

72798

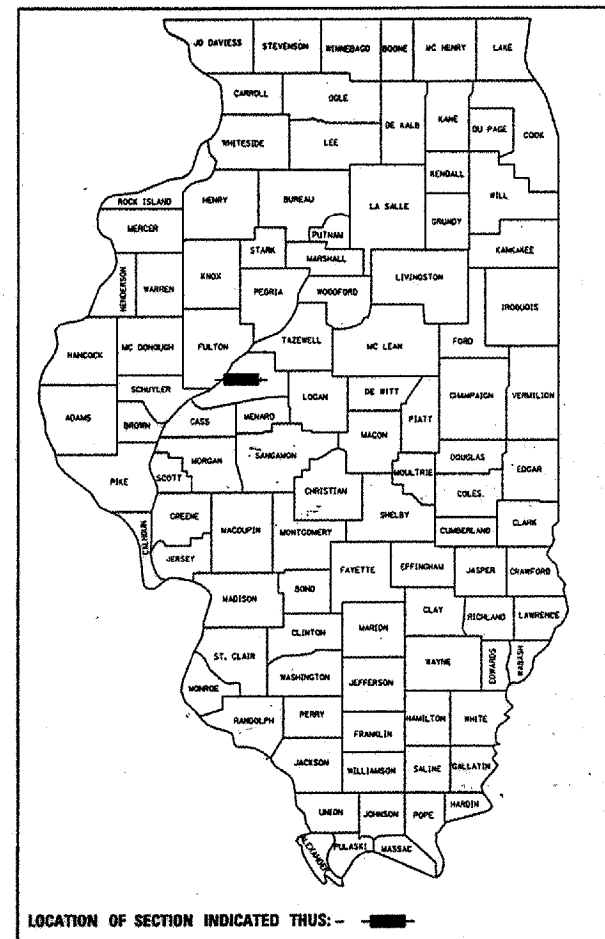
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	1

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

F.A.P. ROUTE 315 (US 136) PROJECT: NHF-0315 (049)  
SECTION (1,2)RS-4  
MASON COUNTY  
C-96-564-07

D-96-530-03

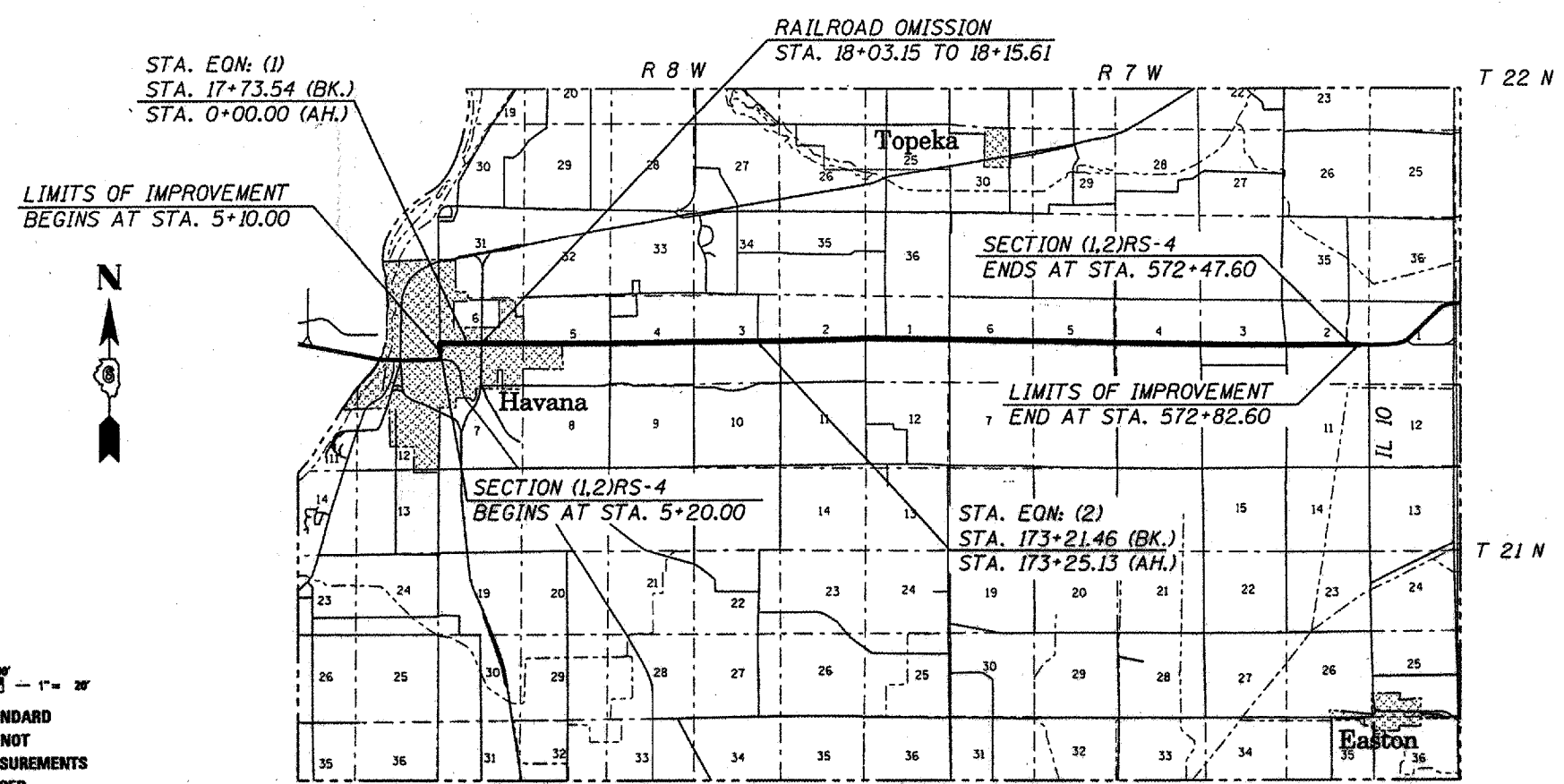


FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION

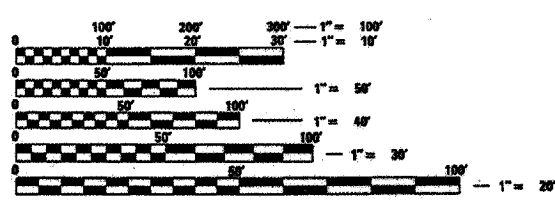
F.A.P. Route 315 (US 136)  
OTHER PRINCIPLE ARTERIAL

A.D.T. - 2,600 (2005) PV = 68.0%  
A.D.T. - 3,200 (2025) SU = 8.0%  
DESIGN SPEED - 55 mph MU = 24.0%  
POSTED SPEED - 55 mph



LOCATION MAP

GROSS LENGTH = 58,465.46 ft. = 11.07 mi.  
NET LENGTH = 58,530.46 ft. = 11.09 mi.



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

CONTRACT NO. 72798

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED **3/22/07**  
**David H. Zed**  
DISTRICT ENGINEER

**May 11, 2007**  
**Paul E. Harp**  
ENGINEER OF DESIGN AND ENVIRONMENT

**May 11, 2007**  
**Milton R. See**  
DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: SAL MADONIA (217) 782-4761  
SQUAD LEADER: RENE CABRERA (217) 557-9062  
JONATHAN COX

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	2
STA. 5+10.00		TO STA. 572+82.60		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

## INDEX OF SHEETS

### GENERAL NOTES

- ① 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 AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.
- ② THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
- ③ 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.
- ④ 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.
- ⑤ AN AVERAGE THICKNESS OF 2" WAS USED TO CALCULATE THE QUANTITY FOR AGGREGATE SHOULDER, TYPE B. ALSO, AN ADDITIONAL 10% WAS ADDED TO ACCOUNT FOR AREAS WITH LOW OR STEEP FORESLOPES.
- ⑥ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

LOCATION(S):	US 136	Side Rds. & Entr.	Side Rds. & Entr.
MIXTURE USE(S):	P HMA SC "D"	LEV BIND MM N70	INCIDENTAL HMA SURF
AC/PG:	SBS PG 70-22	PG 64-22	PG 64-22
DESIGN AIR Voids	4.0 @ N design = 70	4.0 @ N design = 70	4.0 @ N design = 50
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5 or IL 12.5	IL 9.5	IL 9.5 OR 12.5
FRICITION AGGREGATE	MIX "D"	N/A	MIX "C"

• IF CONTRACTOR ELECTS TO USE GREATER THAN 20% R.A.P., THE LIQUID ASPHALT SHALL BE PG 58-22

### RATES OF APPLICATION TABLES

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

HOT-MIX ASPHALT MATERIALS (PRIME COAT): 0.00038 TON / SQ YD (ON PAVEMENT)  
 0.001425 TON / SQ YD (ON AGGREGATE)  
 AGGREGATE MATERIALS (PRIME COAT): 0.002 TON / SQ YD  
 POLYMERIZED HOT-MIX ASPHALT SURFACE MIX D / BINDER (112 LBS): 0.056 TON / SQ YD • In  
 AGGREGATE MATERIALS: 2.05 TON / CU YD

### COMMITMENTS

(NONE)

### INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS
- 3 SUMMARY OF QUANTITIES
- 4 - 11 TYPICAL SECTIONS (8)
- 12 - 17 SCHEDULE OF QUANTITIES (6)
- 18 - 19 CENTERLINE DIAGRAM (2)
- 20 - 32 PLAN VIEW (13)
- 33 - 39 PAVEMENT MARKING DETAILS (7)
- 40 - 44 ENTRANCE AND SIDEROAD DETAILS (5)

### STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-02	CLASS C & D PATCHES
701011-01	OFF ROAD MOVING OPERATIONS 2L, 2W DAY ONLY FOR SPEEDS > 45 MPH (SHOULDER WORK)
701201-02	LANE CLOSURE 2L, 2W DAY ONLY FOR SPEEDS > 45MPH (PATCHING)
701301-02	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS (MARKING PATCHES & CLEANUP)
701306-01	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS > 45MPH (BIT SURF, MILLING, & SHLDR OPS)
701311-02	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY (PAVEMENT MARKING)
701501-03	URBAN LANE CLOSURE 2L, 2W UNDIVIDED (URBAN - BIT SURF, MILLING, SHLDR OPS)
702001-04	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKING
781000-02	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS

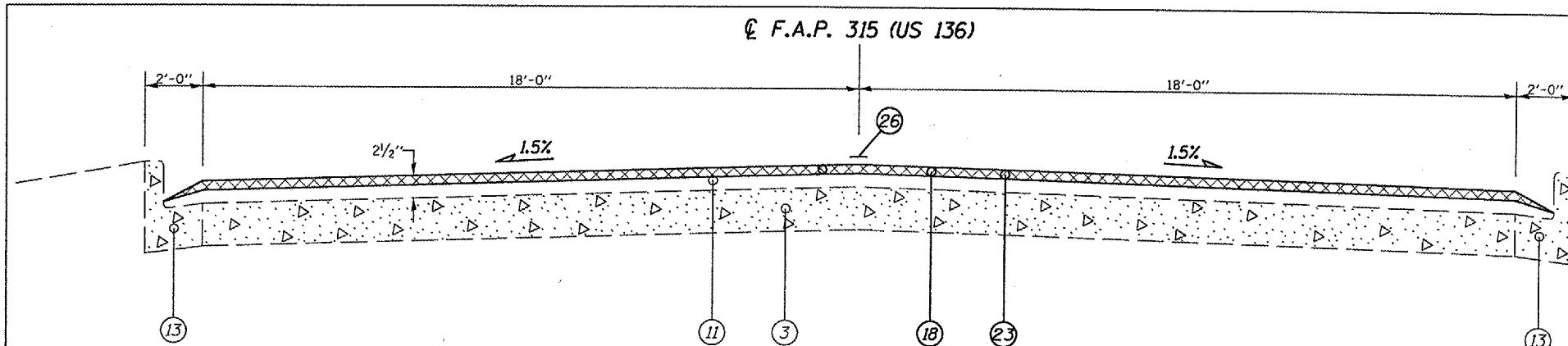
EXAMINED <u>Mar 21</u> 20 <u>07</u> <i>WRJ</i>
PROGRAM IMPLEMENTATION ENGINEER
EXAMINED <u>Mar 21</u> 20 <u>07</u> <i>WRJ</i>
PROGRAM DEVELOPMENT ENGINEER
DISTRICT SIX
EXAMINED <u>MARCH 22</u> 20 <u>07</u> <i>Lucia J. Harris</i>
OPERATIONS ENGINEER <i>MPW</i>

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION <u>INDEX OF SHEETS</u> F.A.P. Route 315 (US 136) Section (1,2)RS-4 MASON COUNTY
NAME	DATE	
		SCALE: VERT. HORIZ. DATE: MAY 16, 2003 DRAWN BY: JWC CHECKED BY: RSC



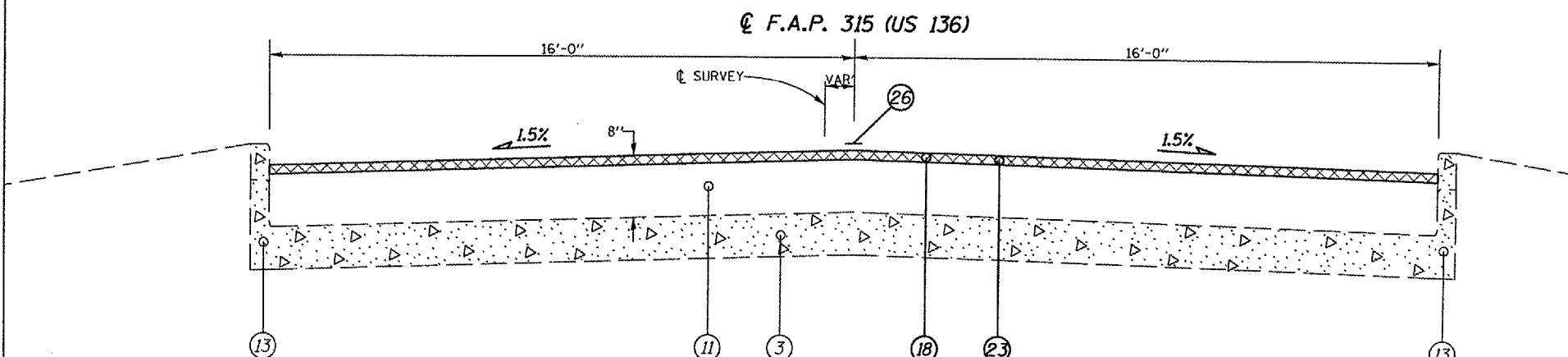
CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	4
STA. 5+20.00 TO STA. 8+45.31		ILLINOIS FED. AID PROJECT		

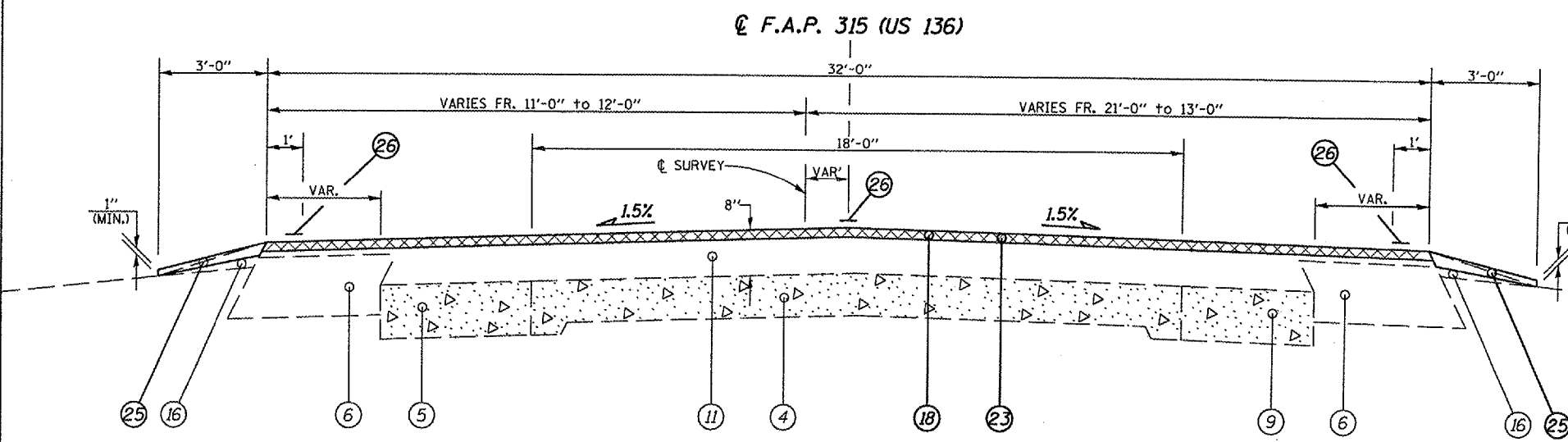


(1) STA 5+20.00 TO STA 17+73.54 [1,253.54']  
 (2) STA 0+00.00 TO STA 0+53.00 [53.0']

STA EQN #1:  
 STA 17+73.54 (BK) =  
 STA 0+00.00 (AH)



(3) STA 0+53.00 TO STA 4+61.50 [408.5']



(4) STA 4+61.50 TO STA 8+45.31 [383.81']

### LEGEND

- ① EXISTING LEVELING BINDER (MACH. METH.) MIX B, TY 2
- ② EXISTING SUB-BASE GRANULAR MATERIAL 4"
- ③ EXISTING P.C.C. PAVEMENT 7"
- ④ EXISTING P.C.C. PAVEMENT 9"-6"-9"
- ⑤ EXISTING P.C.C. BASE COURSE 8"
- ⑥ EXISTING BITUMINOUS BASE COURSE WIDENING 10"
- ⑦ EXISTING BITUMINOUS BASE COURSE WIDENING 9"
- ⑧ EXISTING BITUMINOUS BASE COURSE WIDENING 5"
- ⑨ EXISTING P.C.C. BASE COURSE WIDENING 8"
- ⑩ EXISTING AGGREGATE BASE WIDENING 15"
- ⑪ EXISTING BITUMINOUS OVERLAY
- ⑫ EXISTING GRANULAR EMBANKMENT (CA-07) VARIABLE DEPTH
- ⑬ EXISTING CONCRETE CURB AND GUTTER
- ⑭ EXISTING GUTTER, TYPE B
- ⑮ EXISTING BITUMINOUS SHOULDER, 4"
- ⑯ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑰ EXISTING POROUS GRANULAR FILL (CA-06) (VARIABLE DEPTH)
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) \*
- ㉑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70 3/4"
- ㉓ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- ㉔ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- ㉕ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ㉖ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ㉗ PROPOSED PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ㉘ PROPOSED PAINT PAVEMENT MARKING - LINE 5"

\* NOMINAL MILLING DEPTH 1/2" @ 1"

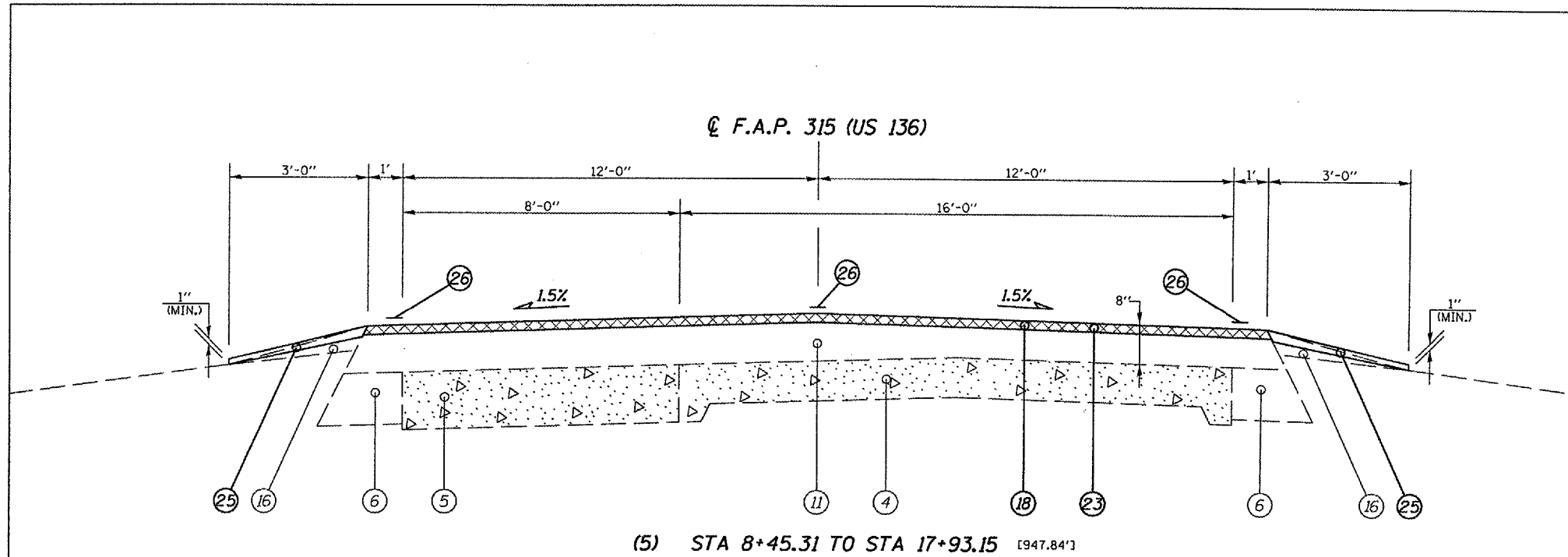
NOT TO SCALE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>TYPICAL SECTIONS</b> F.A.P. Route 315 (US 136) Section (1,2)RS-4 MASON COUNTY SCALE: VERT. _____ DATE: APRIL 16, 2003 DRAWN BY: MBM CHECKED BY: JWC

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 3/22/2007  
 REF 01

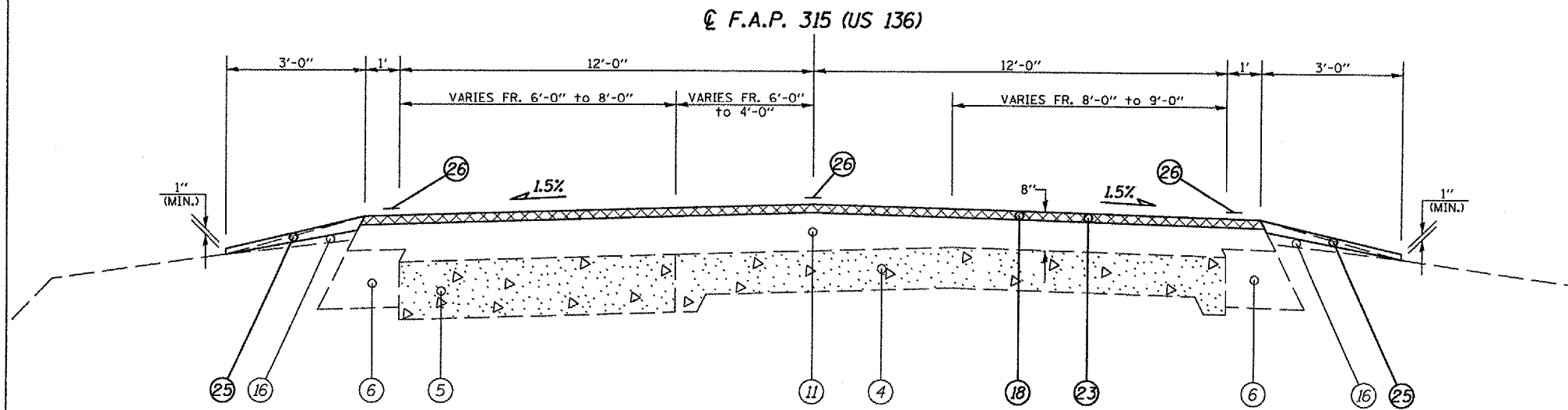
CONTRACT NO. 72798

F.A.P. RTE. 315	SECTION (1,2)RS-4	COUNTY MASON	TOTAL SHEETS 44	SHEET NO. 5
STA. 8+45.31		TO STA. 19+75.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



(5) STA 8+45.31 TO STA 17+93.15 [947.84']

**RAILROAD OMISSION:**  
STA 18+03.15 TO STA 18+15.61



(6) STA 18+25.61 TO STA 19+75.50 [149.89']

**LEGEND**

- ① EXISTING LEVELING BINDER (MACH. METH.) MIX B, TY 2
- ② EXISTING SUB-BASE GRANULAR MATERIAL 4"
- ③ EXISTING P.C.C. PAVEMENT 7"
- ④ EXISTING P.C.C. PAVEMENT 9"-6"-9"
- ⑤ EXISTING P.C.C. BASE COURSE 8"
- ⑥ EXISTING BITUMINOUS BASE COURSE WIDENING 10"
- ⑦ EXISTING BITUMINOUS BASE COURSE WIDENING 9"
- ⑧ EXISTING BITUMINOUS BASE COURSE WIDENING 5"
- ⑨ EXISTING P.C.C. BASE COURSE WIDENING 8"
- ⑩ EXISTING AGGREGATE BASE WIDENING 15"
- ⑪ EXISTING BITUMINOUS OVERLAY
- ⑫ EXISTING GRANULAR EMBANKMENT (CA-07) VARIABLE DEPTH
- ⑬ EXISTING CONCRETE CURB AND GUTTER
- ⑭ EXISTING GUTTER, TYPE B
- ⑮ EXISTING BITUMINOUS SHOULDER, 4"
- ⑯ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑰ EXISTING POROUS GRANULAR FILL (CA-06) (VARIABLE DEPTH)
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1½"
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) \*
- ㉑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2¼"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70 ¾"
- ㉓ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- ㉔ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1½"
- ㉕ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ㉖ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ㉗ PROPOSED PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ㉘ PROPOSED PAINT PAVEMENT MARKING - LINE 5"

\* NOMINAL MILLING DEPTH ½" @ ②

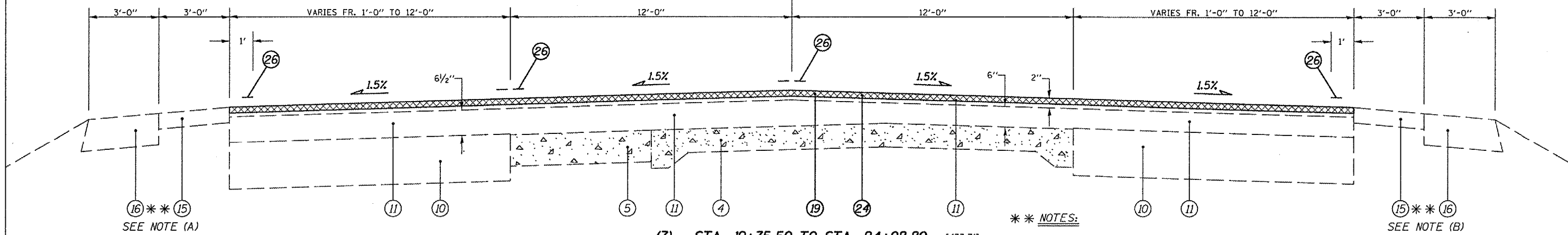
**NOT TO SCALE**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION <b>TYPICAL SECTIONS</b> F.A.P. Route 315 (US 136) Section (1,2)RS-4 MASON COUNTY
NAME	DATE	
		SCALE: VERT. HORIZ. DATE: APRIL 16, 2003
DRAWN BY: MBM		CHECKED BY: JWC

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	6
STA. 19+75.50		TO STA. 26+58.94		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

☉ F.A.P. 315 (US 136)

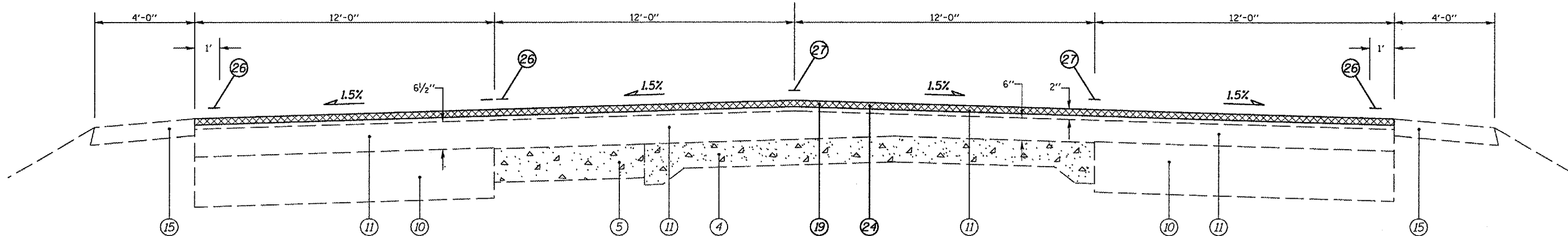


(7) STA. 19+75.50 TO STA. 24+08.80 [433.3']

\*\* NOTES:

- (A) 3' EXIST. AGGR SHLDR ENDS & 4' BIT SHLDR BEGINS AT STA. 24+83.40 LT.
- (B) 3' EXIST. AGGR SHLDR ENDS & 4' BIT SHLDR BEGINS AT STA. 21+78.80 RT.

☉ F.A.P. 315 (US 136)



(8) STA. 24+08.80 TO STA. 26+58.94 [250.14']

**LEGEND**

- |  |  |  |
|--|--|--|
| ① EXISTING LEVELING BINDER (MACH. METH.) MIX B, TY 2 | ⑩ EXISTING AGGREGATE BASE WIDENING 15"                   | ⑰ EXISTING POROUS GRANULAR FILL (CA-06) (VARIABLE DEPTH)                   |
| ② EXISTING SUB-BASE GRANULAR MATERIAL 4"             | ⑪ EXISTING BITUMINOUS OVERLAY                            | ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"                         |
| ③ EXISTING P.C.C. PAVEMENT 7"                        | ⑫ EXISTING GRANULAR EMBANKMENT (CA-07) VAR. DEPTH        | ⑲ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"                           |
| ④ EXISTING P.C.C. PAVEMENT 9"-6"-9"                  | ⑬ EXISTING CONCRETE CURB AND GUTTER                      | ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) *              |
| ⑤ EXISTING P.C.C. BASE COURSE 8"                     | ⑭ EXISTING GUTTER, TYPE B                                | ㉑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"                         |
| ⑥ EXISTING BITUMINOUS BASE COURSE WIDENING 10"       | ⑮ EXISTING BITUMINOUS SHOULDER, 4"                       | ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70 3/4"                      |
| ⑦ EXISTING BITUMINOUS BASE COURSE WIDENING 9"        | ⑯ EXISTING AGGREGATE SHOULDER, TYPE B                    | ㉓ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"     |
| ⑧ EXISTING BITUMINOUS BASE COURSE WIDENING 5"        | ⑰ EXISTING POROUS GRANULAR FILL (CA-06) (VARIABLE DEPTH) | ㉔ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2" |
| ⑨ EXISTING P.C.C. BASE COURSE WIDENING 8"            | ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"       | ㉕ PROPOSED AGGREGATE SHOULDERS, TYPE B                                     |

\* NOMINAL MILLING DEPTH 1/2" ☉

NOT TO SCALE

REVISIONS	
NAME	DATE

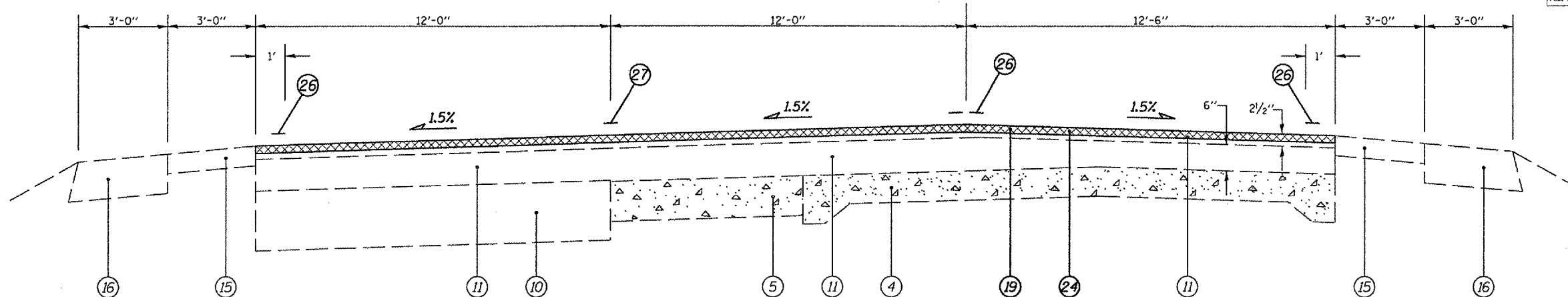
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT.      DRAWN BY: JWC  
 HORIZ.              CHECKED BY: RSC  
 DATE: FEBRUARY 28, 2007

CONTRACT NO. 72798

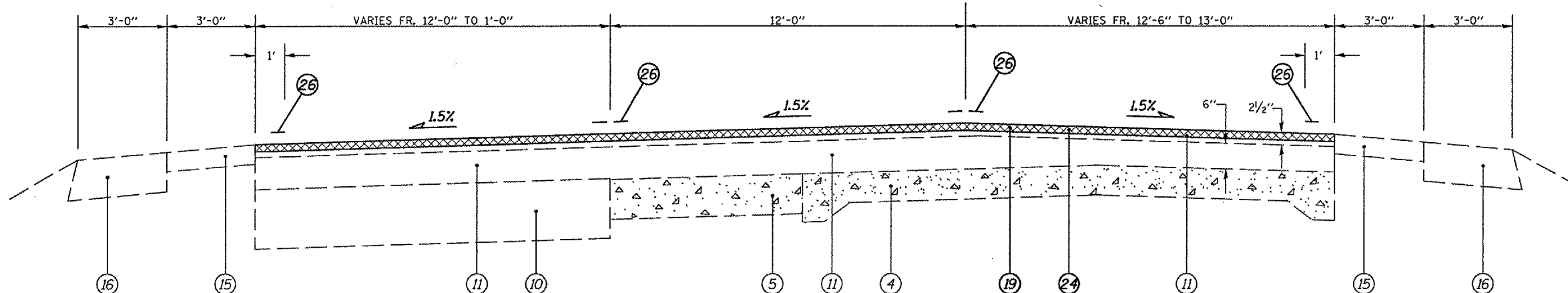
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	7
STA. 25+58.94		TO STA. 35+59.80		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

☉ F.A.P. 315 (US 136)



(9) STA. 25+58.94 TO STA. 31+47.60 [588.66']

☉ F.A.P. 315 (US 136)



(10) STA. 31+47.60 TO STA. 35+59.80 [412.2']

**LEGEND**

- |  |   |  |
|--|---|--|
| ① EXISTING LEVELING BINDER (MACH. METH.) MIX B, TY 2 | ⑩ EXISTING AGGREGATE BASE WIDENING 15"            | ⑰ EXISTING POROUS GRANULAR FILL (CA-06) (VARIABLE DEPTH)                   |
| ② EXISTING SUB-BASE GRANULAR MATERIAL 4"             | ⑪ EXISTING BITUMINOUS OVERLAY                     | ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"                         |
| ③ EXISTING P.C.C. PAVEMENT 7"                        | ⑫ EXISTING GRANULAR EMBANKMENT (CA-07) VAR. DEPTH | ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) *              |
| ④ EXISTING P.C.C. PAVEMENT 9"-6"-9"                  | ⑬ EXISTING CONCRETE CURB AND GUTTER               | ㉑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"                         |
| ⑤ EXISTING P.C.C. BASE COURSE 8"                     | ⑭ EXISTING GUTTER, TYPE B                         | ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70 3/4"                      |
| ⑥ EXISTING BITUMINOUS BASE COURSE WIDENING 10"       | ⑮ EXISTING BITUMINOUS SHOULDER, 4"                | ㉓ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"     |
| ⑦ EXISTING BITUMINOUS BASE COURSE WIDENING 9"        | ⑯ EXISTING AGGREGATE SHOULDER, TYPE B             | ㉔ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2" |
| ⑧ EXISTING BITUMINOUS BASE COURSE WIDENING 5"        |   | ㉕ PROPOSED AGGREGATE SHOULDERS, TYPE B                                     |
| ⑨ EXISTING P.C.C. BASE COURSE WIDENING 8"            |   | ㉖ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"                        |

\* NOMINAL MILLING DEPTH 1/2" @ ☉

NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: FEBRUARY 28, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

PLOT DATE = 2/22/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = rsc

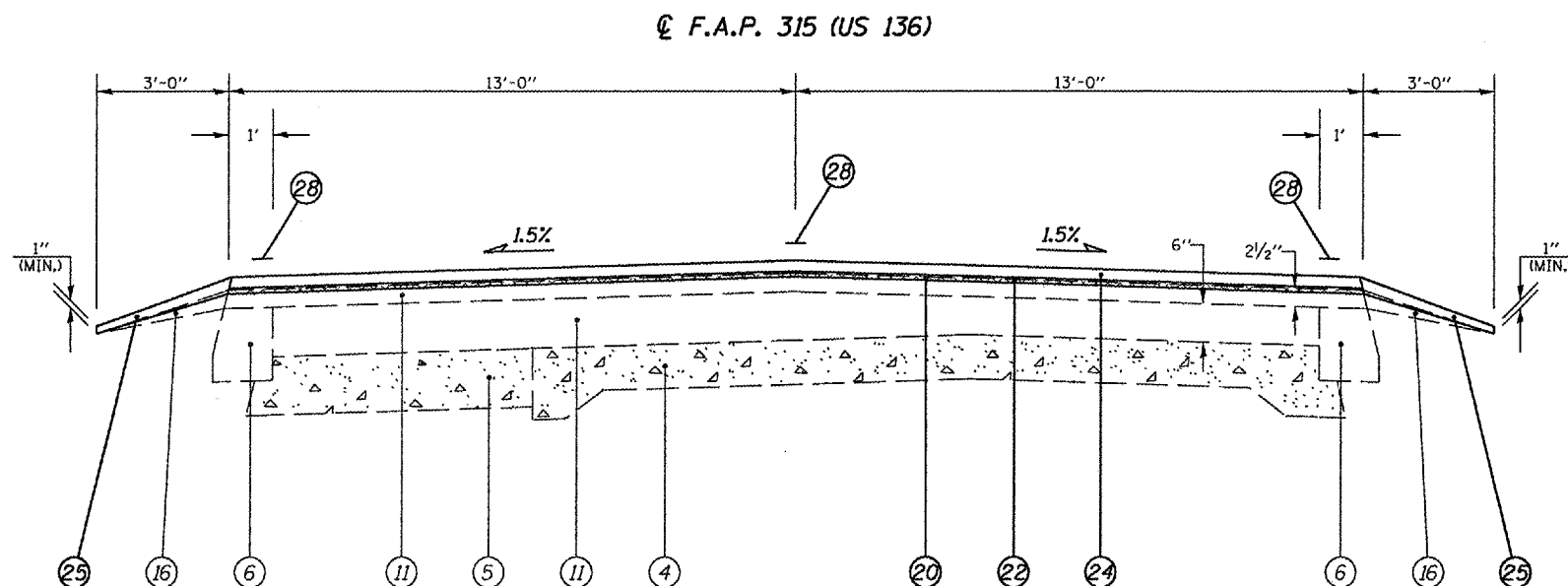






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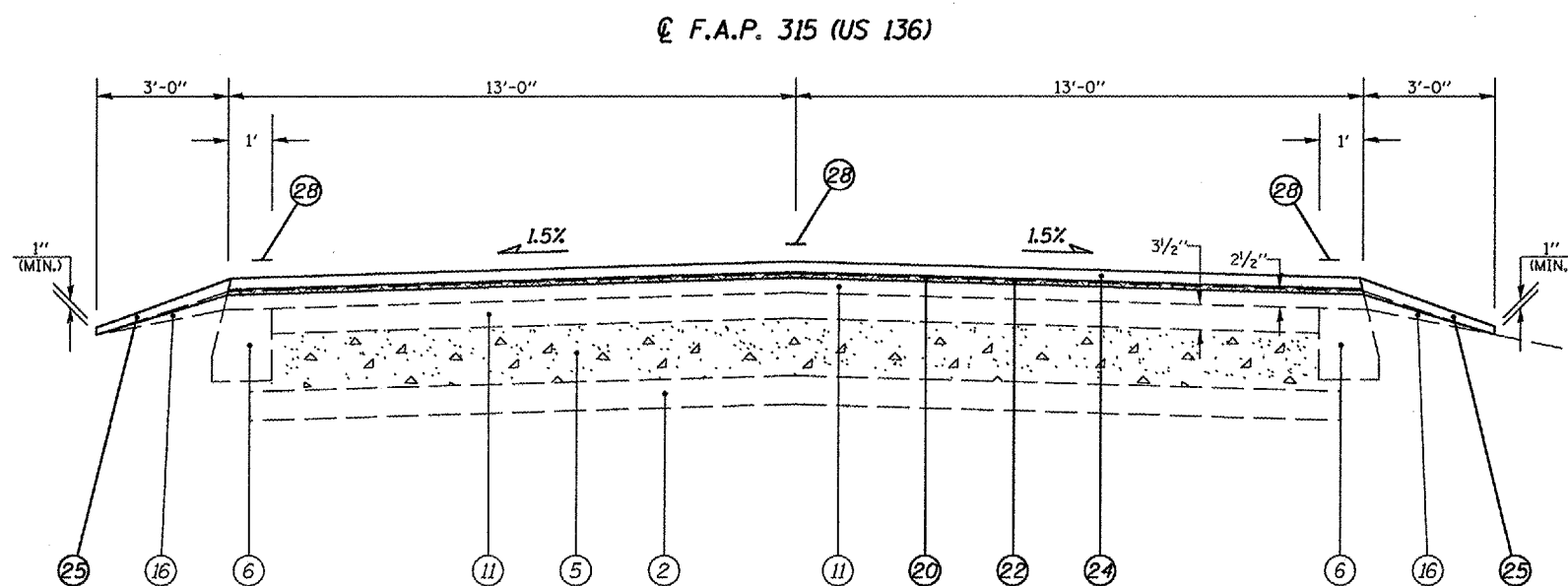
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	9
STA. * TO STA. *		ILLINOIS FED. AID PROJECT		
* 80+00.00 to 198+00.00				
422+00.00 to 573+47.60				



- (14) STA. 80+00.00 TO STA. 82+75.00 [275']
- (16) STA. 150+00.00 TO STA. 151+75.00 [175']
- (18) STA. 167+87.00 TO STA. 173+21.46 [534.46']
- (19) STA. 173+25.13 TO STA. 198+00.00 [2,474.87']
- (36) STA. 422+00.00 TO STA. 534+00.00 [11,200']
- (38) STA. 548+29.00 TO STA. 572+47.60 [2,418.6']

**STA EQN #2**

STA 173+21.46 (BK) =  
STA 173+25.13 (AH)



- (15) STA. 82+75.00 TO STA. 150+00.00 [6,725']
- (17) STA. 151+75.00 TO STA. 167+87.00 [1,612']

**LEGEND**

- ① EXISTING LEVELING BINDER (MACH. METH.) MIX B, TY 2
- ② EXISTING SUB-BASE GRANULAR MATERIAL 4"
- ③ EXISTING P.C.C. PAVEMENT 7"
- ④ EXISTING P.C.C. PAVEMENT 9"-6"-9"
- ⑤ EXISTING P.C.C. BASE COURSE 8"
- ⑥ EXISTING BITUMINOUS BASE COURSE WIDENING 10"
- ⑦ EXISTING BITUMINOUS BASE COURSE WIDENING 9"
- ⑧ EXISTING BITUMINOUS BASE COURSE WIDENING 5"
- ⑨ EXISTING P.C.C. BASE COURSE WIDENING 8"
- ⑩ EXISTING AGGREGATE BASE WIDENING 15"
- ⑪ EXISTING BITUMINOUS OVERLAY
- ⑫ EXISTING GRANULAR EMBANKMENT (CA-07) VARIABLE DEPTH
- ⑬ EXISTING CONCRETE CURB AND GUTTER
- ⑭ EXISTING GUTTER, TYPE B
- ⑮ EXISTING BITUMINOUS SHOULDER, 4"
- ⑯ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑰ EXISTING POROUS GRANULAR FILL (CA-06) (VARIABLE DEPTH)
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) \*
- ㉑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70 3/4"
- ㉓ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- ㉔ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- ㉕ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ㉖ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ㉗ PROPOSED PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ㉘ PROPOSED PAINT PAVEMENT MARKING - LINE 5"

\* NOMINAL MILLING DEPTH 1/2" @ C

NOT TO SCALE

REVISIONS	
NAME	DATE

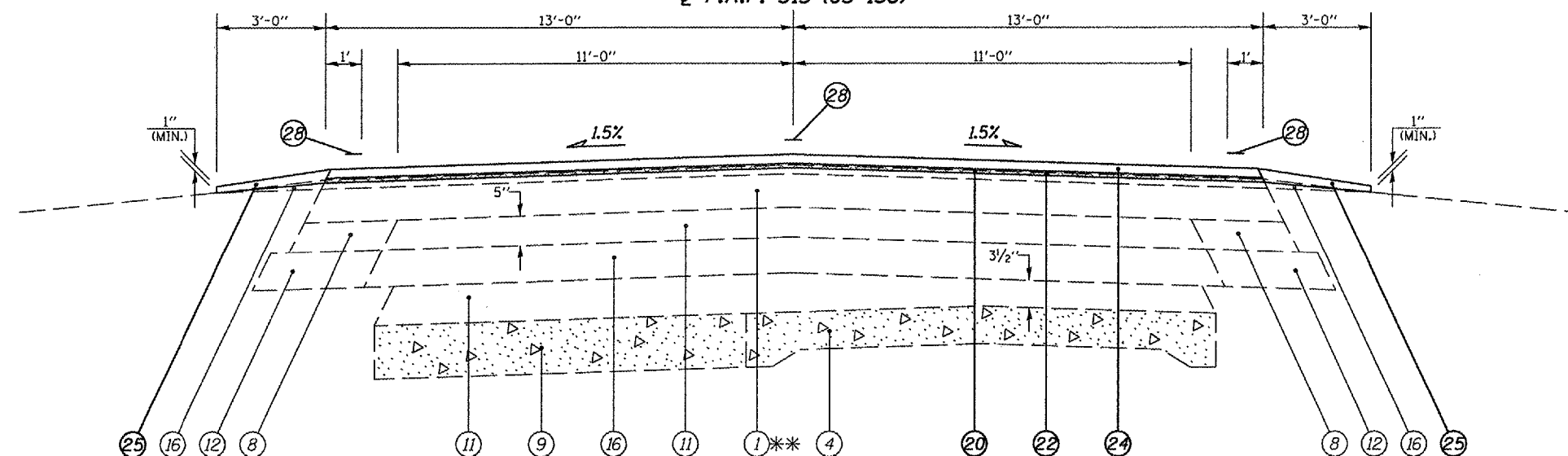
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: FEBRUARY 28, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = rsc

CONTRACT NO. 72798

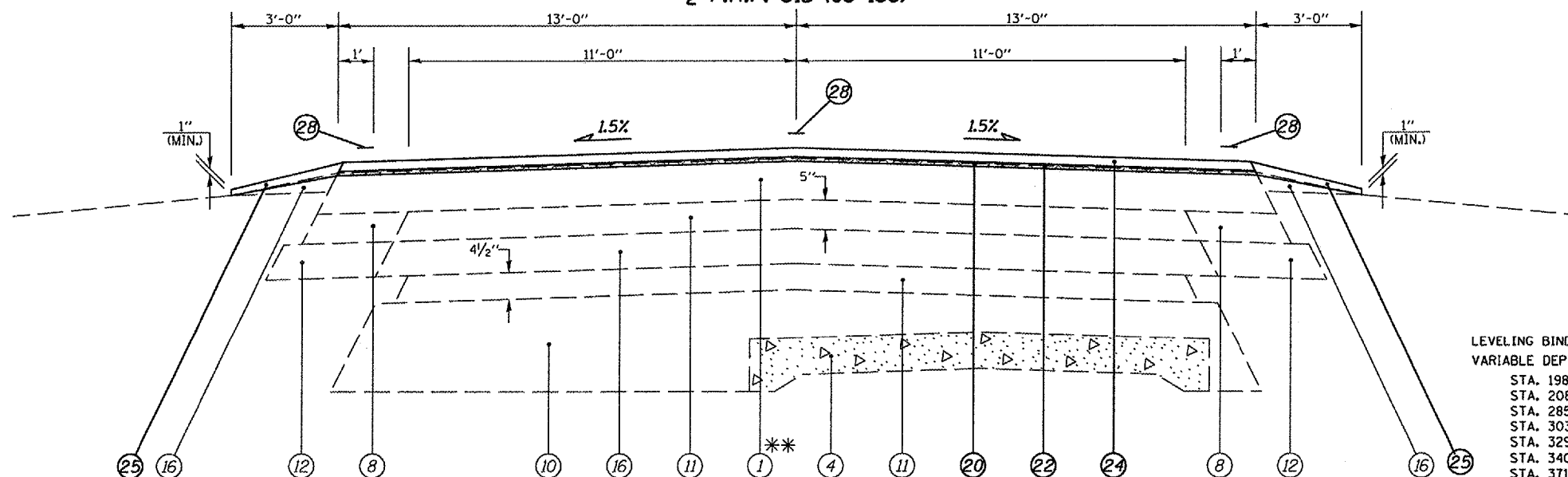
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	10
STA. 198+00.00		TO STA. 422+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

☉ F.A.P. 315 (US 136)



- (20) STA. 198+00.00 TO STA. 201+00.00 [300']
- (22) STA. 207+00.00 TO STA. 212+00.00 [500']
- (24) STA. 288+00.00 TO STA. 307+00.00 [1,900']
- (28) STA. 330+75.00 TO STA. 340+75.00 [1,000']
- (30) STA. 370+50.00 TO STA. 374+26.00 [376']
- (32) STA. 386+52.00 TO STA. 392+00.00 [548']
- (34) STA. 408+50.00 TO STA. 414+83.00 [633']

☉ F.A.P. 315 (US 136)



- (21) STA. 201+00.00 TO STA. 207+00.00 [600']
- (31) STA. 374+26.00 TO STA. 386+52.00 [1,226']
- (35) STA. 414+83.00 TO STA. 422+00.00 [717']

### LEGEND

- ① EXISTING LEVELING BINDER (MACH. METH.) MIX B, TY 2
- ② EXISTING SUB-BASE GRANULAR MATERIAL 4"
- ③ EXISTING P.C.C. PAVEMENT 7"
- ④ EXISTING P.C.C. PAVEMENT 9"-6"-9"
- ⑤ EXISTING P.C.C. BASE COURSE 8"
- ⑥ EXISTING BITUMINOUS BASE COURSE WIDENING 10"
- ⑦ EXISTING BITUMINOUS BASE COURSE WIDENING 9"
- ⑧ EXISTING BITUMINOUS BASE COURSE WIDENING 5"
- ⑨ EXISTING P.C.C. BASE COURSE WIDENING 8"
- ⑩ EXISTING AGGREGATE BASE WIDENING 15"
- ⑪ EXISTING BITUMINOUS OVERLAY
- ⑫ EXISTING GRANULAR EMBANKMENT (CA-07) VARIABLE DEPTH
- ⑬ EXISTING CONCRETE CURB AND GUTTER
- ⑭ EXISTING GUTTER, TYPE B
- ⑮ EXISTING BITUMINOUS SHOULDER, 4"
- ⑯ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑰ EXISTING POROUS GRANULAR FILL (CA-06) (VARIABLE DEPTH)
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) \*
- ㉑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70 3/4"
- ㉓ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- ㉔ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- ㉕ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ㉖ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ㉗ PROPOSED PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ㉘ PROPOSED PAINT PAVEMENT MARKING - LINE 5"

LEVELING BINDER (MACH. METH.) MIX B, TY 2 SCHEDULE VARIABLE DEPTH

DEPTH	STATION RANGE
3"	STA. 198+00 TO STA. 201+16 STA. 208+18 TO STA. 211+50 STA. 285+00 TO STA. 290+76 STA. 303+94 TO STA. 306+00 STA. 329+00 TO STA. 331+00 STA. 340+42 TO STA. 345+50 STA. 371+00 TO STA. 373+76 STA. 388+32 TO STA. 391+50 STA. 410+50 TO STA. 413+78 STA. 418+20 TO STA. 422+00
2"	STA. 211+50 TO STA. 285+00 STA. 306+00 TO STA. 329+00
5 1/2" MIN. & VAR.	STA. 201+16 TO STA. 208+18 STA. 290+76 TO STA. 303+94 STA. 331+00 TO STA. 340+42 STA. 373+76 TO STA. 388+32 STA. 413+78 TO STA. 418+20

DEPTH	STATION RANGE
3"	STA. 211+50 TO STA. 285+00 STA. 306+00 TO STA. 329+00
2"	STA. 345+50 TO STA. 371+00 STA. 391+50 TO STA. 410+50

\* NOMINAL MILLING DEPTH 1/2" @ ☉

NOT TO SCALE

REVISIONS	
NAME	DATE

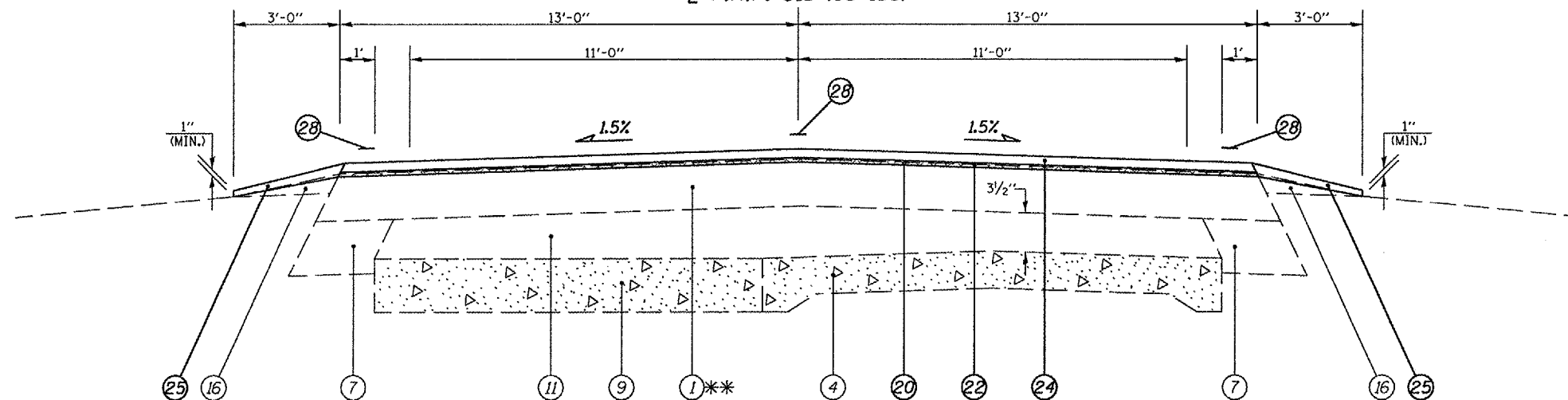
ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT.      DRAWN BY: JWC  
 HORIZ.              CHECKED BY: RSC  
 DATE: FEBRUARY 28, 2007

CONTRACT NO. 72798

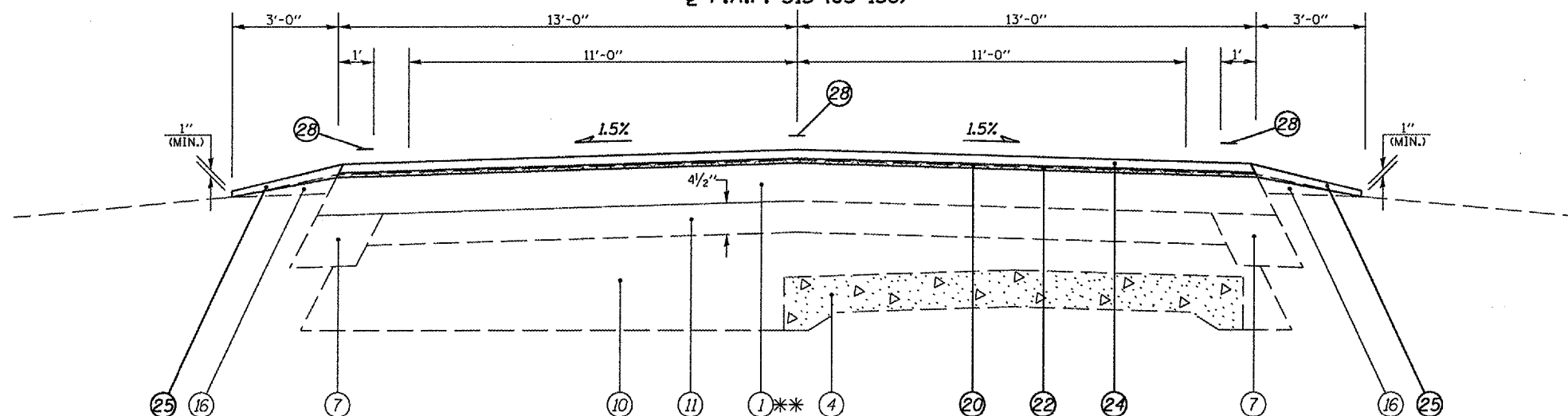
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	11
STA. 212+00.00		TO STA. 408+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

℄ F.A.P. 315 (US 136)



- (23) STA. 212+00.00 TO STA. 288+00.00 [7,600']
- (25) STA. 307+00.00 TO STA. 311+83.00 [483']
- (27) STA. 327+26.00 TO STA. 330+75.00 [349']
- (29) STA. 340+75.00 TO STA. 370+50.00 [2,975']
- (35) STA. 392+00.00 TO STA. 408+50.00 [1,650']

℄ F.A.P. 315 (US 136)



- (26) STA. 311+83.00 TO STA. 327+26.00 [1,543']

**LEGEND**

- ① EXISTING LEVELING BINDER (MACH. METH.) MIX B, TY 2
- ② EXISTING SUB-BASE GRANULAR MATERIAL 4"
- ③ EXISTING P.C.C. PAVEMENT 7"
- ④ EXISTING P.C.C. PAVEMENT 9"-6"-9"
- ⑤ EXISTING P.C.C. BASE COURSE 8"
- ⑥ EXISTING BITUMINOUS BASE COURSE WIDENING 10"
- ⑦ EXISTING BITUMINOUS BASE COURSE WIDENING 9"
- ⑧ EXISTING BITUMINOUS BASE COURSE WIDENING 5"
- ⑨ EXISTING P.C.C. BASE COURSE WIDENING 8"
- ⑩ EXISTING AGGREGATE BASE WIDENING 15"
- ⑪ EXISTING BITUMINOUS OVERLAY
- ⑫ EXISTING GRANULAR EMBANKMENT (CA-07) VARIABLE DEPTH
- ⑬ EXISTING CONCRETE CURB AND GUTTER
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- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
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- ㉑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ㉒ PROPOSED LEVELING BINDER (MACHINE METHOD), N70 3/4"
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- ㉔ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- ㉕ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ㉖ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ㉗ PROPOSED PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ㉘ PROPOSED PAINT PAVEMENT MARKING - LINE 5"

\* NOMINAL MILLING DEPTH 1/2" @ ℄

EXISTING LEVELING BINDER (MACH. METH.) MIX B, TY 2 SCHEDULE VARIABLE DEPTH \*\*

- STA. 198+00 TO STA. 201+16
- STA. 208+18 TO STA. 211+50
- STA. 285+00 TO STA. 290+76
- STA. 303+94 TO STA. 306+00
- STA. 329+00 TO STA. 331+00
- STA. 340+42 TO STA. 345+50
- STA. 371+00 TO STA. 373+76
- STA. 388+32 TO STA. 391+50
- STA. 410+50 TO STA. 413+78
- STA. 418+20 TO STA. 422+00

5/2" MIN. & VAR.

- STA. 201+16 TO STA. 208+18
- STA. 290+76 TO STA. 303+94
- STA. 331+00 TO STA. 340+42
- STA. 373+76 TO STA. 388+32
- STA. 413+78 TO STA. 418+20

3"

- STA. 211+50 TO STA. 285+00
- STA. 306+00 TO STA. 329+00

2"

- STA. 345+50 TO STA. 371+00
- STA. 391+50 TO STA. 410+50

NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

F.A.P. Route 315 (US 136)  
Section (1,2)RS-4  
MASON COUNTY

SCALE: VERT. HORIZ.  
DATE: FEBRUARY 28, 2007

DRAWN BY: JWC  
CHECKED BY: RSC

PLOT DATE = 2/22/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = esojh

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

## SCHEDULE OF QUANTITIES

### HOT-MIX ASPHALT SURFACE REMOVAL

LOCATION	BUTT JOINT	VAR. DEPTH	1 1/2"	2"	2 1/4"
	QUANTITY (SQ. YD.)	QUANTITY (SQ. YD.)	QUANTITY (SQ. YD.)	QUANTITY (SQ. YD.)	QUANTITY (SQ. YD.)
F. A. P. 315 (US 136)					
STA. 5+10.00 to 5+20.00	43.33				
STA. 5+20.00 to 10+04.55				2,099.72	
(Promenade St. Intersection)					
SE QUADRANT		(Measured Using CADD)		65.88	
STA. 10+04.55 to 17+73.54				3,332.29	
STA EQUATION #1 STA. 17+73.54 (BK) to 0+00.00 (AH)					
STA. 0+00.00 to 0+69.20				299.87	
STA. 0+69.20 to 4+61.50				1,394.84	
STA. 4+61.50 to 8+45.31				1,236.72	
STA. 8+45.31 to 17+93.15				2,738.20	
STA. 17+93.15 to 18+03.15	28.89				
RAILROAD OMISSION STA. 18+03.15 to 18+15.61					
STA. 18+15.61 to 18+25.61	28.89				
STA. 18+25.61 to 19+75.50			433.02		
STA. 19+75.50 to 21+78.80 RT			293.66		
STA. 19+75.50 to 24+08.80 LT			890.67		
STA. 21+78.80 to 24+08.80 RT			472.78		
STA. 24+08.80 to 27+47.00			1,803.73		
STA. 27+47.00 to 31+47.60			1,624.66		
STA. 31+47.60 to 35+59.80			1,431.25		
STA. 35+59.80 to 35+79.80		57.78			
STA. 35+79.80 to 50+65.00		4,290.58			
STA. 50+65.00 to 51+00.00		101.11			
STA. 51+00.00 to 60+00.00				2,600.00	
STA. 60+00.00 to 60+35.00		101.11			
STA. 60+35.00 to 173+21.46		32,605.33			
STA EQUATION #2 STA. 173+21.46 (BK) to 173+25.13 (AH)					
STA. 173+25.13 to 572+62.60		115,374.91			
STA. 572+62.60 to 572+82.60	57.78				
(Prairie Ridge Rd.)					
NW QUADRANT		(Measured Using CADD)	203.57		
NE QUADRANT		(Measured Using CADD)	169.99		
SE QUADRANT		(Measured Using CADD)	47.26		
STA. 9+53.00 to 9+76.00	278.73	(Measured Using CADD)			
STA. 10+24.00 to 11+45.40			593.51		
STA. 11+45.40 to 11+55.40	48.89				
(INCIDENTAL HMA RESURFACING)					
SIDE ROADS & ENTRANCES	2,974.70				
<b>PROJECT TOTALS</b>	<b>3,462</b>	<b>152,531</b>	<b>7,964</b>	<b>11,168</b>	<b>2,600</b>

### TEMPORARY RAMPS

LOCATION	QUANTITY (SQ. YD.)
F. A. P. 315 (US 136)	
STA. 5+10.00 to 5+15.00	21.67
STA EQUATION #1 STA. 17+73.54 (BK) to 0+00.00 (AH)	
STA. 17+98.15 to 18+03.15	14.44
RAILROAD OMISSION STA. 18+03.15 to 18+15.61	
STA. 18+15.61 to 18+21.61	14.44
STA EQUATION #2 STA. 173+21.46 (BK) to 173+25.13 (AH)	
STA. 572+77.60 to 572+82.60	14.44
(Prairie Ridge Rd.)	
STA. 9+53.00 to 9+58.00	42.83
STA. 11+50.40 to 11+55.40	24.44
<b>PROJECT TOTAL</b>	<b>133</b>

### INCIDENTAL HOT-MIX ASPHALT SURFACING

LOCATION	QUANTITY (TON)
Hot-Mix Asphalt Entrances	297.77
Aggregate Entrances	57.82
Side Roads	157.46
<b>PROJECT TOTAL</b>	<b>513</b>

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

VERT. SCALE: HORIZ.  
 DATE: MARCH 4, 2007

DRAWN BY JWC  
 CHECKED BY RSC

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 100'  
 USER NAME = csh.m

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## SCHEDULE OF QUANTITIES

### AGGREGATE SHOULDERS, TYPE B

LOCATION	QUANTITY (TON)
F. A. P. 315 (US 136) STA. 4+61.50 to 18+03.15	101.87
<i>RAILROAD OMISSION</i> STA. 18+03.15 to 18+15.61	
STA. 18+15.61 to 19+17.50	7.74
STA. 35+59.80 to 173+21.46	1,044.87
<i>STA EQUATION #2</i> STA. 173+21.46 (BK) to 173+25.13 (AH)	
STA. 173+25.13 to 572+82.60	3,033.81
(Subtract Side Roads & Entrances) (fr. Incidental HMA Resurfacing)	-126.23
SUB-TOTAL	4,062.06
ADDITIONAL 10% TO ACCOUNT FOR AREAS WITH LOW OR STEEP FORESLOPES	406.21
PROJECT TOTAL	4,469

### WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION	QUANTITY (SQ. FT)
(Removal of Short-Term Pavement Marking) (After Surface Course)	1,835
PROJECT TOTAL	1,835

### SHORT-TERM PAVEMENT MARKING

LOCATION	QUANTITY (FOOT)
(After Milling): F. A. P. 315 (US 136) STA. 5+10.00 to 17+73.54	114.87
<i>STA EQUATION #1</i> STA. 17+73.54 (BK) to 0+00.00 (AH)	
STA. 0+00.00 to 18+03.15	163.92
<i>RAILROAD OMISSION</i> STA. 18+03.15 to 18+15.61	
STA. 18+15.61 to 19+75.50	14.54
STA. 19+75.50 to 24+08.80	78.78
STA. 24+08.80 to 26+09.80	54.82
STA. 27+06.80 to 29+07.80	36.55
STA. 29+07.80 to 35+59.80	118.55
STA. 35+59.80 to 173+21.46	1,251.06
<i>STA EQUATION #2</i> STA. 173+21.46 (BK) to 173+25.13 (AH)	
STA. 173+25.13 to 572+82.60	3,632.50
Prairie Ridge Rd. STA. 10+40.00 to 11+55.40	39.16
PROJECT SUB-TOTAL (Milling)	5,504.75
(After Level Binder)	5,504.75
(After Surface Course)	5,504.75
PROJECT TOTAL	16,515

### PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"

LOCATION	QUANTITY (FOOT)
F. A. P. 315 (US 136) STA. 24+08.80 to 26+07.80 RT & C.L.	388
STA. 27+08.80 to 29+07.80 LT	199
Prairie Ridge Road STA. 10+42.00 to 11+41.00 LT	199
PROJECT TOTAL	786

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 100'  
 USER NAME = cswj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT.      DRAWN BY JWC  
 HORIZ.            CHECKED BY RSC  
 DATE: MARCH 4, 2007

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## SCHEDULE OF QUANTITIES

### PAINT PAVEMENT MARKING - LINE

LOCATION	5"			
	YELLOW			WHITE
	DBL-SLD (FOOT)	SOLID (FOOT)	SKIP-DASH (FOOT)	SOLID (FOOT)
F. A. P. 315 (US 136)				
STA. 35+59.80 to 173+21.46				27,523.32
STA. 35+59.80 to 37+75.00	430.40			
STA. 37+75.00 to 173+21.46			3,386.62	
<i>STA EQUATION</i>				
STA. 173+21.46 (BK) to 173+25.13 (AH)				
STA. 173+25.13 to 572+82.60				79,914.94
STA. 173+25.13 to 184+75.00			287.47	
STA. 179+75.00 to 184+75.00		500		
STA. 184+75.00 to 187+75.00	600			
STA. 187+75.00 to 317+50.00			3,243.75	
STA. 187+75.00 to 195+25.00		750		
STA. 309+00.00 to 317+50.00		850		
STA. 317+50.00 to 322+00.00	900			
STA. 322+00.00 to 329+75.00		775		
STA. 322+00.00 to 366+00.00			1,100	
STA. 359+50.00 to 366+00.00		650		
STA. 366+00.00 to 367+50.00	300			
STA. 367+50.00 to 374+26.00		676		
STA. 367+50.00 to 399+75.00			806.25	
STA. 393+75.00 to 399+75.00		600		
STA. 399+75.00 to 405+75.00	1200			
STA. 405+75.00 to 409+00.00		325		
STA. 405+75.00 to 425+00.00			481.25	
STA. 418+75.00 to 425+00.00		625		
STA. 425+00.00 to 428+00.00	600			
STA. 428+00.00 to 432+00.00		400		
STA. 428+00.00 to 471+00.00			1,075	
STA. 463+25.00 to 471+00.00		775		
STA. 471+00.00 to 473+50.00	500			
STA. 473+50.00 to 478+50.00		500		
STA. 473+50.00 to 517+00.00			1,087.50	
STA. 512+00.00 to 517+00.00		500		
STA. 517+00.00 to 521+50.00	900			
STA. 521+50.00 to 527+25.00		575		
STA. 521+50.00 to 532+00.00			262.50	
STA. 530+00.00 to 532+00.00		200		
STA. 532+00.00 to 548+25.00	3250			
<b>PROJECT SUB-TOTAL</b>	<b>8,680.4</b>	<b>8,701.0</b>	<b>11,730.3</b>	<b>107,438.3</b>

### PAINT PAVEMENT MARKING - LINE CONT'

LOCATION	5"			
	YELLOW			WHITE
	DBL-SLD (FOOT)	SOLID (FOOT)	SKIP-DASH (FOOT)	SOLID (FOOT)
STA. 548+25.00 to 558+00.00		975		
STA. 548+25.00 to 572+82.60			614.4	
<i>(Subtract Side Roads)</i>				
<i>(16 Separate Side Rds.) (Approx. Width 30')</i>				-480
<b>PROJECT SUB-TOTAL</b>	<b>8,680.4</b>	<b>9,676.0</b>	<b>12,344.7</b>	<b>106,958.3</b>
<b>PROJECT TOTAL</b>	<b>137,660</b>			

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 100'  
 USER NAME = cswj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: MARCH 4, 2007  
 DRAWN BY JWC  
 CHECKED BY RSC

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## SCHEDULE OF QUANTITIES

### THERMOPLASTIC PAVEMENT MARKING - LINE

LOCATION	5"					6"	12"
	YELLOW	YELLOW	YELLOW	WHITE	WHITE	WHITE	YELLOW
	DBL-SLD	SOLID	SKIP-DASH	SKIP-DASH	SOLID	SOLID	SOLID
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
F. A. P. 315 (US 136)						Crosswalk	Chevrons
STA. 5+10.00 to 17+73.54			315.89				
STA. 9+59.72			(Measured Using CADD)			83.04	
STA EQUATION #1							
STA. 17+73.54 (BK) to 0+00.00 (AH)							
STA. 0+00.00 to 18+03.15			450.79				
STA. 4+61.50 to 18+03.15					2,683.30		
STA. 14+39.93 to 18+03.15		363.22					
STA. 9+14.76			(Measured Using CADD)			87.51	
(Charlotte St.)							
STA. 9+74.15			(Measured Using CADD)			78.33	
STA. 10+24.83			(Measured Using CADD)			84.96	
(Subtract)							
(Charlotte St.)							
(LT) 77'							
(RT) 84'			(Measured Using CADD)		-161		
RAILROAD OMISSION							
STA. 18+03.15 to 18+15.61							
STA. 18+03.15 to 19+75.50		159.89	43.09				
STA. 18+15.61 to 19+75.50					319.78		
STA. 19+75.50 to 24+83.40 LT					507.90		
STA. 19+75.50 to 25+83.80 RT					608.30		
STA. 19+75.50 to 24+08.80	1,733.20						65.57
STA. 21+78.80 to 24+08.80				115			
STA. 24+08.80 to 26+09.80	402						
STA. 27+06.80 to 29+07.80	402						
STA. 27+47.00 to 35+59.80 LT					812.80		
STA. 27+81.50 to 35+59.80 RT					778.30		
STA. 29+07.80 to 31+37.80				57.50			
STA. 29+07.80 to 33+87.90							136.02
STA. 29+07.80 to 35+59.80	2,608						
Prairie Ridge Rd.							
NW QUADRANT			(Measured Using CADD)		177.86		
NE QUADRANT			(Measured Using CADD)		154.49		
STA. 10+40.00 to 11+41.00	402						
STA. 10+84.30 to 11+55.40 LT					71.10		
STA. 11+41.00 to 11+55.40 RT					14.40		
STA. 11+41.00 to 11+55.40	57.60						
PROJECT SUB-TOTAL	5,604.80	523.11	809.77	172.50	5,967.23	333.84	201.59
PROJECT TOTAL			13,078			334	202

### PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"

LOCATION	QUANTITY (FOOT)
(WHITE SOLID) - STOP BAR	
F. A. P. 315 (US 136)	
(Measured Using CADD)	
STA. 9+48.32 RT	18.62
STA. 10+46.46 LT	19.11
STA EQUATION #1	
STA. 17+73.54 (BK) to 0+00.00 (AH)	
(Charlotte St.)	
STA. 9+62.02 RT	16.60
STA. 10+36.92 LT	18.56
F. A. P. 315 (US 136)	
STA. 14+49.93 RT	12
STA. 14+99.16 RT	12
STA. 17+88.17 RT	12
RAILROAD OMISSION	
STA. 18+03.15 to 18+15.61	
STA. 18+29.93 LT	12
STA. 20+20.00 LT	12
STA. 20+70.00 LT	12
STA. 26+09.80 RT	48.64
STA. 27+06.80 LT	37.28
Prairie Ridge Road	
STA. 10+40.00 LT	47.78
PROJECT TOTAL	279

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 100'  
 USER NAME = erj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 SCALE: VERT.      DRAWN BY JWC  
 DATE: MARCH 4, 2007      CHECKED BY RSC



CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS

LOCATION	QUANTITY (SQ FT)
F. A. P. 315 (US 136)	
STA. 14+74.93 RT	
"X" Marking	54
"R" Marking	7.20
RAILROAD OMISSION	
STA. 18+03.15 to 18+15.61	
STA. 20+45.00 LT	
"X" Marking	54
"R" Marking	7.20
STA. 24+63.60	
Lt Turn Arrow	15.60
Rt Turn Arrow	15.60
STA. 25+84.80	
Lt Turn Arrow	15.60
Rt Turn Arrow	15.60
STA. 27+31.80 LT	
Lt Turn Arrow	15.60
Combo Rt Turn & Thru Arrows	26
STA. 27+50.00 LT	
Lt Turn Arrow	15.60
Combo Rt Turn & Thru Arrows	26
Prairie Ridge Road	
STA. 10+66.00	
Lt Turn Arrow	15.60
STA. 11+12.30	
Lt Turn Arrow	15.60
<b>PROJECT TOTAL</b>	<b>300</b>

SCHEDULE OF QUANTITIES

RAISED REFLECTIVE PAVEMENT MARKING REMOVAL

LOCATION	QUANTITY (EACH)
F. A. P. 315 (US 136)	
(Beginning of Project to Randolph St.)	2
(Randolph St to Laurel St.)	3
(Laurel St. to McKinley St.)	4
(McKinley St. to Harpham St.)	5
(Harpham St. to Charlotte St.)	10
(Charlotte St. to R.R.)	16
(19+75.50 to TR 1750E)	45
(TR 1750E to TR 1800E)	33
(TR 1800E to TR 1900E)	66
(TR 1900E to TR 1970E)	51
(TR 1970E to TR 2000E)	17
(TR 2000E to TR 2100E)	68
(TR 2100E Ln. to FAS 568)	18
(FAS 568 to TR 2200E)	50
(TR 2200E to TR 2400E)	130
(TR 2400E to TR 2500E)	59
(TR 2500E to TR 2600E)	66
(TR 2600E to TR 2670E)	48
(TR 2670E to End of Project)	14
<b>PROJECT TOTAL</b>	<b>705</b>

RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	QUANTITY (EACH)
F. A. P. 315 (US 136)	
(40' Spacing)	
STA. 5+10.00 to 17+73.54	33
STA EQUATION #1	
STA. 17+73.54 (BK) to 0+00.00 (AH)	
STA. 0+00.00 to 18+03.15	46
RAILROAD OMISSION	
STA. 18+03.15 to 18+15.61	
STA. 18+15.61 to 19+75.50	5
STA. 19+75.50 to 24+08.80	48
STA. 24+08.80 to 26+09.80	20
STA. 27+06.80 to 29+07.80	18
STA. 29+07.80 to 35+59.80	69
(80' Spacing)	
STA. 35+59.80 to 173+21.46	173.00
STA EQUATION #2	
STA. 173+21.46 (BK) to 173+25.13 (AH)	
STA. 173+25.13 to 572+82.60	500.00
(40' Spacing)	
Prairie Ridge Rd.	
STA. 10+40.00 to 11+41.00	18
STA. 11+41.00 to 11+55.40	4
<b>PROJECT TOTAL</b>	<b>934</b>

PLOT DATE = 3/22/2007  
 PLOT SCALE = 0.001000  
 USER NAME = jwc

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT.      DRAWN BY JWC  
 HORIZ.            CHECKED BY RSC  
 DATE: MARCH 4, 2007

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

## SCHEDULE OF QUANTITIES

LOCATION STATION TO STATION		LT OR RT	EXIST PAVE WIDTH (FT)	LEV BINDER THICKNESS (IN)	HMA SURF THICKNESS (IN)	HMA SURF REMOVAL BUTT - JOINT (SQ YD)	HMA SURF REMOVAL (VAR. DEPTH) (SQ YD)	HMA SURF REMOVAL (1 1/2") (SQ YD)	HMA SURF REMOVAL (2") (SQ YD)	HMA SURF REMOVAL (2 1/4") (SQ YD)	LEV BINDER (MM), N70 (TON)	PLYMRZD HMA SURF CSE "D" N70 (TON)	BIT MAT PRIME CT (TON)	AGG PRIME CT (TON)
PAVEMENT SCHEDULE														
FAP 315 (US 136)														
STA. 5+10.00	TO		10.00	39	-	43.33	-	-	-	-	-	4.85	0.02	0.09
STA. 5+20.00	TO		484.55	39	-	-	-	-	2,099.72	-	-	235.17	0.80	4.20
(Promenade St. Intersection)														
Measured Using CADD														
SF Quadrant														
			65.88	-	-	-	-	-	65.88	-	-	7.38	0.03	0.13
FAP 315 (US 136)														
STA. 10+04.55	TO		768.99	39	-	-	-	-	3,332.29	-	-	373.22	1.27	6.66
(STA. EQ.#1) 17+73.54 BK. = 0+00.00 AH.														
STA. 0+00.00	TO		69.20	39	-	-	-	-	299.87	-	-	33.59	0.11	0.60
STA. 0+69.20	TO		392.30	32	-	-	-	-	1,394.84	-	-	156.22	0.53	2.79
STA. 4+61.50	TO		383.81	32'	32' to 26'	-	-	-	1,236.72	-	-	138.51	0.47	2.47
STA. 8+45.31	TO		947.84	26	-	-	-	-	2,738.20	-	-	306.68	1.04	5.48
STA. 17+93.15	TO		10.00	26	-	28.89	-	-	-	-	-	3.24	0.01	0.06
(R.R. OMISSION) 18+03.15 TO 18+15.61														
STA. 18+15.61	TO		10.00	26	-	28.89	-	-	-	-	-	2.43	0.01	0.06
STA. 18+25.61	TO		149.89	26	-	-	-	433.02	-	-	-	36.37	0.16	0.87
STA. 19+75.50	TO	RT	203.30	13	-	-	-	293.66	-	-	-	24.67	0.11	0.59
STA. 19+75.50	TO	LT	433.30	13'	13' to 24'	-	-	890.67	-	-	-	74.82	0.34	1.78
STA. 21+78.80	TO	RT	230.00	13'	13' to 24'	-	-	472.78	-	-	-	-	0.18	0.95
STA. 24+08.80	TO		338.20	48	-	-	-	1,803.73	-	-	-	151.51	0.69	3.61
STA. 27+47.00	TO		400.60	36.5	-	-	-	1,624.66	-	-	-	136.47	0.62	3.25
STA. 31+47.00	TO		412.20	36.5'	36.5' to 26'	-	-	1,431.25	-	-	-	120.23	0.54	2.86
STA. 35+59.80	TO		20.00	26	-	57.78	-	-	-	-	-	4.85	0.02	0.12
STA. 35+79.80	TO		15.00	26	Var fr. 0 to .75	-	-	-	-	-	0.91	-	-	-
STA. 35+94.80	TO		13,726.66	26	0.75	-	-	-	-	-	1,665.50	-	-	-
STA. 35+79.80	TO		1,485.20	26	-	-	4,290.58	-	-	-	-	360.41	1.63	8.58
STA. 50+65.00	TO		35.00	26	-	101.11	-	-	-	-	-	8.49	0.04	0.20
STA. 51+00.00	TO		900.00	26	-	-	-	-	-	2,600.00	-	218.40	0.99	5.20
STA. 60+00.00	TO		35.00	26	-	101.11	-	-	-	-	-	8.49	0.04	0.20
STA. 60+35.00	TO		11,286.46	26	-	32,605.33	-	-	-	-	-	2,738.85	12.39	65.21
(STA. EQ.#2) 173+21.46 BK. = 173+25.13 AH.														
STA. 173+25.13	TO		39,922.47	26	0.75	-	-	-	-	-	4,843.93	-	-	-
STA. 173+25.13	TO		39,937.47	26	-	-	115,374.91	-	-	-	-	9,691.49	43.84	230.75
STA. 572+47.60	TO		15.00	26	Var fr. .75 to 0	-	-	-	-	-	0.91	-	-	-
STA. 572+62.60	TO		20.00	26	-	57.78	-	-	-	-	-	4.85	0.02	0.12
Prairie Ridge Rd.														
NW Quadrant														
			A= 203.57 SY	-	-	-	-	203.57	-	-	-	17.10	0.08	0.41
NE Quadrant														
			A= 203.57 SY	-	-	-	-	169.99	-	-	-	14.25	0.06	0.34
SE Quadrant														
			A= 203.57 SY	-	-	-	-	47.26	-	-	-	3.97	0.02	0.09
STA. 9+53.00	TO		Measured Using CADD		A=278.73	1.5	278.73	-	-	-	-	23.41	0.11	0.56
STA. 10+24.00	TO		121.40	44	-	-	-	593.51	-	-	-	49.85	0.23	1.19
STA. 11+45.40	TO		10.00	44	-	48.89	-	-	-	-	-	4.11	0.02	0.10
Incidental HMA Resurfacing														
Side Roads & Entrances														
			-	-	-	-	2,974.70	-	-	-	-	-	1.13	5.95
AGG PE'S AND CE'S														
			44.33 SQ YD	-	-	-	-	-	-	-	-	-	0.06	-
TOTAL						3,462	152,531	7,964	11,168	2,600	6,512	14,954	68	356

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 100'-0"  
 USER NAME = esg

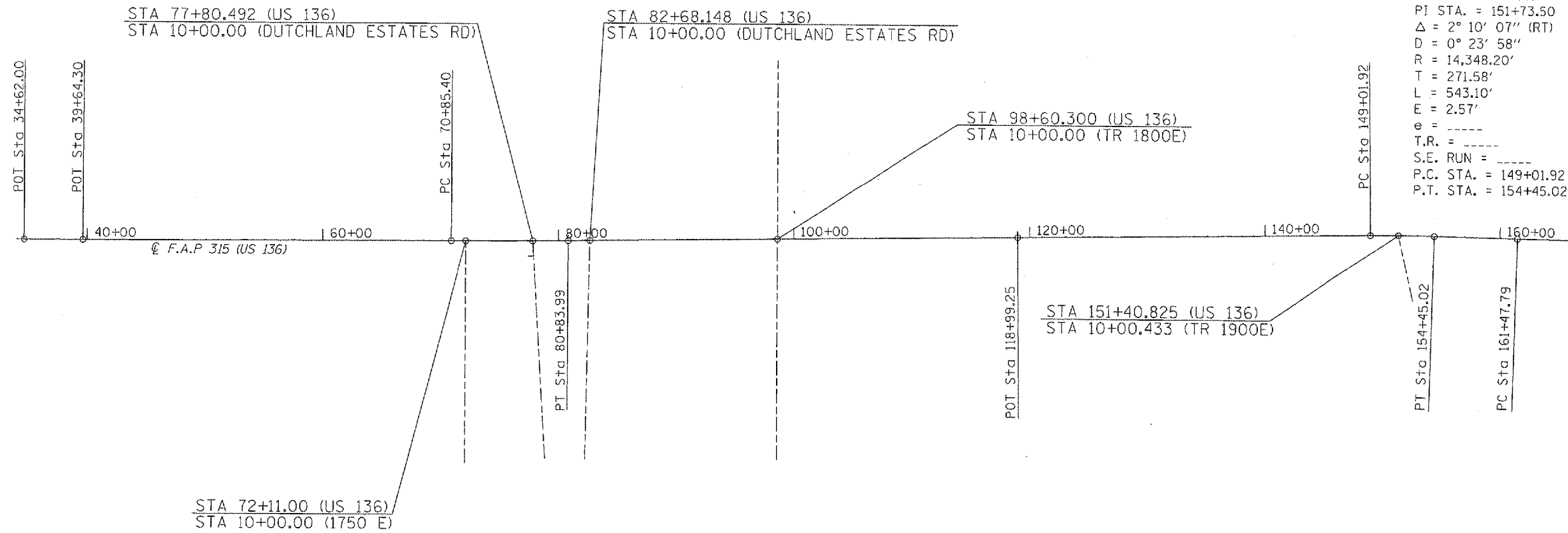
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT.      DRAWN BY JWC  
 HORIZ.              CHECKED BY RSC  
 DATE: MARCH 4, 2007

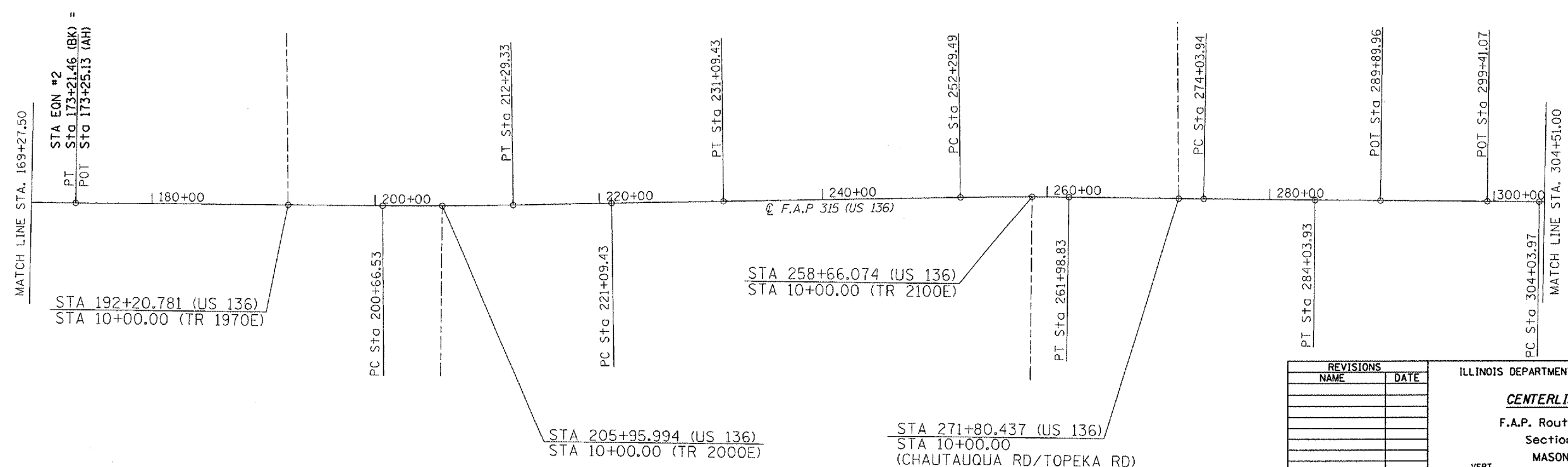
CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	1,2IRS-4	MASON	44	18
STA. 34+62.00		TO STA. 304+51.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



EXIST. CURVE 151  
 PI STA. = 151+73.50  
 $\Delta = 2^\circ 10' 07''$  (RT)  
 $D = 0^\circ 23' 58''$   
 $R = 14,348.20'$   
 $T = 271.58'$   
 $L = 543.10'$   
 $E = 2.57'$   
 $e = \text{-----}$   
 T.R. =  $\text{-----}$   
 S.E. RUN =  $\text{-----}$   
 P.C. STA. = 149+01.92  
 P.T. STA. = 154+45.02

EXIST. CURVE 167  
 PI STA. = 167+34.65  
 $\Delta = 1^\circ 27' 00''$  (LT)  
 $D = 0^\circ 07' 25''$   
 $R = 46,379.54'$   
 $T = 586.87'$   
 $L = 1,173.67'$   
 $E = 3.71'$   
 $e = \text{-----}$   
 T.R. =  $\text{-----}$   
 S.E. RUN =  $\text{-----}$   
 P.C. STA. = 161+47.79  
 P.T. STA. = 173+21.46



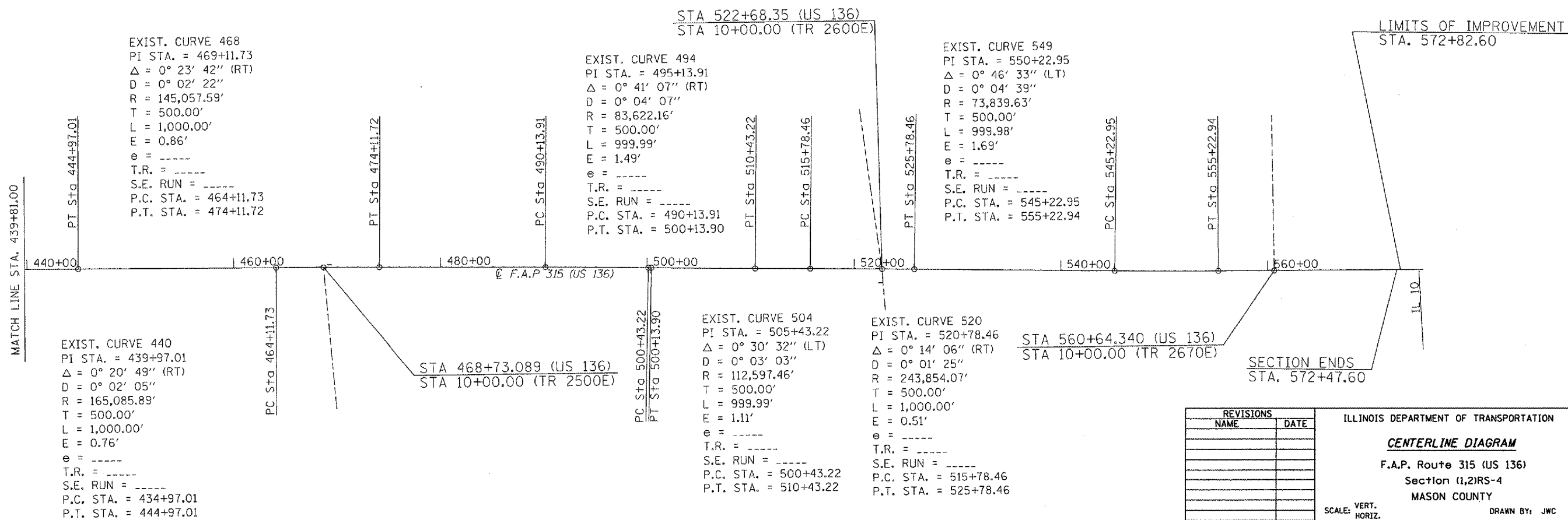
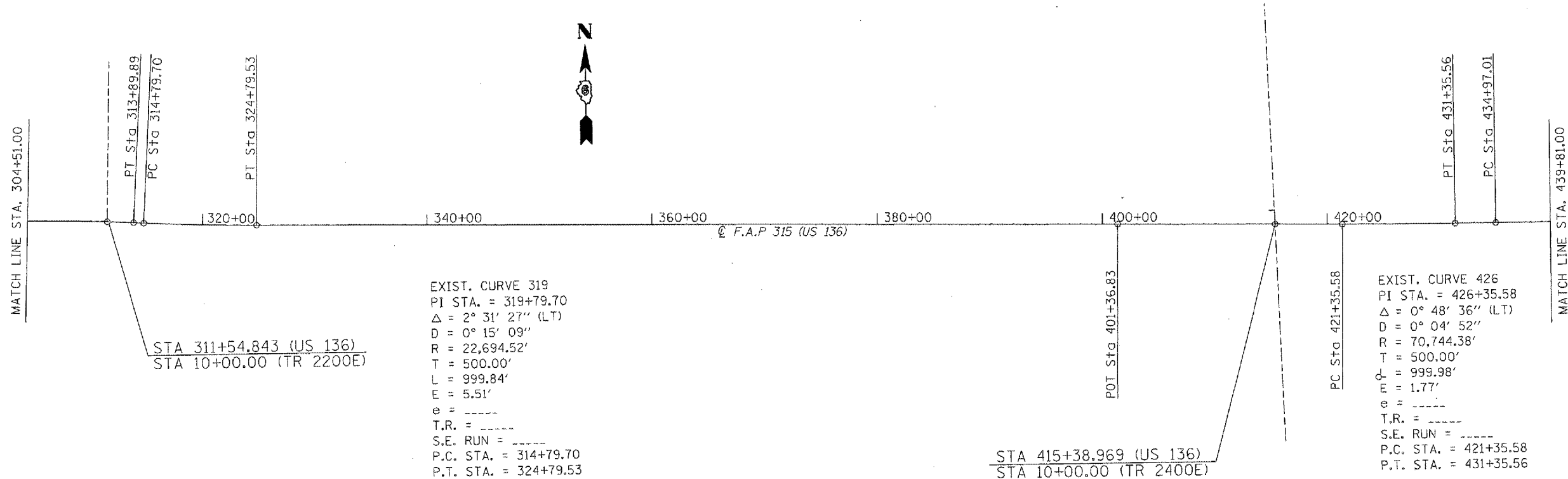
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CENTERLINE DIAGRAM**  
 F.A.P. Route 315 (US 136)  
 Section 1,2IRS-4  
 MASON COUNTY  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: FEBRUARY 27, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 100'  
 USER NAME = csh

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	19
STA. 304+51.00		TO STA. 572+82.60		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLT DATE = 3/22/2007  
 PLT SCALE = 1/8"=33' / IN.  
 USER NAME = con.jm

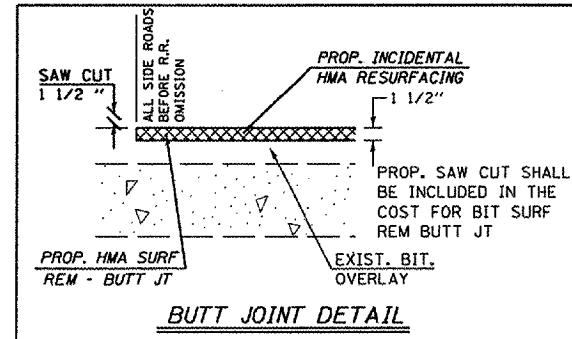
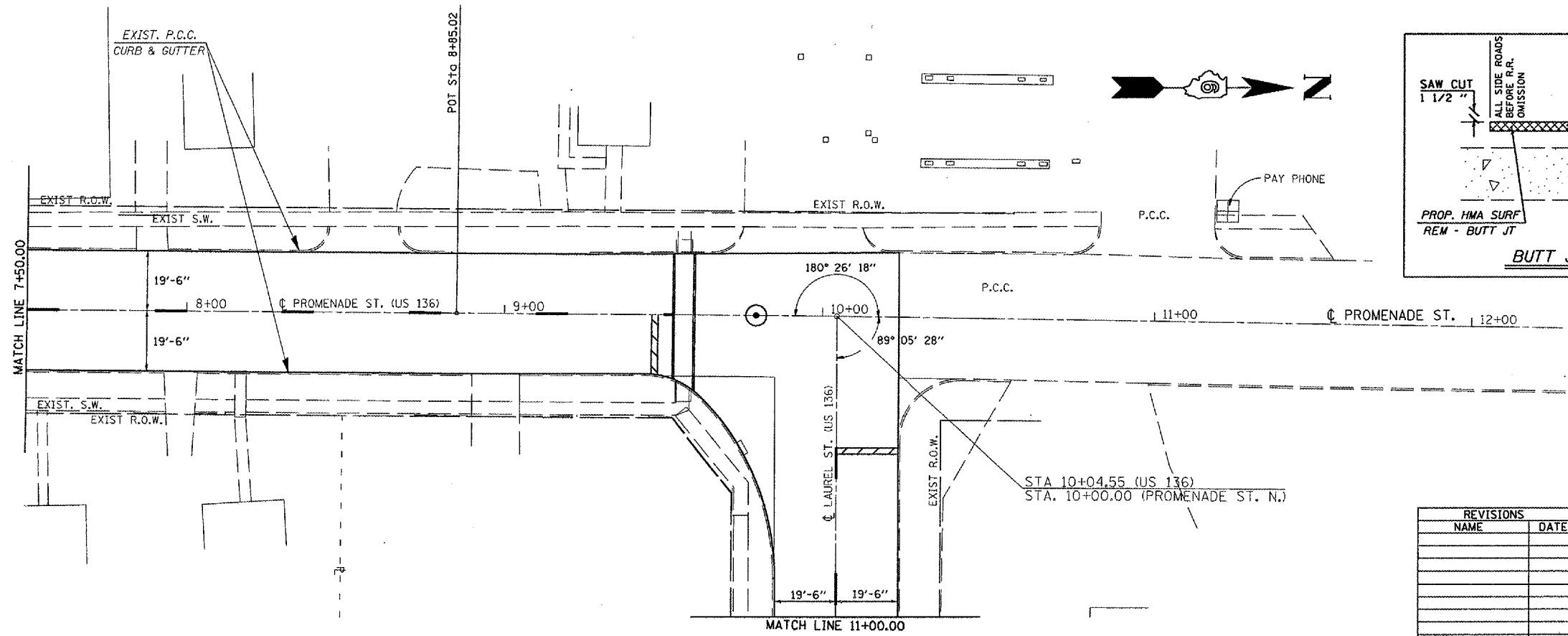
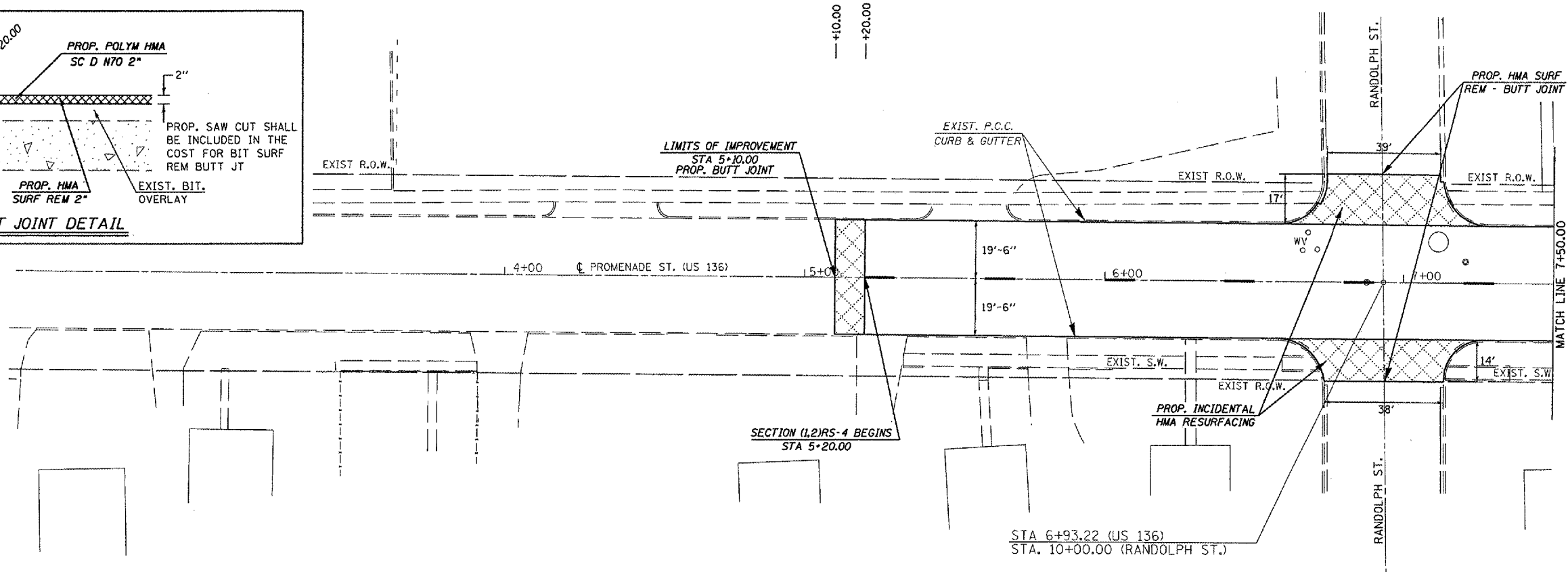
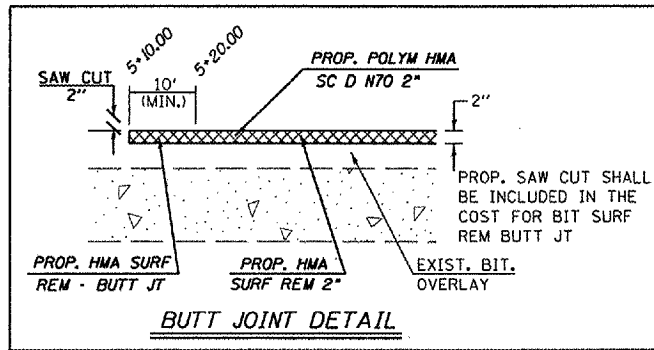


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CENTERLINE DIAGRAM**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 VERT. SCALE: HORIZ. SCALE: HORIZ. DATE: FEBRUARY 27, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	20
STA. 5+10.00		TO STA. 11+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE = 3/22/2007  
 FILE NAME = I:\AS\4653003\shiplan.dgn  
 PLOT SCALE = 43.3785" / IN.  
 USER NAME = cny

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

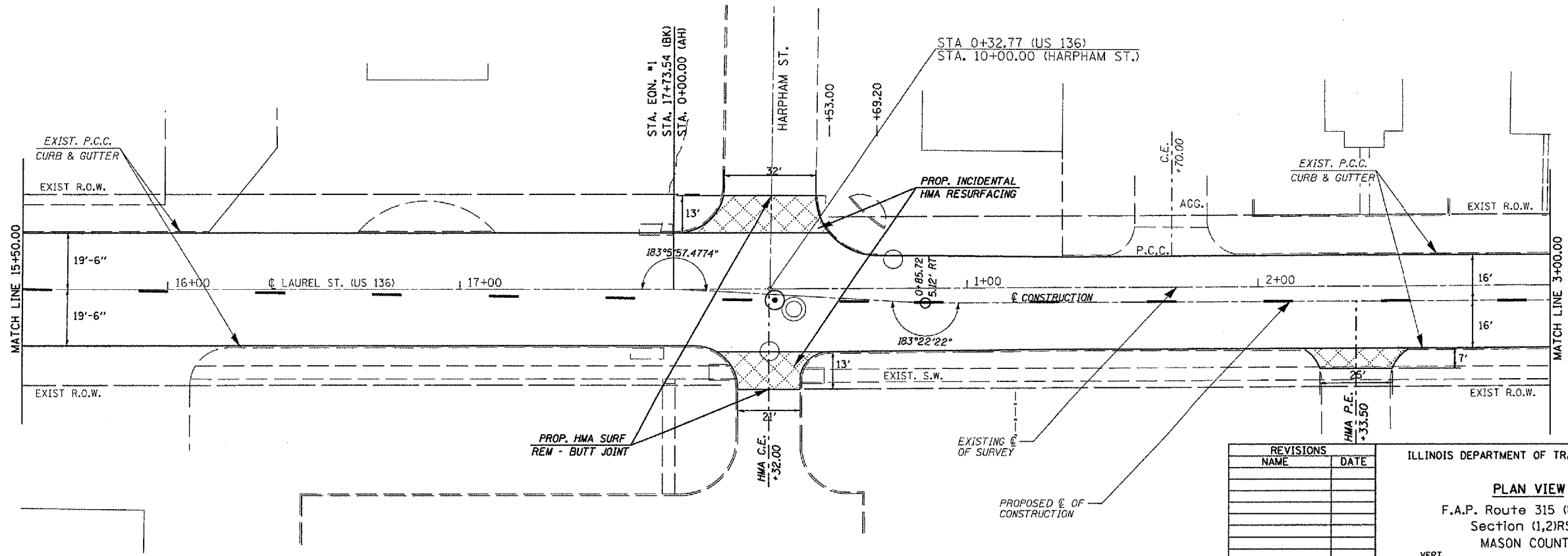
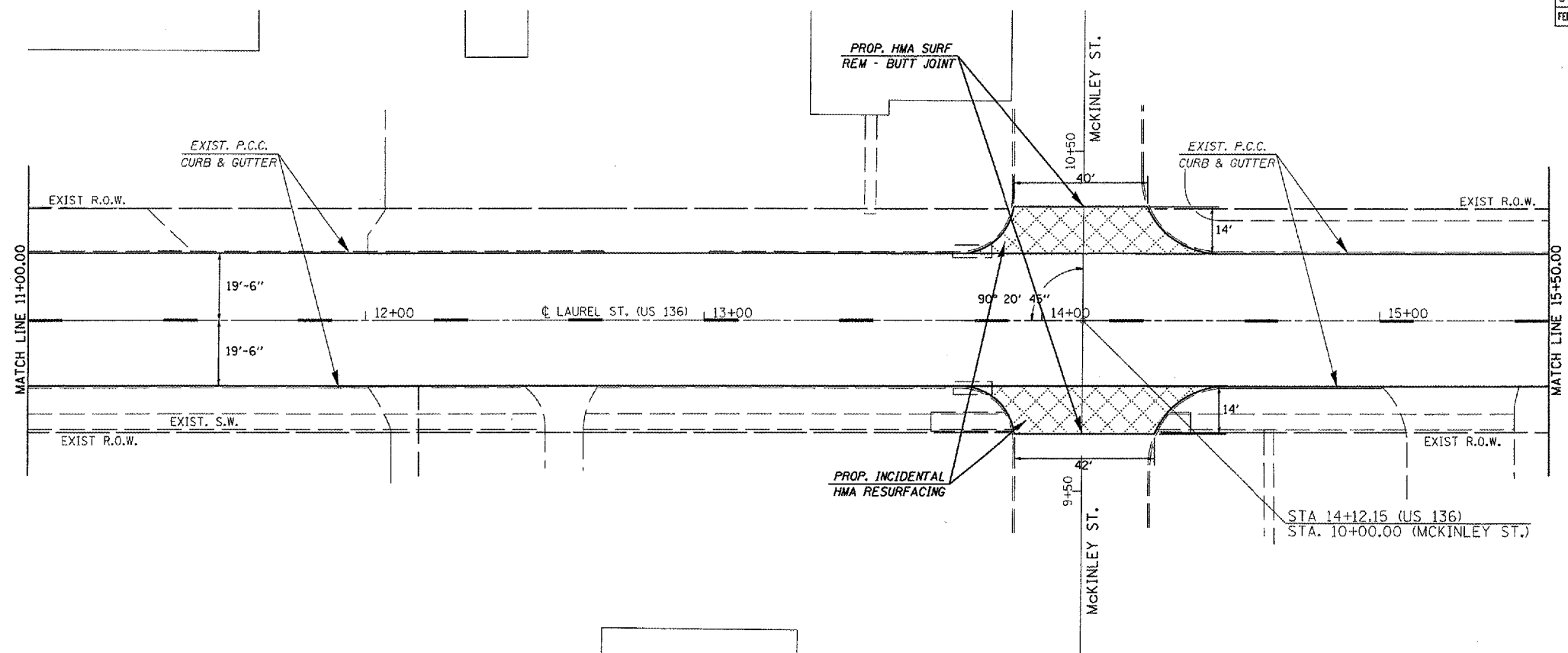
**PLAN VIEW**

F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT.    DRAWN BY: JWC  
 HORIZ.        CHECKED BY: RSC  
 DATE: MARCH 19, 2007

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	21
STA. 11+00.00		TO STA. 3+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



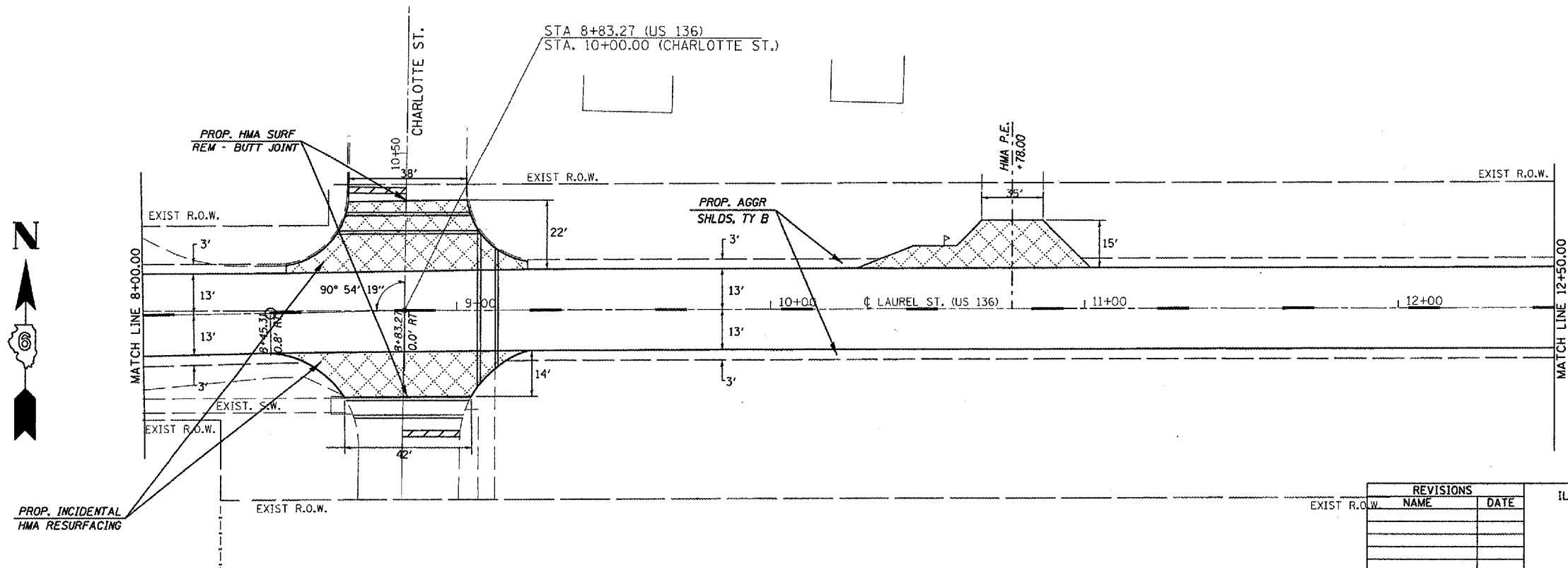
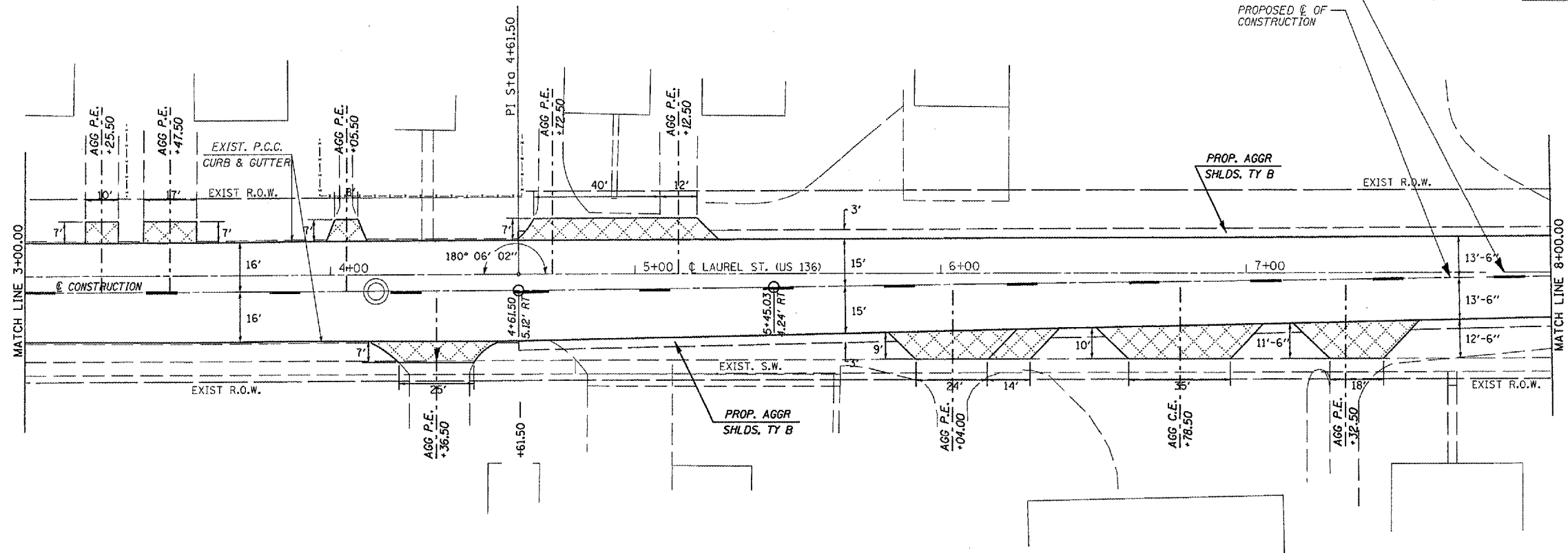
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN VIEW**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: MARCH 19, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

PLT DATE = 2/22/2007  
 FILE NAME = c:\projects\72798\shiplan.dgn  
 USER NAME = cawjr

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	22
STA. 3+00.00		TO STA. 12+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PLOT DATE = 3/22/2007  
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 USER NAME = eng

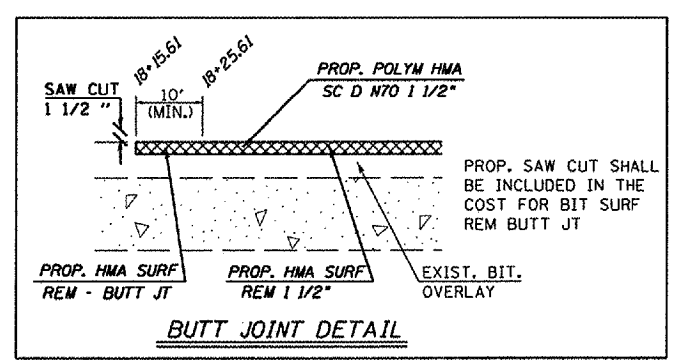
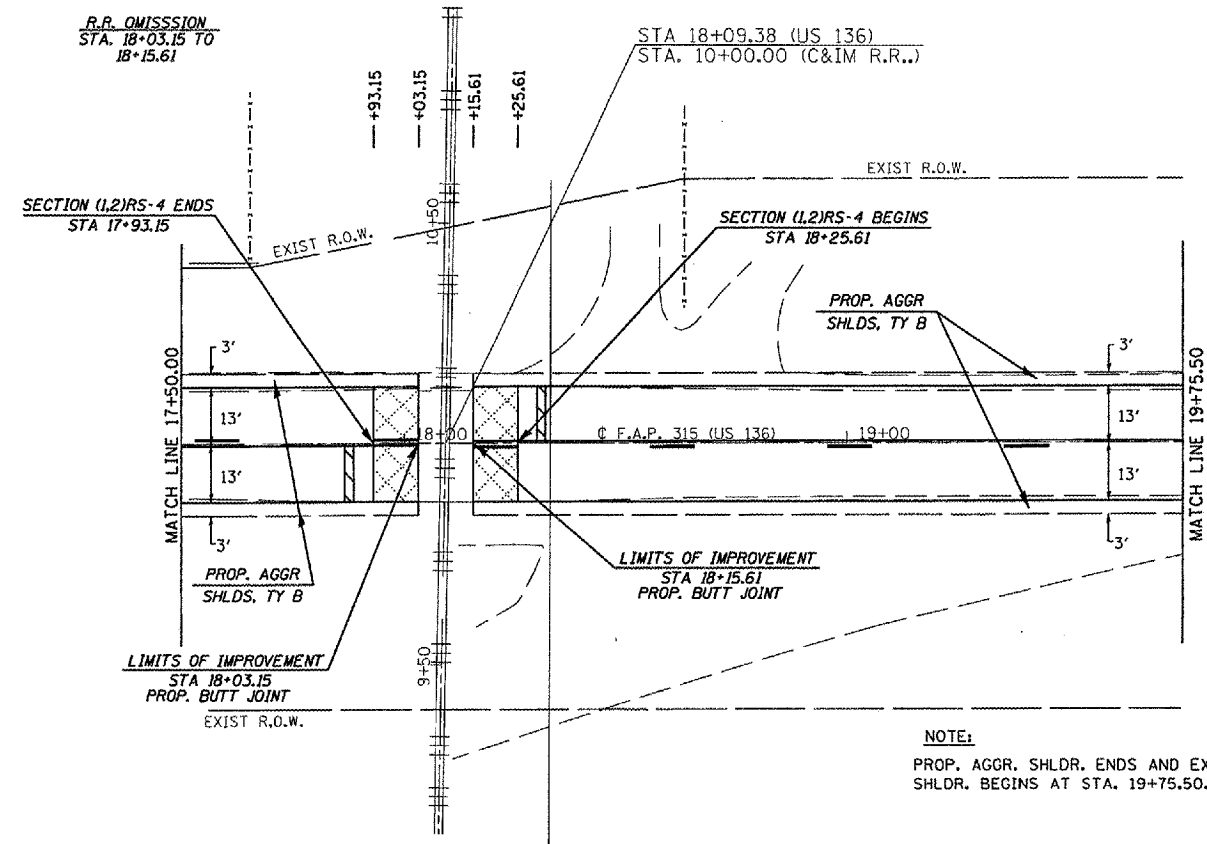
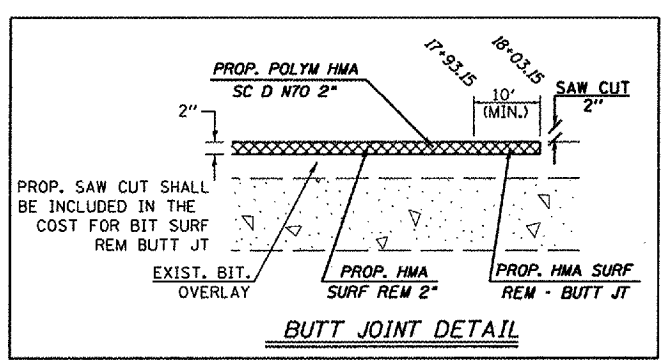
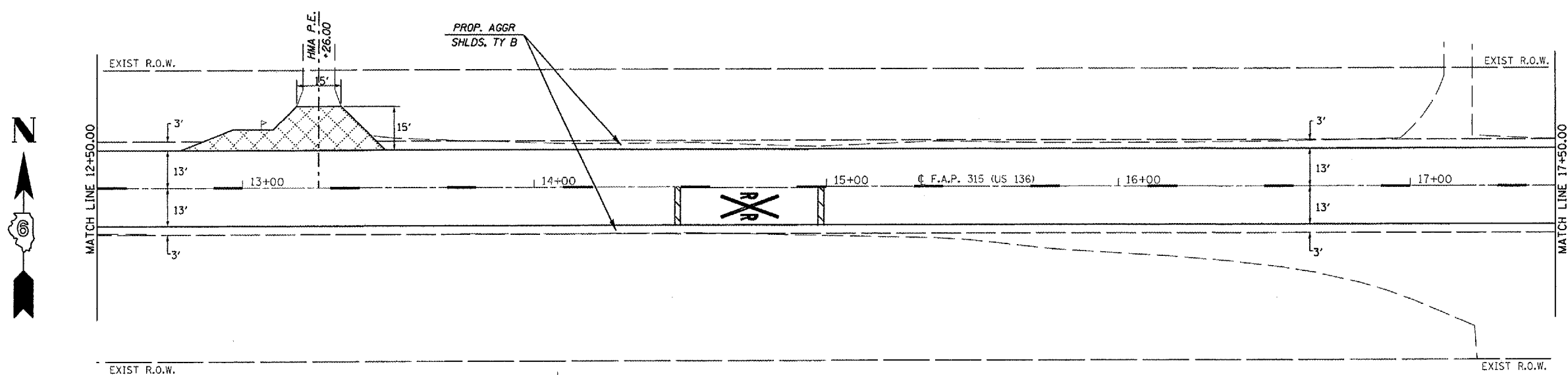
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN VIEW**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 SCALE: VERT.      DRAWN BY: JWC  
 HORIZ.            CHECKED BY: RSC  
 DATE: MARCH 19, 2007



CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	23
STA. 12+50.00		TO STA. 19+75.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**NOTE:**  
 PROP. AGGR. SHLDR. ENDS AND EXIST. BIT. SHLDR. BEGINS AT STA. 19+75.50.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN VIEW**

F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

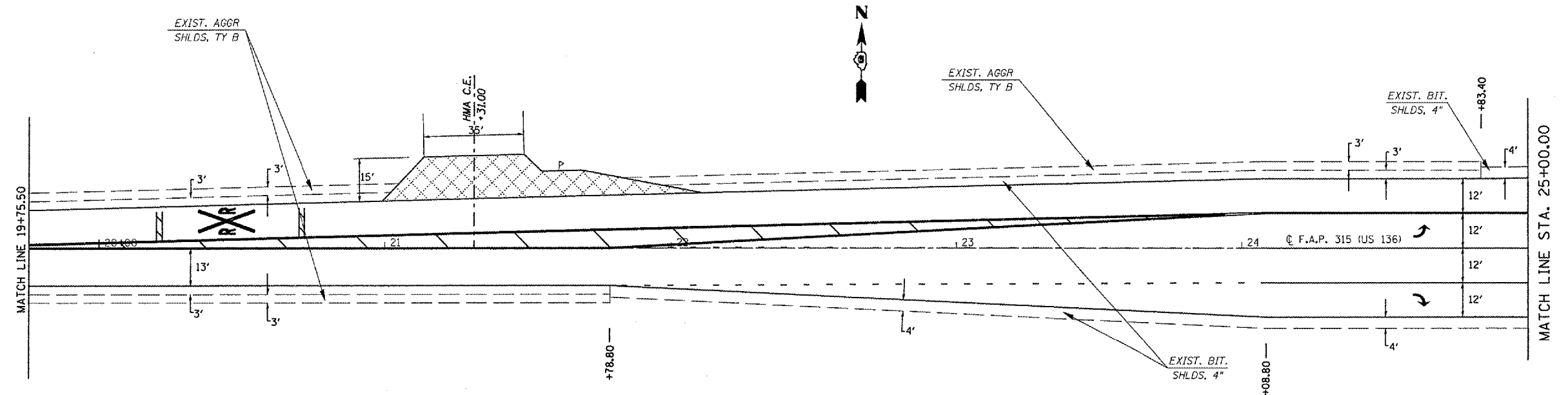
SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: MARCH 19, 2007

DRAWN BY: JWC  
 CHECKED BY: RSC

PLOT DATE = 3/22/2007  
 PLOT SCALE = 40' = 1" / 31.5'  
 USER NAME = cdk

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	24
STA. 19+75.50		TO STA. 25+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE = 3/22/2007  
 PLOT SCALE = 43.3725" / IN.  
 USER NAME = cskj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

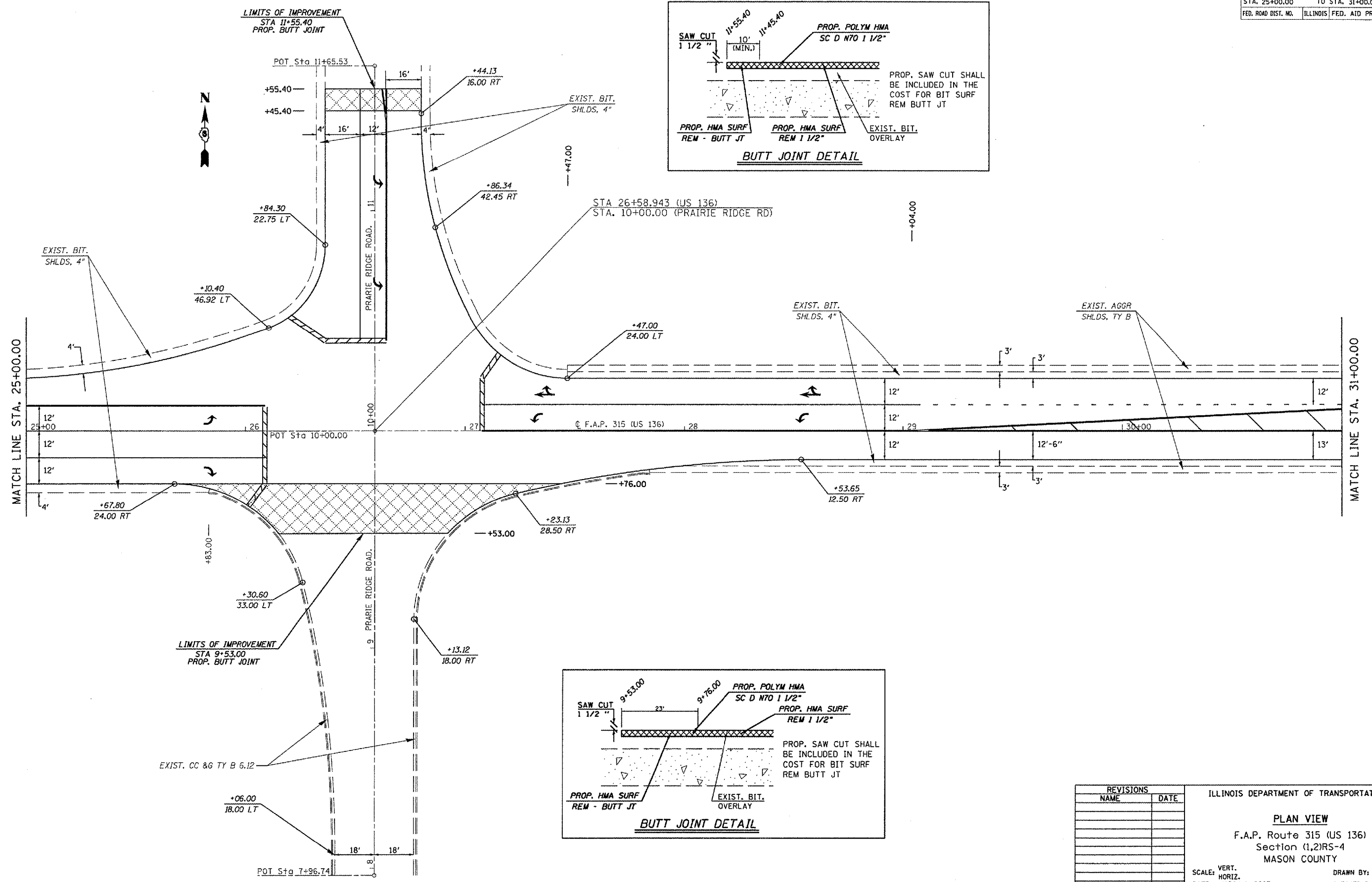
**PLAN VIEW**

F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT.      DRAWN BY: JWC  
 HORIZ.            CHECKED BY: RSC  
 DATE: MARCH 1, 2007

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	25
STA. 25+00.00		TO STA. 31+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE = 3/22/2007  
 PLOT SCALE = 41.3725' / IN.  
 USER NAME = csnjk

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN VIEW**

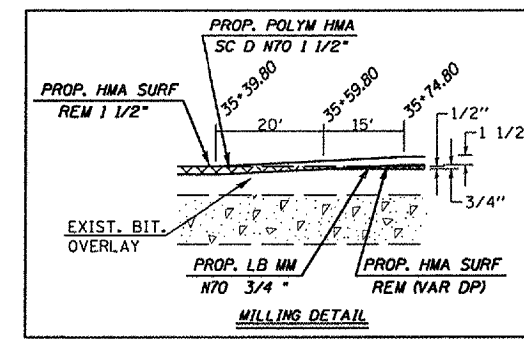
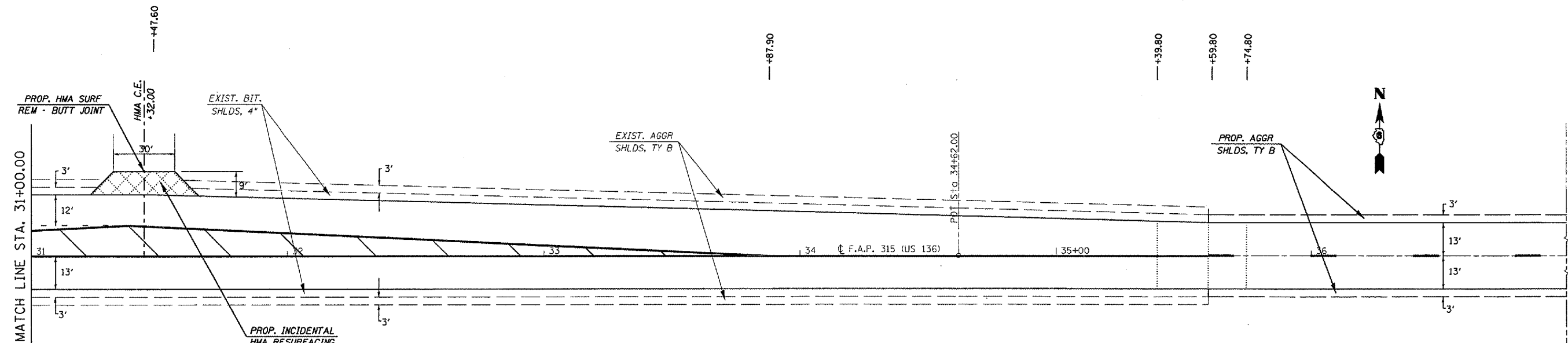
F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT. HORIZ.  
 DATE: MARCH 1, 2007

DRAWN BY: JWC  
 CHECKED BY: RSC

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	26
STA. 31+00.00		TO STA. 37+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN VIEW**

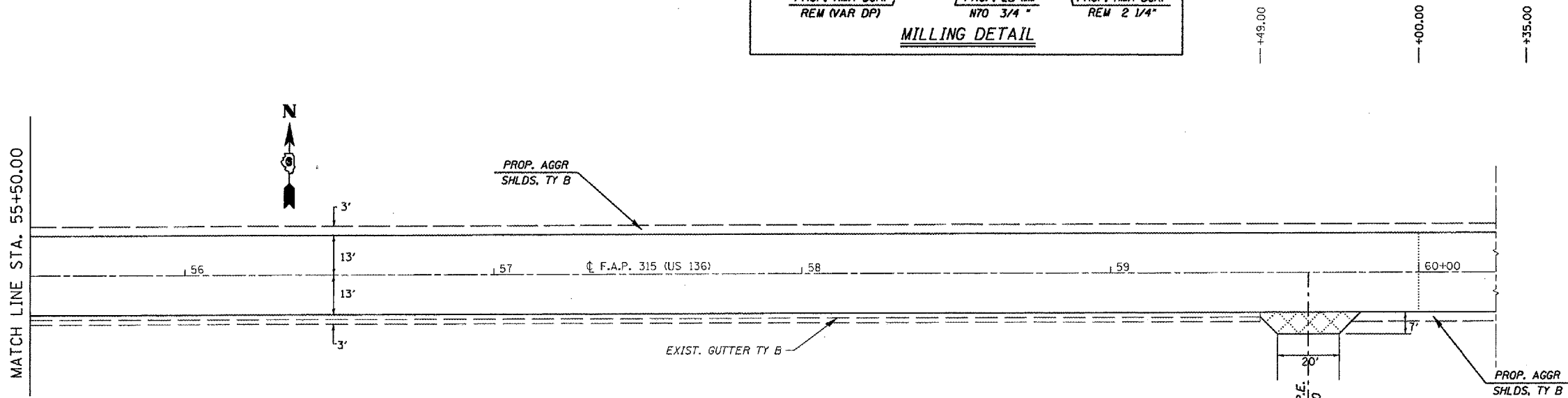
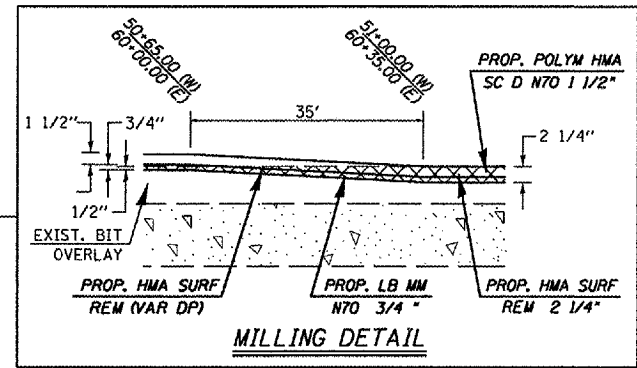
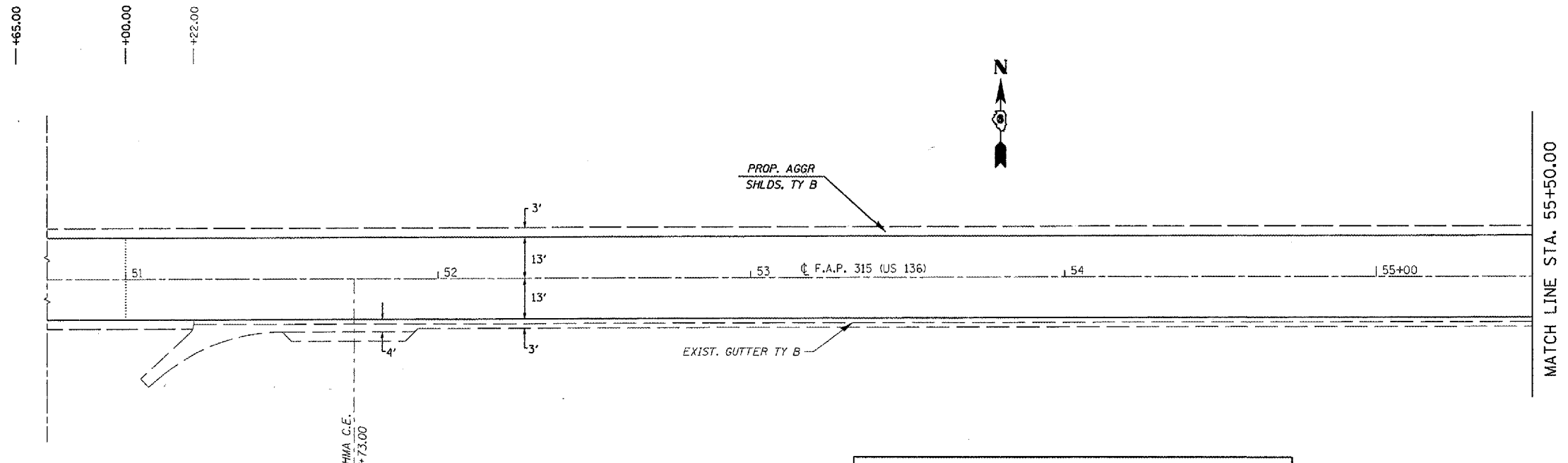
F.A.P. Route 315 (US 136)  
Section (1,2)RS-4  
MASON COUNTY

SCALE: VERT.      DRAWN BY: JWC  
HORIZ.              CHECKED BY: RSC  
DATE: MARCH 1, 2007

PLOT DATE = 3/22/2007  
PLOT SCALE = 1" = 40'  
USER NAME = cax

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	27
STA. 51+00.00		TO STA. 60+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



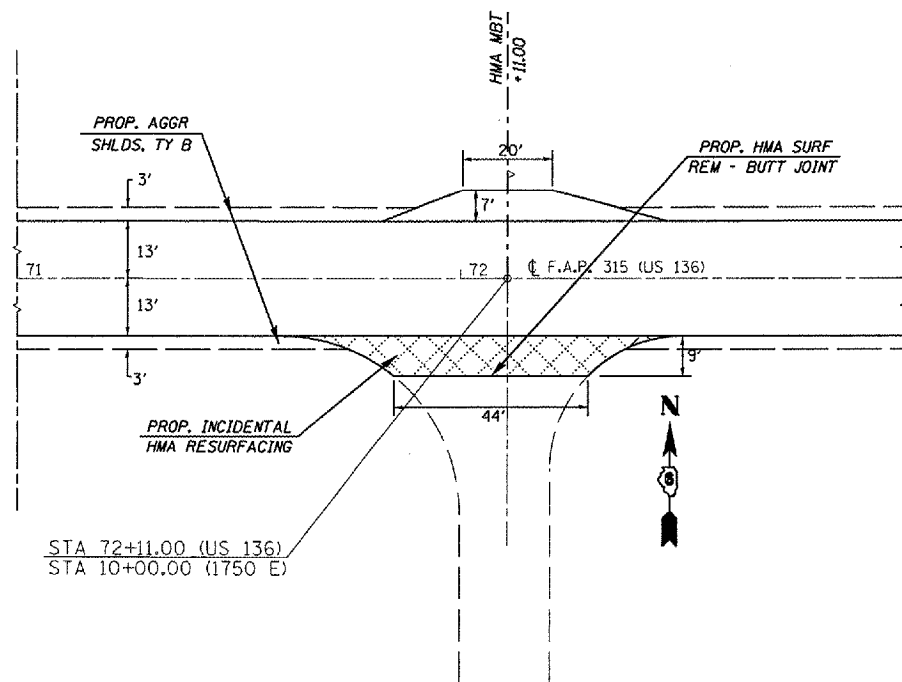
PLOT DATE = 3/22/2007  
 PLOT SCALE = 1" = 40'  
 USER NAME = caryj

REVISIONS	
NAME	DATE

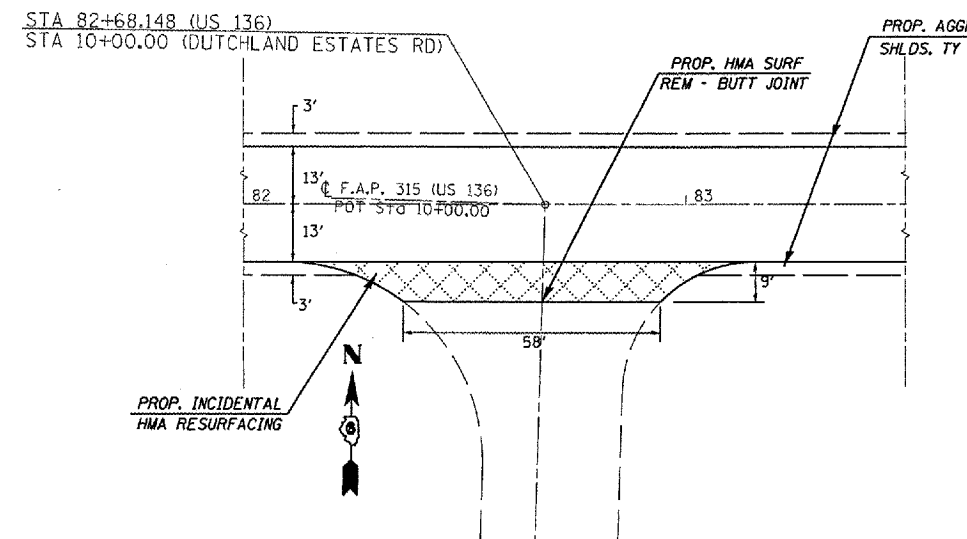
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN VIEW**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 VERT. SCALE: 1" = 40'  
 HORIZ. SCALE: 1" = 40'  
 DATE: MARCH 1, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	28
STA. 71+00.00		TO STA. 99+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

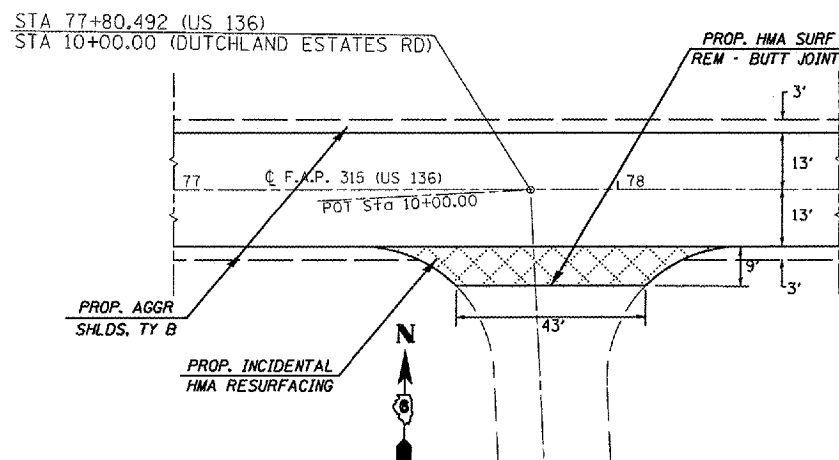
(TR 1750E)



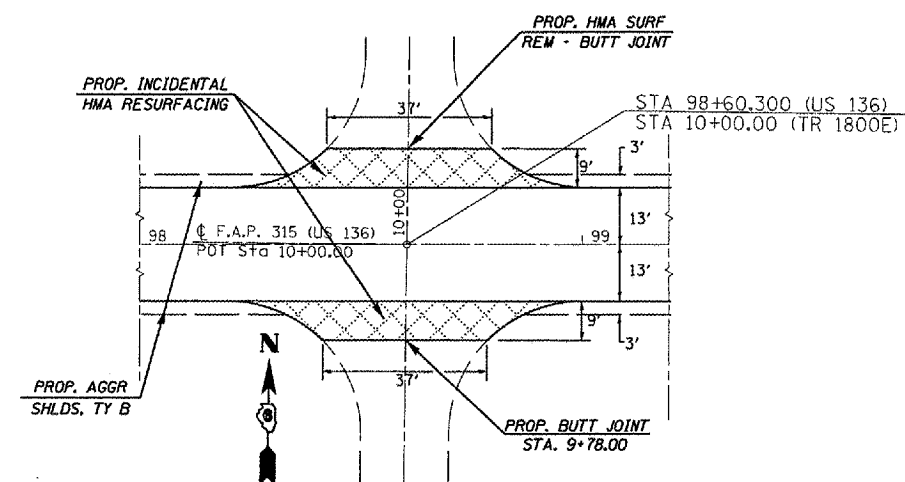
(DUTCHLAND ESTATES RD.)



(DUTCHLAND ESTATES RD.)



(TR 1800E)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW  
F.A.P. Route 315 (US 136)  
Section (1,2)RS-4  
MASON COUNTY

SCALE: VERT.  
HORIZ.  
DATE: MARCH 1, 2007

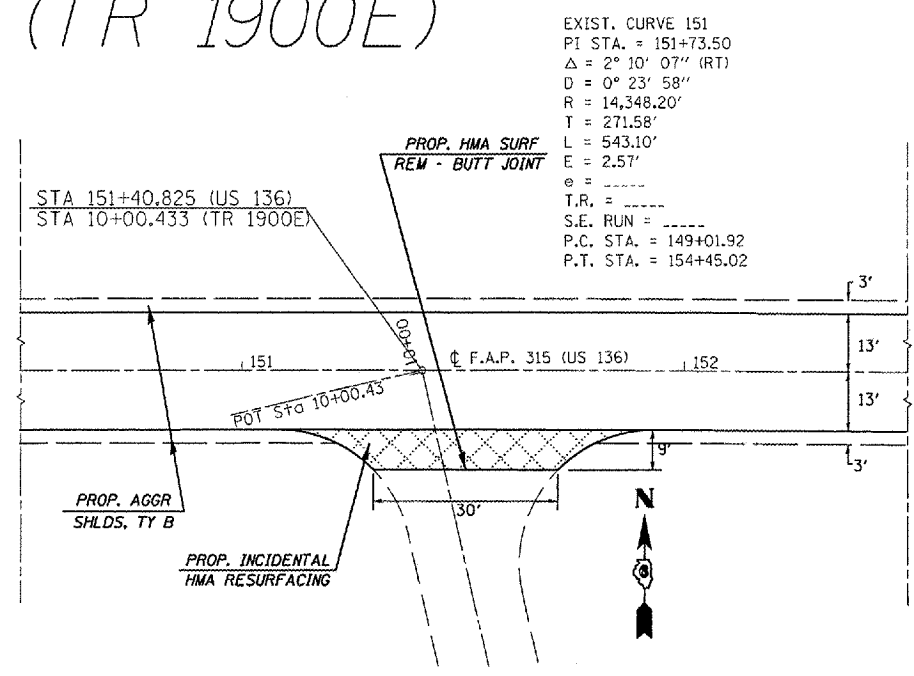
DRAWN BY: JWC  
CHECKED BY: RSC

PLOT DATE = 3/22/2007  
PLOT SCALE = 1/8" = 10'-0"  
USER NAME = cawjw

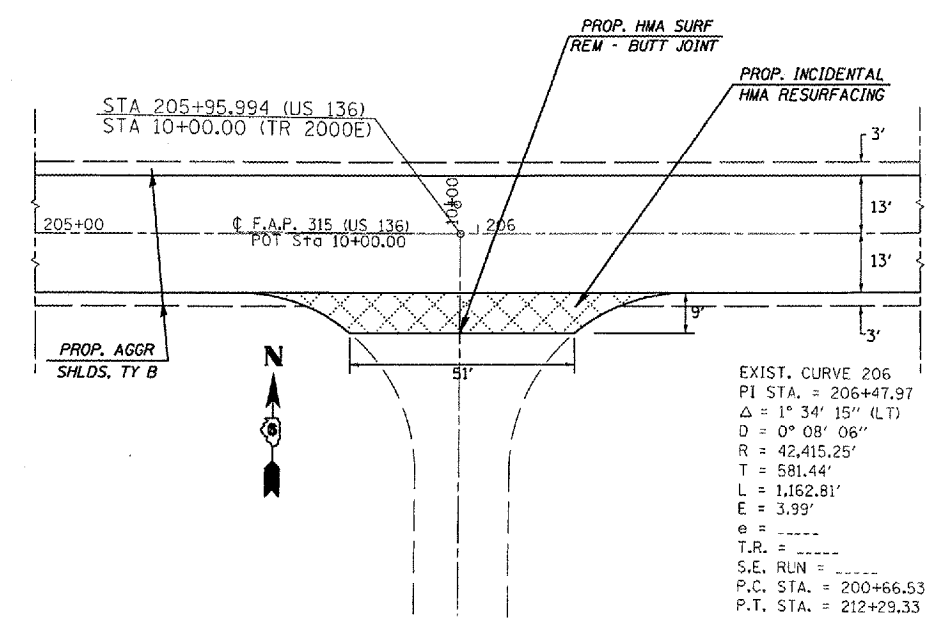
CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	29
STA. 150+00.00		TO STA. 260+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

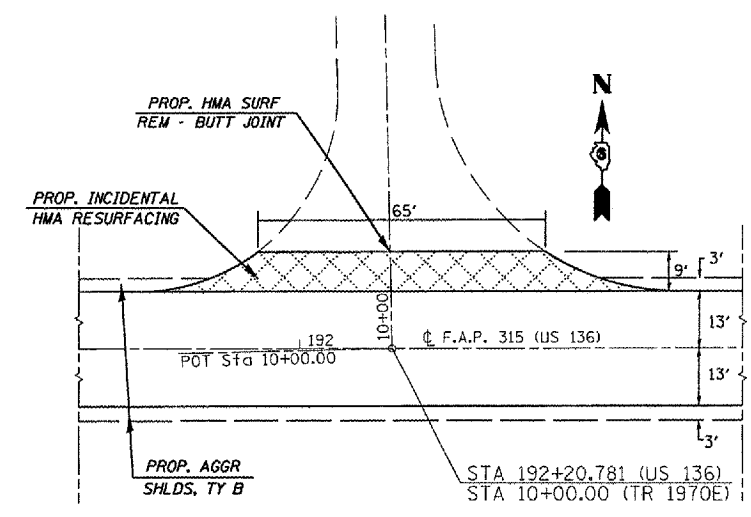
(TR 1900E)



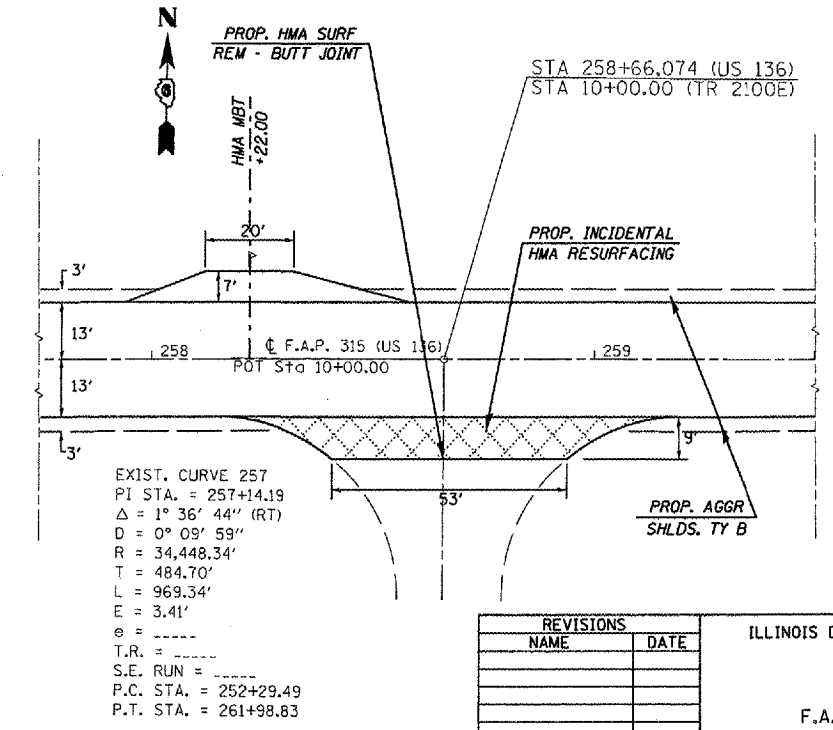
(TR 2000E)



(TR 1970E)



(TR 2100E)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN VIEW**

F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT. HORIZ.  
 DATE: MARCH 1, 2007

DRAWN BY: JWC  
 CHECKED BY: RSC

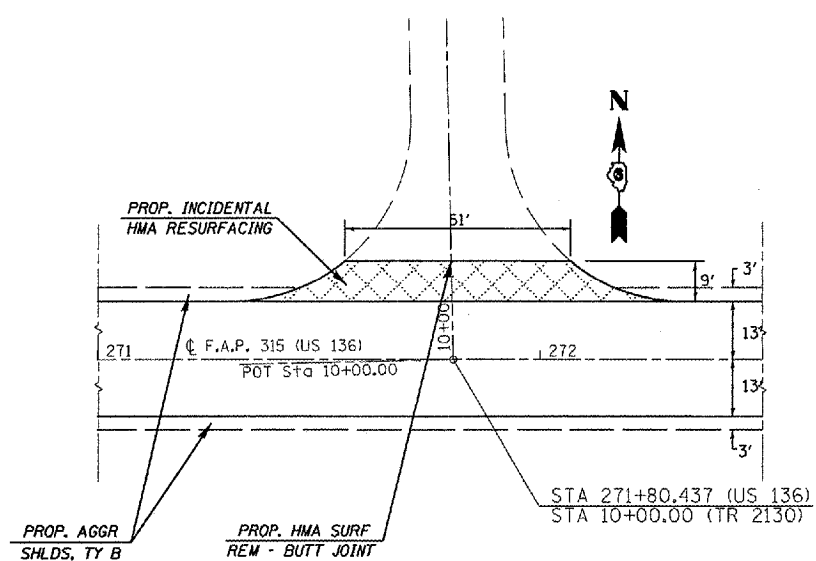
PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 1' IN.  
 USER NAME = c001



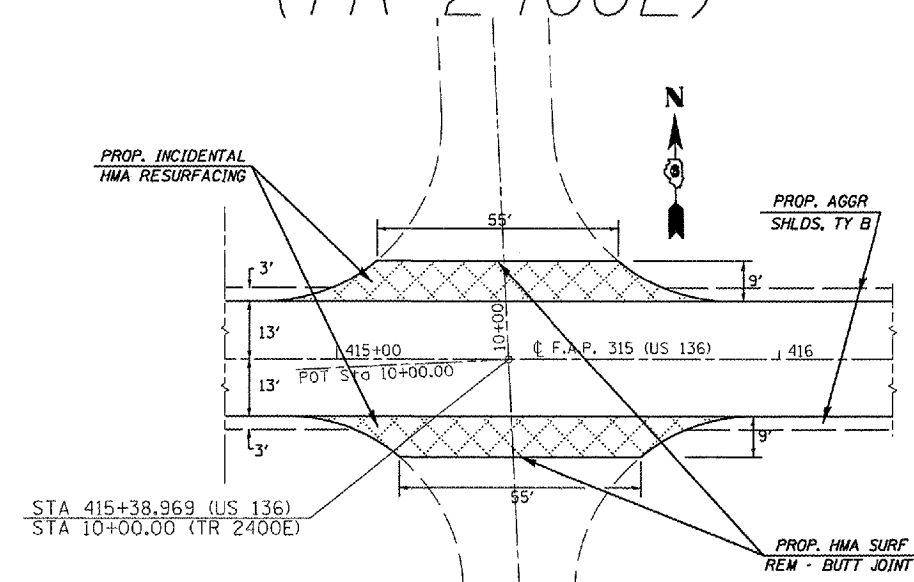
CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	30
STA. 271+00.00		TO STA. 470+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

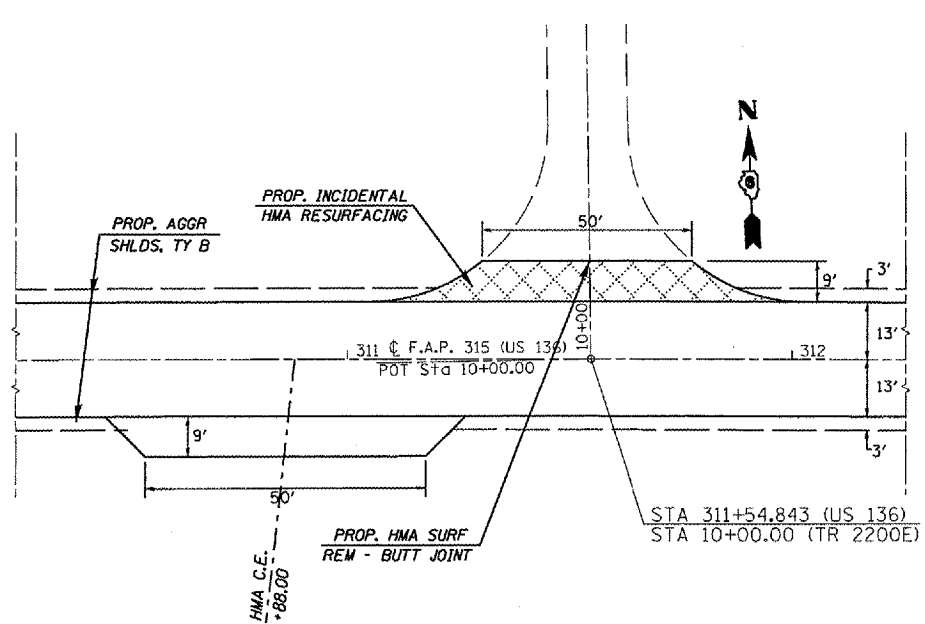
(TR 2130E)



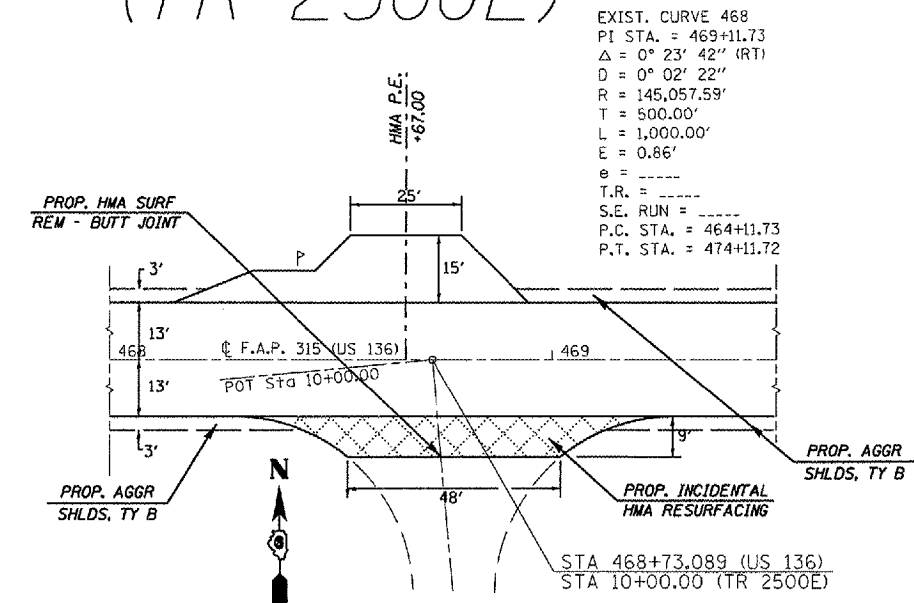
(TR 2400E)



(TR 2200E)



(TR 2500E)



EXIST. CURVE 468  
 PI STA. = 469+11.73  
 $\Delta = 0^\circ 23' 42''$  (RT)  
 $D = 0^\circ 02' 22''$   
 $R = 145,057.59'$   
 $T = 500.00'$   
 $L = 1,000.00'$   
 $E = 0.86'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 P.C. STA. = 464+11.73  
 P.T. STA. = 474+11.72

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN VIEW**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: MARCH 1, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

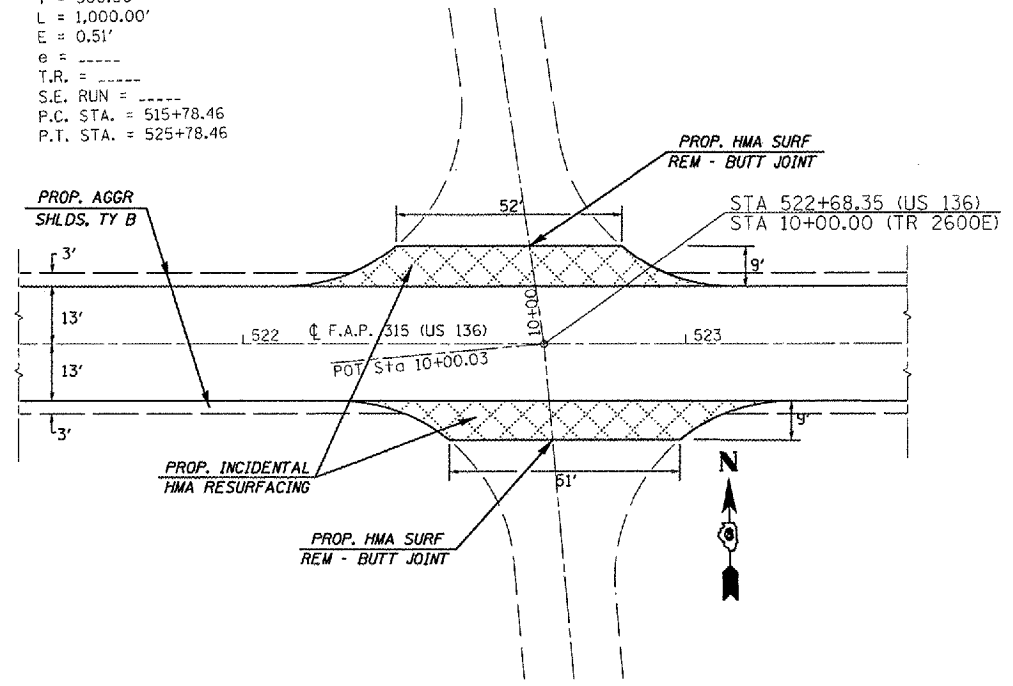
PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 1' IN.  
 USER NAME = csnj

CONTRACT NO. 72798

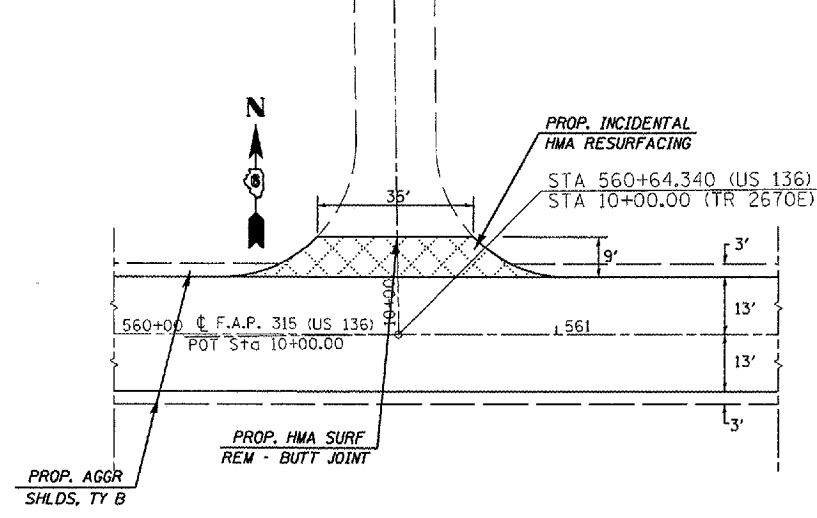
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	31
STA. 521+00.00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXIST. CURVE 520  
 PI STA. = 520+78.46  
 $\Delta = 0^\circ 14' 06''$  (RT)  
 $D = 0^\circ 01' 25''$   
 $R = 243,854.07'$   
 $T = 500.00'$   
 $L = 1,000.00'$   
 $E = 0.51'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 515+78.46$   
 $P.T. \text{ STA.} = 525+78.46$

(TR 2600E)



(TR 2670E)



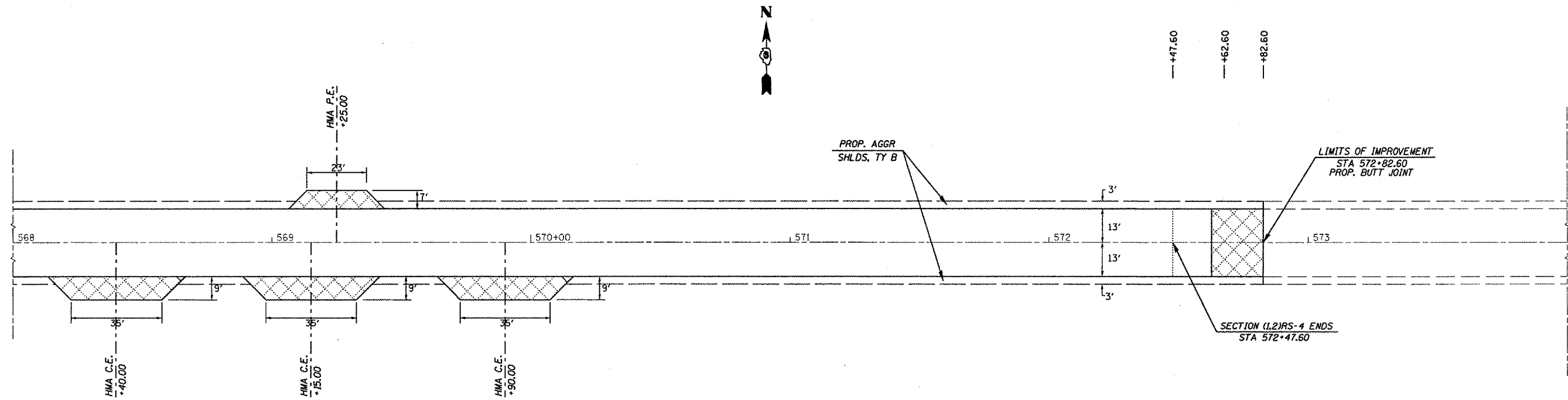
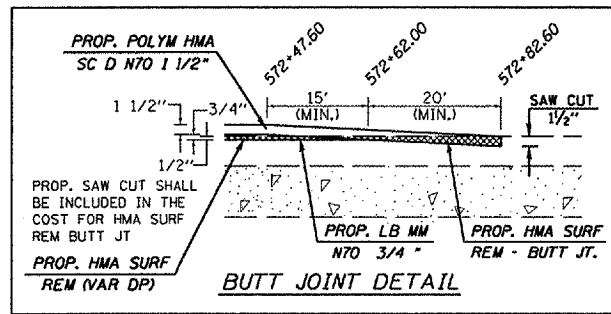
PLOT DATE = 3/22/2007  
 PLOT SCALE = 43.3735' / IN.  
 USER NAME = csh

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN VIEW**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 SCALE: VERT. HORIZ.  
 DATE: MARCH 1, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	32
STA. 568+00.00		TO STA. 573+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 3/22/2007  
 PLOT SCALE = 43.3725' / IN.  
 USER NAME = cawjw

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

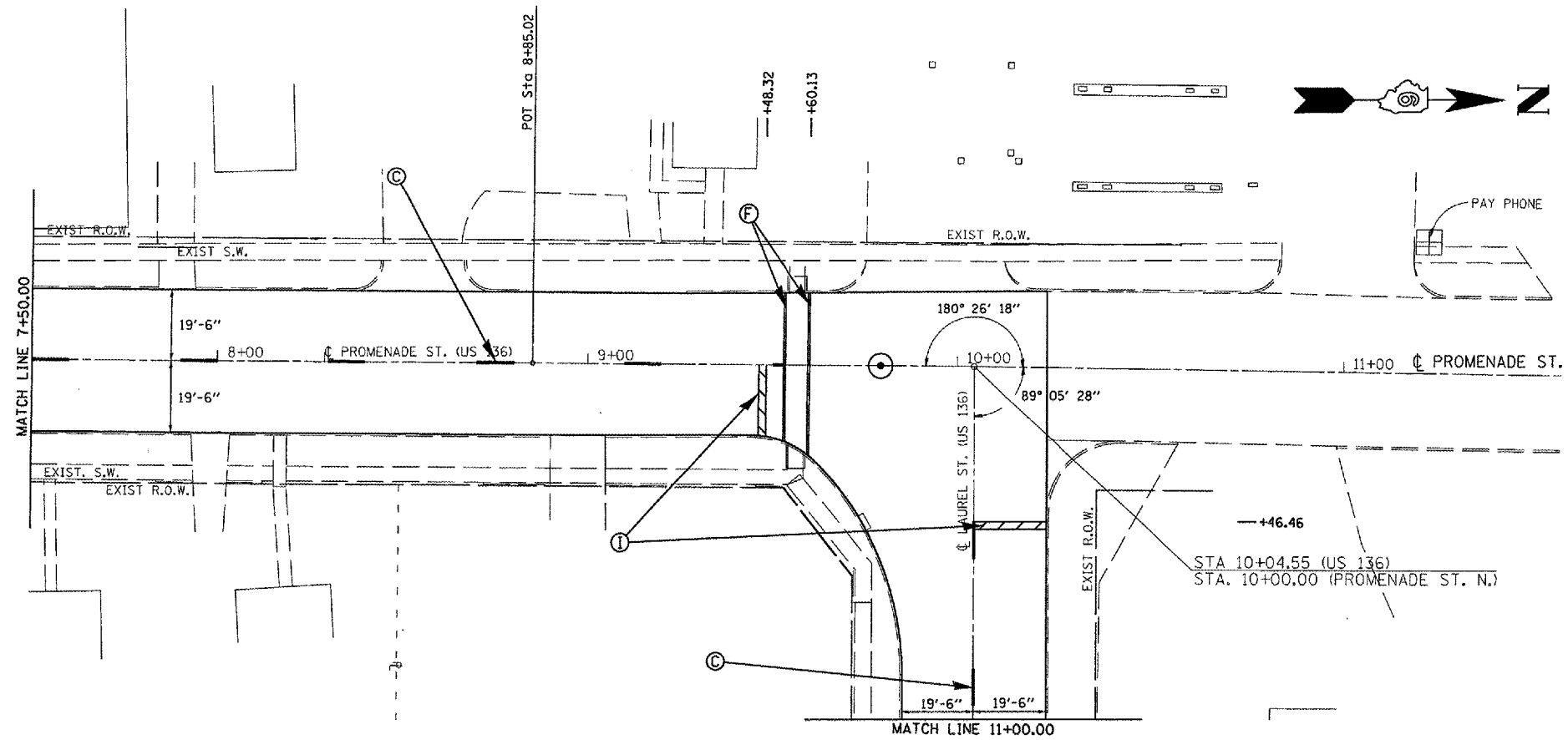
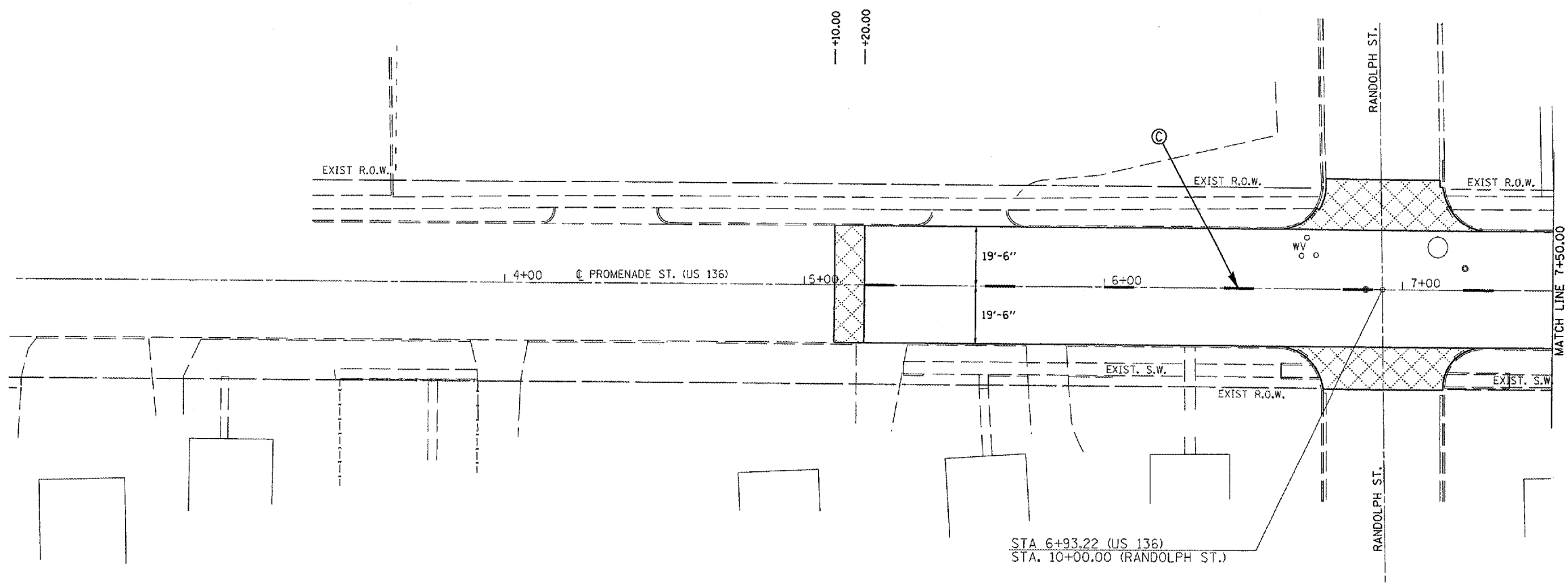
**PLAN VIEW**

F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

SCALE: VERT.      DRAWN BY: JWC  
 HORIZ.              CHECKED BY: RSC  
 DATE: MARCH 1, 2007

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	33
STA. 5+10.00		TO STA. 11+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PAVEMENT MARKING LEGEND	
<i>(THERMOPLASTIC)</i>	
(A)	PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
(B)	PAVEMENT MARKING - LINE - 5" YELLOW (SOLID)
(C)	PAVEMENT MARKING - LINE - 5" YELLOW (SKIP-DASH)
(D)	PAVEMENT MARKING - LINE - 5" DOUBLE YELLOW (SOLID)
(E)	PAVEMENT MARKING - LINE - 6" WHITE (SKIP - DASH)
(F)	PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
(G)	PAVEMENT MARKING - LINE - 12" YELLOW (SOLID)
<i>(PERFORMED PLASTIC, TYPE B)</i>	
(H)	PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
(I)	PAVEMENT MARKING - LINE - 24" WHITE (SOLID)
(J)	PAVEMENT MARKING - LETTERS & SYMBOLS WHITE (SOLID)
<i>(PAINT)</i>	
(K)	PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
(L)	PAVEMENT MARKING - LINE - 5" YELLOW (SKIP - DASH)
(E)	(2" DASH - 6' SKIP)
(L)	(4" DASH - 40' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING DETAILS**

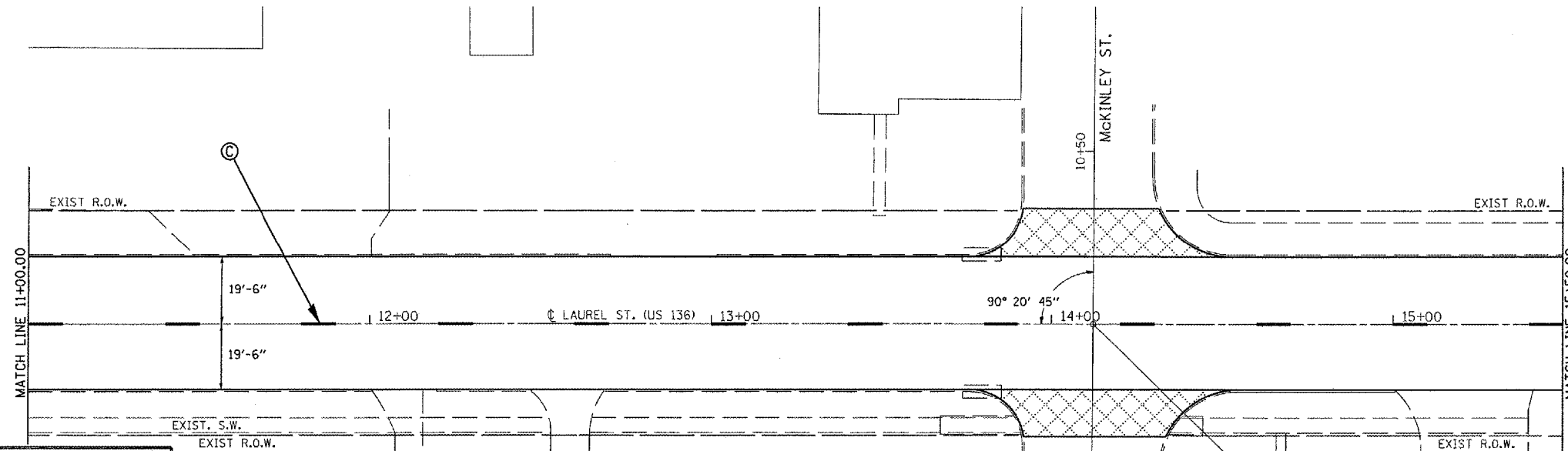
F.A.P. Route 315 (US 136)  
Section (1,2)RS-4  
MASON COUNTY

SCALE: VERT.      DRAWN BY: JWC  
          HORIZ.      CHECKED BY: RSC  
DATE: MARCH 15, 2007

PLOT DATE = 3/22/2007  
PLOT SCALE = 43.3735' / IN  
USER NAME = conjm

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	1,2RS-4	MASON	44	34
STA. 11+00.00		TO STA. 3+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PAVEMENT MARKING LEGEND**

*(THERMOPLASTIC)*

- Ⓐ PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- Ⓑ PAVEMENT MARKING - LINE - 5" YELLOW (SOLID)
- Ⓒ PAVEMENT MARKING - LINE - 5" YELLOW (SKIP-DASH)
- Ⓓ PAVEMENT MARKING - LINE - 5" DOUBLE YELLOW (SOLID)
- \* Ⓔ PAVEMENT MARKING - LINE - 6" WHITE (SKIP - DASH)
- Ⓕ PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- Ⓖ PAVEMENT MARKING - LINE - 12" YELLOW (SOLID)

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*(PREFORMED PLASTIC, TYPE B)*

- Ⓗ PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- Ⓘ PAVEMENT MARKING - LINE - 24" WHITE (SOLID)
- Ⓝ PAVEMENT MARKING - LETTERS & SYMBOLS WHITE (SOLID)

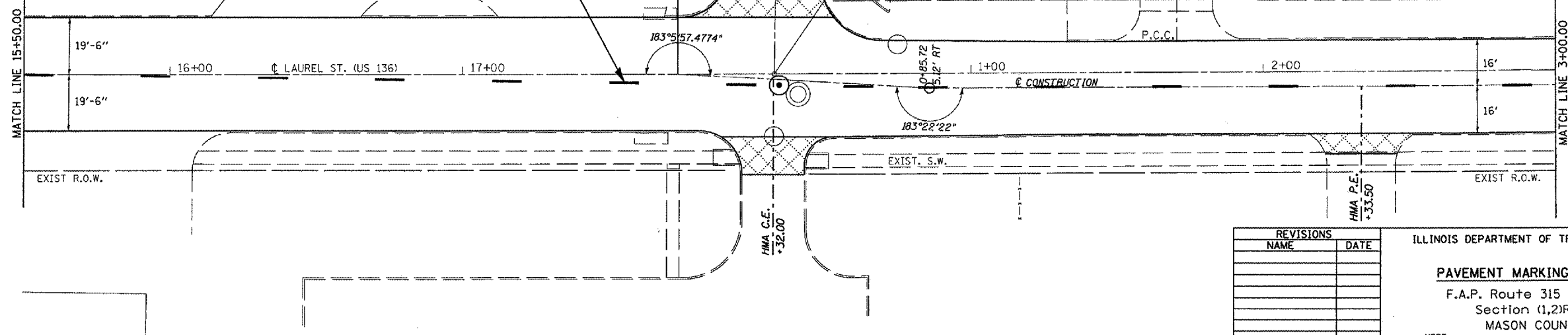
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*(PAINT)*

- Ⓚ PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- \* Ⓛ PAVEMENT MARKING - LINE - 5" YELLOW (SKIP - DASH)

- \* Ⓜ (2' DASH - 6' SKIP)
- \* Ⓨ (4' DASH - 40' SKIP)

REVISIONS



PLOT DATE = 3/22/2007  
 PLOT SCALE = 4:1  
 USER NAME = jnc

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING DETAILS**

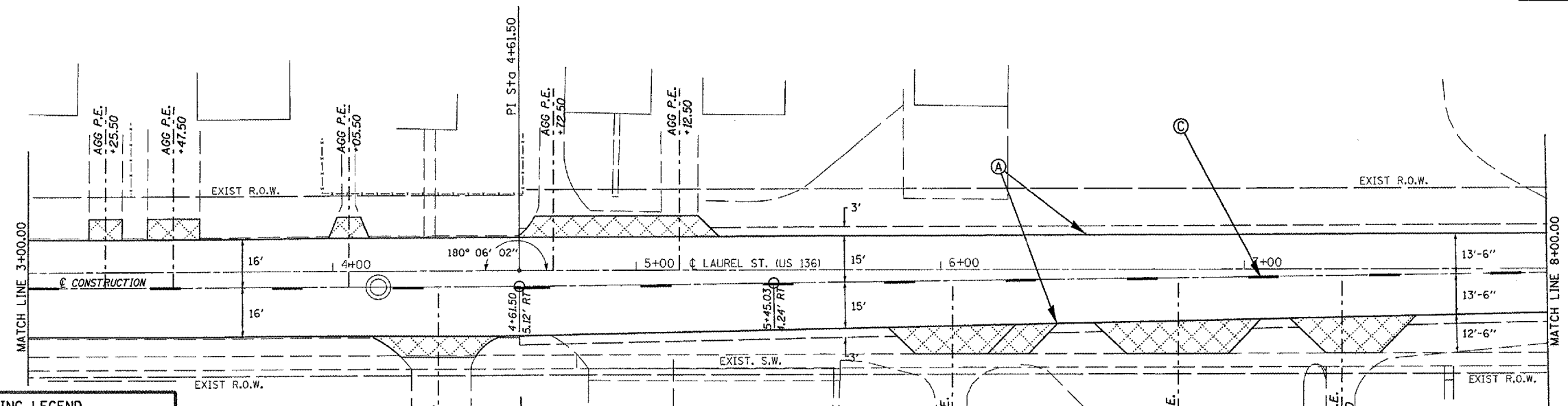
F.A.P. Route 315 (US 136)  
 Section 1,2RS-4  
 MASON COUNTY

SCALE: VERT. DATE: MARCH 15, 2007  
 HORIZ. DATE: MARCH 15, 2007

DRAWN BY: JWC  
 CHECKED BY: RSC

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	1,2RS-4	MASON	44	35
STA. 3+00.00		TO STA. 12+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PAVEMENT MARKING LEGEND**

*(THERMOPLASTIC)*

- (A) PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- (B) PAVEMENT MARKING - LINE - 5" YELLOW (SOLID)
- (C) PAVEMENT MARKING - LINE - 5" YELLOW (SKIP-DASH)
- (D) PAVEMENT MARKING - LINE - 5" DOUBLE YELLOW (SOLID)
- \* (E) PAVEMENT MARKING - LINE - 6" WHITE (SKIP - DASH)
- (F) PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- (G) PAVEMENT MARKING - LINE - 12" YELLOW (SOLID)

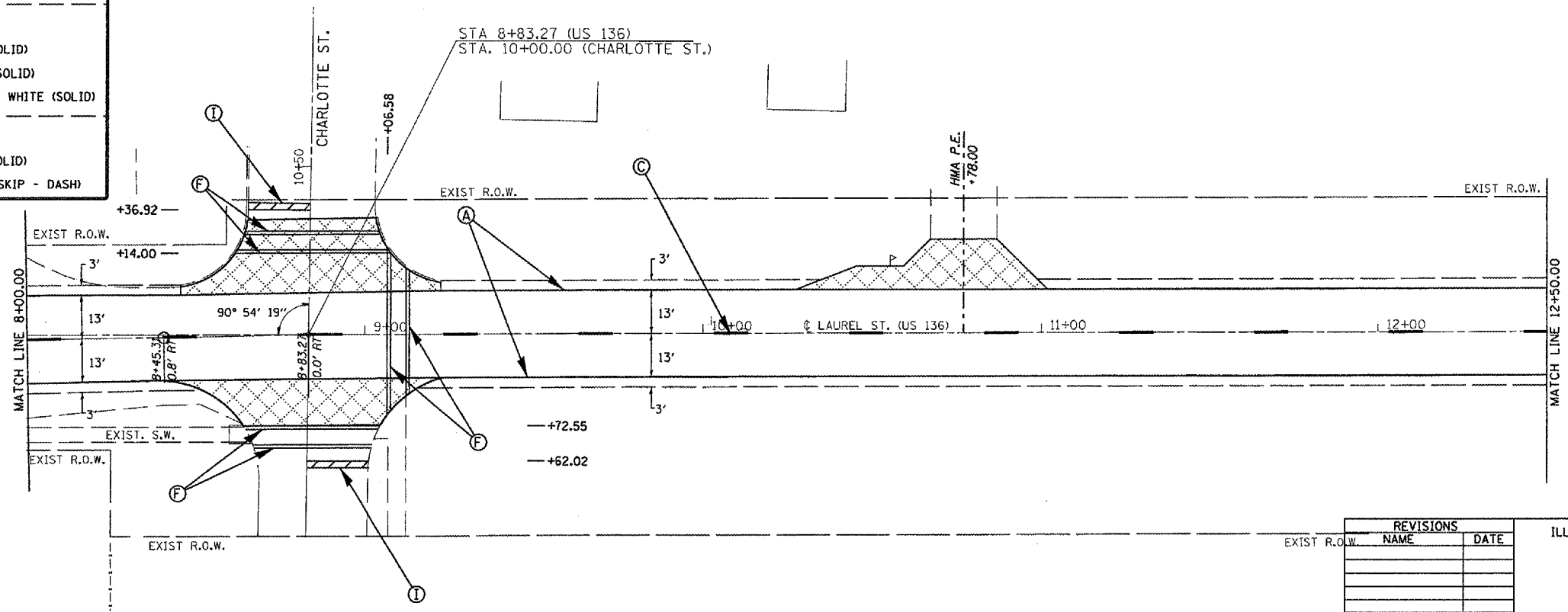
*(PREFORMED PLASTIC, TYPE B)*

- (H) PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- (I) PAVEMENT MARKING - LINE - 24" WHITE (SOLID)
- (J) PAVEMENT MARKING - LETTERS & SYMBOLS WHITE (SOLID)

*(PAINT)*

- (K) PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- \* (L) PAVEMENT MARKING - LINE - 5" YELLOW (SKIP - DASH)

- \* (E) (2' DASH - 6' SKIP)
- \* (L) (4' DASH - 40' SKIP)



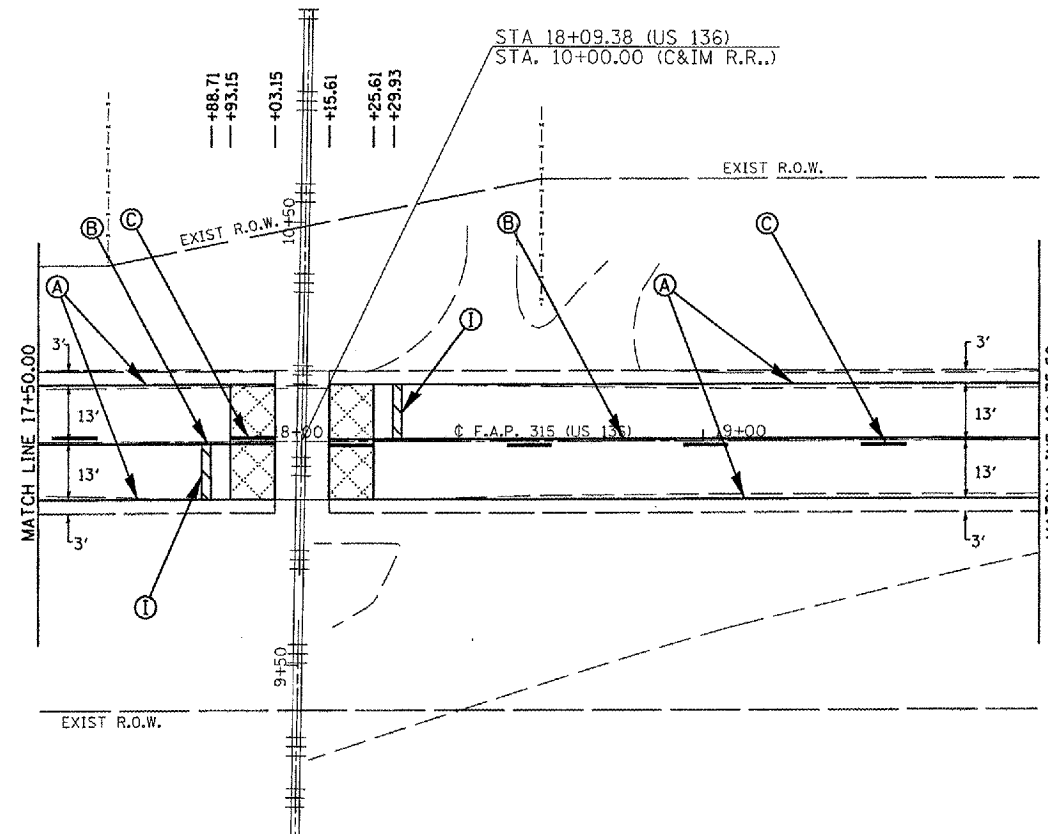
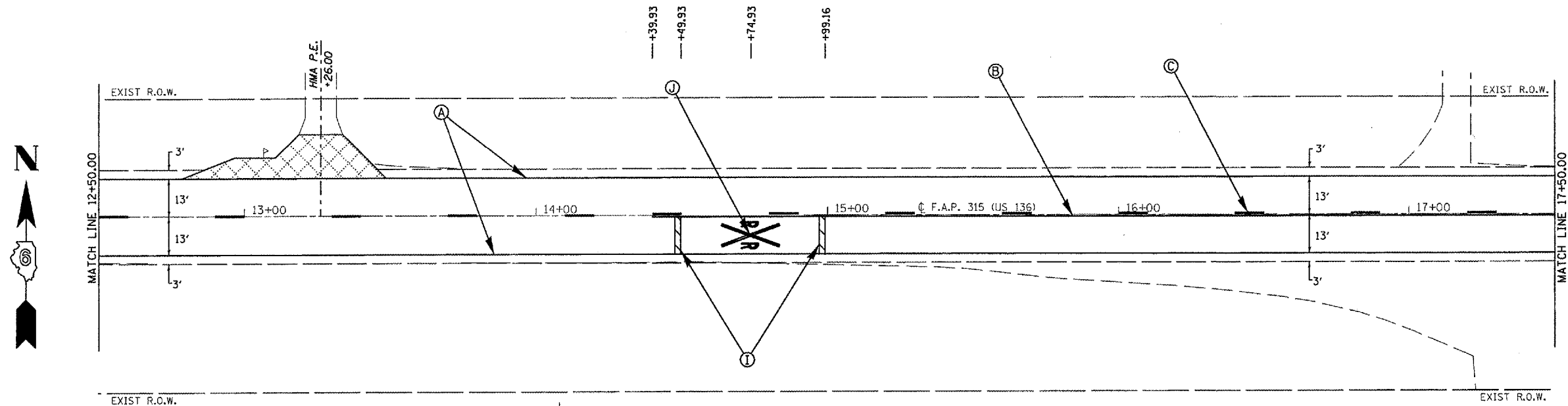
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING DETAILS**  
 F.A.P. Route 315 (US 136)  
 Section 1,2RS-4  
 MASON COUNTY  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: MARCH 15, 2007  
 DRAWN BY: JWC  
 CHECKED BY: RSC

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1" = 40.00'  
 USER NAME = csc

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	36
STA. 12+50.00		TO STA. 19+75.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PAVEMENT MARKING LEGEND**

**(THERMOPLASTIC)**

- (A) PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- (B) PAVEMENT MARKING - LINE - 5" YELLOW (SOLID)
- (C) PAVEMENT MARKING - LINE - 5" YELLOW (SKIP-DASH)
- (D) PAVEMENT MARKING - LINE - 5" DOUBLE YELLOW (SOLID)
- (E) PAVEMENT MARKING - LINE - 6" WHITE (SKIP - DASH)
- (F) PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- (G) PAVEMENT MARKING - LINE - 12" YELLOW (SOLID)

**(PREFORMED PLASTIC, TYPE B)**

- (H) PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- (I) PAVEMENT MARKING - LINE - 24" WHITE (SOLID)
- (J) PAVEMENT MARKING - LETTERS & SYMBOLS WHITE (SOLID)

**(PAINT)**

- (K) PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- (L) PAVEMENT MARKING - LINE - 5" YELLOW (SKIP - DASH)

- \* (M) (2' DASH - 6' SKIP)
- \* (N) (4' DASH - 40' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING DETAILS**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY

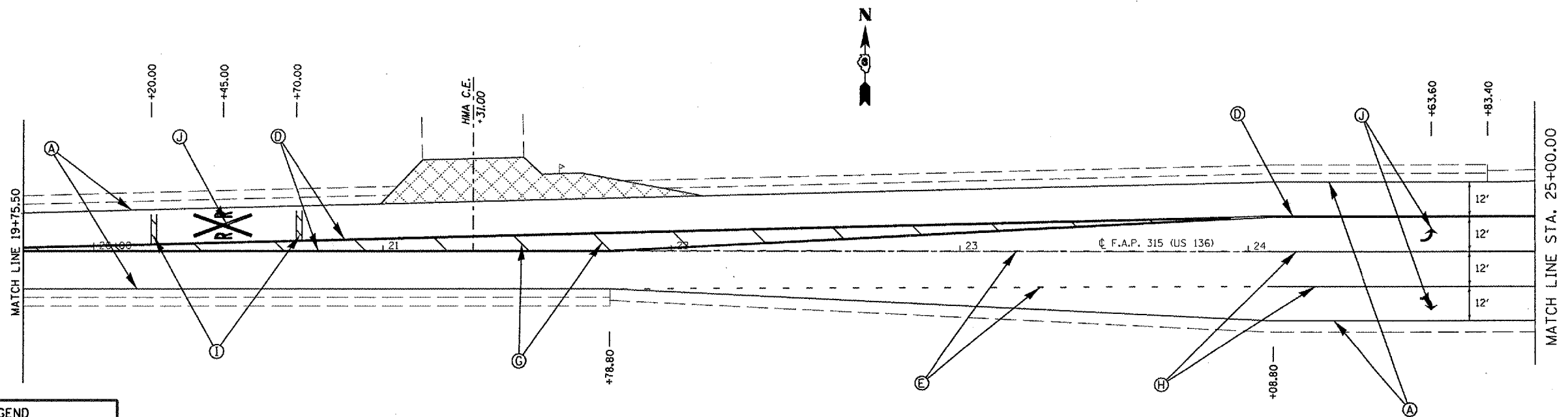
SCALE: VERT.  
 HORIZ.  
 DATE: MARCH 15, 2007

DRAWN BY: JWC  
 CHECKED BY: RSC



CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	37
STA. 19+75.50		TO STA. 25+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PAVEMENT MARKING LEGEND**

**(THERMOPLASTIC)**

- (A) PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- (B) PAVEMENT MARKING - LINE - 5" YELLOW (SOLID)
- (C) PAVEMENT MARKING - LINE - 5" YELLOW (SKIP-DASH)
- (D) PAVEMENT MARKING - LINE - 5" DOUBLE YELLOW (SOLID)
- (E) PAVEMENT MARKING - LINE - 6" WHITE (SKIP - DASH)
- (F) PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- (G) PAVEMENT MARKING - LINE - 12" YELLOW (SOLID)

**(PREFORMED PLASTIC, TYPE B)**

- (H) PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- (I) PAVEMENT MARKING - LINE - 24" WHITE (SOLID)
- (J) PAVEMENT MARKING - LETTERS & SYMBOLS WHITE (SOLID)

**(PAINT)**

- (K) PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- (L) PAVEMENT MARKING - LINE - 5" YELLOW (SKIP - DASH)
- (E) 12' DASH - 6' SKIP
- (L) 4' DASH - 40' SKIP

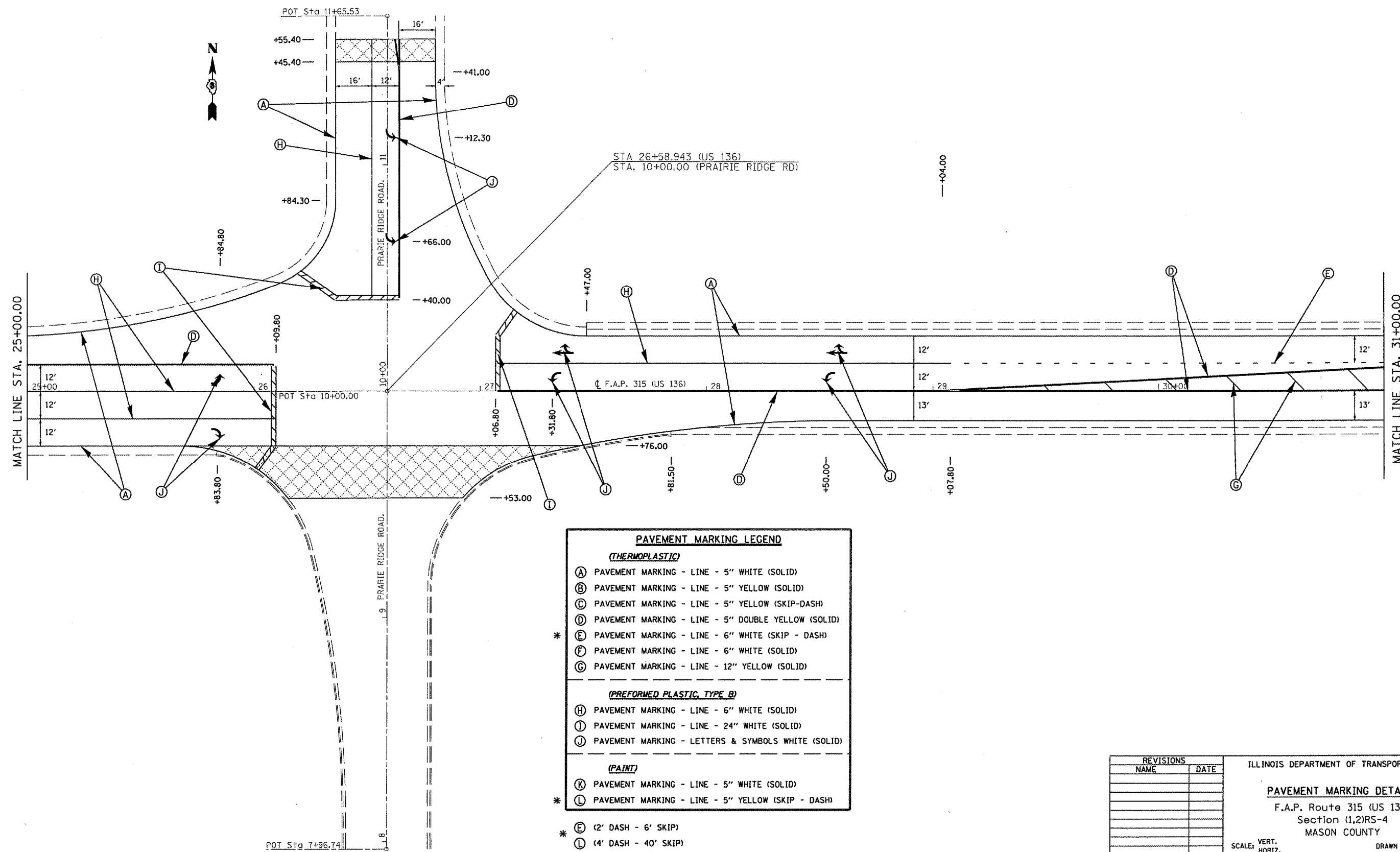
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING DETAILS**  
 F.A.P. Route 315 (US 136)  
 Section (1,2)RS-4  
 MASON COUNTY  
 SCALE: VERT.      DRAWN BY: JWC  
 HORIZ.            CHECKED BY: RSC  
 DATE: MARCH 1, 2007

PLOT DATE = 3/22/2007  
 PLOT NAME = I:\AS\6653883\pavmarking.dgn  
 PLOT SCALE = 43.3735' / IN.  
 USER NAME = cory

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	1,2)RS-4	MASON	44	38
STA. 25+00.00		TO STA. 31+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PAVEMENT MARKING LEGEND	
<b>(THERMOPLASTIC)</b>	
A	PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
B	PAVEMENT MARKING - LINE - 5" YELLOW (SOLID)
C	PAVEMENT MARKING - LINE - 5" YELLOW (SKIP-DASH)
D	PAVEMENT MARKING - LINE - 5" DOUBLE YELLOW (SOLID)
* E	PAVEMENT MARKING - LINE - 6" WHITE (SKIP - DASH)
F	PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
G	PAVEMENT MARKING - LINE - 12" YELLOW (SOLID)
<b>(PREFORMED PLASTIC, TYPE B)</b>	
H	PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
I	PAVEMENT MARKING - LINE - 24" WHITE (SOLID)
J	PAVEMENT MARKING - LETTERS & SYMBOLS WHITE (SOLID)
<b>(PAINT)</b>	
K	PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
* L	PAVEMENT MARKING - LINE - 5" YELLOW (SKIP - DASH)
* E	(2' DASH - 6' SKIP)
* L	(4' DASH - 40' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING DETAILS**

F.A.P. Route 315 (US 136)  
 Section 1,2)RS-4  
 MASON COUNTY

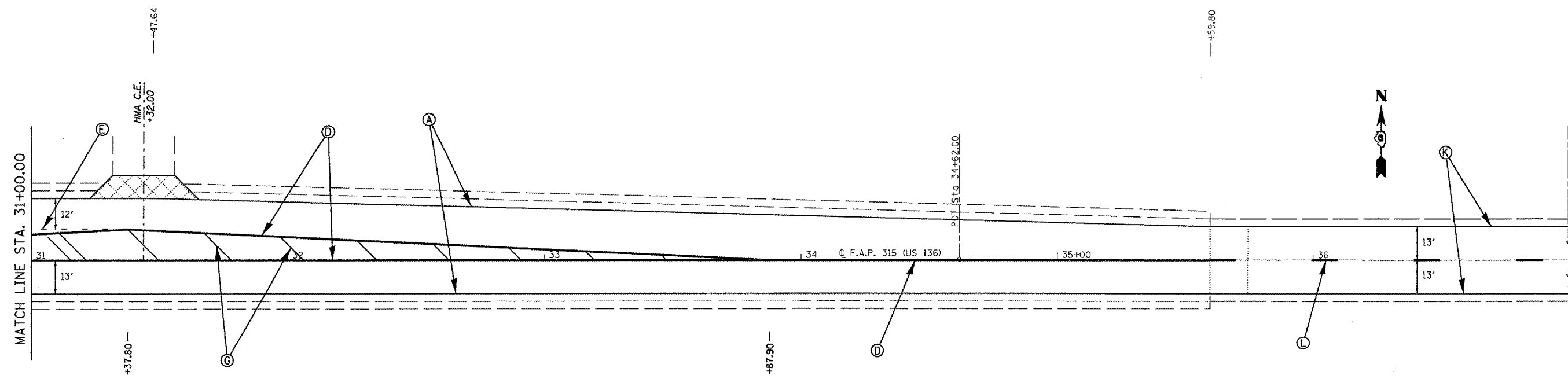
SCALE: VERT. HORIZ. DATE: MARCH 1, 2007

DRAWN BY: JWC  
 CHECKED BY: RSC

PLOT DATE = 3/22/2007  
 PLOT SCALE = 43.375' / IN.  
 USER NAME = cwpj

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	39
STA. 31+00.00		TO STA. 37+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**PAVEMENT MARKING LEGEND**

**(THERMOPLASTIC)**

- (A) PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- (B) PAVEMENT MARKING - LINE - 5" YELLOW (SOLID)
- (C) PAVEMENT MARKING - LINE - 5" YELLOW (SKIP-DASH)
- (D) PAVEMENT MARKING - LINE - 5" DOUBLE YELLOW (SOLID)
- \* (E) PAVEMENT MARKING - LINE - 6" WHITE (SKIP - DASH)
- (F) PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- (G) PAVEMENT MARKING - LINE - 12" YELLOW (SOLID)

**(PREFORMED PLASTIC, TYPE B)**

- (H) PAVEMENT MARKING - LINE - 6" WHITE (SOLID)
- (I) PAVEMENT MARKING - LINE - 24" WHITE (SOLID)
- (J) PAVEMENT MARKING - LETTERS & SYMBOLS WHITE (SOLID)

**(PAINT)**

- \* (K) PAVEMENT MARKING - LINE - 5" WHITE (SOLID)
- \* (L) PAVEMENT MARKING - LINE - 5" YELLOW (SKIP - DASH)
- \* (E) 12' DASH - 6' SKIP)
- \* (L) (4' DASH - 40' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING DETAILS**

F.A.P. Route 315 (US 136)  
Section (1,2)RS-4  
MASON COUNTY

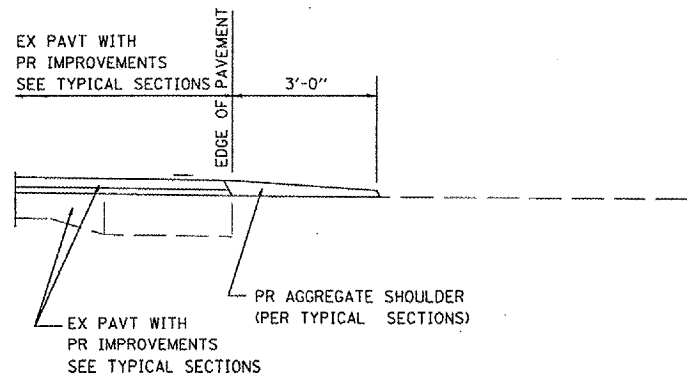
SCALE: VERT. HORIZ.  
DATE: MARCH 1, 2007

DRAWN BY: JWC  
CHECKED BY: RSC

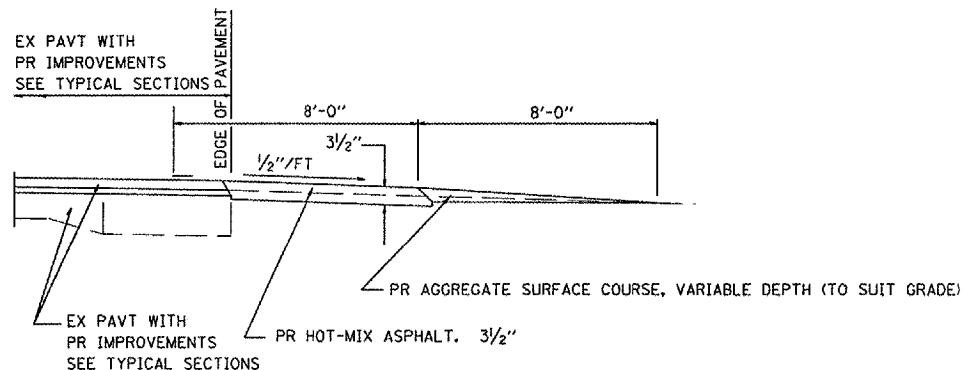
PLOT DATE = 3/22/2007  
 PLOT SCALE = 41.37' TO 1" IN.  
 USER NAME = rsc

CONTRACT NO. 72798

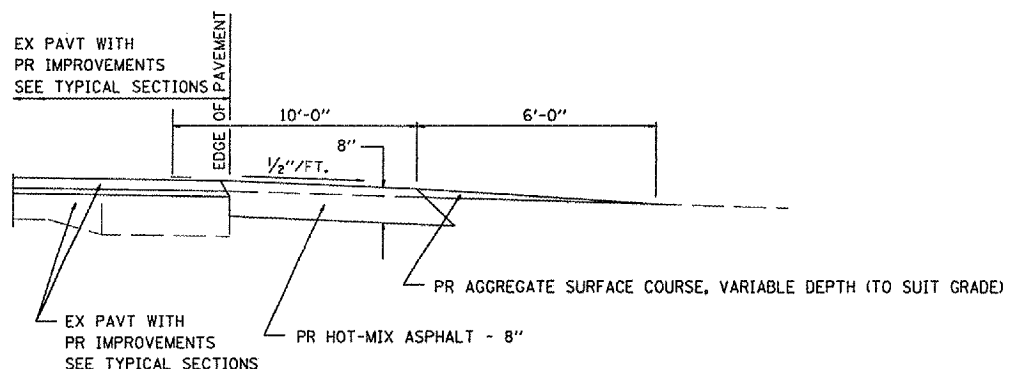
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	1,2,RS-4	MASON	44	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



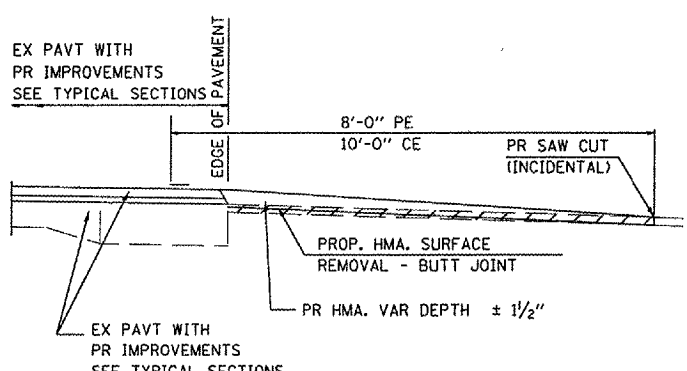
SECTION A-A FOR EX EARTH/ AGGREGATE FE



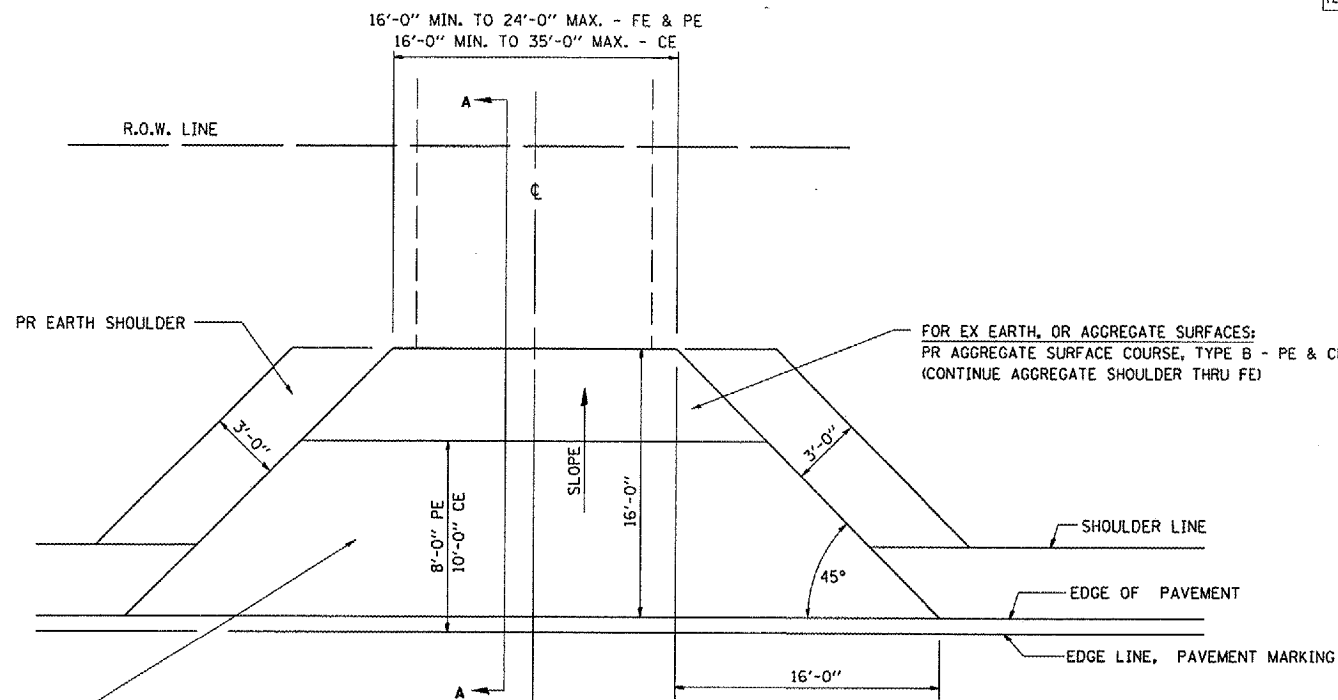
SECTION A-A FOR EX EARTH/AGGREGATE PE



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 HMA SURFACE REMOVAL (IF APPLICABLE)  
 PR AGGREGATE SHOULDER THRU - FE  
 PR HOT-MIX ASPHALT 3 1/2" - PE  
 PR HOT-MIX ASPHALT 8" - CE  
 FOR HOT-MIX ASPHALT OR P.C. CONCRETE SURFACES:  
 PR HOT-MIX ASPHALT 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.

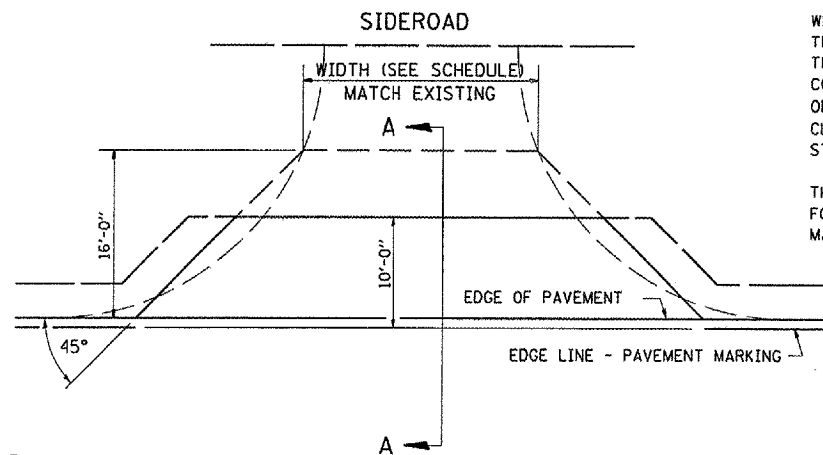
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HOT-MIX ASPHALT 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 HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, CLASS I, TYPE 2 OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DETAILS FOR RURAL  
 ENTRANCE, MAILBOX TURNOUT  
 & SIDE ROAD  
 SHEET 1 OF 5

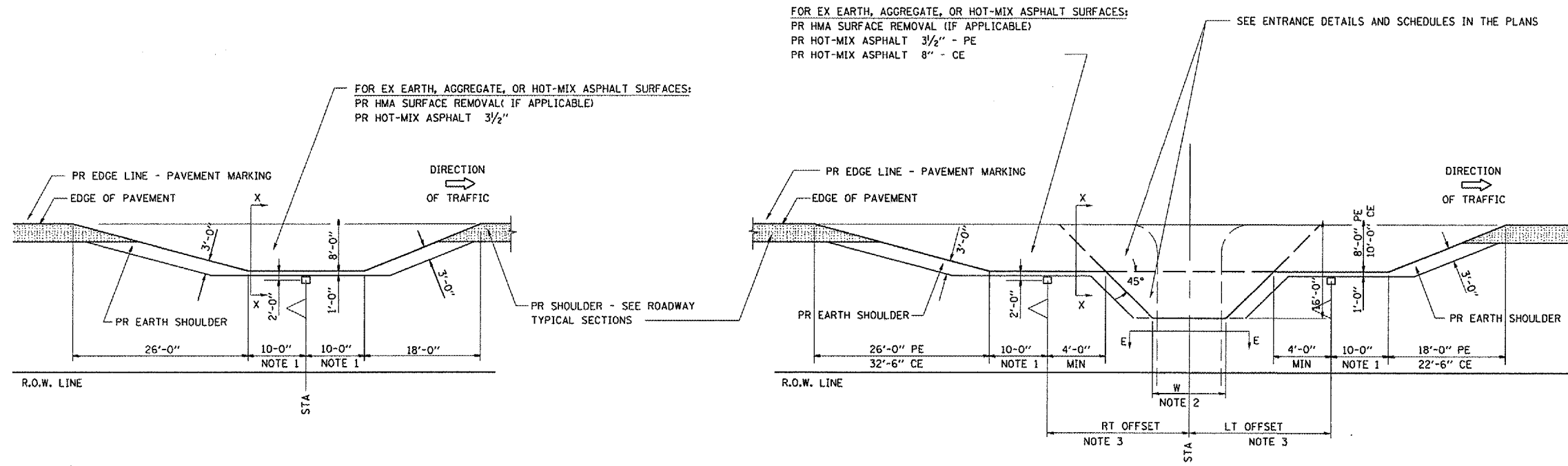
SCALE: VERT. HORIZ.  
 DATE: MAY 21, 2004  
 DRAWN BY: CAD  
 CHECKED BY: RSC

PLT DATE = 3/22/2007  
 FILE NAME = 0653003.dwg  
 USER = jay  
 PLOT SCALE = 1/8" = 1'-0"

CONTRACT NO. 72798

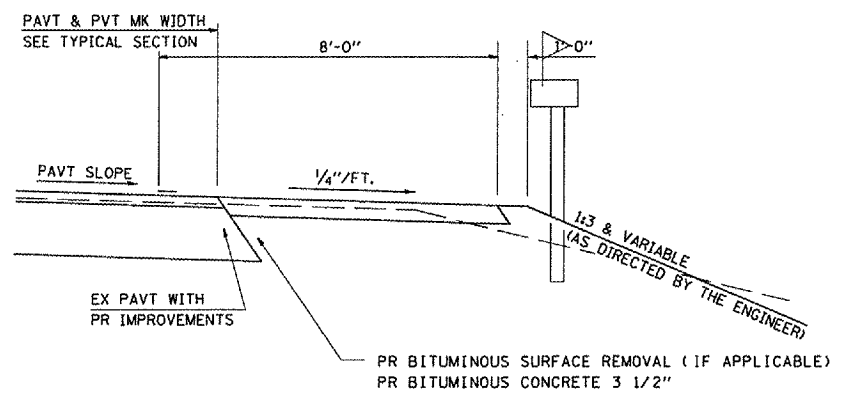
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

### DETAILS OF MAILBOX TURNOUTS

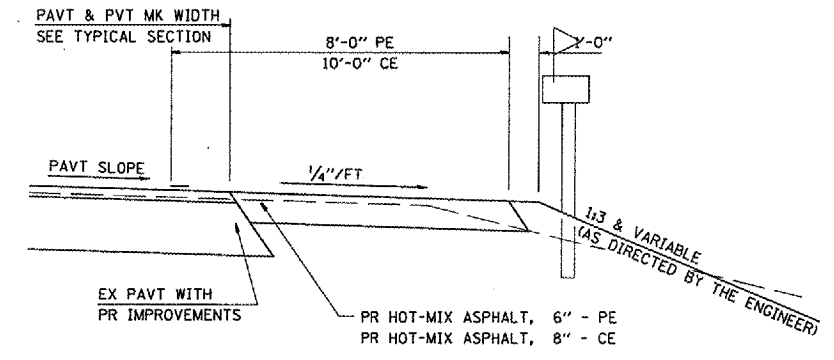


PLAN - MAILBOX TURNOUTS

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 HOT-MIX ASPHALT PE & FE



SECTION X-X THRU MAILBOX TURNOUT  
COMBINED WITH EX HOT-MIX ASPHALT & PC CONC PE & CE

- 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 INCHES UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DETAILS FOR RURAL  
ENTRANCE, MAILBOX TURNOUT  
& SIDE ROAD**

SHEET 2 OF 5

SCALE: VERT.      DRAWN BY: CAD  
 HORIZ.              CHECKED BY: RSC  
 DATE: MAY 21, 2004

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = csp

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	1,2RS-4	MASON	44	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**INCIDENTAL HOT-MIX ASPHALT SCHEDULE**

DESCRIPTION	STATION	PROPOSED			AGGR. ENTR.		HMA. ENTR.		SIDE RD.		TOTAL (TON)	Aggr. Shldr AREA (SQ FT)	Bit Surf Rem Butt Jt (SQ YD)		
		WIDTH	LENGTH	THICKNESS	AREA	TOTAL	AREA	TOTAL	AREA	TOTAL					
		(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(TON)	(SQ FT)	(TON)	(SQ FT)	(TON)					
[F. A. P. 315 (US 136)]															
LIMITS OF IMPROVEMENT	5+10.00														
SECTION BEGINS	5+20.00														
RANDOLPH ST.	6+93.22 LT	(Measured Using CADD)							775.90	7.24	7.24		86.21		
	6+93.22 RT	(Measured Using CADD)							608.22	5.68	5.68		67.58		
McKINLEY ST.	14+12.15 LT	(Measured Using CADD)							668.94	6.24	6.24		74.33		
	14+12.15 RT	(Measured Using CADD)							703.42	6.57	6.57		78.16		
STA. EQUATION #1	17+73.54 (BK)														
	0+00.00 (AH)														
HMA CE (RT)	0+32.00 RT	(Measured Using CADD)					317.57	2.96			2.96		35.29		
HARPHAM ST.	0+32.77 LT	(Measured Using CADD)							482.60	4.50	4.50		53.62		
HMA PE (RT)	2+33.50 RT	25	7	1.5			224.00	2.09			2.09		24.89		
AGG PE (LT)	3+25.50 LT	10	7	3.5	70.00	1.52					1.52				
AGG PE (LT)	3+47.50 LT	17	7	3.5	119.00	2.59					2.59				
AGG PE (LT)	4+05.50 LT	8	7	3.5	105.00	2.29					2.29				
AGG PE (RT)	4+36.50 RT	25	7	3.5	224.00	4.88					4.88				
AGG PE (LT)	4+72.50 LT	41	7	3.5	287.00	6.25					6.25	124.50			
AGG PE (LT)	5+12.50 LT	12	7	3.5	84.00	1.83					1.83	81.00			
AGG PE (RT)	6+04.00 RT	38	9	3.5	342.00	7.45					7.45	132.00			
AGG CE (RT)	6+78.50 RT	35	10	8	350.00	17.42					17.42	133.50			
AGG PE (RT)	7+32.50 RT	18	12.5	3.5	225.00	4.90					4.90	123.00			
CHARLOTTE ST.	8+83.27 LT	(Measured Using CADD)							1,159.69	10.82	10.82		128.85		
	8+83.27 RT	(Measured Using CADD)							742.00	6.93	6.93		82.44		
HMA PE (w/MBT) (LT)	10+78.00 LT	*	20	15	1.5		813.00	7.59			7.59	141.00	90.33		
HMA PE (w/MBT) (LT)	13+26.00 LT	*	15	15	1.5		738.00	6.89			6.89	133.50	82.00		
SECTION ENDS	17+93.15														
LIMITS OF IMPROVEMENT	18+03.15														
RAILROAD	18+03.15 to														
OMISSION	18+15.61														
LIMITS OF IMPROVEMENT	18+15.61														
SECTION BEGINS	18+25.61														
HMA CE (w/MBT) (LT)	21+31.00	*	35	15	1.875		1,038.00	12.11			12.11	163.50	115.33		
HMA CE (LT)	31+44.00		30	9	1.875		351.00	4.10			4.10	120.00	39.00		
HMA CE (LT)	38+19.00 LT		35	9	1.875		396.00	4.62			4.62	127.50	44.00		
Subtotal (pg 1) =							1,806.00	49.13	3,877.57	40.36	5,140.77	47.98	137.47	1,279.50	1,002.04

\* QUANTITIES HAVE INCLUDED MAILBOX TURNOUTS WHICH SHALL BE BROUGHT UP TO GRADE USING INCIDENTAL HOT-MIX ASPHALT SURFACING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS FOR RURAL  
 ENTRANCE, MAILBOX TURNOUT  
 & SIDE ROAD**  
 SHEET 3 OF 5  
 SCALE: VERT.      DRAWN BY: CAD  
 HORIZ.              CHECKED BY: JCN  
 DATE: DECEMBER 2, 2005

PLOT DATE = 3/22/2007  
 PLOT SCALE = 0.500000  
 USER NAME = EDCN

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(1,2)RS-4	MASON	44	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INCIDENTAL HOT-MIX ASPHALT SCHEDULE

DESCRIPTION	STATION	PROPOSED			AGGR. ENTR.		HMA. ENTR.		SIDE RD.		TOTAL	Aggr. Shldr	Bit Surf Rem		
		WIDTH	LENGTH	AVG.	AREA	TOTAL	AREA	TOTAL	AREA	TOTAL					
														(FOOT)	(FOOT)
HMA CE (LT)	38+48.00 LT	35	9	1.875			396.00	4.62			4.62	127.50	44.00		
HMA CE (RT)	41+13.00 RT	35	9	1.875			396.00	4.62			4.62	127.50	44.00		
HMA CE (RT)	51+73.00 RT	OVER GUTTER (NO WORK)													
HMA CE (RT)	59+64.00 RT	20	9	1.875			261.00	3.05			3.05	105.00	29.00		
HMA PE (RT)	64+90.00 RT	40	7	1.875			329.00	3.84			3.84	123.00			
HMA MBT (no entr) (LT)	64+90.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
HMA PE (LT)	68+75.00 LT	35	7	1.875			294.00	3.43			3.43	115.50			
HMA MBT (no entr) (LT)	68+84.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
HMA PE (LT)	70+71.00 LT	25	7	1.875			224.00	2.61			2.61	100.50	24.89		
HMA MBT (no entr) (LT)	72+11.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
(TR 1750 E) RT	72+11.00 RT	44	9	1.875					477.00	5.57	5.57	141.00	53.00		
(Dutchland Estates Rd.) RT	77+80.49 RT	43	9	1.875					468.00	5.46	5.46	139.50	52.00		
(Dutchland Estates Rd.) RT	82+68.15 RT	58	9	1.875					603.00	7.04	7.04	162.00	67.00		
HMA PE (RT)	85+71.00 RT	70	7	1.875			539.00	6.29			6.29	168.00	59.89		
HMA MBT (no entr) (LT)	85+71.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
HMA PE (RT)	91+91.00 RT	12	7	1.875			133.00	1.55			1.55	81.00	14.78		
HMA MBT (no entr) (LT)	91+91.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
(TR 1800E) RT	98+60.30 RT	37	9	1.875					414.00	4.83	4.83	130.50	46.00		
(TR 1800 E) LT	98+60.30 LT	37	9	1.875					414.00	4.83	4.83	130.50	46.00		
HMA PE (w/MBT) (RT)	121+26.00 RT	20	15	1.875			813.00	9.49			9.49	141.00			
HMA PE (w/MBT) (RT)	123+64.00 RT	33	15	1.875			1,008.00	11.76			11.76	160.50			
HMA PE (RT)	125+53.00 RT	20	7	1.875			189.00	2.21			2.21	93.00			
HMA PE (RT)	132+82.00 LT	33	7	1.875			280.00	3.27			3.27	112.50			
HMA PE (LT)	133+00.00 RT	14	7	1.875			147.00	1.72			1.72	84.00	16.33		
HMA PE (RT)	134+50.00 RT	20	7	1.875			189.00	2.21			2.21	93.00			
HMA CE (RT)	138+66.00 RT	60	9	1.875			621.00	7.25			7.25	165.00			
(TR 1900E) RT	151+40.83 RT	30	9	1.875					351.00	4.10	4.10	120.00	39.00		
HMA PE (w/MBT) (LT)	153+77.00 LT	31	15	1.875			978.00	11.41			11.41	157.50			
HMA CE (LT)	160+31.00 LT	71	9	1.875			720.00	8.40			8.40	181.50	80.00		
HMA CE (LT)	163+91.00 LT	80	9	1.875			801.00	9.35			9.35	195.00	89.00		
STA. EQUATION #2	173+21.46 (BK)														
	173+25.13 (AH)														
(TR 1970E) LT	192+20.78 LT	65	9	1.875					666.00	7.77	7.77	172.50	74.00		
HMA PE (RT)	194+41.00 RT	23	7	1.875			210.00	2.45			2.45	97.50	23.33		
HMA PE (w/MBT) (LT)	194+58.00 LT	13	15	1.875			708.00	8.26			8.26	130.50	78.67		
(2000E) RT	205+96.00 RT	51	9	1.875					540.00	6.30	6.30	151.50	60.00		
Subtotal (pg 2) =							0.00	0.00	10,181.00	118.78	3,933.00	45.89	164.66	4,171.50	940.89

\* QUANTITIES HAVE INCLUDED MAILBOX TURNOUTS WHICH SHALL BE BROUGHT UP TO GRADE USING INCIDENTAL HOT-MIX ASPHALT SURFACING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS FOR RURAL  
 ENTRANCE, MAILBOX TURNOUT  
 & SIDE ROAD**  
 SHEET 4 OF 5  
 SCALE: VERT.      DRAWN BY: CAD  
 HORIZ.              CHECKED BY: JCN  
 DATE: DECEMBER 2, 2005

PLOT DATE = 3/22/2007  
 PLOT SCALE = 1/8" = 40'-0"  
 USER NAME = csnj

CONTRACT NO. 72798

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	1,21RS-4	MASON	44	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INCIDENTAL HOT-MIX ASPHALT SCHEDULE

DESCRIPTION	STATION	PROPOSED			AGGR. ENTR.		HMA. ENTR.		SIDE RD.		TOTAL (TON)	Aggr. Shldr (SQ FT)	Bit Surf Rem Butt Jt (SQ YD)		
		WIDTH (FOOT)	LENGTH (FOOT)	AVG. (FOOT)	AREA (SQ FT)	TOTAL (TON)	AREA (SQ FT)	TOTAL (TON)	AREA (SQ FT)	TOTAL (TON)					
HMA MBT (no entr) (LT)	258+22.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
(2100 E) RT	258+66.07 RT	53	9	1.875					558.00	6.51	6.51	154.50	62.00		
(2130 E) LT	271+80.03 LT	51	9	1.875					540.00	6.30	6.30	151.50	60.00		
HMA PE (LT)	280+97.00 LT	31	7	1.875			266.00	3.10			3.10	109.50			
HMA PE (w/MBT) (RT)	293+59.00 RT	16	15	1.875			753.00	8.79			8.79	135.00			
P. C. C. CE (RT)	305+50.00 RT	30													
HMA CE (RT)	310+88.00 RT	63	9	1.875			648.00	7.56			7.56	169.50			
(2200E) LT	311+54.84 LT	50	9	1.875					531.00	6.20	6.20	150.00	59.00		
HMA PE (RT)	312+37.00 RT	50	7	1.875			399.00	4.66			4.66	138.00	44.33		
HMA PE (LT)	327+00.00 LT	38	7	1.875			315.00	3.68			3.68	120.00			
HMA PE (w/MBT) (LT)	328+60.00 LT	18	15	1.875			783.00	9.14			9.14	138.00			
HMA PE (w/MBT) (LT)	358+47.00 LT	16	15	1.875			753.00	8.79			8.79	135.00			
HMA MBT (no entr) (LT)	362+34.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
AGG PE (RT)	362+52.00 RT	25	7	3.5	224.00	4.88					4.88	100.50			
AGG PE (RT)	363+04.00 RT	18	7	3.5	175.00	3.81					3.81	90.00			
HMA MBT (w/MBT) (LT)	366+71.00 LT	18	15	1.875			783.00	9.14			9.14	138.00			
HMA PE (RT)	367+08.00 RT	37	7	1.875					308.00	3.59	3.59	118.50			
HMA MBT (no entr) (LT)	370+53.00 LT	20	7	1.875			189.00	2.21			2.21	93.00	21.00		
HMA CE (RT)	370+72.00 RT	40	9	1.875			441.00	5.15			5.15	135.00	49.00		
HMA CE (RT)	373+34.00 RT	60	9	1.875			621.00	7.25			7.25	165.00			
HMA MBT (no entr) (LT)	373+53.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
HMA CE (RT)	373+34.00 RT	60	9	1.875			621.00	7.25			7.25	165.00			
HMA MBT (no entr) (LT)	373+53.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
HMA PE (RT)	399+64.00 RT	45	7	1.875					364.00	4.25	4.25	130.50			
HMA MBT (no entr) (LT)	399+64.00 LT	20	7	1.875			189.00	2.21			2.21	93.00			
(2400E) RT	415+38.97 RT	55	9	1.875					576.00	6.72	6.72	157.50	64.00		
(2400E) LT	415+38.97 LT	55	9	1.875					576.00	6.72	6.72	157.50	64.00		
HMA MBT (w/MBT) (LT)	468+67.00 LT	25	15	1.875			888.00	10.36			10.36	148.50			
(TR 2500E) RT	468+73.09 RT	48	9	1.875					513.00	5.99	5.99	147.00	57.00		
(TR 2600E) RT	521+68.45 RT	51	9	1.875					540.00	6.30	6.30	151.50	60.00		
(TR 2600E) LT	521+68.45 LT	52	9	1.875					549.00	6.41	6.41	153.00	61.00		
(TR 2670E) LT	560+64.34 LT	35	9	1.875					396.00	4.62	4.62	127.50	44.00		
HMA CE (RT)	568+40.00 RT	35	9	1.875			914.50	10.67			10.67	127.50	101.61		
HMA CE (RT)	569+15.00 RT	35	9	1.875			914.50	10.67			10.67	127.50	101.61		
HMA PE (LT)	569+07.00 LT	23	7	1.875			734.50	8.57			8.57	97.50	81.61		
HMA CE (RT)	569+07.00 RT	35	9	1.875			914.50	10.67			10.67	127.50	101.61		
SECTION ENDS	572+47.60														
LIMITS OF IMPROVEMENT	572+82.60														
Subtotal (pg 3) =							399.00	8.69	11,883.00	138.64	5,451.00	63.60	210.92	4,524.00	1,031.78
Total =							2,205.00	57.82	25,941.57	297.77	14,524.77	157.46	513.05	9,975.00	2,974.70

\* QUANTITIES HAVE INCLUDED MAILBOX TURNOUTS WHICH SHALL BE BROUGHT UP TO GRADE USING INCIDENTAL HOT-MIX ASPHALT SURFACING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS FOR RURAL  
 ENTRANCE, MAILBOX TURNOUT  
 & SIDE ROAD**  
 SHEET 5 OF 5  
 SCALE: VERT.      DRAWN BY: CAD  
           HORIZ.      CHECKED BY: JCN  
 DATE: DECEMBER 2, 2005

PLT DATE = 3/22/2007  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = jcn