

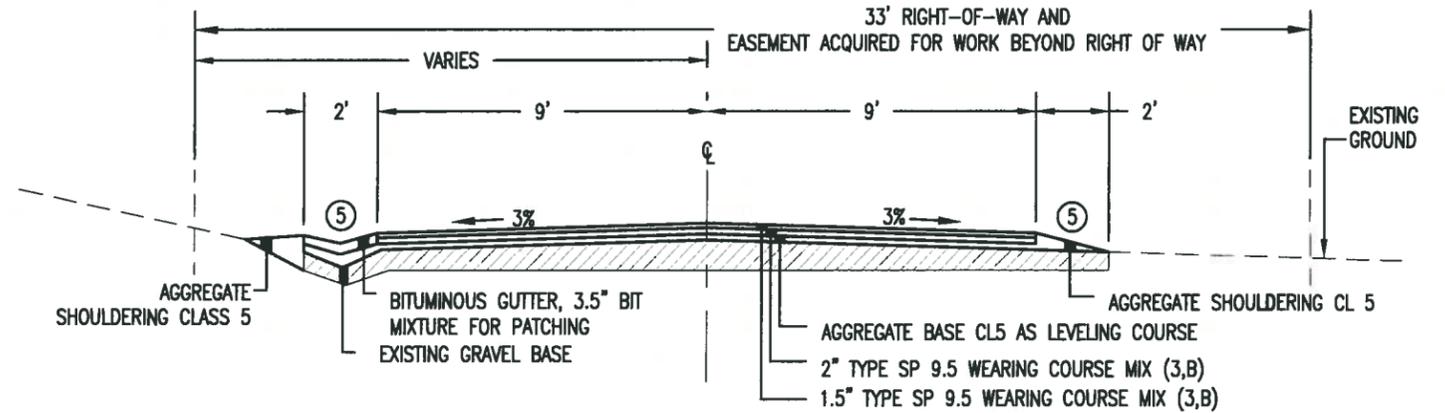


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| STATEMENT OF ESTIMATED QUANTITIES<br>CITY JOB NO. 1061 PLUM ST OVERLAY |           |   |          |          |
|--|-----------|---|----------|----------|
| NOTES  | SPEC. NO. | DESCRIPTION                                       | UNIT     | QUANTITY |
|  | 2021.501  | MOBILIZATION                                      | LUMP SUM | 1        |
|  | 2104.505  | REMOVE BITUMINOUS PAVEMENT                        | SQ. YD   | 38       |
|  | 2104.513  | SAWING BITUMINOUS/CONCRETE PAVEMENT               | L.F.     | 100      |
| 1  | 2200.601  | BASE CONSTRUCTION                                 | LUMP SUM | 1        |
| 2  | 2211.502  | AGGREGATE BASE, CLASS 5                           | TON      | 20       |
|  | 2221.503  | AGGREGATE SHOULDERING (CV), CLASS 5               | CU. YD.  | 12       |
|  | 2360.501  | TYPE SP 9.5 WEARING COURSE MIX (3,B)              | TON      | 110      |
| 3  | 2360.505  | TYPE SP 9.5 BITUMINOUS MIXTURE FOR PATCHING (3,B) | TON      | 12       |
|  | 2540.602  | INSTALL MONUMENT BOX                              | EA       | 2        |
| 4  | 2563.601  | TRAFFIC CONTROL                                   | LUMP SUM | 1        |
|  | 2573.530  | STORM DRAIN INLET PROTECTION                      | EACH     | 4        |

**NOTES:**

- USE FOR MODIFIED EXISTING AGGREGATE BASE FOR LEVELING COURSE AGGREGATE BASE CLASS 5 TO PREPARE FOR BITUMINOUS PAVEMENT. COMPACTION OF ROAD BASE INCLUDING WATER IS INCIDENTAL TO BASE CONSTRUCTION.
- USE AS LEVELING COURSE TO PREPARE ROAD BASE.
- USE IN GUTTER, ALLEY AND DRIVEWAY TRANSITIONS.
- SEE SPECIFICATIONS FOR TRAFFIC PLAN.
- PLACE BITUMINOUS GUTTER AS SHOWN ON PLAN, PLACE AGGREGATE SHOULDERING IN OTHER AREAS.



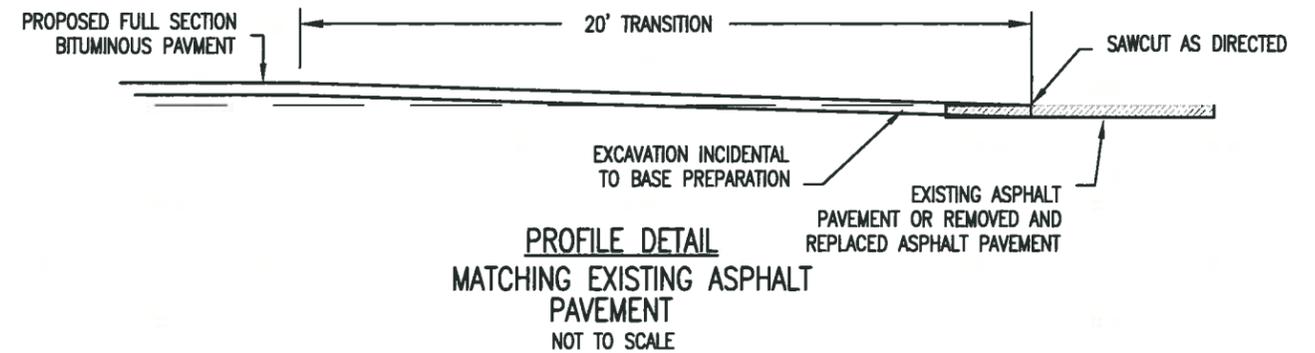
**TYPICAL SECTION**

NOT TO SCALE

NOTE: USE TYPICAL SECTION FROM STA 3+68 TO 5+76.5

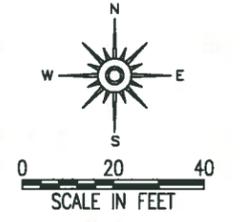
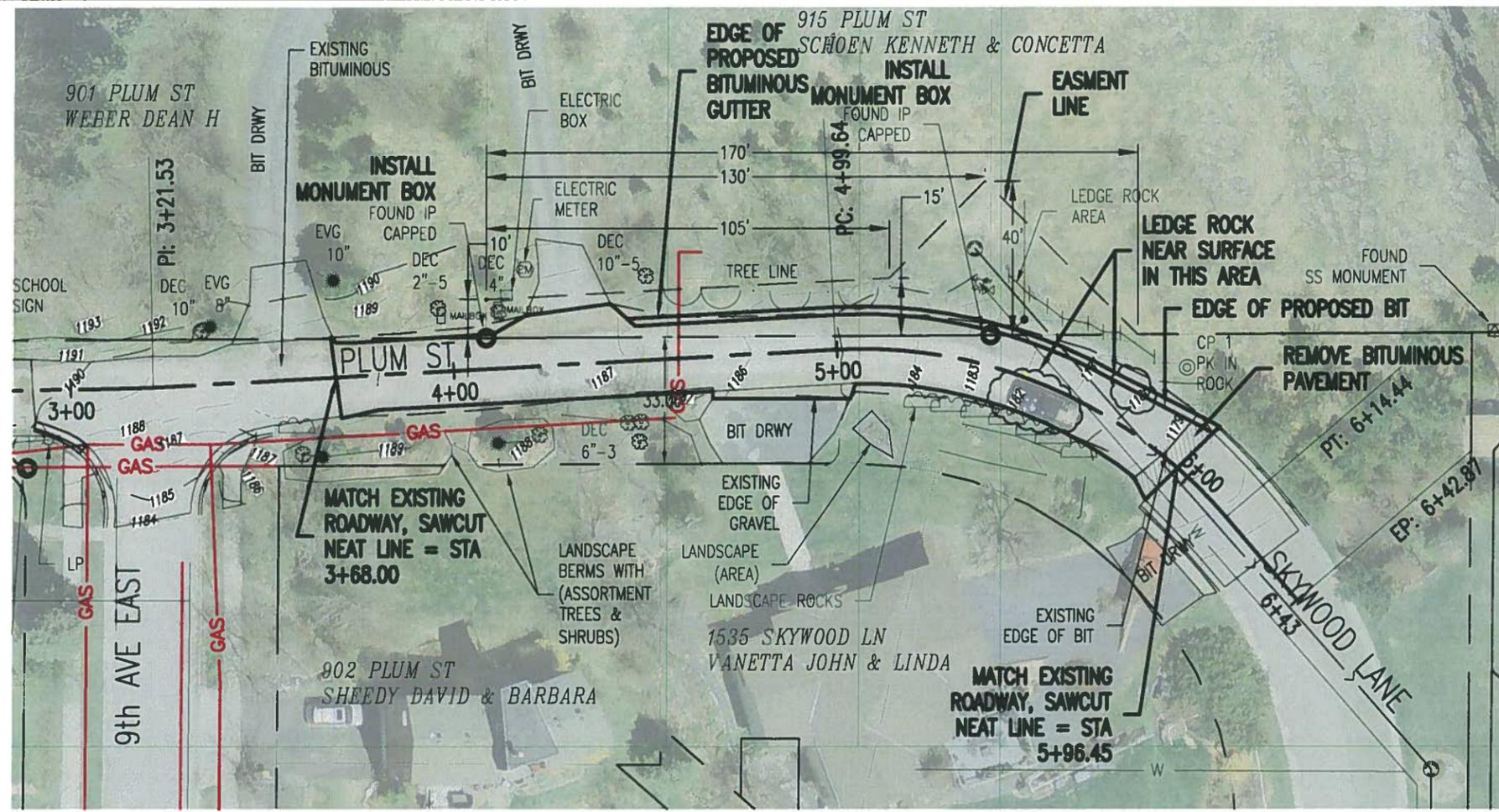
**GENERAL CONSTRUCTION NOTES**

- ALL AREAS DISTURBED BY THE CONTRACTOR'S EQUIPMENT WHICH ARE OUTSIDE THE PLANNED CONSTRUCTION LIMITS SHALL BE RESTORED, AS APPROVED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- BITUMINOUS SURFACING, CONCRETE ITEMS, ABANDONED UTILITY ITEMS, OR ANY OTHER MATERIAL WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION THAT ARE NOT SUITABLE FOR SALVAGE OR FOR ROADWAY CONSTRUCTION SHALL BE DISPOSED OF BY THE CONTRACTOR OFF CITY OF DULUTH RIGHT-OF-WAY AT AN APPROVED DISPOSAL SITE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UTILIZE THE "ONE CALL EXCAVATION NOTICE SYSTEM" (1-800-252-1166) REQUIRED BY MINNESOTA STATUTE 216D.
- THE RIGHT-OF-WAY SHOWN IN THIS PLAN GIVES A GRAPHICAL LOCATION.
- CARE SHALL BE TAKEN BY THE CONTRACTOR SO AS NOT TO DAMAGE THE REMAINING MATERIALS DIRECTLY ADJACENT TO THE MATERIALS TO BE REMOVED.
- ANY DAMAGE TO THE EXISTING MATERIAL RESULTING FROM THE MATERIAL REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL HAVE ALL TRAFFIC CONTROL PLANS APPROVED BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES DURING THE WORK, UNLESS APPROVED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ANY WORK AREAS NEAR TRAFFIC IN ACCORDANCE WITH MNMUTCD.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING TRAFFIC THROUGH THE WORK AND SHALL ERECT AND MAINTAIN SIGNS, BARRICADES, AND WARNING DEVICES IN ORDER TO CONTROL THE TRAFFIC, PROTECT THE WORKERS, AND PROTECT THE WORK. THE CONTRACTOR SHALL DETERMINE THE NUMBER AND TYPES OF SIGNS, BARRICADES, AND WARNING DEVICES NEEDED FOR THIS AND INCLUDE THOSE COSTS WITH THE LUMP SUM BID ITEM FOR TRAFFIC CONTROL AS AN INCIDENTAL COST OF THE WORK. ALL TRAFFIC CONTROL MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. PAYMENT FOR TRAFFIC CONTROL WILL BE MADE UNDER THE BID ITEM: TRAFFIC CONTROL, AT THE LUMP SUM BID PRICE. NO FURTHER COMPENSATION WILL BE PAID FOR ANY ASPECT OF TRAFFIC CONTROL, REGARDLESS OF THE CONTRACT EFFORT REQUIRED.
- ALL CLOSURES, DETOURS, AND TRAFFIC CONTROL MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- SAWCUT WILL ONLY BE PAID ONCE

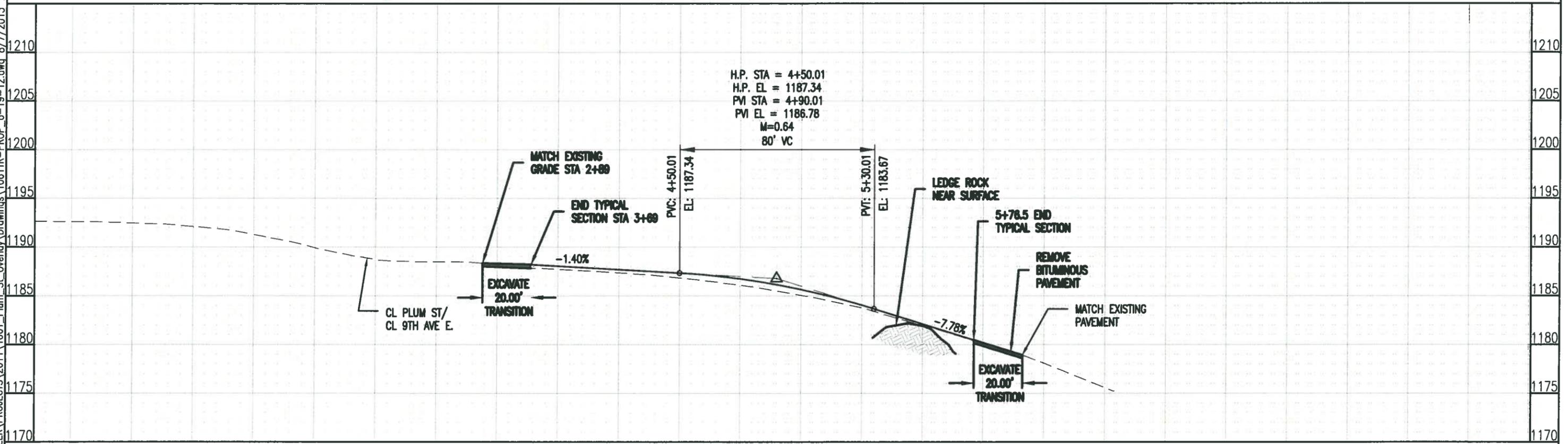


**PROFILE DETAIL  
MATCHING EXISTING ASPHALT PAVEMENT  
NOT TO SCALE**

|                               |                 |          |   |                               |
|-------------------------------|-----------------|----------|---|-------------------------------|
| CERTIFIED BY: GREG STOEWER    | REG. NO.: 21774 | REVISION | PLUM ST (BETWEEN 8TH AVE. E. AND SKYWOOD LN.) | DRAWN BY: NML & SCA           |
| SIGNATURE: <i>Greg Stower</i> | DATE: 8-7-13    | REVISION | CITY OF DULUTH                                | QUANTITIES, NOTES AND DETAILS |
|                               |                 | REVISION | CITY PROJECT NO.: 1061                        | STATE AID PROJECT NO.: NA     |
|                               |                 |          |   | SHEET NO. 2 OF 3              |



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|                                |                 |          |  |                           |
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| SIGNATURE: <i>Greg Stoewer</i> | DATE: 8-7-13    | REVISION | CITY OF DULUTH                               | PLAN AND PROFILE          |
|                                |                 | REVISION | CITY PROJECT NO.: 1061                       | STATE AID PROJECT NO.: NA |
|                                |                 |          |  | SHEET NO. 3 OF 3          |