

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

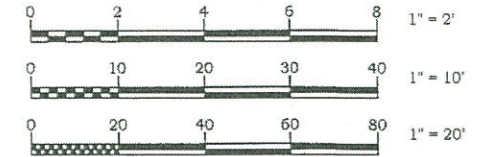
PLANS FOR PROPOSED  
DOWNTOWN SIDEWALK IMPROVEMENTS  
PHASE 3

PROJECT NO.: 2EFK (707)  
JOB NO.: C-97-017-23  
SECTION: 18-00057-00-SW  
CITY OF MARSHALL  
CLARK COUNTY, ILLINOIS  
ENHANCEMENT FUNDS

CITY OF MARSHALL, CLARK COUNTY  
STREETScape PHASE III  
PROJECT No.: 2EFK (707)  
JOB No.: C-97-017-23  
SECTION: 18-00057-00-SW  
CONTRACT NO.: 95927  
SHEET 1 OF 21

|        |  |
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| (8)    | (WEST)   |
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| (13)   | (WEST)   |
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| 16-18  | ADA INTERSECTION DETAILS                                   |
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| 19-21  | MISCELLANEOUS DETAILS                                      |

SCALES  
PLAN: 1 INCH = 10 FEET  
PROFILE HORIZONTAL: 1 INCH = 10 FEET  
PROFILE VERTICAL: 1 INCH = 2 FEET  
TYPICAL CROSS SECTIONS: NOT-TO-SCALE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS MAY NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

| ILLINOIS HIGHWAY STANDARDS |   |
|----------------------------|---|
| 000001-08                  | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                  |
| 424001-11                  | PERPENDICULAR CURB RAMPS FOR SIDEWALKS                        |
| 424011-04                  | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS                      |
| 424016-05                  | MID-BLOCK CURB RAMPS FOR SIDEWALKS                            |
| 424021-06                  | DEPRESSED CORNER FOR SIDEWALKS                                |
| 424026-03                  | ENTRANCE / ALLEY PEDESTRIAN CROSSINGS                         |
| 442201-03                  | CLASS C AND D PATCHES   |
| 542606-02                  | REINFORCED CONCRETE PIPE TEE                                  |
| 602301-04                  | INLET - TYPE A  |
| 602306-03                  | INLET - TYPE B  |
| 602401-07                  | PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER                    |
| 602402-03                  | PRECAST MANHOLE TYPE A 5' (1.52m) DIAMETER                    |
| 602601-06                  | PRECAST REINFORCED CONCRETE FLAT SLAB TOP                     |
| 604001-05                  | FRAME AND LIDS TYPE 1   |
| 604006-05                  | FRAME AND GRATE TYPE 3  |
| 606001-08                  | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 701501-06                  | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED                         |
| 701801-06                  | SIDEWALK, CORNER OR CROSSWALK CLOSURE                         |
| 701901-08                  | TRAFFIC CONTROL DEVICES                                       |
| 720001-01                  | SIGN PANEL MOUNTING DETAILS                                   |
| 728001-01                  | TELESCOPING STEEL SIGN SUPPORT                                |
| 814001-03                  | HANDHOLES   |
| 825011-04                  | LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V                    |
| 836001-04                  | LIGHT POLE FOUNDATION   |

|                             |                              |
|-----------------------------|------------------------------|
| FUNCTIONAL CLASSIFICATION - | 5th STREET - LOCAL STREET    |
|                             | 6th STREET - MAJOR COLLECTOR |
|                             | 7th STREET - LOCAL STREET    |
|                             | PLUM STREET - LOCAL STREET   |
| TRAFFIC COUNT -             | 5th STREET - 650 A.D.T.      |
|                             | 6th STREET - 1250 A.D.T.     |
|                             | 7th STREET - 850 A.D.T.      |
|                             | PLUM STREET - 500/600 A.D.T. |

PLUM STREET  
SECTION 18-00057-00-SW  
STA. 27+11.5

6th STREET  
SECTION 18-00057-00-SW  
STA. 32+61.0

PLUM STREET  
SECTION 18-00057-00-SW  
STA. 19+62.0

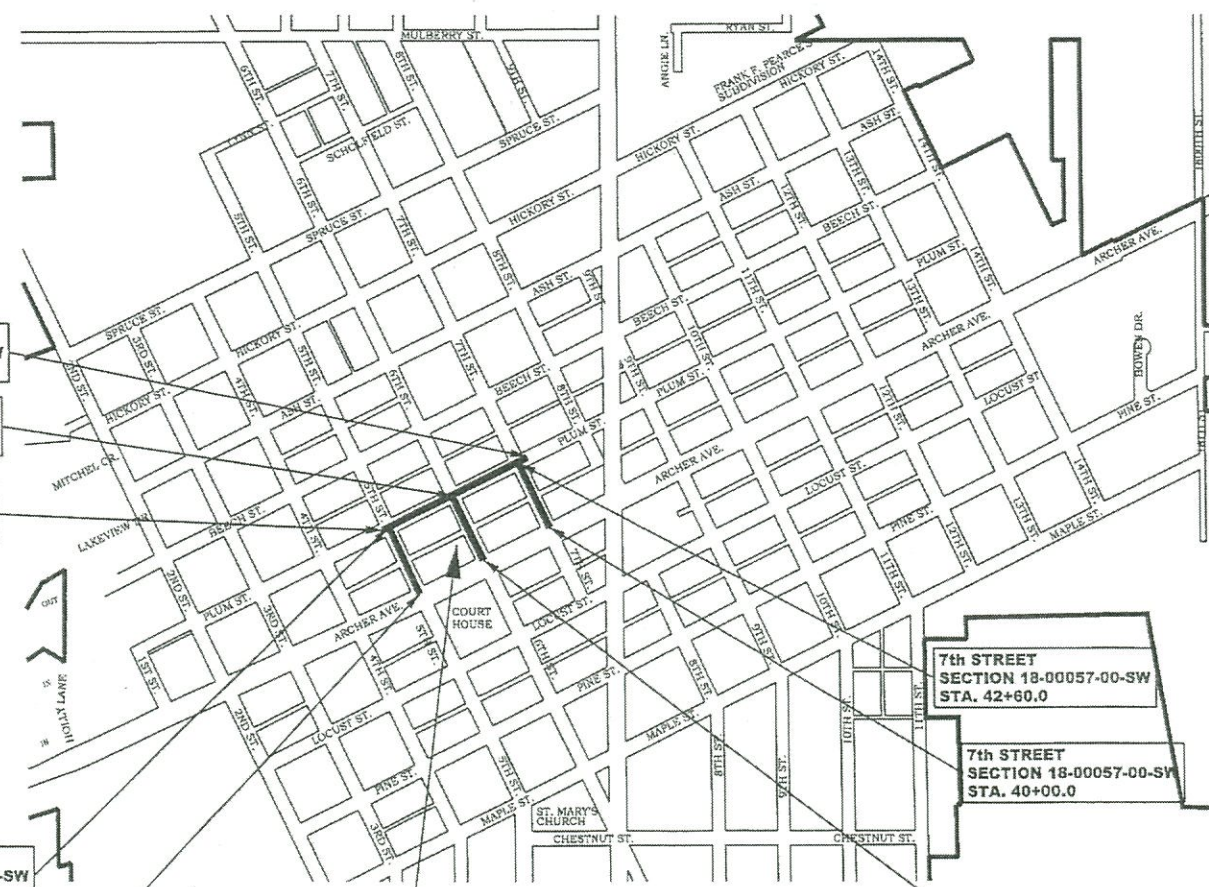
5th STREET  
SECTION 18-00057-00-SW  
STA. 12+60.0

5th STREET  
SECTION 18-00057-00-SW  
STA. 10+00.0

7th STREET  
SECTION 18-00057-00-SW  
STA. 42+60.0

7th STREET  
SECTION 18-00057-00-SW  
STA. 40+00.0

6th STREET  
SECTION 18-00057-00-SW  
STA. 30+00.0



PROJECT LOCATION

CITY OF MARSHALL  
(NOT TO SCALE)  
LOCATION MAP

TOTAL LENGTH OF 5th STREET = 260.0 LIN. FT. = 0.05 MILES  
TOTAL LENGTH OF 6th STREET = 261.0 LIN. FT. = 0.05 MILES  
TOTAL LENGTH OF 7th STREET = 260.0 LIN. FT. = 0.05 MILES  
TOTAL LENGTH OF PLUM STREET = 749.5 LIN. FT. = 0.14 MILES  
NET LENGTH OF PROJECT = 1,530.5 LIN. FT. = 0.29 MILES

THE SEAL OF THE ENGINEER SHOWN BELOW APPLIES TO SHEETS 1 THRU 5 ( SIDE A ) AND SHEETS 7 THRU 21.

*Corey M. Franzen* 10/4/2022  
COREY M. FRANZEN DATE  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062062154  
LICENSE EXPIRES 11/30/23



THE SEAL OF THE ENGINEER SHOWN BELOW APPLIES TO SHEET 5 ( SIDE B ) AND SHEET 6

*Mark A. Bingham* 9/7/2022  
MARK A. BINGHAM DATE  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062066480  
LICENSE EXPIRES 11/30/23



|  |  |
|--|--|
| ILLINOIS DEPARTMENT OF TRANSPORTATION            |  |
| APPROVED:  | <i>John Stehler</i> 10/5/22<br>CITY OF MARSHALL - MAYOR                    |
| PASSED:  | <i>Butt Walker</i> 11/7/22<br>DISTRICT 7 ENGINEER OF LOCAL ROADS & STREETS |
| RELEASING FOR BID<br>BASED ON LIMITED<br>REVIEW: | <i>Jeffrey Nguyen</i> 11/17/22<br>REGION 4 ENGINEER                        |

Call Before You Dig  
**1-800-4-A-DIG**  
ILLINOIS ONE CALL SYSTEM

CONTACT JULIE AT 811 OR 800-892-0123  
With the following:  
County CLARK  
City/Township CITY OF MARSHALL / MARSHALL  
Sec & 1/4 Sec No. 3W 1/4 SEC. 13-T1N-R12W, 2nd P.M.  
48 HOURS (2 working days) BEFORE YOU DIG

PREPARED BY,  
**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS  
SERVICE | SOLUTIONS | COMMITMENT

330 NORTH CENTRAL AVENUE  
PARIS, ILLINOIS 61944  
PH. (217) 465-5306

CONTRACT NO. 95927

| SUMMARY OF QUANTITIES |  |       |          |
|-----------------------|--|-------|----------|
| CODE NUMBER           | ITEM   | UNIT  | QUANTITY |
| 20800150              | TRENCH BACKFILL  | CU YD | 516.6    |
| 21101600              | TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH                    | SQ YD | 302.9    |
| 35101600              | AGGREGATE BASE COURSE, TYPE B 4"                             | SQ YD | 720      |
| 40200800              | AGGREGATE SURFACE COURSE, TYPE B                             | TON   | 50       |
| 42300200              | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH           | SQ YD | 252      |
| 42400100              | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                     | SQ FT | 17948.8  |
| 42400300              | PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH                     | SQ FT | 1384.3   |
| 42400800              | DETECTABLE WARNINGS  | SQ FT | 242.7    |
| 44000200              | DRIVEWAY PAVEMENT REMOVAL                                    | SQ YD | 695.6    |
| 44000500              | COMBINATION CURB AND GUTTER REMOVAL                          | FOOT  | 2441.7   |
| 44000600              | SIDEWALK REMOVAL   | SQ FT | 16863.4  |
| 44201329              | CLASS C PATCHES, TYPE II, 8 INCH                             | SQ YD | 22.2     |
| 44201333              | CLASS C PATCHES, TYPE III, 8 INCH                            | SQ YD | 21.6     |
| 44201335              | CLASS C PATCHES, TYPE IV, 8 INCH                             | SQ YD | 322.3    |
| 54216200              | REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER        | EACH  | 2        |
| 550A0050              | STORM SEWERS, CLASS A, TYPE 1 12"                            | FOOT  | 340      |
| 550A0070              | STORM SEWERS, CLASS A, TYPE 1 15"                            | FOOT  | 27       |
| 550A0090              | STORM SEWERS, CLASS A, TYPE 1 18"                            | FOOT  | 282      |
| 550A0120              | STORM SEWERS, CLASS A, TYPE 1 24"                            | FOOT  | 323      |
| 550A0130              | STORM SEWERS, CLASS A, TYPE 1 27"                            | FOOT  | 287      |
| 56109210              | WATER VALVES TO BE ADJUSTED                                  | EACH  | 2        |
| 60218400              | MANHOLES, TYPE A, 4" DIAMETER, TYPE 1 FRAME, CLOSED LID      | EACH  | 1        |
| 60221100              | MANHOLES, TYPE A, 5" DIAMETER, TYPE 1 FRAME, CLOSED LID      | EACH  | 5        |
| 60235700              | INLETS, TYPE A, TYPE 3 FRAME AND GRATE                       | EACH  | 11       |
| 60240220              | INLETS, TYPE B, TYPE 3 FRAME AND GRATE                       | EACH  | 2        |
| 60255800              | MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID    | EACH  | 1        |
| 60258300              | MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE | EACH  | 1        |
| 60263100              | INLETS TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE   | EACH  | 1        |

| SUMMARY OF QUANTITIES |  |        |          |
|-----------------------|--|--------|----------|
| CODE NUMBER           | ITEM   | UNIT   | QUANTITY |
| 60500060              | REMOVING INLETS  | EACH   | 6        |
| 60604400              | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.1S          | FOOT   | 2453.2   |
| 66900200              | NON-SPECIAL WASTE DISPOSAL                                 | CU YD  | 284      |
| 66900530              | SOIL DISPOSAL ANALYSIS                                     | EACH   | 5        |
| 66901001              | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN                 | L SUM  | 1        |
| 66901003              | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT             | L SUM  | 1        |
| 66901006              | REGULATED SUBSTANCES MONITORING                            | CAL DA | 5        |
| 67100100              | MOBILIZATION   | L SUM  | 1        |
| 70102620              | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501            | L SUM  | 1        |
| 70102640              | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801            | L SUM  | 1        |
| 72000100              | SIGN PANEL - TYPE 1  | SQ FT  | 12       |
| 72800100              | TELESCOPING STEEL SIGN SUPPORT                             | FOOT   | 60       |
| 81028320              | UNDERGROUND CONDUIT, PVC, 1" DIA.                          | FOOT   | 1462     |
| 81028350              | UNDERGROUND CONDUIT, PVC, 2" DIA.                          | FOOT   | 2075     |
| 81400100              | HANDHOLE   | EACH   | 18       |
| 81702110              | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10  | FOOT   | 7310     |
| 81702160              | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0 | FOOT   | 8300     |
| 82500330              | LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP      | EACH   | 2        |
| 83600200              | LIGHT POLE FOUNDATION, 24" DIAMETER                        | FOOT   | 168      |
| 83600300              | LIGHT POLE FOUNDATION, 30" DIAMETER                        | FOOT   | 17       |
| 20004002              | BOLLARDS   | EACH   | 30       |
| X0100025              | FLOWABLE FILL  | CU YD  | 5        |
| X0326694              | PLUG EXISTING STORM SEWERS                                 | CU YD  | 40       |
| X2500900              | SEEDING, CLASS 1 (SPECIAL)                                 | ACRE   | 0.25     |
| X5091765              | PIPE HANDRAIL, SPECIAL                                     | FOOT   | 27       |
| XX000388              | STORM WATER CURB OPENING                                   | EACH   | 8        |
| XX007393              | DECORATIVE LIGHT TYPE A                                    | EACH   | 33       |
| XX007394              | DECORATIVE LIGHT TYPE B                                    | EACH   | 3        |

Δ SPECIALTY ITEMS

### GENERAL NOTES

- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT.
- PLAN ELEVATIONS ARE BASED ON U.S.G.S. ELEVATIONS, NAVD 88.
- BEFORE WORKING WITH OR AROUND UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE ILLINOIS ONE-CALL SYSTEM JULIE AT 1-800-892-0123, 48 HOURS (EXCLUDING WEEKENDS AND/OR HOLIDAYS) PRIOR TO DIGGING. JULIE WILL NOTIFY THE OWNERS/OPERATORS OF UNDERGROUND FACILITIES WHO ARE JULIE MEMBERS OF THE PLANNED DIGGING ACTIVITY.
- WHERE THE STORM SEWER CROSSES EXISTING WATER MAINS OR OTHER UNDERGROUND CITY-OWNED UTILITIES, THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF MARSHALL WHERE CONFLICTS EXIST WITH THE PROPOSED ELEVATION OF THE STORM SEWER. THE CITY OF MARSHALL WILL BE RESPONSIBLE FOR RELOCATION OF THE EXISTING UTILITIES IF REQUIRED. FOR WATER MAIN CONFLICTS OR INSTANCES WHERE THE STORM SEWER WILL PASS OVER WATER MAIN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE STORM SEWER AS INDICATED IN THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
- COORDINATE WITH THE CITY OF MARSHALL TO POTHOLE THE LOCATIONS WHERE LIGHT FOUNDATIONS APPEAR TO CONFLICT WITH EXISTING WATER LINES. MINOR ADJUSTMENT OF LIGHT FOUNDATIONS MAY BE REQUIRED TO MISS WATER LINES.
- THERE IS NO EXISTING PAVEMENT AT ISOLATED LOCATIONS WHERE PAVEMENT PATCHES ARE SPECIFIED. THESE AREAS SHALL BE CONSTRUCTED TO MATCH THE ADJACENT AREAS OF PATCHING WHERE THERE IS EXISTING PAVEMENT. THIS ITEM WILL BE PAID FOR AS THE TYPE OF PATCH SPECIFIED, TO INCLUDE THE FULL AREA OF THE NEW PAVEMENT PLACED, AS DETERMINED BY THE ENGINEER. EXCAVATION REQUIRED TO PLACE THE PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PATCH.
- WHERE NEW CURB AND GUTTER CONSTRUCTION IS PROPOSED TO BE ABOVE THE EXISTING PAVEMENT ELEVATION, A TEMPORARY ASPHALT WEDGE WITH A MAXIMUM SLOPE OF 2.0% SHALL BE PLACED TO TRANSITION FROM THE ELEVATION AT THE FACE OF THE GUTTER TO THE EXISTING PAVEMENT FOR THE FULL WIDTH OF THE SIDEWALK RAMP. COORDINATE WITH THE CITY OF MARSHALL REGARDING THE TIMING OF THE RESURFACING (FUTURE CONTRACT). THE CITY MAY ELECT TO ELIMINATE THE WEDGE(S) BASED ON THE SCHEDULED CONSTRUCTION OF RESURFACING. THIS WORK WILL BE INCLUDED IN THE COST OF THE SIDEWALK CONSTRUCTION.
- WHERE THE TOP OF THE FLAG OF NEW CURB AND GUTTER CONSTRUCTION IS MORE THAN 1/4" BELOW THE ASPHALT PAVEMENT SURFACE AT AN ADA RAMP, THE EXISTING PAVEMENT SHALL BE BEVELED TO MEET PROWAG REQUIREMENTS. ELEVATION OF RESURFACED PAVEMENT (FUTURE CONTRACT) TO MATCH FLAG ELEVATION. THIS WORK WILL BE INCLUDED IN THE COST OF THE SIDEWALK CONSTRUCTION.
- THE CITY OF MARSHALL WILL PROVIDE THE REMOVAL AND RELOCATION OF STREET SIGNS AS REQUIRED. COORDINATE WITH THE CITY IN ADVANCE OF PERFORMING WORK THAT REQUIRES THE RELOCATION OF ONE OR MORE SIGNS. TEMPORARY SIGN PLACEMENT MAY BE REQUIRED. COORDINATE CONSTRUCTION WITH TEMPORARY SIGN LOCATIONS.
- SIDEWALK CONSTRUCTION IS DIRECTLY ADJACENT TO EXISTING LANDSCAPING OR RETAINING WALLS AT SOME LOCATIONS WHICH ARE AT OR NEAR THE RIGHT-OF-WAY LINE. THE CONTRACTOR SHALL TAKE CARE TO PROTECT THESE EXISTING ELEMENTS DURING REMOVAL OF EXISTING SIDEWALK AND CONSTRUCTION OF THE NEW SIDEWALK. TEMPORARY SUPPORT OF EXISTING RETAINING WALLS MAY BE NECESSARY.
- THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF REGULATED SUBSTANCES WITHIN THE IN SITU MATERIAL OF THE PROJECT SITE. REFERENCE THE "PRELIMINARY SITE INVESTIGATION, SITE: PROPOSED ROADWAY IMPROVEMENTS, 5TH STREET BETWEEN ARCHER AVENUE AND PLUM STREET, PLUM STREET BETWEEN 5TH AND 7TH STREETS, MARSHALL, CLARK COUNTY, ILLINOIS," BY MIDWEST ENGINEERING AND TESTING, INC. A COPY OF THE REPORT IS ON FILE WITH THE CITY OF MARSHALL. ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 669. ALL RELATED QUANTITIES SHOULD BE CONSIDERED AS APPROXIMATE, AND ARE NOT IN THE PLAN SCHEDULES.

CITY OF MARSHALL, CLARK COUNTY  
STREETScape PHASE III  
PROJECT No.: 2EFK (707)  
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CONTRACT NO.: 95927  
SHEET 2 OF 21

### DESIGN INFORMATION

- SEEDING**  
THE FOLLOWING ESTIMATED QUANTITIES ARE BASED ON SEEDING FROM R.O.W. TO R.O.W. WITH APPROPRIATE DEDUCTION FOR SIDEWALKS, PAVEMENT, SHOULDERS, AND DRIVEWAYS.  
  
APPLICATION RATES:  
90 LBS. / ACRE NITROGEN FERTILIZER NUTRIENT  
90 LBS. / ACRE PHOSPHORUS FERTILIZER NUTRIENT  
90 LBS. / ACRE POTASSIUM FERTILIZER NUTRIENT  
2 TON / ACRE MULCH (METHOD 1)  
  
SUMMARY OF SEEDING:  
SEEDING, CLASS 1 (SPECIAL) = 0.25 ACRES  
NITROGEN FERTILIZER NUTRIENT = 23 LBS.  
PHOSPHORUS FERTILIZER NUTRIENT = 23 LBS.  
POTASSIUM FERTILIZER NUTRIENT = 23 LBS.  
MULCH (METHOD 1) = 0.5 TONS
- PLUG EXISTING STORM SEWERS**  
PLAN QUANTITY INCLUDES AN ALLOWANCE OF 40 CUBIC YARDS TO BE USED TO PLUG ABANDONED STORM SEWER LINES.

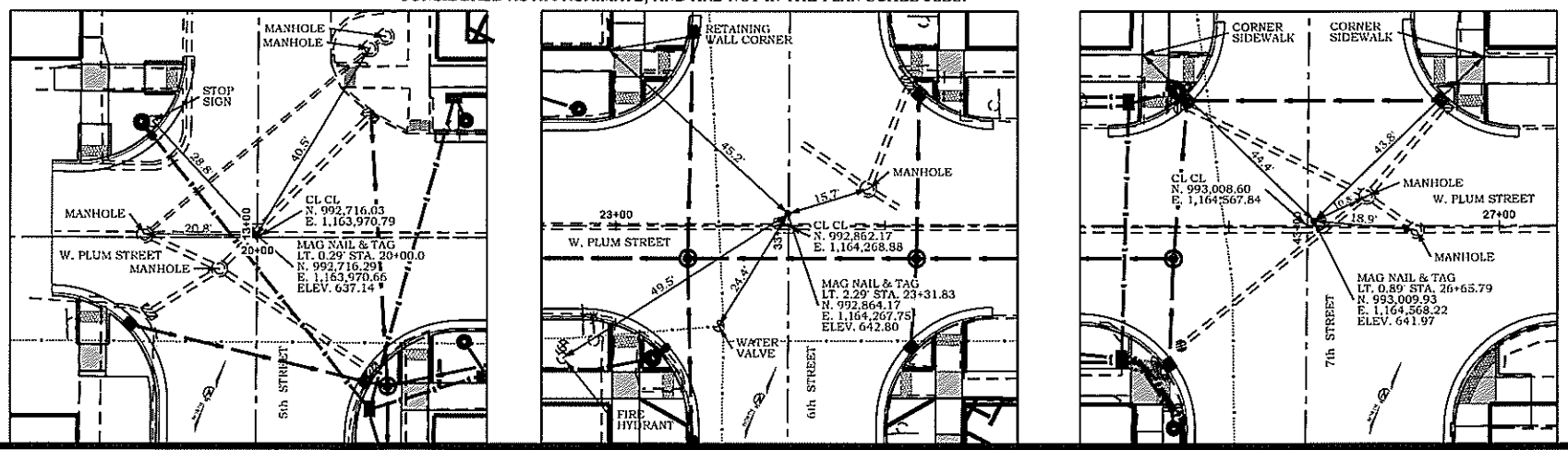
### BENCH MARKS

BM #1  
NGS BENCHMARK: A 15 1931  
TABLET IN CONCRETE AT THE SOUTHEAST CORNER OF THE CLARK COUNTY COURTHOUSE LAWN IN THE CITY OF MARSHALL, IL.  
N. 992,245.70 E. 1,164,527.59  
NAVD 88 ELEVATION: 641.14

#### COMMITMENT:

THE CONTRACTOR IS REQUIRED TO KEEP ALL SOIL EXCAVATED FROM THE FOLLOWING AREAS WITHIN RIGHT-OF-WAY. THIS INCLUDES BUT IS NOT LIMITED TO SPOILS FROM SIDEWALK, DRIVEWAY, OR OTHER REMOVAL OPERATIONS AND THE SPOILS FROM LIGHT FOUNDATION INSTALLATION. EXCAVATED SOILS FROM THESE AREAS SHALL BE SPREAD EVENLY TO THE SATISFACTION OF THE ENGINEER AT LOCATIONS THAT WILL BE SEEDED AND MAINTAINED AS GRASS AREAS IN THE FINAL CONDITION, OR BELOW PROPOSED SIDEWALK LOCATIONS WHERE PROPOSED GRADES ALLOW FOR ADDITION OF MATERIAL. EXCAVATED SOIL SHALL BE SPREAD PRIOR TO THE PLACEMENT OF TOPSOIL WHERE REQUIRED. LOCATIONS WHERE THIS APPLIES ARE AS FOLLOWS:

- 5TH ST. STATION 10+00 - 11+50 LEFT
- 6TH ST. STATION 31+30 - 32+50 LEFT
- 7TH ST. STATION 40+00 - 41+40 LEFT
- 7TH ST. STATION 40+00 - 43+00 RIGHT



**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS  
SERVICE | SOLUTIONS | COMMITMENT

330 NORTH CENTRAL AVENUE  
PARIS, ILLINOIS 61944  
PH. (217) 465-5306

SCALES  
PLAN: N-T-S

DRAWN: JLT  
DATE: 7/21/2022

CHECKED: [ ]  
DATE: [ ]

APPROVED: CMF  
DATE: 9/7/2022

REVISOR: [ ]  
DATE: [ ]

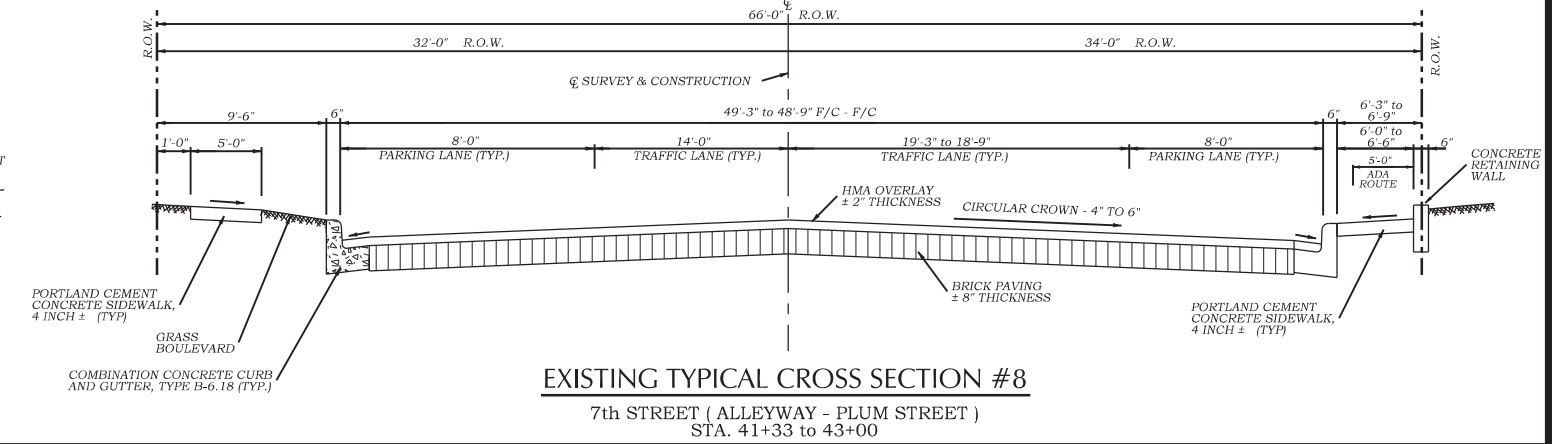
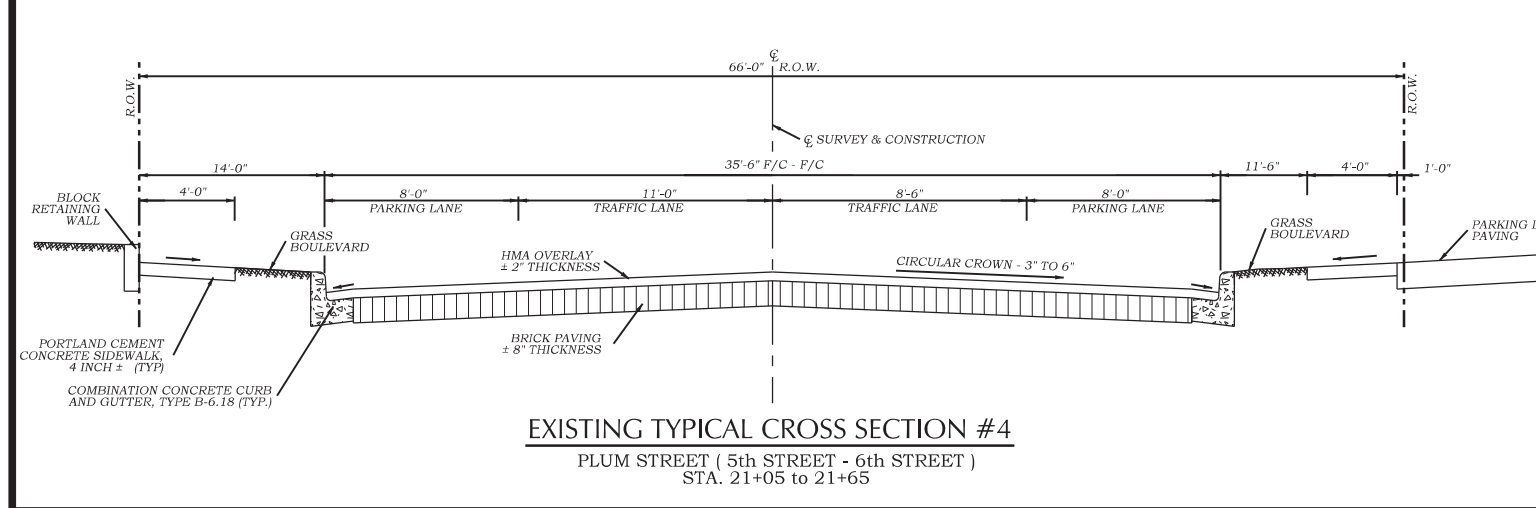
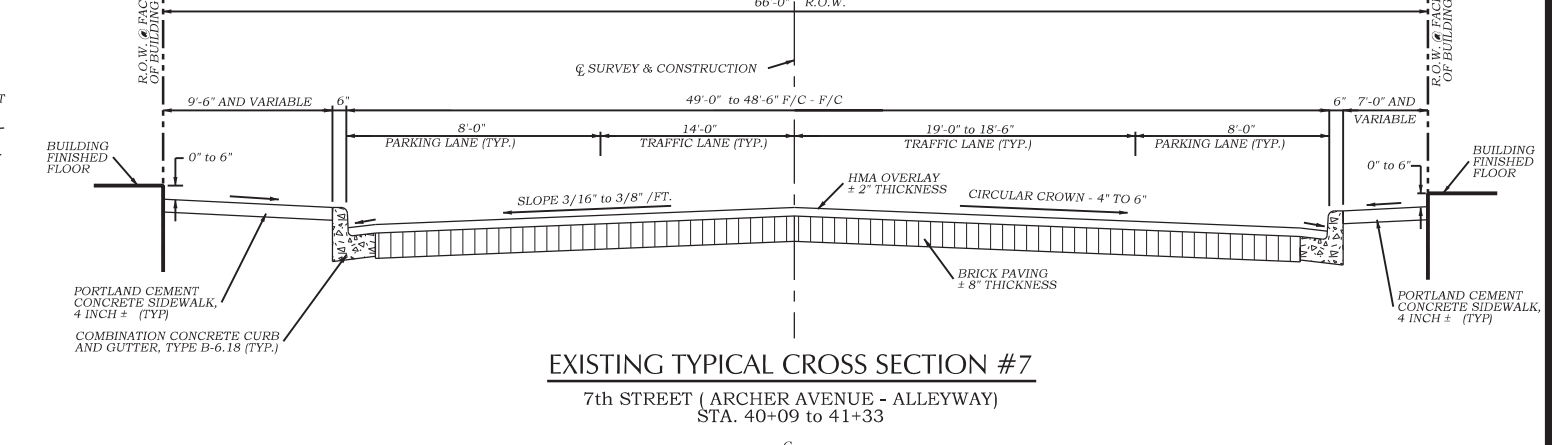
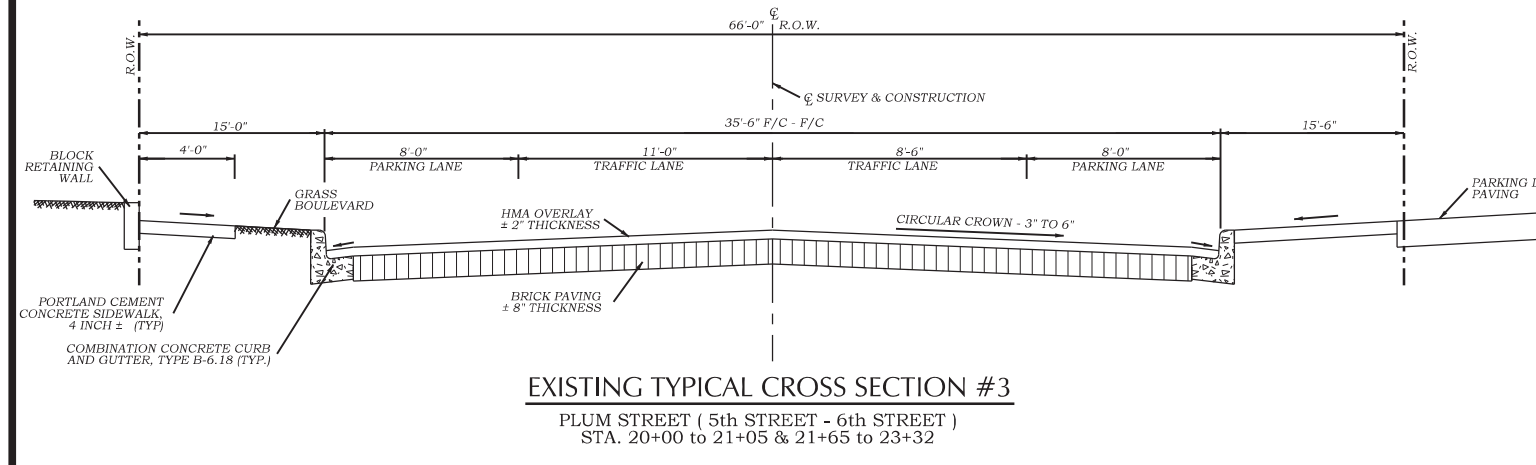
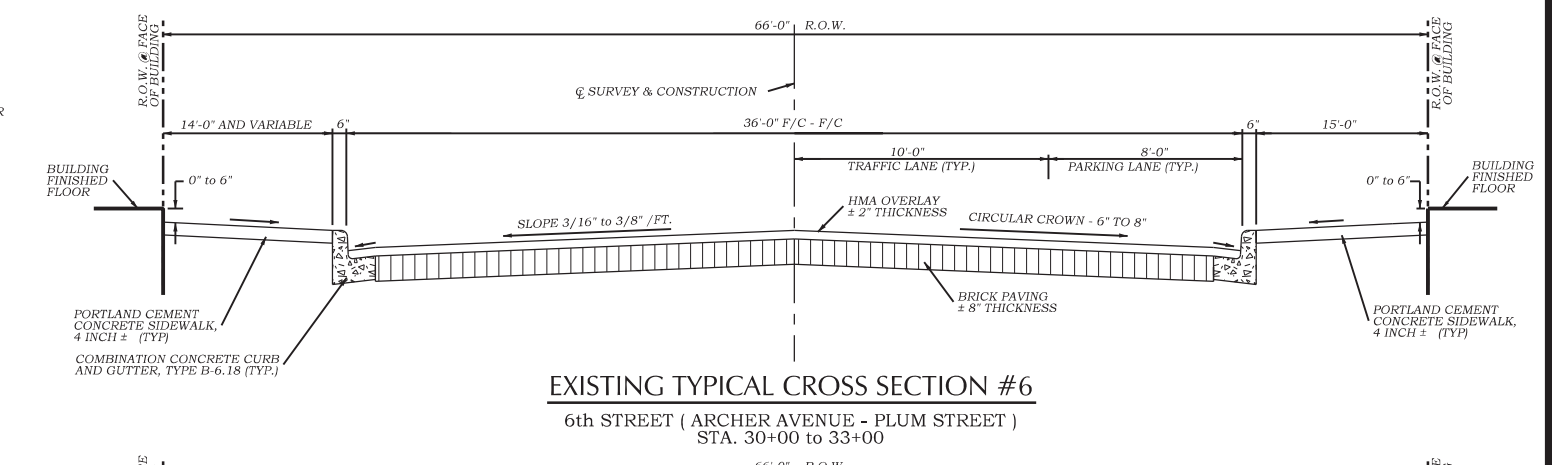
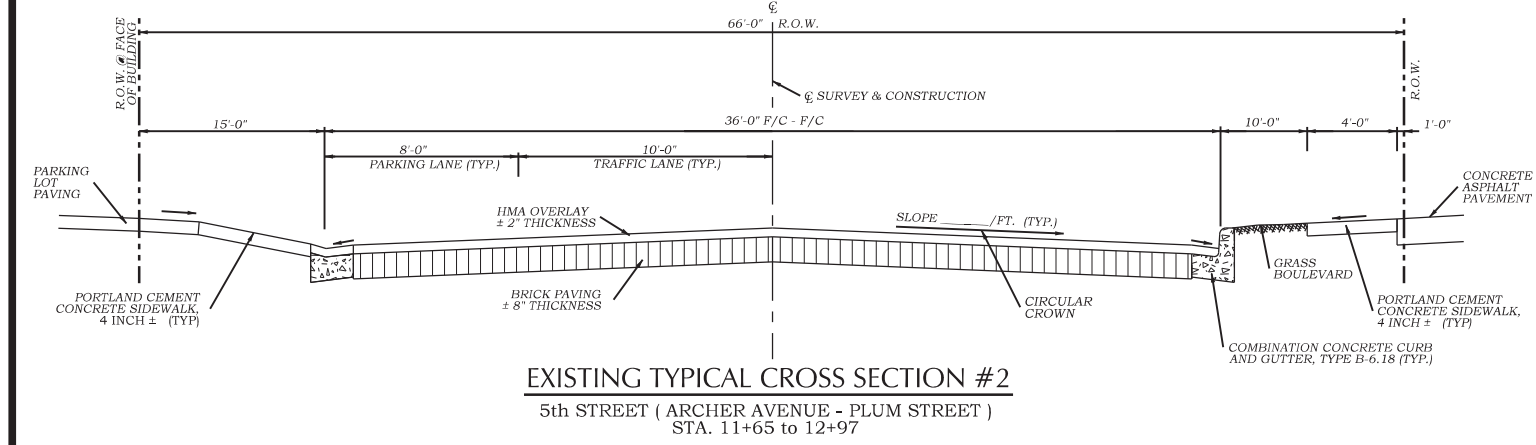
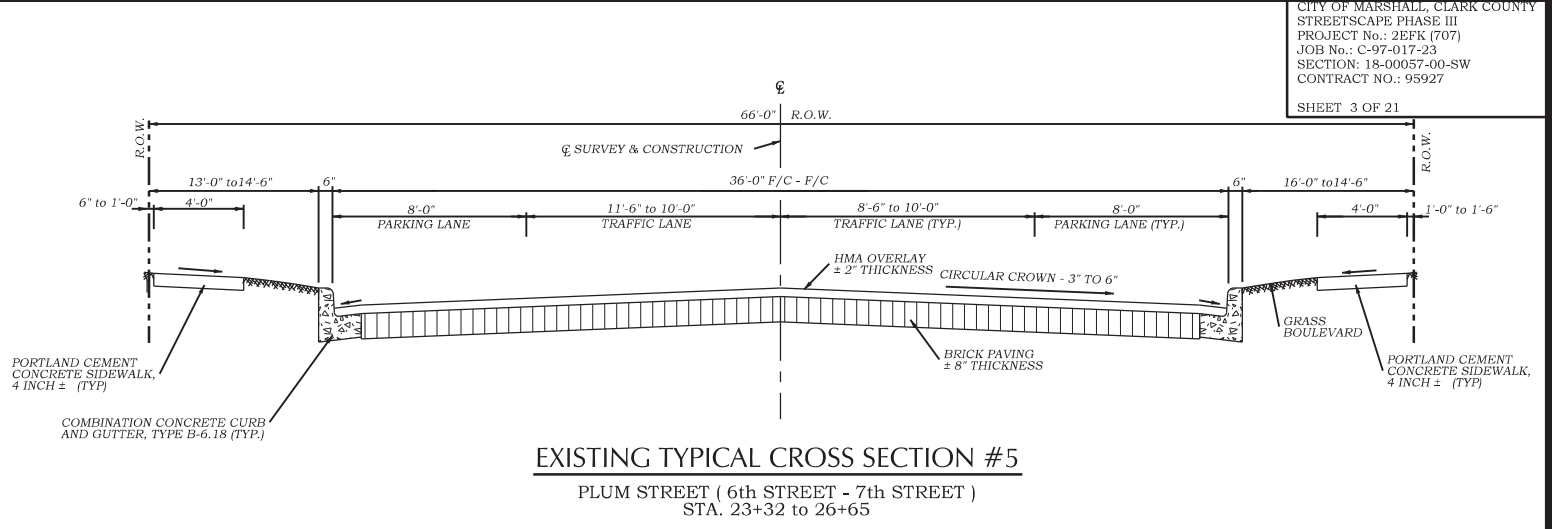
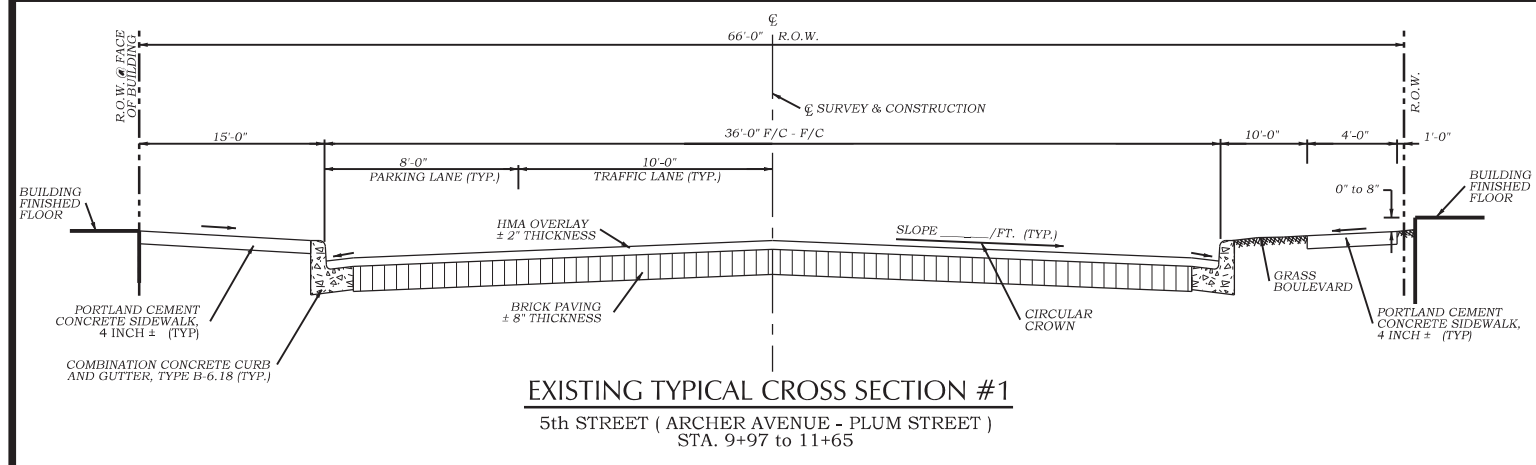
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CHASTAIN ENGINEERING  
FILE NO.  
**M-179**  
7667.07

GENERAL NOTES & SUMMARY OF QUANTITIES

DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3  
CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO.  
**2**  
OF 21 SHEETS

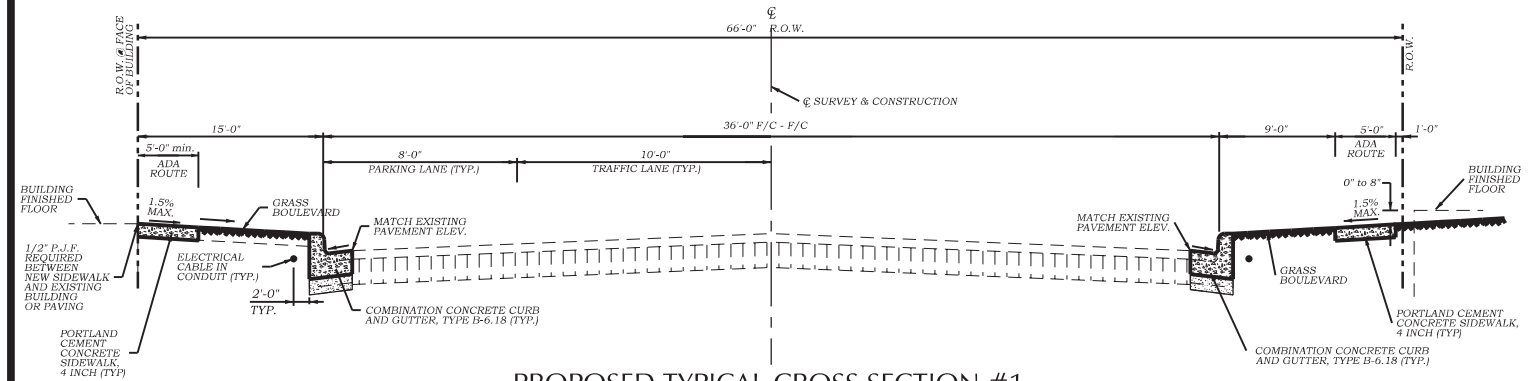


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|---|--|---|--|--|
| <p><b>CHASTAIN &amp; ASSOCIATES LLC</b><br/>         CONSULTING ENGINEERS<br/>         SERVICE   SOLUTIONS   COMMITMENT</p> | <p>330 NORTH CENTRAL AVENUE<br/>         PARIS, ILLINOIS 61944<br/>         PH. (217) 465-5306</p> | <p>SCALES</p> <p>PLAN : N-T-S</p> <p>REVISD DATE</p> <p>REVISD DATE</p> | <p>DRAWN TLT<br/>         DATE 7/21/2022</p> <p>CHECKED</p> <p>DATE</p> <p>APPROVED CME<br/>         DATE 9/7/2022</p> <p>REVISD DATE</p> <p>REVISD DATE</p> | <p>CHASTAIN ENGINEERING<br/>         FILE NO.<br/> <b>M-179</b><br/>         7667.07</p> |
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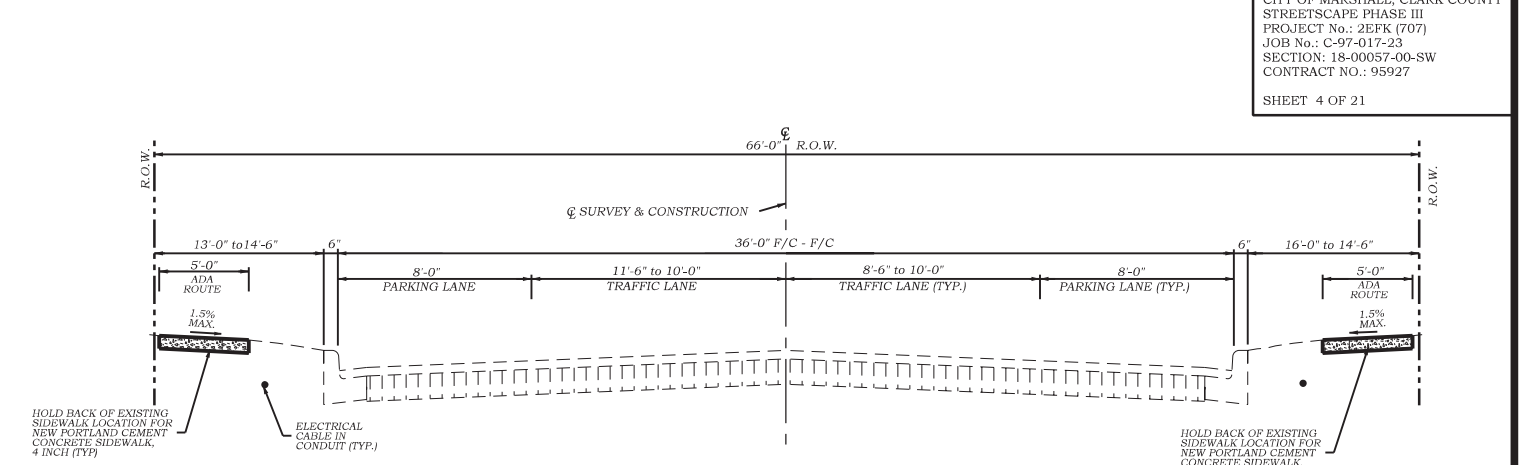
**EXISTING TYPICAL CROSS SECTIONS**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

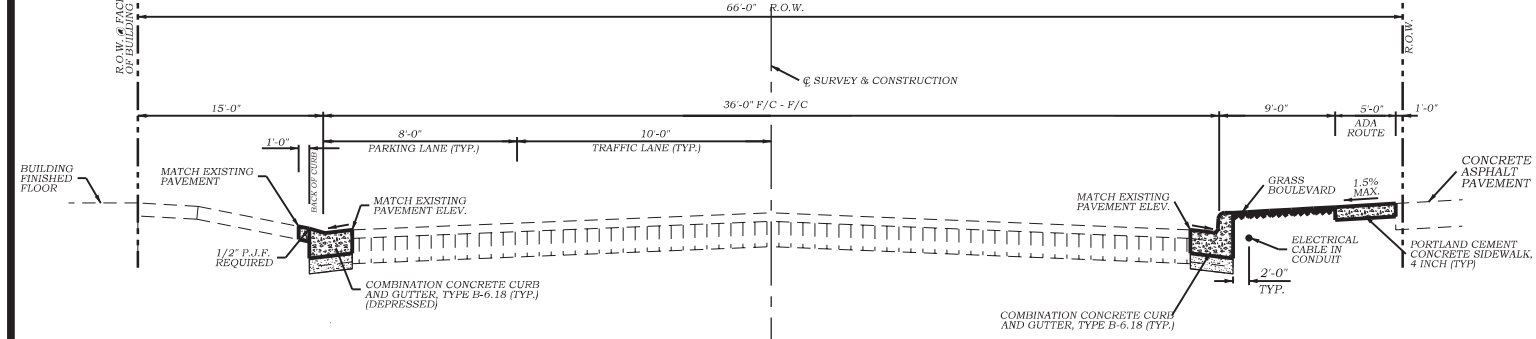
SHEET NO.  
**3**  
 OF 21 SHEETS



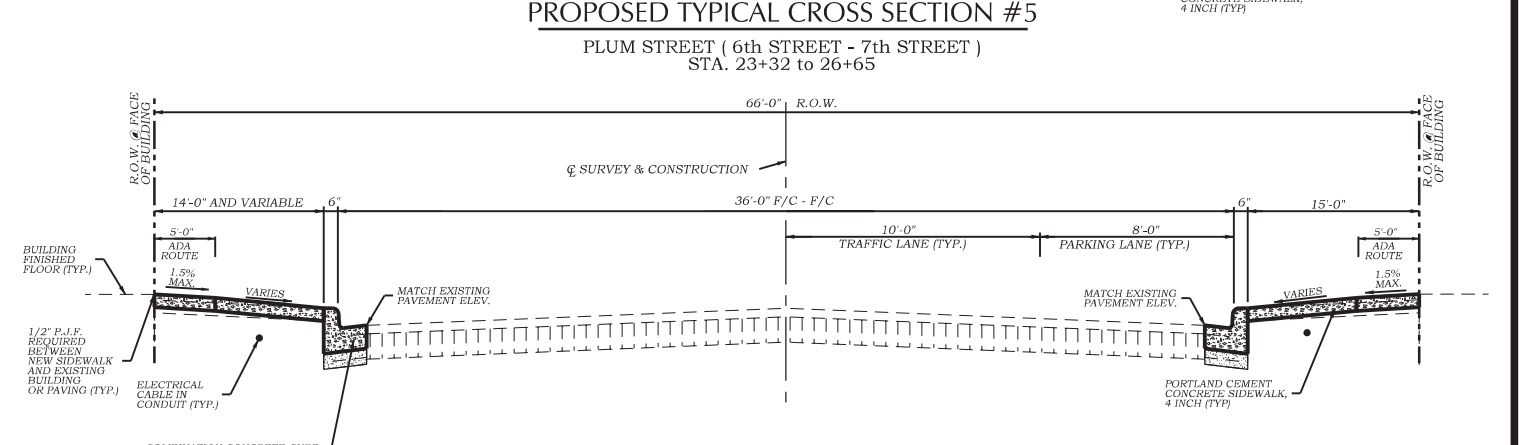
**PROPOSED TYPICAL CROSS SECTION #1**  
 5th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 9+97 to 11+65



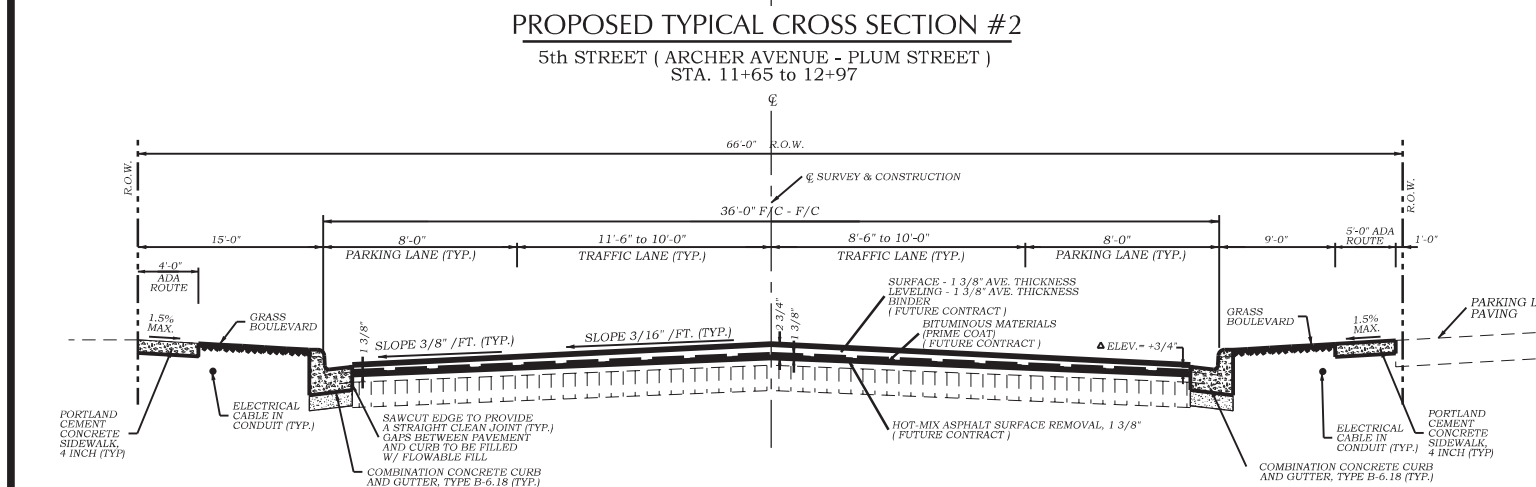
**PROPOSED TYPICAL CROSS SECTION #5**  
 PLUM STREET ( 6th STREET - 7th STREET )  
 STA. 23+32 to 26+65



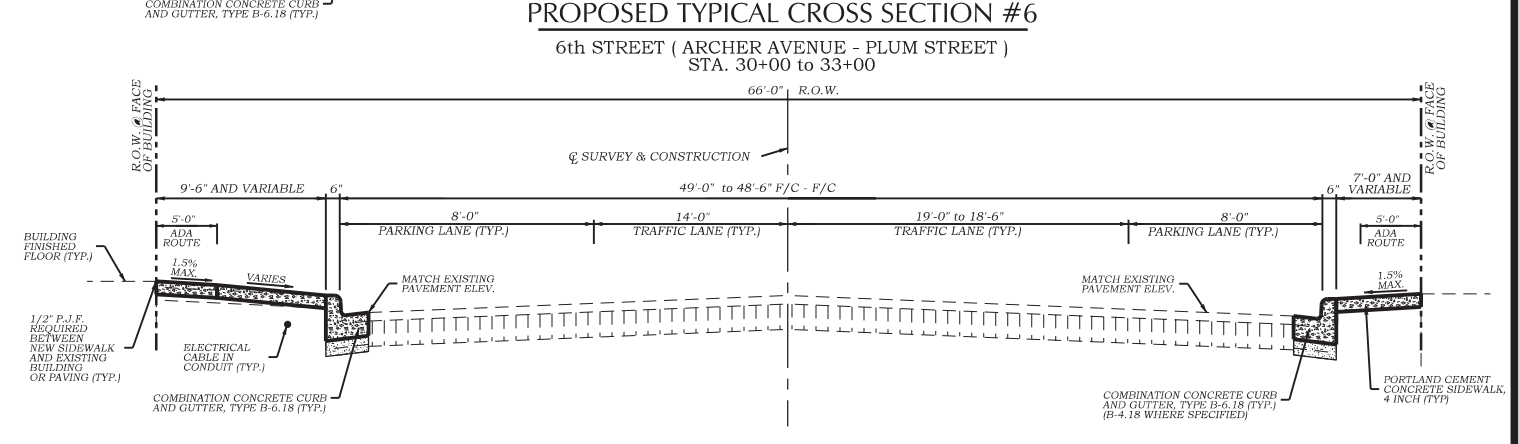
**PROPOSED TYPICAL CROSS SECTION #2**  
 5th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 11+65 to 12+97



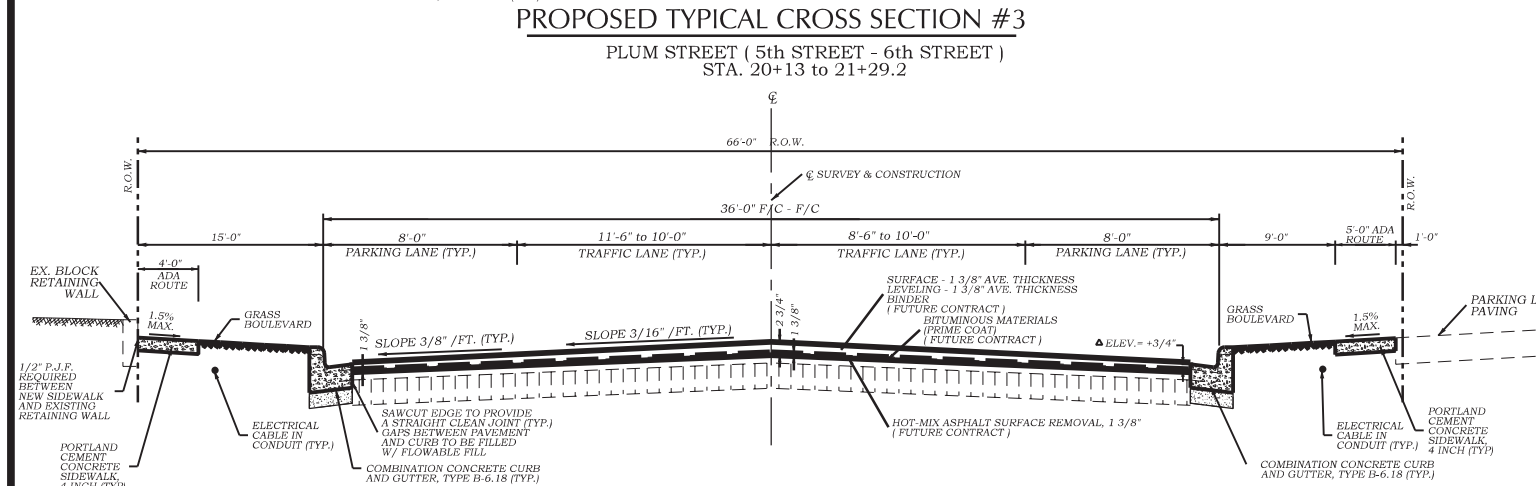
**PROPOSED TYPICAL CROSS SECTION #6**  
 6th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 30+00 to 33+00



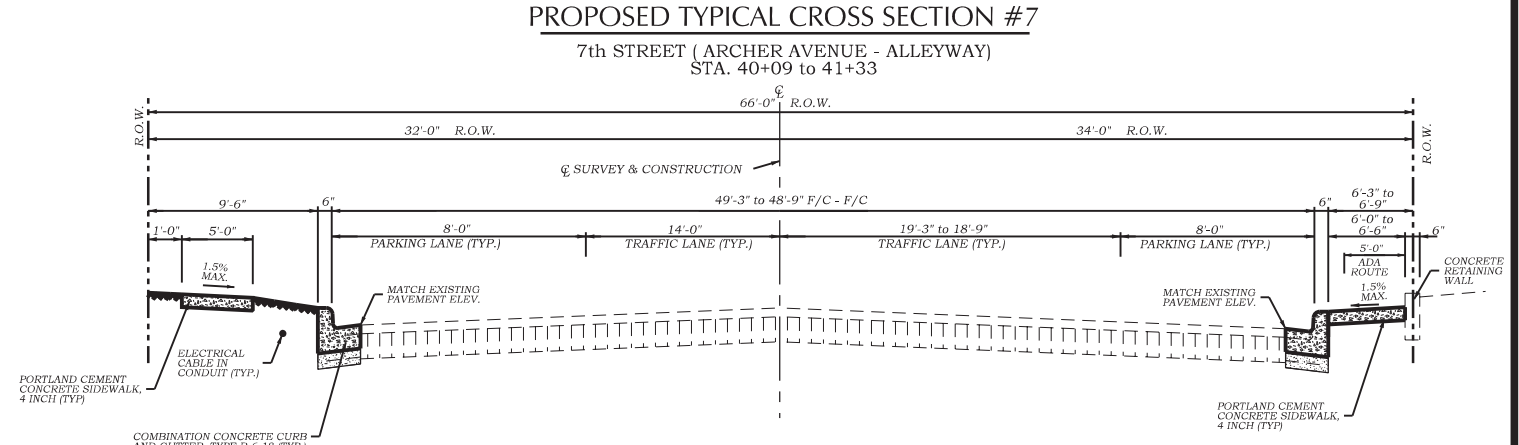
**PROPOSED TYPICAL CROSS SECTION #3**  
 PLUM STREET ( 5th STREET - 6th STREET )  
 STA. 20+13 to 21+29.2



**PROPOSED TYPICAL CROSS SECTION #7**  
 7th STREET ( ARCHER AVENUE - ALLEYWAY )  
 STA. 40+09 to 41+33



**PROPOSED TYPICAL CROSS SECTION #4**  
 PLUM STREET ( 5th STREET - 6th STREET )  
 STA. 21+29.2 to 23+32



**PROPOSED TYPICAL CROSS SECTION #8**  
 7th STREET ( ALLEYWAY - PLUM STREET )  
 STA. 41+33 to 43+00

**CHASTAIN & ASSOCIATES LLC**  
 CONSULTING ENGINEERS  
 SERVICE | SOLUTIONS | COMMITMENT

330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

|              |               |                 |
|--------------|---------------|-----------------|
| SCALES       | DRAWN: TLT    | DATE: 7/21/2022 |
| PLAN: N-T-S  | CHECKED: [ ]  | DATE: [ ]       |
| REVISED: [ ] | APPROVED: CME | DATE: 9/7/2022  |
| REVISED: [ ] | REVISED: [ ]  | DATE: [ ]       |

CHASTAIN ENGINEERING FILE NO. **M-179**  
 7667.07

**PROPOSED TYPICAL CROSS SECTIONS**  
 DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO. **4** OF 21 SHEETS

| STORM SEWER STRUCTURES |          |         |   |                  |                                |                                |              |             |              |            |        |
|------------------------|----------|---------|---|------------------|--------------------------------|--------------------------------|--------------|-------------|--------------|------------|--------|
| PT.                    | OFFSET   | STATION | STRUCTURE TYPE  | TOP OF LID ELEV. | TOP OF FLAT SLAB OR CONE ELEV. | LID OR FLOWLINE OF GRATE ELEV. | INV. ELEV.   | INV. ELEV.  | INV. ELEV.   | INV. ELEV. | SYMBOL |
| 1                      | 23.2' LT | 26+89.1 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 640.56                         | 641.25                         | 639.06       |             |              |            |        |
| 2                      | 23.2' LT | 26+42.2 | INLET, TYPE B, TYPE 3 FRAME AND GRATE   |                  | 640.55                         | 641.24                         | 638.60 (E)   | 638.40 (S)  |              |            |        |
| 3                      | 6' RT    | 26+40.3 | MANHOLE, TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID  | 641.92           | 641.17                         |                                | 638.17 (N)   | 638.75 (S)  | 637.97 (W)   |            |        |
| 4                      | 6' RT    | 23+55.8 | MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID  | 642.35           | 641.60                         |                                | 636.98 (E)   | 639.51 (S)  | 639.33 (N)   | 636.58 (W) |        |
| 5                      |          |         |   |                  |                                |                                |              |             |              |            |        |
| 6                      | 26' RT   | 9+84.3  | MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID  | 639.29           | 638.54                         |                                | 632.31 (N)   | 632.31 (SW) |              |            |        |
| 7                      | 20' RT   | 9+78.0  | CONNECT TO EXISTING STRUCTURE<br>MANHOLE RECONSTRUCTION WITH NEW PIPE CONNECTION<br>& TYPE 3 FRAME AND GRATE                |                  |                                |                                | 632.29 (NE)  | 632.04 (EX) |              |            |        |
| 8                      | 25.5' RT | 26+39.0 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 640.59                         | 641.28                         | 638.92       |             |              |            |        |
| 9                      | 22.3' RT | 23+54.7 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 641.21                         | 641.90                         | 639.71       |             |              |            |        |
| 10                     | 24.2' LT | 23+56.2 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 641.13                         | 641.82                         | 639.63       |             |              |            |        |
| 11                     | 40.0' RT | 23+14.0 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 641.40                         | 642.09                         | 639.90       |             |              |            |        |
| 12                     | 6' RT    | 23+13.3 | MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID  | 642.55           | 641.80                         |                                | 636.32 (E,W) | 639.50 (N)  | 639.56 (S)   |            |        |
| 13                     | 36.0' LT | 23+14.3 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 641.42                         | 642.11                         | 639.92       |             |              |            |        |
| 14                     |          |         |   |                  |                                |                                |              |             |              |            |        |
| 15                     | 16.6' RT | 21+89.3 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 639.29                         | 639.98                         | 637.92       |             |              |            |        |
| 16                     | 6' RT    | 21+89.3 | REINFORCED CONCRETE PIPE TEE, 24" PIPE<br>WITH 12" RISER  |                  |                                |                                | 635.52 (E,W) | 636.02 (S)  |              |            |        |
| 17                     | 18.8' LT | 21+86.1 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 639.13                         | 639.82                         | 637.77       |             |              |            |        |
| 18                     | 6' RT    | 21+83.3 | REINFORCED CONCRETE PIPE TEE, 24" PIPE<br>WITH 12" RISER  |                  |                                |                                | 635.48 (E,W) | 635.98 (N)  |              |            |        |
| 19                     | 16.6' RT | 21+25.7 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 638.03                         | 638.72                         | 636.64       |             |              |            |        |
| 20                     | 6' RT    | 21+25.7 | MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID  | 639.17           | 638.42                         |                                | 635.10 (E)   | 634.58 (SW) | 635.60 (N,S) |            |        |
| 21                     | 18.9' LT | 21+22.5 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 637.98                         | 638.67                         | 636.61       |             |              |            |        |
| 22                     |          |         |   |                  |                                |                                |              |             |              |            |        |
| 23                     |          |         |   |                  |                                |                                |              |             |              |            |        |
| 24                     |          |         |   |                  |                                |                                |              |             |              |            |        |
| 25                     |          |         |   |                  |                                |                                |              |             |              |            |        |
| 26                     | 22.7' LT | 20+21.1 | EXISTING INLET, TYPE A, TYPE 3 FRAME AND GRATE<br>INLET RECONSTRUCTION WITH NEW PIPE CONNECTION<br>& TYPE 3 FRAME AND GRATE |                  | 635.34                         | 636.03                         | 634.35 (S)   | EX-632.93   |              |            |        |
| 27                     | 16.1' RT | 19+76.2 | INLET, TYPE A, TYPE 3 FRAME AND GRATE   |                  | 635.76                         | 636.45                         | 634.40       |             |              |            |        |
| 28                     | 26.7' RT | 20+20.2 | INLET, TYPE B, TYPE 3 FRAME AND GRATE   |                  | 635.96                         | 636.65                         | 633.97 (W,E) |             |              |            |        |
| 29                     | 27.5' RT | 20+24.2 | MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID  | 637.5            | 636.75                         |                                | 633.85 (N,S) | 633.91 (W)  | 633.91 (NE)  |            |        |

\*\*\*ALL STRUCTURE INVERT ELEVATIONS ARE TO PIPE INVERT, NOT TO STRUCTURE FLOOR SLAB

| STORM SEWER SCHEDULE |    |       |                                  |                                  |                                  |                                  |                              |     |       |
|----------------------|----|-------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|------------------------------|-----|-------|
| PT                   | PT | SLOPE | TYPE 1, RCP<br>12" DIA<br>(FOOT) | TYPE 1, RCP<br>15" DIA<br>(FOOT) | TYPE 1, RCP<br>18" DIA<br>(FOOT) | TYPE 1, RCP<br>24" DIA<br>(FOOT) | TRENCH<br>BACKFILL<br>(C.Y.) |     |       |
| 1                    | -- | 2     | 1.00%                            | 46                               |                                  |                                  | 4.7                          |     |       |
| 2                    | -- | 3     | 0.88%                            |                                  | 27                               |                                  | 5.2                          |     |       |
| 3                    | -- | 4     | 0.35%                            |                                  |                                  | 282                              | 100.1                        |     |       |
| 4                    | -- | 12    | 0.65%                            |                                  |                                  | 39                               | 29.8                         |     |       |
| 12                   | -- | 20    | 0.65%                            |                                  |                                  | 184                              | 77.8                         |     |       |
| 20                   | -- | 29    | 0.65%                            |                                  |                                  | 100                              | 36.4                         |     |       |
| 29                   | -- | 6     | 0.55%                            |                                  |                                  | 282                              | 221.7                        |     |       |
| 6                    | -- | 7     | 0.55%                            |                                  |                                  | 5                                | 4.1                          |     |       |
| 8                    | -- | 3     | 1.00%                            | 18                               |                                  |                                  | 2.4                          |     |       |
| 9                    | -- | 4     | 1.54%                            | 14                               |                                  |                                  | 1.5                          |     |       |
| 10                   | -- | 4     | 1.11%                            | 28                               |                                  |                                  | 3.4                          |     |       |
| 11                   | -- | 12    | 1.00%                            | 32                               |                                  |                                  | 3.8                          |     |       |
| 13                   | -- | 12    | 1.00%                            | 40                               |                                  |                                  | 4.9                          |     |       |
| 15                   | -- | 16    | 21.11%                           | 10                               |                                  |                                  | 1.8                          |     |       |
| 17                   | -- | 18    | 7.46%                            | 25                               |                                  |                                  | 4.5                          |     |       |
| 19                   | -- | 20    | 9.81%                            | 9                                |                                  |                                  | 1.0                          |     |       |
| 21                   | -- | 20    | 4.04%                            | 23                               |                                  |                                  | 3.2                          |     |       |
| 26                   | -- | 29    | 1.00%                            | 48                               |                                  |                                  | 6.1                          |     |       |
| 27                   | -- | 28    | 0.93%                            | 44                               |                                  |                                  | 4.2                          |     |       |
| 28                   | -- | 29    | 1.50%                            | 3                                |                                  |                                  | 0.0                          |     |       |
| TOTALS               |    |       |                                  | 340                              | 27                               | 282                              | 323                          | 287 | 516.6 |

| LIGHT POLE FOUNDATION SCHEDULE |          |      |       |          |                         |
|--------------------------------|----------|------|-------|----------|-------------------------|
| ID NO.                         | STATION  | LEFT | RIGHT | STATUS   | DESCRIPTION (EACH)      |
| A1                             | 10+26.8  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| A2                             | 10+65.8  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| A3                             | 11+56.77 | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| A4                             | 11+91.37 | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| A5                             | 11+16.93 | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| A6                             | 10+38.32 | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| B1                             | 30+30.6  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| B2                             | 31+00.9  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| B3                             | 31+73.9  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| B4                             | 32+54.0  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| B5                             | 32+52.6  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| B6                             | 31+72.4  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| B7                             | 30+79.3  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| B8                             | 30+31.0  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| C1                             | 40+38.8  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| C2                             | 41+17.4  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| C3                             | 41+87.5  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| C4                             | 42+62.7  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D1                             | 20+38.6  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D2                             | 21+23.5  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D3                             | 22+08.3  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D4                             | 22+93.1  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D5                             | 23+80.5  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D6                             | 24+52.0  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D7                             | 25+15.7  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D8                             | 25+90.6  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D9                             | 25+89.9  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D10                            | 25+19.9  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D11                            | 24+49.9  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D12                            | 23+79.9  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D13                            | 22+02.4  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D14                            | 21+23.5  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| D15                            | 20+38.4  | X    |       | PROPOSED | 24" DIAMETER - CONCRETE |
| E1                             | 19+78.6  | X    |       | PROPOSED | 30" DIAMETER - CONCRETE |
| E2                             | 23+06.7  | X    |       | PROPOSED | 30" DIAMETER - CONCRETE |
| E3                             | 26+40    | X    |       | PROPOSED | 30" DIAMETER - CONCRETE |

| HANDHOLES SCHEDULE |         |      |       |        |                                  |
|--------------------|---------|------|-------|--------|----------------------------------|
| ID NO.             | STATION | LEFT | RIGHT | OFFSET | DESCRIPTION (EACH)               |
| H1                 | 11+33.1 | X    | 21'   |        | PORTLAND CEMENT CONC. HEAVY DUTY |
| H2                 | 20+20.8 | X    | 31.7' |        | PORTLAND CEMENT CONCRETE         |
| H3                 | 41+46.1 | X    | 25'   |        | PORTLAND CEMENT CONCRETE         |
| H4                 | 26+30.0 | X    | 24.5' |        | PORTLAND CEMENT CONCRETE         |
| H6                 | 22+02.5 | X    | 25.4' |        | PORTLAND CEMENT CONC. HEAVY DUTY |
| H7                 | 20+42.1 | X    | 25.7' |        | PORTLAND CEMENT CONCRETE         |
| H8                 | 26+31.4 | X    | 23'   |        | PORTLAND CEMENT CONCRETE         |
| H9                 | 24+60.2 | X    | 23'   |        | PORTLAND CEMENT CONCRETE         |
| H10                | 24+56.1 | X    | 23'   |        | PORTLAND CEMENT CONCRETE         |
| H11                | 41+20.6 | X    | 25'   |        | COMPOSITE CONCRETE               |
| H12                | 20+36.5 | X    | 25.8' |        | PORTLAND CEMENT CONCRETE         |
| H13                | 22+24.0 | X    | 25.7' |        | COMPOSITE CONCRETE               |
| H14                | 32+36.9 | X    | 25.6' |        | COMPOSITE CONCRETE               |
| H15                | 30+49.3 | X    | 23'   |        | COMPOSITE CONCRETE               |
| P1                 | 10+61.3 | X    | 21'   |        | PORTLAND CEMENT CONCRETE         |
| P2                 | 12+01.5 | X    | 21'   |        | PORTLAND CEMENT CONCRETE         |
| P3                 | 31+52.9 | X    | 23'   |        | COMPOSITE CONCRETE               |
| P4                 | 31+20.2 | X    | 23'   |        | COMPOSITE CONCRETE               |

| ELECTRIC CABLE IN CONDUIT SCHEDULE |              |              |  |  |            |                    |           |                   |  |  |            |                    |           |                   |  |
|------------------------------------|--------------|--------------|--|--|------------|--------------------|-----------|-------------------|--|--|------------|--------------------|-----------|-------------------|--|
| Circuit                            | FROM ID      | TO ID        | 2" CONDUIT, PVC<br>TRENCH - 1' DEPTH (TYP.)<br>(LINEAL FOOT) | 1" CONDUIT, PVC<br>TRENCH - 1' DEPTH (TYP.)<br>(LINEAL FOOT) | Number of  |                    | Number of |                   | 2" CONDUIT, PVC<br>TRENCH - 1' DEPTH (TYP.)<br>(LINEAL FOOT) | 1" CONDUIT, PVC<br>TRENCH - 1' DEPTH (TYP.)<br>(LINEAL FOOT) | Number of  |                    | Number of |                   |  |
|                                    |              |              |  |  | #1/0 wires | #1/0 wiring (FEET) | #10 wires | #10 wiring (FEET) |  |  | #1/0 wires | #1/0 wiring (FEET) | #10 wires | #10 wiring (FEET) |  |
| 1                                  | Controller 1 | H1 A5        | 52   | 15   | 4          | 208                | 5         | 75                |  |  |            |                    |           |                   |  |
|                                    |              | H1 P1        | 70   |  | 4          | 280                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | P1 A2        |  | 42   |            |                    | 5         | 210               |  |  |            |                    |           |                   |  |
|                                    |              | A2 A1        |  | 39   |            |                    | 5         | 195               |  |  |            |                    |           |                   |  |
|                                    |              | P1 A6        |  | 23   |            |                    | 5         | 115               |  |  |            |                    |           |                   |  |
|                                    |              | H1 P2        | 65   |  | 4          | 260                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | P2 A4        |  | 10   |            |                    | 5         | 50                |  |  |            |                    |           |                   |  |
|                                    |              | P2 A3        |  | 56   |            |                    | 5         | 280               |  |  |            |                    |           |                   |  |
|                                    |              |              |  |  | 187        | 185                | 12        | 748               | 30   | 925  |            |                    |           |                   |  |
|                                    |              | Controller 1 |  |  | 52         |                    | 4         | 208               |  |  |            |                    |           |                   |  |
| 2                                  | Controller 2 | H1 H2        | 133  |  | 4          | 532                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | H2 H7        | 60   |  | 4          | 240                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | H2 E1        |  | 68   |            |                    | 5         | 340               |  |  |            |                    |           |                   |  |
|                                    |              | H2 H12       | 16   |  | 4          | 64                 |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | H12 H6       | 167  |  | 4          | 668                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | H12 D14      |  | 90   |            |                    | 5         | 450               |  |  |            |                    |           |                   |  |
|                                    |              | H12 D15      |  | 7  |            |                    | 5         | 35                |  |  |            |                    |           |                   |  |
|                                    |              | H6 D13       |  | 6  |            |                    | 5         | 30                |  |  |            |                    |           |                   |  |
|                                    |              | H6 E2        |  | 105  |            |                    | 5         | 525               |  |  |            |                    |           |                   |  |
|                                    |              | H7 D1        |  | 5  |            |                    | 5         | 25                |  |  |            |                    |           |                   |  |
|                                    |              | H7 D2        |  | 88   |            |                    | 5         | 440               |  |  |            |                    |           |                   |  |
|                                    |              | H7 H13       | 188  |  | 4          | 752                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | H13 D3       |  | 17   |            |                    | 5         | 85                |  |  |            |                    |           |                   |  |
|                                    |              | H13 D4       |  | 70   |            |                    | 5         | 350               |  |  |            |                    |           |                   |  |
|                                    |              | Controller 2 |  |  | 616        | 456                | 24        | 2464              | 45   | 2280   |            |                    |           |                   |  |
| 3                                  | Controller 1 | P3 H14       | 230  |  | 4          | 920                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | H14 B4       | 82   |  | 4          | 328                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | B4 B5        |  | 16   |            |                    | 5         | 80                |  |  |            |                    |           |                   |  |
|                                    |              | P3 B3        |  | 42   |            |                    | 5         | 210               |  |  |            |                    |           |                   |  |
|                                    |              | B3 B6        |  | 42   |            |                    | 5         | 210               |  |  |            |                    |           |                   |  |
|                                    |              | P3 P4        | 30   |  | 4          | 120                |           |                   |  |  |            |                    |           |                   |  |
|                                    |              | P4 B2        |  | 18   |            |                    | 5         | 90                |  |  |            |                    |           |                   |  |
|                                    |              | B2 B7        |  | 47   |            |                    | 5         | 235               |  |  |            |                    |           |                   |  |
|                                    |              | P4 H15       | 68   |  | 4          | 272                |           |                   |  |  |            |                    |           |                   |  |

**LEGEND**

ID # - CIRCUIT #  
LIGHT CONTROLLER #

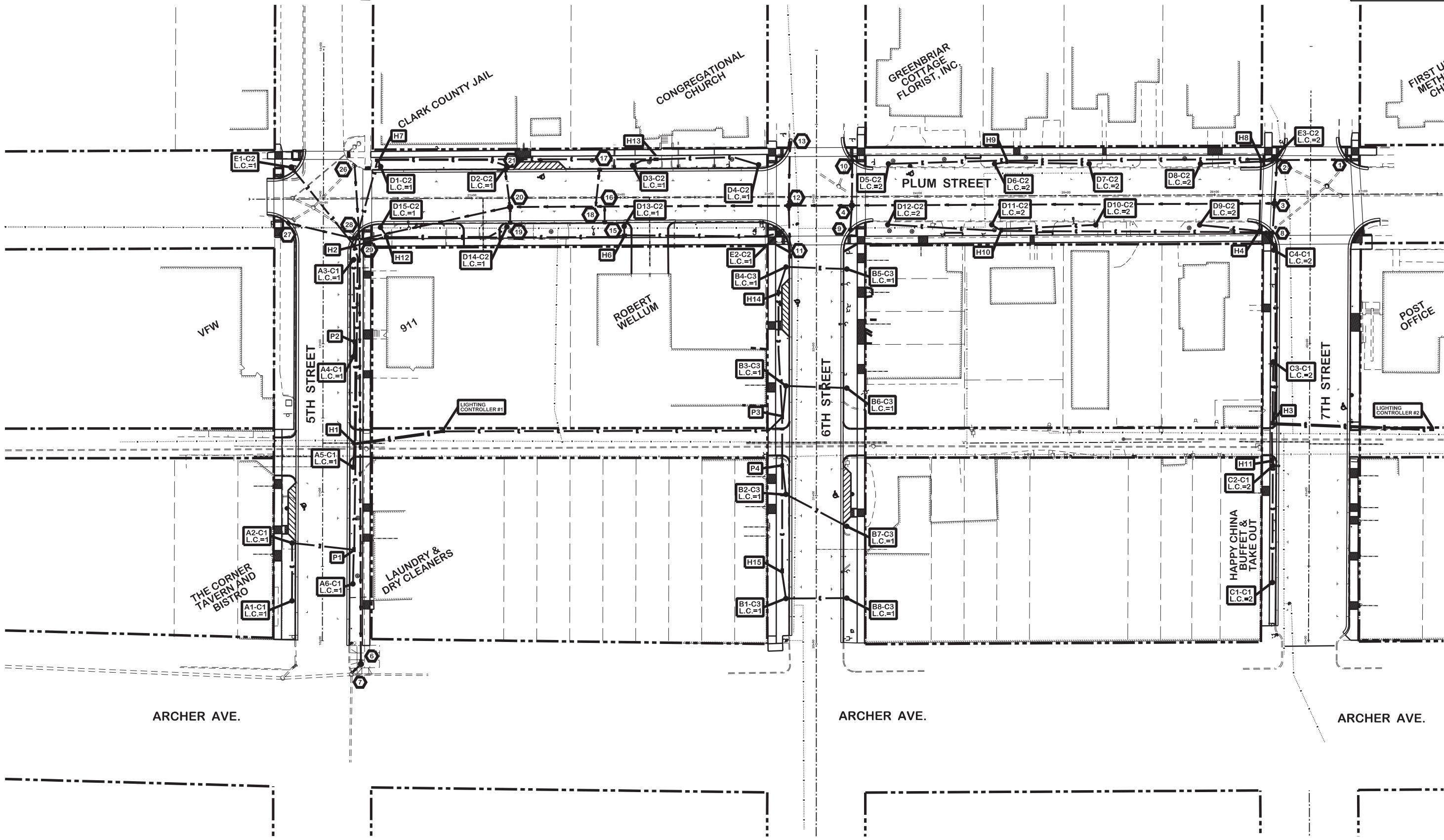
LIGHTS & HANDHOLE INFORMATION  
SEE SHEET #5 FOR ELECTRICAL TABLES  
AND SHEET #21 FOR LIGHT POLE DETAILS

XX

STORM SEWER STRUCTURE NUMBER  
SEE SHEET #5 FOR STORM SEWER TABLES

SCALE: 1" = 30'

CITY OF MARSHALL, CLARK COUNTY  
STREETSCAPE PHASE III  
PROJECT No.: 2EPR (707)  
JOB No.: C-97-017-23  
SECTION: 18-00057-00-SW  
CONTRACT NO.: 95927  
SHEET 6 OF 21



N:\New Projects\11-179 StreetScape Phase III\11-179 General Location map.dgn

**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS  
SERVICE | SOLUTIONS | COMMITMENT™

330 NORTH CENTRAL AVENUE  
PARIS, ILLINOIS 61944  
PH. (217) 465-5306

|                    |          |           |
|--------------------|----------|-----------|
| SCALES             | DRAWN    | DATE      |
| PLAN : HOR. 1"=30' | TLT      | 7/21/2022 |
| REVISD             | CHECKED  | DATE      |
| DATE               | DATE     | DATE      |
| REVISD             | APPROVED | DATE      |
| DATE               | DATE     | DATE      |
| REVISD             | REVISD   | DATE      |
| DATE               | DATE     | DATE      |

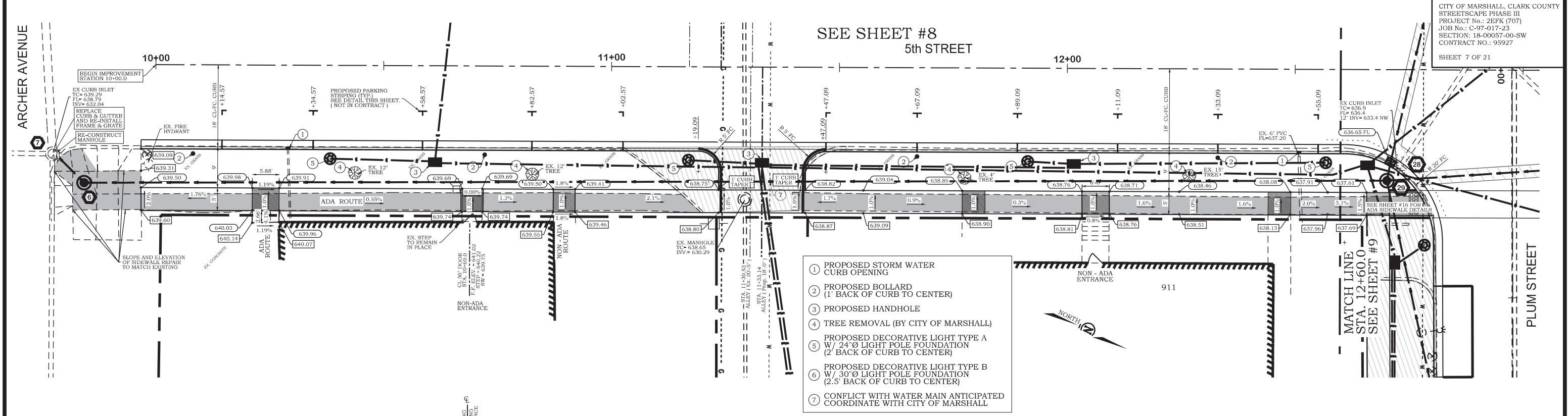
CHASTAIN ENGINEERING  
FILE NO.  
**M-179**  
7667.07

**GENERAL LOCATION MAP**

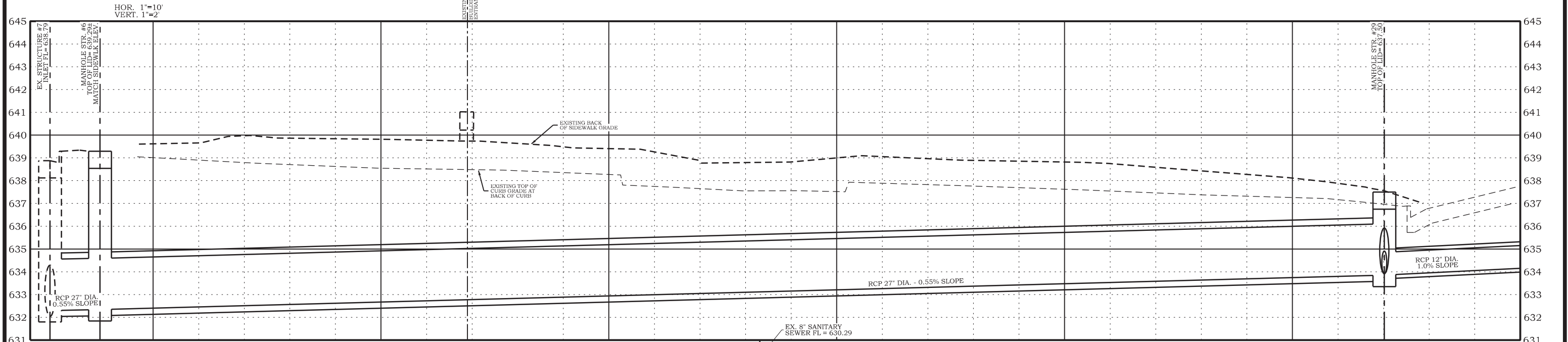
**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO.  
**6**  
OF 21 SHEETS

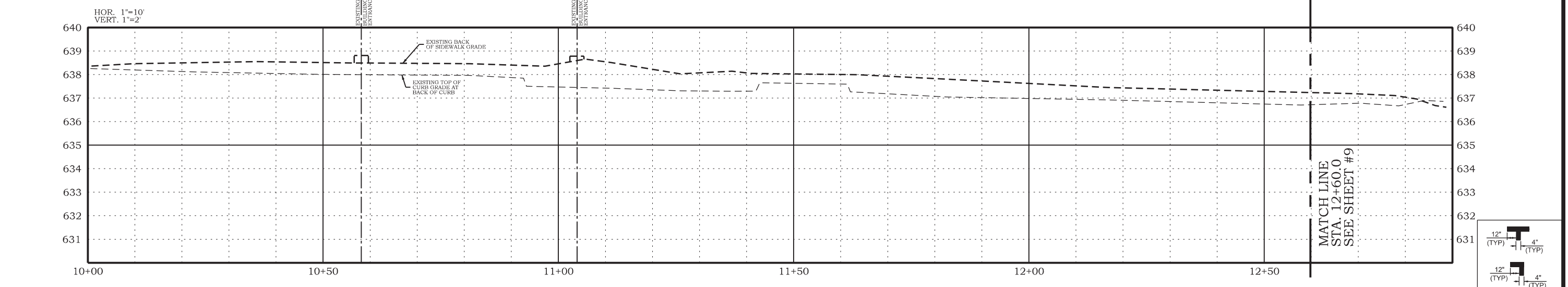
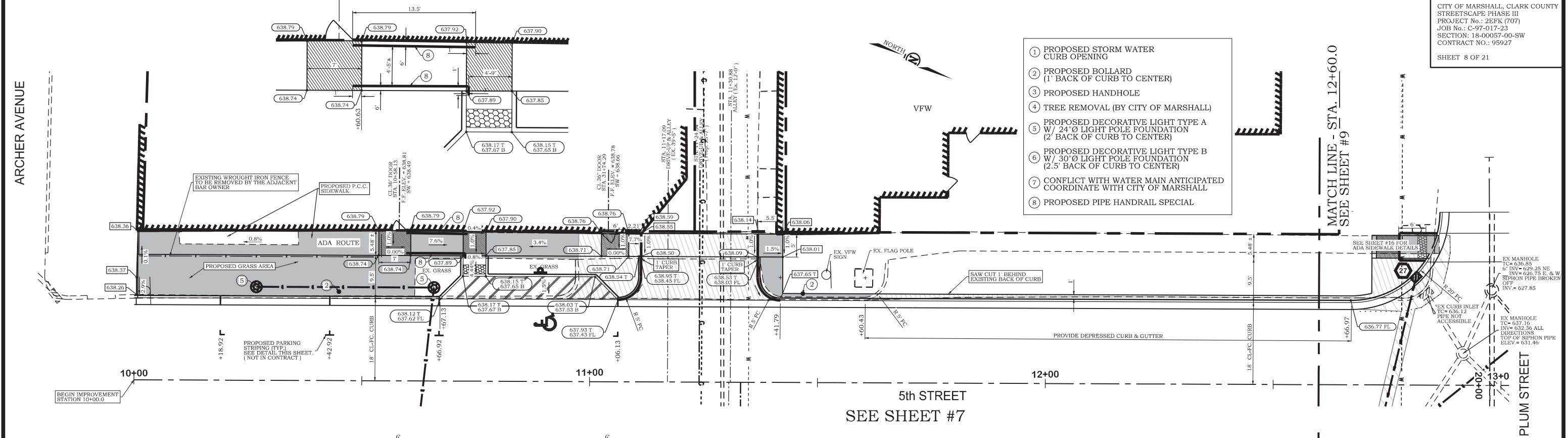
SEE SHEET #8  
 5th STREET



- 1 PROPOSED STORM WATER CURB OPENING
- 2 PROPOSED BOLLARD (1' BACK OF CURB TO CENTER)
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" Ø LIGHT POLE FOUNDATION (2.5' BACK OF CURB TO CENTER)
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

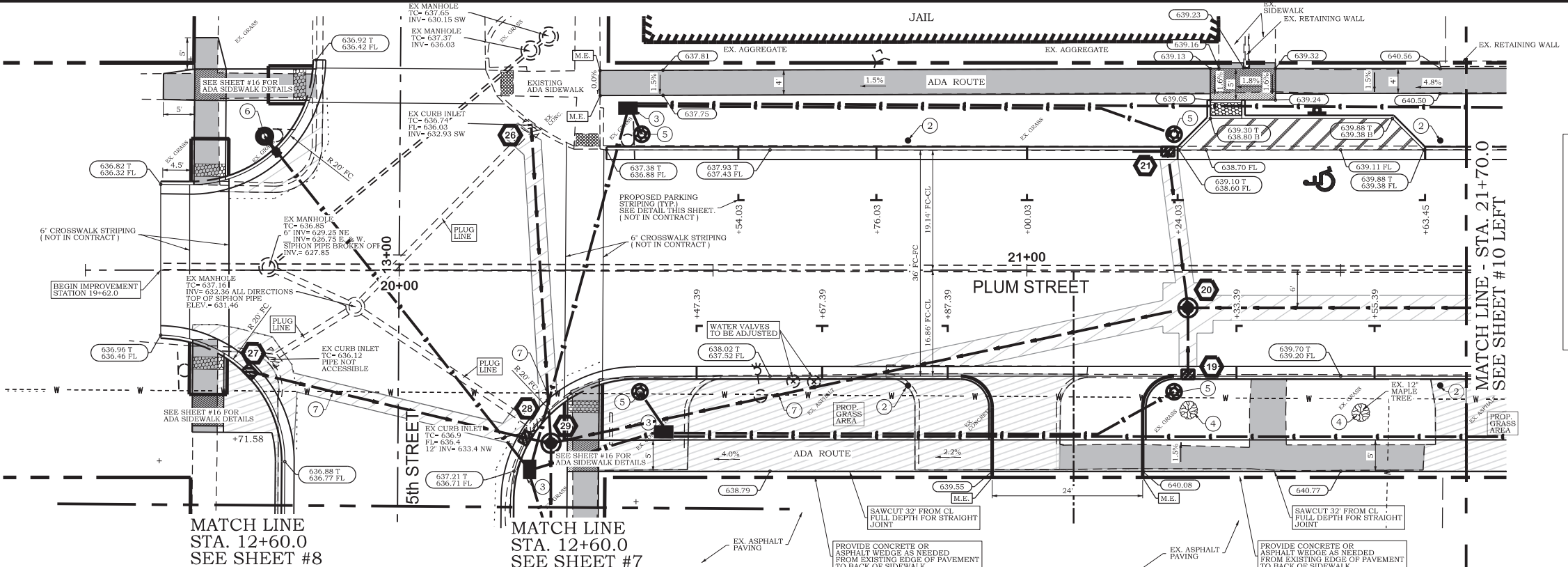


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|--|--|--|--|---|--|---|---|
| <p><b>SIDEWALK REMOVAL</b></p> <p>RT STA. 9+77.8 TO STA. 11+19.7 631.4 SQ. FT.<br/>                 RT STA. 11+39.7 TO STA. 12+60 467.8 SQ. FT.</p> <p>SHEET TOTAL = 1,099.2 SQ. FT.</p> | <p><b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b></p> <p>RT STA. 11+19.09 TO STA. 11+47.09 18.9 SQ. YD.</p> <p>SHEET TOTAL = 18.9 SQ. YD.</p>   | <p><b>COMBINATION CURB &amp; GUTTER REMOVAL</b></p> <p>RT STA. 9+77.8 TO STA. 9+83.8 9.5 FOOT<br/>                 RT STA. 9+96.8 TO STA. 12+60.0 263.2 FOOT</p> <p>SHEET TOTAL = 272.7 FOOT</p>             | <p><b>DECORATIVE LIGHT TYPE A</b></p> <p>20.5' RT STA. 10+38.32 1 EACH<br/>                 20.5' RT STA. 11+16.93 1 EACH<br/>                 20.5' RT STA. 11+91.37 1 EACH<br/>                 20.5' RT STA. 11+56.77 1 EACH</p> <p>SHEET TOTAL = 4 EACH</p>                        | <p><b>STORM WATER CURB OPENING</b></p> <p>18.5' RT STA. 10+29.04 1 EACH<br/>                 18.5' RT STA. 12+50.88 1 EACH</p> <p>SHEET TOTAL = 2 EACH</p>  | <p><b>HANDHOLE</b></p> <p>21' RT STA. 10+61.3 1 EACH<br/>                 21' RT STA. 11+33.1 1 EACH<br/>                 21' RT STA. 12+01.5 1 EACH</p> <p>SHEET TOTAL = 3 EACH</p> | <p><b>BOLLARD</b></p> <p>19.5' RT STA. 10+08.22 1 EACH<br/>                 19.5' RT STA. 10+72.22 1 EACH<br/>                 19.5' RT STA. 11+67.09 1 EACH<br/>                 19.5' RT STA. 12+33.09 1 EACH</p> <p>SHEET TOTAL = 4 EACH</p> | <p><b>TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH</b></p> <p>RT STA. 11+03.0 TO STA. 11+23.6 13.5 SQ. YD.</p> <p>SHEET TOTAL = 13.5 SQ. YD.</p> |
| <p><b>DRIVEWAY PAVEMENT REMOVAL</b></p> <p>RT STA. 11+02.5 TO STA. 11+51.6 49.7 SQ. YD.</p> <p>SHEET TOTAL = 49.7 SQ. YD.</p>  | <p><b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b></p> <p>RT STA. 9+77.8 TO STA. 11+23.6 816.1 SQ. FT.<br/>                 RT STA. 11+42.6 TO STA. 12+60.0 587.1 SQ. FT.</p> <p>SHEET TOTAL = 1,403.2 SQ. FT.</p> | <p><b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b></p> <p>RT STA. 9+77.8 TO STA. 9+83.8 9.5 FOOT<br/>                 RT STA. 9+96.8 TO STA. 12+60.0 263.2 FOOT</p> <p>SHEET TOTAL = 272.7 FOOT</p> | <p><b>LIGHT POLE FOUNDATION, 24" DIAMETER</b></p> <p>20.5' RT STA. 10+38.32 5.7 FOOT<br/>                 20.5' RT STA. 11+16.93 5.7 FOOT<br/>                 20.5' RT STA. 11+91.37 5.7 FOOT<br/>                 20.5' RT STA. 11+56.77 5.7 FOOT</p> <p>SHEET TOTAL = 22.8 FOOT</p> | <p><b>LEGEND</b></p> <p>M.E. MATCH EXISTING<br/>                 XXX.XX EXISTING SPOT ELEV.<br/>                 XXX.XX T EXISTING SPOT ELEV. TO MATCH<br/>                 XXX.XX PROPOSED SPOT ELEV.<br/>                 XXX.XX T PROPOSED TOP OF CURB ELEV.<br/>                 XXX.XX B PROPOSED BOTTOM OF CURB ELEV.<br/>                 XXX.XX FL PROPOSED FLOWLINE OF CURB ELEV.</p> <p><b>GENERAL NOTES</b></p> <p>A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.</p> <p>B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.</p> <p>C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.</p> <p>D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.</p> <p>E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.</p> | <p><b>MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID</b></p> <p>29' RT STA. 11+29.3 1 EACH</p> <p>SHEET TOTAL = 1 EACH</p>   | <p><b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b></p> <p>RT STA. 11+23.6 TO STA. 11+42.6 95 SQ. FT.</p> <p>SHEET TOTAL = 95 SQ. FT.</p>  |   |

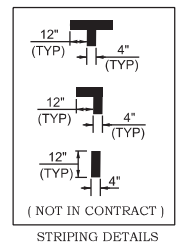


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|--|---|--|---|---|--|---|---|
| <p><b>SIDEWALK REMOVAL</b></p> <p>LT. STA. 10+00.5 TO STA. 10+97 993.9 SQ. FT.<br/>                 LT. STA. 11+36.8 TO STA. 11+62.5 78.9 SQ. FT.<br/>                 SHEET TOTAL = 1,072.8 SQ. FT.</p>                         | <p><b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b></p> <p>LT. STA. 10+66.9 TO STA. 11+06.3 19.1 SQ. YD.<br/>                 LT. STA. 11+06.3 TO STA. 11+41.8 27.6 SQ. YD.<br/>                 LT. STA. 11+60.6 TO STA. 12+60.0 11.0 SQ. YD.<br/>                 SHEET TOTAL = 57.7 SQ. YD.</p> | <p><b>COMBINATION CURB &amp; GUTTER REMOVAL</b></p> <p>LT. STA. 10+00.5 TO STA. 12+60 259.5 FOOT<br/>                 SHEET TOTAL = 259.5 FOOT</p>   | <p><b>DETECTABLE WARNINGS</b></p> <p>LT. STA. 10+72.1 TO STA. 10+77.1 10 SQ. FT.<br/>                 SHEET TOTAL = 10 SQ. FT.</p>                                      | <p><b>BOLLARD</b></p> <p>19.5' LT. STA. 10+44.9 1 EACH<br/>                 19.5' LT. STA. 11+46.7 1 EACH<br/>                 SHEET TOTAL = 2 EACH</p> | <p><b>PIPE HANDRAIL SPECIAL</b></p> <p>28' LT. STA. 10+59.6 TO STA. 10+73.1 13.5 FOOT<br/>                 32.4' LT. STA. 10+59.6 TO STA. 10+73.1 13.5 FOOT<br/>                 SHEET TOTAL = 27.0 FOOT</p> | <p><b>LEGEND</b></p> <p>M.E. MATCH EXISTING<br/>                 XXX.XX EXISTING SPOT ELEV.<br/>                 XXX.XX EXISTING SPOT ELEV. TO MATCH<br/>                 XXX.XX PROPOSED SPOT ELEV.<br/>                 XXX.XX T PROPOSED TOP OF CURB ELEV.<br/>                 XXX.XX B PROPOSED BOTTOM OF CURB ELEV.<br/>                 XXX.XX FL PROPOSED FLOWLINE OF CURB ELEV.<br/>                 XX DRAINAGE STRUCTURE NUMBER SEE SHEET #5<br/>                 5x5 LEVEL LANDING TO BE CONSTRUCTED - 5x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.</p> | <p><b>GENERAL NOTES</b></p> <p>A. PROVIDE 1/2" P.F.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.</p> <p>B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.</p> <p>C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.</p> <p>D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.</p> <p>E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.</p> |
| <p><b>DRIVEWAY PAVEMENT REMOVAL</b></p> <p>LT. STA. 10+92.5 TO STA. 11+41.4 65.4 SQ. YD.<br/>                 LT. STA. 11+60.8 TO STA. 12+60 6.2 SQ. YD.<br/>                 SHEET TOTAL = 71.6 SQ. YD.</p>                     | <p><b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b></p> <p>LT. STA. 10+00.6 TO STA. 10+53.6 276.8 SQ. FT.<br/>                 LT. STA. 10+72.1 TO STA. 11+10.7 224.0 SQ. FT.<br/>                 LT. STA. 11+37.3 TO STA. 11+60.6 84.1 SQ. FT.<br/>                 SHEET TOTAL = 584.9 SQ. FT.</p>        | <p><b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b></p> <p>LT. STA. 10+00.5 TO STA. 12+60 259.5 FOOT<br/>                 SHEET TOTAL = 259.5 FOOT</p>                             | <p><b>DECORATIVE LIGHT TYPE A</b></p> <p>20.5' LT. STA. 10+26.8 1 EACH<br/>                 20.5' LT. STA. 10+65.8 1 EACH<br/>                 SHEET TOTAL = 2 EACH</p> | <p><b>SIGN PANEL - TYPE 1</b></p> <p>LT. STA. 10+89.1 2.0 SQ. FT.<br/>                 TOTAL = 2.0 SQ. FT.</p>  | <p><b>TELESCOPING STEEL SIGN SUPPORT</b></p> <p>LT. STA. 10+89.1 10.0 FOOT<br/>                 TOTAL = 10.0 FOOT</p>  |   |   |
| <p><b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b></p> <p>LT. STA. 10+53.6 TO STA. 10+72.1 99.1 SQ. FT.<br/>                 LT. STA. 11+10.7 TO STA. 11+37.3 134.0 SQ. FT.<br/>                 SHEET TOTAL = 233.1 SQ. FT.</p> | <p><b>TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH</b></p> <p>LT. STA. 10+00.6 TO STA. 10+71.6 61.5 SQ. YD.<br/>                 LT. STA. 10+77.6 TO STA. 11+10.7 10.8 SQ. YD.<br/>                 SHEET TOTAL = 72.3 SQ. YD.</p>   | <p><b>LIGHT POLE FOUNDATION, 24" DIAMETER</b></p> <p>20.5' LT. STA. 10+26.8 5.7 FOOT<br/>                 20.5' LT. STA. 10+65.8 5.7 FOOT<br/>                 SHEET TOTAL = 11.4 FOOT</p> |   |   |  |   |   |





- 1 PROPOSED STORM WATER CURB OPENING
- 2 PROPOSED BOLLARD (1' BACK OF CURB TO CENTER)
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" Ø LIGHT POLE FOUNDATION (2.5' BACK OF CURB TO CENTER)
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

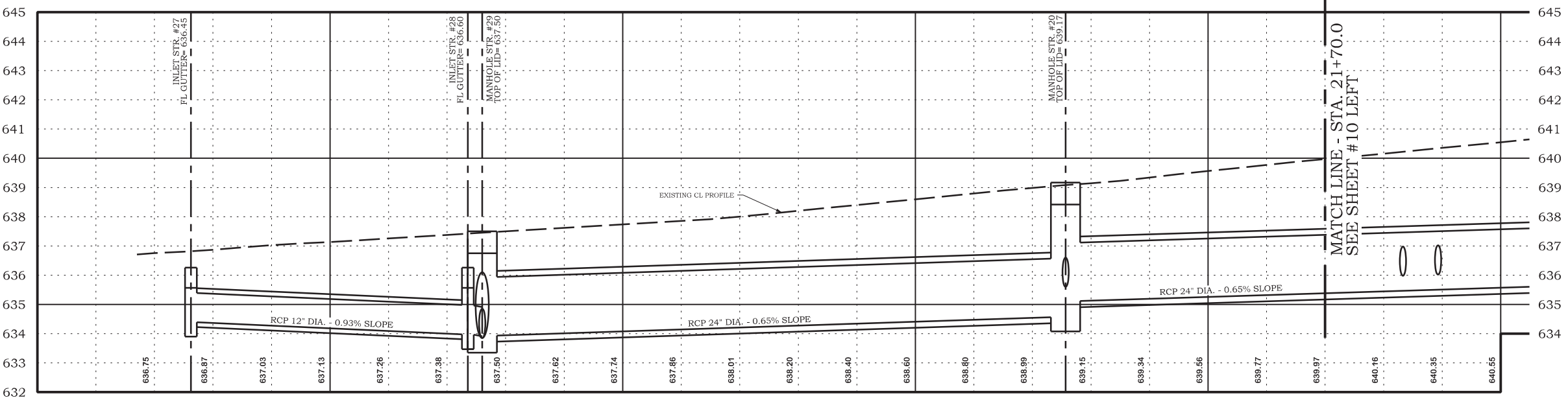


**LEGEND**

M.E. MATCH EXISTING  
 XXX.XX EXISTING SPOT ELEV.  
 XXX.XX EXISTING SPOT ELEV. TO MATCH  
 XXX.XX PROPOSED SPOT ELEV.  
 XXX.XX T PROPOSED TOP OF CURB ELEV.  
 XXX.XX B PROPOSED BOTTOM OF CURB ELEV.  
 XXX.XX FL PROPOSED FLOWLINE OF CURB ELEV.  
 XX DRAINAGE STRUCTURE NUMBER SEE SHEET #5  
 5x5 LEVEL LANDING TO BE CONSTRUCTED - 5x5 DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

**GENERAL NOTES**

A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.  
 B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.  
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 E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.



|   |  |                             |
|---|--|-----------------------------|
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b> | RT. STA. 20+94.5 TO STA. 21+18.5   | 120.0 SQ. FT.               |
| SHEET TOTAL =                                   |  | 120.0 SQ. FT.               |
| <b>CLASS C PATCHES, TYPE II 8"</b>              | LT. STA. 19+71.1 TO LT. STA. 19+87.9<br>LT. STA. 20+21.1 TO RT. STA. 20+23.7 | 7.9 SQ. YD.<br>14.3 SQ. YD. |
| SHEET TOTAL =                                   |  | 22.2 SQ. YD.                |
| <b>CLASS C PATCHES, TYPE III 8"</b>             | RT. STA. 19+67.1 TO STA. 20+23.2   | 21.6 SQ. YD.                |
| SHEET TOTAL =                                   |  | 21.6 SQ. YD.                |
| <b>CLASS C PATCHES, TYPE IV 8"</b>              | LT./RT. STA. 20+72.0 TO STA. 21+70.0   | 51.2 SQ. YD.                |
| SHEET TOTAL =                                   |  | 51.2 SQ. YD.                |

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| <b>SIDEWALK REMOVAL</b>          | RT. STA. 12+60 TO STA. 12+80.5<br>LT. STA. 12+71.5 TO STA. 12+86.4<br>LT. STA. 13+10.9 TO STA. 13+34.4 or<br>LT. STA. 19+62.4 TO STA. 19+86.9<br>LT. STA. 20+32.0 TO STA. 21+70.0<br>RT. STA. 21+05.3 TO STA. 21+63.3 | 80.3 SQ. FT.<br>58.7 SQ. FT.<br>173.9 SQ. FT.<br>543.6 SQ. FT.<br>286.4 SQ. FT. |
| SHEET TOTAL =                    |   | 1,142.9 SQ. FT.   |
| <b>DRIVEWAY PAVEMENT REMOVAL</b> | RT. STA. 19+71.1 TO STA. 19+80.7<br>RT. STA. 20+31.9 TO STA. 21+70  | 13.7 SQ. YD.<br>134.7 SQ. YD.   |
| SHEET TOTAL =                    |   | 148.4 SQ. YD.   |
| <b>REMOVING INLETS</b>           | 14.3' RT. STA. 19+79.6<br>25.3' RT. STA. 20+22.0  | 1 EACH<br>1 EACH  |
| SHEET TOTAL =                    |   | 2 EACH  |

|   |  |   |
|---|--|---|
| <b>DETECTABLE WARNINGS</b>                                | RT. STA. 19+67.1 TO STA. 19+72.1<br>LT. STA. 19+67.3 TO STA. 19+72.3<br>LT. STA. 19+83.1 TO STA. 19+85.1<br>RT. STA. 20+26.8 TO STA. 20+31.8<br>LT. STA. 21+29.2 TO STA. 21+34.2 | 10 SQ. FT.<br>10 SQ. FT.<br>10 SQ. FT.<br>10 SQ. FT.<br>10 SQ. FT.                |
| SHEET TOTAL =   |  | 50 SQ. FT.  |
| <b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b> | LT. STA. 12+60.0 TO STA. 12+71.6<br>RT. STA. 20+89.5 TO STA. 21+23.5<br>LT. STA. 21+24.0 TO STA. 21+63.5   | 1.3 SQ. YD.<br>27.8 SQ. YD.<br>19.1 SQ. YD.                                       |
| SHEET TOTAL =   |  | 48.2 SQ. YD.  |
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>           | RT. STA. 19+65.6 TO STA. 19+80.8<br>LT. STA. 19+62.5 TO STA. 19+86.3<br>LT. STA. 20+32.0 TO STA. 21+70.0<br>RT. STA. 20+26.3 TO STA. 20+94.5<br>RT. STA. 21+18.5 TO STA. 21+70.0 | 137.4 SQ. FT.<br>212.7 SQ. FT.<br>584.3 SQ. FT.<br>413.1 SQ. FT.<br>257.7 SQ. FT. |
| SHEET TOTAL =   |  | 1,605.2 SQ. FT.   |
| <b>LIGHT POLE TO BE REMOVED (BY OTHERS)</b>               | 17.8' RT. STA. 20+57.6   | 1 EACH  |
| SHEET TOTAL =   |  | 1 EACH  |
| <b>TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH</b>          | 65.4 SQ. YD.<br>6.2 SQ. YD.<br>5.4 SQ. YD.   |   |
| SHEET TOTAL =   |  | 77.0 SQ. YD.  |
| <b>HANDHOLE</b>   | 31.7' RT. STA. 20+20.8<br>25.7' RT. STA. 20+42.1<br>25.8' LT. STA. 20+36.5   | 1 EACH<br>1 EACH<br>1 EACH  |
| SHEET TOTAL =   |  | 3 EACH  |

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| <b>COMBINATION CURB &amp; GUTTER REMOVAL</b>             | RT. STA. 19+70.9 TO STA. 19+81.3<br>LT. STA. 19+71.5 TO STA. 19+86.7<br>RT. STA. 20+16.8 TO STA. 21+70.0<br>LT. STA. 20+33.0 TO STA. 21+70.0 | 31.7 FOOT<br>33.0 FOOT<br>165.0 FOOT<br>137.0 FOOT |
| SHEET TOTAL =  |  | 366.7 FOOT   |
| <b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b> | RT. STA. 19+62.0 TO STA. 19+81.8<br>LT. STA. 19+62.0 TO STA. 19+86.8<br>RT. STA. 20+17.7 TO STA. 21+70.0<br>LT. STA. 20+33.0 TO STA. 21+70.0 | 38.3 FOOT<br>36.1 FOOT<br>165.4 FOOT<br>137.0 FOOT |
| SHEET TOTAL =  |  | 376.8 FOOT   |

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| <b>DECORATIVE LIGHT TYPE A</b>             | 19.4' RT. STA. 20+38.4<br>21.6' LT. STA. 20+38.6<br>21.6' LT. STA. 21+23.5<br>19.4' RT. STA. 21+23.5 | 1 EACH<br>1 EACH<br>1 EACH<br>1 EACH         |
| SHEET TOTAL =                              |  | 4 EACH                                       |
| <b>LIGHT POLE FOUNDATION, 24" DIAMETER</b> | 19.4' RT. STA. 20+38.4<br>21.6' LT. STA. 20+38.6<br>21.6' LT. STA. 21+23.5<br>19.4' RT. STA. 21+23.5 | 5.7 FOOT<br>5.7 FOOT<br>5.7 FOOT<br>5.7 FOOT |
| SHEET TOTAL =                              |  | 22.8 FOOT                                    |
| <b>WATER VALVES TO BE ADJUSTED</b>         | 17.7' RT. STA. 20+62.8<br>17.8' RT. STA. 20+66.2   | 1 EACH<br>1 EACH                             |
| SHEET TOTAL =                              |  | 2 EACH                                       |
| <b>DECORATIVE LIGHT TYPE B</b>             | 21.3' LT. STA. 19+78.6   | 1 EACH                                       |
| TOTAL =                                    |  | 1 EACH                                       |
| <b>LIGHT POLE FOUNDATION, 30" DIAMETER</b> | 21.3' LT. STA. 19+78.6   | 5.7 FOOT                                     |
| TOTAL =                                    |  | 5.7 FOOT                                     |

|                                       |  |                                      |
|---------------------------------------|--|--------------------------------------|
| <b>BOLLARD</b>                        | 20.6' LT. STA. 20+81.1<br>18.4' RT. STA. 20+81.1<br>20.6' LT. STA. 21+65.9<br>18.4' RT. STA. 21+65.9 | 1 EACH<br>1 EACH<br>1 EACH<br>1 EACH |
| SHEET TOTAL =                         |  | 4 EACH                               |
| <b>SIGN PANEL - TYPE 1</b>            | LT. STA. 21+46.2   | 2.0 SQ. FT.                          |
| TOTAL =                               |  | 2.0 SQ. FT.                          |
| <b>TELESCOPING STEEL SIGN SUPPORT</b> | LT. STA. 21+46.2   | 10.0 FOOT                            |
| TOTAL =                               |  | 10.0 FOOT                            |

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**CHASTAIN & ASSOCIATES LLC**  
 CONSULTING ENGINEERS  
 SERVICE | SOLUTIONS | COMMITMENT

330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

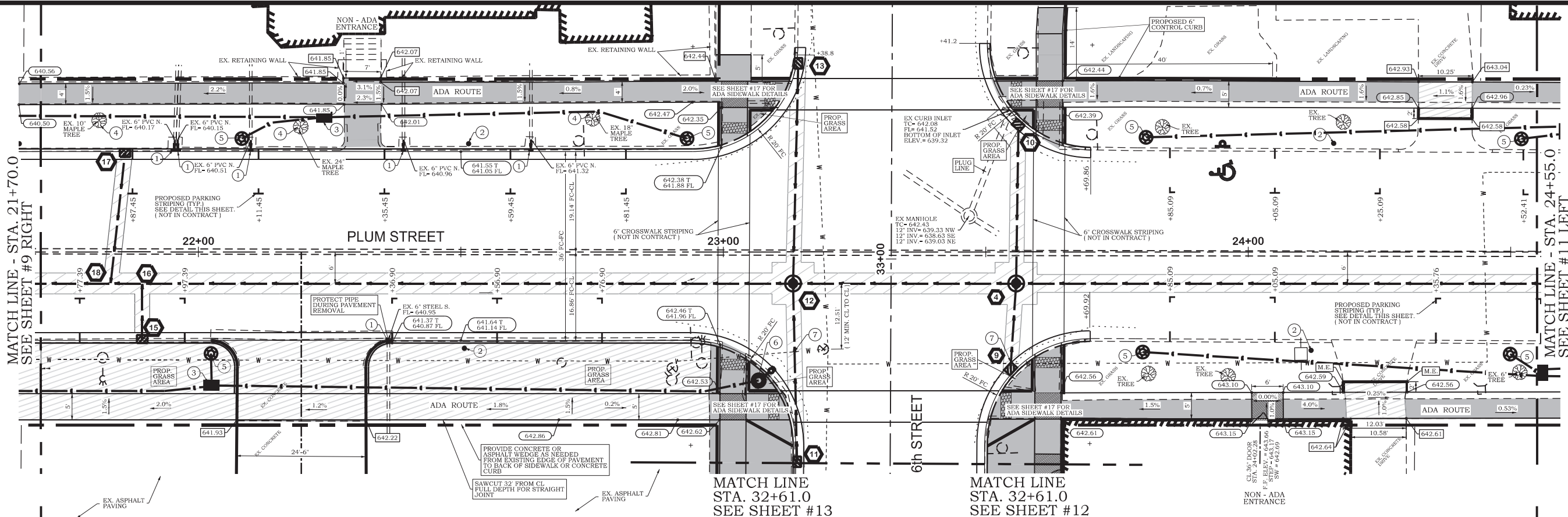
|                 |                                  |
|-----------------|----------------------------------|
| <b>SCALES</b>   | PLAN: HOR. 1"=10'<br>VERT. 1"=2' |
| <b>DRAWN</b>    | TJT<br>DATE: 7/21/2022           |
| <b>CHECKED</b>  | DATE                             |
| <b>APPROVED</b> | CMF<br>DATE: 9/7/2022            |
| <b>REVIS</b>    | DATE                             |
| <b>REVIS</b>    | DATE                             |

CHASTAIN ENGINEERING  
 FILE NO. **M-179**  
 7667.07

**PLAN AND PROFILE - PLUM STREET**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

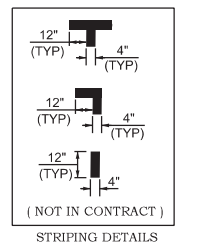
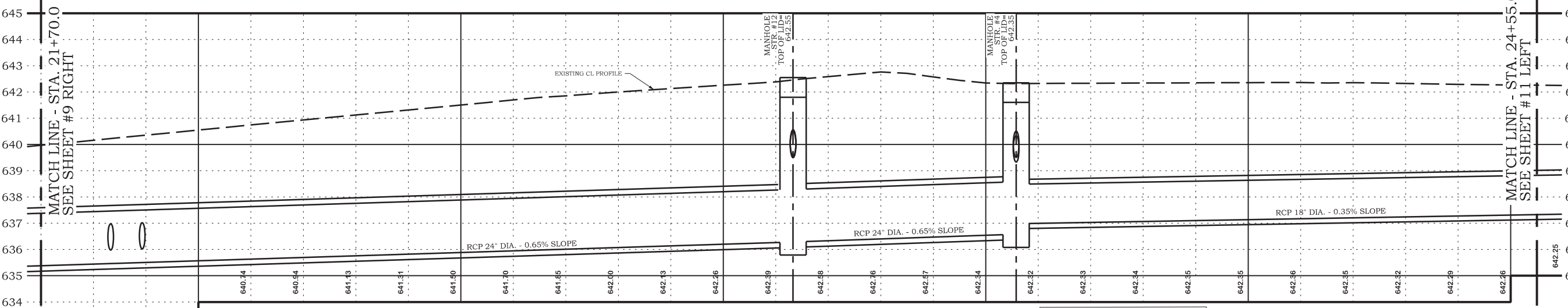
SHEET NO. **9**  
 OF 21 SHEETS



- LEGEND**
- M.E. MATCH EXISTING
  - XXX.XX EXISTING SPOT ELEV.
  - XXX.XX EXISTING SPOT ELEV. TO MATCH
  - XXX.XX T PROPOSED SPOT ELEV.
  - XXX.XX T PROPOSED TOP OF CURB ELEV.
  - XXX.XX B PROPOSED BOTTOM OF CURB ELEV.
  - XXX.XX FL PROPOSED FLOWLINE OF CURB ELEV.
  - DRAINAGE STRUCTURE NUMBER SEE SHEET #5
  - LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

- 1 PROPOSED STORM WATER CURB OPENING
- 2 PROPOSED BOLLARD (1' BACK OF CURB TO CENTER)
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" Ø LIGHT POLE FOUNDATION
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL



|  |                        |          |
|--|------------------------|----------|
| <b>HANDHOLE</b>                            | 25.4' RT. STA. 22+02.5 | 1 EACH   |
|  | 25.7' LT. STA. 22+24.0 | 1 EACH   |
| SHEET TOTAL = 2 EACH                       |                        |          |
| <b>DECORATIVE LIGHT TYPE B</b>             | 24.5' RT. STA. 23+06.7 | 1 EACH   |
| TOTAL = 1 EACH                             |                        |          |
| <b>LIGHT POLE FOUNDATION, 30" DIAMETER</b> | 24.5' RT. STA. 23+06.7 | 5.7 FOOT |
| TOTAL = 5.7 FOOT                           |                        |          |

|   |                                  |               |
|---|----------------------------------|---------------|
| <b>SIDEWALK REMOVAL</b>                         | LT. STA. 21+70.0 TO STA. 23+12.9 | 703.1 SQ. FT. |
|   | RT. STA. 22+97.6 TO STA. 23+12.9 | 291.5 SQ. FT. |
|   | LT. STA. 23+51.0 TO STA. 24+32.4 | 449.7 SQ. FT. |
|   | RT. STA. 23+50.3 TO STA. 24+18.5 | 448.4 SQ. FT. |
|   | RT. STA. 24+29.8 TO STA. 24+55.0 | 94.0 SQ. FT.  |
|   | LT. STA. 24+42.7 TO STA. 24+55.0 | 48.2 SQ. FT.  |
| SHEET TOTAL = 2,034.9 SQ. FT.                   |                                  |               |
| <b>DRIVEWAY PAVEMENT REMOVAL</b>                | RT. STA. 21+70.0 TO STA. 22+97.6 | 213.8 SQ. YD. |
|   | RT. STA. 24+18.5 TO STA. 24+29.8 | 9.0 SQ. YD.   |
|   | LT. STA. 24+32.4 TO STA. 24+42.7 | 8.0 SQ. YD.   |
| SHEET TOTAL = 230.8 SQ. YD.                     |                                  |               |
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b> | RT. STA. 22+07.3 TO STA. 22+31.9 | 122.9 SQ. FT. |
|   | RT. STA. 24+18.1 TO STA. 24+30.3 | 60.9 SQ. FT.  |
|   | LT. STA. 24+32.5 TO STA. 24+42.7 | 51.3 SQ. FT.  |
| SHEET TOTAL = 235.1 SQ. FT.                     |                                  |               |

|   |                                  |               |
|---|----------------------------------|---------------|
| <b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b> | RT. STA. 22+02.4 TO STA. 22+36.9 | 30.2 SQ. YD.  |
|   | RT. STA. 24+18.1 TO STA. 24+30.3 | 2.7 SQ. YD.   |
|   | LT. STA. 24+32.5 TO STA. 24+42.7 | 2.3 SQ. YD.   |
| SHEET TOTAL = 35.2 SQ. YD.                                |                                  |               |
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>           | LT. STA. 21+70.0 TO STA. 23+12.7 | 664.0 SQ. FT. |
|   | RT. STA. 21+70.0 TO STA. 22+07.4 | 186.7 SQ. FT. |
|   | RT. STA. 22+31.9 TO STA. 23+13.3 | 562.9 SQ. FT. |
|   | LT. STA. 23+51.9 TO STA. 24+32.5 | 535.5 SQ. FT. |
|   | RT. STA. 23+50.3 TO STA. 24+18.1 | 501.8 SQ. FT. |
|   | RT. STA. 24+30.3 TO STA. 24+55.0 | 123.6 SQ. FT. |
|   | LT. STA. 24+42.7 TO STA. 24+55.0 | 61.5 SQ. FT.  |
| SHEET TOTAL = 2636.0 SQ. FT.                              |                                  |               |
| <b>REMOVING INLETS</b>                                    | 26.9' LT. STA. 23+54.6           | 1 EACH        |
| SHEET TOTAL = 1 EACH                                      |                                  |               |
| <b>BOLLARD</b>  | 18.4' RT. STA. 22+50.7           | 1 EACH        |
|   | 20.7' LT. STA. 22+51.5           | 1 EACH        |
|   | 18.8' RT. STA. 24+12.0           | 1 EACH        |
|   | 20.7' LT. STA. 24+16.3           | 1 EACH        |
| SHEET TOTAL = 4 EACH                                      |                                  |               |

|  |                                  |              |
|--|----------------------------------|--------------|
| <b>COMBINATION CURB &amp; GUTTER REMOVAL</b>     | LT. STA. 21+70.0 TO STA. 23+14.1 | 153.6 FOOT   |
|  | RT. STA. 21+70.0 TO STA. 23+13.9 | 159.6 FOOT   |
|  | LT. STA. 23+50.3 TO STA. 23+69.9 | 31.7 FOOT    |
|  | RT. STA. 23+49.8 TO STA. 23+69.9 | 35.0 FOOT    |
| SHEET TOTAL = 379.9 FOOT                         |                                  |              |
| <b>DETECTABLE WARNINGS</b>                       | RT. STA. 22+99.4 TO STA. 23+04.4 | 10 SQ. FT.   |
|  | LT. STA. 22+99.6 TO STA. 23+04.6 | 10 SQ. FT.   |
|  | LT. STA. 23+07.9 TO STA. 23+09.9 | 10 SQ. FT.   |
|  | RT. STA. 23+08.6 TO STA. 23+10.6 | 10 SQ. FT.   |
|  | RT. STA. 23+52.9 TO STA. 23+54.9 | 10 SQ. FT.   |
|  | LT. STA. 23+54.8 TO STA. 23+56.8 | 10 SQ. FT.   |
|  | LT. STA. 23+59.6 TO STA. 23+64.6 | 10 SQ. FT.   |
|  | RT. STA. 23+59.4 TO STA. 23+64.4 | 10 SQ. FT.   |
| SHEET TOTAL = 80 SQ. FT.                         |                                  |              |
| <b>TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH</b> | RT. STA. 21+70.0 TO STA. 22+06.9 | 39.0 SQ. YD. |
|  | LT. STA. 22+26.2 TO STA. 22+35.9 | 6.8 SQ. YD.  |
|  | RT. STA. 22+32.4 TO STA. 22+98.9 | 71.1 SQ. YD. |
| SHEET TOTAL = 116.9 SQ. YD.                      |                                  |              |

|  |                        |          |
|--|------------------------|----------|
| <b>DECORATIVE LIGHT TYPE A</b>             | 19.4' RT. STA. 22+02.4 | 1 EACH   |
|  | 21.6' LT. STA. 22+08.3 | 1 EACH   |
|  | 21.6' LT. STA. 22+93.1 | 1 EACH   |
|  | 19.1' RT. STA. 23+79.9 | 1 EACH   |
|  | 21.9' LT. STA. 23+80.5 | 1 EACH   |
|  | 19.5' RT. STA. 24+49.9 | 1 EACH   |
|  | 21.6' LT. STA. 24+52.0 | 1 EACH   |
| SHEET TOTAL = 7 EACH                       |                        |          |
| <b>LIGHT POLE FOUNDATION, 24" DIAMETER</b> | 19.4' RT. STA. 22+02.4 | 5.7 FOOT |
|  | 21.6' LT. STA. 22+08.3 | 5.7 FOOT |
|  | 21.6' LT. STA. 22+93.1 | 5.7 FOOT |
|  | 19.1' RT. STA. 23+79.9 | 5.7 FOOT |
|  | 21.9' LT. STA. 23+80.5 | 5.7 FOOT |
|  | 19.5' RT. STA. 24+49.9 | 5.7 FOOT |
|  | 21.6' LT. STA. 24+52.0 | 5.7 FOOT |
| SHEET TOTAL = 39.9 FOOT                    |                        |          |

|  |                                      |               |
|--|--------------------------------------|---------------|
| <b>CLASS C PATCHES, TYPE IV 8"</b>                       | LT./RT. STA. 21+70.0 TO STA. 24+55.0 | 166.9 SQ. YD. |
| SHEET TOTAL = 166.9 SQ. YD.                              |                                      |               |
| <b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b> | LT. STA. 21+70.0 TO STA. 23+14.2     | 155.5 FOOT    |
|  | RT. STA. 21+70.0 TO STA. 23+13.8     | 158.6 FOOT    |
|  | LT. STA. 23+51.9 TO STA. 23+70.0     | 31.6 FOOT     |
|  | RT. STA. 23+50.3 TO STA. 23+69.9     | 35.7 FOOT     |
| SHEET TOTAL = 381.4 FOOT                                 |                                      |               |
| <b>LIGHT POLE TO BE REMOVED ( BY OTHERS )</b>            | 20.3' RT. STA. 21+81.7               | 1 EACH        |
|  | 17.4' RT. STA. 22+36.2               | 1 EACH        |
|  | 21.2' RT. STA. 22+95.9               | 1 EACH        |
| SHEET TOTAL = 2 EACH                                     |                                      |               |

|                                       |                        |             |
|---------------------------------------|------------------------|-------------|
| <b>SIGN PANEL - TYPE 1</b>            | LT. STA. 23+95.1       | 2.0 SQ. FT. |
| TOTAL = 2.0 SQ. FT.                   |                        |             |
| <b>TELESCOPING STEEL SIGN SUPPORT</b> | LT. STA. 23+95.1       | 10.0 FOOT   |
| TOTAL = 10.0 FOOT                     |                        |             |
| <b>STORM WATER CURB OPENING</b>       | 19.6' LT. STA. 21+95.4 | 1 EACH      |
|                                       | 19.6' LT. STA. 21+96.1 | 1 EACH      |
|                                       | 19.6' LT. STA. 22+10.0 | 1 EACH      |
|                                       | 17.4' RT. STA. 22+36.2 | 1 EACH      |
|                                       | 19.6' LT. STA. 22+39.0 | 1 EACH      |
|                                       | 19.6' LT. STA. 22+63.3 | 1 EACH      |
| SHEET TOTAL = 6 EACH                  |                        |             |

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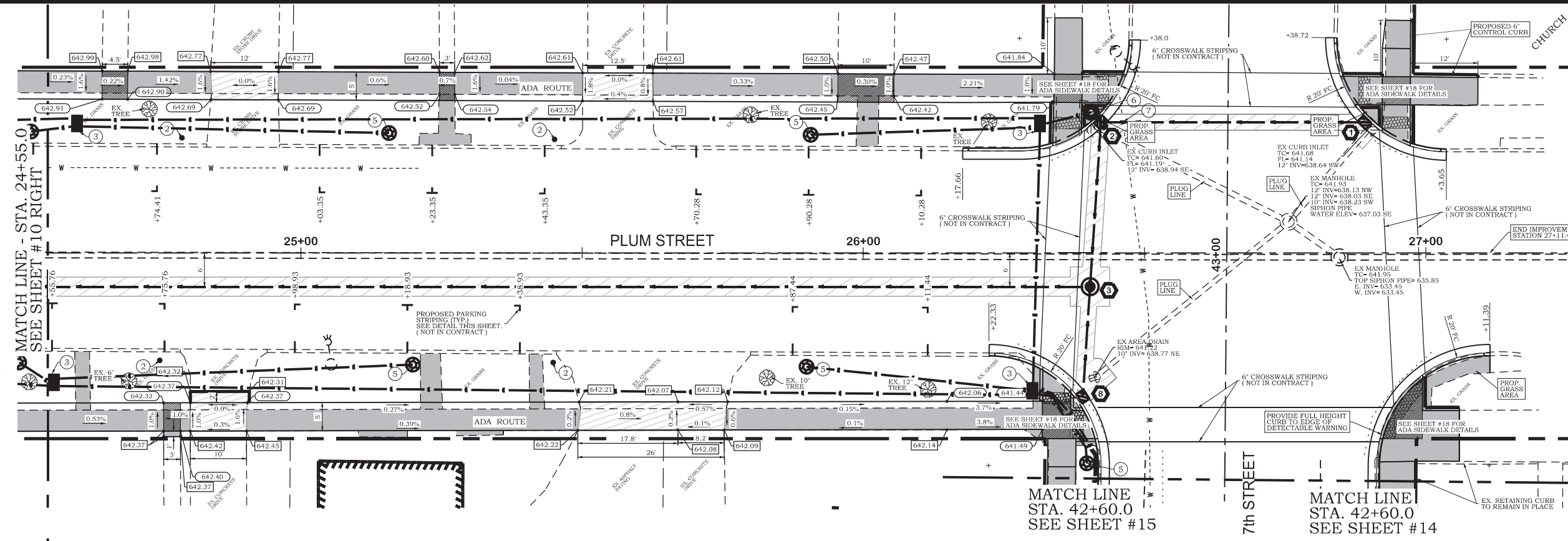
|                  |                 |               |
|------------------|-----------------|---------------|
| <b>SCALES</b>    | HOR. 1"=10'     | VERT. 1"=2'   |
| <b>PLAN</b>      | DATE: 7/21/2022 | CHECKED: CMF  |
| <b>REVISIONS</b> | DATE: 9/7/2022  | APPROVED: CMF |
| REVISION DATE    | REVISION DATE   | REVISION DATE |

**CHASTAIN ENGINEERING**  
FILE NO. **M-179**  
**7667.07**

**PLAN AND PROFILE - PLUM STREET**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

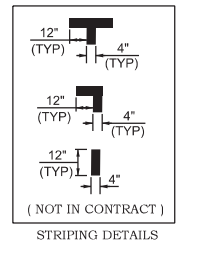
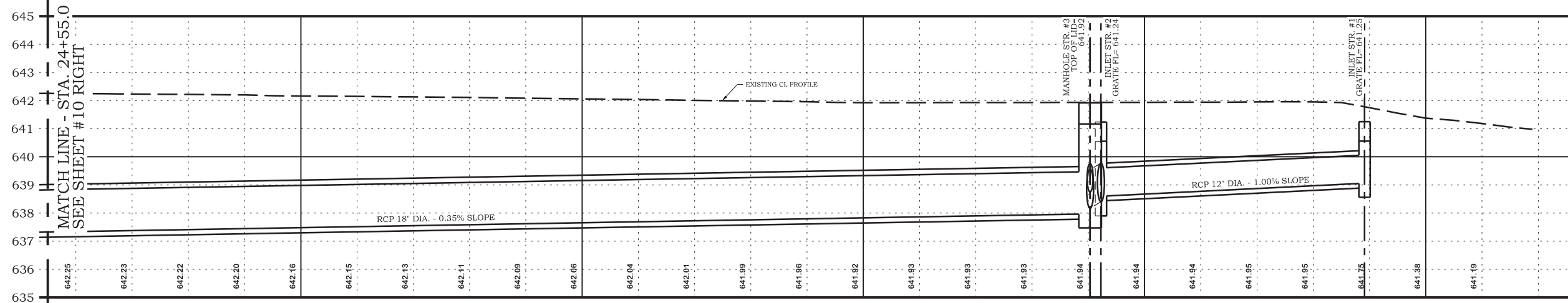
SHEET NO. **10**  
OF 21 SHEETS



- 1 PROPOSED STORM WATER CURB OPENING
- 2 PROPOSED BOLLARD (1' BACK OF CURB TO CENTER)
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" Ø LIGHT POLE FOUNDATION
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

**LEGEND**

M.E. MATCH EXISTING  
 XXX.XX EXISTING SPOT ELEV.  
 XXX.XX EXISTING SPOT ELEV. TO MATCH  
 XXX.XX PROPOSED SPOT ELEV.  
 XXX.XX T PROPOSED TOP OF CURB ELEV.  
 XXX.XX B PROPOSED BOTTOM OF CURB ELEV.  
 XXX.XX FL PROPOSED FLOWLINE OF CURB ELEV.  
 XX DRAINAGE STRUCTURE NUMBER SEE SHEET #5  
 LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.



- GENERAL NOTES**
- A. PROVIDE 1/2" P.I.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

**SIDEWALK REMOVAL**

|                                  |                       |
|----------------------------------|-----------------------|
| LT. STA. 24+55.0 TO STA. 24+84   | 113.8 SQ. FT.         |
| LT. STA. 24+96.0 TO STA. 25+50.1 | 250.9 SQ. FT.         |
| LT. STA. 25+62.5 TO STA. 26+46.7 | 470.1 SQ. FT.         |
| LT. STA. 26+85.0 TO STA. 27+09.3 | 195.7 SQ. FT.         |
| RT. STA. 24+55.0 TO STA. 24+80.3 | 126.0 SQ. FT.         |
| RT. STA. 24+90.3 TO STA. 25+49.3 | 304.5 SQ. FT.         |
| RT. STA. 25+75.6 TO STA. 26+41.2 | 342.1 SQ. FT.         |
| RT. STA. 26+91.5 TO STA. 27+11.4 | 204.1 SQ. FT.         |
| <b>SHEET TOTAL =</b>             | <b>2007.2 SQ. FT.</b> |

**PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH**

|                                  |                        |
|----------------------------------|------------------------|
| LT. STA. 24+55.0 TO STA. 24+84.0 | 144.8 SQ. FT.          |
| RT. STA. 24+55.0 TO STA. 24+80.4 | 129.7 SQ. FT.          |
| LT. STA. 24+96.0 TO STA. 25+49.3 | 293.6 SQ. FT.          |
| LT. STA. 24+96.0 TO STA. 25+50.1 | 270.5 SQ. FT.          |
| LT. STA. 25+62.6 TO STA. 26+46.4 | 503.8 SQ. FT.          |
| RT. STA. 25+75.9 TO STA. 26+41.3 | 392.5 SQ. FT.          |
| LT. STA. 26+85.2 TO STA. 27+09.3 | 211.7 SQ. FT.          |
| RT. STA. 26+91.8 TO STA. 27+06.0 | 163.9 SQ. FT.          |
| <b>SHEET TOTAL =</b>             | <b>2,110.5 SQ. FT.</b> |

**COMBINATION CURB & GUTTER REMOVAL**

|                                  |                   |
|----------------------------------|-------------------|
| LT. STA. 26+17.7 TO STA. 26+47.8 | 41.2 FOOT         |
| RT. STA. 26+22.3 TO STA. 26+47.8 | 33.7 FOOT         |
| LT. STA. 26+83.7 TO STA. 27+03.6 | 31.6 FOOT         |
| RT. STA. 26+91.3 TO STA. 27+11.4 | 34.2 FOOT         |
| <b>SHEET TOTAL =</b>             | <b>140.7 FOOT</b> |

**CLASS C PATCHES, TYPE IV 8"**

|                                      |                      |
|--------------------------------------|----------------------|
| LT./RT. STA. 24+55.0 TO STA. 26+89.5 | 104.2 SQ. YD.        |
| <b>SHEET TOTAL =</b>                 | <b>104.2 SQ. YD.</b> |

**DECORATIVE LIGHT TYPE A**

|                        |               |
|------------------------|---------------|
| 21.3' LT. STA. 25+15.7 | 1 EACH        |
| 19.8' RT. STA. 25+19.9 | 1 EACH        |
| 20.2' RT. STA. 25+89.9 | 1 EACH        |
| 21.0' LT. STA. 25+90.6 | 1 EACH        |
| 24.5' LT. STA. 42+62.7 | 1 EACH        |
| <b>SHEET TOTAL =</b>   | <b>5 EACH</b> |

**DECORATIVE LIGHT TYPE B**

|                      |               |
|----------------------|---------------|
| 25' LT. STA. 26+40.0 | 1 EACH        |
| <b>TOTAL =</b>       | <b>1 EACH</b> |

**DRIVEWAY PAVEMENT REMOVAL**

|                                  |                     |
|----------------------------------|---------------------|
| LT. STA. 24+84.0 TO STA. 24+96.0 | 6.6 SQ. YD.         |
| LT. STA. 25+50.1 TO STA. 25+62.5 | 6.9 SQ. YD.         |
| RT. STA. 24+80.3 TO STA. 24+90.3 | 7.9 SQ. YD.         |
| RT. STA. 25+49.3 TO STA. 25+75.6 | 14.6 SQ. YD.        |
| <b>SHEET TOTAL =</b>             | <b>36.0 SQ. YD.</b> |

**PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH**

|                                  |                      |
|----------------------------------|----------------------|
| LT. STA. 24+84.0 TO STA. 24+96.0 | 60.2 SQ. FT.         |
| RT. STA. 24+80.4 TO STA. 24+90.5 | 50.9 SQ. FT.         |
| LT. STA. 25+50.1 TO STA. 25+62.6 | 62.7 SQ. FT.         |
| RT. STA. 25+49.3 TO STA. 25+75.9 | 133.2 SQ. FT.        |
| <b>SHEET TOTAL =</b>             | <b>307.0 SQ. FT.</b> |

**COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18**

|                                  |                   |
|----------------------------------|-------------------|
| LT. STA. 26+17.7 TO STA. 26+47.8 | 41.2 FOOT         |
| RT. STA. 26+22.3 TO STA. 26+47.8 | 33.7 FOOT         |
| LT. STA. 26+83.7 TO STA. 27+03.6 | 31.6 FOOT         |
| RT. STA. 26+91.3 TO STA. 27+11.4 | 34.2 FOOT         |
| <b>SHEET TOTAL =</b>             | <b>140.7 FOOT</b> |

**REMOVING INLETS**

|                        |               |
|------------------------|---------------|
| 22.8' LT. STA. 26+40.6 | 1 EACH        |
| 22.4' RT. STA. 26+41.1 | 1 EACH        |
| 22.9' LT. STA. 26+90.6 | 1 EACH        |
| <b>SHEET TOTAL =</b>   | <b>3 EACH</b> |

**BOLLARD**

|                         |               |
|-------------------------|---------------|
| 20.45' LT. STA. 24+78.9 | 1 EACH        |
| 19.1' RT. STA. 24+74.9  | 1 EACH        |
| 20.18' LT. STA. 25+45.1 | 1 EACH        |
| 19.5' RT. STA. 25+44.9  | 1 EACH        |
| <b>SHEET TOTAL =</b>    | <b>4 EACH</b> |

**LIGHT POLE FOUNDATION, 24" DIAMETER**

|                        |                  |
|------------------------|------------------|
| 21.3' LT. STA. 25+15.7 | 5.7 FOOT         |
| 19.8' RT. STA. 25+19.9 | 5.7 FOOT         |
| 20.2' RT. STA. 25+89.9 | 5.7 FOOT         |
| 21.0' LT. STA. 25+90.6 | 5.7 FOOT         |
| 24.5' LT. STA. 42+62.7 | 5.7 FOOT         |
| <b>SHEET TOTAL =</b>   | <b>28.5 FOOT</b> |

**LIGHT POLE FOUNDATION, 30" DIAMETER**

|                      |                 |
|----------------------|-----------------|
| 25' LT. STA. 26+40.0 | 5.7 FOOT        |
| <b>TOTAL =</b>       | <b>5.7 FOOT</b> |

**LIGHT POLE TO BE REMOVED ( BY OTHERS )**

|                        |               |
|------------------------|---------------|
| 19.8' RT. STA. 25+05.3 | 1 EACH        |
| 35.7' LT. STA. 26+45.0 | 1 EACH        |
| <b>SHEET TOTAL =</b>   | <b>2 EACH</b> |

**HANDHOLE**

|                        |               |
|------------------------|---------------|
| 23.0' RT. STA. 24+56.1 | 1 EACH        |
| 23.0' LT. STA. 24+60.2 | 1 EACH        |
| 24.5' RT. STA. 26+30.0 | 1 EACH        |
| 23.0' LT. STA. 26+31.4 | 1 EACH        |
| <b>SHEET TOTAL =</b>   | <b>4 EACH</b> |

**DETECTABLE WARNINGS**

|                                  |                     |
|----------------------------------|---------------------|
| RT. STA. 26+31.9 TO STA. 26+36.9 | 10 SQ. FT.          |
| LT. STA. 26+33.8 TO STA. 26+38.8 | 10 SQ. FT.          |
| RT. STA. 26+37.8 TO STA. 26+39.8 | 10 SQ. FT.          |
| LT. STA. 26+41.6 TO STA. 26+43.6 | 10 SQ. FT.          |
| LT. STA. 26+88.0 TO STA. 26+90.0 | 10 SQ. FT.          |
| LT. STA. 26+92.3 TO STA. 26+97.3 | 10 SQ. FT.          |
| RT. STA. 26+92.4 TO STA. 26+99.4 | 22.7 SQ. FT.        |
| <b>SHEET TOTAL =</b>             | <b>82.7 SQ. FT.</b> |

**TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH**

|                                  |                     |
|----------------------------------|---------------------|
| RT. STA. 24+59.8 TO STA. 24+62.4 | 2.7 SQ. YD.         |
| LT. STA. 25+21.0 TO STA. 25+30.3 | 4.0 SQ. YD.         |
| RT. STA. 25+21.3 TO STA. 25+24.8 | 3.6 SQ. YD.         |
| RT. STA. 25+40.6 TO STA. 25+43.0 | 2.4 SQ. YD.         |
| LT. STA. 25+98.7 TO STA. 26+02.6 | 3.4 SQ. YD.         |
| RT. STA. 26+28.0 TO STA. 26+31.4 | 1.1 SQ. YD.         |
| LT. STA. 26+39.3 TO STA. 26+43.2 | 0.9 SQ. YD.         |
| LT. STA. 26+88.4 TO STA. 26+91.8 | 0.8 SQ. YD.         |
| RT. STA. 26+99.9 TO STA. 27+11.4 | 4.3 SQ. YD.         |
| <b>SHEET TOTAL =</b>             | <b>23.2 SQ. YD.</b> |

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**CHASTAIN & ASSOCIATES LLC**  
 CONSULTING ENGINEERS  
 SERVICE | SOLUTIONS | COMMITMENT

330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

**SCALES**

PLAN : HOR. 1"=10'  
 VERT. 1"=2'

**DRAWN** TLT  
 DATE 7/27/2022

**CHECKED** [Signature]  
 DATE [Date]

**APPROVED** CME  
 DATE 9/7/2022

**REVISED** [None]  
 DATE [None]

**CHASTAIN ENGINEERING**  
 FILE NO. M-179  
 7667.07

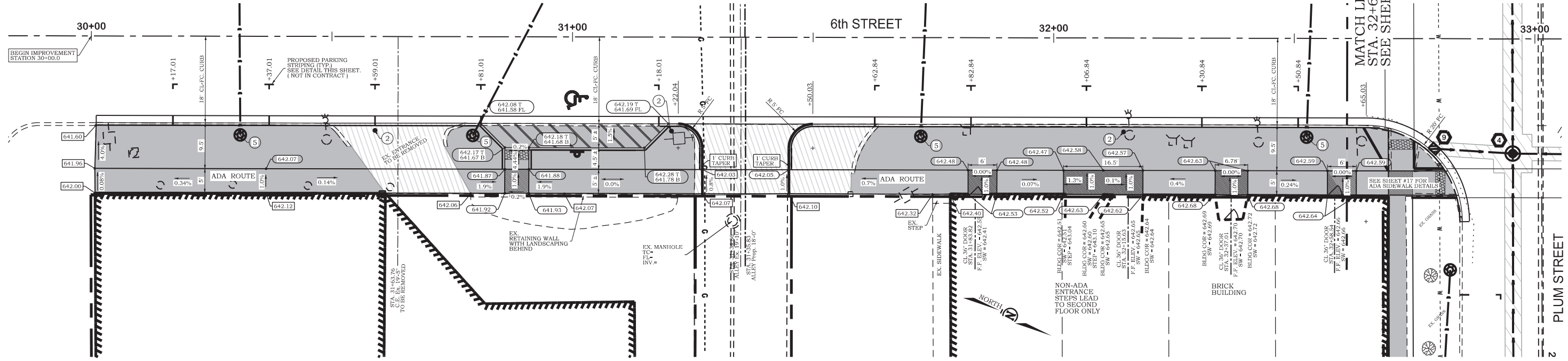
**PLAN AND PROFILE - PLUM STREET**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

**SHEET NO. 11 OF 21 SHEETS**

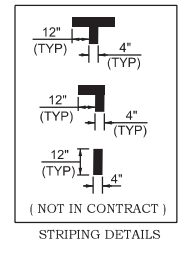
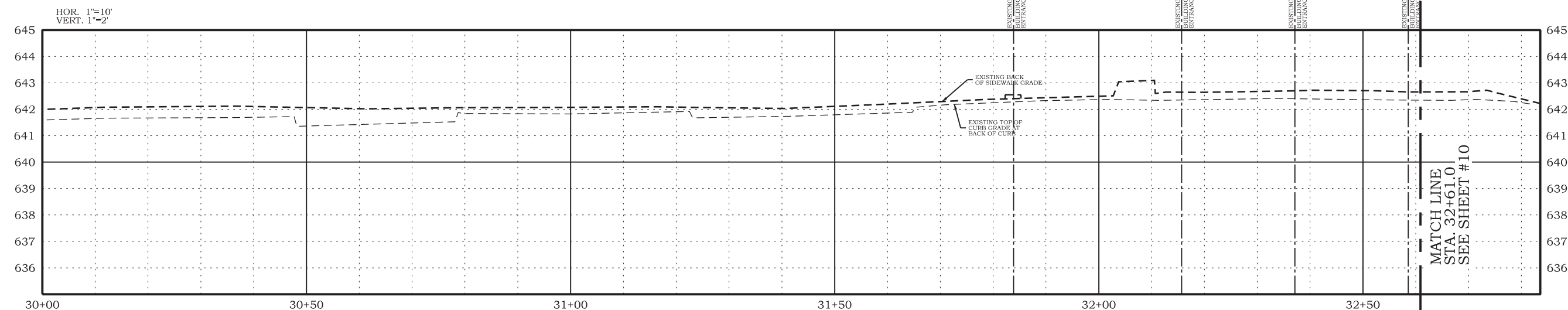
ARCHER AVENUE

SEE SHEET #13



MATCH LINE  
 STA. 32+61.0  
 SEE SHEET #10

PLUM STREET



|                                  |                        |
|----------------------------------|------------------------|
| <b>SIDEWALK REMOVAL</b>          |                        |
| RT. STA. 30+01.0 TO STA. 30+61.2 | 775.7 SQ. FT.          |
| RT. STA. 30+73.5 TO STA. 31+25.4 | 700.6 SQ. FT.          |
| RT. STA. 31+28.0 TO STA. 32+61.0 | 1,427.0 SQ. FT.        |
| <b>SHEET TOTAL =</b>             | <b>2,903.3 SQ. FT.</b> |

|                                  |                     |
|----------------------------------|---------------------|
| <b>DRIVEWAY PAVEMENT REMOVAL</b> |                     |
| RT. STA. 30+47.8 TO STA. 30+78.9 | 33.1 SQ. YD.        |
| RT. STA. 31+21.8 TO STA. 31+63.6 | 56.1 SQ. YD.        |
| <b>SHEET TOTAL =</b>             | <b>89.2 SQ. YD.</b> |

|                            |                    |
|----------------------------|--------------------|
| <b>SIGN PANEL - TYPE 1</b> |                    |
| RT. STA. 31+01             | 2.0 SQ. FT.        |
| <b>TOTAL=</b>              | <b>2.0 SQ. FT.</b> |

|                        |               |
|------------------------|---------------|
| <b>BOLLARD</b>         |               |
| 19.5' RT. STA. 30+59.0 | 1 EACH        |
| 19.5' RT. STA. 31+20.0 | 1 EACH        |
| 19.5' RT. STA. 32+14.6 | 1 EACH        |
| <b>SHEET TOTAL =</b>   | <b>3 EACH</b> |

|   |                     |
|---|---------------------|
| <b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b> |                     |
| RT. STA. 30+80.8 TO STA. 31+20.2                          | 19.1 SQ. YD.        |
| RT. STA. 31+22.0 TO STA. 31+50.0                          | 20.0 SQ. YD.        |
| <b>SHEET TOTAL =</b>                                      | <b>39.1 SQ. YD.</b> |

|   |                        |
|---|------------------------|
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b> |                        |
| RT. STA. 30+01.0 TO STA. 31+26.5                | 1,583.0 SQ. FT.        |
| RT. STA. 31+45.5 TO STA. 32+61.0                | 1,612.6 SQ. FT.        |
| <b>SHEET TOTAL =</b>                            | <b>3,195.6 SQ. FT.</b> |

|   |                   |
|---|-------------------|
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b> |                   |
| RT. STA. 31+26.5 TO STA. 31+45.5                | 95 SQ. FT.        |
| <b>SHEET TOTAL =</b>                            | <b>95 SQ. FT.</b> |

|  |                   |
|--|-------------------|
| <b>COMBINATION CURB &amp; GUTTER REMOVAL</b> |                   |
| RT. STA. 30+01.0 TO STA. 32+61.0             | 260.0 FOOT        |
| <b>SHEET TOTAL =</b>                         | <b>260.0 FOOT</b> |

|  |                 |
|--|-----------------|
| <b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b> |                 |
| RT. STA. 30+01.0 TO STA. 32+61.0                         | 260 FOOT        |
| <b>SHEET TOTAL =</b>                                     | <b>260 FOOT</b> |

|   |               |
|---|---------------|
| <b>LIGHT POLE TO BE REMOVED ( BY OTHERS )</b> |               |
| 21.3' RT. STA. 30+48.9                        | 1 EACH        |
| 21.4' RT. STA. 32+42.5                        | 1 EACH        |
| <b>SHEET TOTAL =</b>                          | <b>2 EACH</b> |

|                                |                   |
|--------------------------------|-------------------|
| <b>DETECTABLE WARNINGS</b>     |                   |
| RT. STA. 30+86.0 TO STA. 30+91 | 10 SQ. FT.        |
| <b>SHEET TOTAL =</b>           | <b>10 SQ. FT.</b> |

|                                |               |
|--------------------------------|---------------|
| <b>DECORATIVE LIGHT TYPE A</b> |               |
| 20.5' RT. STA. 30+31.0         | 1 EACH        |
| 20.5' RT. STA. 30+79.3         | 1 EACH        |
| 20.5' RT. STA. 31+72.4         | 1 EACH        |
| 20.5' RT. STA. 32+52.6         | 1 EACH        |
| <b>SHEET TOTAL =</b>           | <b>4 EACH</b> |

|  |                  |
|--|------------------|
| <b>LIGHT POLE FOUNDATION, 24" DIAMETER</b> |                  |
| 20.5' RT. STA. 30+31.0                     | 5.7 FOOT         |
| 20.5' RT. STA. 30+79.3                     | 5.7 FOOT         |
| 20.5' RT. STA. 31+72.4                     | 5.7 FOOT         |
| 20.5' RT. STA. 32+52.6                     | 5.7 FOOT         |
| <b>SHEET TOTAL =</b>                       | <b>22.8 FOOT</b> |

|                                       |                  |
|---------------------------------------|------------------|
| <b>TELESCOPING STEEL SIGN SUPPORT</b> |                  |
| RT. STA. 31+01                        | 10.0 FOOT        |
| <b>TOTAL=</b>                         | <b>10.0 FOOT</b> |

- 1 PROPOSED STORM WATER CURB OPENING
- 2 PROPOSED BOLLARD (1' BACK OF CURB TO CENTER)
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" LIGHT POLE FOUNDATION (2.5' BACK OF CURB TO CENTER)
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

|               |   |
|---------------|---|
| <b>LEGEND</b> |   |
| M.E.          | MATCH EXISTING  |
| xxx.xx        | EXISTING SPOT ELEV.   |
| xxx.xx        | EXISTING SPOT ELEV. TO MATCH  |
| xxx.xx        | PROPOSED SPOT ELEV.   |
| xxx.xx T      | PROPOSED TOP OF CURB ELEV.  |
| xxx.xx B      | PROPOSED BOTTOM OF CURB ELEV.   |
| xxx.xx FL     | PROPOSED FLOWLINE OF CURB ELEV.   |
| xx            | DRAINAGE STRUCTURE NUMBER SEE SHEET #5  |
| 5             | LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED. |

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

N:\New Projects\M-179 StreetScape Phase III\Plan Sheets.dgn

**CHASTAIN & ASSOCIATES LLC**  
 CONSULTING ENGINEERS  
 SERVICE | SOLUTIONS | COMMITMENT

330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

|                    |  |
|--------------------|--|
| <b>SCALES</b>      |  |
| PLAN - HOR. 1"=10' |  |
| VERT. 1"=2'        |  |
| REVISIONS          |  |
| DATE               |  |
| DATE               |  |
| DATE               |  |

CHASTAIN ENGINEERING  
 FILE NO.  
**M-179**  
 7667.07

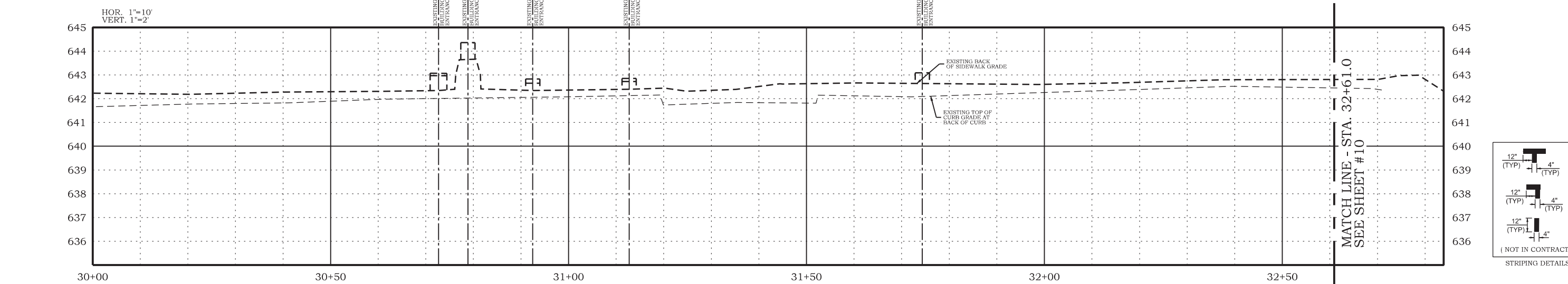
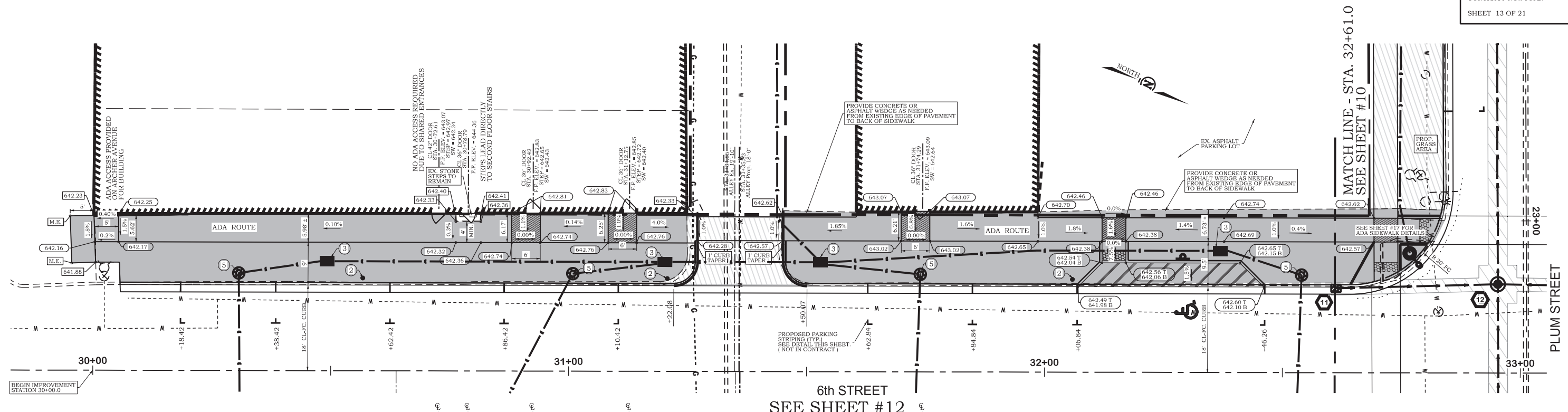
**PLAN AND PROFILE - 6th STREET ( EAST SIDE )**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO.  
**12**  
 OF 21 SHEETS

ARCHER AVENUE

PLUM STREET



|   |  |
|---|--|
| <p><b>SIDEWALK REMOVAL</b></p> <p>LT STA. 29+95.5 TO STA. 31+24.9 1,793.6 SQ. FT.<br/>                 LT STA. 31+44.7 TO STA. 32+61.0 1,763.3 SQ. FT.<br/>                 SHEET TOTAL = 3,556.9 SQ. FT.</p> | <p><b>DRIVEWAY PAVEMENT REMOVAL</b></p> <p>LT STA. 31+19.1 TO STA. 31+51.2 34.0 SQ. YD.<br/>                 SHEET TOTAL = 34.0 SQ. YD.</p>  |
| <p><b>BOLLARD</b></p> <p>19.5' LT STA. 30+56.7 1 EACH<br/>                 19.5' LT STA. 31+20.7 1 EACH<br/>                 19.5' LT STA. 32+05.8 1 EACH<br/>                 SHEET TOTAL = 3 EACH</p>       | <p><b>HANDHOLE</b></p> <p>23' LT STA. 30+49.3 1 EACH<br/>                 23' LT STA. 31+20.2 1 EACH<br/>                 23' LT STA. 31+52.9 1 EACH<br/>                 26' LT STA. 32+36.9 1 EACH<br/>                 SHEET TOTAL = 4 EACH</p> |

|  |   |
|--|---|
| <p><b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b></p> <p>LT STA. 31+22.1 TO STA. 31+50.1 20.0 SQ. YD.<br/>                 LT STA. 32+06.8 TO STA. 32+46.3 19.1 SQ. YD.<br/>                 SHEET TOTAL = 39.1 SQ. YD.</p> | <p><b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b></p> <p>LT STA. 29+95.5 TO STA. 31+26.6 1,854.5 SQ. FT.<br/>                 LT STA. 31+45.6 TO STA. 32+61.0 1,485.1 SQ. FT.<br/>                 SHEET TOTAL = 3,339.6 SQ. FT.</p> |
| <p><b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b></p> <p>LT STA. 31+26.6 TO STA. 31+45.6 95 SQ. FT.<br/>                 SHEET TOTAL = 95 SQ. FT.</p>   |   |

|   |   |
|---|---|
| <p><b>COMBINATION CURB &amp; GUTTER REMOVAL</b></p> <p>LT STA. 30+05.7 TO STA. 32+61.0 255.3 FOOT<br/>                 SHEET TOTAL = 255.3 FOOT</p> | <p><b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b></p> <p>LT STA. 30+05.7 TO STA. 32+61.0 255.3 FOOT<br/>                 SHEET TOTAL = 255.3 FOOT</p> |
| <p><b>SIGN PANEL - TYPE 1</b></p> <p>LT STA. 32+29.0 2.0 SQ. FT.<br/>                 TOTAL = 2.0 SQ. FT.</p>                                       | <p><b>TELESCOPING STEEL SIGN SUPPORT</b></p> <p>LT STA. 32+29.0 10.0 FOOT<br/>                 TOTAL = 10.0 FOOT</p>  |

|  |   |
|--|---|
| <p><b>DETECTABLE WARNINGS</b></p> <p>LT STA. 32+12.1 TO STA. 32+17.1 10 SQ. FT.<br/>                 SHEET TOTAL = 10 SQ. FT.</p>  | <p><b>DECORATIVE LIGHT TYPE A</b></p> <p>20.5' LT STA. 30+30.6 1 EACH<br/>                 20.5' LT STA. 31+00.9 1 EACH<br/>                 20.5' LT STA. 31+73.9 1 EACH<br/>                 20.5' LT STA. 32+54.0 1 EACH<br/>                 SHEET TOTAL = 4 EACH</p> |
| <p><b>LIGHT POLE FOUNDATION, 24" DIAMETER</b></p> <p>20.5' LT STA. 30+30.6 5.7 FOOT<br/>                 20.5' LT STA. 31+00.9 5.7 FOOT<br/>                 20.5' LT STA. 31+73.9 5.7 FOOT<br/>                 20.5' LT STA. 32+54.0 5.7 FOOT<br/>                 SHEET TOTAL = 22.8 FOOT</p> |   |

- 1 PROPOSED STORM WATER CURB OPENING
- 2 PROPOSED BOLLARD (1' BACK OF CURB TO CENTER)
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" Ø LIGHT POLE FOUNDATION (2.5' BACK OF CURB TO CENTER)
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

**LEGEND**

|           |   |
|-----------|---|
| M.E.      | MATCH EXISTING  |
| xxx.xx    | EXISTING SPOT ELEV.   |
| xxx.xx    | EXISTING SPOT ELEV. TO MATCH  |
| xxx.xx    | PROPOSED SPOT ELEV.   |
| xxx.xx T  | PROPOSED TOP OF CURB ELEV.  |
| xxx.xx B  | PROPOSED BOTTOM OF CURB ELEV.   |
| xxx.xx FL | PROPOSED FLOWLINE OF CURB ELEV.   |
| 5         | DRAINAGE STRUCTURE NUMBER SEE SHEET #5  |
| 5'        | LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED. |

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

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**CHASTAIN & ASSOCIATES LLC**  
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330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

|                            |                            |
|----------------------------|----------------------------|
| <b>SCALES</b>              | <b>DRAWN</b> TL            |
| PLAN - HOR. 1"=10'         | DATE 7/27/2022             |
| VERT. 1"=2'                | <b>CHECKED</b> [Signature] |
|                            | DATE 9/7/2022              |
| <b>REVISED</b> [Signature] | <b>APPROVED</b> CME        |
| DATE                       | DATE 9/7/2022              |
| <b>REVISED</b> [Signature] | <b>REVISED</b> [Signature] |
| DATE                       | DATE                       |

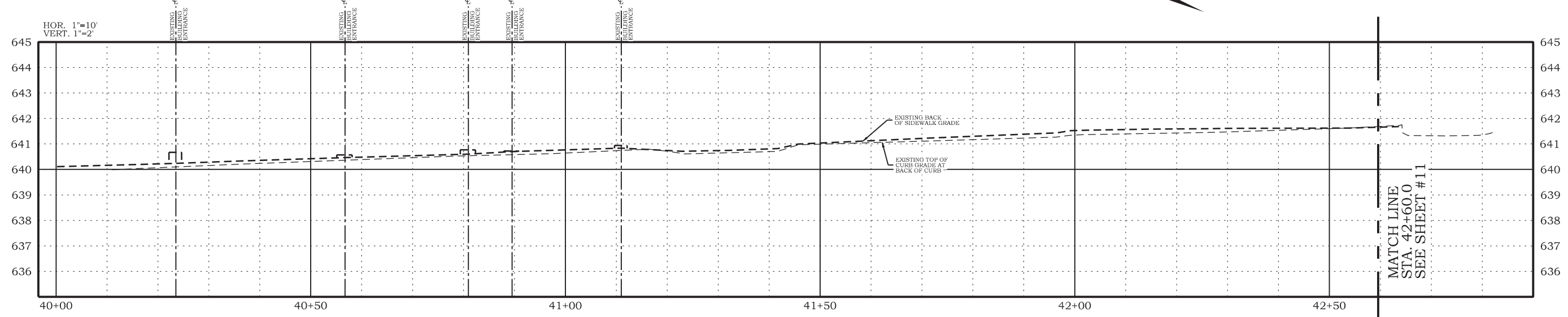
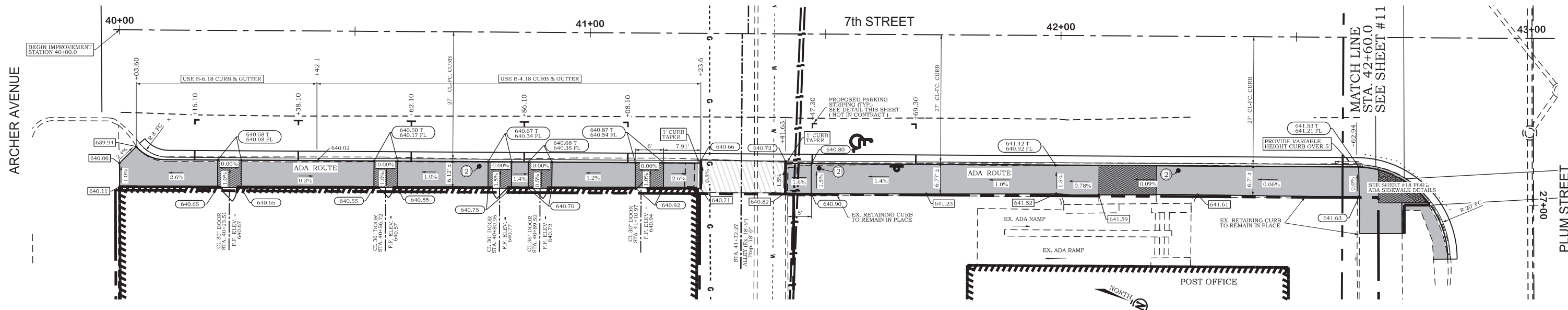
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 FILE NO. M-179  
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PLAN AND PROFILE - 6th STREET ( WEST SIDE )

DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO. 13 OF 21 SHEETS

SEE SHEET #15



|                                  |                        |
|----------------------------------|------------------------|
| <b>SIDEWALK REMOVAL</b>          |                        |
| RT. STA. 40+00.1 TO STA. 41+22.9 | 677.1 SQ. FT.          |
| RT. STA. 41+41.6 TO STA. 42+60   | 731.2 SQ. FT.          |
| <b>SHEET TOTAL =</b>             | <b>1,408.3 SQ. FT.</b> |

|   |                        |
|---|------------------------|
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b> |                        |
| RT. STA. 40+00.1 TO STA. 41+23.6                | 699.2 SQ. FT.          |
| RT. STA. 41+41.6 TO STA. 42+60.0                | 734.1 SQ. FT.          |
| <b>SHEET TOTAL =</b>                            | <b>1,433.3 SQ. FT.</b> |

|                       |               |
|-----------------------|---------------|
| <b>BOLLARD</b>        |               |
| 28.5' RT STA. 40+76.6 | 1 EACH        |
| 28.5' RT STA. 41+48.8 | 1 EACH        |
| 28.5' RT STA. 42+25.1 | 1 EACH        |
| <b>SHEET TOTAL =</b>  | <b>3 EACH</b> |

|                                  |                     |
|----------------------------------|---------------------|
| <b>DRIVEWAY PAVEMENT REMOVAL</b> |                     |
| RT. STA. 41+22.9 TO STA. 41+41.6 | 14.2 SQ. YD.        |
| <b>SHEET TOTAL =</b>             | <b>14.2 SQ. YD.</b> |

|   |                      |
|---|----------------------|
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b> |                      |
| RT. STA. 41+23.6 TO STA. 41+41.6                | 102.5 SQ. FT.        |
| <b>SHEET TOTAL =</b>                            | <b>102.5 SQ. FT.</b> |

|                            |                    |
|----------------------------|--------------------|
| <b>SIGN PANEL - TYPE 1</b> |                    |
| RT. STA. 41+65.3           | 2.0 SQ. FT.        |
| <b>TOTAL =</b>             | <b>2.0 SQ. FT.</b> |

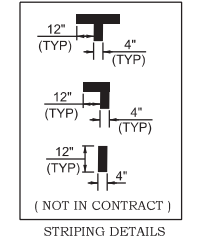
|  |                   |
|--|-------------------|
| <b>COMBINATION CURB &amp; GUTTER REMOVAL</b> |                   |
| RT. STA. 40+03.6 TO STA. 42+60               | 256.5 FOOT        |
| <b>SHEET TOTAL =</b>                         | <b>256.5 FOOT</b> |

|   |                    |
|---|--------------------|
| <b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b> |                    |
| RT. STA. 41+23.6 TO STA. 41+41.6                          | 2.1 SQ. YD.        |
| <b>SHEET TOTAL =</b>                                      | <b>2.1 SQ. YD.</b> |

|                                       |                  |
|---------------------------------------|------------------|
| <b>TELESCOPING STEEL SIGN SUPPORT</b> |                  |
| RT. STA. 41+65.3                      | 10.0 FOOT        |
| <b>TOTAL =</b>                        | <b>10.0 FOOT</b> |

|  |                   |
|--|-------------------|
| <b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b> |                   |
| RT. STA. 40+03.6 TO STA. 40+42.1 (6")                    | 38.6 FOOT         |
| RT. STA. 40+42.1 TO STA. 41+23.6 (4")                    | 81.5 FOOT         |
| RT. STA. 41+23.6 TO STA. 42+60.0 (6")                    | 136.4 FOOT        |
| <b>SHEET TOTAL =</b>                                     | <b>256.5 FOOT</b> |

- 1 PROPOSED STORM WATER CURB OPENING
- 2 PROPOSED BOLLARD (1' BACK OF CURB TO CENTER)
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24"Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30"Ø LIGHT POLE FOUNDATION (2.5' BACK OF CURB TO CENTER)
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL



| LEGEND    |   |
|-----------|---|
| M.E.      | MATCH EXISTING  |
| XXX.XX    | EXISTING SPOT ELEV.   |
| XXX.XX    | EXISTING SPOT ELEV. TO MATCH  |
| XXX.XX    | PROPOSED SPOT ELEV.   |
| XXX.XX T  | PROPOSED TOP OF CURB ELEV.  |
| XXX.XX B  | PROPOSED BOTTOM OF CURB ELEV.   |
| XXX.XX FL | PROPOSED FLOWLINE OF CURB ELEV.   |
| XX        | DRAINAGE STRUCTURE NUMBER SEE SHEET #5  |
| 5' x 5'   | LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED. |

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

N:\New Projects\179 StreetScape Phase III\Plan Sheets.dgn

**CHASTAIN & ASSOCIATES LLC**  
 CONSULTING ENGINEERS  
 SERVICE | SOLUTIONS | COMMITMENT

330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

| SCALES                |                         |
|-----------------------|-------------------------|
| PLAN: HOR. 1"=10'     | VERT. 1"=2'             |
| DRAWN DATE: 7/21/2022 | CHECKED DATE:           |
| REVISD DATE:          | APPROVED DATE: 9/7/2022 |
| REVISD DATE:          | REVISD DATE:            |

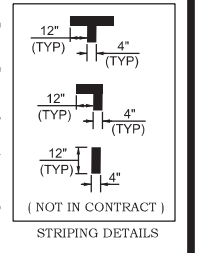
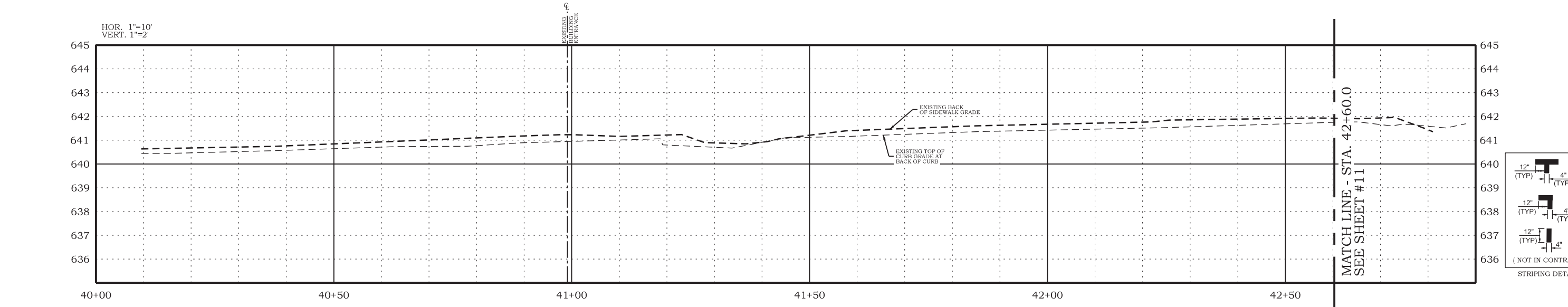
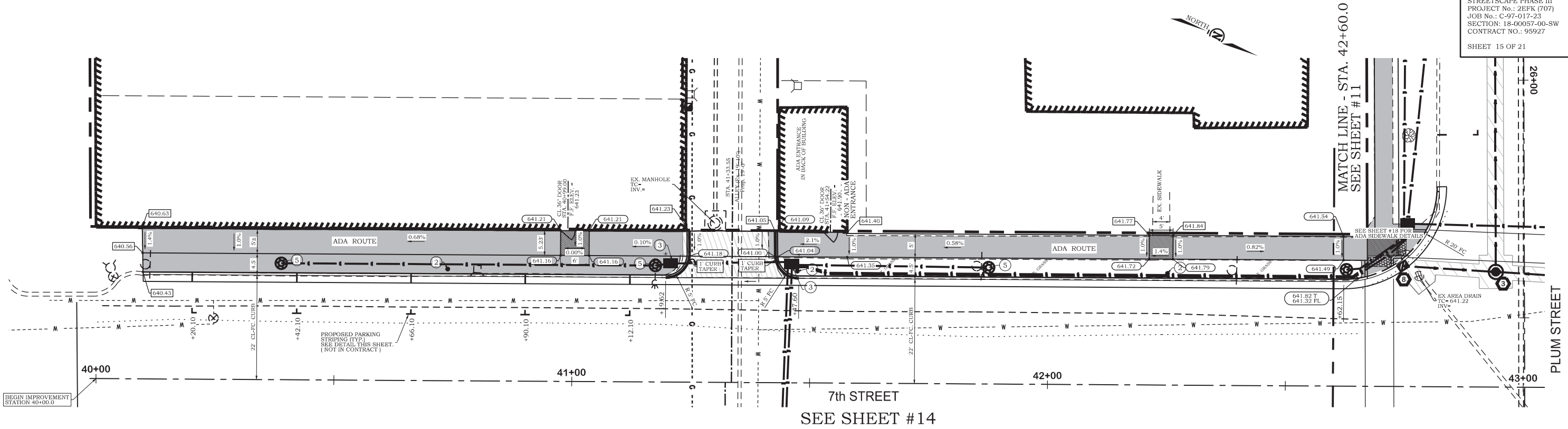
CHASTAIN ENGINEERING FILE NO.  
**M-179**  
 7667.07

**PLAN AND PROFILE - 7th STREET ( EAST SIDE )**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

ARCHER AVENUE

PLUM STREET



|                                  |                        |
|----------------------------------|------------------------|
| <b>SIDEWALK REMOVAL</b>          |                        |
| LT. STA. 40+09.6 TO STA. 41+23.2 | 1,039.1 SQ. FT.        |
| LT. STA. 41+41.3 TO STA. 42+60.0 | 598.8 SQ. FT.          |
| <b>SHEET TOTAL =</b>             | <b>1,637.9 SQ. FT.</b> |

|   |                    |
|---|--------------------|
| <b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b> |                    |
| LT. STA. 41+20.0 TO STA. 41+47.6                          | 9.4 SQ. YD.        |
| <b>SHEET TOTAL =</b>                                      | <b>9.4 SQ. YD.</b> |

|  |                   |
|--|-------------------|
| <b>COMBINATION CURB &amp; GUTTER REMOVAL</b> |                   |
| LT. STA. 40+09.6 TO STA. 42+60.0             | 250.4 FOOT        |
| <b>SHEET TOTAL =</b>                         | <b>250.4 FOOT</b> |

|                                  |                     |
|----------------------------------|---------------------|
| <b>DRIVEWAY PAVEMENT REMOVAL</b> |                     |
| LT. STA. 41+18.8 TO STA. 41+44.6 | 21.7 SQ. YD.        |
| <b>SHEET TOTAL =</b>             | <b>21.7 SQ. YD.</b> |

|   |                      |
|---|----------------------|
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b> |                      |
| LT. STA. 41+24.1 TO STA. 41+43.1                | 101.6 SQ. FT.        |
| <b>SHEET TOTAL =</b>                            | <b>101.6 SQ. FT.</b> |

|  |                   |
|--|-------------------|
| <b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b> |                   |
| LT. STA. 40+09.7 TO STA. 42+60.0                         | 250.3 FOOT        |
| <b>SHEET TOTAL =</b>                                     | <b>250.3 FOOT</b> |

|                                |               |
|--------------------------------|---------------|
| <b>DECORATIVE LIGHT TYPE A</b> |               |
| 24.5 LT. STA. 40+38.8          | 1 EACH        |
| 24.5 LT. STA. 41+17.4          | 1 EACH        |
| 24.5 LT. STA. 41+87.5          | 1 EACH        |
| <b>SHEET TOTAL =</b>           | <b>3 EACH</b> |

|                       |               |
|-----------------------|---------------|
| <b>BOLLARD</b>        |               |
| 23.5 LT. STA. 40+73.8 | 1 EACH        |
| 23.5 LT. STA. 41+47.3 | 1 EACH        |
| 23.5 LT. STA. 42+25.1 | 1 EACH        |
| <b>SHEET TOTAL =</b>  | <b>3 EACH</b> |

|                      |               |
|----------------------|---------------|
| <b>HANDHOLE</b>      |               |
| 25 LT. STA. 41+20.6  | 1 EACH        |
| 25 LT. STA. 41+46.1  | 1 EACH        |
| <b>SHEET TOTAL =</b> | <b>2 EACH</b> |

|   |                        |
|---|------------------------|
| <b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b> |                        |
| LT. STA. 40+09.7 TO STA. 41+24.1                | 1,051.7 SQ. FT.        |
| LT. STA. 41+43.1 TO STA. 42+60.0                | 588.8 SQ. FT.          |
| <b>SHEET TOTAL =</b>                            | <b>1,640.5 SQ. FT.</b> |

|   |               |
|---|---------------|
| <b>LIGHT POLE TO BE REMOVED (BY OTHERS)</b> |               |
| 24.9 LT. STA. 41+17.5                       | 1 EACH        |
| <b>SHEET TOTAL =</b>                        | <b>1 EACH</b> |

|  |                  |
|--|------------------|
| <b>LIGHT POLE FOUNDATION, 24" DIAMETER</b> |                  |
| 24.5 LT. STA. 40+38.8                      | 5.7 FOOT         |
| 24.5 LT. STA. 41+17.4                      | 5.7 FOOT         |
| 24.5 LT. STA. 41+87.5                      | 5.7 FOOT         |
| <b>SHEET TOTAL =</b>                       | <b>17.1 FOOT</b> |

- 1 PROPOSED STORM WATER CURB OPENING
- 2 PROPOSED BOLLARD (1' BACK OF CURB TO CENTER)
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" LIGHT POLE FOUNDATION (2.5' BACK OF CURB TO CENTER)
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

**LEGEND**

|                  |  |
|------------------|--|
| <b>M.E.</b>      | MATCH EXISTING   |
| <b>XXX.XX</b>    | EXISTING SPOT ELEV.  |
| <b>XXX.XX</b>    | EXISTING SPOT ELEV. TO MATCH   |
| <b>XXX.XX</b>    | PROPOSED SPOT ELEV.  |
| <b>XXX.XX T</b>  | PROPOSED TOP OF CURB ELEV.   |
| <b>XXX.XX B</b>  | PROPOSED BOTTOM OF CURB ELEV.  |
| <b>XXX.XX FL</b> | PROPOSED FLOWLINE OF CURB ELEV.  |
| <b>XX</b>        | DRAINAGE STRUCTURE NUMBER SEE SHEET #5   |
| <b>5x5</b>       | LEVEL LANDING TO BE CONSTRUCTED - 5x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED. |

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
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N:\New Projects\M-179 Streetscape Phase III\Plan Sheets\Jdn

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|                                  |                                 |
|----------------------------------|---------------------------------|
| <b>SCALES</b>                    | DRAWN: TLT<br>DATE: 7/21/2022   |
| PLAN: HOR. 1"=10'<br>VERT. 1"=2' | CHECKED: [ ]<br>DATE: [ ]       |
| REVISED: [ ]<br>DATE: [ ]        | APPROVED: CMF<br>DATE: 9/7/2022 |
| REVISED: [ ]<br>DATE: [ ]        | REVISED: [ ]<br>DATE: [ ]       |

CHASTAIN ENGINEERING  
 FILE NO.  
**M-179**  
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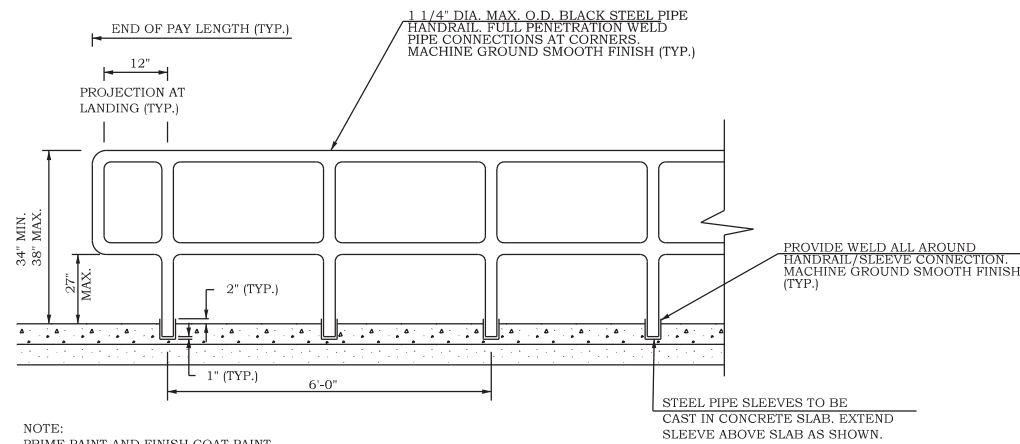
**PLAN AND PROFILE - 7th STREET ( WEST SIDE )**  
**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY







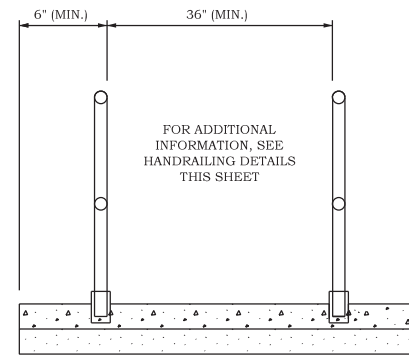




NOTE:  
 PRIME PAINT AND FINISH COAT PAINT  
 TO COMPLY WITH MATERIAL SPECIFICATIONS.  
 SUBMIT PROPOSED PAINTING SYSTEM TO  
 ENGINEER FOR APPROVAL PRIOR TO PAINTING.  
 FINISH COAT COLOR TO BE SELECTED BY CITY.

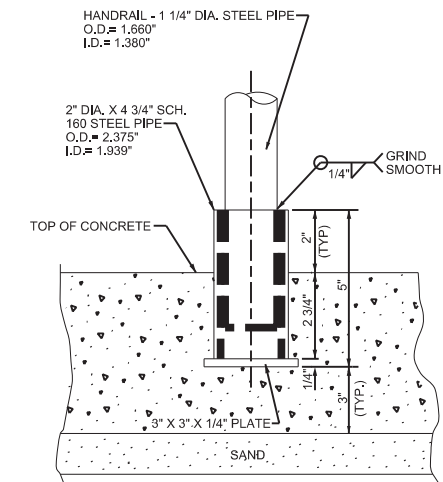
**ADA HANDRAILING DETAIL**

N.T.S.

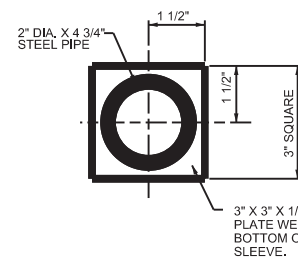


**ADA RAIL/HANDRAIL SECTION**

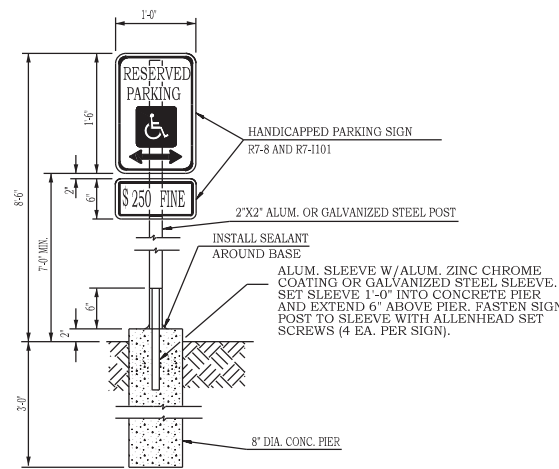
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ADA PIPE SLEEVE - SECTION VIEW  
 N.T.S.

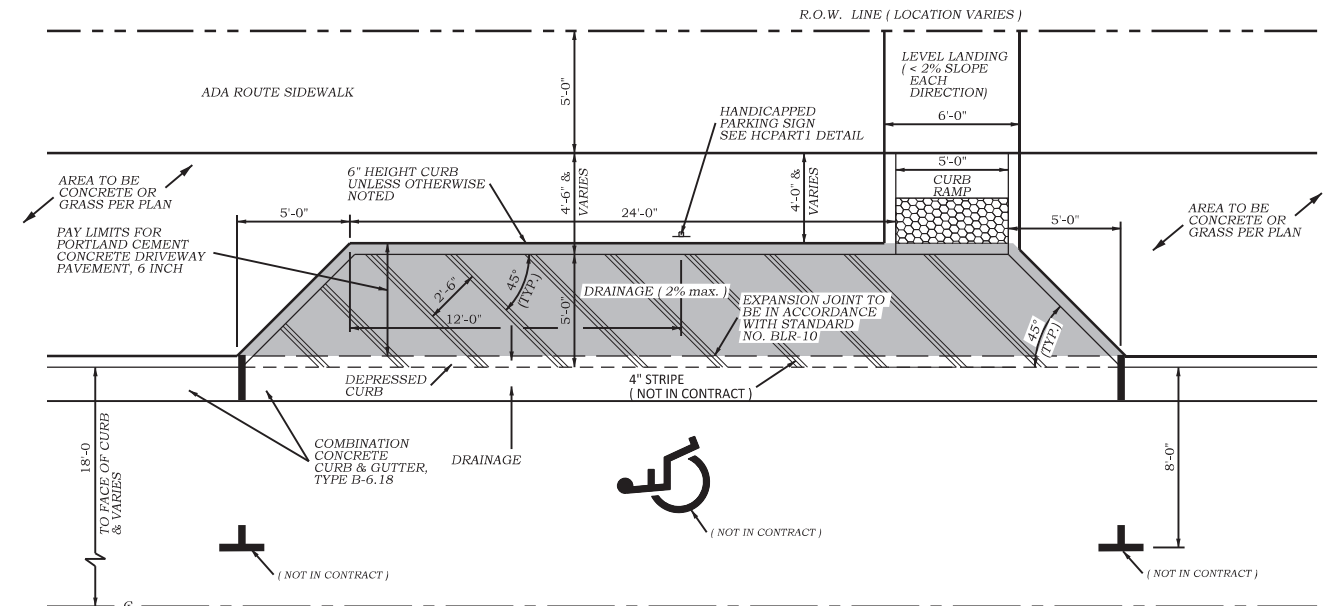


ADA PIPE SLEEVE - PLAN VIEW  
 N.T.S.

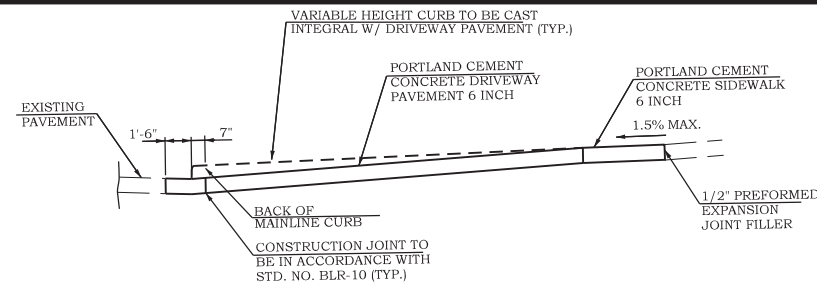


**ADA PARKING SIGN**

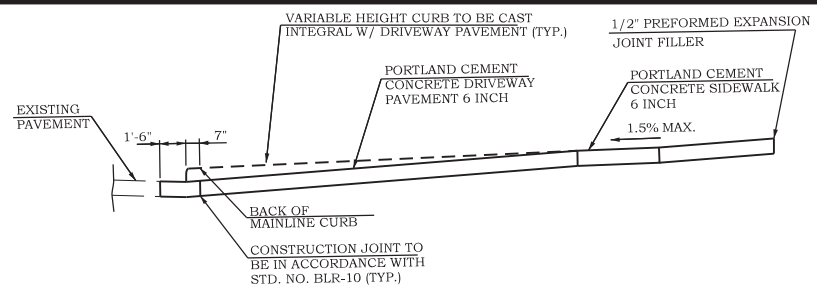
HCPART1 DETAIL  
 N.T.S.



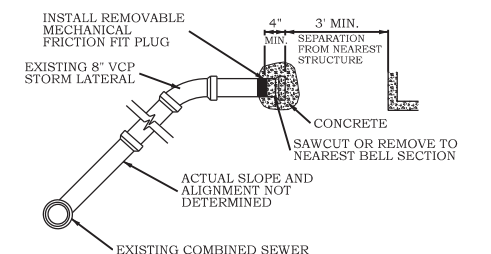
**ACCESSIBLE PARKING SPACE W/ CURB RAMP**



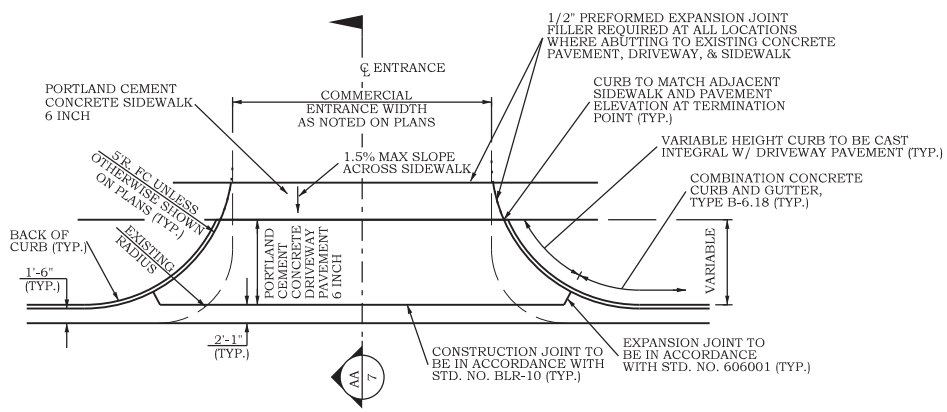
**AA**  
 7  
**COMMERCIAL/ ALLEY ENTRANCES SECTION WITH NEW SIDEWALK**  
 N.T.S.



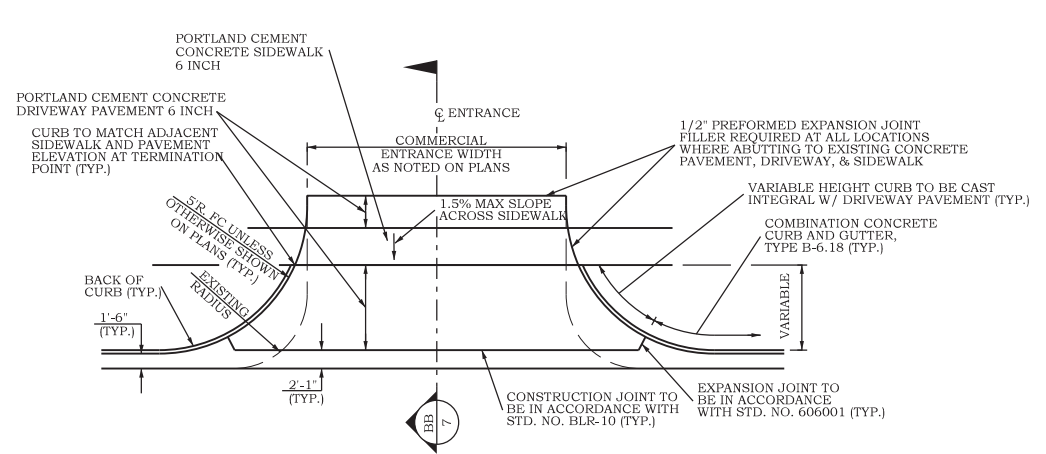
**BB**  
 7  
**COMMERCIAL/ ALLEY ENTRANCES SECTION WITH NEW PAVEMENT BEHIND NEW SIDEWALK**  
 N.T.S.



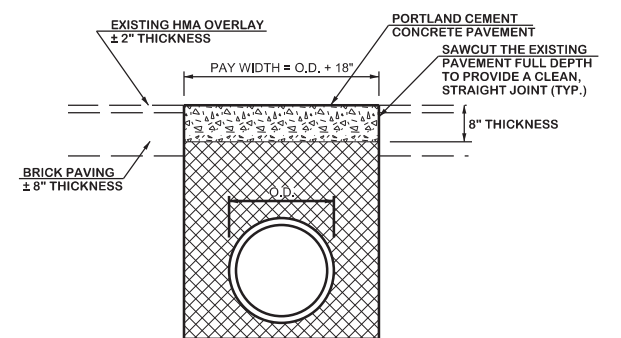
**PLUG EXISTING STORM SEWERS**  
 N.T.S.



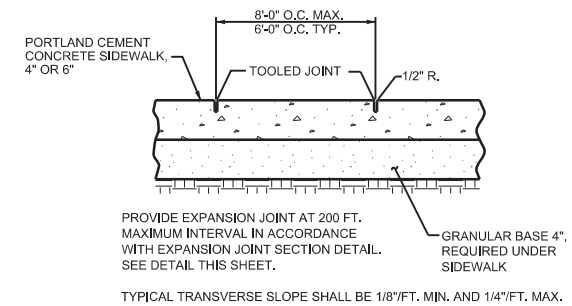
**DETAIL OF COMMERCIAL/ ALLEY ENTRANCES WITH NEW SIDEWALK**



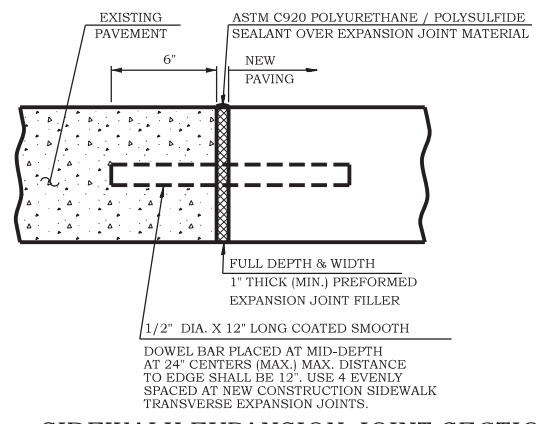
**DETAIL OF COMMERCIAL/ ALLEY ENTRANCES WITH NEW PAVEMENT BEHIND NEW SIDEWALK**



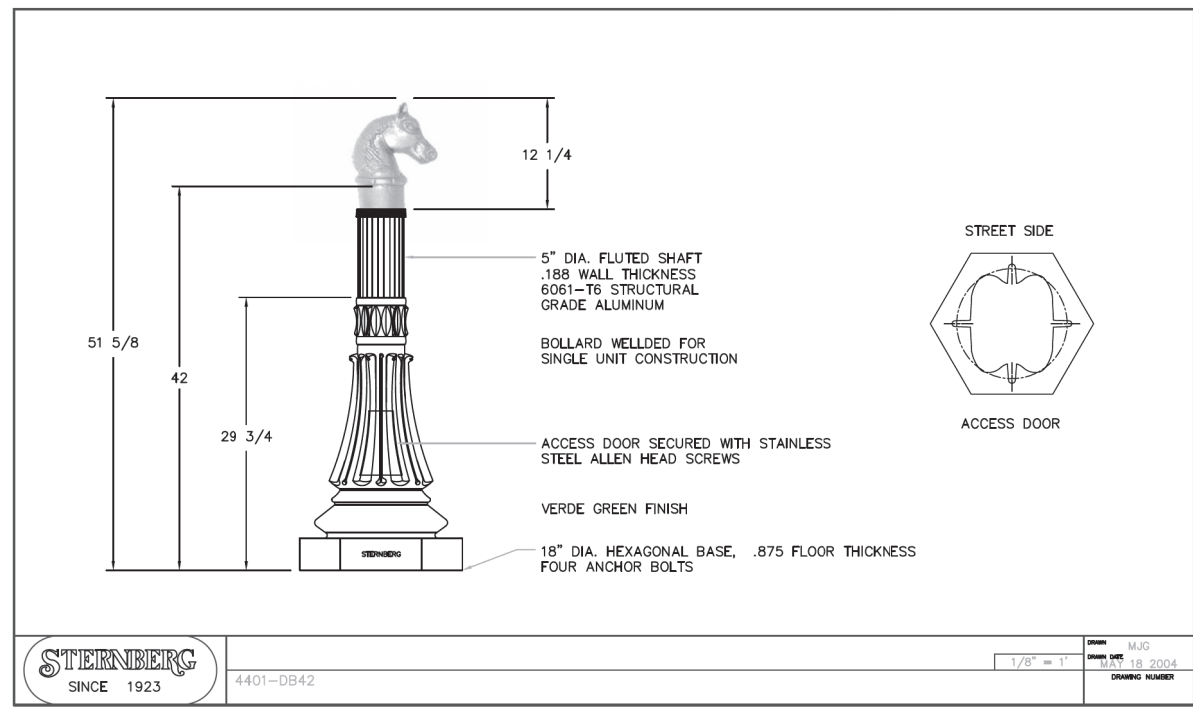
**CLASS C PATCHES**  
 N.T.S.



**PORTLAND CEMENT CONCRETE SIDEWALK**  
 N.T.S.



**SIDEWALK EXPANSION JOINT SECTION**  
 N.T.S.



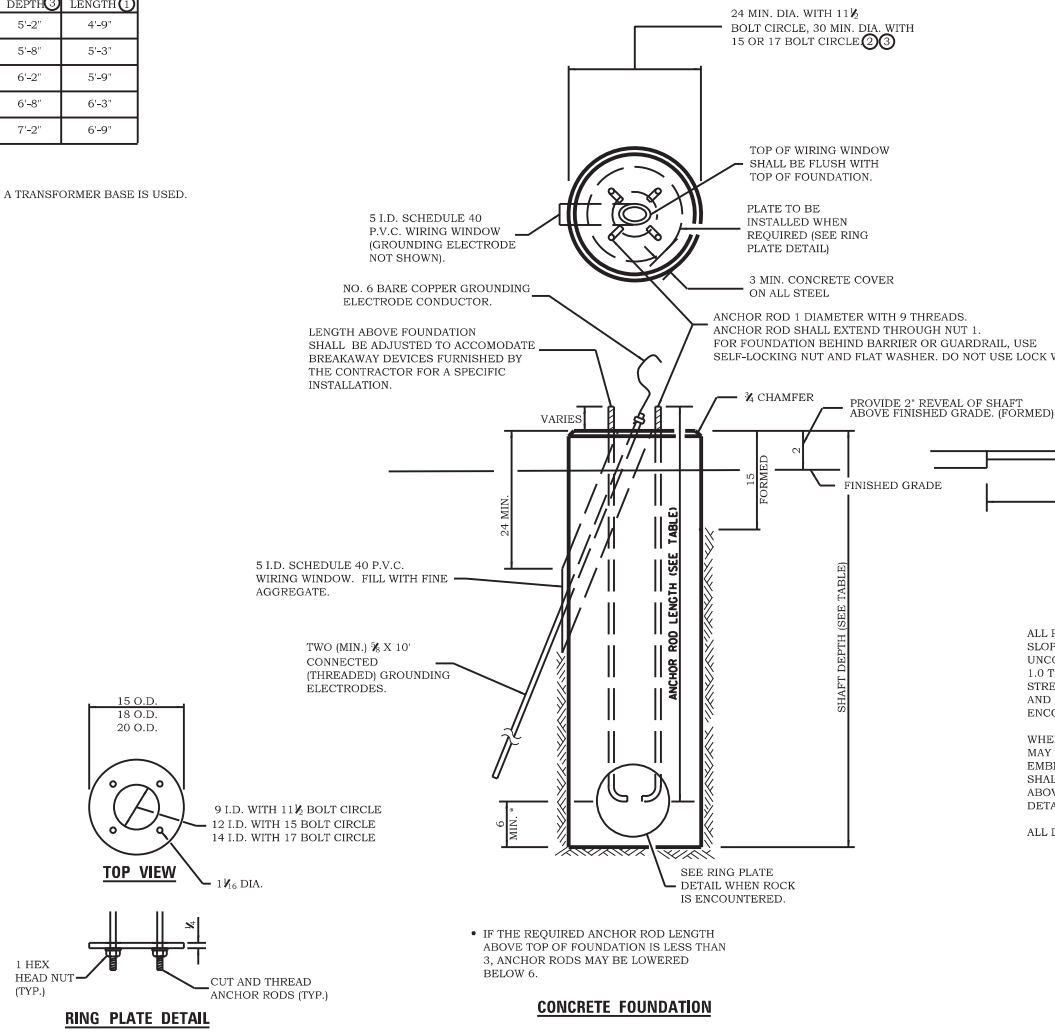
**BOLLARD DETAIL**  
 N.T.S.



1/8" = 1"  
 MUG  
 DATE 18 2004  
 DRAWING NUMBER

| LIGHT POLE MOUNTING HEIGHT | CONCRETE FOUNDATION  |                |             |                   |
|----------------------------|----------------------|----------------|-------------|-------------------|
|                            | BOLT CIRCLE DIAMETER | SHAFT DIAMETER | SHAFT DEPTH | ANCHOR ROD LENGTH |
| 30'                        | 11 1/2" (3)          | 24             | 5'-2"       | 4'-9"             |
| 31'-35'                    | 11 1/2" (3)          | 24             | 5'-8"       | 5'-3"             |
| 36'-40'                    | 15" (2)              | 30             | 6'-2"       | 5'-9"             |
| 41'-45'                    | 15" (2)              | 30             | 6'-8"       | 6'-3"             |
| 46'-50'                    | 15" (2)              | 30             | 7'-2"       | 6'-9"             |

- ① LENGTH DOES NOT INCLUDE 4 HOOK.
- ② BOLT CIRCLE DIAM. SHALL BE 17 WHEN A TRANSFORMER BASE IS USED.
- ③ OR AS REQUIRED BY MANUFACTURER.



**GENERAL NOTES**

ALL FOUNDATIONS ARE DESIGNED TO BE LOCATED ON SLOPES NOT EXCEEDING 2:1 WHERE SOILS HAVE AN UNCONFINED COMPRESSIVE STRENGTH OF AT LEAST 1.0 TSP. THE CONTRACTOR SHALL VERIFY THE SOIL STRENGTH DURING DRILLING FOR CONCRETE FOUNDATIONS AND NOTIFY THE ENGINEER IF OTHER CONDITIONS ARE ENCOUNTERED.

WHEN ROCK IS ENCOUNTERED THE FOUNDATION DEPTH MAY BE REDUCED 6" FOR EVERY 12" OF EMBEDMENT IN ROCK. THE MINIMUM FOUNDATION DEPTH SHALL BE 4'-6" WITH CUT ANCHOR RODS 6" ABOVE BOTTOM OF EXCAVATED HOLE. SEE RING PLATE DETAIL.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

