

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 CROSS CULVERTS AND/OR OUTLET PIPES AND DRAINAGE STRUCTURES, REGRADE DITCHES TO ALLOW FLOW INTO AND OUT OF CULVERTS AND STORM SEWERS AS REQUIRED, PATCH PAVEMENT, AND REPAIR CURB AND GUTTER. EXISTING CONNECTIONS TO NEW CULVERTS/STORM SEWERS SHALL BE REESTABLISHED TO MAINTAIN FLOW AS REQUIRED.

- STA. 306+03 TO INCLUDE PIPES 15 & 16 AND DRAINAGE STRUCTURES 20 & 22
- STA. 309+66
- STA. 323+31
- STA. 332+96
- STA. 344+36
- STA. 361+00

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

FROM STR. NO. TO STR. NO.

- 410 _____ 412 CONNECTS TO EXISTING PIPE IN EAST PARKWAY
- 256 _____ 257 RECONNECT EXISTING PIPE TO OUTFALL
- 202 _____ 268 MAIN LINE STORM SEWER - WEST PARKWAY
- 214A _____ 214 CONNECTS EXISTING STORM SEWER TO PROP SYSTEM- WEST PARKWAY
- 101C _____ 121 MAIN LINE STORM SEWER - WEST PARKWAY

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

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| • STA. 346+64 | • STA. 359+88 | • STA. 369+40 |
| • STA. 347+78 | • STA. 360+69 | • STA. 371+25 |
| • STA. 348+92 | • STA. 361+01 | • STA. 373+10 |
| • STA. 350+07 | • STA. 361+50 | • STA. 374+95 |
| • STA. 351+20 | • STA. 362+31 | • STA. 376+80 |
| • STA. 352+34 | • STA. 363+12 | • STA. 378+65 |
| • STA. 353+48 | • STA. 363+93 | |
| • STA. 356+40 | • STA. 364+74 | |
| • STA. 357+57 | • STA. 366+81 | |
| • STA. 358+73 | • STA. 367+85 | |

TEMPORARILY CONNECT THE EXISTING STORM SEWER LATERALS DRAINING THE SOUTHBOUND EDGE OF PAVEMENT AND MEDIAN DRAINAGE STRUCTURES TO THE PROPOSED DRAINAGE SYSTEM AT THE FOLLOWING LOCATIONS:

- STA. 306+04 EOP DRAINAGE STRUCTURE TO CULVERT
- STA. 306+04 MEDIAN DRAINAGE STRUCTURE TO CULVERT
- STA. 348+00
- STA. 350+01
- STA. 352+02
- STA. 355+35
- STA. 357+32
- STA. 359+78
- STA. 360+43
- STA. 361+49
- STA. 370+00

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. 290+50 42' LT	• S-15 337+44 33' LT
• S-2 STA. 301+32 55' LT	• S-16 344+60 33' LT
• S-3 STA. 306+38 50' LT	• S-17 347+90 33' LT
• S-4 STA. 307+73 47' LT	• S-18 349+91 33' LT
• S-5 STA. 308+88 46' LT	• S-19 351+92 33' LT
• S-6 STA. 309+35 5' LT	• S-20 355+25 33' LT
• S-7 STA. 313+65 38' LT	• S-21 357+22 33' LT
• S-8 STA. 317+72 33' LT	• S-22 359+68 33' LT
• S-9 STA. 327+52 33' LT	• S-23 360+21 33' LT
• S-10 STA. 328+71 33' LT	• S-24 360+53 33' LT
• S-11 STA. 329+57 33' LT	• S-25 361+58 32' LT
• S-12 STA. 329+88 33' LT	• S-26 366+64 32' LT
• S-13 STA. 330+41 33' LT	• S-27 369+90 33' LT
• S-14 STA. 334+13 33' LT	• S-28 370+00 33' LT

TEMPORARY STORM SEWER

PIPE NO. FROM STA. TO STA.

• P-1 290+50 290+40	TEMP CB TO EXIST INL
• P-2 301+32 301+22	TEMP CB TO EXIST CB
• P-3 306+38 306+28	TEMP CB TO EXIST CB
• P-4 307+73 307+83	TEMP CB TO EXIST CB
• P-5 308+88 308+98	TEMP CB TO EXIST CB
• P-6 309+35 309+68	TEMP CB TO PR CULV
• P-7 313+65 313+55	TEMP CB TO EXIST CB
• P-8 317+72 317+62	TEMP CB TO EXIST CB
• P-10 327+52 327+62	TEMP CB TO EXIST CB
• P-11 328+71 328+81	TEMP CB TO EXIST CB
• P-12 329+57 329+67	TEMP CB TO EXIST CB
• P-13 329+88 329+78	TEMP CB TO EXIST CB
• P-14 330+41 330+31	TEMP CB TO EXIST CB
• P-17 334+13 334+03	TEMP CB TO EXIST CB
• P-19 337+44 337+34	TEMP CB TO EXIST CB
• P-20 344+36	DITCH TO PR CB
• P-21 344+50 334+36	EX CB TO PR SS
• P-22 344+60 344+50	TEMP CB TO EXIST CB
• P-23 347+90 348+00	TEMP CB TO EXIST INL
• P-24 348+00	EXIST INL TO PR SS
• P-25 349+91 350+01	TEMP CB TO EXIST INL
• P-26 350+01	EXIST INL TO PR SS
• P-27 351+92 352+02	TEMP CB TO EXIST INL
• P-28 352+02	EXIST INL TO PR SS
• P-29 355+25 355+35	TEMP CB TO EXIST INL
• P-30 355+35	EXIST INL TO PR SS
• P-31 357+22 357+32	TEMP CB TO EXIST INL
• P-32 357+32	EXIST INL TO PR SS
• P-33 359+68 359+78	TEMP CB TO EXIST INL
• P-34 359+78	EXIST INL TO PR SS
• P-35 360+21 360+31	TEMP CB TO EXIST INL
• P-36 360+43	EXIST INL TO PR SS
• P-37 360+53 360+43	TEMP CB TO EXIST INL
• P-38 361+58 361+48	TEMP CB TO EXIST INL
• P-39 366+64 366+74	TEMP CB TO EXIST INL
• P-40 369+90 370+00	TEMP CB TO TEMP CB
• P-41 370+00	TEMP CB TO PR SS

PRE-STAGE (CONTINUED)

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

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

• STA. 290+40 42' LT	• STA. 360+31 33' LT
• STA. 348+00 33' LT	• STA. 360+43 33' LT
• STA. 350+01 33' LT	• STA. 361+48 32' LT
• STA. 352+02 33' LT	• STA. 366+74 32' LT
• STA. 355+35 33' LT	• STA. 371+60 33' LT
• STA. 357+32 33' LT	• STA. 376+15 33' LT
• STA. 359+78 33' LT	• STA. 379+15 33' LT

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

• STA. 301+21 55' LT	• STA. 329+67 33' LT
• STA. 306+08 50' LT	• STA. 329+78 33' LT
• STA. 307+83 47' LT	• STA. 330+31 33' LT
• STA. 308+98 46' LT	• STA. 330+31 38' LT
• STA. 309+07 45' LT	• STA. 331+82 43' LT
• STA. 313+55 38' LT	• STA. 332+11 43' LT
• STA. 317+62 33' LT	• STA. 334+03 33' LT
• STA. 327+63 33' LT	• STA. 337+34 33' LT
• STA. 328+80 33' LT	

STAGE-1

STAGE 1 WORK SHALL INCLUDE THE CONSTRUCTION OF DRAINAGE ELEMENTS WITHIN THE NORTHBOUND LANES AND EAST PARKWAY.

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

CONSTRUCT PROPOSED MAIN DRAIN STORM SEWER, LATERAL STORM SEWERS, AND INSTALL ASSOCIATED DRAINAGE STRUCTURES WITHIN THE WORK ZONE AND IN ACCORDANCE WITH THE PROPOSED DRAINAGE PLANS.

TEMPORARILY CONNECT THE EXISTING STORM SEWERS DRAINING SOUTHBOUND EDGE OF PAVEMENT AND MEDIAN DRAINAGE STRUCTURES TO THE PROPOSED DRAINAGE SYSTEM AT THE FOLLOWING LOCATIONS:

- STA. 300+78
- STA. 307+22
- STA. 312+99
- STA. 331+40

AT THE FOLLOWING LOCATIONS TEMPORARY STORM SEWER SHALL BE INSTALLED TO TEMPORARILY CONNECT EXISTING DRAINAGE STRUCTURES TO PROPOSED DRAINAGE STRUCTURES AND STORM SEWER. FOR COMPLETE DETAILS REFER TO THE EROSION CONTROL AND MOT PLANS.

TEMPORARY STORM SEWER

PIPE NO. FROM STA. TO STA.

• P-9 317+63 317+84	EXIST CB TO PR SS
• P-15 332+63 332+70	EX MH TO PR MH
• P-16 334+01	EX INL TO PR SS
• P-18 337+31 337+40	EX MH TO PR SS



FILE NAME = D160M62-SHT-DRAIN NOTES-02.dgn	USER NAME = Anthony.Plutz	DESIGNED - DLT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION	F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 154
	PLOT SCALE = 100.00' / in.	CHECKED - DLT	REVISIED -			DN-02		CONTRACT NO. 60M62		ILLINOIS FED. AID PROJECT
SHT.PLAN	PLOT DATE = 3/13/2013	DATE - 03/13/13	REVISIED -	SCALE: NONE	SHEET 2 OF 3 SHEETS	STA. 286+21.62 TO STA. 380+63.19				