



Division of Transportation

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April 5, 2016

ADDENDUM #1
Hunt Club Road & Wadsworth Road Resurfacing
Section 15-00999-16-RS
Lake County
Opening Time and Date
Tuesday, April 12, 2016; 10:00 a.m.

To all bidders:

The Summary of Quantities (plan sheet 6) and Typical Sections (plan sheets 7-22) have been revised to include Aggregate Shoulders, Type B. Schedule 42, Aggregate Shoulders, Type B has been added to Sheet 32

Please replace sheets 6-22, and 32 with the attached plan sheets 6-22, and 32.

The special provision for Excavating and Grading Existing Shoulder has been revised. A special provision for Aggregate Shoulders, Type B (page 23a of 111) has been added and the Table of Contents (page ii) has also been revised to include the special provision.

Please replace page ii and page 17 of 111; and insert page 23a of 111 following page 23 of 111 in the Contract Specifications.

The CBID has been revised to add AGGREGATE SHOULDERS, TYPE B. Bidders shall ensure they are using the CBID with version date 4/5/16 when preparing and submitting their bid proposal.

Very truly yours,

A handwritten signature in black ink that reads "Michael G. Zemaitis".

Michael G. Zemaitis, P.E.
Engineer of Design

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48101200 AGGREGATE SHOULDERS, TYPE B (LCDOT)

Effective: December 14, 2012

Revised: May 19, 2014

Description: This work shall consist of furnishing, placing, shaping, and compacting aggregate on a prepared subgrade adjacent to the edges of the completed pavement structure or stabilized shoulder.

Materials: The aggregate shall meet the requirements of Article 1004.04 of the "Standard Specifications" except that:

The aggregate material shall be limited to crushed gravel or crushed stone.

The plasticity index requirements will be waived.

General: The work shall be performed according to Section 481 of the "Standard Specifications".

Method of Measurement: Aggregate Shoulders, Type B will be measured for payment in tons according to Article 311.08(b) of the "Standard Specifications" except that payment will not be made for aggregate outside the plan width. The following excess moisture content correction will apply to Aggregate Shoulders, Type B:

When the unit of measurement for the aggregate is tons, the aggregate may be weighed in trucks or freight cars. The Contractor shall furnish or arrange for the use of scales of a type approved by the Engineer. If, at the time the Type B aggregate is weighed, it contains more than six percent of absorbed and free moisture by weight, a deduction for the amount of moisture in excess of this amount will be made in determining the pay quantity. Any aggregate that has been stockpiled will be weighed at the time it is incorporated into the work.

Basis of Payment: This work will be paid for at the contract unit price per ton for AGGREGATE SHOULDERS, TYPE B. *The unit price shall include all equipment, materials and labor required to furnish, weigh and place the aggregate shoulder.*

20200600 EXCAVATING AND GRADING EXISTING SHOULDER (LCDOT)

Effective: November 30, 2010

Revised: April 5, 2016

Description: This work shall consist of excavating the existing shoulder material to construct a hot-mix asphalt shoulder adjacent to an existing pavement.

General: The work shall be performed according to Section 202 of the “Standard Specifications”, and the following:

All references in Section 202 of the “Standard Specifications” to grading the existing shoulder and/or using the excavated and graded materials as backfill shall not apply to this project.

The work shall include excavating the existing shoulder material to facilitate the construction of a 6” thick hot-mix asphalt shoulder.

The removal and disposal of hot-mix asphalt shoulder material within the limits of the proposed hot-mix shoulder shall be included in the unit price per unit for EXCAVATING AND GRADING EXISTING SHOULDER. Should the Contractor elect to mill the existing hot-mix asphalt shoulder with the rest of the pavement prior to excavation, the area of the shoulder will not be included in the area calculated for HOT-MIX ASPHALT SURFACE REMOVAL of the depth included in the plans.

The excavated material shall be disposed of outside the right-of-way according to Article 202.03 of the “Standard Specifications”.

Method of Measurement: This work will be measured in place, in units (one unit equals 100 linear feet) according to Article 202.07 (b) of the “Standard Specifications”, of the actual shoulders excavated and graded.

Basis of Payment: This work will be paid for at the contract unit price per unit for EXCAVATING AND GRADING EXISTING SHOULDER. *The unit price shall include the excavation required to construct the full width of the proposed hot-mix asphalt shoulder and the disposal of excess excavated material. The unit price shall also include all equipment, labor and materials required to complete the work.*

SUMMARY OF QUANTITIES

| ITEM # | E | C | S | PAY CODE | DESCRIPTION | UNIT | QUANTITY | SCHEDULE | SHEET |
|--------|---|---|---|----------|--|-------|----------|----------|-------|
| 1 | | | S | 20200600 | EXCAVATING AND GRADING EXISTING SHOULDER | UNIT | 543 | 1 | 7 |
| 2 | | C | | 21400100 | GRADING AND SHAPING DITCHES | FOOT | 500 | N/A | N/A |
| 3 | | | S | 35101400 | AGGREGATE BASE COURSE, TYPE B | TON | 691 | 2 | 7 |
| 4 | | | | 40600290 | BITUMINOUS MATERIALS (TACK COAT) | LB | 113265 | 3 | 7 |
| 5 | | C | S | 40600525 | LEVELING BINDER (HAND METHOD), N50 | TON | 20 | N/A | N/A |
| 6 | | C | S | 40600535 | LEVELING BINDER (HAND METHOD), N70 | TON | 20 | N/A | N/A |
| 7 | | | | 40600625 | LEVELING BINDER (MACHINE METHOD), N50 | TON | 2067 | 4 | 7 |
| 8 | | | | 40600725 | POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 | TON | 1344 | 5 | 7 |
| 9 | | | | 40603080 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | TON | 10403 | 6 | 8 |
| 10 | | | | 40603085 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 | TON | 2165 | 7 | 8 |
| 11 | | | | 40603335 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | 5833 | 8 | 8 |
| 12 | | | | 40603340 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 | TON | 3546 | 9 | 9 |
| 13 | | | S | 42001300 | PROTECTIVE COAT | SQ YD | 723 | 10 | 10 |
| 14 | | | | 44000100 | PAVEMENT REMOVAL | SQ YD | 1420 | 11 | 10 |
| 15 | | | S | 44000155 | HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" | SQ YD | 750 | 12 | 9 |
| 16 | | | S | 44000158 | HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" | SQ YD | 34126 | 12 | 9 |
| 17 | | | S | 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2" | SQ YD | 51261 | 12 | 9 |
| 18 | | | S | 44000164 | HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4" | SQ YD | 3377 | 12 | 9 |
| 19 | | | | 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 283 | 13 | 10 |
| 20 | | | | 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 656 | 14 | 10 |
| 21 | E | | S | 44201713 | CLASS D PATCHES, TYPE I, 6 INCH | SQ YD | 18 | 15 | 10 |
| 22 | E | | S | 44201717 | CLASS D PATCHES, TYPE II, 6 INCH | SQ YD | 27 | 15 | 10 |
| 23 | E | | S | 44201721 | CLASS D PATCHES, TYPE III, 6 INCH | SQ YD | 80 | 15 | 10 |
| 24 | E | | S | 44201723 | CLASS D PATCHES, TYPE IV, 6 INCH | SQ YD | 53 | 15 | 10 |
| 25 | E | | S | 44201725 | CLASS D PATCHES, TYPE I, 7 INCH | SQ YD | 186 | 15 | 10 |
| 26 | E | | S | 44201729 | CLASS D PATCHES, TYPE II, 7 INCH | SQ YD | 278 | 15 | 10 |
| 27 | E | | S | 44201733 | CLASS D PATCHES, TYPE III, 7 INCH | SQ YD | 835 | 15 | 10 |
| 28 | E | | S | 44201735 | CLASS D PATCHES, TYPE IV, 7 INCH | SQ YD | 557 | 15 | 10 |
| 29 | E | | S | 44201737 | CLASS D PATCHES, TYPE I, 8 INCH | SQ YD | 79 | 15 | 10 |
| 30 | E | | S | 44201741 | CLASS D PATCHES, TYPE II, 8 INCH | SQ YD | 119 | 15 | 10 |
| 31 | E | | S | 44201745 | CLASS D PATCHES, TYPE III, 8 INCH | SQ YD | 357 | 15 | 10 |
| 32 | E | | S | 44201747 | CLASS D PATCHES, TYPE IV, 8 INCH | SQ YD | 238 | 15 | 10 |
| 33 | E | | S | 44201749 | CLASS D PATCHES, TYPE I, 9 INCH | SQ YD | 80 | 15 | 10 |
| 34 | E | | S | 44201753 | CLASS D PATCHES, TYPE II, 9 INCH | SQ YD | 121 | 15 | 10 |
| 35 | E | | S | 44201757 | CLASS D PATCHES, TYPE III, 9 INCH | SQ YD | 362 | 15 | 10 |
| 36 | E | | S | 44201759 | CLASS D PATCHES, TYPE IV, 9 INCH | SQ YD | 241 | 15 | 10 |
| 37 | E | | S | 44201785 | CLASS D PATCHES, TYPE I, 12 INCH | SQ YD | 56 | 15 | 10 |
| 38 | E | | S | 44201789 | CLASS D PATCHES, TYPE II, 12 INCH | SQ YD | 84 | 15 | 10 |
| 39 | E | | S | 44201794 | CLASS D PATCHES, TYPE III, 12 INCH | SQ YD | 251 | 15 | 10 |
| 40 | E | | S | 44201796 | CLASS D PATCHES, TYPE IV, 12 INCH | SQ YD | 167 | 15 | 10 |
| 41 | | | | 44300100 | AREA REFLECTIVE CRACK CONTROL TREATMENT | SQ YD | 51261 | 16 | 10 |
| 42 | E | | S | 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 2250 | 42 | 14 |
| 43 | | C | | 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | 6 | N/A | N/A |
| 44 | | C | | 550A0050 | STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 200 | N/A | N/A |
| 45 | | C | | 55100400 | STORM SEWER REMOVAL 10" | FOOT | 200 | N/A | N/A |
| 46 | | | | 60208240 | CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE | EACH | 6 | 17 | 11 |
| 47 | | | | 60250200 | CATCH BASINS TO BE ADJUSTED | EACH | 1 | 17 | 11 |
| 48 | | | | 60255500 | MANHOLES TO BE ADJUSTED | EACH | 3 | 17 | 11 |
| 49 | | | | 60500050 | REMOVING CATCH BASINS | EACH | 6 | 17 | 11 |
| 50 | | | S | 60605100 | COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT) | FOOT | 2168 | 18 | 11 |
| 51 | | | | 63000001 | STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS | FOOT | 950.0 | 19 | 11 |
| 52 | | | | 63000003 | STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS | FOOT | 1512.5 | 19 | 11 |
| 53 | | | | 63100041 | TRAFFIC BARRIER TERMINAL, TYPE 1B | EACH | 6 | 19 | 11 |
| 54 | | | | 63100045 | TRAFFIC BARRIER TERMINAL, TYPE 2 | EACH | 4 | 19 | 11 |
| 55 | | | S | 63100167 | TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) | EACH | 2 | 19 | 11 |

SUMMARY OF QUANTITIES

| ITEM # | E | C | S | PAY CODE | DESCRIPTION | UNIT | QUANTITY | SCHEDULE | SHEET |
|--------|---|---|-----|----------|---|--------|----------|----------|-------|
| 56 | | | | 63200310 | GUARDRAIL REMOVAL | FOOT | 2750 | 20 | 11 |
| 57 | | | | 67100100 | MOBILIZATION | L SUM | 1 | N/A | N/A |
| 58 | | | | 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 21269 | 21 | 11 |
| 59 | | | | 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 1968 | N/A | N/A |
| 60 | | | | 70300210 | TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 94 | 22 | 12 |
| 61 | | | | 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 59100 | 23 | 12 |
| 62 | | | | 70300230 | TEMPORARY PAVEMENT MARKING - LINE 5" | FOOT | 57658 | 24 | 12 |
| 63 | | | | 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 388 | 25 | 12 |
| 64 | | | | 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 534 | 26 | 12 |
| 65 | | | | 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 46 | 26 | 12 |
| 66 | | | | 70300520 | PAVEMENT MARKING TAPE, TYPE III 4" | FOOT | 5903 | 27 | 12 |
| 67 | | | S | 78000300 | THERMOPLASTIC PAVEMENT MARKING - LINE 5" | FOOT | 1314 | 30 | 13 |
| 68 | | | | 78001110 | PAINT PAVEMENT MARKING - LINE 4" | FOOT | 30614 | 33 | 13 |
| 69 | | | | 78001120 | PAINT PAVEMENT MARKING - LINE 5" | FOOT | 56344 | 34 | 13 |
| 70 | | | S | 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 141 | 35 | 13 |
| 71 | | | S | 88600600 | DETECTOR LOOP REPLACEMENT | FOOT | 453 | 36 | 14 |
| 72 | | | S | LC200051 | REJECTED LOAD TRANSPORTATION | LOAD | 3 | N/A | N/A |
| 73 | | | S | LC600200 | INSTALL SURVEY MONUMENTS | EACH | 6 | 37 | 14 |
| 74 | | | S | LC780020 | GROOVED THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS | SQ FT | 109 | 28 | 13 |
| 75 | | | S | LC780021 | GROOVED THERMOPLASTIC PAVEMENT MARKINGS - LINE 4" | FOOT | 5224 | 29 | 13 |
| 76 | | | S | LC780023 | GROOVED THERMOPLASTIC PAVEMENT MARKINGS - LINE 6" | FOOT | 467 | 31 | 13 |
| 77 | | | S | LC780025 | GROOVED THERMOPLASTIC PAVEMENT MARKINGS - LINE 12" | FOOT | 534 | 32 | 13 |
| 78 | | | S | LC780026 | GROOVED THERMOPLASTIC PAVEMENT MARKINGS - LINE 24" | FOOT | 80 | 32 | 13 |
| 79 | | | S | LC782000 | GUARDRAIL REFLECTORS | EACH | 106 | 19 | 11 |
| 80 | | | S | LC800150 | REBUILD EXISTING HEAVY DUTY HANDHOLE | EACH | 1 | 38 | 14 |
| 81 | | | S | X4401198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 2653 | 12 | 9 |
| 82 | | | S | X6700405 | ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED) | CAL MO | 3 | N/A | N/A |
| 83 | | | S | X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 | N/A | N/A |
| 84 | | | S | X7810300 | RECESSED REFLECTIVE PAVEMENT MARKER | EACH | 142 | 39 | 14 |
| 85 | | | C S | XX000586 | MAILBOX REMOVAL AND RELOCATION | EACH | 7 | N/A | N/A |
| 86 | E | | S | XX006343 | SEEDING (COMPLETE) | SQ YD | 10128 | 40 | 14 |
| 87 | | | S | XX006947 | HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT | SQ YD | 1005 | 41 | 14 |
| 88 | | | S | Z0062450 | SAWING PAVEMENT (FULL DEPTH) | FOOT | 1477 | 11 | 10 |
| | | | E | | ESTIMATED OR CONTINGENCY ITEM | | | | |
| | | | C | | CONTINGENCY QUANTITY | | | | |
| | | | S | | REQUIRES SPECIAL PROVISION | | | | |

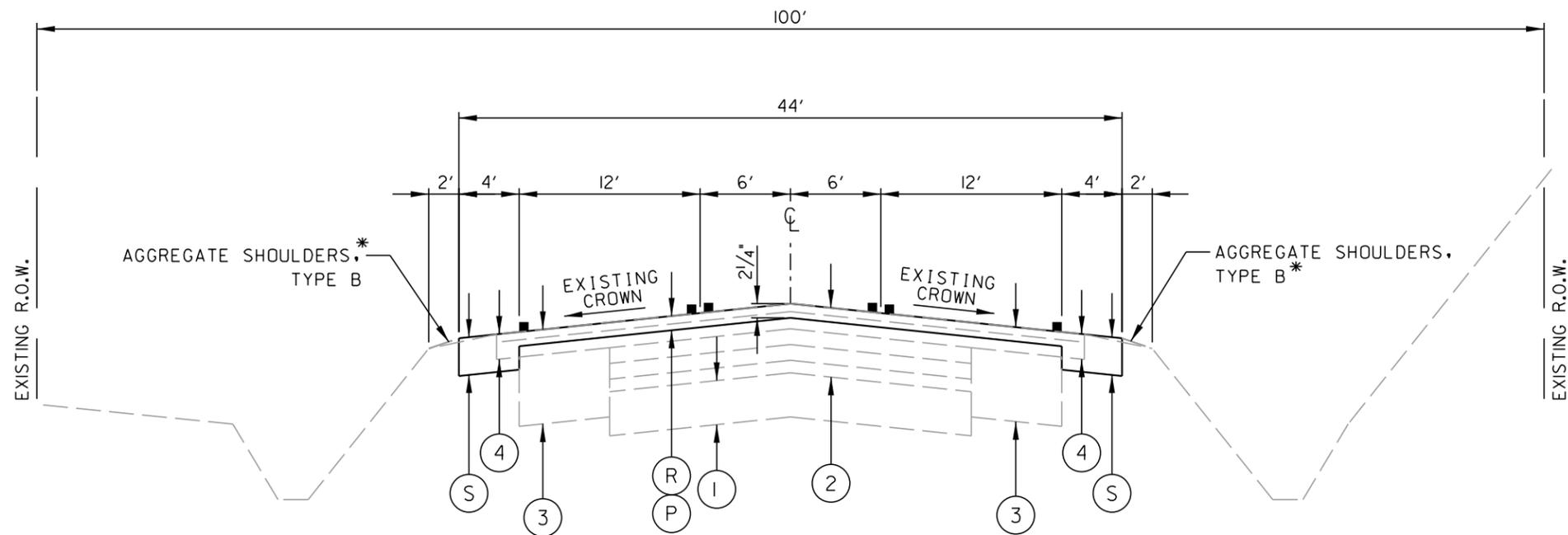
| NO. | DESCRIPTION | DATE | BY | SURVEYOR |
|-----|---------------------|----------|-----|------------------------------|
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN |
| | | / / | | PLOTTED BY: hdi7512 4/5/2016 |

HUNT CLUB ROAD & WADSWORTH ROAD RESURFACING



SUMMARY OF QUANTITIES HUNT CLUB ROAD & WADSWORTH ROAD

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 6 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 7" GRAVEL COURSE, TYPE B
- ② 13" HMA PAVEMENT
BASE COURSE: 7"
BINDER COURSE: 4 3/4"
SURFACE COURSE: 1 1/4"
- ③ 15" HMA PAVEMENT
BASE COURSE: 11"
BINDER COURSE: 2 3/4"
SURFACE COURSE: 1 1/4"
- ④ 4" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/4" HMA SURFACE REMOVAL

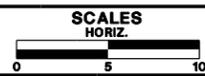
PROPOSED PAVEMENT:

- Ⓟ 3/4" HMA LEVELING BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(STEARNS SCHOOL RD TO MILLBURN RD)
STA. 33+14.5 TO 36+45.2**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

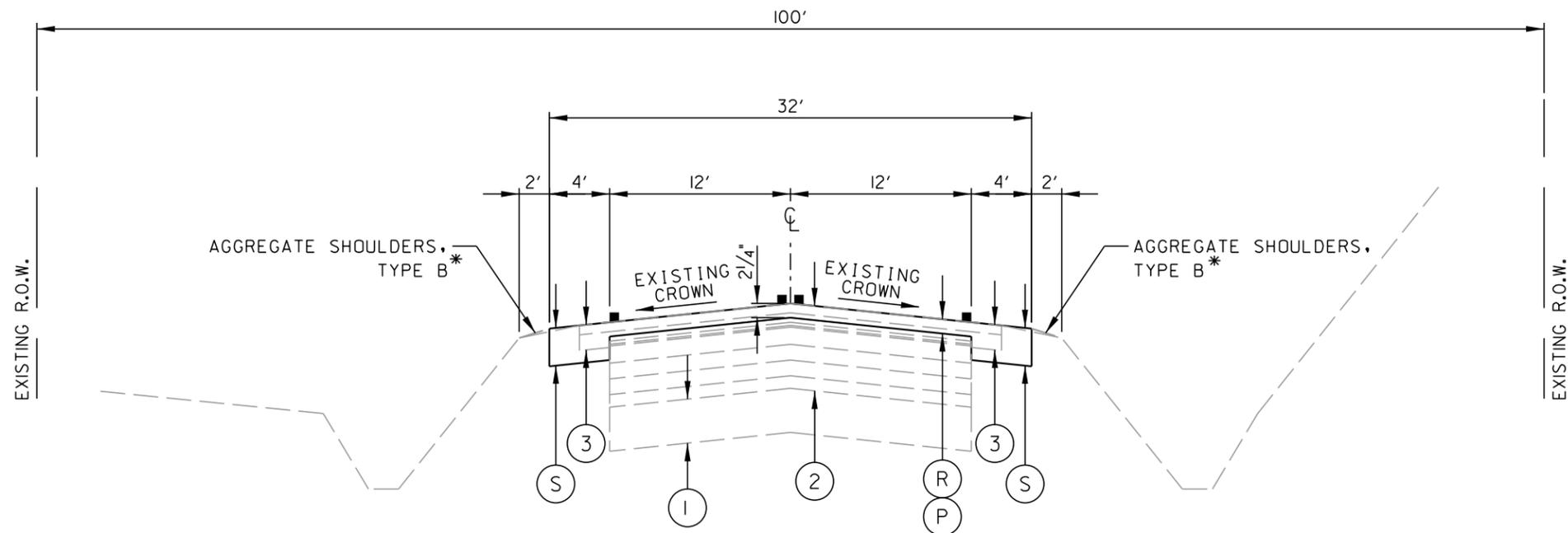


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 7 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 7" GRAVEL COURSE, TYPE B
- ② 15 1/2" HMA PAVEMENT
BASE COURSES: 7"
LEVELING COURSE: 1/2"
BINDER COURSE: 4 3/4"
SURFACE COURSE: 1 3/4"
- ③ 4" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/4" HMA SURFACE REMOVAL

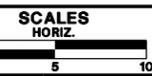
PROPOSED PAVEMENT:

- Ⓟ 3/4" HMA LEVELING BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(STEARNS SCHOOL RD TO MILLBURN RD)
STA. 36+45.2 TO 37+68.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

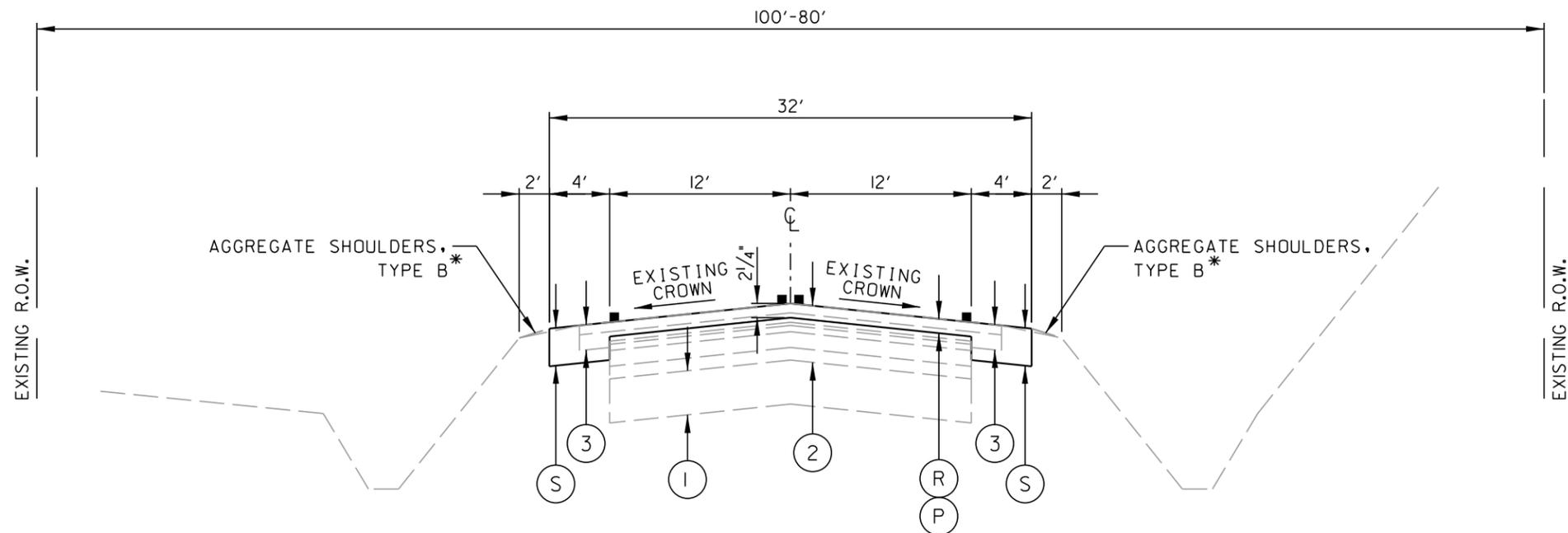


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 8 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 7" GRAVEL COURSE, TYPE B
- ② 1 1/2" HMA PAVEMENT
BASE COURSES: 7"
LEVELING COURSE: 1/2"
BINDER COURSE: 2 1/2"
SURFACE COURSE: 1 1/2"
- ③ 4" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/4" HMA SURFACE REMOVAL

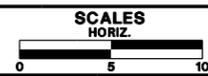
PROPOSED PAVEMENT:

- Ⓟ 3/4" HMA LEVELING BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(STEARNS SCHOOL RD TO MILLBURN RD)
STA. 37+68.0 TO 88+00.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

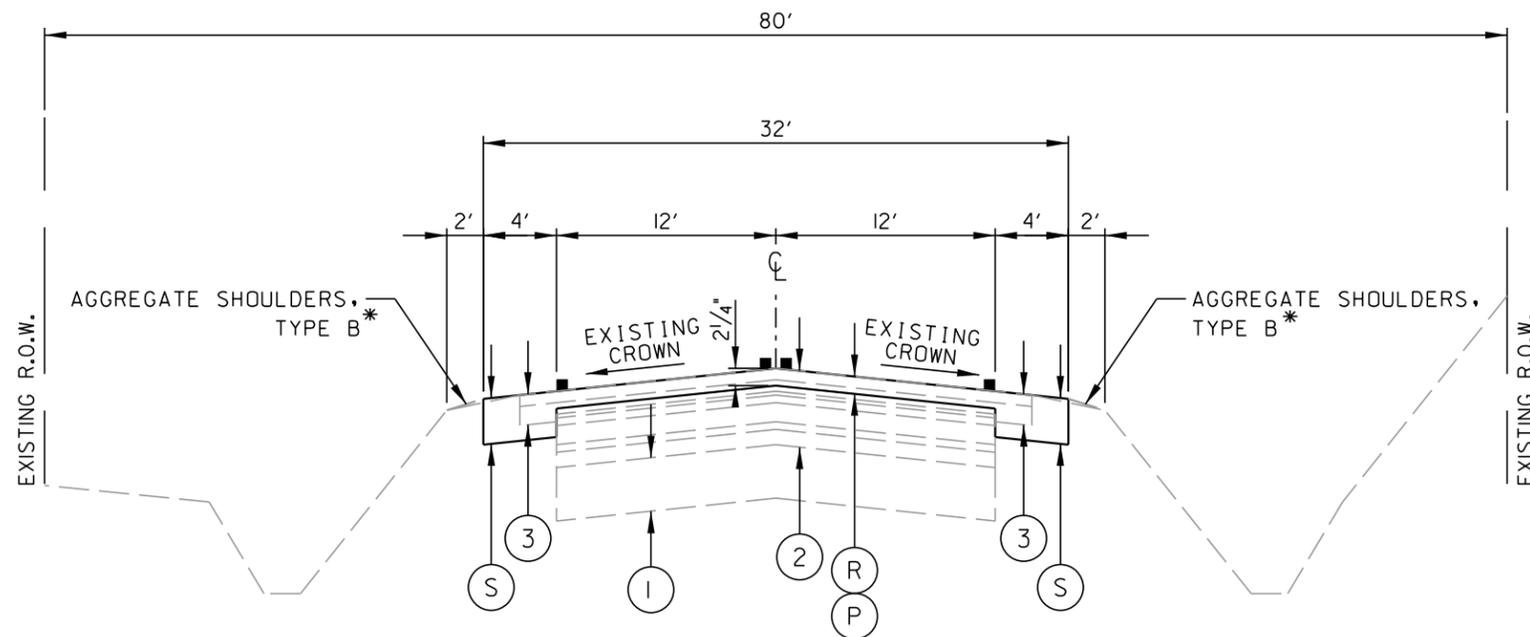


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 9 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 7" GRAVEL COURSE, TYPE B
- ② 10" HMA PAVEMENT
BASE COURSES: 5 1/2"
LEVELING COURSE: 1/2"
BINDER COURSE: 2 1/2"
SURFACE COURSE: 1 1/2"
- ③ 4" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/4" HMA SURFACE REMOVAL

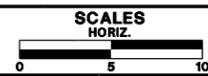
PROPOSED PAVEMENT:

- Ⓟ 3/4" HMA LEVELING BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(STEARNS SCHOOL RD TO MILLBURN RD)
STA. 88+00.0 TO 90+85.3
STA. 102+32.4 TO 113+31.2
STA. 118+91.0 TO 122+82.2
STA. 131+99.9 TO 139+19.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

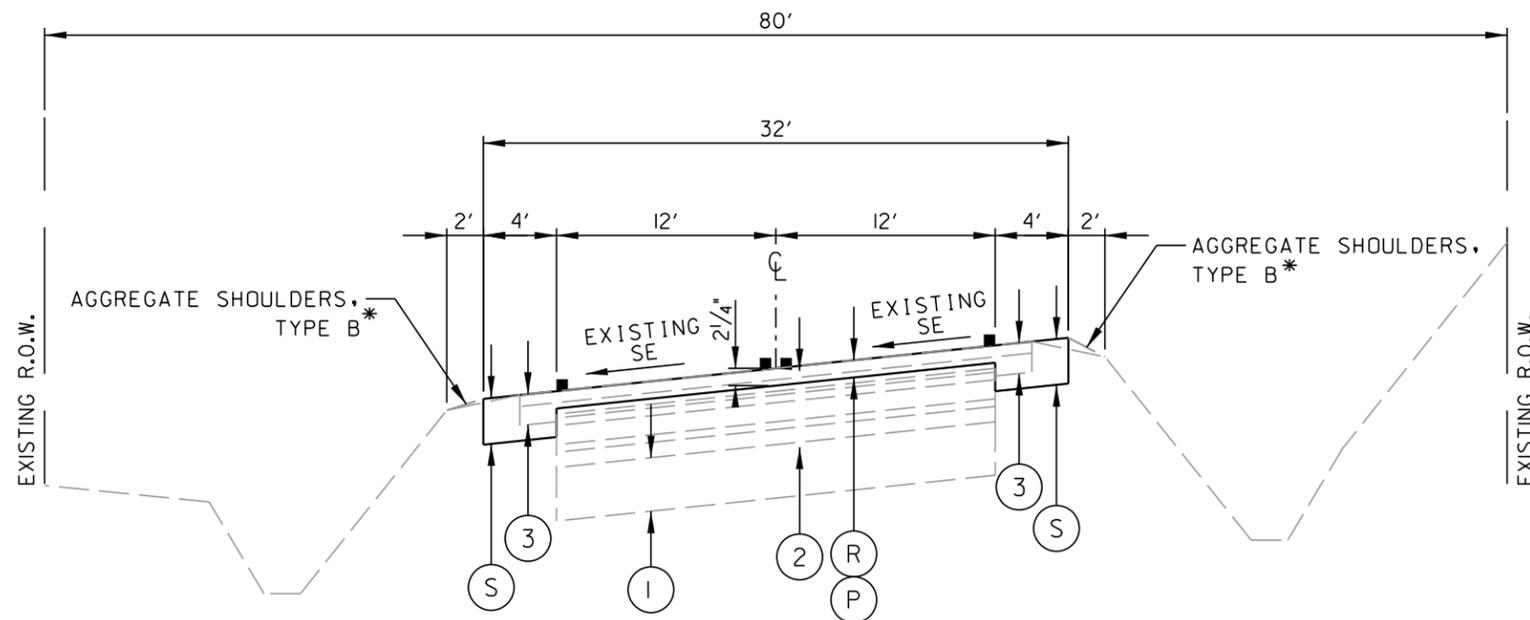


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 10 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 7" GRAVEL COURSE, TYPE B
- ② 10" HMA PAVEMENT
BASE COURSES: 5 1/2"
LEVELING COURSE: 1/2"
BINDER COURSE: 2 1/2"
SURFACE COURSE: 1 1/2"
- ③ 4" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/4" HMA SURFACE REMOVAL

PROPOSED PAVEMENT:

- Ⓟ 3/4" HMA LEVELING BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(STEARNS SCHOOL RD TO MILLBURN RD)
STA. 90+85.3 TO 102+32.4**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

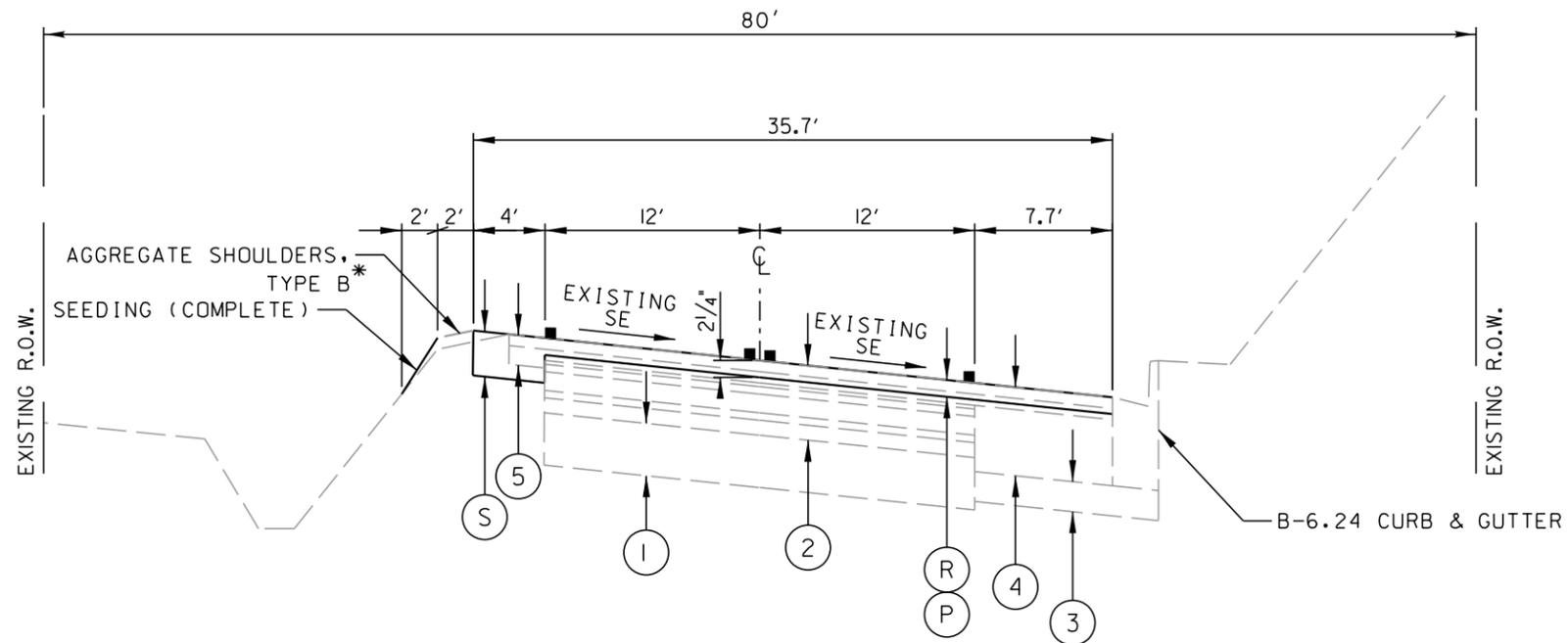


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 11 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

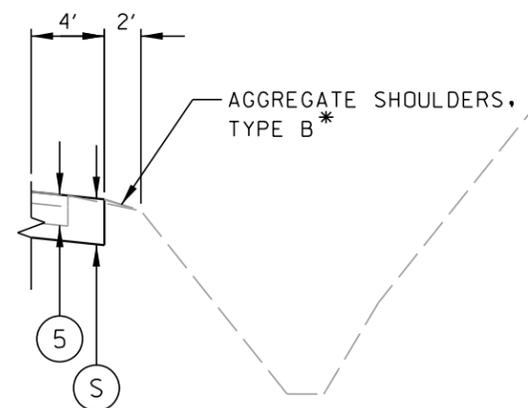
- | | |
|--|--|
| ① 7" GRAVEL COURSE, TYPE B | ③ 4" AGREGATE BASE COURSE, TYPE B |
| ② 10" HMA PAVEMENT BASE COURSES: 5 1/2" LEVELING COURSE: 1/2" BINDER COURSE: 2 1/2" SURFACE COURSE: 1 1/2" | ④ 12 1/2" HMA PAVEMENT BASE COURSES: 9" LEVELING COURSE: 1/2" BINDER COURSE: 1 1/2" SURFACE COURSE: 1 1/2" |
| | ⑤ 4" BITUMINOUS SHOULDER BINDER COURSE: 4 1/2" SURFACE COURSE: 1 1/2" |

REMOVALS:

- ④ 2 1/4" HMA SURFACE REMOVAL

PROPOSED PAVEMENT:

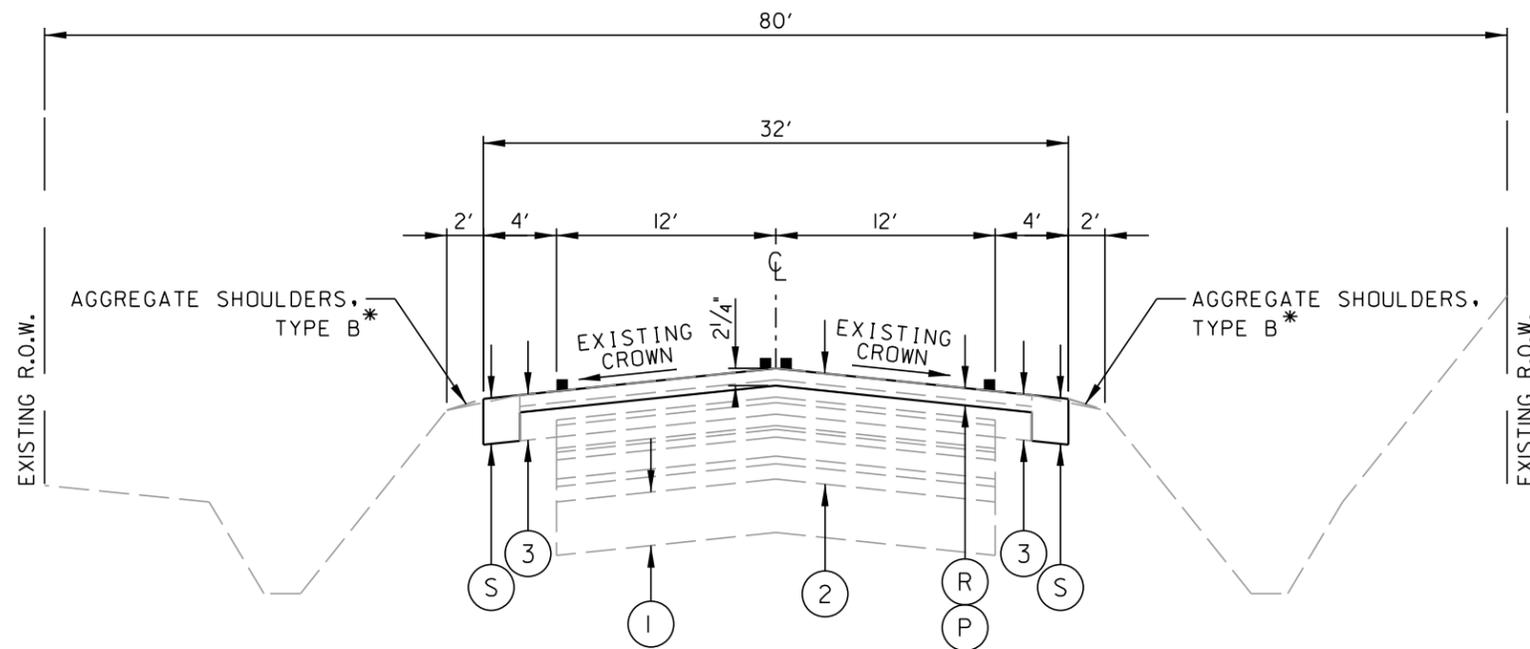
- ④ 3/4" HMA LEVELING BINDER COURSE
1 1/2" HMA SURFACE COURSE
- ⑤ 6" HMA SHOULDER



STA 130+87.55 - 131+99.88

*Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(STEARNS SCHOOL RD TO MILLBURN RD)
STA. 122+82.2 TO 131+99.9**



EXISTING PAVEMENT (FROM RECORDS):

- ① 7" GRAVEL COURSE, TYPE B
- ② 14 1/2" HMA PAVEMENT
BASE COURSES: 10"
LEVELING COURSE: 3/4"
BINDER COURSE: 2 1/4"
SURFACE COURSE: 1 1/2"
- ③ 6" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/4" HMA SURFACE REMOVAL

PROPOSED PAVEMENT:

- Ⓟ 3/4" HMA LEVELING BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(STEARNS SCHOOL RD TO MILLBURN RD)
STA. 113+31.2 TO 118+91.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

8"
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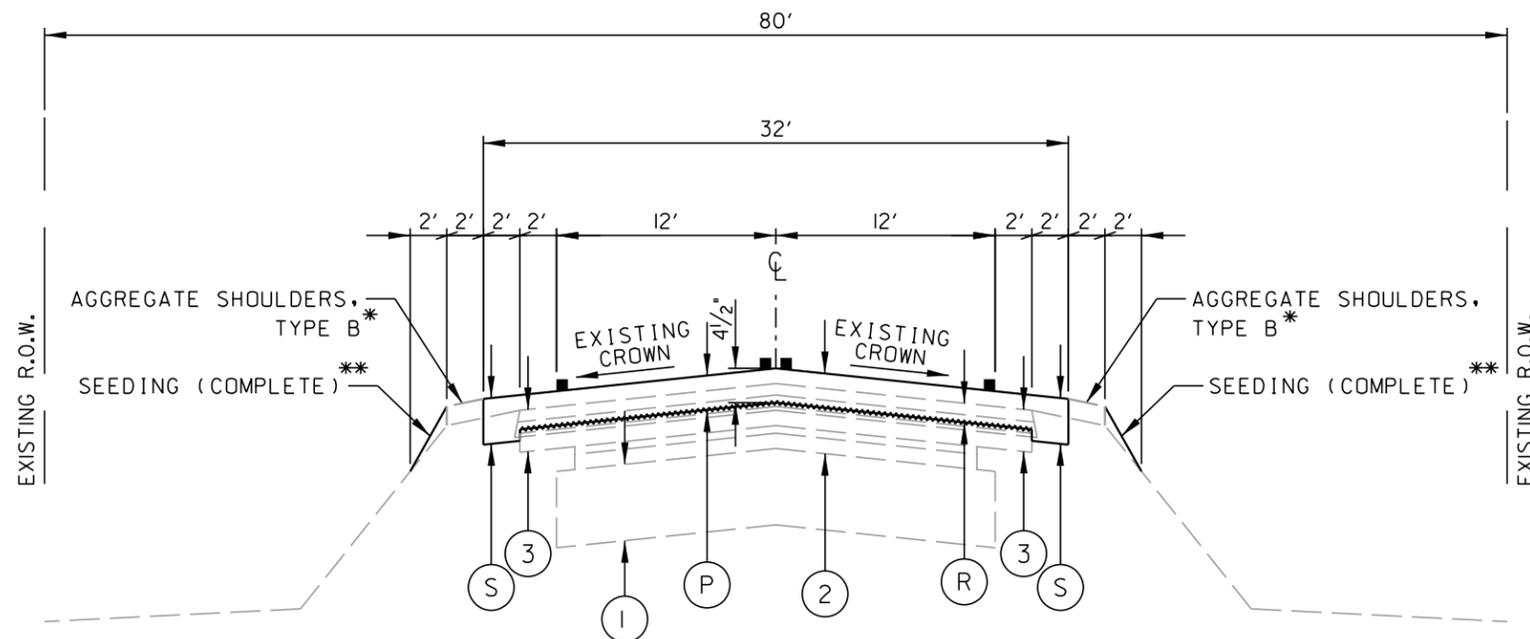
SCALES
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0 5 10

**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 13 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 10" GRAVEL COURSE, TYPE B
- ② 9 1/2" HMA PAVEMENT
BASE COURSES: 6"
LEVELING COURSE: 1/2"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 5 1/2" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/2" HMA SURFACE REMOVAL

PROPOSED PAVEMENT:

- Ⓟ AREA REFLECTIVE CRACK CONTROL TREATMENT
3/4" HMA LEVELING BINDER COURSE
2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

* Quantity estimated at two feet wide by four inches average thickness

** Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(WADSWORTH RD TO IL 173)
STA. 5+58.0 TO 43+55.5
STA. 44+62.0 TO 121+14.0
124+74.0 TO 125+45.2**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

8"
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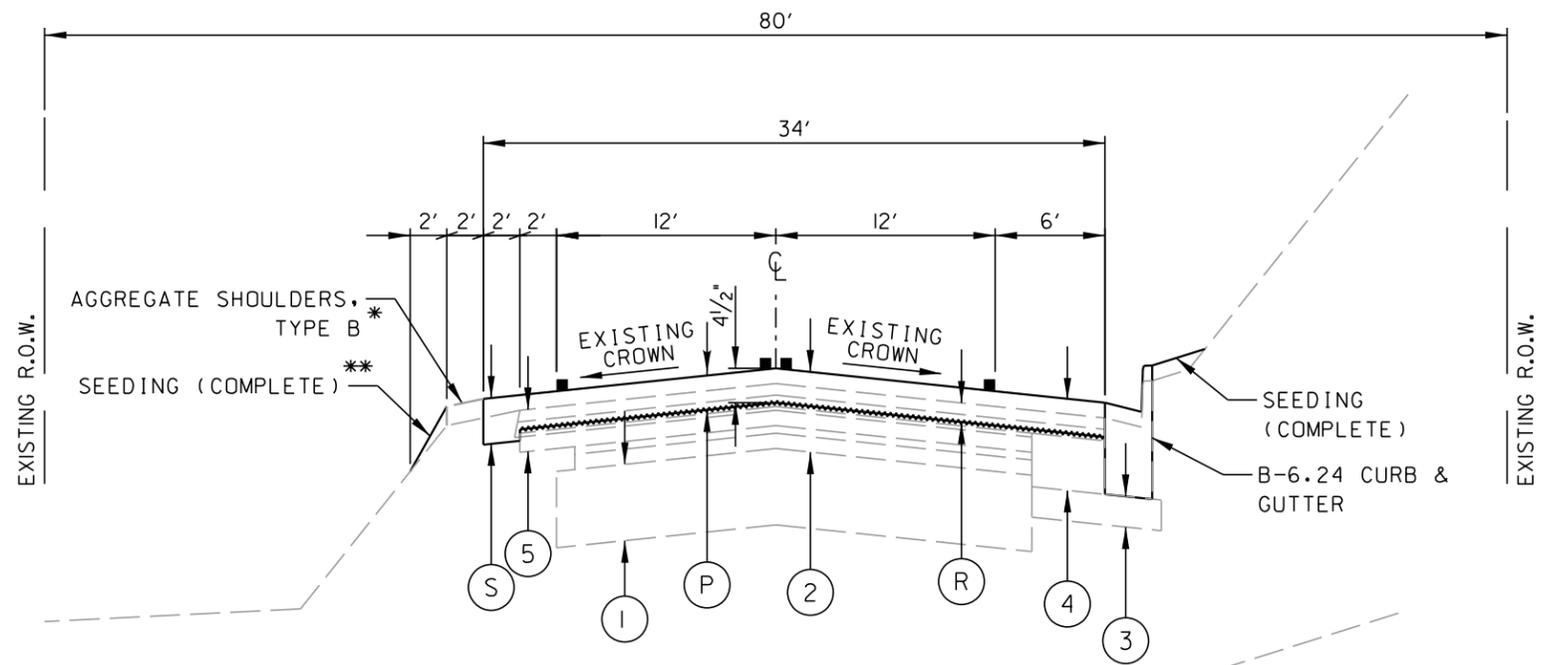
SCALES
HORIZ.
0 5 10

**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**

Lake County
Division of Transportation

**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 14 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

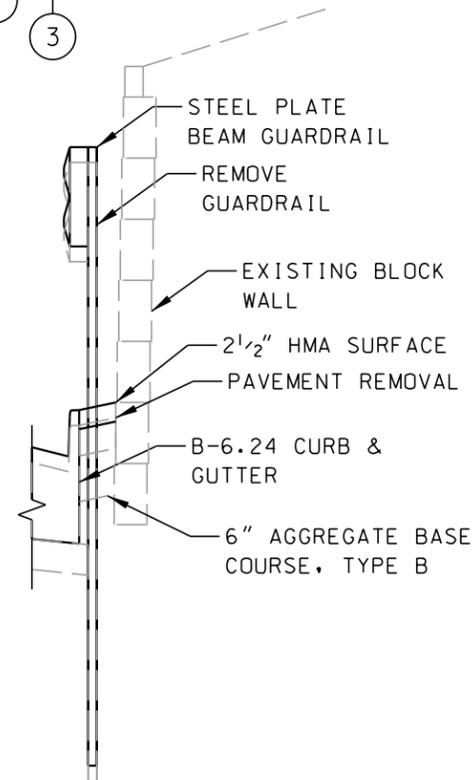
- ① 10" GRAVEL COURSE, TYPE B
- ② 9 1/2" HMA PAVEMENT
BASE COURSES: 6"
LEVELING COURSE: 1/2"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 4" AGGREGATE BASE COURSE, TYPE A
- ④ 10" HMA PAVEMENT
BASE COURSES: 7"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ⑤ 5 1/2" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/2" HMA SURFACE REMOVAL

PROPOSED PAVEMENT:

- Ⓟ AREA REFLECTIVE CRACK CONTROL TREATMENT
3/4" HMA LEVELING BINDER COURSE
2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

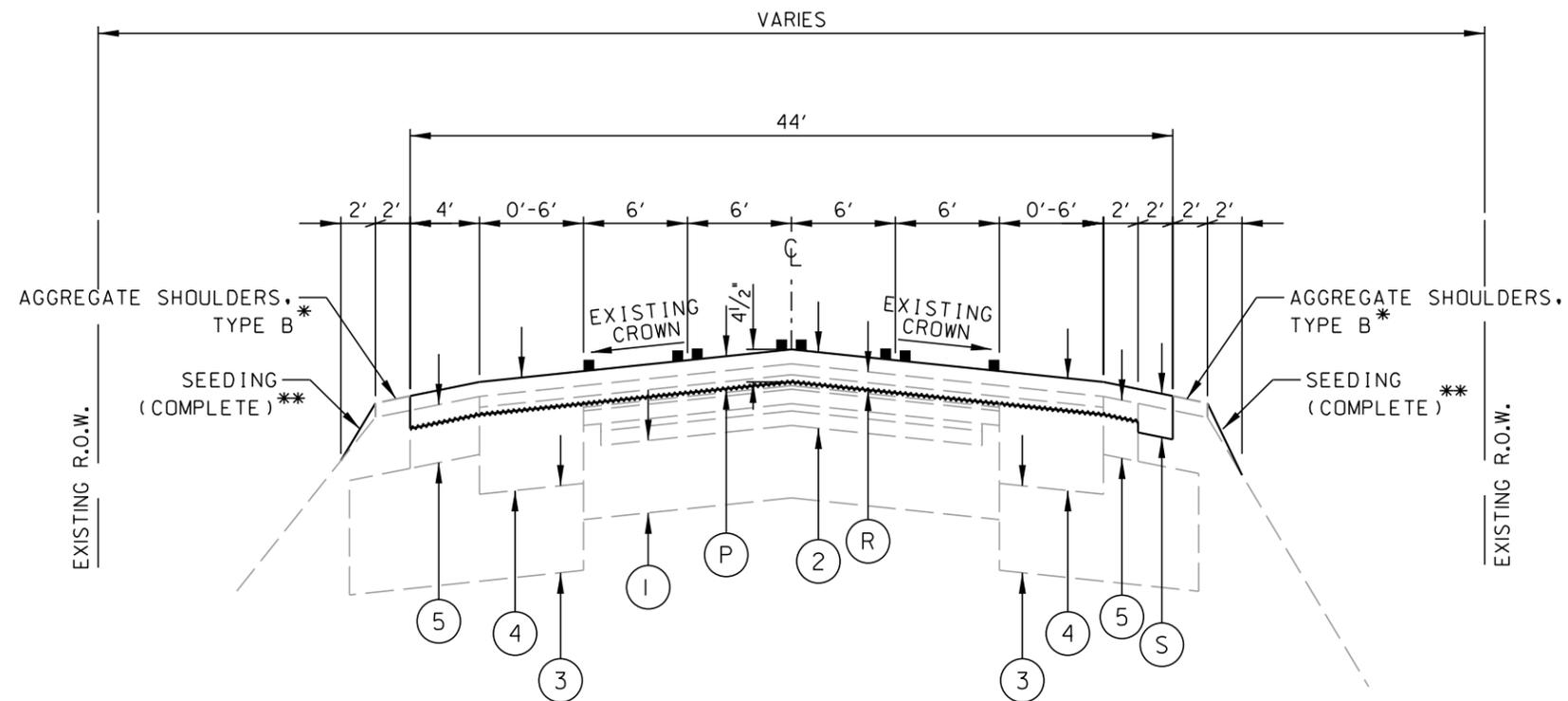


* Quantity estimated at two feet wide by four inches average thickness

** Quantity estimated at two feet wide by two inches average thickness

STA 43+55.5 - 44+62.0

**HUNT CLUB ROAD
(WADSWORTH RD TO IL 173)
STA. 43+55.5 TO 44+62.0
STA. 121+14.0 TO 124+74.0**



EXISTING PAVEMENT (FROM RECORDS):

- ① 10" GRAVEL COURSE, TYPE B
- ② 9 1/2" HMA PAVEMENT
BASE COURSES: 6"
LEVELING COURSE: 1/2"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 12" AGGREGATE BASE
- ④ 13 1/2" HMA PAVEMENT
BINDER COURSE: 12"
LEVELING COURSE: 1"
SURFACE COURSE: 1 1/2"
- ⑤ 8" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/2" HMA SURFACE REMOVAL

PROPOSED PAVEMENT:

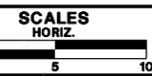
- Ⓟ AREA REFLECTIVE CRACK CONTROL TREATMENT
3/4" HMA LEVELING BINDER COURSE
2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by four inches average thickness

**Quantity estimated at two feet wide by two inches average thickness

**HUNT CLUB ROAD
(WADSWORTH RD TO IL 173)
STA. 125+45.2 TO 132+05.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

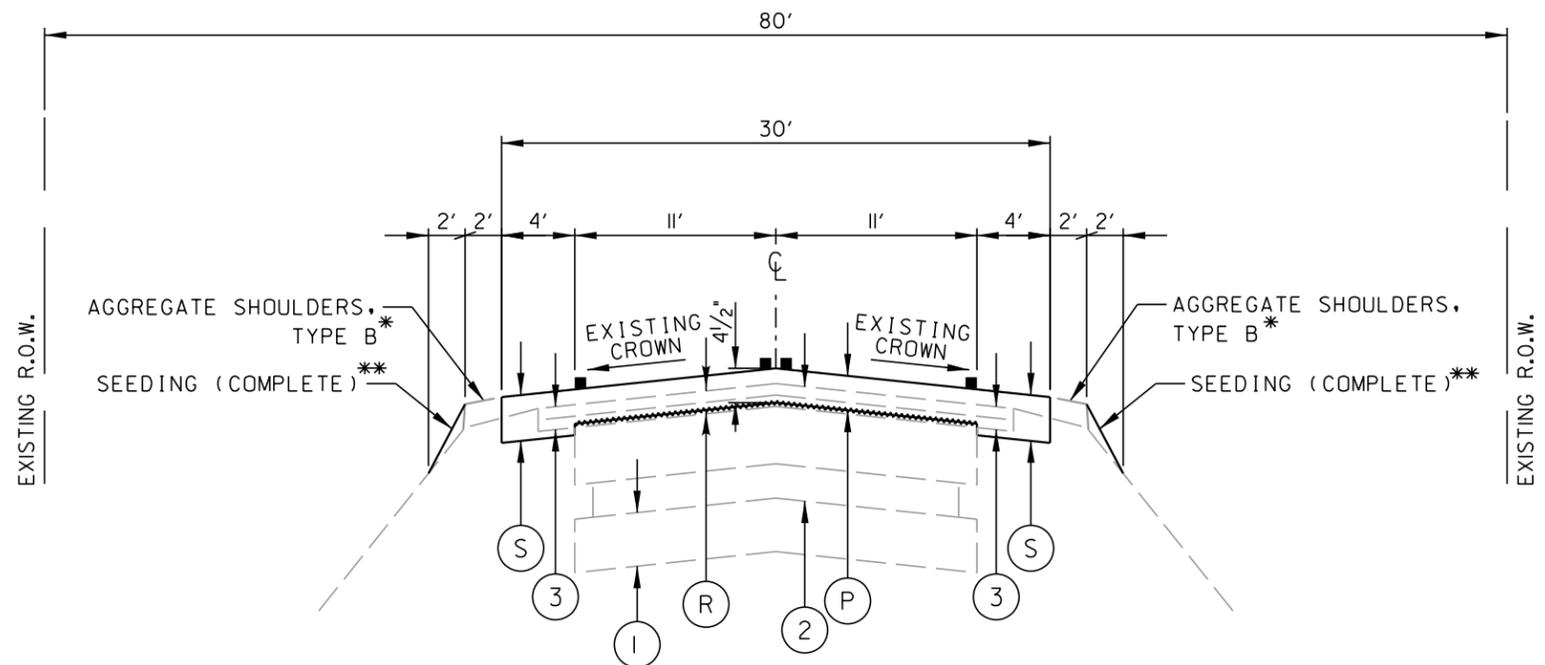


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 16 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 7" GRAVEL COURSE, TYPE B
- ② 15" HMA PAVEMENT
BASE COURSES: 12"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 3" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/2" HMA SURFACE REMOVAL
- ③ EXCAVATING AND GRADING EXISTING SHOULDER

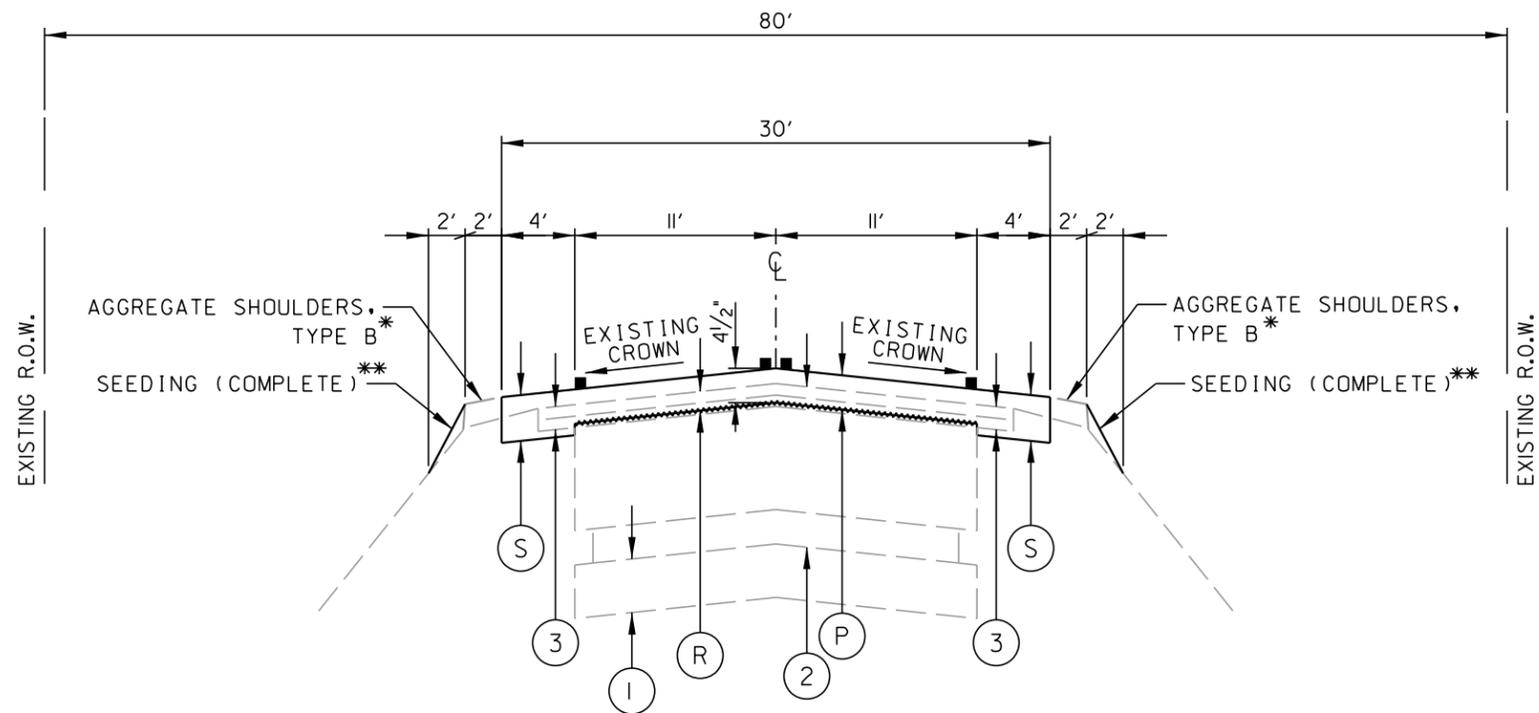
PROPOSED PAVEMENT:

- Ⓟ AREA REFLECTIVE CRACK CONTROL TREATMENT
3/4" HMA LEVELING BINDER COURSE
2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by four inches average thickness

**Quantity estimated at two feet wide by two inches average thickness

**WADSWORTH ROAD
STA. 117+97.0 TO 151+00.0**



EXISTING PAVEMENT (FROM RECORDS):

- ① 7" GRAVEL COURSE, TYPE B
- ② 2" HMA PAVEMENT
BASE COURSES: 18"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 3" BITUMINOUS SHOULDER

REMOVALS:

- Ⓡ 2 1/2" HMA SURFACE REMOVAL
- ③ EXCAVATING AND GRADING EXISTING SHOULDER

PROPOSED PAVEMENT:

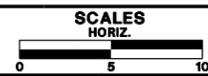
- Ⓟ AREA REFLECTIVE CRACK CONTROL TREATMENT
3/4" HMA LEVELING BINDER COURSE
2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by four inches average thickness

**Quantity estimated at two feet wide by two inches average thickness

**WADSWORTH ROAD
STA. 151+00.0 TO 154+48.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

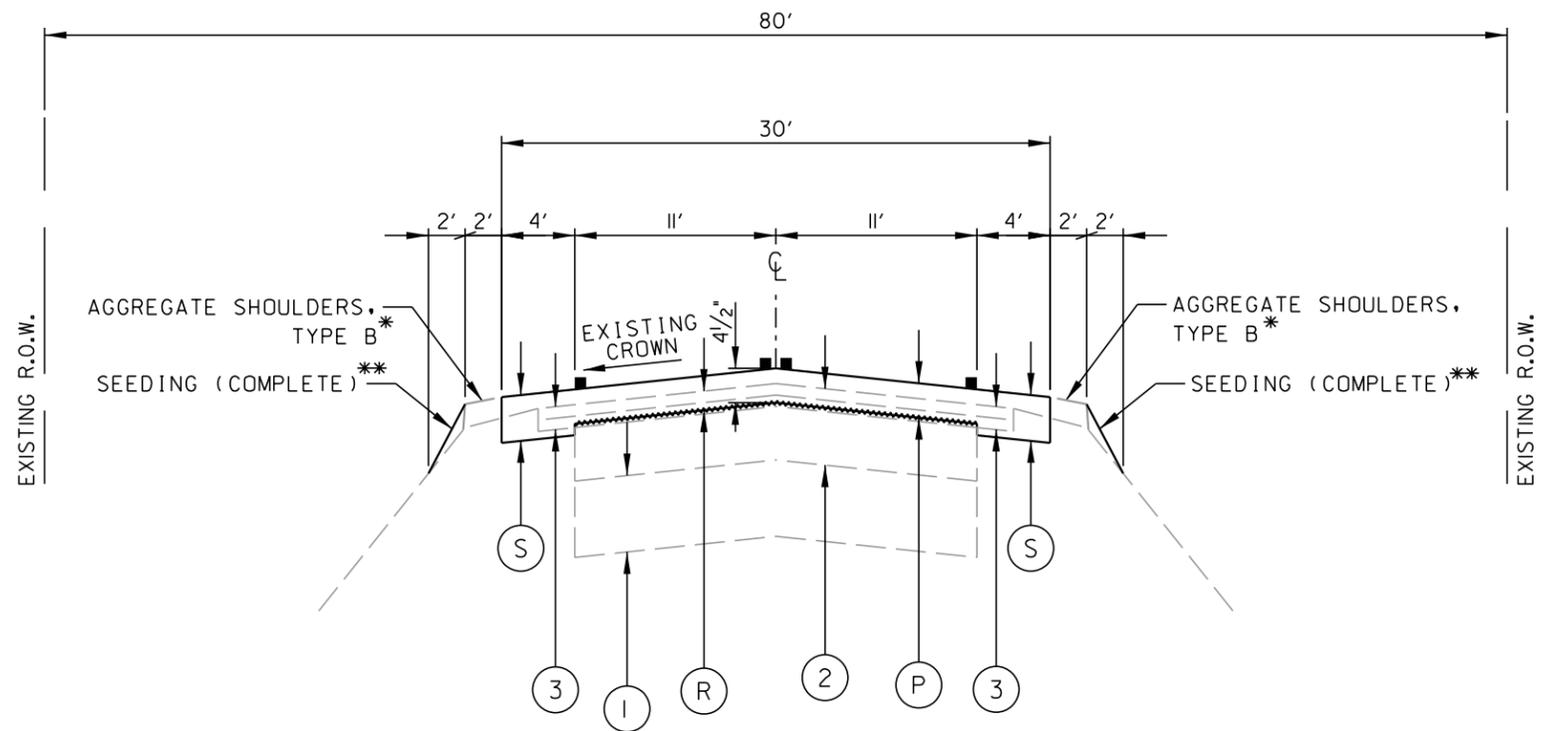


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 18 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 10" GRAVEL
- ② 8" HMA PAVEMENT
BASE COURSES: 5"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 3" HMA PAVED SHOULDER

REMOVALS:

- Ⓡ 2 1/2" HMA SURFACE REMOVAL
- ③ EXCAVATING AND GRADING EXISTING SHOULDER

PROPOSED PAVEMENT:

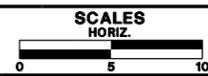
- Ⓟ AREA REFLECTIVE CRACK CONTROL TREATMENT
3/4" HMA LEVELING BINDER COURSE
2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by four inches average thickness

**Quantity estimated at two feet wide by two inches average thickness

**WADSWORTH ROAD
STA. 154+48.0 TO 157+70.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

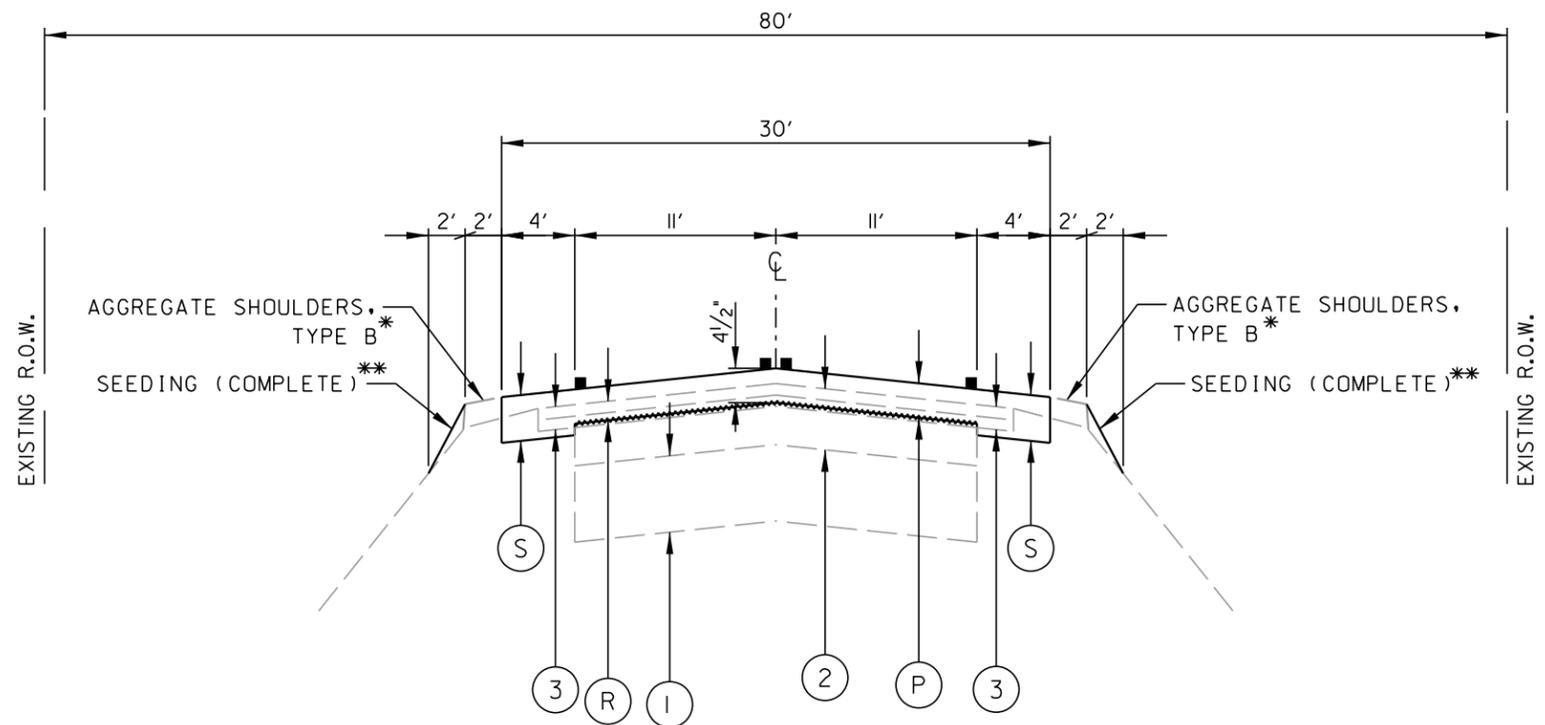


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 19 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 10" GRAVEL
- ② 8" HMA PAVEMENT
BASE COURSES: 5"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 3" HMA PAVED SHOULDER

REMOVALS:

- Ⓡ 2 1/2" HMA SURFACE REMOVAL
- ③ EXCAVATING AND GRADING EXISTING SHOULDER

PROPOSED PAVEMENT:

- Ⓟ AREA REFLECTIVE CRACK CONTROL TREATMENT
3/4" HMA LEVELING BINDER COURSE
2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by four inches average thickness

**Quantity estimated at two feet wide by two inches average thickness

**WADSWORTH ROAD
STA. 157+70.0 TO 160+68.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

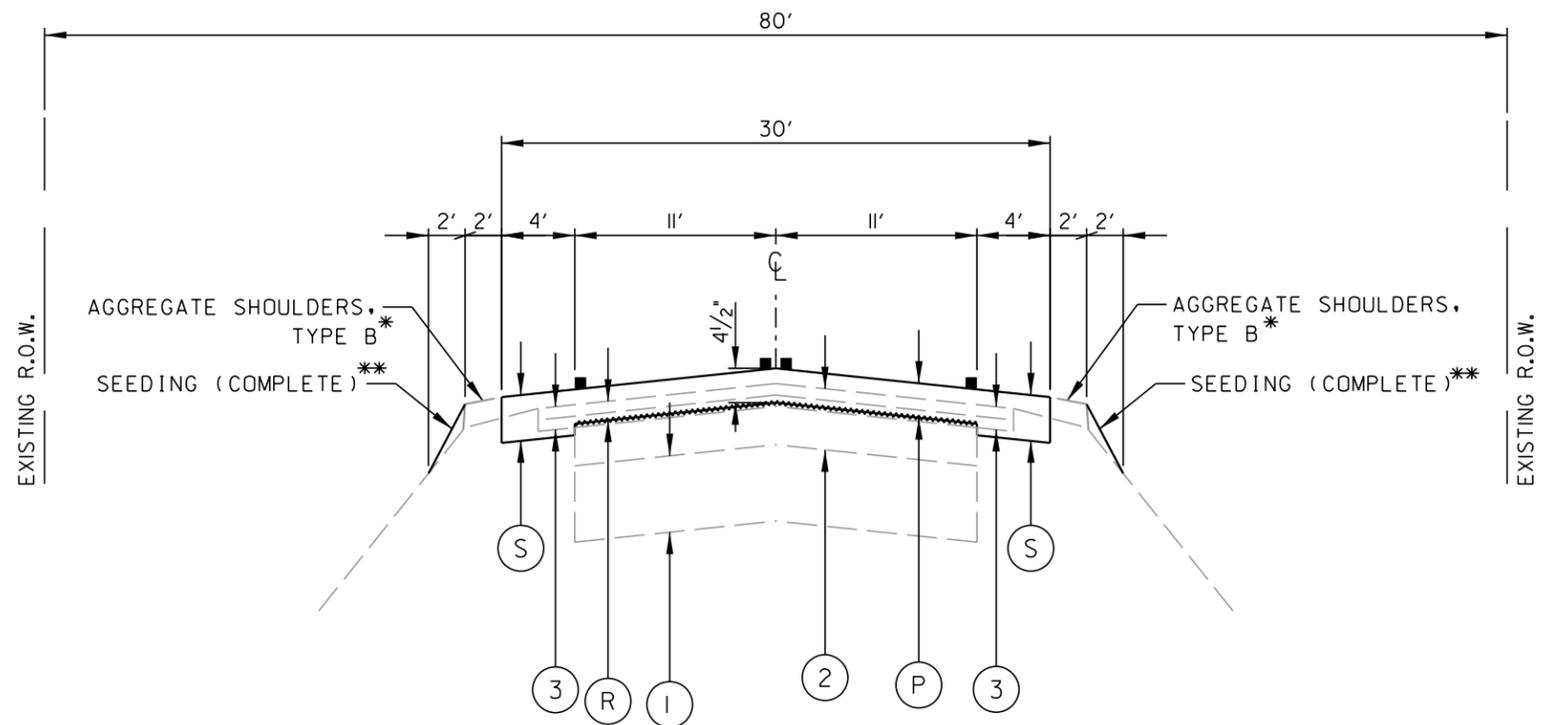


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 20 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 10" GRAVEL
- ② 8" HMA PAVEMENT
BASE COURSES: 5"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 3" HMA PAVED SHOULDER

REMOVALS:

- Ⓡ 2 1/2" HMA SURFACE REMOVAL
- ③ EXCAVATING AND GRADING EXISTING SHOULDER

PROPOSED PAVEMENT:

- Ⓟ AREA REFLECTIVE CRACK CONTROL TREATMENT
3/4" HMA LEVELING BINDER COURSE
2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

*Quantity estimated at two feet wide by four inches average thickness

**Quantity estimated at two feet wide by two inches average thickness

**WADSWORTH ROAD
STA. 160+68.0 TO 161+40.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |

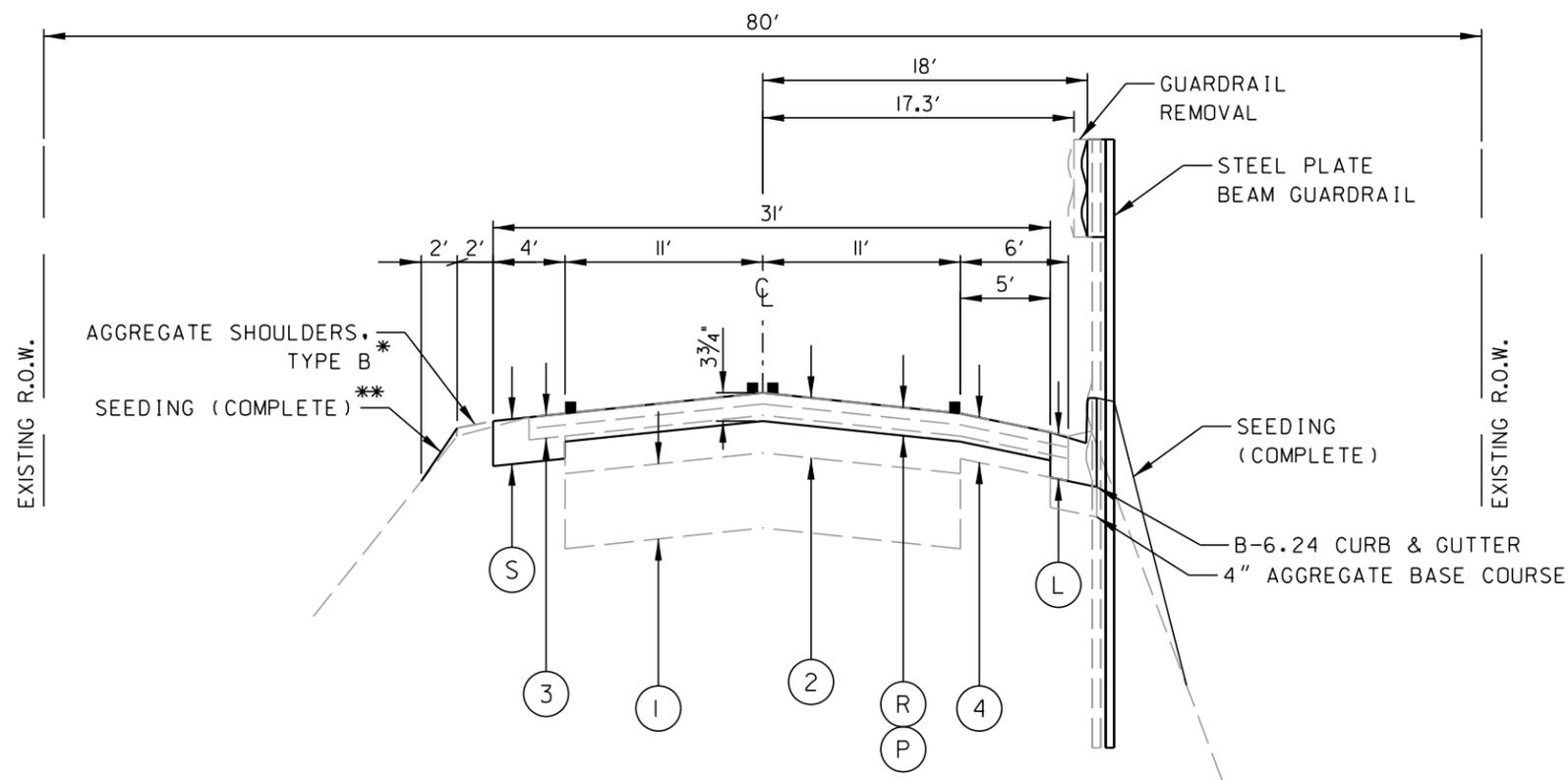


**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 21 | 144 |



EXISTING PAVEMENT (FROM RECORDS):

- ① 10" GRAVEL
- ② 8" HMA PAVEMENT
BASE COURSES: 5"
BINDER COURSE: 1 1/2"
SURFACE COURSE: 1 1/2"
- ③ 3" HMA PAVED SHOULDER
- ④ 6" HMA PAVED SHOULDER

REMOVALS:

- Ⓡ 3 3/4" HMA SURFACE REMOVAL
- ③ PAVED SHOULDER REMOVAL
- Ⓛ PAVEMENT REMOVAL

PROPOSED PAVEMENT:

- Ⓟ 2 1/4" HMA BINDER COURSE
1 1/2" HMA SURFACE COURSE
- Ⓢ 6" HMA SHOULDER
BINDER COURSE: 4 1/2"
SURFACE COURSE: 1 1/2"

* Quantity estimated at two feet wide by two inches average thickness

** Quantity estimated at two feet wide by two inches average thickness

**WADSWORTH ROAD
STA. 161+40.0 TO 163+50.0**

| REVISIONS / REMARKS | | | | |
|---------------------|---------------------|----------|-----|---|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR: |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: KDN PLOTTED BY: hdl7512 4/5/2016 |



**HUNT CLUB ROAD & WADSWORTH ROAD
RESURFACING**



**TYPICAL SECTIONS
HUNT CLUB ROAD & WADSWORTH ROAD**

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 22 | 144 |

| 36 DETECTOR LOOP REPLACEMENT | | | | | | |
|------------------------------|--------|---------------|-------------|-------------|-----------------|------|
| STATION | OFFSET | LEFT OR RIGHT | LOOP (FEET) | LEAD (FEET) | QUANTITY (FEET) | |
| 131+66.00 | 0.0 | RT | 24.0 | 14.0 | 38.0 | |
| 131+66.00 | 15.8 | RT | 39.7 | 10.4 | 50.1 | |
| 131+81.50 | 0.0 | RT | 24.0 | 29.5 | 53.5 | |
| 131+81.50 | 20.5 | RT | 59.2 | 10.4 | 69.6 | |
| 131+97.00 | 0.0 | RT | 24.0 | 45.4 | 69.4 | |
| 131+97.00 | 19.0 | RT | 52.0 | 21.7 | 73.7 | |
| 131+98.00 | 43.2 | RT | 49.7 | 7.8 | 57.5 | |
| TOTAL | | | | | 411.8 | |
| PAY CODE 88600600 | | | | | 10% CONTINGENCY | 41.2 |
| TOTAL | | | | | 453.0 | |

| 37 INSTALL SURVEY MONUMENTS | | | | | |
|-----------------------------|-------------|-------|-------------------------|------------|---|
| Station | Offset (FT) | LT/RT | Description | Quan. (EA) | |
| - | - | C/L | Illinois Section Corner | 6 | |
| PAY CODE LC600200 | | | | TOTAL | 6 |

| 38 REBUILD HEAVY DUTY HANDHOLE | | | | | |
|---|-------------|-------|------------------|------------|---|
| Station | Offset (FT) | LT/RT | Description | Quan. (EA) | |
| Hunt Club Road - Wadsworth Rd to Rosecrans Rd | | | | | |
| 131+47.07 | 6.00 | LT | REBUILD HANDHOLE | 1 | |
| PAY CODE LC800150 | | | | TOTAL | 1 |

| 41 HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT | | | | | | |
|---|---------------|-----------------------|--------------|---------------------|---------------------|------|
| ENTRANCE LOCATION | LEFT OR RIGHT | AVERAGE LENGTH (FEET) | WIDTH (FEET) | AGG. DEPTH (INCHES) | QUANTITY (SQ. YDS.) | |
| Hunt Club Road - Stearn School Rd to Millburn Rd | | | | | | |
| 67+46.49 | LT | 21.6 | 23.0 | 6.0 | 55.1 | |
| 122+11.20 | LT | 15.1 | 23.0 | 6.0 | 38.5 | |
| 138+24.57 | LT | 13.5 | 23.0 | 6.0 | 34.6 | |
| Hunt Club Road - Wadsworth Rd to Rosecrans Rd | | | | | | |
| 67+89.95 | RT | 18.2 | 23.0 | 6.0 | 46.5 | |
| 71+86.06 | RT | 20.0 | 23.0 | 6.0 | 51.1 | |
| 100+92.74 | RT | 26.4 | 23.0 | 6.0 | 67.5 | |
| 131+17.64 | RT | 16.6 | 23.0 | 6.0 | 42.3 | |
| 133+96.08 | RT | 26.5 | 23.0 | 8.0 | 67.6 | |
| Wadsworth Road - Hunt Club Rd to I-94 Bridge | | | | | | |
| 128+56.86 | LT | 38.7 | 24.0 | 6.0 | 103.3 | |
| 139+39.44 | LT | 50.2 | 24.0 | 8.0 | 133.8 | |
| 148+61.47 | RT | 14.6 | 24.0 | 6.0 | 38.9 | |
| SUBTOTAL | | | | | 913.7 | |
| PAY CODE XX006947 | | | | | 10% CONTINGENCY | 91.4 |
| TOTAL | | | | | 1005.1 | |

| 40 SEEDING (COMPLETE) | | | | | | | | |
|--|---|---------------|---------------|--------------|------------------|----------------|----------------|--|
| FROM | TO | LEFT OR RIGHT | LENGTH (FEET) | WIDTH (FEET) | QUANTITY (SQ YD) | DEPTH (INCHES) | VOLUME (CU YD) | |
| Hunt Club Road - Stearn School Rd to Millburn Rd | | | | | | | | |
| 34+01.99 | 59+15.54 | LT | 2513.6 | 1.0 | 279.3 | 1.0 | 0.86 | |
| 60+12.70 | 79+78.90 | LT | 1966.2 | 1.0 | 218.5 | 1.0 | 0.67 | |
| 80+43.03 | 113+12.22 | LT | 3269.2 | 1.0 | 363.2 | 1.0 | 1.12 | |
| 119+32.02 | 139+45.73 | LT | 2013.7 | 1.0 | 223.7 | 1.0 | 0.69 | |
| Hunt Club Road - Wadsworth Rd to Rosecrans Rd | | | | | | | | |
| 4+55.03 | 52+82.45 | LT | 4827.4 | 1.0 | 536.4 | 2.5 | 4.14 | |
| 53+10.92 | 131+96.20 | LT | 7885.3 | 1.0 | 876.1 | 2.5 | 6.76 | |
| Wadsworth Road - Hunt Club Rd to I-94 Bridge | | | | | | | | |
| 117+97.04 | 160+75.00 | LT | 4278.0 | 1.0 | 475.3 | 2.5 | 3.67 | |
| 160+75.00 | 163+31.54 | LT | 256.5 | 1.0 | 28.5 | 1.0 | 0.09 | |
| 163+31.54 | 165+14.99 | LT | 183.5 | 19.4 | 395.4 | 6.0 | 142.06 | |
| 165+55.19 | 169+92.01 | LT | 436.8 | 19.4 | 941.6 | 6.0 | 338.27 | |
| 108+00.07 | 160+75.00 | RT | 5274.9 | 1.0 | 586.1 | 2.5 | 4.52 | |
| 160+75.00 | 161+04.00 | RT | 29.0 | 1.0 | 3.2 | 1.0 | 0.01 | |
| 161+04.00 | 165+23.19 | RT | 419.2 | 19.4 | 903.6 | 6.0 | 324.62 | |
| 165+50.14 | 169+92.01 | RT | 441.9 | 19.4 | 952.5 | 6.0 | 342.19 | |
| SUBTOTAL | | | | | 9207.1 | | 1183.7 | |
| 10% CONTINGENCY | | | | | 920.7 | | 118.4 | |
| TOTALS | | | | | 10127.8 | | 1302.1 | |
| SUMMARY | | | | | | | | |
| PAY CODE | DESCRIPTION OF ITEMS AND QUANTITIES | | | | | UNIT | QUANTITY | |
| XX006343 | SEEDING (COMPLETE) | | | | | SQ YD | 10127.8 | |
| | FURNISHING AND PLACING TOPSOIL (VARIABLE THICKNESS) | | | | | SQ YD | 10127.8 | |
| | SEEDING, CLASS 2A | | | | | SQ YD | 10127.8 | |
| | EROSION CONTROL BLANKET | | | | | SQ YD | 10127.8 | |
| | NITROGEN FERTILIZER NUTRIENT (90 lbs./Acre) | | | | | LBS | 20.9 | |
| | POTASSIUM FERTILIZER NUTRIENT (90 lbs./Acre) | | | | | LBS | 20.9 | |

| 39 RECESSED REFLECTIVE PAVEMENT MARKER | | | | | | |
|---|------------|-------|-------------|---------------|----------------|-----------------|
| FROM STATION | TO STATION | LT/RT | DESCRIPTION | LENGTH (FEET) | SPACING (FEET) | QUANTITY (EACH) |
| Recessed Reflective Pavement Marker: 2-Way Yellow | | | | | | |
| Hunt Club Road - Stearn School Rd to Millburn Rd | | | | | | |
| 87+25.30 | 89+65.30 | RT | Median | 240.0 | 80.0 | 4 |
| 90+05.30 | 95+99.50 | B | Median | 594.2 | 40.0 | 30 |
| 96+78.61 | 103+12.37 | B | Median | 633.8 | 40.0 | 34 |
| 103+52.37 | 105+92.37 | LT | Median | 240.0 | 80.0 | 4 |
| 120+22.19 | 122+62.19 | RT | Median | 240.0 | 80.0 | 4 |
| 123+02.19 | 132+79.88 | B | Median | 977.7 | 40.0 | 52 |
| 133+19.88 | 135+59.88 | LT | Median | 240.0 | 80.0 | 4 |
| Recessed Reflective Pavement Marker: White/Red | | | | | | |
| 95+03.72 | 96+04.32 | RT | Turn Lane | 100.6 | 40.0 | 3 |
| SUBTOTAL | | | | | | 135 |
| PAY CODE X7810300 | | | | | 5% CONTINGENCY | 7 |
| TOTAL | | | | | | 142 |

| 42 AGGREGATE SHOULDERS, TYPE B | | | | | | | |
|--|-----------|---------------|---------------|--------------|----------------|----------------|--------|
| FROM | TO | LEFT OR RIGHT | LENGTH (FEET) | WIDTH (FEET) | DEPTH (INCHES) | VOLUME (CU YD) | |
| Hunt Club Road - Stearn School Rd to Millburn Rd | | | | | | | |
| 34+10.07 | 59+38.97 | LT | 2536.3 | 2.0 | 2.0 | 31.3 | |
| 59+84.53 | 79+98.31 | LT | 2028.5 | 2.0 | 2.0 | 25.0 | |
| 80+32.53 | 113+25.30 | LT | 3287.1 | 2.0 | 2.0 | 40.6 | |
| 119+21.73 | 138+03.07 | LT | 1898.1 | 2.0 | 2.0 | 23.4 | |
| 138+38.42 | 138+87.47 | LT | 49.0 | 2.0 | 2.0 | 0.6 | |
| 138+87.47 | 139+45.73 | LT | 58.3 | 4.0 | 4.0 | 2.9 | |
| Hunt Club Road - Wadsworth Rd to Rosecrans Rd | | | | | | | |
| 32+84.11 | 59+39.06 | RT | 2662.8 | 2.0 | 2.0 | 32.9 | |
| 59+82.43 | 80+04.73 | RT | 2038.6 | 2.0 | 2.0 | 25.2 | |
| 80+32.22 | 96+29.71 | RT | 1631.1 | 2.0 | 2.0 | 20.1 | |
| 96+63.81 | 100+84.89 | RT | 439.2 | 2.0 | 2.0 | 5.4 | |
| 101+00.55 | 112+70.63 | RT | 1172.1 | 2.0 | 2.0 | 14.5 | |
| 118+64.83 | 122+82.56 | RT | 417.7 | 2.0 | 2.0 | 5.2 | |
| 131+38.56 | 133+69.61 | RT | 229.7 | 2.0 | 2.0 | 2.8 | |
| 134+21.81 | 138+87.47 | RT | 465.7 | 2.0 | 2.0 | 5.7 | |
| 138+87.47 | 140+08.02 | RT | 120.5 | 4.0 | 4.0 | 6.0 | |
| Hunt Club Road - Wadsworth Rd to Rosecrans Rd | | | | | | | |
| 4+55.03 | 52+78.07 | LT | 4831.9 | 2.0 | 4.0 | 119.3 | |
| 53+15.06 | 81+34.78 | LT | 2830.0 | 2.0 | 4.0 | 69.9 | |
| 81+62.40 | 93+18.86 | LT | 1156.5 | 2.0 | 4.0 | 28.6 | |
| 93+51.64 | 103+54.62 | LT | 1003.0 | 2.0 | 4.0 | 24.8 | |
| 113+11.14 | 128+36.98 | LT | 1525.8 | 2.0 | 4.0 | 37.7 | |
| 128+36.98 | 131+96.21 | LT | 366.0 | 4.0 | 4.0 | 18.1 | |
| 4+48.41 | 14+26.28 | RT | 978.0 | 2.0 | 4.0 | 24.1 | |
| 14+40.75 | 15+53.58 | RT | 112.8 | 2.0 | 4.0 | 2.8 | |
| 15+64.47 | 42+07.95 | RT | 2643.5 | 2.0 | 4.0 | 65.3 | |
| 45+68.02 | 52+77.32 | RT | 718.0 | 2.0 | 4.0 | 17.7 | |
| 53+14.57 | 94+52.23 | RT | 4148.5 | 2.0 | 4.0 | 102.4 | |
| 94+65.44 | 121+05.42 | RT | 2640.0 | 2.0 | 4.0 | 65.2 | |
| 124+79.48 | 129+89.14 | RT | 509.7 | 2.0 | 4.0 | 12.6 | |
| 130+05.25 | 131+87.95 | RT | 198.3 | 3.5 | 4.0 | 8.6 | |
| Wadsworth Road - Hunt Club Rd to I-94 Bridge | | | | | | | |
| 117+97.04 | 128+29.64 | LT | 1032.6 | 2.0 | 4.0 | 25.5 | |
| 128+83.77 | 139+03.15 | LT | 1019.4 | 2.0 | 4.0 | 25.2 | |
| 139+74.59 | 160+75.00 | LT | 2100.4 | 2.0 | 4.0 | 51.9 | |
| 160+75.00 | 163+23.54 | LT | 248.5 | 2.0 | 2.0 | 3.1 | |
| 117+97.04 | 148+55.08 | RT | 3058.0 | 4.0 | 4.0 | 151.0 | |
| 148+67.82 | 160+75.00 | RT | 1207.2 | 2.0 | 4.0 | 29.8 | |
| 160+75.00 | 160+96.00 | RT | 21.0 | 2.0 | 2.0 | 0.3 | |
| PAY CODE 48101200 | | | | | SUBTOTAL | | 2250.5 |
| (2 Tons/Cubic Yard) | | | | | TOTAL | | 2250.5 |

| REVISIONS / REMARKS | | | | | |
|---------------------|---------------------|----------|-----|-----------------|------------------|
| NO. | DESCRIPTION | DATE | BY | SURVEYOR | |
| 1 | AGGREGATE SHOULDERS | 04/05/16 | RDM | DSG NR/LIAISON: | KDN |
| | | / / | | PLOTTED BY: | hdi7512 4/5/2016 |

HUNT CLUB ROAD & WADSWORTH ROAD RESURFACING



SCHEDULE OF QUANTITIES
HUNT CLUB ROAD & WADSWORTH ROAD

| ROUTE | SECTION | SECTION NUMBER | SHEET | SHEETS |
|--------------|---------|----------------|-------|--------|
| CH29 CH17 | 999 | 15-00999-16-RS | 32 | 144 |