

|                     |                        |                    |                 |             |
|---------------------|------------------------|--------------------|-----------------|-------------|
| P.A. RITE UNIT 1179 | SECTION 10-00059-00-BR | COUNTY COOK        | TOTAL SHEETS 20 | SHEET NO. 2 |
| HANOVER PARK        |                        | CONTRACT NO. 63754 |                 |             |

### HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280301-07 TEMPORARY EROSION CONTROL SYSTEMS
- 515001-03 NAME PLATE FOR BRIDGES
- 602001-02 CATCH BASIN, TYPE A
- 602301-03 INLET, TYPE A
- 602401-03 MANHOLE, TYPE A
- 602801-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LIDS, TYPE 1
- 606001-06 CONCRETE CURB, TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 631032-08 TRAFFIC BARRIER TERMINAL, TYPE 6A
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 664001-02 CHAIN LINK FENCE
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURES
- 701901-02 TRAFFIC CONTROL DEVICES
- B.L.R. 23-4 TRAFFIC BARRIER TERMINAL, TYPE 1

### IDOT DISTRICT #1 DETAILS

- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-21 DETOUR SIGNING FOR CLOSING STATE HIGHWAYS

### MWRD NOTES

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (708-588-4055).
- THERE ARE NO FLOOR DRAINS, FOOTING DRAINS, OR DOWNSPOUTS.
- ALL SANITARY SEWER PIPE MATERIALS AND JOINTS SHALL CONFORM TO:
 

|                                    |                   |
|------------------------------------|-------------------|
| <u>PVC GRAVITY SEWER PIPE SPEC</u> | <u>JOINT SPEC</u> |
| 6"-15" DIA. SDR-26, D-3034         | D-3212 OR D-2855  |
- ALL SANITARY SEWER CONSTRUCTION REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12 INCHES ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- "BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
  - CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
  - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
  - WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- WHENEVER A SANITARY SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.
- ALL SANITARY MANHOLES SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

### GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2013 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THEREFO AND SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE VILLAGE OF HANOVER PARK MUNICIPAL CODE EXCEPT AS MODIFIED HEREIN.
- ALL SIDEWALK AND PUBLIC AREAS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ADA, ILLINOIS HANDICAP ACCESSIBILITY CODE, AND ANY APPLICABLE LOCAL ORDINANCES. WHEN CONFLICTS EXIST BETWEEN THE GOVERNING AGENCIES, THE MORE RESTRICTIVE PROVISION SHALL APPLY.
- THE UTILITY COMPANIES HAVE BEEN CONTACTED IN REFERENCE TO UTILITIES THEY OWN AND OPERATE WITHIN THE LIMITS OF THIS PROJECT. DATA FROM THESE AGENCIES HAS BEEN INCORPORATED INTO THE PLANS. HOWEVER, THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITY SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM OR ESTABLISH THE EXISTENCE OF ALL UTILITY FACILITIES AND THEIR EXACT LOCATIONS, MAINTAIN AND PRESERVE SAID FACILITIES, AND SCHEDULE ANY NECESSARY UTILITY RELOCATIONS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. ANY DISCREPANCIES WITH THE CONSTRUCTION PLANS SHALL BE REPORTED TO THE ENGINEER BEFORE ANY WORK IS DONE. OTHERWISE, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF A DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS, AND/OR DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. BY FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- ALL ELEVATIONS SHOWN ARE NAVD 88. ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS UNLESS OTHERWISE NOTED.
- EXISTING SIGNS, LIGHT STANDARDS, AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND ARE NOT NOTED FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT HIS OWN EXPENSE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. ANY SIGNS THAT ARE NOT REQUIRED TO BE RESET SHALL BE DELIVERED TO THE RESPECTIVE OWNER.
- REMOVAL OF SPECIFIED ITEMS INCLUDING BUT NOT LIMITED TO PAVEMENT, SIDEWALK, CURB AND GUTTER, BRIDGE MATERIALS, ETC. SHALL BE DISPOSED OF OFFSITE BY THE CONTRACTOR AT HIS OWN EXPENSE AND IN ACCORDANCE WITH CCOD REQUIREMENTS. ANY PERMIT REQUIRED FOR SUCH DISPOSAL IS THE RESPONSIBILITY OF THE CONTRACTOR INCLUDING CCOD PERMITTING AND/OR CERTIFICATION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FULLY PROTECT ALL WORK FROM PHYSICAL DAMAGE (STRUCTURAL OR COSMETIC). BARRICADES, COVERS, WATCHMEN, ETC. SHALL BE PROVIDED BY THE CONTRACTOR AS NECESSARY TO ADEQUATELY PROTECT THE WORK AND THE PUBLIC.
- ALL CONSTRUCTION EQUIPMENT AND VEHICLES MUST ACCESS THE SITE FROM THE NORTH ALONG LONGMEADOW LANE ONLY.
- ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.
- LAYOUT OF THE SLOPE PROTECTION SYSTEM MAY BE VARIED TO SUIT GROUND CONDITIONS IN THE FIELD AS DIRECTED BY THE ENGINEER.
- QUANTITIES ARE PROVIDED FOR THE LOWERING OF THE EXISTING WATER MAIN IN THE EVENT THAT IT CONFLICTS WITH THE BOX CULVERT. DEPENDING ON SITE CONDITIONS, THIS WORK MAY NOT BE NECESSARY.
- THE CONTRACTOR SHALL COLLECT AND REMOVAL ALL CONSTRUCTION DEBRIS, EXCESS MATERIAL, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS, AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO CONSTRUCTION COMMENCEMENT AT NO ADDITIONAL EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL AS DIRECTED BY THE ENGINEER. BURNING ON THE SITE IS NOT PERMITTED.
- THE CONTRACTOR SHALL HAVE AVAILABLE A MECHANICAL SWEEPER FOR PAVEMENT SWEEPING. THE CONTRACTOR SHALL CLEAN THE PAVEMENT OF ALL DIRT AND DEBRIS AT THE END OF EACH WORK WEEK AND AT ALL OTHER TIMES DEEMED NECESSARY BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE ITEM CONTRACT COST. IF THE CONTRACTOR DOES NOT MEET THE REQUIREMENT OF KEEPING ROADS IN AND AROUND THE CONSTRUCTION AREA CLEAN AS DETERMINED BY THE ENGINEER, THE ENGINEER SHALL MAKE THE NECESSARY ARRANGEMENTS TO PERFORM THIS WORK AND THE COST OF SUCH STREET SWEEPING WILL BE DEDUCTED FROM ANY MONIES DUE OR TO BECOME DUE TO THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT DRIVE EQUIPMENT OTHER THAN RUBBER Tired VEHICLES ACROSS ANY PAVEMENT, CURB AND GUTTER, DRIVEWAYS, OR SIDEWALK UNLESS SUITABLE PROTECTION IS PROVIDED IN THE FORM OF PLANKS OR MATS, OR UNLESS SAID PAVEMENT, CURB AND GUTTER, DRIVEWAY, OR SIDEWALK IS SCHEDULED TO BE REMOVED. ALL SURFACE DAMAGED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT, AND PARKWAYS, DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNLESS SPECIFICALLY NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PROPERTIES CAUSED BY THE ACTS OF HIS WORK IN THE COURSE OF PERFORMANCE OF THIS CONTRACT AND SHALL REPLACE OR RESTORE TO ITS ORIGINAL CONDITION ANY SUCH DAMAGED PROPERTY AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL OBTAIN A CONSTRUCTION PERMIT FROM THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR), OFFICE OF WATER RESOURCES FOR ANY TEMPORARY CONSTRUCTION ACTIVITY PLACED IN THE WATER EXCEPT COFFERDAMS. THIS SHALL INCLUDE THE PLACEMENT OF MATERIAL FOR RUN-AROUNDS, CAUSEWAYS, ETC. ANY PERMIT APPLICATION BY THE CONTRACTOR SHALL REFER TO THE IDNR 3704 FLOODWAY CONSTRUCTION PERMIT NUMBER ALLOWING PERMANENT CONSTRUCTION AS SHOWN IN THE CONTRACT PLANS.
- EXCAVATION BEHIND EXISTING ABUTMENT WALLS SHALL BE PERFORMED TO BALANCE FRONT AND BACK SOIL PRESSURE BEFORE REMOVING THE EXISTING SUPERSTRUCTURE. THE CONTRACTOR SHALL SAWCUT THE UPPER PORTION OF THE EXISTING ABUTMENT AT THE STAGE REMOVAL LINE BEFORE STAGE 1 REMOVAL TO ENSURE THE REMAINING PORTION WILL NOT BE PREMATURELY DAMAGED.
- THE EXCAVATION FOR THE BOX CULVERT STRUCTURE, INCLUDING THE STILLING BASIN, SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR "CONCRETE BOX CULVERTS".
- THE PCC CURB AND PCC SIDEWALK OVER THE BOX CULVERT STRUCTURE HAVE BEEN INCLUDED IN THE QUANTITY FOR "CONCRETE BOX CULVERTS". THESE ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR "CONCRETE BOX CULVERTS".
- THE DATUMS FOR THIS PROJECT ARE NAD 83 AND NAVD 88.
- THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

### COMMITMENTS

NONE - JANUARY 27, 2012

### LEGEND

|  | EXISTING | PROPOSED |
|--|----------|----------|
| CURB AND GUTTER                                      |          |          |
| DEPRESSED CURB AND GUTTER                            |          |          |
| EDGE OF PAVEMENT, EDGE OF SHOULDER, EDGE OF SIDEWALK |          |          |
| RIGHT-OF-WAY   |          |          |
| PROPERTY LINE  |          |          |
| STORM SEWER  |          |          |
| STORM MANHOLE  |          |          |
| INLET  |          |          |
| CATCH BASIN  |          |          |
| SANITARY SEWER                                       |          |          |
| SANITARY MANHOLE                                     |          |          |
| WATER MAIN   |          |          |
| VALVE VAULT  |          |          |
| VALVE BOX  |          |          |
| FIRE HYDRANT   |          |          |
| ACRIL/OVERHEAD LINE                                  |          |          |
| GLY WIRE   |          |          |
| POWER/UTILITY POLE                                   |          |          |
| LIGHT POLE   |          |          |
| CONIFER TREE   |          |          |
| DECIDUOUS TREE                                       |          |          |
| SHRUB  |          |          |
| MAILBOX  |          |          |
| FENCE  |          |          |
| DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT            |          |          |
| PROPOSED SIDEWALK                                    |          |          |
| GAS MAIN   |          |          |
| AT&T UNDERGROUND                                     |          |          |
| COMED UNDERGROUND                                    |          |          |
| COMCAST UNDERGROUND                                  |          |          |

Nov 08, 2012 4:14pm \\pva\pva\cadd\02841.DS\0284105-02 - General Notes n Commitments.dwg

| REVISIONS:<br><table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>10-22-12</td> <td>JR</td> <td>REVISED PLANS PER COMMENTS FROM IDOT, HANOVER PARK, &amp; NORTH COOK SWCD.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11-08-12</td> <td>JR</td> <td>REVISED PLANS PER COMMENTS FROM IDOT DATED 11-02-12.</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |    | DATE   | BY   | DESCRIPTION | DATE        | BY | DESCRIPTION | 10-22-12 | JR | REVISED PLANS PER COMMENTS FROM IDOT, HANOVER PARK, & NORTH COOK SWCD. |  |  |  | 11-08-12 | JR | REVISED PLANS PER COMMENTS FROM IDOT DATED 11-02-12. |  |  |  | PLOTTED BY: AMP<br>CHECKED BY: JR<br>DRAWN BY: AMP<br>CHECKED BY: JR<br>APPROVED BY: DM | Pavia-Marting & Co.<br>910 W. Lake St.<br>Roselle, IL 60172<br>630-529-8000 fax: 630-894-4910<br><small>Professional Registration #18402176</small> | TITLE: LONGMEADOW LANE BOX CULVERT REPLACEMENT<br>HANOVER PARK, IL<br>HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS | SCALE: NONE<br>DATE: 8/6/2012<br>JOB NO: 02841.DS<br>SHEET 2 OF 20 |
|--|----|--|------|-------------|-------------|----|-------------|----------|----|--|--|--|--|----------|----|--|--|--|--|---|---|--|--|
| DATE   | BY | DESCRIPTION  | DATE | BY          | DESCRIPTION |    |             |          |    |  |  |  |  |          |    |  |  |  |  |   |   |  |  |
| 10-22-12   | JR | REVISED PLANS PER COMMENTS FROM IDOT, HANOVER PARK, & NORTH COOK SWCD. |      |             |             |    |             |          |    |  |  |  |  |          |    |  |  |  |  |   |   |  |  |
| 11-08-12   | JR | REVISED PLANS PER COMMENTS FROM IDOT DATED 11-02-12.                   |      |             |             |    |             |          |    |  |  |  |  |          |    |  |  |  |  |   |   |  |  |