

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE | COUNTY | SECTION | SHEET/OF |
|---------|----------|----------------|----------|
| FAS 863 | Randolph | 17-00039-08-RS | 1/6 |

Contract No. 97765
FEDERAL AID PROJECT

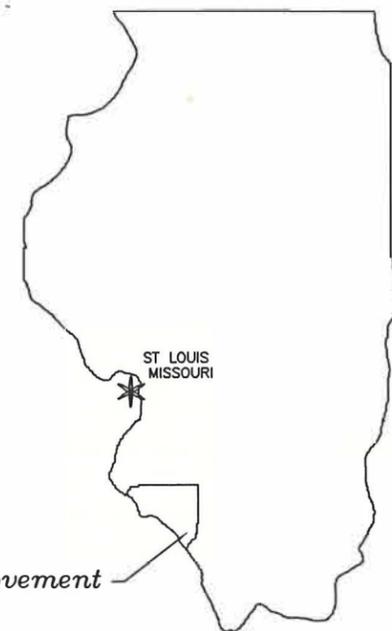
INDEX OF SHEETS

PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
RANDOLPH COUNTY

SHEET NO CONTENT

- 1 Cover Sheet
- 2 Summary of Quantities, Project Stationing and Lengths and General Notes.
- 3 Typical Sections, Crossroad Culvert Section and Schedule and Hot-Mix Asphalt Mixture Requirements.
- 4 Hot Mix Asphalt Surface Removal, 2" Detail and Butt-Joint Details.
- 5 Guardrail and Guardrail Removal Schedule and Class D Patches, Type IV, 9 Inch Schedule.
- 6 Paint Pavement Marking - Line 4" Schedule.

FAS ROUTE 863
SECTION 17-00039-08-RS
SECTION 17-00045-06-RS
PROJECT NO. WBQU(019)
JOB NO. C-98-025-22
STR PROGRAM
R. 5W.



Site of Proposed Improvement

These plans were prepared by me or a member of my staff working under my personal supervision.

HIGHWAY STANDARDS

BLR 23-4, BLR 24-2, 000001-08, 442201-04, 630001-12, 630101-10, 701011-04, 701201-05, 701301-04, 701306-04, 701311-03, 701901-08, 725001-01, 780001-05 & 781001-04

UTILITIES

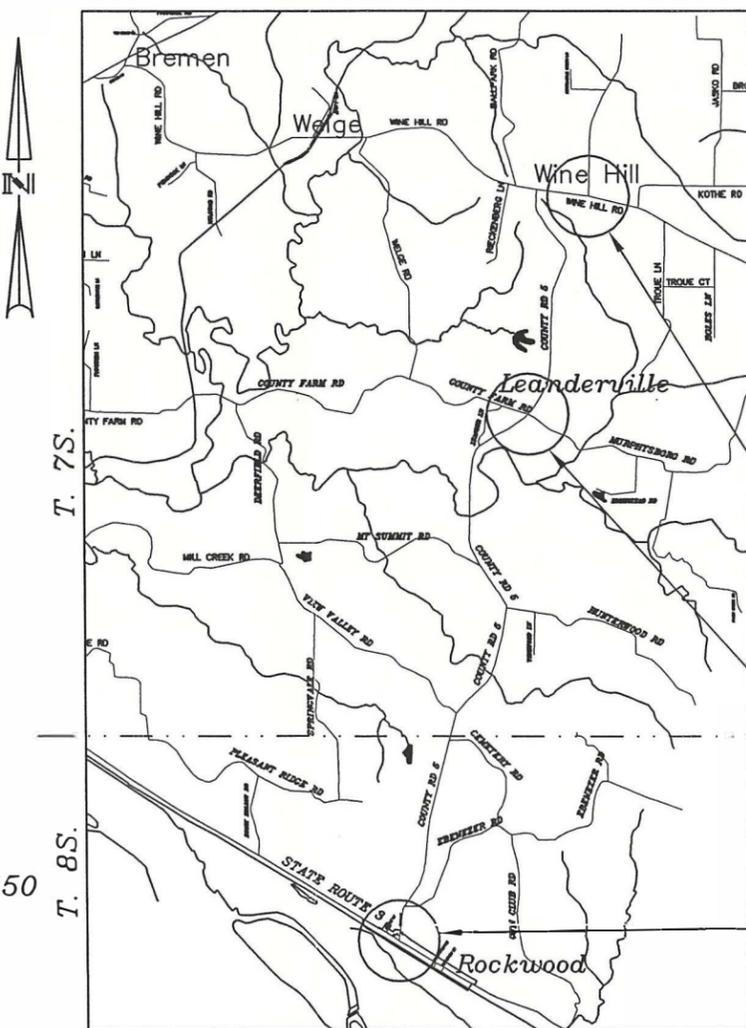
Egyptian Telephone Egyptian Electric
Egyptian Water Frontier
Clearwave
J.U.L.I.E. 1-800-892-0123

DESIGN INFORMATION

| | |
|----------------------------|-----------------------------|
| <u>County Highway 5</u> | <u>County Highway 2</u> |
| Rural Minor Collector | Rural Major Collector |
| Class III Roadway | Class III Roadway |
| Design Speed 50 Mph | Design Speed 50 Mph |
| Current ADT (2021)-375 | Current ADT (2021)-1150 |
| Design Year ADT (2031)-375 | Design Year ADT (2031)-1150 |

PAVEMENT DESIGN INFORMATION

Structural Design Traffic: 1150 (Year 2031) PV 1011
SU 81
MU 58
Minimum Soil Support IBR=3
Pavement Structural Materials: HMA Surface Course, II-9.5, Mix "C", N50



Sec. 17-00039-08-RS
Proposed Improvement Begins
CH2 @ CH5 Sta. 116+00 to Sta. 143+00
& CH5 @ CH2 Sta. 220+11

Sec. 17-00039-08-RS
Proposed Improvement Ends
CH5 @ TR 311 Sta. 340+09.72
Sec. 17-00045-06-RS
Proposed Improvement Begins
CH5 @ TR 311 Sta. 4+37.72

Sec. 17-00045-06-RS
Proposed Improvement Ends
CH5 @ IL Rte. 3 Sta. 318+00

Michael Riebeling 07/23/2021
COUNTY ENGINEER DATE
REGISTERED PROFESSIONAL ENGINEER
MICHAEL RIEBELING
062-044850
ILLINOIS
11/30/2021
Expiration Date

| | | |
|--|--|--------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | | |
| Approved | <u>July 23</u> <i>Michael Riebeling</i> | 20 <u>21</u> |
| Randolph County, County Engineer | | |
| Passed | <u>10-14</u> | 20 <u>21</u> |
| District 8 Engineer of Local Roads & Streets | | |
| Releasing for Bid | <u>10-14</u> | 20 <u>21</u> |
| Based on Limited Review | <i>Zh R. G. R.</i> | |
| Region 5 Engineer | | |

Gross Length of Improvement = 46,402.97 Ft. (8.7884 Mi.)
Net Length of Improvement = 46,192.89 Ft. (8.7487 Mi.)

SUMMARY OF QUANTITIES

| | | | |
|--|---------------|----------------|-----------------|
| ROUTE | COUNTY | SECTION | SHEET/OF |
| FAS 863 | Randolph | 17-00039-08-RS | 2/6 |
| Contract No. 97765 | | | |
| Summary of Quantities, Project Stationing and Lengths and General Notes. | | | |

| PAY ITEM | ITEM | UNIT | QUANTITY |
|------------|--|-------|----------|
| 20800150 | Trench Backfill | Cu Yd | 7 |
| 40600290 | Bituminous Materials (Tack Coat) | Pound | 76,727 |
| 40600370 | Longitudinal Joint Sealant | Foot | 46,193 |
| 40600990 | Temporary Ramp | Sq Yd | 188 |
| 40602978 | Hot-Mix Asphalt Binder Course, IL-9.5, N50 | Ton | 8,070 |
| 40604050 | Hot-Mix Asphalt Surface Course, IL-9.5, Mix "C", N50 | Ton | 7,983 |
| 44000157 | Hot-Mix Asphalt Surface Removal, 2" | Sq Yd | 113,670 |
| 44201717 | Class D Patches, Type II, 6 Inch | Sq Yd | 10.8 |
| 44201759 | Class D Patches, Type IV, 9 Inch | Sq Yd | 85.6 |
| 48102100 | Aggregate Wedge Shoulder, Type B | Ton | 2,272 |
| 542A5479 | Pipe Culverts, Class A, Type 1 Equivalent Round-Size 24" | Foot | 40 |
| *63000003 | Steel Plate Beam Guardrail, Type A, 9 Foot Posts | Foot | 3,287.50 |
| *63000030 | Strong Post Guardrail, Attached to Culvert | Foot | 100 |
| *63100167 | Traffic Barrier Terminal, Type 1 (Special) Tangent | Each | 13 |
| 63200310 | Guardrail Removal | Foot | 3,925 |
| 67100100 | Mobilization | L Sum | 1 |
| 70100450 | Traffic Control and Protection, Standard 701201 | L Sum | 1 |
| 70100460 | Traffic Control and Protection, Standard 701306 | L Sum | 1 |
| 70300100 | Short Term Pavement Marking | Foot | 13,857 |
| 70300150 | Short Term Pavement Marking Removal | Sq Ft | 1,540 |
| 70300221 | Temporary Pavement Marking - Line 4" - Paint | Foot | 171,302 |
| *72501000 | Terminal Marker - Direct Applied | Each | 14 |
| *78001110 | Paint Pavement Marking - Line 4" | Foot | 171,302 |
| *78100100 | Raised Reflective Pavement Marker | Each | 580 |
| *LR631020 | Traffic Barrier Terminal, Type 1 | Each | 1 |
| 78300202 | PAVEMENT MARKING REMOVAL-WATER BLASTING | Sq Ft | 57,095 |
| Z0034105 | Material Transfer Device | Ton | 16,053 |
| Δ Z0076600 | TRAINEES | Hour | 1,000 |
| Δ Z0076604 | TRAINEES TRAINING PROGRAM GRADUATE | Hour | 1,000 |

FAS 863 Stationing and Equations

Section 17-00039-08-RS

| Location | Sta. to Sta. | Length (Ft.) |
|--|---------------------------------|------------------|
| County Hwy 2 - From CH 5 to CH 19 | 116+00 to 143+00 | 2,700.00 |
| County Hwy 5 - From CH2 to TR 311 | 220+11 to 264+41.40 Bk. | 4,430.40 |
| | 264+67.70 Ahd. to 281+58.30 Bk. | 1,690.60 |
| | 277+41.30 Ahd. to 340+09.72 | <u>6,268.42</u> |
| Gross Length, Section 17-00039-08-RS= | | 15,089.42 |
| Net Length, Section 17-00039-08-RS= | | 15,089.42 |

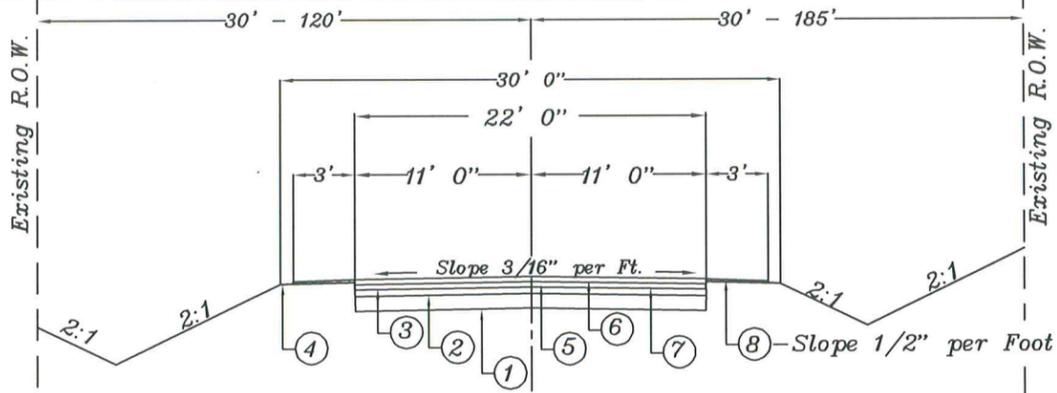
Section 17-00045-06-RS

| Location | Sta. to Sta. | Length (Ft.) |
|---|---------------------------------|------------------|
| County Hwy 5 - From TR 311 to IL Rte. 3 | 4+37.72 to 47+46.57 Bk. | 4,308.85 |
| | 46+63.15 Ahd. to 135+77.30 Bk. | 8,814.15 |
| | 135+54.83 Ahd. to 196+06.48 Bk. | 6,051.65 |
| | 196+71.07 Ahd. to 288+16.67 Bk. | 9,145.60 |
| | 288+07.60 Ahd. to 314+48.14 Bk. | 2,640.54 |
| | 314+47.24 Ahd. to 318+00 | <u>352.76</u> |
| Gross Length, Section 17-00045-06-RS= | | 31,313.55 |
| Omission - Structure No. 079-3051 | 75+82.46 to 77+17.54 | 135.08 |
| Omission - Structure No. 079-3053 | 166+00.50 to 166+75.50 | 75.00 |
| Net Length, Section 17-00045-06-RS= | | 31,103.47 |
| Net Length, Section 17-00039-08-RS & Section 17-00045-06-RS= 46,192.89 Ft. | | |

GENERAL NOTES:

1. All Construction Signs shall be 48 inch Fluorescent Orange.
2. Proposed Pavement Markings shall match Existing Pavement Markings.
3. Application rate for Tack Coat on Milled Surface shall be 0.05 Lb/Sq. Ft.
Application rate for Tack Coat on HMA Binder Course shall be 0.025 Lb/Sq. Ft.
4. Commitments: None.

* Denotes Specialty Item Δ = 0042

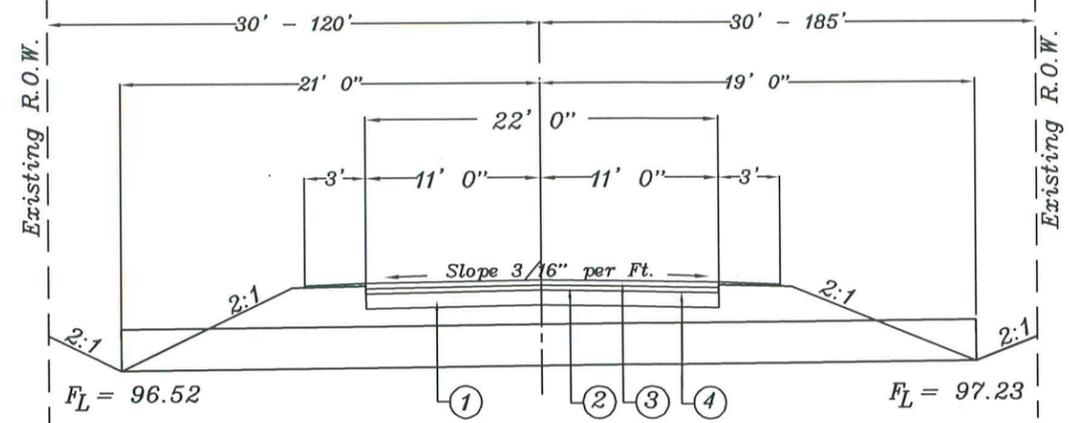


Section 17-00039-08-RS: Sta. 116+00 to Sta. 143+00
 (County Highway 2 - from County Highway 5 to County Highway 19)

Section 17-00039-08-RS: Sta. 220+11 to Sta. 340+09.72
 (County Highway 5 - from County Highway 2 to Township Route 311)

Section 17-00045-06-RS: Sta. 4+37.72 to Sta. 302+43
 (County Highway 5 - from Township Route 311 to North edge of Rockwood)

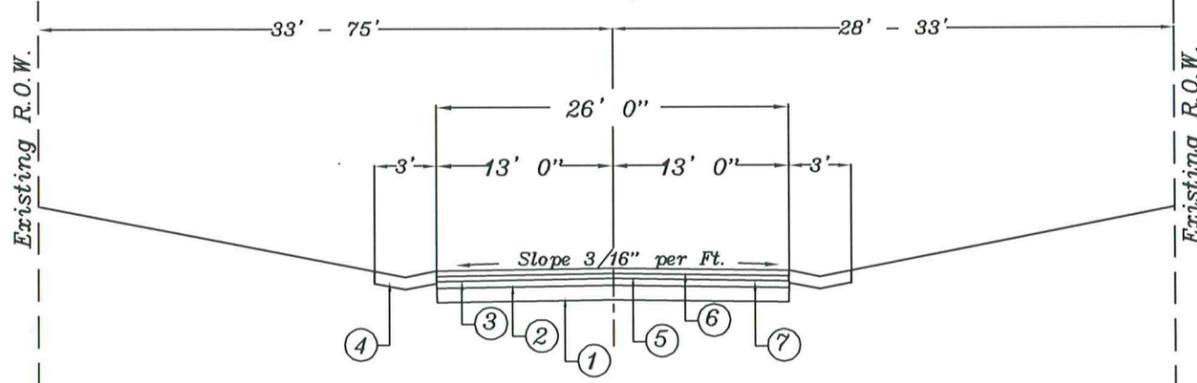
- ① Existing Aggregate Base Course
- ② Existing Hot-Mix Asphalt Base Course
- ③ Existing Hot-Mix Asphalt Surface Course
- ④ Existing Turf Shoulder
- ⑤ Proposed Hot-Mix Asphalt Binder Course, IL-9.5, N50 - 1 1/4"
- ⑥ Proposed Hot-Mix Asphalt Surface Course, IL-9.5, Mix "C", N50 - 1 1/4"
- ⑦ Proposed Hot-Mix Asphalt Surface Removal, 2"
- ⑧ Proposed Aggregate Wedge Shoulder, Type B



Section 17-00039-08-RS: Crossroad Culvert Sta. 128+14
 (County Highway 2 - from County Highway 5 to County Highway 19)

- ① Proposed Class D Patches, Type II, 6 Inch
- ② Proposed Hot-Mix Asphalt Binder Course, IL-9.5, N50 - 1 1/4"
- ③ Proposed Hot-Mix Asphalt Surface Course, IL-9.5, Mix "C", N50 - 1 1/4"
- ④ Proposed Hot-Mix Asphalt Surface Removal, 2"

| CROSSROAD CULVERT @ STA. 128+14 | | | | | | | | | | | | | |
|---------------------------------|--------------------|---------------------|--------------------|------------|-----------------------|------|-------------------|---------------|----------------------------|------|----------|--------------|-------|
| Length Lt. of ξ | ξ to F_L Lt. | Length Rt. of ξ | ξ to F_L Rt. | Skew Angle | Proposed Culvert Size | Type | Total Pipe Length | Existing Pipe | Class D Patches 6" (Sq Yd) | | | Trench Width | |
| | | | | | | | | | Area Lt. | Type | Area Rt. | | |
| 21' | 3.48 | 19' | 2.77 | 0 | 24" Equiv. | I | 40' | 18" CMP | 5.4 | II | 5.4 | II | 4.42' |



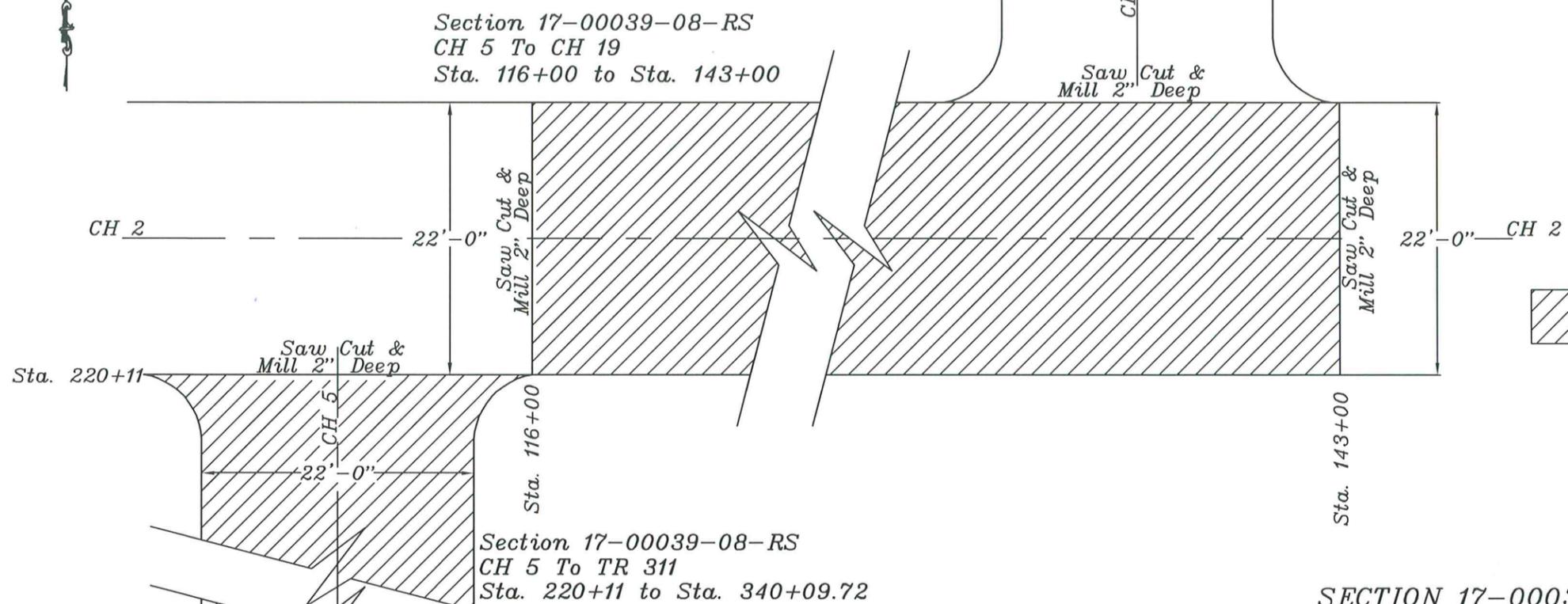
Section 17-00045-06-RS: Sta. 302+43 to Sta. 318+00
 (County Highway 5 - from North edge of Rockwood to Illinois Route 3)

- ① Existing Aggregate Base Course
- ② Existing Hot-Mix Asphalt Base Course
- ③ Existing Hot-Mix Asphalt Surface Course
- ④ Existing Concrete Gutter
- ⑤ Proposed Hot-Mix Asphalt Binder Course, IL-9.5, N50 - 1 1/4"
- ⑥ Proposed Hot-Mix Asphalt Surface Course, IL-9.5, Mix "C", N50 - 1 1/4"
- ⑦ Proposed Hot-Mix Asphalt Surface Removal, 2"

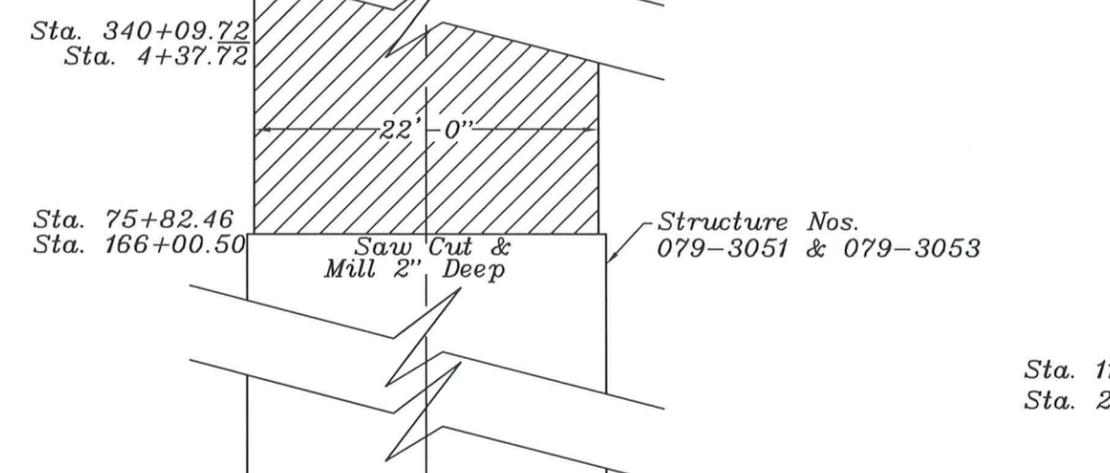
| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | | |
|---|------------------------|------------------------|
| Section 17-00039-08-RS & 17-00045-06-RS | | |
| MIXTURE USE | SURFACE | BINDER |
| PG | PG 64-22 | PG 64-22 |
| RAP %(MAX) | See Special Provisions | See Special Provisions |
| DESIGN AIR VOIDS | 4.0% @ Ndes=50 | 4.0% @ Ndes=70 |
| MIX COMPOSITION (GRADATION MIXTURE) | IL 9.5 | IL 9.5 |
| FRICTION AGG | Mixture C | |
| MIXTURE WEIGHT | 112 Lb/Sy/In | 112 Lb/Sy/In |

HOT-MIX ASPHALT SURFACE REMOVAL, 2"

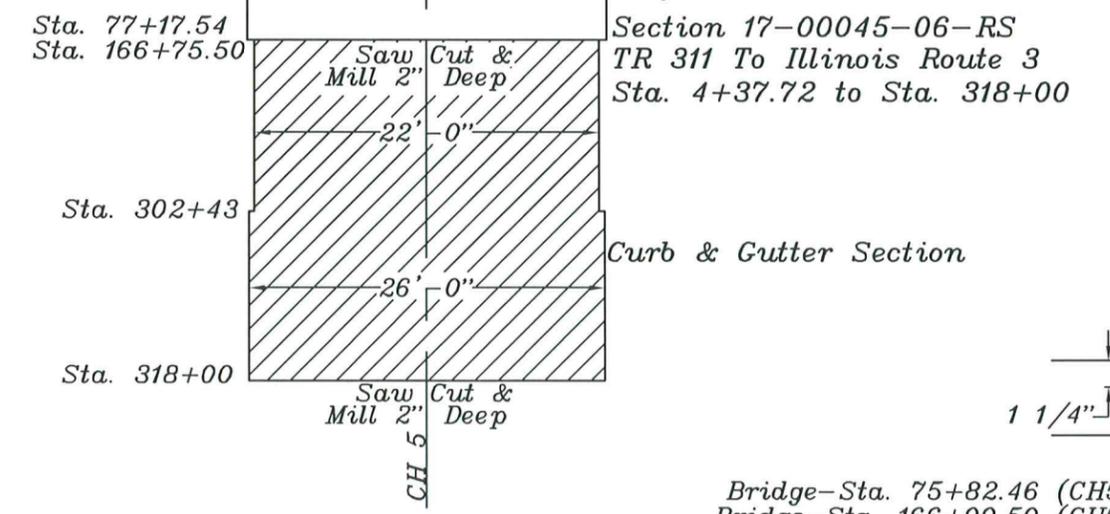
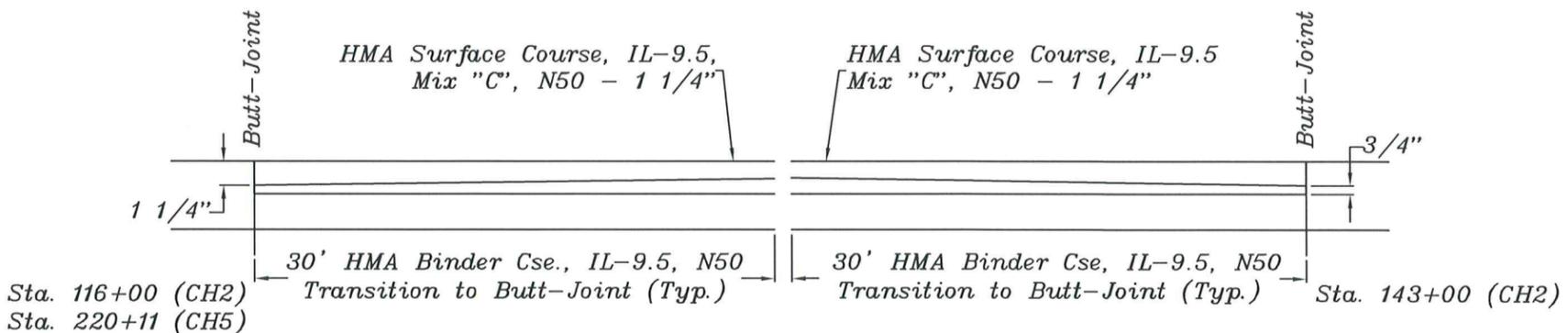
| ROUTE | COUNTY | SECTION | SHEET/OF |
|--|----------|----------------|----------|
| FAS 863 | Randolph | 17-00039-08-RS | 4/6 |
| Contract No. 97765 | | | |
| Hot-Mix Asphalt Surface Removal, 2" Detail and Butt-Joint Detail | | | |



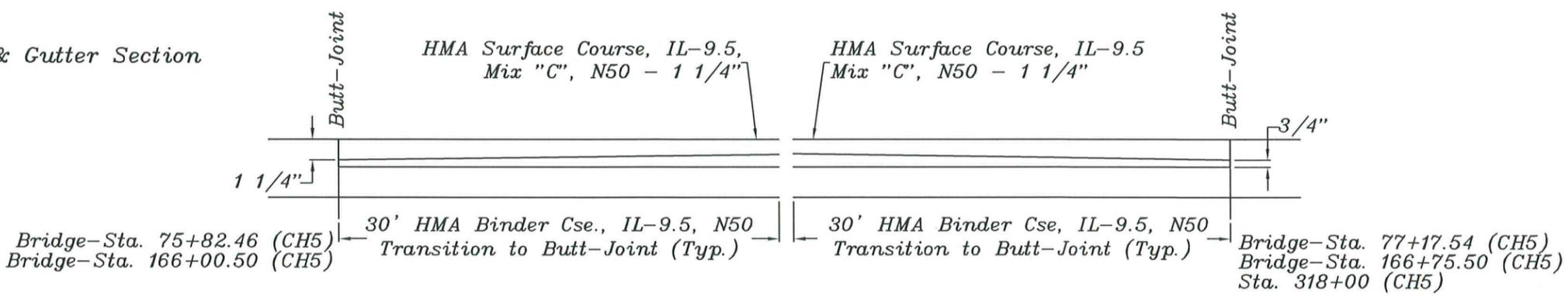
 HOT-MIX ASPHALT SURFACE REMOVAL, 2"



**SECTION 17-00039-08-RS
BUTT-JOINT DETAIL (TYPICAL FOR ALL STATIONS LISTED)**



**SECTION 17-00045-06-RS
BUTT-JOINT DETAIL (TYPICAL FOR ALL STATIONS LISTED)**



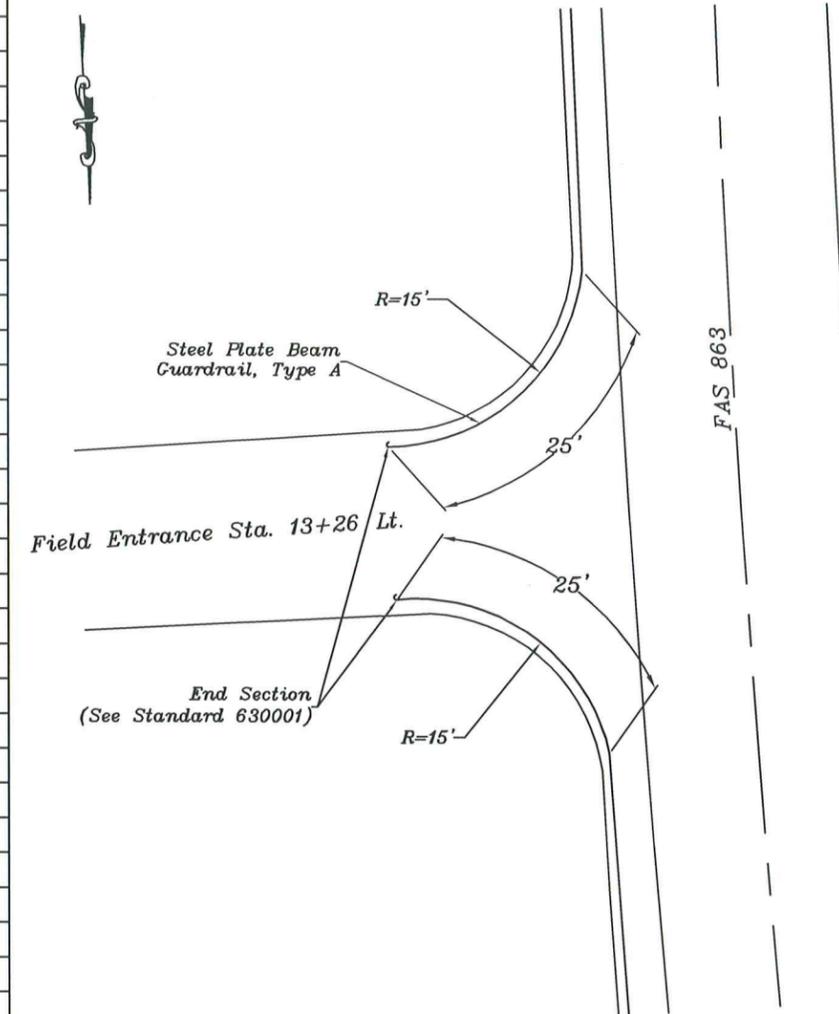
GUARDRAIL SCHEDULE

Section 17-00045-06-RS

| ROUTE | COUNTY | SECTION | SHEET/OF |
|--|----------|----------------|----------|
| FAS 863 | Randolph | 17-00039-08-RS | 5/6 |
| Contract No. 97765 | | | |
| Guardrail and Guardrail Removal Schedule and Class D Patches, Type IV, 9 Inch Schedule | | | |

| EXISTING GUARDRAIL TO BE REMOVED | | PROPOSED GUARDRAIL | | | |
|--|-----------|---|----------------------------------|-----------|------------|
| STATION | TOTAL FT. | STATION | DESCRIPTION | TOTAL FT. | TOTAL EACH |
| | | Sta. 8+87.5 To 9+37.5 Left | TBT T1 (Sp) | | 1 |
| | | Sta. 9+37.5 To 11+87.5 Left | SPBGR TY A | 250 | |
| Sta. 8+90 To 13+15 Left | 425 | Sta. 11+87.5 To 12+12.5 Left | Strong Post GDRL Att. to Culvert | 25 | |
| | | Sta. 12+12.5 To 13+00 Left | SPBGR TY A | *112.5 | |
| | | *(Includes 25' of Radius Rail starting @ Sta. 13+00) | | | |
| | | Sta. 13+55 To 19+92.5 Left | SPBGR TY A | *662.5 | |
| Sta. 13+40 To 19+65 Left | 625 | *(Includes 25' of Radius Rail ending @ Sta. 13+55) | | | |
| | | Sta. 19+92.5 To 20+42.5 Left | TBT T1 (Sp) | | 1 |
| | | Sta. 9+37.5 To 9+87.5 Right | TBT T1 (Sp) | | 1 |
| | | Sta. 9+87.5 To 11+87.5 Right | SPBGR TY A | 200 | |
| Sta. 9+42 To 19+42 Right | 1000 | Sta. 11+87.5 To 12+12.5 Right | Strong Post GDRL Att. to Culvert | 25 | |
| | | Sta. 12+12.5 To 19+00 Right | SPBGR TY A | 687.5 | |
| | | Sta. 19+00 To 19+50 Right | TBT T1 (Sp) | | 1 |
| | | Sta. 86+45 To 86+95 Right | TBT T1 (Sp) | | 1 |
| Sta. 86+45 To 93+20 Right | 675 | Sta. 86+95 To 92+70 Right | SPBGR TY A | 575 | |
| | | Sta. 92+70 To 93+20 Right | TBT T1 (Sp) | | 1 |
| | | Sta. 190+57 To 191+07 Right | TBT T1 (Sp) | | 1 |
| Sta. 190+57 To 193+32 Right | 275 | Sta. 191+07 To 192+82 Right | SPBGR TY A | 175 | |
| | | Sta. 192+82 To 193+32 Right | TBT T1 (Sp) | | 1 |
| | | Sta. 280+44 To 280+94 Right | TBT T1 (Sp) | | 1 |
| Sta. 280+44 To 285+94 Right | 550 | Sta. 280+94 To 285+44 Right | SPBGR TY A | 450 | |
| | | Sta. 285+44 To 285+94 Right | TBT T1 (Sp) | | 1 |
| | | Sta. 298+60 To 299+10 Left | TBT T1 (Sp) | | 1 |
| Sta. 298+67.50 To 300+55 Left | 187.5 | Sta. 299+10 To 300+10 Left | SPBGR TY A | 100 | |
| | | Sta. 300+10 To 300+35 Left | Strong Post GDRL Att. to Culvert | 25 | |
| | | Sta. 300+35 To 300+60 Left | TBT Type 1 | | 1 |
| | | Sta. 299+62.50 To 300+12.50 Right | TBT T1 (Sp) | | 1 |
| | | Sta. 300+12.50 To 300+25 Right | SPBGR TY A | 12.5 | |
| Sta. 299+69.50 To 301+57 Right | 187.5 | Sta. 300+25 To 300+50 Right | Strong Post GDRL Att. to Culvert | 25 | |
| | | Sta. 300+50 To 301+12.50 Right | SPBGR TY A | 62.5 | |
| | | Sta. 301+12.50 To 301+62.50 Right | TBT T1 (Sp) | | 1 |
| Total for all Guardrail Removal = 3,925 Foot | | Total for all SPBGR, Type A, 9 Foot Posts = 3,287.50 Foot | | | |
| | | Total for all Strong Post GDRL Attached to Culvert = 100 Foot | | | |
| | | Total for all TBT, Type 1 (Special) Tangent = 13 Each | | | |
| | | Total for all TBT, Type 1 = 1 Each | | | |

Section 17-00045-06-RS Guardrail Radius Detail



CLASS D PATCHES 9" SCHEDULE

Section 17-00045-06-RS

| STATION | DESCRIPTION | AREA/SQ YD | TYPE |
|--|-------------|------------|------|
| Sta. 131+40 To Sta. 132+10 Right Lane | 11' x 70' | 85.6 | IV |
| Total for Type IV Patches = 85.6 Sq. Yd. | | | |

PAINT PAVEMENT MARKING SCHEDULE

| LOCATION | LIMITS | LENGTH |
|----------|--------|--------|
|----------|--------|--------|

17-00039-08-RS

CH2 - From CH5 to CH19:

NO PASSING ZONES

| | | |
|-------------------------------|----------------------------|-----------|
| Left | Sta. 116+00 To Sta. 120+10 | 410 Ft. |
| Right | Sta. 132+00 To Sta. 142+26 | 966 Ft. |
| Left | Sta. 141+40 To Sta. 143+00 | 1,536 Ft. |
| <u>TOTAL NO PASSING ZONES</u> | | 2,912 Ft. |

SKIP DASH

| | |
|----------------------------|-----------|
| Sta. 116+00 To Sta. 141+40 | 2,540 Ft. |
| Sta. 142+26 To Sta. 143+00 | 74 Ft. |
| 2,614 Ft. @ 25%= | 654 Ft. |
| <u>TOTAL YELLOW LINE</u> | 3,566 Ft. |

EDGE LINE

| | |
|--------------------------------------|-----------|
| Lt. & Rt. Sta. 116+00 To Sta. 143+00 | 5,400 Ft. |
| (Excludes gap @ CH 19) | -135 Ft. |
| <u>TOTAL WHITE LINE</u> | 5,265 Ft. |

CH5 - From CH2 to TR 311:

NO PASSING ZONES

| | | |
|-------------------------------|--|------------|
| Right | Sta. 222+55 To Sta. 239+68 | 1,713 Ft. |
| Left | Sta. 231+90 To Sta. 250+83 | 1,893 Ft. |
| Right | Sta. 246+00 To Sta. 264+41.40(Bk.) | 1,842 Ft. |
| Right | Sta. 264+67.70(Ah.) To Sta. 281+58.30(Bk.) | 1,691 Ft. |
| Left | Sta. 257+15 To Sta. 264+41.40(Bk.) | 727 Ft. |
| Left | Sta. 264+67.70(Ah.) To Sta. 281+58.30(Bk.) | 1,691 Ft. |
| Right | Sta. 277+41.30(Ah.) To Sta. 298+02 | 2,061 Ft. |
| Left | Sta. 277+41.30(Ah.) To Sta. 308+76 | 3,135 Ft. |
| Right | Sta. 307+68 To Sta. 340+09.72 | 3,242 Ft. |
| Left | Sta. 318+84 To Sta. 340+09.72 | 2,126 Ft. |
| <u>TOTAL NO PASSING ZONES</u> | | 20,121 Ft. |

SKIP DASH

| | |
|----------------------------|------------|
| Sta. 220+60 To Sta. 231+90 | 1,130 Ft. |
| Sta. 239+68 To Sta. 246+00 | 632 Ft. |
| Sta. 250+83 To Sta. 257+15 | 632 Ft. |
| Sta. 298+02 To Sta. 307+68 | 966 Ft. |
| Sta. 308+76 To Sta. 318+84 | 1,008 Ft. |
| 4,368 Ft. @ 25%= | 1,092 Ft. |
| <u>TOTAL YELLOW LINE</u> | 21,213 Ft. |

EDGE LINE

| | |
|---|------------|
| Lt. & Rt. Sta. 220+60 To Sta. 264+41.40(Bk.) | 8,764 Ft. |
| Lt. & Rt. Sta. 264+67.70(Ah.) To Sta. 281+58.30(Bk.) | 3,382 Ft. |
| Lt. & Rt. Sta. 277+41.30(Ah.) To Sta. 340+09.72 | 12,538 Ft. |
| (Excludes gap @ St. Peter's Lutheran Church Entrance Rt.) | -65 Ft. |
| <u>TOTAL WHITE LINE</u> | 24,619 Ft. |

17-00039-08-RS

SUBTOTAL PAINT PAVEMENT MARKING LINE 4"= 54,663 Ft.

PAINT PAVEMENT MARKING SCHEDULE

| LOCATION | LIMITS | LENGTH |
|----------|--------|--------|
|----------|--------|--------|

17-00045-06-RS

CH5 - From TR 311 to Illinis Route 3:

NO PASSING ZONES

| | | |
|-------------------------------|------------------------------------|------------|
| Right | Sta. 4+37.72 To Sta. 20+30 | 1,593 Ft. |
| Left | Sta. 4+37.72 To Sta. 31+38 | 2,701 Ft. |
| Right | Sta. 26+34 To Sta. 47+46.57(Bk.) | 2,113 Ft. |
| Left | Sta. 37+51 To Sta. 47+46.57(Bk.) | 996 Ft. |
| Right | Sta. 46+63.15(Ah.) To Sta. 64+06 | 1,743 Ft. |
| Left | Sta. 46+63.15(Ah.) To Sta. 78+24 | 3,161 Ft. |
| Right | Sta. 73+20 To Sta. 135+77.30(Bk.) | 6,258 Ft. |
| Left | Sta. 83+88 To Sta. 135+77.30(Bk.) | 5,190 Ft. |
| Right | Sta. 135+54.83(Ah.) To Sta. 146+14 | 1,060 Ft. |
| Left | Sta. 135+54.83(Ah.) To Sta. 156+96 | 2,142 Ft. |
| Right | Sta. 152+48 To Sta. 196+06.48(Bk.) | 4,359 Ft. |
| Left | Sta. 163+70 To Sta. 196+06.48(Bk.) | 3,237 Ft. |
| Right | Sta. 196+71.07(Ah.) To Sta. 205+48 | 877 Ft. |
| Left | Sta. 196+71.07(Ah.) To Sta. 216+75 | 2,004 Ft. |
| Right | Sta. 221+88 To Sta. 286+16 | 6,428 Ft. |
| Left | Sta. 233+24 To Sta. 260+00 | 2,676 Ft. |
| Left | Sta. 269+02 To Sta. 288+16.67(Bk.) | 1,915 Ft. |
| Left | Sta. 288+07.60(Ah.) To Sta. 295+64 | 757 Ft. |
| Right | Sta. 291+10 To Sta. 305+90 | 1,480 Ft. |
| Left | Sta. 301+88 To Sta. 314+48.14(Bk.) | 1,261 Ft. |
| Left | Sta. 314+47.24(Ah.) To Sta. 316+64 | 217 Ft. |
| <u>TOTAL NO PASSING ZONES</u> | | 52,168 Ft. |

SKIP DASH

| | |
|------------------------------------|------------|
| Sta. 20+30 To Sta. 26+34 | 604 Ft. |
| Sta. 31+38 To Sta. 37+51 | 613 Ft. |
| Sta. 64+06 To Sta. 73+20 | 914 Ft. |
| Sta. 78+24 To Sta. 83+88 | 564 Ft. |
| Sta. 146+14 To Sta. 152+48 | 634 Ft. |
| Sta. 156+96 To Sta. 163+70 | 674 Ft. |
| Sta. 205+48 To Sta. 233+24 | 2,776 Ft. |
| Sta. 260+00 To Sta. 269+02 | 902 Ft. |
| Sta. 286+16 To Sta. 288+16.67(Bk.) | 201 Ft. |
| Sta. 288+07.60(Ah.) To Sta. 291+10 | 303 Ft. |
| Sta. 295+64 To Sta. 301+88 | 624 Ft. |
| Sta. 305+90 To Sta. 314+48.14(Bk.) | 859 Ft. |
| Sta. 314+47.24(Ah.) To Sta. 318+00 | 353 Ft. |
| 10,021 Ft. @ 25%= | 2,506 Ft. |
| <u>TOTAL YELLOW LINE</u> | 54,674 Ft. |

EDGE LINE

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| Lt. & Rt. Sta. 4+37.72 To Sta. 47+46.57(Bk.) | 8,618 Ft. |
| Lt. & Rt. Sta. 46+63.15(Ah.) To Sta. 135+77.30(Bk.) | 17,628 Ft. |
| Lt. & Rt. Sta. 135+54.83(Ah.) To Sta. 196+06.48(Bk.) | 12,103 Ft. |
| Lt. & Rt. Sta. 196+71.07(Ah.) To Sta. 288+16.67(Bk.) | 18,291 Ft. |
| Lt. & Rt. Sta. 288+07.60(Ah.) To Sta. 314+48.14(Bk.) | 5,281 Ft. |
| Lt. & Rt. Sta. 314+47.24(Ah.) To Sta. 318+00 | 706 Ft. |
| (Excludes 4 gaps @ Sideroads Lt.) | -323 Ft. |
| (Excludes 5 gaps @ Sideroads Rt.) | -339 Ft. |
| <u>TOTAL WHITE LINE</u> | 61,965 Ft. |

17-00045-06-RS

SUBTOTAL PAINT PAVEMENT MARKING LINE 4"= 116,639 Ft.

17-00039-08-RS & 17-00045-06-RS

TOTAL PAINT PAVEMENT MARKING LINE 4"= 171,302 Ft.