THE SPLICE ON TOP OF THE HANDHOLE AND ONE COMPLETE LOOP OF THE INTERIOR OF THE HANDHOLE, THE SPLICE SHALL BE SUPPORTED BY A CABLE HOOK.

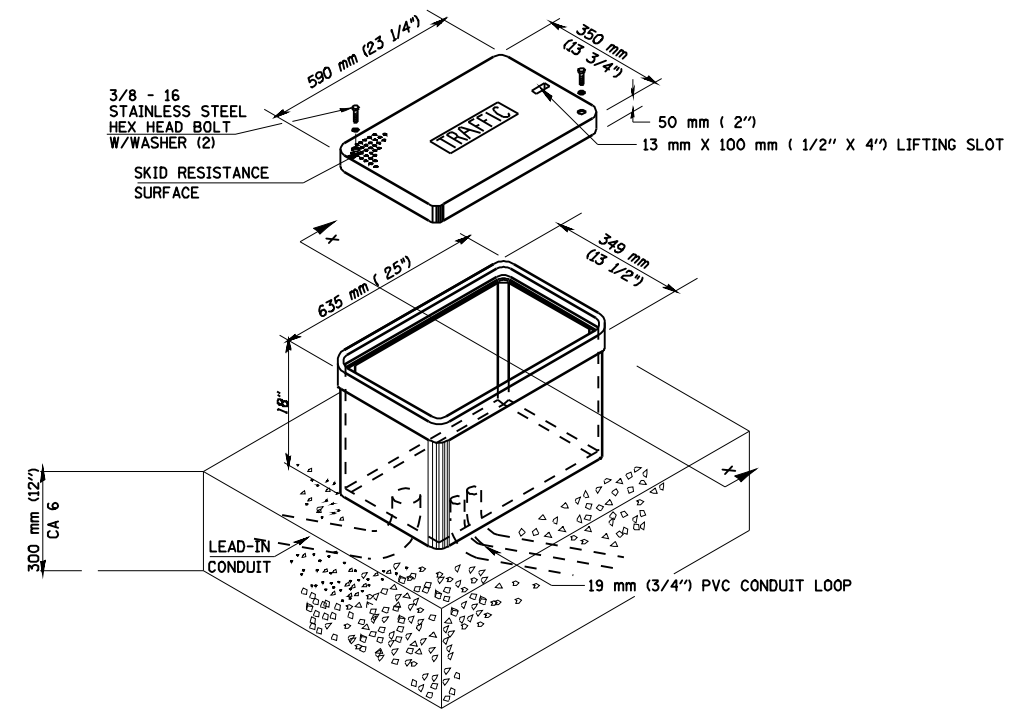
THE LOOP LEAD-IN CONDUIT HOLES SHALL BE PLACED AS CLOSE TO THE CURB AS POSSIBLE TO PERMIT SAW OVERLAP WITHOUT SCARRING FACE OF CURB.
IN NON-CURB LOCATIONS THE DISTANCE SHALL NOT BE LESS THAN 150 mm (6").



HANDHOLE CABLE CONNECTIONS

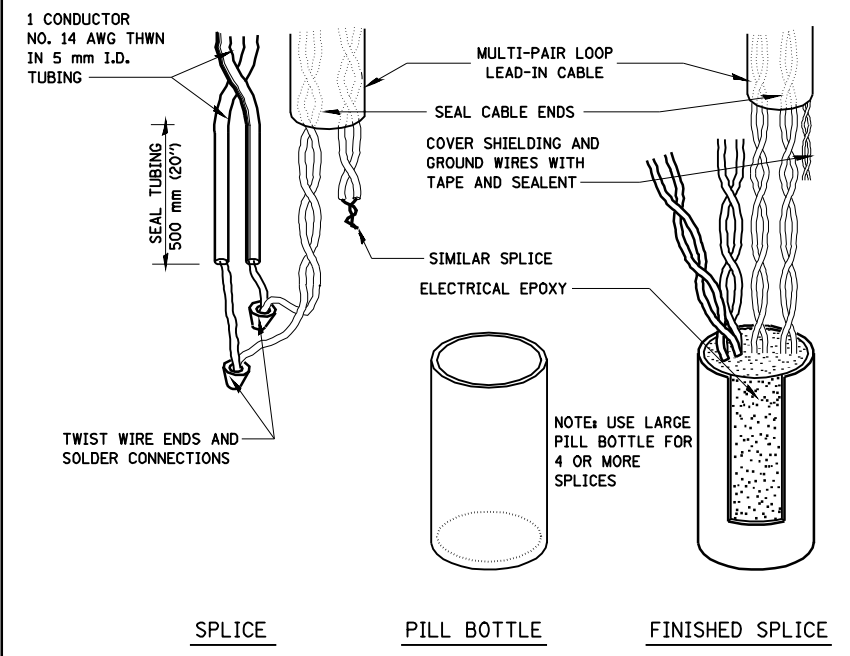
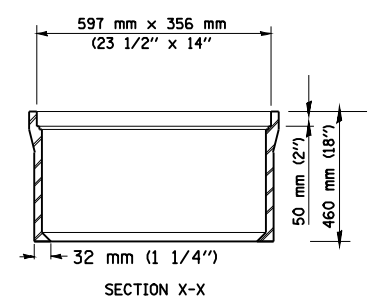


PAVEMENT SAWING DETAIL FOR TUBE ENCASED DETECTOR LOOP WIRE



MINIMUM DIMENSIONS

GULFBOX JUNCTION (SPECIAL)



BOTTLE SPLICE DETAIL

| | | | |
|--|------------------------------------|----------------|-----------|
| FILE NAME = | USER NAME = laughlinr1 | DESIGNED - WDC | REVISED - |
| e:\pwwork\pwidot\LAUGHLINRL\dna25724\0672845-ts_sheets.dgn | | DRAWN - CAD | REVISED - |
| | PLOT SCALE = 48.0000 ' / IN. | CHECKED - WCD | REVISED - |
| | PLOT DATE = Apr-07-2010 11:38:41AM | DATE - 5/02/96 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL DETECTOR LOOP DETAILS

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

| | | | | |
|---|----------------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 757 | (20X)RS-5; (21X)RS-3 | PIKE | 34 | 34 |
| CONTRACT NO. 72B45 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

DETLOOP.DGN