

Pavement Preservation Base & Overlay Example

RAOverlay Projects\270-05-0015\dgn\01 Title Sheet.dgn 25-OCT-2010 09:32

STANDARD PLANS

| DESCRIPTION | REVISION | DATE |
|---------------|----------|------|
| BM-01 | 09-22-07 | |
| DM-04 | 09-16-82 | |
| DF-05 | 03-25-82 | |
| EC-01 | 10-01-08 | |
| ER-200 | 01-26-09 | |
| ER-202 | 01-26-09 | |
| HS-03 | 01-03-05 | |
| MS-01 | 02-18-09 | |
| PM-01 - Pm-01 | 11-01-10 | |

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION
PLANS OF PROPOSED
STATE HIGHWAY
F.A.P. NO. 4609(503)
STATE PROJECT NO. 270-05-0015 / H. 002451
JCT. LA 1045 - JCT. LA 10
ST HELENA PARISH
LA 43

VICINITY MAP

BRIDGE LOCATIONS

| STRUCTURE NUMBER | C.S.L.M. | LENGTH (FEET) | WIDTH (FEET) |
|------------------|----------|---------------|--------------|
| 270-05-10451 | 10.42 | 33 | 20 |

C.S. LOG MILE 10.820
FIELD MEASURED
LOG MILE 10.792
STA. 9+00
END S.P. 270-05-0015

C.S. LOG MILE 5.910
STA. 9+00
BEG. S.P. 270-05-0015

TRAFFIC DATA
2010 A.D.T. = 2,600
2020 A.D.T. = 3,000
D = 55%
K = 10%
T = 14%

TYPE OF CONSTRUCTION:
DRAINAGE STRUCTURES, COLD PLANING ASPHALTIC CONCRETE,
IN-PLACE CEMENT STABILIZED BASE COURSE, SUPERPAVE ASPHALTIC
CONCRETE OVERLAY

NOTES:
THE 2003 LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN ON THIS PROJECT.

RECOMMENDED FOR APPROVAL

June S. Williams
ASSISTANT DISTRICT ADMINISTRATOR, ENGINEERING

Connie L. Standish
DISTRICT ADMINISTRATOR

Richard Z. Savari
CHIEF ENGINEER

12.5.10 DATE

| NO. | DATE | REVISION DESCRIPTION | DESIGNED BY | CHECKED BY | DATE | APPROVED BY |
|-----|----------|----------------------|-------------|------------|------|-------------|
| 1 | 12-28-10 | Shts. 1, 3 & 4 | | | | |
| | 12-28-10 | | | | | |
| | 12-28-10 | | | | | |

TITLE SHEET

DESIGNED BY: [Signature] CHECKED BY: [Signature] DATE: 12-28-10

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DESIGNED BY: [Signature] CHECKED BY: [Signature] DATE: 12-28-10

| DESIGNED BY | CHECKED BY | DATE | PARISH | ST. HELENA | NO. | SHEET |
|-------------|------------|------|--------|------------|-----|-------|
| DESIGNED BY | CHECKED BY | DATE | PARISH | ST. HELENA | NO. | SHEET |
| DESIGNED BY | CHECKED BY | DATE | PARISH | ST. HELENA | NO. | SHEET |
| DESIGNED BY | CHECKED BY | DATE | PARISH | ST. HELENA | NO. | SHEET |

I-1

RAOverlay Projects\270-05-0015\dgn\01a index to sheets.dgn 29-NOV-2010 06:12

| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1 | TITLE SHEET |
| 1a | INDEX TO SHEETS |
| 2-2c | TYPICAL SECTIONS |
| 2d | SUPERELEVATION REQUIREMENTS |
| 2e | SUPERELEVATION VALUES |
| 2f | SUPERELEVATION DIAGRAMS |
| 2g | TURNOUT, BASE AND SURFACING DETAIL |
| 2h | SHOULDER WEDGE DETAIL |
| 2i | CONSTRUCTION NOTES |
| 3 | BASE AND SURFACING TABLE |
| 3a-3d | SUMMARY OF ESTIMATED QUANTITIES |
| 4 | SUMMARY OF DRAINAGE STRUCTURES |
| 5 | CONCRETE COLLAR DETAIL |
| 6 | GUARD RAIL QUANTITIES |
| 7 | GUARD RAIL LAYOUT |
| 8 | SIDE MOUNT GUARD RAIL |
| 9 | APPROACH GUARD RAIL |
| 10-17 | TRAFFIC CONTROL DETAILS |
| 18 | BORINGS |
| 19-20 | VERTICAL PROFILE MODIFICATIONS @ JCT. LA 1045 |

INDEX TO SHEETS

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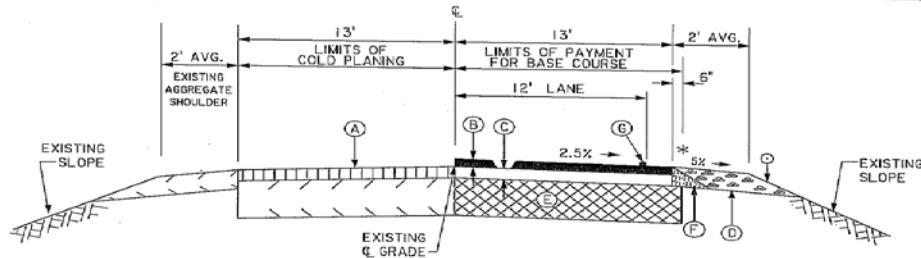
| DESIGNED BY | CHECKED BY | DATE | PARISH | ST. HELENA | NO. | SHEET |
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| DESIGNED BY | CHECKED BY | DATE | PARISH | ST. HELENA | NO. | SHEET |
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| DESIGNED BY | CHECKED BY | DATE | PARISH | ST. HELENA | NO. | SHEET |

I-2

Pavement Preservation Base & Overlay Example

R:\Overlay Projects\270-05-0015\dn\02a typical section base & surfacing.dgn

25-OCT-2010 09:33



TYPICAL HALF SECTION (SHOWING EXISTING RDWY) TYPICAL HALF SECTION (SHOWING PROPOSED RDWY)
S.P. NO. 270-05-0015 STATION 9+00 - 244+50

- (A) EXISTING BASE AND SURFACING TO BE COLD PLANED 2" AVG. DEPTH
- (B) 1½" SUPERPAVE ASPHALTIC CONCRETE WEARING COURSE (LEVEL 1)
- (C) 2" SUPERPAVE ASPHALTIC CONCRETE BINDER COURSE (LEVEL 1)
- (D) AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT) (CALCULATED ON 2'-0" WIDTH x 4" DEPTH)
- (E) 12" IN-PLACE CEMENT TREATED BASE COURSE (5% BY VOLUME) (2" AVG SURFACE INCORPORATED INTO BASE)
- (F) REQ'D. SHOULDER WEDGE (SEE SHOULDER WEDGE DETAIL FOR ADDITIONAL INFORMATION).
- (G) ROADWAY TO BE STRIPED AT 12' LANE WIDTH
- MATCH EXISTING SLOPE
- * MAY BE INCREASED TO MAX OF 8% WHEN DIRECTED BY THE PROJECT ENGINEER.

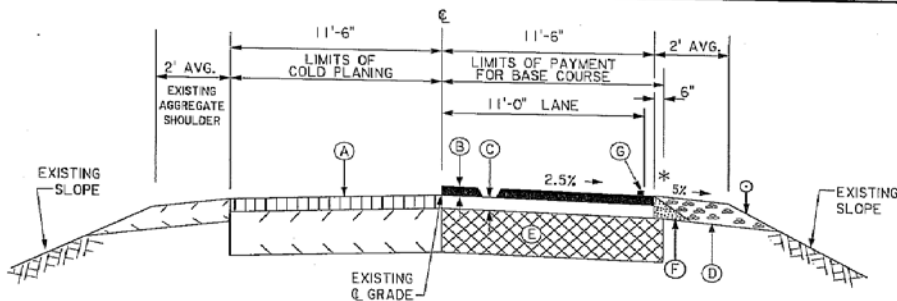
20-YEAR ESAL = 1,102,759 ESALs

| | | | | | | | |
|-------------------------|-----------------|------------|-------------|-------|-----------------|---------------|-------------|
| DISTRICT bota | TYPICAL SECTION | ST. HELENA | DESIGNED BY | BET | PARISH | ST. HELENA | SHEET 20 |
| | DATE | | CHECKED | AAS | FEDERAL PROJECT | STATE PROJECT | |
| | | | BY | SHEET | DATE | PROJECT | 270-05-0015 |

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TYPICAL HALF SECTION (SHOWING EXISTING RDWY) TYPICAL HALF SECTION (SHOWING PROPOSED RDWY)
S.P. NO. 270-05-0015 STATION 244+50 - 250+00

- (A) EXISTING BASE AND SURFACING TO BE COLD PLANED 2" AVG. DEPTH
- (B) 1½" SUPERPAVE ASPHALTIC CONCRETE WEARING COURSE (LEVEL 1)
- (C) 2" SUPERPAVE ASPHALTIC CONCRETE BINDER COURSE (LEVEL 1)
- (D) AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT) (CALCULATED ON 2'-0" WIDTH x 4" DEPTH)
- (E) 12" IN-PLACE CEMENT TREATED BASE COURSE (5% BY VOLUME) (2" AVG SURFACE INCORPORATED INTO BASE)
- (F) REQ'D. SHOULDER WEDGE (SEE SHOULDER WEDGE DETAIL FOR ADDITIONAL INFORMATION).
- (G) ROADWAY TO BE STRIPED AT 11'-0" LANE WIDTH
- MATCH EXISTING SLOPE
- * MAY BE INCREASED TO MAX OF 8% WHEN DIRECTED BY THE PROJECT ENGINEER.

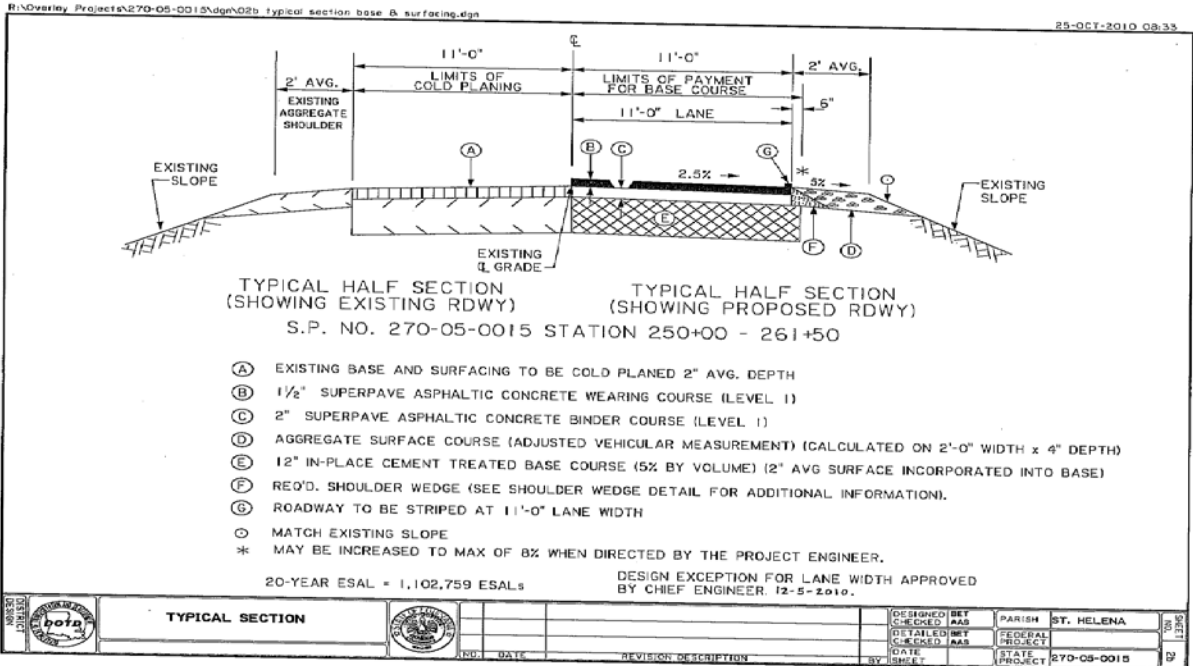
20-YEAR ESAL = 1,102,759 ESALs

DESIGN EXCEPTION FOR LANE WIDTH APPROVED
BY CHIEF ENGINEER 12-5-2010.

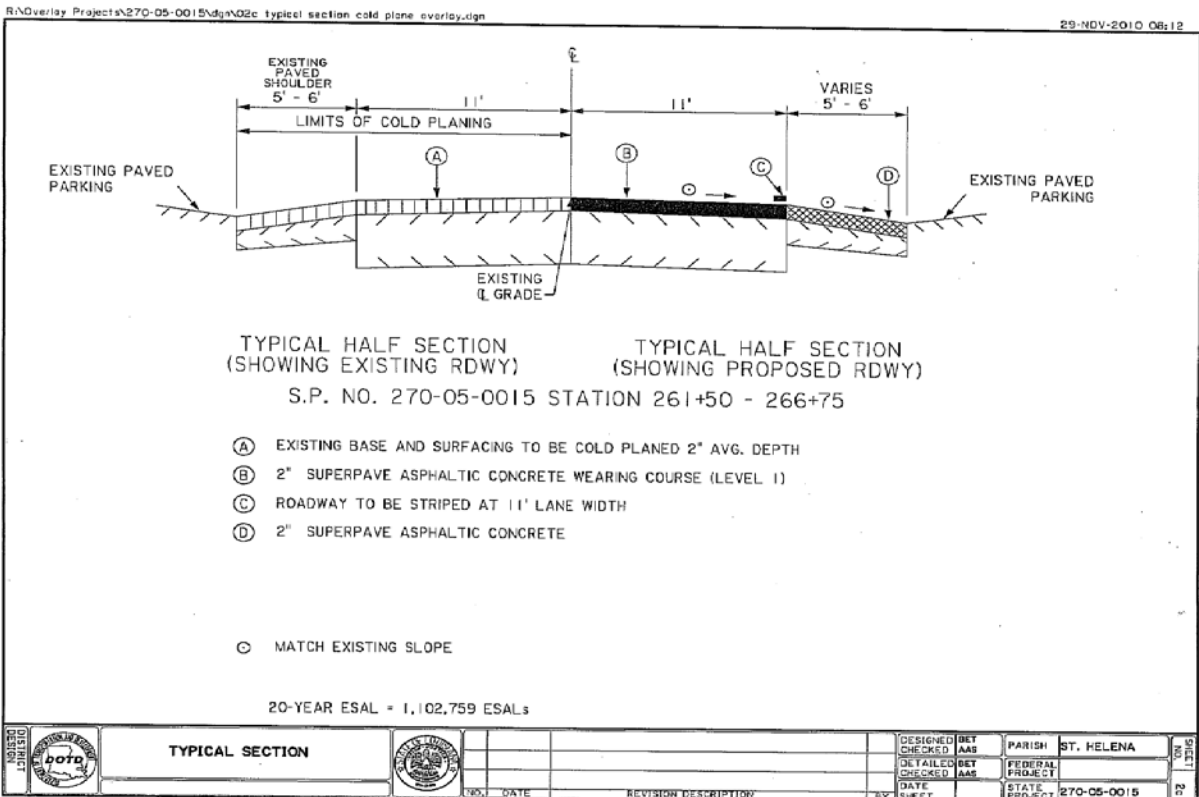
| | | | | | | | |
|-------------------------|-----------------|------------|-------------|-------|-----------------|---------------|-------------|
| DISTRICT bota | TYPICAL SECTION | ST. HELENA | DESIGNED BY | BET | PARISH | ST. HELENA | SHEET 20 |
| | DATE | | CHECKED | AAS | FEDERAL PROJECT | STATE PROJECT | |
| | | | BY | SHEET | DATE | PROJECT | 270-05-0015 |

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Pavement Preservation Base & Overlay Example

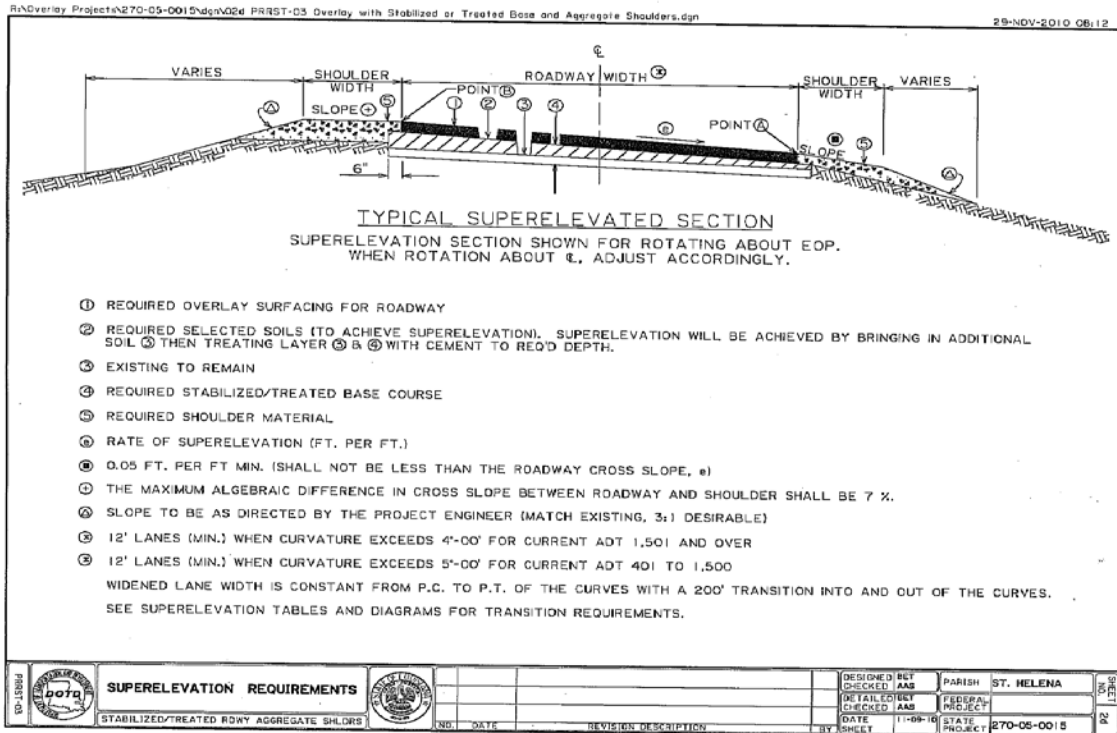


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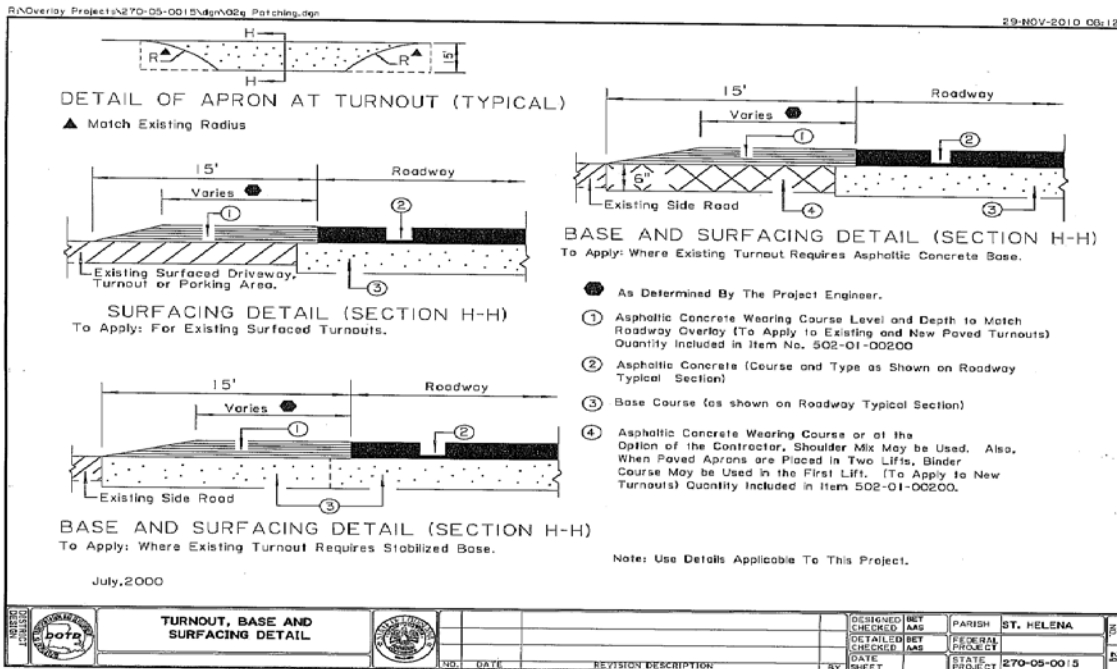


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Pavement Preservation Base & Overlay Example

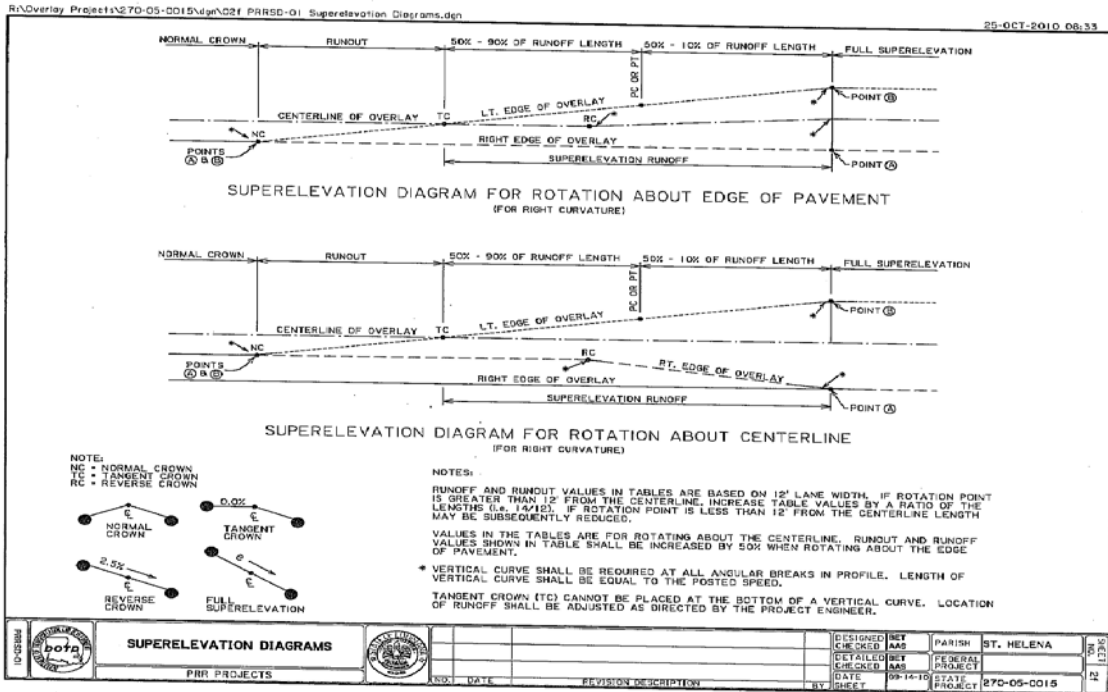


PRRSV-01 – Superelevation Values for Rural Preservation Projects – Found on the DOTD Road Design / Pavement Preservation website



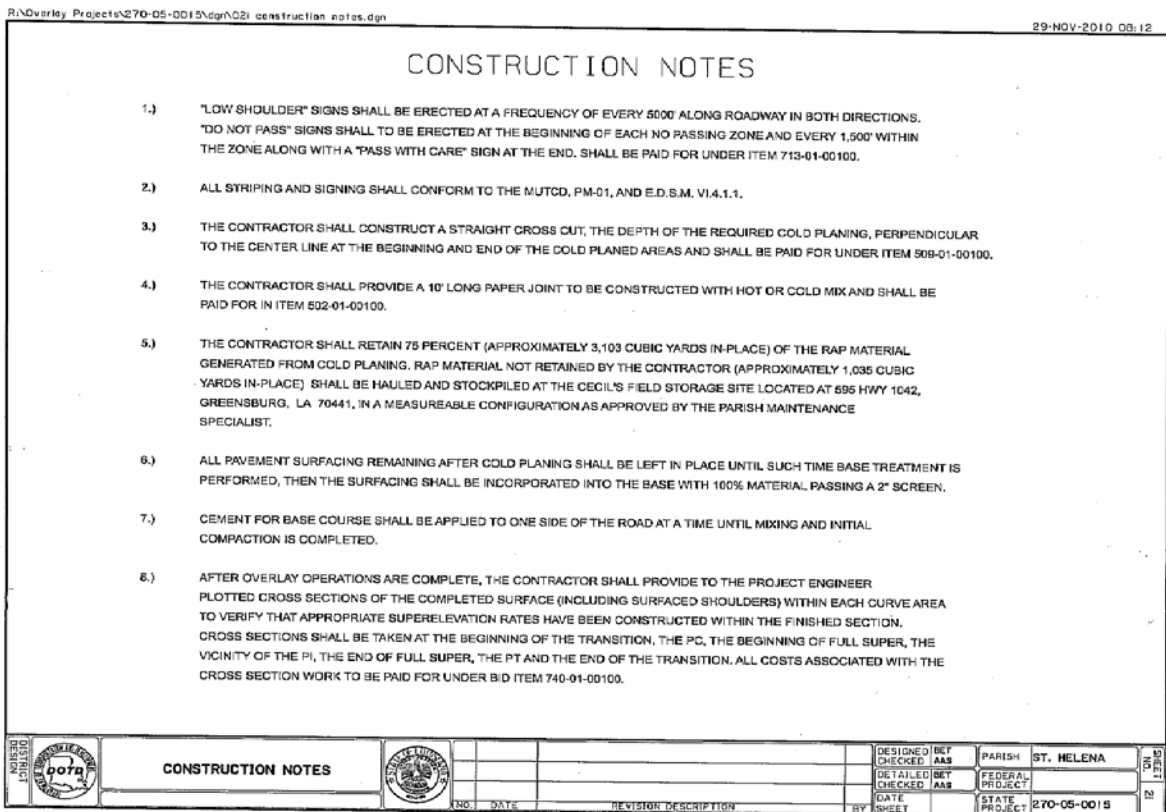
Shoulder Wedge Detail – Found on DOTD Road Design website

Pavement Preservation Base & Overlay Example



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Pavement Preservation Base & Overlay Example

R:\Overlay Projects\270-05-0015\dn\03 base & surfacing table.dgn

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I-14

| BASE AND SURFACING | | | | | | | | | | | | |
|--------------------------------------|---------|-------------|-----------|-------------------------------|-------------|--------------------------------------|----------|------------------------------|----------|--|---|-----------------------|
| STATION | STATION | DESCRIPTION | LENGTH | COLD PLANING 2" AVG. DEPTH | | 12" CEMENT TREATED BASE COURSE | | SUPERPAVE ASPHALTIC CONCRETE | | | | |
| | | | | WIDTH (FEET) | SQ. YARD | WIDTH (FEET) | SQ. YARD | WIDTH (Feet) | SQ. YARD | 2" BINDER COURSE (LEVEL 1) (Ton) | 1 1/2" WEARING COURSE (LEVEL 1) (Ton) | 2" COURSE (Ton) |
| 9+00 | 244+50 | ROADWAY | 23,560.00 | 28 | 68,033 | 27 | 70,050 | 26 | 68,033.3 | 7,483.7 | 3,612.7 | |
| 244+50 | 250+00 | ROADWAY | 560.00 | 23 | 1,406 | 24 | 1,467 | 23 | 1,405.8 | 154.6 | 116.0 | |
| 250+00 | 291+50 | ROADWAY | 1,190.00 | 22 | 2,811 | 25 | 2,939 | 22 | 2,811.1 | 309.2 | 231.9 | |
| 291+50 | 206+75 | ROADWAY | 525.00 | 22 | 1,263 | | | 22 | 1,263.3 | | 141.2 | |
| 291+50 | 206+75 | SHOULDERS | 525.00 | 11 | 642 | | | 11 | 641.7 | | | 70.6 |
| ADDITIONAL FOR SHOULDER WEDGE | | | | | | | | | | 168.5 | 42.4 | |
| ADDITIONAL FOR COLD PLANING TURNOUTS | | | | | 507 | | | | | | | |
| TOTAL EACH COURSE: | | | | | | | | | | 6,136.0 | 3,144.2 | 70.6 |
| GRAND TOTAL: | | | | | 74,482 | | 75,056 | | | | | 14,350.8 |
| * CALCULATED ON 2" DEPTH | | | | | | | | | | | | |

| | | | | | | | | | | |
|--|-----------------------------------|--|---|----------|----------------|-------------|------------------|--------|------------|---------------|
| | BASE & SURFACING TABLE | | 1 | 12-28-10 | Revised Parish | DESIGNED BY | RET. CHECKED AAS | PARISH | St. Helena | 01 |
| | | | 1 | 12-28-10 | Revised Parish | DATE | BY | DATE | BY | STATE PROJECT |

R:\Overlay Projects\270-05-0015\dn\02 construction notes.dgn

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CONSTRUCTION NOTES

- 9.) EXISTING ASPHALT TURNOUTS SHALL BE LEFT IN PLACE OR COLD PLANED AND OVERLAYED, ALL AS DIRECTED BY THE PROJECT ENGINEER.
- 10.) ALL CONCRETE DRIVEWAYS AND TURNOUTS SHALL BE REMOVED AS DIRECTED BY THE PROJECT ENGINEER TO OBTAIN THE PROPER WIDTH FOR THE BASE COURSE, AND SHALL BE PAID FOR UNDER ITEM 202-02-06100.
- 11.) THE CONTRACTOR SHALL CONSTRUCT ALL DRIVEWAY CONNECTIONS USING DESIRABLE FLARE RATES AS SHOWN ON STANDARD PLAN DW-04 UNLESS A DETERMINATION IS MADE BY THE PROJECT ENGINEER ON A PER DRIVEWAY BASIS WHEN EXISTING CONDITIONS PREVENT DESIRABLE RATES. GUIDANCE ON DRIVEWAY CONNECTION GRADES MAY BE OBTAINED FROM STANDARD PLAN DW-05.
- 12.) NO MAILBOX STOPS WILL BE REQUIRED PAVING FULL CROWN.
- 13.) ITEM NS-200-00020, CLEANING OF EXISTING DITCHES, SHALL BE USED AT CROSS DRAIN LOCATIONS TO ESTABLISH POSITIVE DRAINAGE AS DIRECTED BY THE PROJECT ENGINEER.

| | | | | | | | | | | |
|--|---------------------------|--|---|----------|----------------|-------------|------------------|--------|------------|---------------|
| | CONSTRUCTION NOTES | | 1 | 12-28-10 | Revised Parish | DESIGNED BY | RET. CHECKED AAS | PARISH | ST. HELENA | 02 |
| | | | 1 | 12-28-10 | Revised Parish | DATE | BY | DATE | BY | STATE PROJECT |

Pavement Preservation Base & Overlay Example

11/29/2010

Summary Of Estimated Quantities

Proposal ID: 270-05-0015 State Project Number: 270-05-0015
 Federal Project Number: 4609(503)
 Proposal Description: JCT. LA 1045 - JCT. LA 10

Page: 3b

| Item No. | Description | Supplemental Description | Alternate Set Member | Quantity | Units |
|--------------|---|--|----------------------|------------|-------|
| 509-01-00100 | Cold Planing Asphaltic Pavement | | | 74,482.000 | SQYD |
| 509-02-00100 | Contractor Retained Reclaimed Asphaltic Pavement | | | -3,103.000 | CUYD |
| 701-10-01040 | Reinforced Concrete Pipe (Extension) (18") | | | 4.000 | LNFT |
| 701-10-01080 | Reinforced Concrete Pipe (Extension) (24") | | | 12.000 | LNFT |
| 701-15-00100 | Concrete Collar | | | 2.000 | EACH |
| 704-01-01000 | Guard Rail (Single Thrie Beam) (3'-1 1/2" post spacing) | | | 175.000 | LNFT |
| 704-03-00100 | Blocked Out Guard Rail | | | 87.500 | LNFT |
| 704-11-00100 | Guard Rail End Treatment (Flared) | | | 4.000 | EACH |
| 711-02-00300 | Riprap (30 lb) | Sta. 36+50 = 25 cy, 67+50=5 cy, 77+00=25 cy, 89+15=5 cy, 174+50=50 cy and 243+10=90 cy | | 200.000 | CUYD |
| 713-01-00100 | Temporary Signs and Barricades | | | 1.000 | LUMP |
| 713-02-00500 | Temporary Pavement Markings (24" Width) | | | 156.000 | LNFT |
| 713-03-01000 | Temporary Pavement Markings (Broken Line) (4" Width) (4' Length) | | | 14.730 | MILE |
| 713-03-02000 | Temporary Pavement Markings (Broken Line) (4" Width) (10' Length) | | | 4.207 | MILE |
| 713-04-01000 | Temporary Pavement Markings (Solid Line) (4" Width) | | | 53.588 | MILE |

Notes:

11/29/2010

Summary Of Estimated Quantities

Proposal ID: 270-05-0015 State Project Number: 270-05-0015
 Federal Project Number: 4609(503)
 Proposal Description: JCT. LA 1045 - JCT. LA 10

Page: 3a

| Item No. | Description | Supplemental Description | Alternate Set Member | Quantity | Units |
|---------------|--|--------------------------|----------------------|------------|-------|
| General Items | | | | | |
| 202-02-06100 | Removal of Concrete Walks and Drives | | | 161.700 | SQYD |
| 202-02-38300 | Removal of Sign and U-Channel Post | | | 4.000 | EACH |
| 203-01-00100 | General Excavation | | | 110.000 | CUYD |
| 203-02-00100 | Drainage Excavation | | | 100.000 | CUYD |
| 203-03-00100 | Embankment | | | 610.000 | CUYD |
| 203-07-00100 | Borrow (Vehicular Measurement) | | | 2,088.000 | CUYD |
| 203-07-00200 | Borrow (Vehicular Measurement) (Selected Soils) | | | 2,180.000 | CUYD |
| 204-06-00100 | Temporary Silt Fencing | | | 6,900.000 | LNFT |
| 308-01-00100 | In-Place Cement Treated Base Course (12" Thick) | | | 75,056.000 | SQYD |
| 308-02-00100 | Removal of Existing Patches | | | 500.000 | SQYD |
| 401-02-00100 | Aggregate Surface Course (Adjusted Vehicular Measurement) | | | 1,120.000 | CUYD |
| 402-01-00100 | Traffic Maintenance Aggregate (Vehicular Measurement) | | | 500.000 | CUYD |
| 502-01-00100 | Superpave Asphaltic Concrete | | | 14,350.800 | TON |
| 502-01-00200 | Superpave Asphaltic Concrete, Drives, Turnouts and Miscellaneous | | | 603.000 | TON |

Notes:

Pavement Preservation Base & Overlay Example

11/29/2010

Summary Of Estimated Quantities

Page: 3c

Proposal ID: 270-05-0015 **State Project Number:** 270-05-0015
Federal Project Number: 4609(503)

Proposal Description: JCT. LA 1045 - JCT. LA 10

| Item No. | Description | Supplemental Description | Alternate | | Quantity | Units |
|--------------|---|--------------------------|-----------|--------|-----------|-------|
| | | | Set | Member | | |
| 722-01-00100 | Project Site Laboratory | | | | 1.000 | EACH |
| 728-01-00100 | Bedding Material | | | | 7.300 | CUYD |
| 727-01-00100 | Mobilization | | | | 1.000 | LUMP |
| 729-16-00300 | Object Marker Assembly (Type 3) | | | | 18.000 | EACH |
| 731-02-00100 | Reflectorized Raised Pavement Markers | | | | 650.000 | EACH |
| 732-01-02080 | Plastic Pavement Striping (24" Width) (Thermoplastic 125 mil) | | | | 52.000 | LNFT |
| 732-02-02000 | Plastic Pavement Striping (Solid Line) (4" Width) (Thermoplastic 90 mil) | | | | 17.863 | MILE |
| 732-03-02000 | Plastic Pavement Striping (Broken Line) (4" Width) (Thermoplastic 90 mil) | | | | 1.402 | MILE |
| 735-01-00100 | Mailboxes | | | | 32.000 | EACH |
| 735-02-00100 | Mailbox Supports (Single) | | | | 28.000 | EACH |
| 735-04-00100 | Mailbox Supports (Multiple) | | | | 1.000 | EACH |
| 739-01-00100 | Hydro-Seeding | | | | 6.000 | ACRE |
| 740-01-00100 | Construction Layout | | | | 1.000 | LUMP |
| NS-200-00020 | Cleaning Existing Ditches | | | | 1,600.000 | LNFT |

Notes:

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11/29/2010

Summary Of Estimated Quantities

Page: 3d

Proposal ID: 270-05-0015 **State Project Number:** 270-05-0015
Federal Project Number: 4609(503)

Proposal Description: JCT. LA 1045 - JCT. LA 10

| Item No. | Description | Supplemental Description | Alternate | | Quantity | Units |
|--------------|---|--------------------------|-----------|--------|-----------|-------|
| | | | Set | Member | | |
| NS-600-00220 | Saw Cutting Portland Cement Concrete Pavement | | | | 1,164.000 | INLF |

Notes:

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Pavement Preservation Base & Overlay Example

R:\Overlay Projects\270-05-0015\drain\04 drainage structures.dgn 25-OCT-2010 08:33

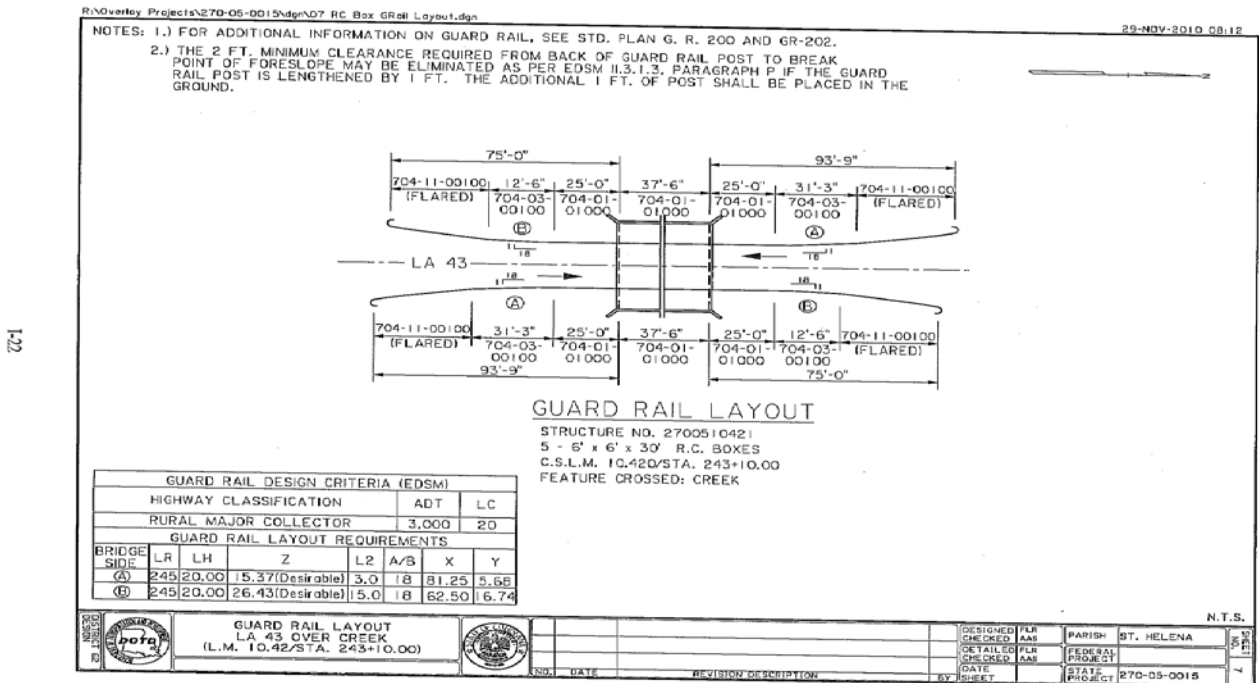
| SUMMARY OF DRAINAGE STRUCTURES | | | | | |
|--------------------------------|---|------|---------------|----------|------------------------------------|
| STATION | DESCRIPTION | TYPE | RCP EXTENSION | | CONC. COLLAR Each ft^2 |
| | | | 18" | 24" | |
| | | | LIN. FT. | LIN. FT. | |
| 67+80 | EXISTING 24" RCP TO REMAIN; REQUIRED 4' EXTENSION ON RIGHT AND LEFT SIDE | EXT | | 8 | |
| 162+80 | EXISTING 24" RCP TO REMAIN; REQUIRED 4' EXTENSION ON LEFT SIDE | EXT | | 4 | |
| 162+80 | EXISTING 24" RCP TO REMAIN; REQUIRED CONCRETE COLLAR ON LEFT SIDE | RCP | | | 1 |
| 162+85 | EXISTING 18" RCP TO REMAIN; REQUIRED 4' EXTENSION ON LEFT SIDE | EXT | 4 | | |
| 231+45 | EXISTING 30" RCP TO REMAIN; REQUIRED CONCRETE COLLAR ON LEFT SIDE | RCP | | | 1 |
| TOTAL: | | | 4 | 12 | 2 |

**SUMMARY OF
DRAINAGE STRUCTURES**

| | | | | |
|-----|----------|----------------------|----|-------|
| NO. | DATE | REVISION DESCRIPTION | BY | SHEET |
| 1 | 12-28-10 | Revised Description | | |

| | | | | |
|----------|------|---------|-------------|-----------|
| DESIGNED | BY | PARISH | ST. HELENA | 5 1330 |
| CHECKED | AAS | FEDERAL | PROJECT | |
| DATE | DATE | STATE | PROJECT | |
| BY | BY | PROJECT | 270-05-0015 | |

Concrete Collar Detail – Found on the DOTD Road Design / Hydraulic Section website



Pavement Preservation Base & Overlay Example

R:\Overlay Projects\270-05-0015\dep\06 guard rail quantities.dgn

25-OCT-2010 08:33

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| GUARD RAIL QUANTITIES | | | | | | |
|------------------------|--|--|---|---|---|---|
| ITEM | 202-02-38300 REMOVAL OF SIGN AND U-CHANNEL POST | 203-07-00100 BORROW VEHICULAR MEASUREMENT | 704-01-01000 GUARD RAIL SINGLE THREE BEAM 32 1/2" POST SPACING | 704-03-00100 BLOCKED OUT GUARD RAIL | 704-11-00100 GUARD RAIL END TREATMENT (FLARED) | 729-16-00300 OBJECT MARKER ASSEMBLY (TYPE 3) |
| STRUCTURE NO./LOCATION | Each | Cubic Yard | Linear Foot | Linear Foot | Each | Each |
| 2700510421 / La 43 | 4 | 400 | 175.0 | 87.5 | 4 | 4 |
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| | | | | | | |
| TOTAL : | 4 | 400 | 175.0 | 87.5 | 4 | 4 |

| | | | | | | | |
|--|------------------------------|--|--|----------------------------|----------------------|-------------------------|-----------------|
| | GUARD RAIL QUANTITIES | | | DESIGNED BY CHECKED AAS | PARISH ST. HELENA | DRAWN BY CHECKED AAS | FEDERAL PROJECT |
| | | | | DATE | STATE PROJECT | 270-05-0015 | |
| | | | | BY | SHEET 8 | | |

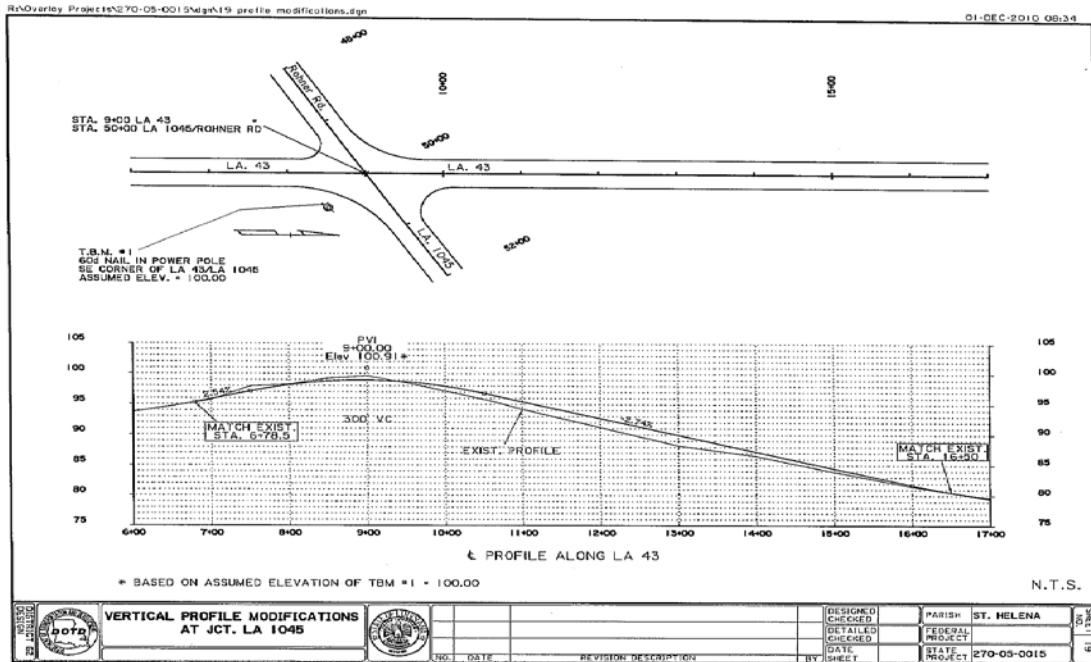
- Side Mount Guard Rail (For Box Culvert) – Found on the DOTD Bridge Design website

- Approach Guard Rail for Structures with Flexible Rails – Found on the DOTD Bridge Design website

- Traffic Control Details (TC-00, TC-01, TC-02, TC-03, TC-04) – Found on the DOTD Standard Detail website

Pavement Preservation Base & Overlay Example

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R:\Overlay Project\270-05-0015\fig16 borings.dgn 25-OCT-2010 06:33

ROADWAY DESIGN INFORMATION

Project No. **270-05-0015** Total Length **4.91 mi** Route **LA 43**

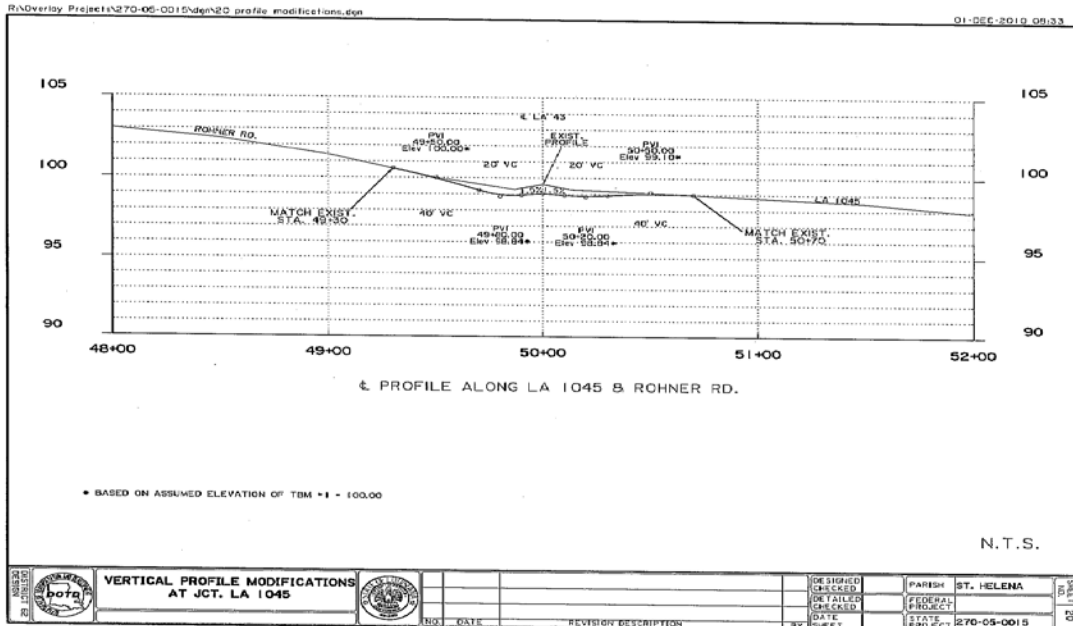
| CSLM | DIST./SIDE | PAVEMENT | | BASE (1) | | BASE (2) | | BASE (3) | | SHOULDER (1) | | SHOULDER (2) | | SHOULDER (3) | | SHOULDER (4) | | |
|-------|------------|----------|---------------|----------|--------------|----------|---------------|----------|-------|--------------|-------------|--------------|------|--------------|------|---------------|------|-------|
| | | DEPTH | WIDTH | TYPE | DEPTH | TYPE | DEPTH | TYPE | DEPTH | TYPE | DEPTH | WIDTH | TYPE | DEPTH | TYPE | DEPTH | TYPE | DEPTH |
| 5.94 | RTCL | HMAC | 0.0" - 24'10" | S-1 | 4.0" - 14.0" | S-3 | 14.0" - 24.0" | | | S-7 | 0.0" - 3.0" | 4' | S-1 | 3.0" - 14.0" | S-3 | 14.0" - 24.0" | | |
| 6.19 | RTCL | HMAC | 0.0" - 25'0" | S-1 | 3.0" - 14.0" | S-3 | 14.0" - 24.0" | | | S-7 | 0.0" - 3.0" | 4' | S-1 | 3.0" - 14.0" | S-3 | 14.0" - 24.0" | | |
| 6.61 | RTCL | HMAC | 0.0" - 25'0" | S-1 | 4.0" - 16.0" | S-4 | 16.0" - 24.0" | | | S-7 | 0.0" - 3.0" | 4' | S-1 | 3.0" - 16.0" | S-4 | 16.0" - 24.0" | | |
| 7.03 | LTCL | HMAC | 0.0" - 25'0" | S-1 | 4.0" - 15.0" | S-4 | 15.0" - 24.0" | | | S-7 | 0.0" - 3.0" | 4' | S-1 | 3.0" - 16.0" | S-4 | 16.0" - 24.0" | | |
| 7.87 | LTCL | HMAC | 0.0" - 25'0" | S-1 | 4.0" - 15.0" | S-4 | 15.0" - 24.0" | | | S-7 | 0.0" - 3.0" | 4' | S-1 | 3.0" - 15.0" | S-4 | 15.0" - 24.0" | | |
| 8.71 | RTCL | HMAC | 0.0" - 25'4" | S-1 | 4.5" - 11.0" | S-5 | 11.0" - 24.0" | | | S-8 | 0.0" - 3.0" | 4' | S-1 | 3.0" - 13.0" | S-5 | 13.0" - 24.0" | | |
| 9.55 | LTCL | HMAC | 0.0" - 25'0" | S-2 | 4.0" - 13.0" | S-3 | 13.0" - 24.0" | | | S-8 | 0.0" - 4.0" | 5' | S-2 | 4.0" - 14.0" | S-3 | 14.0" - 24.0" | | |
| 10.39 | RTCL | HMAC | 0.0" - 25'0" | S-2 | 4.0" - 14.0" | S-6 | 14.0" - 24.0" | | | S-8 | 0.0" - 4.0" | 5' | S-2 | 3.0" - 14.0" | S-6 | 14.0" - 24.0" | | |
| 10.78 | SB RDWY | HMAC | 0.0" - 4.0" | S-9 | 4.0" - 24.0" | | | | | HMAC | 0.0" - 7.0" | | S-9 | 7.0" - 24.0" | | | | |
| 10.78 | NB RDWY | HMAC | 0.0" - 4.0" | S-9 | 4.0" - 24.0" | | | | | HMAC | 0.0" - 7.0" | | S-9 | 7.0" - 24.0" | | | | |
| | SB SHLD | | 4.0" - 24.0" | | | | | | | | | | | | | | | |
| | NB SHLD | | 4.0" - 24.0" | | | | | | | | | | | | | | | |

| | |
|-----------------------|--------------------------|
| S-1 Sdy Cl Grav | S-7 Dk Brn Sty Lm & Grav |
| S-2 Blk Sdy Lm & Grav | S-8 Blk Sty Lm & Grav |
| S-3 Brn Sty Lm | S-9 Rd Sdy Cl |
| S-4 Rd Sty Cl | |
| S-5 Lt Brn Sty Cl | |
| S-6 Dk Brn Sty Cl | |

DISTRICT LABORATORY ENGINEER **7/10**
DATE

| | | | | | | | | |
|--|----------------|----------------------|--|----------|-------|-----------------|---------------|--|
| | BORINGS | | | DESIGNED | BY | PARISH | ST. HELENA | |
| | DATE | REVISION DESCRIPTION | | BY | SHEET | FEDERAL PROJECT | STATE PROJECT | |

Pavement Preservation Base & Overlay Example



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