

**SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION**

THE FOLLOWING REPRESENTS THE SUGGESTED METHOD FOR MAINTAINING DRAINAGE WHILE CONSTRUCTING THE PROPOSED IMPROVEMENTS IN ACCORDANCE WITH THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND CONSTRUCTION STAGING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE DURING ALL STAGES OF CONSTRUCTION. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. THE CONTRACT INCLUDES PAY ITEMS FOR TEMPORARY DRAINAGE ITEMS, PAVEMENT PATCHING, CURB AND GUTTER REPAIR, AND THE VARIOUS ADJUSTMENTS THROUGHOUT ALL STAGES OF WORK. CLASS D PATCHES HAVE BEEN ADDED TO THE CONTRACT FOR USE AS TEMPORARY PATCHING OVER STORM SEWERS. THE COST OF INSTALLATION AND REMOVAL OF TEMPORARY CONNECTIONS, PLUGGING PIPES, AND TEMPORARY GRADING WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE VARIOUS DRAINAGE PAY ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND LOCATIONS OF DRAINAGE ELEMENTS. ANY CHANGE FROM THIS PLAN SHALL ALSO BE SUBJECT TO THE APPROVAL OF ENGINEER.

**PRE-STAGE**

REMOVE EXISTING DRAINAGE STRUCTURES AND STORM SEWER IN ACCORDANCE WITH THE REMOVAL PLANS AND AS REQUIRED TO CONSTRUCT THE DRAINAGE SYSTEM.

AT THE FOLLOWING LOCATIONS CONSTRUCT OUTLET PIPES AND DRAINAGE STRUCTURES, REGRADE ADJACENT AREAS TO MAINTAIN FLOW AS REQUIRED, PATCH PAVEMENT, AND REPAIR CURB AND GUTTER. EXISTING CONNECTIONS TO NEW STORM SEWERS SHALL BE REESTABLISHED TO MAINTAIN FLOW AS REQUIRED.

- STA. 197+95
- STA. 199+17
- STA. 223+20
- STA. 267+90
- STA. 268+91

CONSTRUCT PROPOSED MAIN DRAIN STORM SEWER AND ASSOCIATED DRAINAGE STRUCTURES WITHIN THE FOLLOWING LIMITS:

FROM STR. NO. TO STR. NO.

- EX119 \_\_\_\_\_ EX120 PIPE ANGLED FROM MEDIAN TO WEST PARKWAY
- 502 \_\_\_\_\_ EX531 EXISTING WEST PARKWAY
- 580 \_\_\_\_\_ 581A MEDIAN
- 588A \_\_\_\_\_ 591 MEDIAN

EXTEND 9 FT. x 6 FT. BOX CULVERT AT MARLEY CREEK.

CONSTRUCT LATERAL STORM SEWERS AND ASSOCIATED DRAINAGE STRUCTURES, PATCH PAVEMENT AND REPAIR CURB AND GUTTER AT THE FOLLOWING LOCATIONS:

- STA. 237+40
- STA. 238+40
- STA. 239+40
- STA. 240+40
- STA. 241+40
- STA. 242+71
- STA. 244+05
- STA. 245+00
- STA. 254+47
- STA. 260+90

TEMPORARILY CONNECT THE EXISTING STORM SEWER LATERAL PIPES DRAINING THE SOUTHBOUND EDGE OF PAVEMENT DRAINAGE STRUCTURES TO THE PROPOSED WEST PARKWAY MAIN DRAIN STORM SEWER AT THE FOLLOWING LOCATIONS:

- STA. 238+85
- STA. 241+34
- STA. 242+90
- STA. 243+70
- STA. 261+06

**PRE-STAGE (CONTINUED)**

AT THE FOLLOWING LOCATIONS TEMPORARY CATCH BASINS AND STORM SEWER SHALL BE INSTALLED AND CONNECTED TO EXISTING DRAINAGE STRUCTURES AND STORM SEWER, PATCH EXISTING PAVEMENT AND INSTALL TEMPORARY PAVEMENT. FOR COMPLETE DETAILS REFER TO THE EROSION CONTROL AND MOT PLANS.

**TEMPORARY CATCH BASINS**

STR. NO.

- |                           |                           |
|---------------------------|---------------------------|
| • S-1 STA. 183+08 32' LT  | • S-22 STA. 224+53 32' LT |
| • S-2 STA. 185+68 32' LT  | • S-23 STA. 226+22 32' LT |
| • S-3 STA. 189+23 32' LT  | • S-24 STA. 229+75 32' LT |
| • S-4 STA. 191+74 32' LT  | • S-25 STA. 231+93 32' LT |
| • S-5 STA. 195+02 32' LT  | • S-26 STA. 234+43 32' LT |
| • S-6 STA. 196+53 32' LT  | • S-27 STA. 238+64 32' LT |
| • S-7 STA. 196+90 32' LT  | • S-28 STA. 241+14 32' LT |
| • S-8 STA. 198+53 32' LT  | • S-29 STA. 242+56 32' LT |
| • S-9 STA. 200+42 32' LT  | • S-30 STA. 243+52 32' LT |
| • S-10 STA. 202+32 32' LT | • S-31 STA. 244+40 32' LT |
| • S-11 STA. 204+21 32' LT | • S-32 STA. 247+08 32' LT |
| • S-12 STA. 206+12 32' LT | • S-33 STA. 249+54 32' LT |
| • S-13 STA. 208+03 32' LT | • S-34 STA. 251+25 32' LT |
| • S-14 STA. 209+93 32' LT | • S-35 STA. 252+70 32' LT |
| • S-15 STA. 212+94 32' LT | • S-36 STA. 254+10 32' LT |
| • S-16 STA. 214+92 32' LT | • S-37 STA. 255+85 32' LT |
| • S-17 STA. 216+86 32' LT | • S-38 STA. 260+96 32' LT |
| • S-18 STA. 218+44 32' LT | • S-39 STA. 264+65 32' LT |
| • S-19 STA. 220+02 32' LT | • S-40 STA. 268+02 32' LT |
| • S-20 STA. 222+99 32' LT | • S-41 STA. 269+00 40' LT |
| • S-21 STA. 223+16 25' LT |                           |

**TEMPORARY STORM SEWER**

PIPE NO. FROM STA. TO STA.

- |   |
|---|
| • P-1 183+08 182+98 TEMP CB TO EXIST CB               |
| • P-2 185+68 185+58 TEMP CB TO EXIST CB               |
| • P-3 189+23 189+33 TEMP CB TO EXIST CB               |
| • P-4 189+34 190+30 EXIST EOP CB TO DRN STR NO. EX206 |
| • P-5 191+74 191+84 TEMP CB TO EXIST CB               |
| • P-6 195+02 195+12 TEMP CB TO EXIST CB               |
| • P-7 196+53 196+63 TEMP CB TO EXIST CB               |
| • P-8 196+90 196+80 TEMP CB TO EXIST CB               |
| • P-9 198+45 197+95 EXIST EOP CB TO DRN STR NO. 235   |
| • P-10 198+53 198+43 TEMP CB TO EXIST CB              |
| • P-11 200+42 200+32 TEMP CB TO EXIST CB              |
| • P-12 202+32 202+22 TEMP CB TO EXIST CB              |
| • P-13 204+21 204+11 TEMP CB TO EXIST CB              |
| • P-14 206+12 206+02 TEMP CB TO EXIST CB              |
| • P-15 208+03 207+93 TEMP CB TO EXIST CB              |
| • P-16 209+93 209+83 TEMP CB TO EXIST CB              |
| • P-17 212+94 212+84 TEMP CB TO EXIST CB              |
| • P-18 214+92 214+82 TEMP CB TO EXIST CB              |
| • P-19 216+86 216+76 TEMP CB TO EXIST CB              |
| • P-20 218+44 218+34 TEMP CB TO EXIST CB              |
| • P-21 220+02 219+92 TEMP CB TO EXIST CB              |
| • P-22 222+99 222+89 TEMP CB TO EXIST CB              |
| • P-23 223+16 223+06 TEMP CB TO EXIST CB              |
| • P-24 224+53 224+43 TEMP CB TO EXIST CB              |
| • P-25 226+22 226+12 TEMP CB TO EXIST CB              |
| • P-26 229+75 229+65 TEMP CB TO EXIST CB              |
| • P-27 231+93 231+83 TEMP CB TO EXIST CB              |
| • P-28 234+43 234+33 TEMP CB TO EXIST CB              |

**PRE-STAGE (CONTINUED)**

**TEMPORARY STORM SEWER**

PIPE NO. FROM STA. TO STA.

- |  |
|--|
| • P-29 238+64 238+74 TEMP CB TO EXIST CB |
| • P-30 241+14 241+24 TEMP CB TO EXIST CB |
| • P-31 242+56 242+66 TEMP CB TO EXIST CB |
| • P-32 243+52 243+62 TEMP CB TO EXIST CB |
| • P-33 244+40 244+50 TEMP CB TO EXIST CB |
| • P-34 247+08 247+18 TEMP CB TO EXIST CB |
| • P-35 249+54 249+44 TEMP CB TO EXIST CB |
| • P-36 251+25 251+35 TEMP CB TO EXIST CB |
| • P-37 252+70 252+80 TEMP CB TO EXIST CB |
| • P-38 254+10 254+20 TEMP CB TO EXIST CB |
| • P-39 255+85 255+95 TEMP CB TO EXIST CB |
| • P-40 260+96 261+06 TEMP CB TO EXIST CB |
| • P-41 264+65 264+75 TEMP CB TO EXIST CB |
| • P-42 268+02 268+12 TEMP CB TO EXIST CB |
| • P-43 269+00 269+10 TEMP CB TO EXIST CB |

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

**CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID**

- |                      |                      |
|----------------------|----------------------|
| • STA. 180+39 43' LT | • STA. 223+06 25' LT |
| • STA. 182+98 32' LT | • STA. 223+42 37' LT |
| • STA. 185+59 32' LT | • STA. 224+43 32' LT |
| • STA. 189+34 32' LT | • STA. 226+12 32' LT |
| • STA. 191+85 32' LT | • STA. 229+65 32' LT |
| • STA. 195+12 32' LT | • STA. 231+80 32' LT |
| • STA. 196+65 32' LT | • STA. 234+33 32' LT |
| • STA. 196+80 32' LT | • STA. 238+75 32' LT |
| • STA. 198+40 32' LT | • STA. 241+44 32' LT |
| • STA. 200+32 32' RT | • STA. 242+66 32' LT |
| • STA. 202+22 32' LT | • STA. 242+75 32' LT |
| • STA. 204+12 32' LT | • STA. 243+61 32' LT |
| • STA. 206+02 32' LT | • STA. 244+50 32' LT |
| • STA. 207+95 32' LT | • STA. 247+18 32' LT |
| • STA. 209+85 32' RT | • STA. 249+44 32' LT |
| • STA. 212+83 32' LT | • STA. 251+35 32' LT |
| • STA. 214+82 32' LT | • STA. 252+82 32' LT |
| • STA. 216+75 32' LT | • STA. 254+20 32' LT |
| • STA. 218+35 32' LT | • STA. 255+95 32' LT |
| • STA. 219+95 32' LT | • STA. 268+10 32' LT |

**MANHOLES TO BE ADJUSTED**

- |                      |                      |
|----------------------|----------------------|
| • STA. 223+40 46' LT | • STA. 254+44 34' LT |
| • STA. 229+65 44' LT | • STA. 256+06 34' LT |
| • STA. 244+66 35' LT | • STA. 261+12 38' LT |
| • STA. 247+26 38' LT | • STA. 263+60 35' LT |
| • STA. 249+30 38' LT | • STA. 268+25 40' LT |
| • STA. 252+92 38' LT |                      |

**INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID**

- STA. 222+95 32' LT
- STA. 254+35 32' LT
- STA. 264+76 35' LT
- STA. 269+10 40' LT



FILE NAME = D160M61-SHT-DRAIN NOTES-02.dgn	USER NAME = Anthony.Plutz	DESIGNED - DLT	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION</b>	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - NFT	REVISED -			330	103R-4	COOK	877	157	
SHT.PLAN	PLOT SCALE = 100.00' / in.	CHECKED -	REVISED -			<b>DN-02</b>		CONTRACT NO. 60M61			
	PLOT DATE = 3/13/2013	DATE - 03/13/2013	REVISED -			SCALE: NONE	SHEET 2 OF 3 SHEETS	STA. 179+90.00 TO STA. 274+17.72	ILLINOIS FED. AID PROJECT		