

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|-----------------|--------------|-----------|
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 1 |

CONTRACT NO. 98942

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 332 (US 45)
SECTION: (29, 29X) RS-2
PROJECT: NHF-0332 (082)
GALLATIN & SALINE COUNTIES
C-99-005-06

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|--|
| 1 | COVER SHEET |
| 2 | LISTING OF APPLICABLE HIGHWAY STANDARDS GENERAL NOTES, MIXTURE REQUIREMENTS |
| 3 - 4 | SUMMARY OF QUANTITIES |
| 5 - 7 | TYPICAL SECTIONS |
| 8 - 11 | SCHEDULES OF QUANTITIES |
| 12 | PAVEMENT MARKING DETAIL |
| 13 | BUTT JOINT & TRANSITION DETAILS |
| 14 | SIDEROAD & ENTRANCE DETAILS |
| 15 | TEMPORARY BITUMINOUS CONCRETE TRANSITIONS DETAILS "ROUGH GROOVED SURFACE" SIGN "UNEVEN PAVEMENT" SIGN HIGHWAY STANDARDS |

STATION EQUATIONS

STA 477+06.2 @ BK = STA 459A+59.2 @ AH
STA 477A+00.0 @ BK = STA 477+00.0 @ AH

TOWNSHIPS

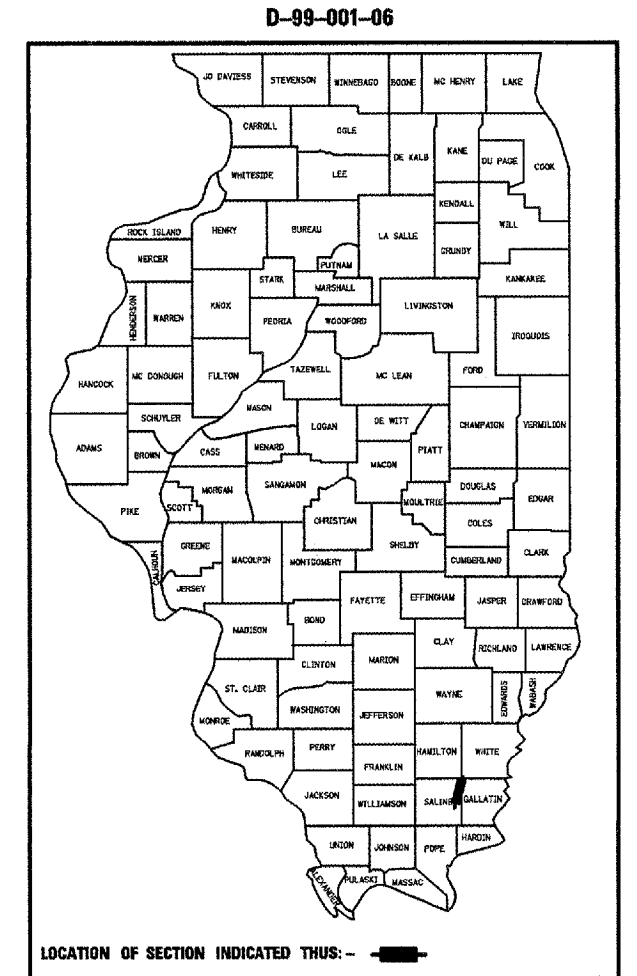
ELDORADO
RECTOR
OMAHA

TRAFFIC DATA

US 45 NORTHBOUND AND SOUTHBOUND LANES
US 45: 2003 ADT = 8400 WITH 11% TRUCKS

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 or www.juliecall.com

CONTRACT NO. 98942



SALINE / GALLATIN
COUNTY LINE
STA 763+00

PROJECT ENDS
STA 826+17.0

BRIDGE OMISSION
S.N. 083-0001
STA 720+12 TO
STA 722+34

S.N. 083-0002
STA 704+60.8

DOUBLE BOX CULVERT
S.N. 083-2000
STA 627+56.5

PAVING OMISSION
STA 598+38.5 TO
STA 676+84.0

EQ STA 477A+00.0 BK=
STA 477+00.0 AH

PROJECT BEGINS
STA 395+00.0

EQ STA 477+06.2 BK=
STA 459A+59.2 AH

APPROXIMATE SCALE
0 1 ML 2 ML

GROSS LENGTH OF PROJECT = 44,864.5 FT = 8.50 MILES
NET LENGTH OF PROJECT = 36,797 FT = 6.97 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 9, 2006
May C. Lammie
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 30, 2006
Mike Hene
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2006
Milton R. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: CHARLES STEIN
SQUAD LEADER: TERRY MILLER
(618) 549-2171
CENTRISX 782-4654

GENERAL NOTES

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

ALL BITUMINOUS CONCRETE
2.016 TONS/CU. YD.

BITUMINOUS MATERIALS:

ALL AGGREGATE
2.05 TONS/CU. YD.

ON PAVEMENT
0.09 GAL./SQ. YD.

RIPRAP
1.50 TONS/CU. YD.

INTERMEDIATE LIFTS (FOG COAT)
0.04 GAL./SQ. YD.

AGGREGATE (PRIME COAT)
0.0015 TONS/SQ. YD.

ON AGGREGATE SURFACE
0.32 GAL./SQ. YD.

1. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
2. THE QUANTITY SHOWN FOR MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS IS AN ESTIMATE. THE ACTUAL AMOUNT USED WILL BE DETERMINED BY THE ENGINEER.
3. THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED BITUMINOUS SURFACE AT 300 FT. INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
4. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT., THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.
5. THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.
6. THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION FOR THE SURFACE REMOVAL, ONE APPLICATION FOR THE BINDER COURSE AND ONE APPLICATION FOR THE SURFACE COURSE AT THE RATE OF 4 FEET IN 40 FEET.
7. PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT. ADDITIONALLY, THE DISTRICT 19 ILLINOIS STATE POLICE HEADQUARTERS, BASED IN CARMI, PHONE NO. 618-382-4606 SHALL BE NOTIFIED AT LEAST 2 WEEKS PRIOR TO PLACEMENT OF THE AIR SPEED CHECK MARKINGS (NOTED AS THERMOPLASTIC PAVEMENT MARKING LINE 24" IN THE PAVEMENT MARKING SCHEDULE).
8. SAW CUTS MADE AT THE JOINTS AT STATION 395+00 AND THE FOURTH STREET SIDEROADS SHALL BE INCLUDED IN THE BITUMINOUS SURFACE REMOVAL 1 1/2" COST. ALL OTHER SAW CUTS SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.
9. ANY MIXING OR PLACEMENT OF BITUMINOUS MIXTURES OCCURRING PRIOR TO THE TEST STRIP EVALUATION IS AT THE CONTRACTOR'S OWN RISK.
10. QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.
11. EXISTING CURB AND GUTTER DAMAGED OR DESTROYED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE IN A MANNER SATISFACTORY TO THE ENGINEER.
12. IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.
13. BASED ON STRUCTURAL ANALYSIS, APPROVAL HAS BEEN GRANTED FOR A MATERIAL TRANSFER DEVICE TO CROSS STRUCTURES 083-0001 & 083-2000 WHILE LOADED AND STRUCTURE 083-0002 WHILE UNLOADED.

MIXTURE REQUIREMENTS

| | |
|---|---|
| LOCATION(S): | BITUMINOUS SURFACE COURSE |
| MIXTURE USE(S): | POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90 |
| AC/PG: | SBS PG70-22 |
| RAP % (MAX): | 0 |
| DESIGN AIR VOIDS: | 4.0%, 90 GYRATION SUPERPAVE DESIGN |
| MIXTURE COMPOSITION (GRADATION MIXTURE) | IL-9.5 mm OR IL-12.5 mm |
| FRICTION AGGREGATE: | D SURFACE |

| | |
|---|---|
| LOCATION(S): | INCIDENTAL BITUMINOUS SURFACING AND LEVELING BINDER |
| MIXTURE USE(S): | BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N90 |
| AC/PG: | PG64-22 |
| RAP % (MAX): | 10 |
| DESIGN AIR VOIDS: | 4.0%, 90 GYRATION SUPERPAVE DESIGN |
| MIXTURE COMPOSITION (GRADATION MIXTURE) | IL-9.5 mm OR IL-12.5 mm |
| FRICTION AGGREGATE: | C SURFACE |

| | |
|---|--|
| LOCATION(S): | CLASS D PATCHING |
| MIXTURE USE(S): | BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N90, IL-19.0 |
| AC/PG: | PG64-22 |
| RAP % (MAX): | 10 |
| DESIGN AIR VOIDS: | 4.0%, 90 GYRATION SUPERPAVE DESIGN |
| MIXTURE COMPOSITION (GRADATION MIXTURE) | IL-19.0 |
| FRICTION AGGREGATE: | NONE |

| | |
|-----------------|-------------------------------------|
| LOCATION(S): | BITUMINOUS MATERIALS (PRIME COAT) |
| MIXTURE USE(S): | POLYMER MODIFIED EMULSIFIED ASPHALT |
| REQUIREMENTS: | SS-1HP OR CSS-1HP |

COMMITMENTS

NONE

STRUCTURES WITHIN PROJECT LIMITS

| Structure No. | Operating Rating | Inventory Rating | Posting |
|---------------|------------------|------------------|---------|
| 083-0001 | 40.6 | 22.2 | NONE |
| 083-0002 | 31.7 | 27.8 | NONE |
| 083-2000 | 30.4 | 13.1 | NONE |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
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| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 2 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 98942 | | | | |

STANDARDS

| | |
|-----------|-----------|
| 000001-04 | 701336-04 |
| 442201-01 | 701501-03 |
| 701011-01 | 701502 |
| 701301-02 | 702001-08 |
| 701306-01 | 780001-01 |
| 701311-02 | 781001-02 |
| 635006-02 | |
| 635011-01 | |

Prepared By:

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DISTRICT LAND ACQUISITION ENGINEER

Examined By:

Cornie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:

J. Smothers
DISTRICT OPERATIONS ENGINEER

Examined By:

Grayson Lewis
DISTRICT CONSTRUCTION ENGINEER

Examined By:

Bruce W. DeBles
DISTRICT MATERIALS ENGINEER

Examined By:

J. Smothers
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

Danah Clayton
ASSISTANT REGIONAL ENGINEER

Approved By:

May C Lami
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DATE *May 16* 2006

PLOT DATE = 3/24/2006
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\Plans.dgn
 PLOT SCALE = 108.4337' / IN.
 USER NAME = schweizer-kb

Rev.

| | | | | |
|-----------------------|----------------|-----------------|------------------|----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 3 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |

CONTRACT NO. 98942

SUMMARY OF QUANTITIES

| CODE NUMBER | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | NHS-URBAN-STATE | NHS-RURAL-STATE | NHS-RURAL-STATE | NHS-RURAL-STATE |
|-------------|---|--------|----------------|-----------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| | | | | 80% FED / 20% STATE SALINE COUNTY | 80% FED / 20% STATE SALINE COUNTY | 80% FED / 20% STATE GALLATIN COUNTY | 80% FED / 20% STATE SALINE COUNTY |
| | | | | 1000 QUANTITY | 1000 QUANTITY | 1000 QUANTITY | SFTY-2A QUANTITY |
| X0322729 | MATERIAL TRANSFER DEVICE | TON | 8903 | 2468 | 4947 | 1488 | |
| X4066528 | POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90 | TON | 8903 | 2468 | 4947 | 1488 | |
| X7015000 | CHANGEABLE MESSAGE SIGN | CAL MO | 1 | 0.5 | | 0.5 | |
| 35102000 | AGGREGATE BASE COURSE TYPE B, 8" | SQ YD | 637 | 162 | 185 | 290 | |
| 40600105 | BITUMINOUS MATERIALS (PRIME COAT), SPECIAL | GALLON | 13754 | 3610 | 7734 | 2410 | |
| 40600300 | AGGREGATE (PRIME COAT) | TON | 161 | 45 | 89 | 27 | |
| 40600400 | MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS | TON | 14 | 3.6 | 8.0 | 2.4 | |
| X40600775 | LEVELING BINDER (MACHINE METHOD), SUPERPAVE N90 | TON | 4087 | 904 | 2450 | 733 | |
| 40600895 | CONSTRUCTING TEST STRIP | EACH | 2 | | 1 | 1 | |
| 40600980 | BITUMINOUS SURFACE REMOVAL - BUTT JOINT | SQ YD | 1474 | 506 | 736 | 232 | |
| 40600990 | TEMPORARY RAMP | SQ YD | 380 | 157 | 145 | 78 | |
| 40800040 | INCIDENTAL BITUMINOUS SURFACE | TON | 256 | 104 | 85 | 67 | |
| 44000002 | BITUMINOUS SURFACE REMOVAL 1/2" | SQ YD | 97533 | 21551 | 58490 | 17492 | |
| 44000006 | BITUMINOUS SURFACE REMOVAL 1 1/2" | SQ YD | 7881 | 7881 | | | |
| 44000030 | BITUMINOUS SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 56 | 56 | | | |
| 44201785 | CLASS D PATCHES, TYPE I, 12 INCH | SQ YD | 449 | 140 | 240 | 69 | |
| 44201789 | CLASS D PATCHES, TYPE II, 12 INCH | SQ YD | 2554 | 677 | 1294 | 583 | |
| 44201794 | CLASS D PATCHES, TYPE III, 12 INCH | SQ YD | 53 | 53 | | | |
| 44201796 | CLASS D PATCHES, TYPE IV, 12 INCH | SQ YD | 159 | | 98 | 61 | |
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 2705 | 489 | 1816 | 400 | |
| * 63000000 | STEEL PLATE BEAM GUARDRAIL, TYPE A | FOOT | 400 | | | | 400 |
| * 63100045 | TRAFFIC BARRIER TERMINAL, TYPE 2 | EACH | 4 | | | | 4 |
| * 63100167 | TRAFFIC BARRIER TERMINAL TYPE I, SPECIAL (TANGENT) | EACH | 6 | | | | 6 |
| 63200310 | GUARDRAIL REMOVAL | FOOT | 250 | | | | 250 |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 9 | 2 | 6 | 1 | |
| 67100100 | MOBILIZATION | L SUM | 1 | 0.3 | 0.5 | 0.2 | |

PLOT DATE = 5/18/2006
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\plans.dgn
 PLOT SCALE = 100.4337' / IN.
 USER NAME = thomashf

| | | | | |
|-----------------------|----------------|-----------------|------------------|----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 4 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |

CONTRACT NO. 98942

SUMMARY OF QUANTITIES

| CODE NUMBER | ITEM DESCRIPTION | UNIT | TOTAL QUANTITY | NHS-URBAN-STATE | NHS-RURAL-STATE | NHS-RURAL-STATE | NHS-RURAL-STATE |
|-------------|--|----------|----------------|---------------------|---------------------|---------------------|---------------------|
| | | | | 80% FED / 20% STATE | 80% FED / 20% STATE | 80% FED / 20% STATE | 80% FED / 20% STATE |
| | | | | SALINE COUNTY | SALINE COUNTY | GALLATIN COUNTY | SALINE COUNTY |
| | | | | 1000 QUANTITY | 1000 QUANTITY | 1000 QUANTITY | SFTY-2A QUANTITY |
| 70100460 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 | L SUM | 1 | | 0.5 | 0.5 | |
| 70100600 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701336 | L SUM | 1 | | 0.5 | 0.5 | |
| 70102620 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1 | 1 | | | |
| 70102622 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701502 | L SUM | 1 | 1 | | | |
| 70300100 | SHORT-TERM PAVEMENT MARKING | FOOT | 11833 | 3539 | 6399 | 1895 | |
| 70300210 | TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS | sq. FOOT | 218 | 218 | | | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 97279 | 26384 | 50270 | 20625 | |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 254 | 254 | | | |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 121 | 89 | 32 | | |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SO FT | 33141 | 9445 | 16821 | 6875 | |
| * 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS | SO FT | 218 | 218 | | | |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 97279 | 26384 | 50270 | 20625 | |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 254 | 254 | | | |
| * 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 121 | 89 | 32 | | |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKERS | EACH | 535 | 189 | 267 | 79 | |
| * 78200420 | GUARDRAIL MARKERS, TYPE B | EACH | 10 | | | | 10 |
| * 78201000 | TERMINAL MARKERS - DIRECT APPLIED | EACH | 8 | | | | 8 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 535 | 189 | 267 | 79 | |

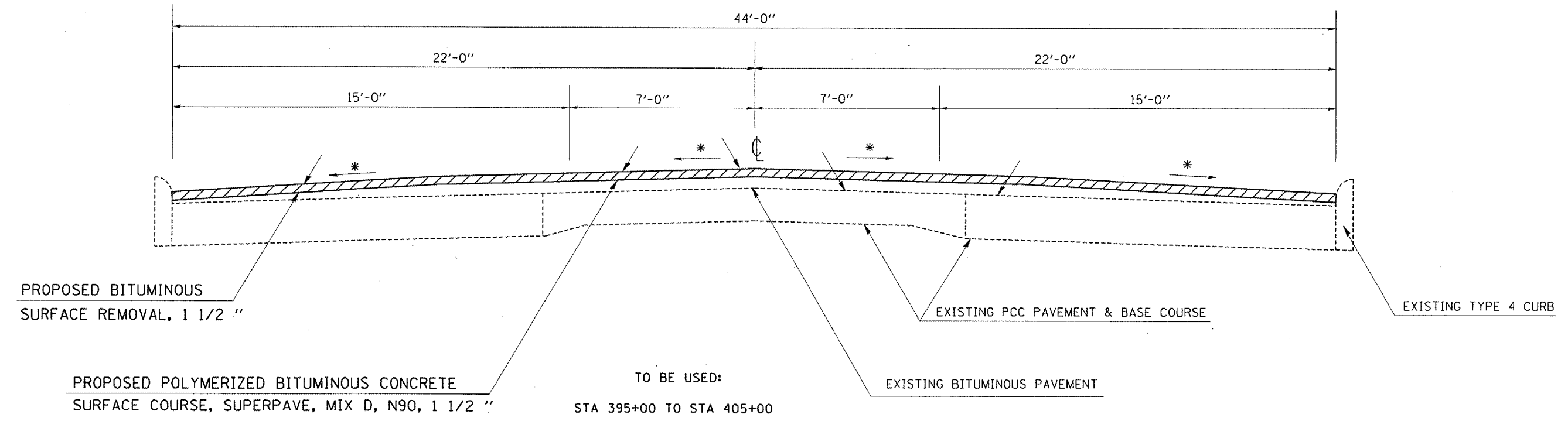
* SPECIALTY ITEMS

PLOT DATE = 5/18/2005
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 PLOT SCALE = 108.4337' / IN.
 USER NAME = thomashf

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
|-----------------------|----------------|-----------------|------------------|----------|
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 5 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 98942 | | | | |

TYPICAL SECTION #1

FA 332 (US 45)

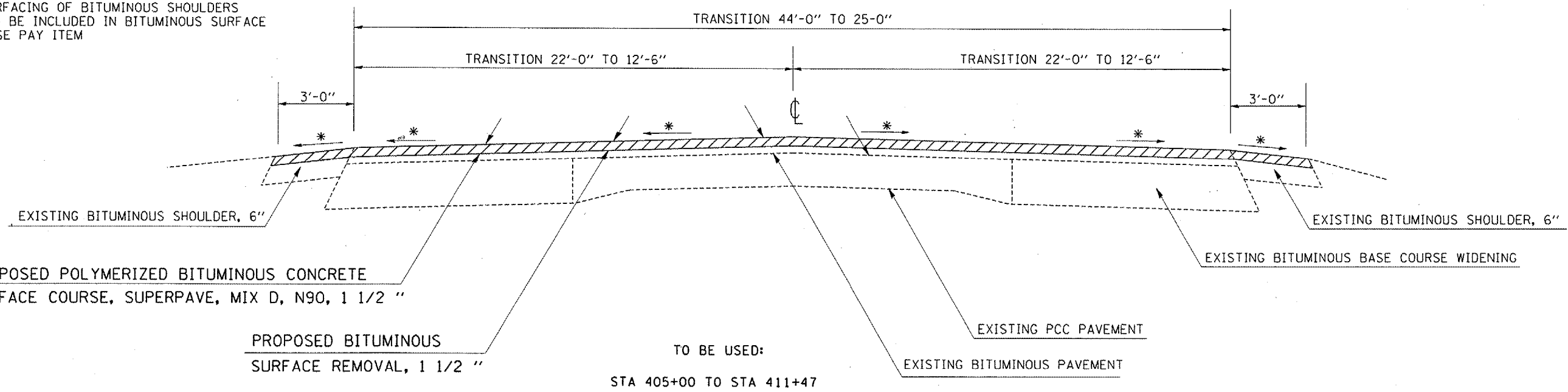


SEE PAVEMENT MARKING DETAIL FOR ADDITIONAL INFORMATION

TYPICAL SECTION #2

FA 332 (US 45)

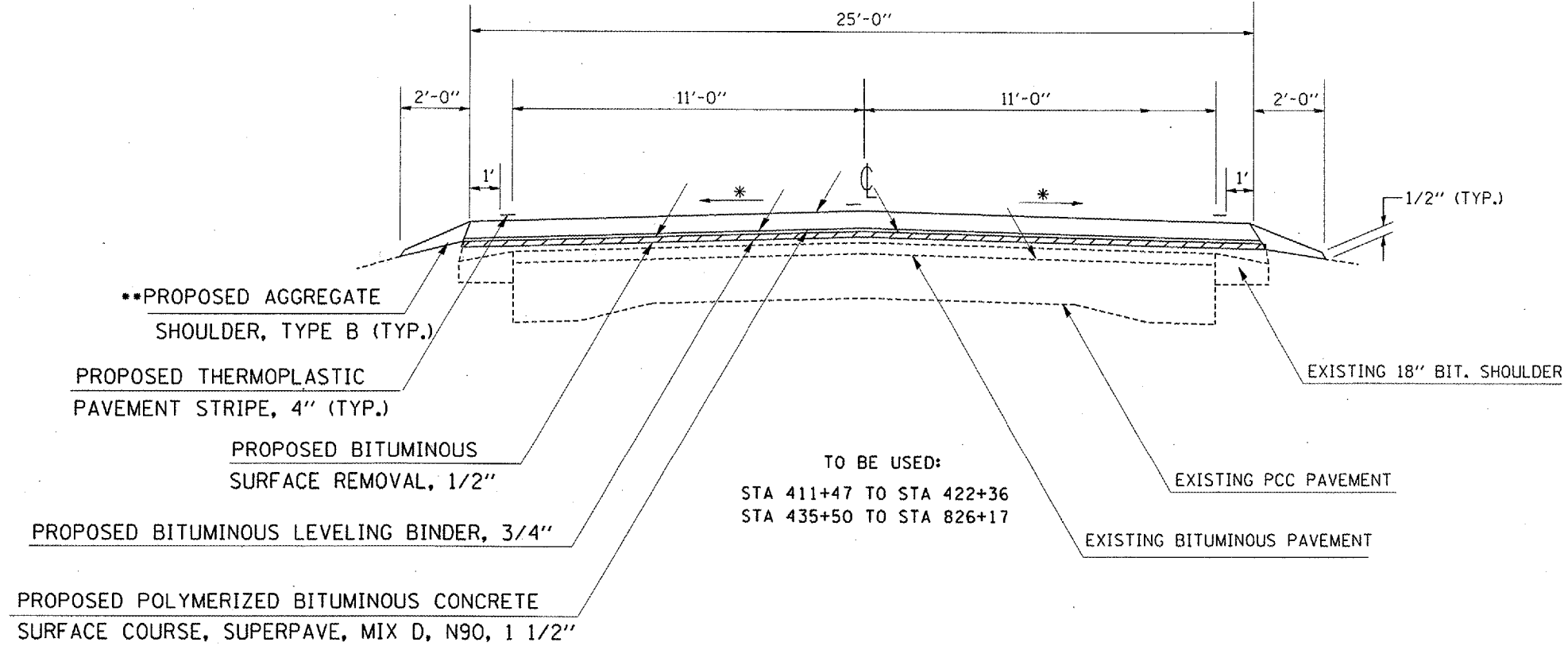
- * MATCH EXISTING CROSS SLOPE
- ** RESURFACING OF BITUMINOUS SHOULDERS IS TO BE INCLUDED IN BITUMINOUS SURFACE COURSE PAY ITEM



PLOT DATE = 5/11/2006
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 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = schweizerkb

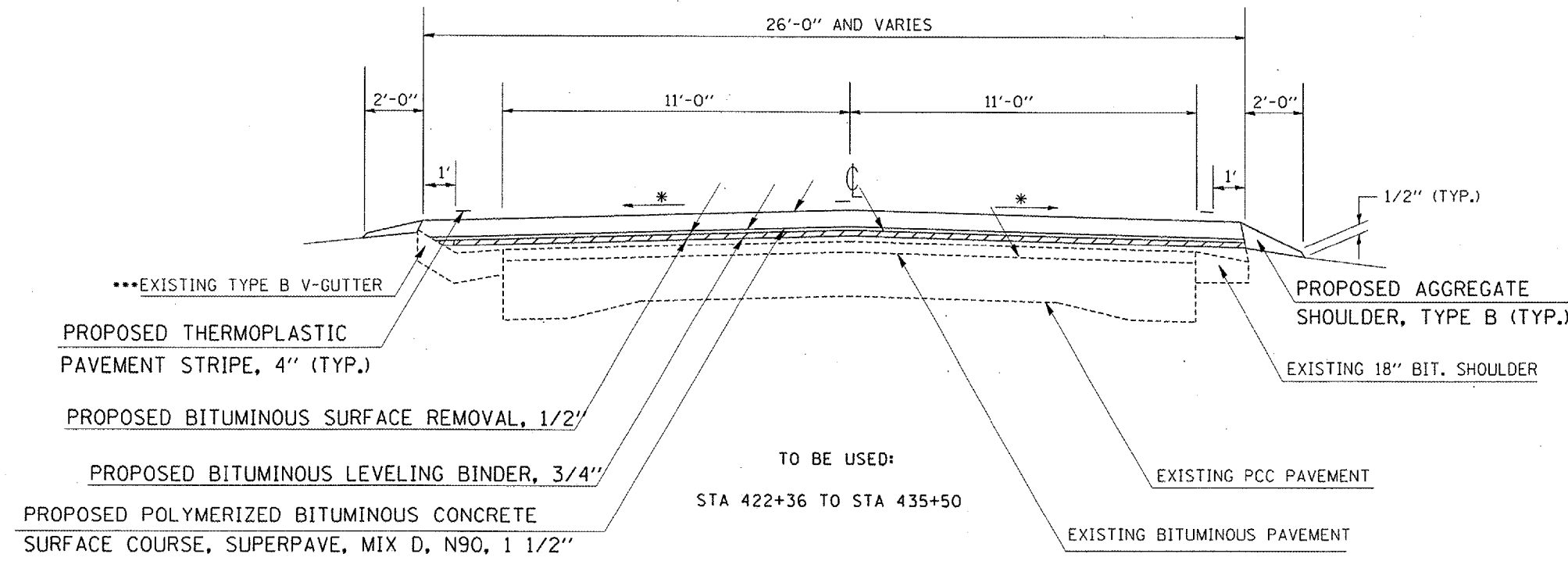
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|-----------------------|----------------|-----------------|------------------|----------|
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 6 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 98942 | | | | |

TYPICAL SECTION #3
FA 332 (US 45)



TO BE USED:
STA 411+47 TO STA 422+36
STA 435+50 TO STA 826+17

TYPICAL SECTION #4
FA 332 (US 45)



TO BE USED:
STA 422+36 TO STA 435+50

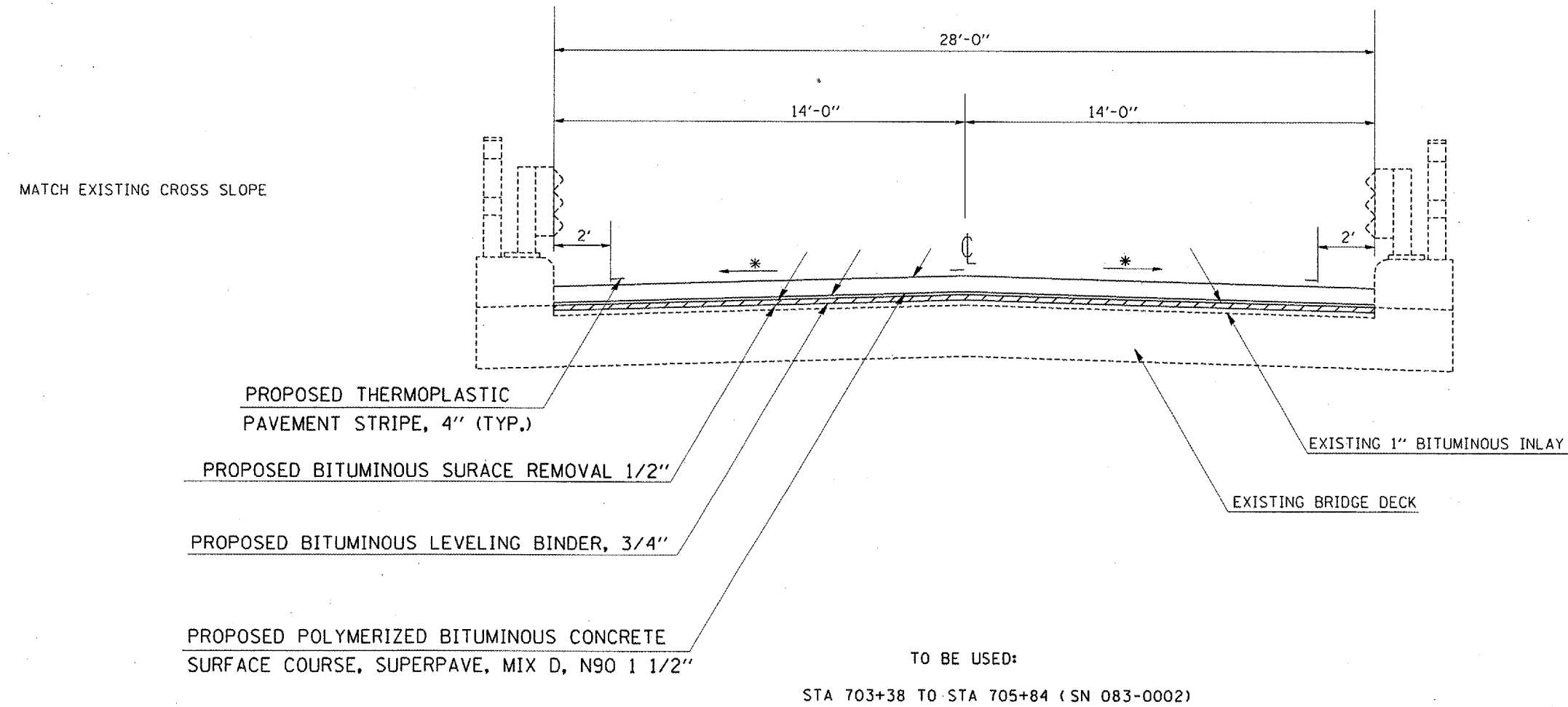
- * MATCH EXISTING CROSS SLOPE
- ** AGGREGATE SHOULDER SHALL BE PLACED THROUGH PAVING OMISSION AREA ALSO
- *** REMOVE ALL LOOSE MATERIAL ON TOP OF V-GUTTER PRIOR TO RESURFACING. THIS WORK IS INCLUDED AS PART OF BITUMINOUS SURFACE REMOVAL 1/2"

PLOT DATE = 3/24/2006
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\Plans.dgn
 PLOT SCALE = 1/8"=1'-0" / IN.
 USER NAME = schweizerkb

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
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| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 7 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 98942 | | | | |

TYPICAL SECTION #5

FA 332 (US 45)



PLOT DATE = 3/24/2006
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\plans.dgn
 PLOT SCALE = 108.4338' / IN.
 USER NAME = schweizer-kb

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|-----------------------|----------------|-----------------|------------------|----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 8 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |

CONTRACT NO. 98942

RESURFACING SCHEDULE

| LOCATION STATION TO STATION | LENGTH (FT) | TYPICAL NUMBER | DESCRIPTION | ROADWAY WIDTH (FT) | ROADWAY AREA (SQ YD) | BITUMINOUS SURFACE REMOVAL 1/2" | BITUMINOUS SURFACE REMOVAL 1 1/2" | BITUMINOUS SURFACE REMOVAL - BUTT JOINT | BITUMINOUS SURFACE REMOVAL - VARIABLE DEPTH | TEMPORARY RAMP (SQ YD) | LEVELING BINDER, SUPERPAVE, N90, 3/4" | POLYMERIZED BITUMINOUS SURFACE COURSE, SUPERPAVE, MIX D, N90 | BITUMINOUS MATERIALS - PRIME COAT (GAL) | AGGREGATE PRIME COAT (TON) | AGGREGATE SHOULDER, TYPE B (TON) |
|--|----------------|----------------|-------------------------------|-----------------------|-------------------------|---------------------------------|-----------------------------------|---|---|---------------------------|---------------------------------------|--|--|-------------------------------|-------------------------------------|
| | | | | | | | | | | | | | | | |
| SALINE COUNTY - URBAN SECTION | | | | | | | | | | | | | | | |
| 395+00 TO 405+00 | 1000.0 | 1 | TYPICAL PAVING | 44.0 | 4888.9 | | | | | 24.4 | | 410.7 | 440.0 | 7.3 | |
| 405+00 TO 406+35 | 135.0 | 2 | WIDTH TRANSITION AVE. 40.5 | 607.5 | 607.5 | | | | | | | 51.0 | 54.7 | 0.9 | |
| 406+35 TO 411+47 | 512.0 | 2 | WIDTH TRANSITION AVE. 37.0 | 2104.9 | 2104.9 | | | | | | | 176.8 | 189.4 | 3.2 | |
| 411+47 TO 411+82 | 35.0 | 3 | DEPTH TRANSITION | 97.2 | 41.7 | | | | 55.6 | | | 8.2 | 8.8 | 0.1 | 2.2 |
| 411+82 TO 422+36 | 1054.0 | 3 | TYPICAL PAVING | 25.0 | 2927.8 | 2927.8 | | | | | 123.0 | 246.0 | 380.6 | 4.4 | 66.7 |
| 422+36 TO 435+50 | 1314.0 | 4 | TYPICAL PAVING | 26.0 | 3796.0 | 3796.0 | | | | | 159.5 | 318.9 | 493.5 | 5.7 | 83.1 |
| 435+50 TO 477+06 | 4156.0 | 3 | TYPICAL PAVING | 25.0 | 11544.4 | 11544.4 | | | | | 484.9 | 969.9 | 1500.8 | 17.3 | 263.0 |
| 477+06 = 459A+59.2 | | | STATION EQUATION | | | | | | | | | | | | |
| 459A+59.2 TO 471A+26 | 1166.8 | 3 | TYPICAL PAVING | 25.0 | 3241.1 | 3241.1 | | | | | 136.1 | 272.3 | 421.3 | 4.9 | 73.8 |
| SUBTOTAL - URBAN | 9372.8 | | | | | 21551.0 | 7601.3 | 0.0 | 55.6 | 24.4 | 903.5 | 2453.8 | 3489.1 | 43.8 | 488.8 |
| SALINE COUNTY - RURAL SECTION | | | | | | | | | | | | | | | |
| 471A+26 TO 477A+00 | 574.0 | 3 | TYPICAL PAVING | 25.0 | 1594.4 | 1594.4 | | | | | | 67.0 | 134.0 | 2.4 | 36.3 |
| 477A+00 = 477+00 | | | STATION EQUATION | | | | | | | | | | | | |
| 477+00 TO 598+04 | 12104.0 | 3 | TYPICAL PAVING | 25.0 | 33622.2 | 33622.2 | | | | | 1412.3 | 2824.7 | 4370.9 | 50.4 | 765.8 |
| 598+04 TO 598+39 | 35.0 | 3 | BUTT JOINT | 25.0 | 97.2 | 41.7 | | | 55.6 | 13.9 | | 8.2 | 8.8 | 0.1 | 2.2 |
| 598+39 TO 676+84 | 7845.0 | | *PAVING OMISSION | | | | | | | | | | | | 496.4 |
| 676+84 TO 677+19 | 35.0 | 3 | BUTT JOINT | 25.0 | 97.2 | 41.7 | | | 55.6 | 13.9 | | 8.2 | 8.8 | 0.1 | 2.2 |
| 677+19 TO 703+38 | 2619.0 | 3 | TYPICAL PAVING | 25.0 | 7275.0 | 7275.0 | | | | | 305.6 | 611.2 | 945.8 | 10.9 | 165.7 |
| 703+38 TO 705+84 | 246.0 | 5 | SN 083-0002 | 28.0 | 765.3 | 765.3 | | | | | 32.1 | 64.3 | 99.5 | 1.1 | |
| 705+84 TO 719+77 | 1393.0 | 3 | TYPICAL PAVING | 25.0 | 3869.4 | 3869.4 | | | | | 162.5 | 325.1 | 503.0 | 5.8 | 88.1 |
| 719+77 TO 720+12 | 35.0 | 3 | BUTT JOINT | 25.0 | 97.2 | 41.7 | | | 55.6 | 13.9 | | 8.2 | 8.8 | 0.1 | 2.2 |
| 720+12 TO 722+34 | 222.0 | | BRIDGE OMISSION (SN 083-0001) | | | | | | | | | | | | |
| 722+34 TO 722+69 | 35.0 | 3 | BUTT JOINT | 25.0 | 97.2 | 41.7 | | | 55.6 | 13.9 | | 8.2 | 8.8 | 0.1 | 2.2 |
| 722+69 TO 763+00 | 4031.0 | 3 | TYPICAL PAVING | 25.0 | 11197.2 | 11197.2 | | | | | 470.4 | 940.7 | 1455.6 | 16.6 | 255.0 |
| SUBTOTAL - SALINE CO. RURAL | 21107.0 | | | | | 58490.3 | 0.0 | 222.2 | 0.0 | 55.6 | 2450.0 | 4932.6 | 7617.1 | 88.1 | 1816.3 |
| GALLATIN COUNTY - RURAL SECTION | | | | | | | | | | | | | | | |
| 763+00 TO 825+82 | 6282.0 | 3 | TYPICAL PAVING | 25.0 | 17450.0 | 17450.0 | | | | | 733.0 | 1466.0 | 2268.5 | 26.2 | 397.5 |
| 825+82 TO 826+17 | 35.0 | 3 | BUTT JOINT | 25.0 | 97.2 | 41.7 | | | 55.6 | 13.9 | | 8.2 | 8.8 | 0.1 | 2.2 |
| SUBTOTAL - GALLATIN CO. RURAL | 6317.0 | | | | | 17491.7 | 0.0 | 55.6 | 0.0 | 13.9 | 733.0 | 1474.2 | 2277.3 | 26.3 | 399.7 |
| TOTALS | | | | | | 97533 | 7601 | 278 | 56 | 94 | 4087 | 8861 | 13383 | 158 | 2705 |

EXTRA AGGREGATE SHOULDER QUANTITY WAS CALCULATED TO ALLOW FOR FILLING LOW SHOULDER AREAS, FIELD ENTRANCES, AND HOLES AROUND SIDEROADS WHERE NEEDED.

*AGGREGATE SHOULDER SHALL BE PLACED IN PAVING OMISSION AREA ALSO

PLOT DATE = 5/18/2006
 FILE NAME = C:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-ElDorado\Plans\Plans.dgn
 PLOT SCALE = 108.4337' / IN.
 USER NAME = thomasf

| | | | | |
|-----------------------|----------------|-----------------|------------------|----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 9 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 98942 | | | | |

SIDEROAD SCHEDULE

| SIDEROAD | STATION | | EXISTING SURFACE TYPE | EOP WIDTH (FT) | 15' OFFSET WIDTH (FT) | AREA (SQ YD) | BITUMINOUS SURFACE REMOVAL 1 1/2" (SQ YD) | BITUMINOUS SURFACE REMOVAL - BUTT JOINT (SQ YD) | BITUMINOUS MATERIALS PRIME COAT (GAL) | AGGREGATE PRIME COAT (TON) | INCIDENTAL BITUMINOUS SURFACE (TON) | TEMPORARY RAMP (SQ YD) |
|--|---------|-------|-----------------------|----------------|-----------------------|--------------|---|---|---------------------------------------|----------------------------|-------------------------------------|------------------------|
| | (FT) | LT/RT | | | | | | | | | | |
| SALINE COUNTY - URBAN SECTION | | | | | | | | | | | | |
| FOURTH STREET | 400+74 | RT | BIT | 130 | 43 | 144.2 | 144.2 | | 13.0 | 0.2 | 12.1 | 26.7 |
| FOURTH STREET | 400+74 | LT | BIT | 130 | 33 | 135.8 | 135.8 | | 12.2 | 0.2 | 11.4 | 26.7 |
| JEFFERSON ST | 413+77 | RT | BIT | 50 | 21 | 59.2 | | 59.2 | 5.3 | 0.1 | 6.2 | 7.0 |
| JEFFERSON ST | 413+77 | LT | BIT | 50 | 21 | 59.2 | | 59.2 | 5.3 | 0.1 | 6.2 | 7.0 |
| GROVE ST | 418+74 | LT | BIT | 55 | 25 | 66.7 | | 66.7 | 6.0 | 0.1 | 7.0 | 8.3 |
| POPLAR ST | 419+72 | RT | BIT | 65 | 30 | 79.2 | | 79.2 | 7.1 | 0.1 | 8.3 | 10.0 |
| ADAMS ST | 421+60 | RT | BIT | 64 | 30 | 78.3 | | 78.3 | 7.1 | 0.1 | 8.2 | 10.0 |
| DEWEY RD | 435+15 | RT | BIT | 74 | 24 | 81.7 | | 81.7 | 7.4 | 0.1 | 8.6 | 8.0 |
| DEWEY RD | 435+15 | LT | BIT | 74 | 24 | 81.7 | | 81.7 | 7.4 | 0.1 | 8.6 | 8.0 |
| COOK ST | 469+17 | RT | O & C | 45 | 22 | 55.8 | | | 5.0 | 0.1 | 9.4 | 7.3 |
| ALEXANDER RD | 469+17 | LT | O & C | 85 | 42 | 105.8 | | | 9.5 | 0.2 | 17.8 | 14.0 |
| SUBTOTAL - SALINE CO. - URBAN | | | | | | | 280.0 | 505.8 | 85.3 | 1.4 | 103.8 | 133.0 |
| SALINE COUNTY - RURAL SECTION | | | | | | | | | | | | |
| GANDERTOWN RD | 486+00 | RT | BIT | 54 | 25 | 65.8 | | 65.8 | 5.9 | 0.1 | 6.9 | 8.3 |
| TWO MILE RD | 487+00 | RT | BIT | 45 | 27 | 60.0 | | 60.0 | 5.4 | 0.1 | 6.3 | 9.0 |
| COOK RD | 498+96 | RT | O & C | 45 | 20 | 54.2 | | | 4.9 | 0.1 | 9.1 | 6.7 |
| BOULAND RD | 498+96 | LT | BIT | 48 | 21 | 57.5 | | 57.5 | 5.2 | 0.1 | 6.0 | 7.0 |
| VAN GAMPLER RD | 560+72 | RT | BIT | 35 | 18 | 44.2 | | 44.2 | 4.0 | 0.1 | 4.6 | 6.0 |
| CARTER FARM RD | 560+72 | LT | BIT | 45 | 21 | 55.0 | | 55.0 | 5.0 | 0.1 | 5.8 | 7.0 |
| FLANDERS RD | 590+06 | RT | BIT | 66 | 31 | 80.8 | | 80.8 | 7.3 | 0.1 | 8.5 | 10.3 |
| UNTHANK RD | 590+06 | LT | AGG | 66 | 30 | 80.0 | | | 25.6 | 0.1 | 13.4 | 10.0 |
| TEXAS CITY RD | 677+16 | LT | BIT | 70 | 30 | 83.3 | | 83.3 | 7.5 | 0.1 | 8.8 | 10.0 |
| COTTONWOOD RD | 679+00 | RT | BIT | 54 | 27 | 67.5 | | 67.5 | 6.1 | 0.1 | 7.1 | 9.0 |
| GRUMLEY ACCESS RD | 763+00 | LT | O & C | 44 | 17 | 50.8 | | | 4.6 | 0.1 | 8.5 | 5.7 |
| SUBTOTAL - SALINE CO. - RURAL | | | | | | | 0.0 | 514.2 | 81.3 | 1.0 | 85.1 | 89.0 |
| GALLATIN COUNTY - RURAL SECTION | | | | | | | | | | | | |
| WASHINGTON RD | 774+00 | RT | BIT | 135 | 77 | 176.7 | | 176.7 | 15.9 | 0.3 | 18.6 | 25.7 |
| SHAIN CEMETARY | 777+25 | RT | O & C | 38 | 19 | 47.5 | | | 4.3 | 0.1 | 8.0 | 6.3 |
| SHAIN CEMETARY | 777+25 | LT | AGG | 78 | 38 | 96.7 | | | 30.9 | 0.1 | 16.2 | 12.7 |
| HAZEL RIDGE RD | 816+60 | RT | AGG | 60 | 30 | 75.0 | | | 24.0 | 0.1 | 12.6 | 10.0 |
| HAZEL RIDGE RD | 816+05 | LT | AGG | 58 | 27 | 70.8 | | | 22.7 | 0.1 | 11.9 | 9.0 |
| SUBTOTAL - GALLATIN CO. - RURAL | | | | | | | 0.0 | 176.7 | 97.8 | 0.7 | 67.3 | 63.7 |
| TOTAL | | | | | | | 280 | 1197 | 264 | 3 | 256 | 286 |

ENTRANCE SCHEDULE

| ENTRANCE TYPE | TOTAL NUMBER OF | WIDTH (FT) | AVERAGE LENGTH (FT) | AVERAGE AREA (SQ YD) | POLYMERIZED BITUMINOUS SURFACE COURSE, SUPERPAVE, MIX D, N90 (TON) | BITUMINOUS MATERIALS PRIME COAT (GAL) |
|---------------|-----------------|------------|---------------------|----------------------|--|---------------------------------------|
| | | | | | | |
| PRIVATE | 21 | 20 | 4 | 8.9 | 23.5 | 59.7 |
| FIELD | 10 | 15 | 4 | 6.7 | | |
| TOTALS | | | | | 42 | 107 |

PLOT DATE = 5/18/2006
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\plans.dgn
 PLOT SCALE = 108.4337' / IN.
 USER NAME = thomashf

| | | | | |
|-----------------------|----------------|-----------------|------------------|----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 10 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |

CONTRACT NO. 98942

PAVEMENT MARKING SCHEDULE

| LOCATION | | | LENGTH (FT) | THERMOPLASTIC PAVEMENT MARKING | | | | | | | SHORT TERM PAVEMENT MARKING (FT) | TEMP. PAVEMENT MARKING - LINE 4" (FT) | TEMP. PAVEMENT MARKING - LINE 12" (FT) | TEMP. PAVEMENT MARKING - LINE 24" (FT) | TEMP PAVEMENT MARKING - LETTERS & SYMBOLS (SQ FT) | WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT) | RAISED REFLECTIVE PAVEMENT MARKERS (EACH) | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH) |
|--------------------------------------|----|---------|----------------|--------------------------------------|--|-----------------------------------|--|---------------------------------------|---------------------------------------|---------------------------------|---|---|--|--|--|--|---|---|
| STATION | TO | STATION | | 4" YELLOW SKIP DASH (FT) | 4" SOLID YELLOW NO PASSING (FT) | 4" SOLID WHITE LINE (FT) | 12" SOLID YELLOW LINE (FT) | 12" SOLID WHITE LINE (FT) | 24" SOLID WHITE LINE (FT) | LETTERS & SYMBOLS (SQ FT) | | | | | | | | |
| SALINE COUNTY - URBAN SECTION | | | | | | | | | | | | | | | | | | |
| 395+00 | TO | 402+55 | 755 | 378 | 1510 | | | | | 62 | 604 | 1888 | | 62 | 692 | 38 | 38 | |
| 402+55 | TO | 405+22 | 267 | | 846 | 341 | 60 | 28 | | 36 | 191 | 1187 | 88 | 36 | 520 | 17 | 17 | |
| 405+22 | TO | 406+22 | 100 | | | | | 89 | | 42 | | | | 42 | 220 | | | |
| 406+22 | TO | 411+40 | 518 | | 1840 | 1100 | 92 | 74 | | 78 | 391 | 2940 | 166 | 78 | 1224 | 35 | 35 | |
| 411+40 | TO | 412+50 | 110 | | 220 | 220 | | | | | 66 | 440 | | | 147 | 4 | 4 | |
| 412+50 | TO | 422+06 | 956 | 239 | | 1912 | | | | | 287 | 2151 | | | 717 | 12 | 12 | |
| 422+06 | TO | 428+61 | 655 | 164 | 655 | 1310 | | | | | 197 | 2129 | | | 710 | 8 | 8 | |
| 428+61 | TO | 433+20 | 459 | | 918 | 918 | | | | | 138 | 1836 | | | 612 | 6 | 6 | |
| 433+20 | TO | 444+45 | 1125 | 282 | 1125 | 2250 | | | | | 338 | 3657 | | | 1219 | 14 | 14 | |
| 444+45 | TO | 477+06 | 3261 | 815 | | 6522 | | | | | 978 | 7337 | | | 2446 | 41 | 41 | |
| 477+06 | = | 459A+59 | | | | | | | | | | | | | | | | |
| 459A+59 | TO | 469A+33 | 974 | 244 | | 1948 | | | | | 292 | 2192 | | | 731 | 12 | 12 | |
| 469A+33 | TO | 471A+26 | 193 | 48 | 193 | 386 | | | | | 58 | 627 | | | 209 | 2 | 2 | |
| SUBTOTAL - SALINE CO. URBAN | | | | 2169 | 7307 | 16907 | 152 | 102 | 89 | 218 | 3539 | 26384 | 254 | 89 | 218 | 9445 | 189 | 189 |
| SALINE COUNTY - RURAL SECTION | | | | | | | | | | | | | | | | | | |
| 471A+26 | TO | 477A+00 | 574 | 144 | 574 | 1148 | | | | | 172 | 1866 | | | 622 | 7 | 7 | |
| 477A+00 | = | 477+00 | | | | | | | | | | | | | | | | |
| 477+00 | TO | 481+89 | 489 | 122 | | 978 | | | | | 147 | 1100 | | | 367 | 6 | 6 | |
| 481+89 | TO | 487+86 | 597 | 149 | 597 | 1194 | | | | | 179 | 1940 | | | 647 | 7 | 7 | |
| 487+86 | TO | 516+42 | 2856 | 714 | | 5712 | | | | | 857 | 6426 | | | 2142 | 36 | 36 | |
| 516+42 | TO | 522+18 | 576 | 144 | 576 | 1152 | | | | | 173 | 1872 | | | 624 | 7 | 7 | |
| 522+18 | TO | 528+15 | 597 | 149 | | 1194 | | | | | 179 | 1343 | | | 448 | 7 | 7 | |
| 528+15 | TO | 533+48 | 533 | 133 | 533 | 1066 | | | | | 160 | 1732 | | | 577 | 7 | 7 | |
| 533+48 | TO | 598+39 | 6491 | 1623 | | 12982 | | | 16 | | 1947 | 14605 | | 16 | 4900 | 81 | 81 | |
| 598+39 | TO | 676+84 | | | | | | | | | | | | | | | | |
| 676+84 | TO | 703+38 | 2654 | 664 | | 5308 | | | 16 | | 796 | 5972 | | 16 | 2023 | 33 | 33 | |
| 703+38 | TO | 722+34 | 1896 | 474 | | 3792 | | | | | 569 | 4266 | | | 1422 | 24 | 24 | |
| 722+34 | TO | 763+00 | 4066 | 1017 | | 8132 | | | | | 1220 | 9149 | | | 3050 | 51 | 51 | |
| SUBTOTAL - SALINE CO. RURAL | | | | 5332 | 2280 | 42658 | | | 32 | | 6399 | 50270 | | 32 | 16821 | 267 | 267 | |
| GALLATIN COUNTY | | | | | | | | | | | | | | | | | | |
| 763+00 | TO | 768+00 | 500 | 125 | | 1000 | | | | | 150 | 1125 | | | 375 | 6 | 6 | |
| 768+00 | TO | 773+00 | 500 | 125 | 500 | 1000 | | | | | 150 | 1625 | | | 542 | 6 | 6 | |
| 773+00 | TO | 775+40 | 240 | | 480 | 480 | | | | | 72 | 960 | | | 320 | 3 | 3 | |
| 775+40 | TO | 783+00 | 760 | 190 | 760 | 1520 | | | | | 228 | 2470 | | | 823 | 10 | 10 | |
| 783+00 | TO | 791+60 | 860 | 215 | | 1720 | | | | | 258 | 1935 | | | 645 | 11 | 11 | |
| 791+60 | TO | 802+80 | 1120 | 280 | 1120 | 2240 | | | | | 336 | 3640 | | | 1213 | 14 | 14 | |
| 802+80 | TO | 819+80 | 1700 | | 3400 | 3400 | | | | | 510 | 6800 | | | 2267 | 21 | 21 | |
| 819+80 | TO | 826+17 | 637 | 159 | 637 | 1274 | | | | | 191 | 2070 | | | 690 | 8 | 8 | |
| SUBTOTAL - GALLATIN CO. RURAL | | | | 1094 | 6897 | 12634 | | | | | 1895 | 20625 | | | 6875 | 79 | 79 | |
| TOTALS | | | | 8596 | 16484 | 72199 | 152 | 102 | 121 | 218 | 11833 | 97279 | 254 | 121 | 218 | 33141 | 535 | 535 |
| | | | | 97279 | | 254 | | | | | | | | | | | | |

NOTE: 24" AIR SPEED MARKINGS ARE TO BE REPLACED AT THE FOLLOWING STATIONS:

- STA. 556+80
 - STA. 563+40
 - STA. 706+80
 - STA. 713+40
- (SEE GENERAL NOTE 7)

PLOT DATE = 5/18/2006
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\plans.dgn
 PLOT SCALE = 1/8" = 100'
 USER NAME = thomashf

PLOT DATE = 5/18/2006
 FILE NAME = G:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\Plans.dgn
 PLOT SCALE = 108.4337' / IN.
 USER NAME = thomesht

PATCHING SCHEDULE

BASED ON PATCHING SURVEY PERFORMED ON 1/4/06 - FOR INFORMATIONAL PURPOSES ONLY

| MILEAGE BEGINS AT INTERSECTION OF 4TH ST. & US 45 AND CONTINUES NORTHERLY | CLASS D PAVEMENT PATCHING | | | | | | | |
|---|---------------------------|---------------|-------------|-------------|--------------|---------------|-------------|-------------|
| | TYPE I | | TYPE II | | TYPE III | | TYPE IV | |
| | (SQ YD) | (SQ YD) | (SQ YD) | (SQ YD) | (SQ YD) | (SQ YD) | (SQ YD) | (SQ YD) |
| MI. TO MI. | SBL | | | | NBL | | | |
| 0.0 TO 0.2 | 7.8 | 49.5 | 27.4 | 0.0 | 10.4 | 54.3 | 25.4 | 0.0 |
| 0.2 TO 0.4 | 2.0 | 53.2 | 0.0 | 0.0 | 15.5 | 24.7 | 0.0 | 0.0 |
| 0.4 TO 0.6 | 5.9 | 36.7 | 0.0 | 0.0 | 0.0 | 45.8 | 0.0 | 0.0 |
| 0.6 TO 0.8 | 8.1 | 42.8 | 0.0 | 0.0 | 4.4 | 36.7 | 0.0 | 0.0 |
| 0.8 TO 1.0 | 0.0 | 29.0 | 0.0 | 0.0 | 13.4 | 0.0 | 0.0 | 0.0 |
| 1.0 TO 1.2 | 5.9 | 48.9 | 0.0 | 0.0 | 12.7 | 29.0 | 0.0 | 0.0 |
| 1.2 TO 1.4 | 3.9 | 15.3 | 0.0 | 0.0 | 18.0 | 50.4 | 0.0 | 0.0 |
| 1.4 TO 1.6 | 5.4 | 30.6 | 0.0 | 0.0 | 12.5 | 22.9 | 0.0 | 0.0 |
| 1.6 TO 1.8 | 5.9 | 35.1 | 0.0 | 0.0 | 2.9 | 36.7 | 0.0 | 0.0 |
| 1.8 TO 2.0 | 12.7 | 27.5 | 0.0 | 0.0 | 10.8 | 45.8 | 0.0 | 0.0 |
| 2.0 TO 2.2 | 4.4 | 51.9 | 0.0 | 0.0 | 12.7 | 32.1 | 0.0 | 0.0 |
| 2.2 TO 2.4 | 9.8 | 18.3 | 0.0 | 0.0 | 7.3 | 13.8 | 0.0 | 0.0 |
| 2.4 TO 2.6 | 5.9 | 15.3 | 0.0 | 0.0 | 4.9 | 19.9 | 0.0 | 0.0 |
| 2.6 TO 2.8 | 6.8 | 18.3 | 0.0 | 0.0 | 0.0 | 24.4 | 0.0 | 0.0 |
| 2.8 TO 3.0 | 9.7 | 30.3 | 0.0 | 0.0 | 2.4 | 32.1 | 0.0 | 0.0 |
| 3.0 TO 3.2 | 6.8 | 27.5 | 0.0 | 0.0 | 2.9 | 32.1 | 0.0 | 0.0 |
| 3.2 TO 3.4 | 21.5 | 36.7 | 0.0 | 0.0 | 5.9 | 41.3 | 0.0 | 0.0 |
| 3.4 TO 3.6 | 8.3 | 36.7 | 0.0 | 0.0 | 8.4 | 41.3 | 0.0 | 0.0 |
| 3.6 TO 3.8 | 3.9 | 55.0 | 0.0 | 0.0 | 5.4 | 48.9 | 0.0 | 0.0 |
| 3.8 TO 4.0 | 26.4 | 42.8 | 0.0 | 0.0 | 25.5 | 64.2 | 0.0 | 0.0 |
| 4.0 TO 4.2 | 5.4 | 21.4 | 0.0 | 0.0 | 6.8 | 21.4 | 0.0 | 0.0 |
| 4.2 TO 5.6 | OMISSION | | | | | | | |
| 5.6 TO 5.8 | 2.9 | 51.9 | 0.0 | 0.0 | 0.0 | 76.4 | 0.0 | 0.0 |
| 4.8 TO 6.0 | 2.0 | 26.0 | 0.0 | 0.0 | 2.0 | 39.7 | 0.0 | 0.0 |
| 5.0 TO 6.2 | 0.0 | 45.8 | 0.0 | 0.0 | 0.0 | 53.5 | 0.0 | 0.0 |
| 5.2 TO 6.4 | 5.4 | 38.2 | 0.0 | 0.0 | 0.0 | 68.8 | 0.0 | 0.0 |
| 5.4 TO 6.6 | 0.0 | 58.1 | 0.0 | 0.0 | 0.0 | 45.8 | 0.0 | 0.0 |
| 5.6 TO 6.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.8 TO 7.0 | 5.5 | 18.8 | 0.0 | 0.0 | 0.0 | 7.6 | 0.0 | 97.8 |
| 6.0 TO 7.2 | 4.9 | 59.6 | 0.0 | 0.0 | 22.4 | 32.1 | 0.0 | 0.0 |
| 6.2 TO 7.4 | 13.4 | 18.3 | 0.0 | 0.0 | 8.1 | 44.1 | 0.0 | 0.0 |
| 6.4 TO 7.6 | 5.6 | 80.7 | 0.0 | 30.6 | 4.9 | 74.9 | 0.0 | 0.0 |
| 6.6 TO 7.8 | 13.9 | 53.5 | 0.0 | 30.6 | 2.9 | 39.7 | 0.0 | 0.0 |
| 6.8 TO 8.0 | 0.0 | 38.2 | 0.0 | 0.0 | 0.0 | 36.7 | 0.0 | 0.0 |
| 7.0 TO 8.2 | 2.9 | 32.1 | 0.0 | 0.0 | 0.0 | 45.8 | 0.0 | 0.0 |
| 7.2 TO 8.4 | 2.9 | 21.4 | 0.0 | 0.0 | 0.0 | 6.1 | 0.0 | 0.0 |
| TOTALS | 225.8 | 1265.2 | 27.4 | 61.1 | 223.1 | 1288.8 | 25.4 | 97.8 |

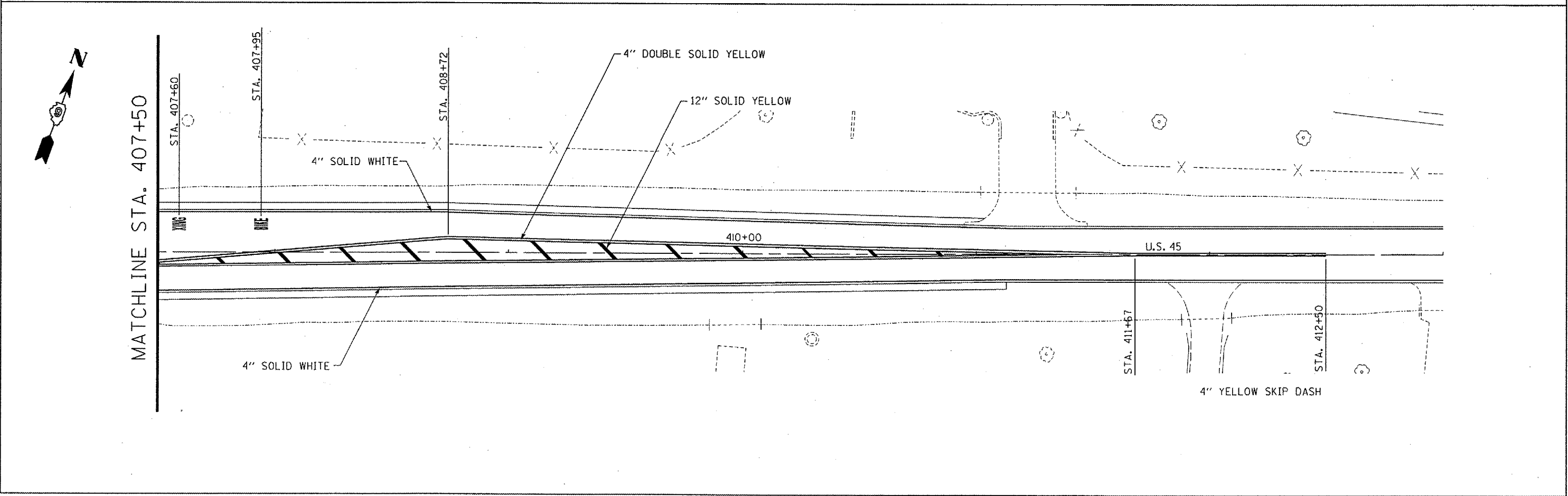
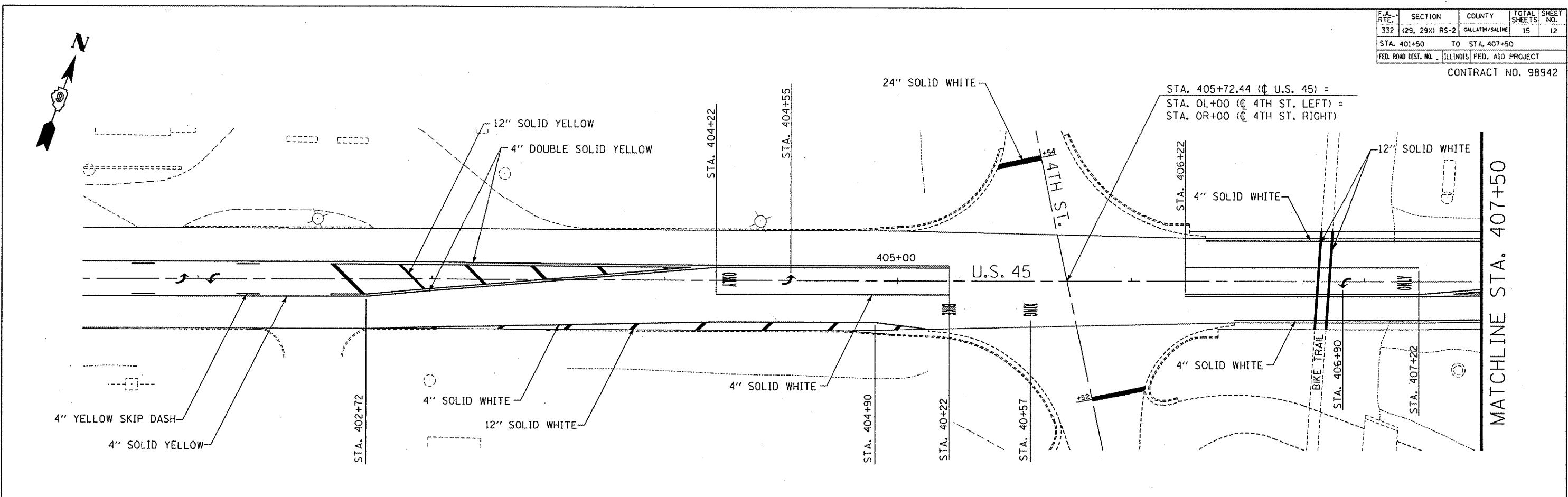
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
|-----------------------|----------------|-----------------|------------------|----------|
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 11 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 98942 | | | | |

GUARDRAIL SCHEDULE

| LOCATION STATION TO STATION | GUARDRAIL REMOVAL FOOT | SPBGR TYPE A FOOT | TRAFFIC BARRIER TERMINAL | | GUARDRAIL MARKERS EACH | TERMINAL MARKERS DIRECT APPLIED EACH | REMARKS |
|--------------------------------|------------------------------|-------------------------|--------------------------|----------|------------------------------|--|---|
| | | | TYPE 1, SPECIAL (TAN) | TYPE 2 | | | |
| | | | EACH | EACH | | | |
| SFTY-2A | | | | | | | |
| RT & LT 702+58 TO 702+83 | 50.0 | | | | | | REMOVE END SECTIONS |
| RT 701+33 TO 702+83 | | 100.0 | 1 | | 2 | 1 | |
| LT 701+83 TO 702+83 | | 50.0 | 1 | | 1 | 1 | |
| RT & LT 706+39 TO 706+64 | 50.0 | | | | | | REMOVE END SECTIONS |
| RT 706+39 TO 707+39 | | 50.0 | 1 | | 1 | 1 | |
| LT 706+39 TO 707+89 | | 100.0 | 1 | | 2 | 1 | |
| RT & LT 719+42.5 TO 719+67.5 | 50.0 | | | | | | REMOVE END SECTIONS |
| RT & LT 719+47.0 TO 719+67.5 | | 50.0 | | 2 | 1 | 1 | EXTEND FROM EXISTING RAIL AT 30' RADIUS |
| RT & LT 722+78.5 TO 723+03.5 | 50.0 | | | | | | REMOVE END SECTIONS |
| RT & LT 722+78.5 TO 722+99.0 | | 50.0 | | 2 | 1 | 1 | EXTEND FROM EXISTING RAIL AT 30' RADIUS |
| LT 745+20 | 25.0 | | 1 | | 1 | 1 | TERMINAL UPDATE |
| LT 730+90 | 25.0 | | 1 | | 1 | 1 | TERMINAL UPDATE |
| PROJECT TOTALS: | 250 | 400 | 6 | 4 | 10 | 8 | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|-----------------|--------------|-----------|
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 12 |
| STA. 401+50 TO STA. 407+50 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

CONTRACT NO. 98942



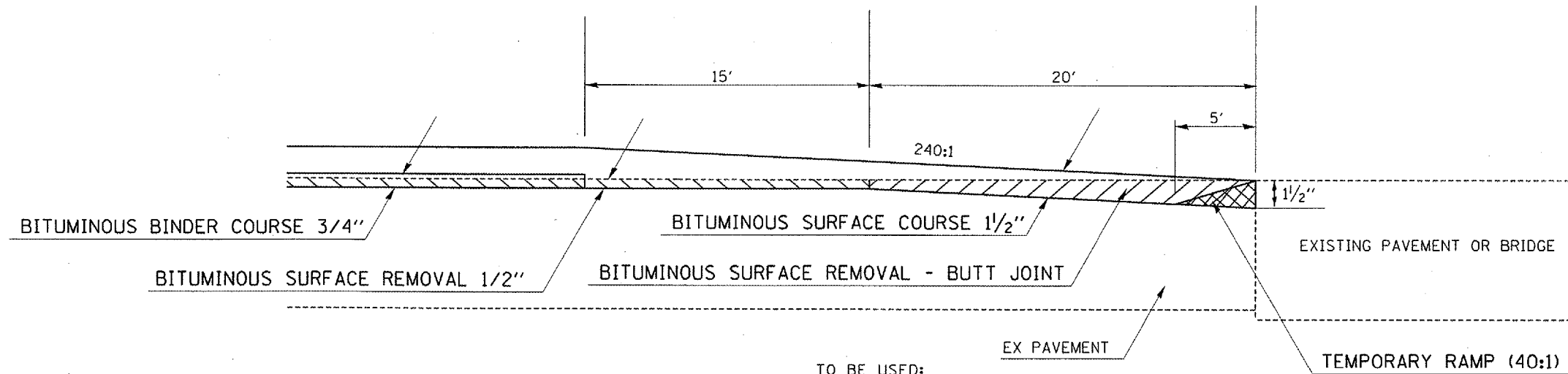
PAVEMENT MARKING DETAIL

PLOT DATE = 3/24/2008
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 PLOT SCALE = 1/32" = 1' / 32"
 USER NAME = schweizerchb

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
|-----------------------|----------------|-----------------|------------------|----------|
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 13 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 98942 | | | | |

BUTT JOINT DETAIL

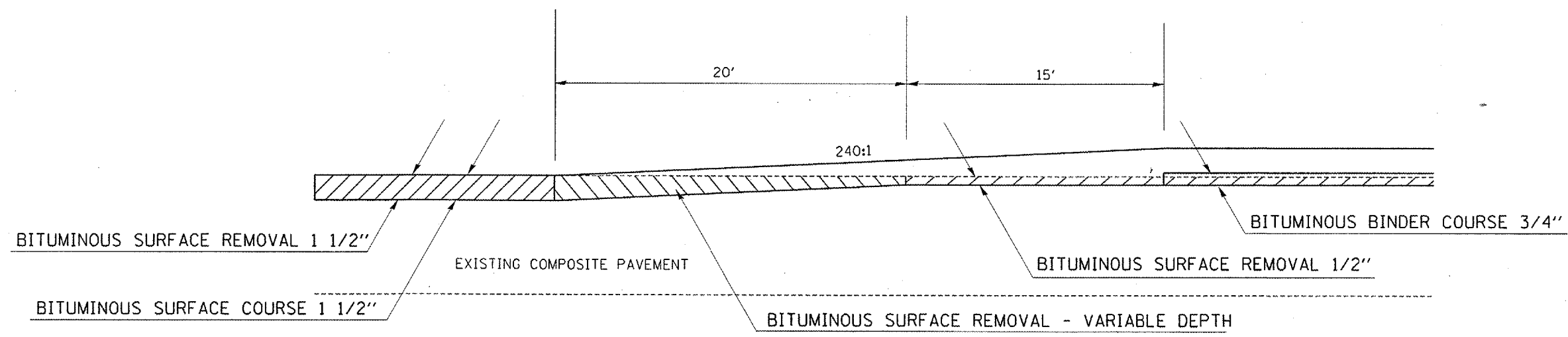
FAP 332 (US 45)
VARIOUS LOCATIONS



- TO BE USED:
- STA 598+04 TO STA 598+39 (PAVING OMISSION)
 - STA 676+84 TO STA 677+19
 - STA 719+77 TO STA 720+12 (BRIDGE OMISSION)
 - STA 722+34 TO STA 722+69 (SN 083-0001)
 - STA 825+82 TO STA 826+17 (END OF JOB)

PAVEMENT TRANSITION DETAIL

FAP 332 (US 45)

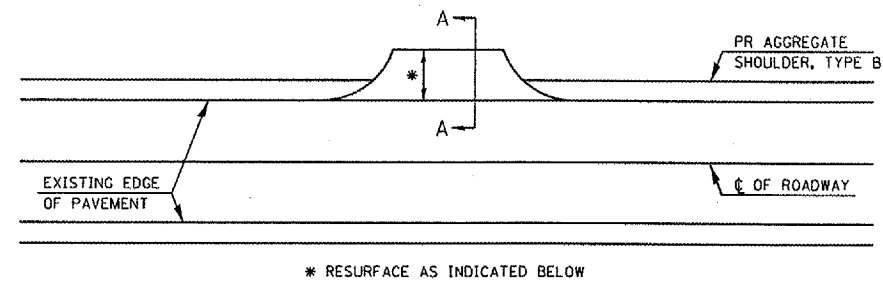


- TO BE USED:
- STA 411+47 TO STA 411+82

PLOT DATE = 3/24/2006
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US_45_3P-Eldorado\Plans\plans.dgn
 PLOT SCALE = 108.4337 / IN.
 USER NAME = schweizerkb

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
|-----------------------|----------------|-----------------|------------------|----------|
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 14 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 98942 | | | | |

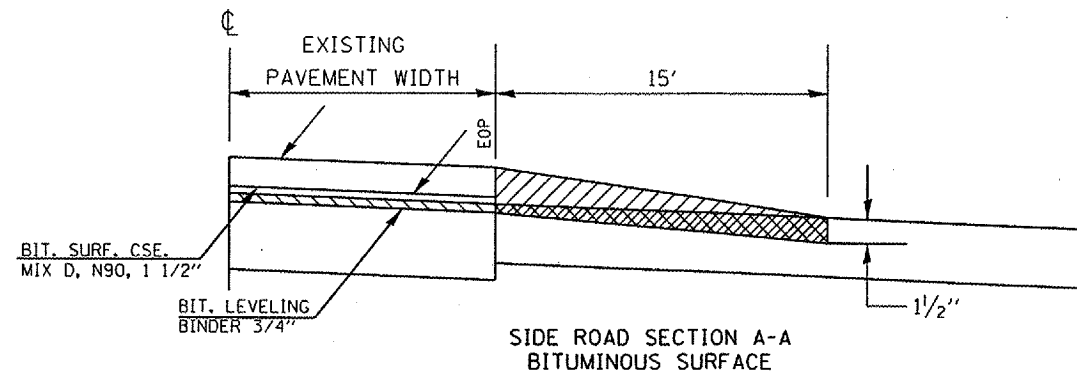
SIDE ROAD DETAIL



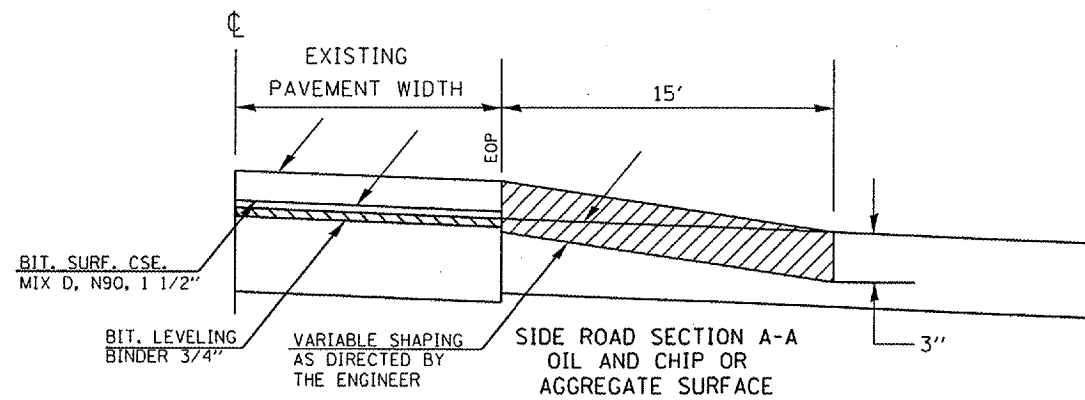
* RESURFACE AS INDICATED BELOW

LEGEND

- INCIDENTAL BITUMINOUS SURFACE
- BIT SURFACE REMOVAL 1/2"
- BIT SURF REM BUTT JOINT



SIDE ROAD SECTION A-A
BITUMINOUS SURFACE



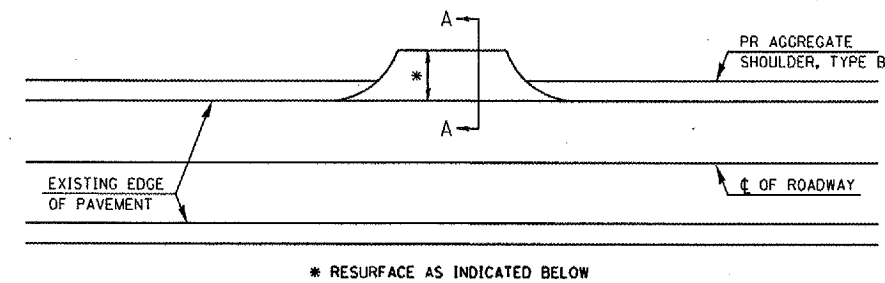
SIDE ROAD SECTION A-A
OIL AND CHIP OR
AGGREGATE SURFACE

IF EXISTING SUB-BASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDEROADS SHALL BE CORED OUT AND AGGREGATE SUB-BASE, TYPE B SHALL BE PLACED FOR THE BASE. THE COST OF CORING OUT THE SIDEROAD SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE. IF EXISTING SUB-BASE IS DETERMINED TO BE ADEQUATE, THE AGGREGATE BASE COURSE SHALL BE DELETED AND THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.19.

VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL BITUMINOUS SURFACING

THE ABOVE QUANTITIES HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES.

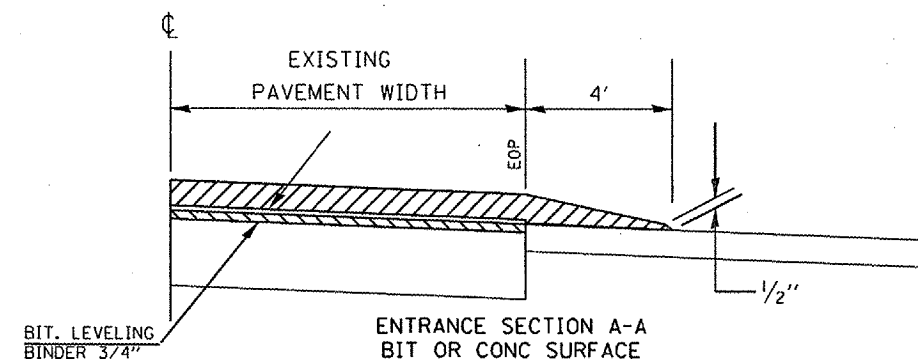
ENTRANCE DETAIL



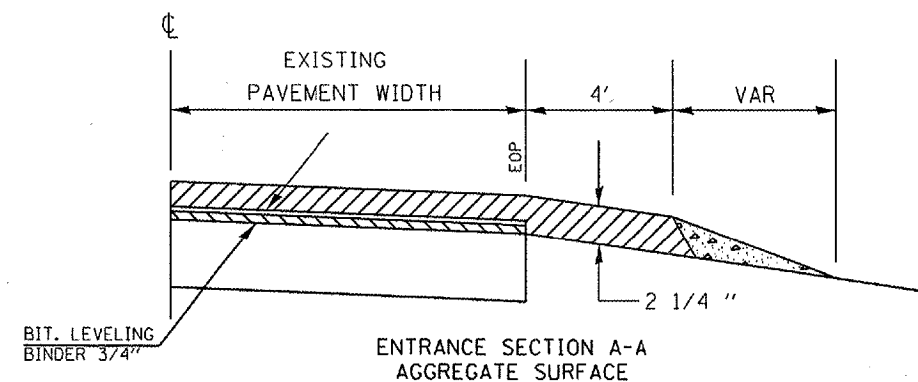
* RESURFACE AS INDICATED BELOW

LEGEND

- BIT SURF CSE, SUPER, MIX D, N90
- BIT SURFACE REMOVAL 1/2"
- AGG WEDGE



ENTRANCE SECTION A-A
BIT OR CONC SURFACE

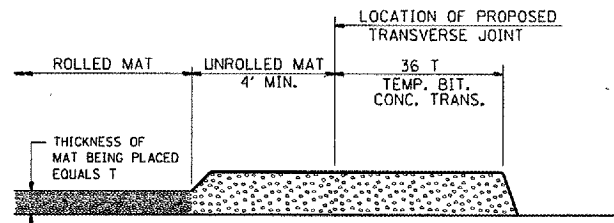


ENTRANCE SECTION A-A
AGGREGATE SURFACE

TEMPORARY BITUMINOUS CONCRETE TRANSITIONS

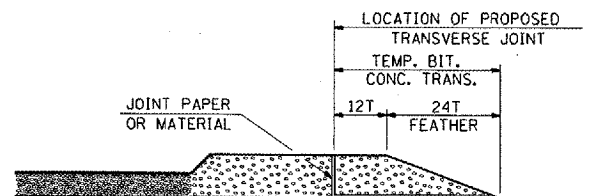
| | | | | |
|-----------------------|----------------|-----------------|------------------|----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
| 332 | (29, 29X) RS-2 | GALLATIN/SALINE | 15 | 15 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. _ | | ILLINOIS | FED. AID PROJECT | |

CONTRACT NO. 98942



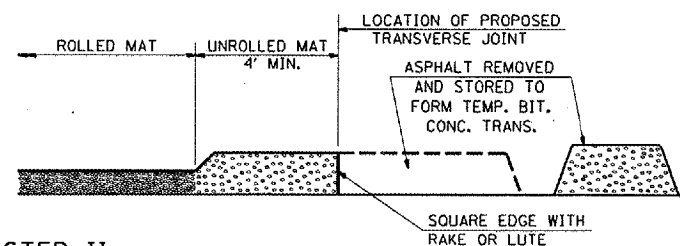
STEP I

1. PLACE BITUMINOUS MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



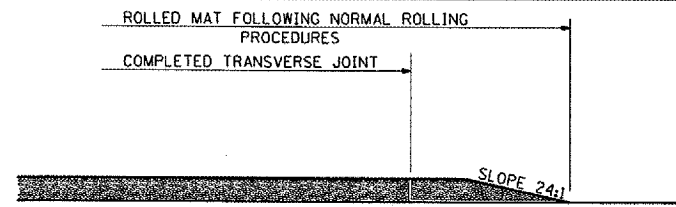
STEP III

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



STEP II

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



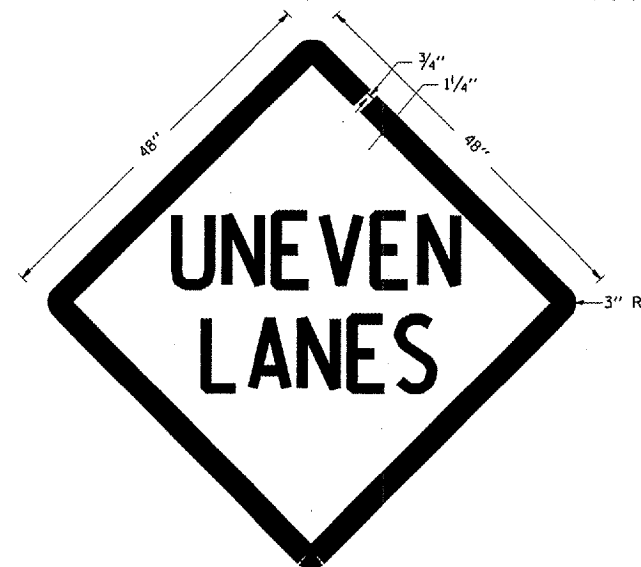
STEP IV

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

REVISIONS
 DRAWN 2-15-89
 REVISED 8-16-94
 REVISED
 STD. 9-26

UNEVEN LANES SIGN

W8-11 (48" x 48")



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

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

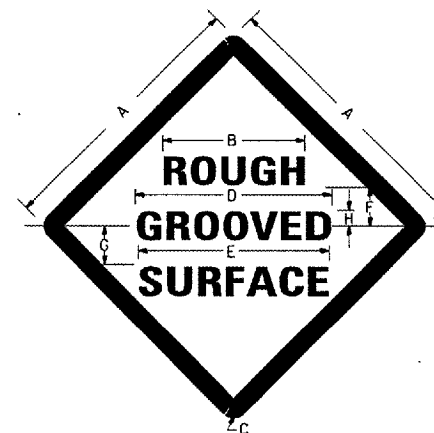
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

REVISIONS
 DRAWN 2-15-89
 REVISED 4-6-93
 REDESIGNED 7-24-04
 REVISED
 STD. 9-41

ILLINOIS STANDARD

W8-1106



COLORS:

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

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

| SIGN SIZE | SERIES LINES | | | MAR- GIN | BOR- DER | BLANK STD. |
|-----------|--------------|----|----|-------------|-------------|---------------|
| | 1 | 2 | 3 | | | |
| 48X48 | 7C | 7C | 7C | 0.8 | 1.2 | B4-48D |

ALL DIMENSIONS IN INCHES

NOTES:

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

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

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

REVISIONS
 DRAWN 2-15-89
 REVISED 4-6-93
 REVISED
 STD. 9-39

PLOT DATE = 3/24/2006
 FILE NAME = D:\Program Development\Studies and Plans\Upstairs Design\Projects\US 45 3P-Eldorado\Plans\plans.dgn
 PLOT SCALE = 108.4338 / IN.
 USER NAME = schweitzer-kb