



**ADDENDUM NO. 2
CITY OF PEORIA
Combined Sewer Overflow Control Project – Year 1
January 25, 2022**

Re: Addendum for Bid Package, **Combined Sewer Overflow Control Project – Year 1**, Peoria, IL

The following shall be considered part of the Contract Documents for the subject project and shall apply to all construction there under.

This Addendum includes the following revisions listed below.

PLANS SHEETS (REVISION 1)

1. Sheet 3
 - a. Revised Bituminous Mixture Table to remove binder course requirements since this is no longer applicable
2. Sheets 4-7
 - a. Added specialty items
3. Sheet 85
 - a. Revised Pavement Patching (Special) Detail.

SPECIFICATIONS (REVISION 1)

1. Page 101 – Removed the special provision for 61140400 STORM SEWERS (SPECIAL), 15”
2. Page 106-107 – Revised the special provision for X4420201 PAVEMENT PATCHING (SPECIAL)
3. Added BLR 11300
4. Added SWPPP

Sincerely,

A handwritten signature in cursive script that reads "Andrea Klopfenstein".

Andrea Klopfenstein, P.E.

GENERAL NOTES

- THE CONSTRUCTION SHALL BE GOVERNED BY THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", 2016 EDITION AND "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", 2021 EDITION.
- ALL REFERENCES TO THE "DEPARTMENT" OR "ENGINEER" IN THE I.D.O.T. STANDARD SPECIFICATIONS SHALL BE CONSTRUED TO MEAN THE OWNER OR HIS AGENT AS APPROPRIATE.
- WHERE SECTION, SUB-SECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN OWNER OR AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
- ALL SECTIONS, DETAILS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE, UNLESS OTHERWISE SHOWN.
- ALL THE ELEVATIONS, STATIONS, AND OFFSETS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- ALL REMOVALS SHALL BE FULL DEPTH SAW CUT AT THE LIMITS TO BE REMOVED. THE COST OF THE SAW CUT IS INCLUDED IN THE REMOVAL ITEM.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
- EXCESS MATERIAL, IF NOT USED FOR OTHER ON-SITE PURPOSES, SHALL BE HAULED OFF-SITE AND DISPOSED OF IN ACCORDANCE WITH STANDARD SPECIFICATION 202.03 AT CONTRACTOR'S EXPENSE.
- THE WORK AREA SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION, AND TRAFFIC.
- APPLICATION RATES:
 NUTRIENTS: 60 LB/ACRE (SODDING)
 TEMPORARY SEEDING: 100 LB/ACRE
- THE CONTRACTOR SHALL USE ANY ON SITE MATERIAL DEEMED SUITABLE BY THE ENGINEER BEFORE ANY NEW FILL IS HAULED TO THE SITE.
- CONTRACTORS BIDDING THIS PROJECT SHALL VISIT THE SITE BEFORE BIDDING.
- CONTRACTOR SHALL BE REQUIRED TO PROTECT OPEN EXCAVATIONS IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING DRAINAGE STRUCTURE CONDITIONS, LOCATIONS, PIPE SIZES, INVERTS, AND ELEVATIONS PRIOR TO ORDERING ANY PROPOSED STRUCTURES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING.

IDOT DISTRICT 4 GENERAL NOTES

406.05 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 LB/SF
EXISTING PAVEMENT	0.08 LB/SF
FOG COAT (BETWEEN LIFTS)	0.08 LB/SF

542.00 ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

602.00 EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.

606.14 TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION

TEN FEET (10 FT.) (3 M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

LEGEND

- CONTROL POINT
- EXISTING UTILITY PEDESTAL
- EXISTING GUY
- EXISTING POWER POLE
- EXISTING SIGN
- EXISTING TREE
- EXISTING R.O.W. MARKER
- EXISTING FIRE HYDRANT
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING HANDHOLE
- EXISTING TRAFFIC SIGNAL
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED TREE
- TELEPHONE
- CABLE TELEVISION
- WATERMAIN
- FIBER OPTIC
- OVERHEAD ELECTRIC
- STORM SEWER
- PROPOSED STORM SEWER
- SANITARY SEWER
- ELECTRIC
- GAS
- EXISTING R.O.W.
- FENCE

UTILITIES

- AT&T ILLINOIS AMERICAN WATER
 ATTN: WILLIAM CONOVER ATTN: TRIP BARTON
 309.686.3317 309.566.4148
- AMEREN - ELECTRIC COMCAST
 ATTN: SAMANTHA CARLYLE ATTN: MARK WABEL
 309.693.4715 309.303.2037
- AMEREN - GAS GREATER PEORIA SANITARY DISTRICT
 ATTN: ELIZABETH COOKE ATTN: JOHN BOYLE
 309.401.9000 309.678.9035
- I3 BROADBAND STRATUS
 ATTN: LUKAS DYE ATTN: BUTCH FORKELL
 309.670.0400 309.696.6349

BITUMINOUS MIXTURE REQUIREMENTS		
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:		
MIXTURE USE(S):	SURFACE COURSE PVMT PATCHING (SPCL)	BINDER COURSE PVMT PATCHING (SPCL)
AC/PG:	PG 64-28	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N-50	4.0% @ N-50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE C	N/A
QUALITY MANAGEMENT:	QC/QA	QC/QA
MIXTURE WEIGHT:	112 LB/SY/IN	112 LB/SY/IN



UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED AMONG THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS, ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

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REVIEWED	BAB	10/14/2021

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PLOT DATE = 11/17/2021	DATE - 10/29/2021	REVISIED -			SCALE: N/A	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO.	
												ILLINOIS	FED. AID PROJECT



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOAN ELIGIBLE QUANTITY	NON-ELIGIBLE QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	46	46	
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1	1	
20200100	EARTH EXCAVATION	CU YD	7,442	7,442	
20800150	TRENCH BACKFILL	CU YD	183	183	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4,332	4,332	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	52	52	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	52	52	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	52	52	
* 25200110	SODDING, SALT TOLERANT	SQ YD	4,332	4,332	
* 25200200	SUPPLEMENTAL WATERING	UNIT	60	60	
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	179	179	
28000510	INLET FILTERS	EACH	76	76	
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	707	707	
35100100	AGGREGATE BASE COURSE, TYPE A	TON	3,103	3,103	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	10,048	10,048	

* SPECIALTY ITEMS



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	DATE - 10/29/2021	REVISED -

CITY OF PEORIA

**CSO YEAR 1 IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PEORIA	114	4
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOAN ELIGIBLE QUANTITY	NON-ELIGIBLE QUANTITY
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200	200	
42001300	PROTECTIVE COAT	SQ YD	3,985	3,985	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,074	1,074	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1,183	1,183	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	9,314	7,636	1,678
42400800	DETECTABLE WARNINGS	SQ FT	417	417	
44000100	PAVEMENT REMOVAL	SQ YD	8,624	8,624	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,058	1,058	
44000300	CURB REMOVAL	FOOT	9,638	9,638	
44000600	SIDEWALK REMOVAL	SQ FT	7,518	7,518	
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	19	19	
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	4	4	
60260100	INLETS TO BE ADJUSTED	EACH	5	5	

* SPECIALTY ITEMS



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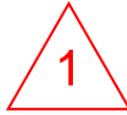
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CITY OF PEORIA

**CSO YEAR 1 IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PEORIA	114	5
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOAN ELIGIBLE QUANTITY	NON-ELIGIBLE QUANTITY
60266600	VALVE BOXES TO BE ADJUSTED	EACH	7	7	
60500040	REMOVING MANHOLES	EACH	1	1	
60500060	REMOVING INLETS	EACH	6	6	
60600605	CONCRETE CURB, TYPE B	FOOT	7,513	7,513	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2,114	2,114	
67100100	MOBILIZATION	L SUM	1	1	
* A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	13		13
* A2005960	TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION! LONDON PLANETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	13		13
* A2008616	TREE, ULMUS PARVIFOLIA (CHINESE ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	12		12
* B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5		5
* K0013020	PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT	UNIT	8.8	8.8	
K0036118	MULCH PLACEMENT 3"	SQ YD	201	201	
K1001980	RIVER ROCK, 6"	SQ YD	14	14	
X0324058	OUTLET SPECIAL	EACH	20	20	
X0325110	BIAXIAL GEOGRID	SQ YD	3,539	3,539	

* SPECIALTY ITEMS

LAYOUT	BAB	8/13/2021
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	DATE - 10/29/2021	REVISED -

CITY OF PEORIA

**CSO YEAR 1 IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PEORIA	114	6
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOAN ELIGIBLE QUANTITY	NON-ELIGIBLE QUANTITY
* X0326981	ENGINEERED SOIL FURNISH AND PLACE (SPECIAL)	CU YD	66	66	
X1200064	GEOTECHNICAL FABRIC, SPECIAL	SQ YD	10,887	10,887	
X4420201	PAVEMENT PATCHING (SPECIAL)	SQ YD	3,027	3,027	
X6020082	INLETS, TYPE G-1	EACH	2	2	
X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	8	8	
X6024502	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	EACH	12	12	
X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	1,829	1,829	
X6026200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	4	4	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
* XX005565	REMOVE AND RESET BRICK PAVERS	SQ FT	44	44	
* XX006739	CONCRETE PAVERS, TYPE A	SQ FT	29,398	29,398	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	1,204	1,204	
* PEO00001	MONITORING EQUIPMENT	EACH	6	6	
* PEO00002	STORMWATER STORAGE CHAMBER	FOOT	586	586	

* SPECIALTY ITEMS



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CITY OF PEORIA

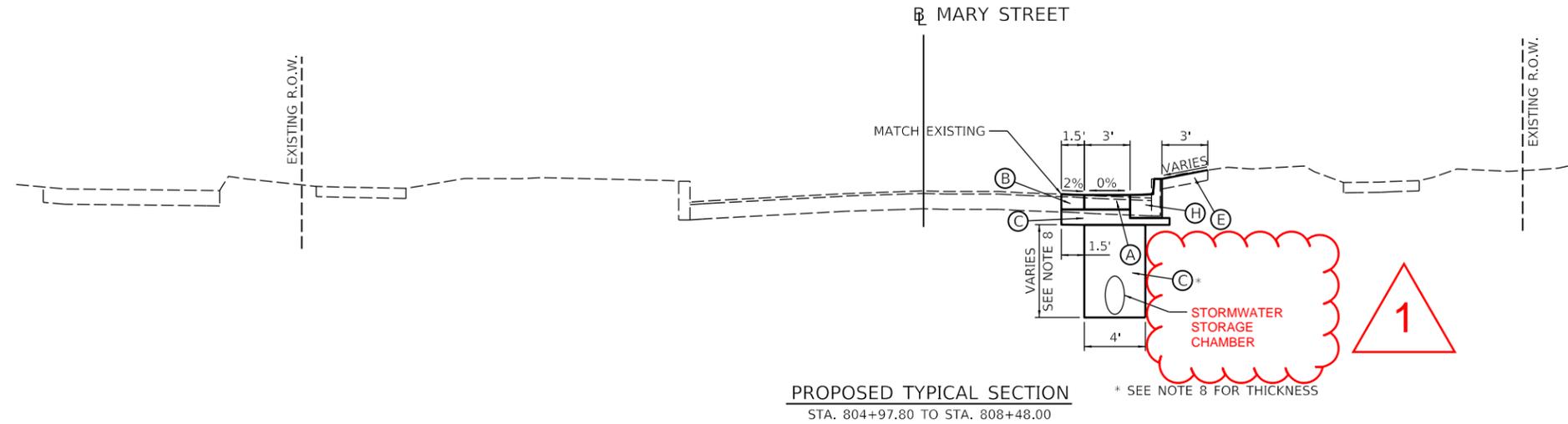
**CSO YEAR 1 IMPROVEMENTS
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PEORIA	114	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

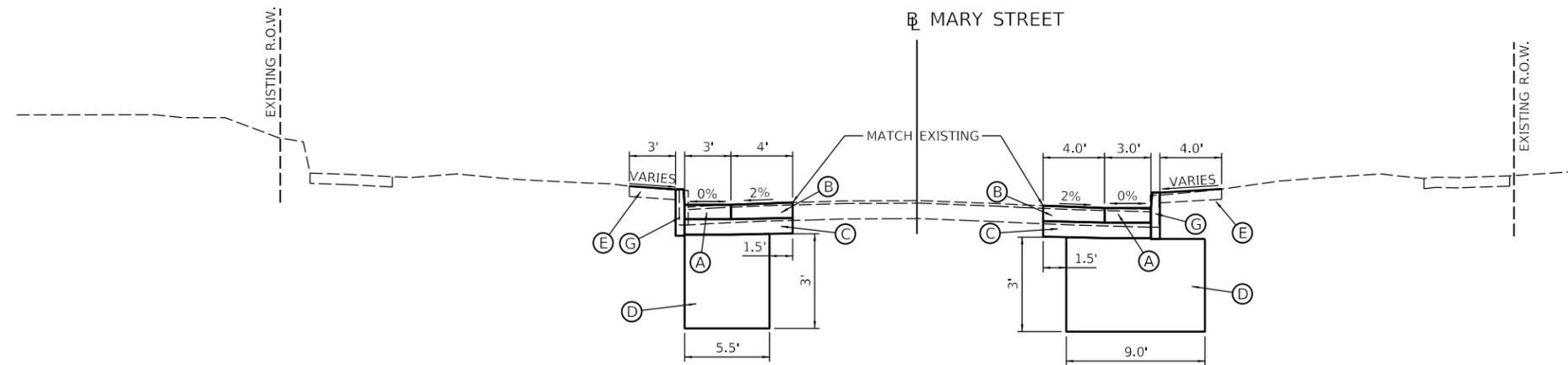
LEGEND

- (A) CONCRETE PAVERS, TYPE A
- (B) PAVEMENT PATCHING (SPECIAL), 6"
- (C) AGGREGATE BASE COURSE, TYPE A 6"
- (D) AGGREGATE BASE COURSE, TYPE B
- (E) TOPSOIL FURNISH AND PLACE, 4"
- (F) PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (G) CONCRETE CURB, TYPE B
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SEE DETAIL)
- (I) CONCRETE GUTTER (SPECIAL) (SEE DETAIL)
- (J) COMBINATION CONCRETE CURB AND SIDEWALK 4 INCH (SPECIAL)
- (K) SUBBASE GRANULAR MATERIAL, TYPE B, 4"



PROPOSED TYPICAL SECTION
 STA. 804+97.80 TO STA. 808+48.00

- NOTES:**
- SEE DETAILS FOR ADDITIONAL GRADING INFORMATION.
 - ROW LOCATIONS ARE APPROXIMATE, BASED UPON GIS INFORMATION PROVIDED BY THE CITY OF PEORIA.
 - TRANSITION THE PROPOSED PAVER SECTIONS 10' AT THE START AND END OF EACH SECTION TO MATCH THE EXISTING PAVEMENT SLOPE EXCEPT AT LOCATIONS WHERE INTERSECTION IMPROVEMENTS ARE PROPOSED. SEE INTERSECTION DETAILS FOR ELEVATIONS AND SLOPES AT THESE LOCATIONS.
 - AT LOCATIONS WHERE THE AGGREGATE BASE COURSE, TYPE A TRENCH IS OFFSET FROM THE TYPICAL 1.5' IS TO PROVIDE SEPARATION FROM EXISTING UTILITIES AND/OR WIDER INFILTRATION AREAS. THE OFFSETS MAY NEED ADJUSTED IN THE FIELD BASED UPON THE ACTUAL LOCATION OF THE UTILITIES IN THE FIELD AS APPROVED BY THE ENGINEER. SEE UTILITY SEPARATION DETAIL FOR ADDITIONAL INFORMATION.
 - THE DEPTH OF AGGREGATE BASE COURSE, TYPE B IS BASED UPON BORING INFORMATION PROVIDED BY THE GEOTECHNICAL INVESTIGATION TO ESTABLISH QUANTITIES. THE DEPTH MAY VARY DUE TO ACTUAL FIELD CONDITIONS ENCOUNTERED. THE ENGINEER SHALL APPROVE ANY CHANGES AND NOTIFY THE CONTRACTOR.
 - CURB HEIGHT SHALL BE 1.5 INCHES.
 - CURB HEIGHT SHALL BE 4 INCHES.
 - DEPTH WILL VARY BASED UPON THE INVERT ELEVATIONS OF THE PROPOSED STORMWATER STORAGE CHAMBERS. SEE PLAN AND PROFILES SHEETS FOR INVERT ELEVATIONS.



PROPOSED TYPICAL SECTION
 STA. 809+40.50 TO STA. 813+02.50

LAYOUT	BAB	8/13/2021
DRAWN	RLA	10/1/2021
REVIEWED	BAB	10/14/2021

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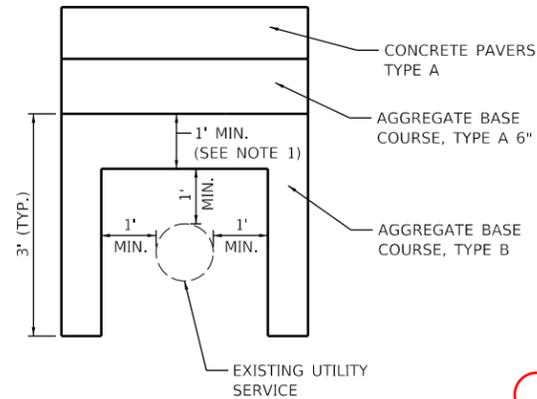
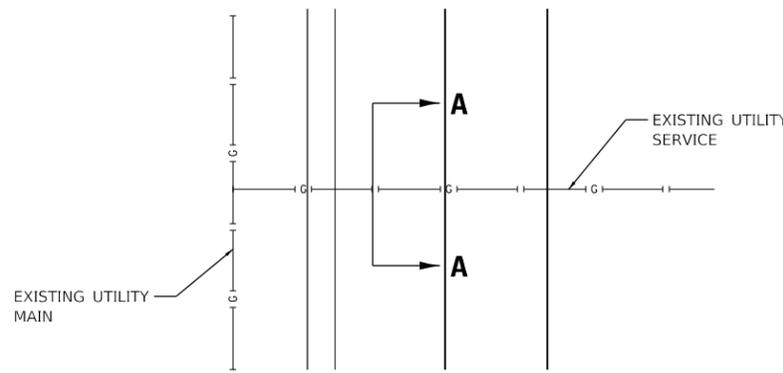
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PLOT DATE = 11/18/2021	CHECKED - BAB	REVISED -
	DATE - 10/29/2021	REVISED -

CITY OF PEORIA

**CSO YEAR 1 IMPROVEMENTS
 PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PEORIA	114	14
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

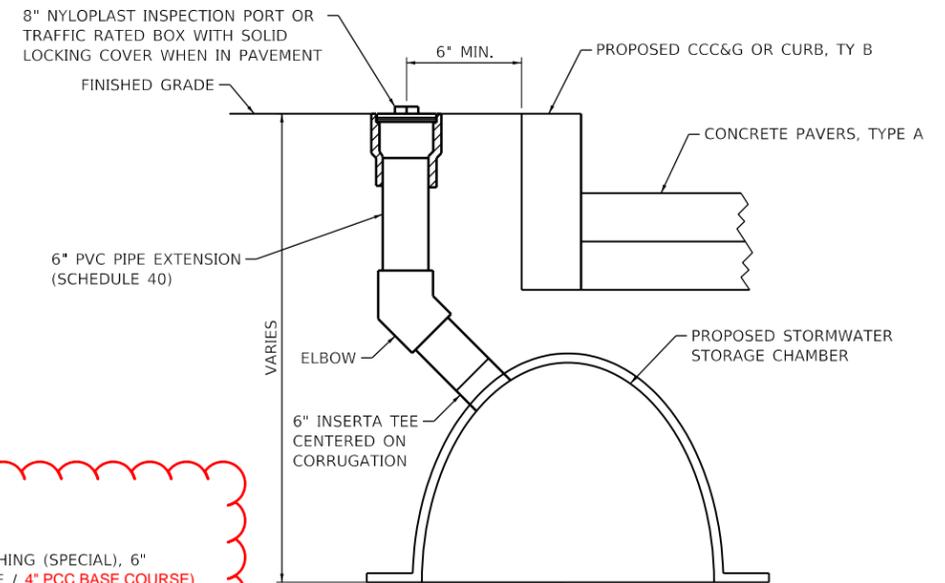


SECTION A-A

UNDERGROUND UTILITY SERVICE SEPARATION DETAIL

NOTES:

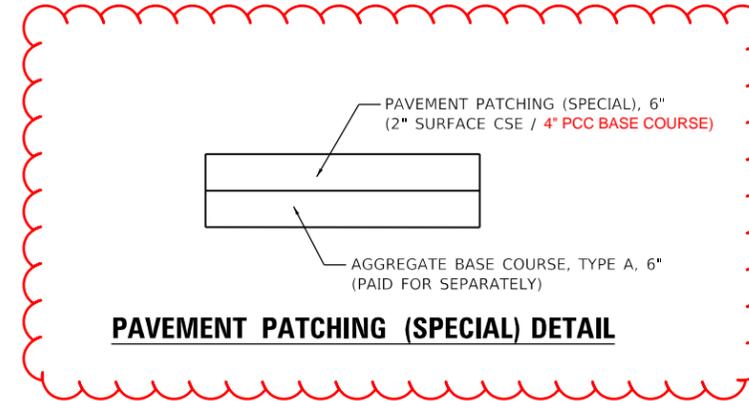
- WHERE SERVICES ARE SHALLOW AND A 1' LAYER OF AGGREGATE BASE COURSE, TYPE B CANNOT BE CONSTRUCTED, THE RESPECTIVE UTILITY SHALL ADJUST OR RELOCATE THE SERVICE LOWER IN ACCORDANCE WITH THE DETAIL.
- WHERE UNKNOWN SERVICES ARE ENCOUNTERED AND DISTURBED, THE CONTRACTOR SHALL BACKFILL AROUND THE SERVICE IN ACCORDANCE WITH THE DETAIL USING NATIVE EXCESS MATERIAL AND COMPACTED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.



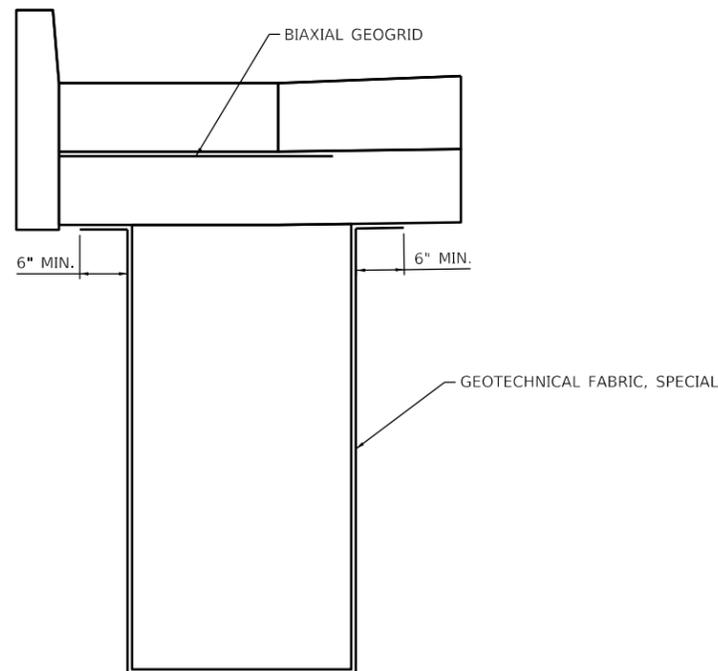
NOTES:

- THE COST OF CONSTRUCTING THE CLEANOUTS WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE STORMWATER STORAGE CHAMBER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CLEANOUT DETAIL



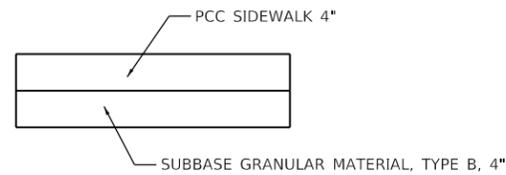
PAVEMENT PATCHING (SPECIAL) DETAIL



NOTES:

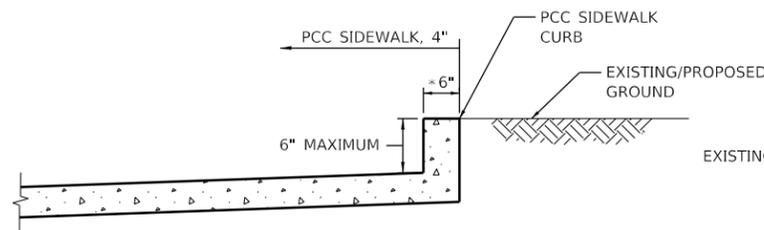
- EXTEND BIAXIAL GEOGRID A MINIMUM OF 3 INCHES PAST THE EDGE OF PAVERS ON THE SIDES ADJACENT TO THE ROADWAY PAVEMENT.

GEOGRID / GEOTECHNICAL FABRIC DETAIL



PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH DETAIL

APPLIES AT ALL SIDEWALK LOCATIONS

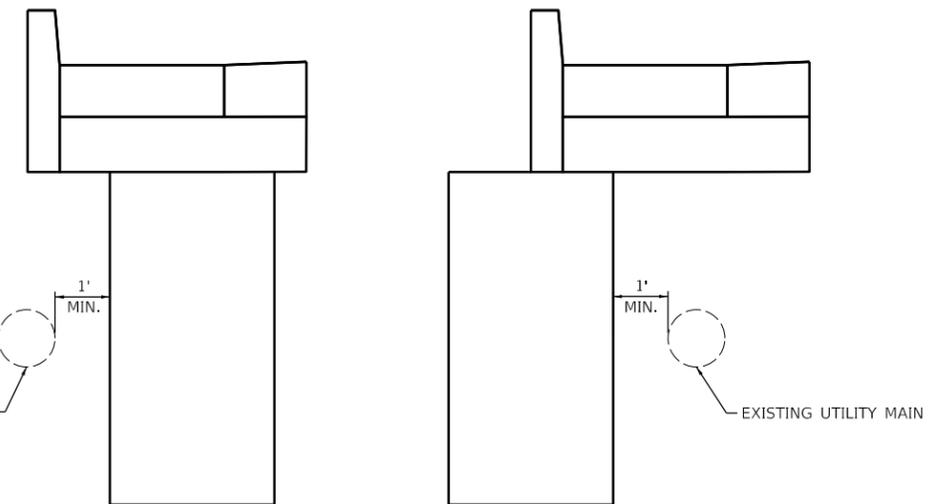


NOTES:

- SIDEWALK CURB SHALL BE POURED MONOLITHIC WITH THE SIDEWALK OR ENTRANCE.
- CURBS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE PAID FOR BASED ON PLAN VIEW SURFACE AREA OF THE CURB AND INCLUDED WITH THE ADJACENT PCC SIDEWALK PAY ITEM.

INTEGRAL SIDEWALK CURB DETAIL

(SIDEWALK LESS THAN 6" BELOW EXISTING GRADE)



UNDERGROUND UTILITY SEPARATION DETAILS

APPLIES AT ALL UTILITY MAIN LOCATIONS (GAS/WATER)
 SEE UNDERGROUND UTILITY SERVICE SEPARATION DETAIL FOR SERVICES

LAYOUT	BAB	8/13/2021
DRAWN	RLA	10/1/2021
REVIEWED	BAB	10/14/2021

MODEL: Detail
 FILE NAME: I:\Jobs\311004\CAD\Road\SheetSet_1\Sheet-D103.dwg

USER NAME = ande00846	DESIGNED - BAB	REVISED - REV 1 - 01/25/2022
PLOT SCALE = 10.00' / in.	DRAWN - RLA	REVISED -
PLOT DATE = 11/17/2021	CHECKED - BAB	REVISED -
	DATE - 10/29/2021	REVISED -

CITY OF PEORIA

**CSO YEAR 1 IMPROVEMENTS
 MISCELLANEOUS DETAILS**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PEORIA	114	85
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

Any stair removal required on the project shall be paid for as sidewalk removal and measure based upon the plan view area. Pipe handrail removal that is required shall not be paid for separately but shall be considered incidental to this work.

This work will be measured for payment and paid for at the contract unit price per square foot for SIDEWALK REMOVAL, which price shall be considered payment in full for all labor, equipment, and materials required to complete the work.

60500040 REMOVING MANHOLES

60500060 REMOVING INLETS

This work shall consist of removing storm structures in accordance with Section 605 of the Standard Specifications and as specified herein.

There may be some minor storm sewer removal required during this work. The abandoned sewers and drainage structure openings which remain shall be plugged with concrete or brick masonry plugs and filled with CLSM in a workmanlike manner and to the satisfaction of the Engineer. Storm sewer removal and the plugging of existing storm sewers or structures shall not be paid for separately but shall be included in the unit price bid for these items.

This work will be measured for payment and paid for at the contract unit price per each for REMOVING MANHOLES and REMOVING INLETS, which price shall be considered payment in full for all labor, equipment, and materials required to complete the work.



61140400 STORM SEWERS (SPECIAL), 15"

This work shall consist of constructing storm sewers in accordance with Section 550 of the Standard Specifications and as specified herein.

Pipe shall be perforated high density corrugated polyethylene highway pipe and shall meet AASHTO M294, Type C or CP, or approved equivalent.

Joints shall be made with split or snap couplings. Standard connection shall meet the soil-tightness requirements of AASHTO M252 or M294.

Fittings shall conform to AASHTO M252 or AASHTO M294.

Pipe and fittings shall be made of polyethylene compounds that comply with the cell classification 435400C, as defined and described in ASTM D3350, except that carbon black content should not exceed 4%. The pipe material shall comply with the notched constant ligament stress (NCLS) test as specified in Sections 9.5 of AASHTO M294.

Installation shall be in accordance with ASTM D2321 and manufacturer's recommended installation guidelines with the exception that minimum cover in trafficked areas shall be one foot.

Tests on soil shall be performed once per stormwater planter facility for pH and organic content. Tests for remaining parameters are required for every 500 cubic yards of soil mix, and at a minimum once per stormwater planter facility.

Compost shall be finished (aged), and composted material shall be of plant origin. Compost shall have a C:N ratio \leq 25:1.

In the event that sufficient topsoil cannot be obtained from common excavation, topsoil may be obtained from outside the limits of this project as directed by the ENGINEER.

Soil shall not be incorporated into the Work until it is approved by the Engineer.

Do not add lime to bumpout facility area or designated soil at any point during construction for any reason.

This work will be measured for payment and paid for at the contract unit price per cubic yard for ENGINEERED SOIL FURNISH AND PLACE (SPECIAL), which price shall be considered payment in full for all labor, equipment, and materials required to complete the work.

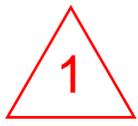
X1200064 GEOTECHNICAL FABRIC, SPECIAL

This work shall consist of furnishing and installing geotechnical fabric in accordance with Article 601.06 at the locations shown in the plans and details.

Fabric shall be Mirafi RS380i (or approved equal), a high strength, high water flow, woven monofilament or multifilament geotextile.

The contractor shall place Mirafi RS380i (or approved equal) woven monofilament or multifilament geotextile flat on subgrade and vertical sections of base aggregate free of wrinkles and overlapping a minimum of twelve inches.

This work will be measured for payment and paid for at the contract unit price per square yard for GEOTECHNICAL FABRIC, SPECIAL which price shall be considered payment in full for all labor, equipment, and materials required to complete the work.



X4420201 PAVEMENT PATCHING (SPECIAL)

This work shall consist of constructing hot-mix asphalt surface courses on a portland cement concrete base course in accordance with Sections 353 and 406 of the Standard Specifications, details in the plans, and the following additional requirements:

The pavement removal and aggregate base course in the patch areas shall be paid for separately and not included in this item of work.

Saw cutting shall not be paid for separately but shall be include in the unit price bid for PAVEMENT PATCHING (SPECIAL).

The maximum pay width shall be as shown in the plans unless approved otherwise in writing by the Engineer. Any additional width removed and patched over the maximum pay width shall not be paid for but shall be completed at the Contractor's expense.

Tack coat shall not be paid for separately but shall be include in the unit price bid for PAVEMENT PATCHING (SPECIAL). Contractor shall protect concrete paver surface from the application of the tack coat. Any overspray on the paver surface shall be cleaned or the pavers replaced at the Contractors expense.

This work will be paid for at the contract unit price per square yard for PAVEMENT PATCHING (SPECIAL), which price shall include all labor, materials and equipment necessary to perform the work as specified herein.

X6020082 INLETS, TYPE G-1

Effective October 1, 1995 Revised January 1, 2007

1

This work shall consist of furnishing all labor, equipment, and material for the construction of Type G-1 Inlets and Combination Concrete Curb and Gutter in accordance with Sections 602 and 606 of the Standard Specifications and the details in the plans.

Add "INLETS, TYPE G-1" to Article 602.16 of the Standard Specifications. Delete the first paragraph in Articles 606.14 and 606.15.

Payment for transitional Combination Concrete Curb and Gutter will be included in "INLETS, TYPE G-1" in accordance with details shown in the plans.

Method of Measurement: Inlets will be paid for as each per structure scheduled in the plans.

Basis of Payment: This work will be paid for at the contract unit price each for INLETS, TYPE G-1.

X6023508 INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE

This work shall consist of furnishing and installing Inlets of the type and frame noted on the plans including all equipment, labor, and materials for the construction of INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE in accordance with Section 602 of the Standard Specifications.

This work will be paid for at the contract unit price per each for INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE.

X6024502 INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE

This work shall consist of furnishing and installing Inlets of the type and frame noted on the plans including all equipment, labor, and materials for the construction of INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE in accordance with Section 602 of the Standard Specifications.

This work will be paid for at the contract unit price per each for INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE.

X6062400 CONCRETE GUTTER (SPECIAL)

This work shall consist of constructing concrete gutter in accordance with Section 606 of the Standard Specifications, details in the plans, and the following additional requirements:



Local Public Agency	County	Section Number
City of Peoria	Peoria	

Check this box for lettings prior to 01/01/2022.

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

Check Sheet #		Reference Page No.
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	1
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	4
3	<input type="checkbox"/> EEO	5
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	15
5	<input type="checkbox"/> Required Provisions - State Contracts	20
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	26
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	27
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	28
9	<input checked="" type="checkbox"/> Construction Layout Stakes	29
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	32
11	<input type="checkbox"/> Subsealing of Concrete Pavements	34
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	38
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	40
14	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	41
15	<input type="checkbox"/> Polymer Concrete	43
16	<input type="checkbox"/> PVC Pipeliner	45
17	<input type="checkbox"/> Bicycle Racks	46
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	48
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	50
20	<input type="checkbox"/> English Substitution of Metric Bolts	51
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	52
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	53
23	<input checked="" type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	61
24	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	77
25	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment (A-1)	79
26	<input type="checkbox"/> Temporary Raised Pavement Markers	85
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	86
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	89
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	93
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	96
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	98
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	99

Local Public Agency

County

Section Number

City of Peoria

Peoria

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	Reserved	101
LRS 2	<input type="checkbox"/> Furnished Excavation	102
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	103
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	104
LRS 5	<input checked="" type="checkbox"/> Contract Claims	105
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	106
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	112
LRS 8	Reserved	118
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	119
LRS 10	Reserved	123
LRS 11	<input checked="" type="checkbox"/> Employment Practices	124
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	126
LRS 13	<input type="checkbox"/> Selection of Labor	128
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	129
LRS 15	<input type="checkbox"/> Partial Payments	132
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	133
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	134
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	135
LRS 19	<input type="checkbox"/> Reflective Crack Control Treatment	136



Route Various Routes	Marked Route	Section Number
Project Number	County Peoria	Contract Number

This plan has been prepared to comply with the provisions of the National Pollutant Discharge Elimination System (NPDES) Permit No. ILR10 (Permit ILR10), issued by the Illinois Environmental Protection Agency (IEPA) for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature <i>Andrea Klopfenstein</i>	Date 1/25/2022
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Print Name Andrea Klopfenstein	Title City Engineer	Agency City of Peoria
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Note: Guidance on preparing each section of BDE 2342 can be found in Chapter 41 of the IDOT Bureau of Design and Environment (BDE) Manual. Chapter 41 and this form also reference the IDOT Drainage Manual which should be readily available.

I. Site Description:

A. Provide a description of the project location; include latitude and longitude, section, town, and range:

The project limits are as follows: Laveille St from Perry Ave to Jefferson St, Caroline St from Glendale Ave to Adams St, Mary St from Perry Ave to Adams St, Monroe St from Mary St to Cornhill St, Glendale Ave from Caroline St to Mary St. These streets are all on the southeast edge of the City of Peoria. The project is in the northeast quarter of Section 3 of Township 8 North, Range 8 East of the of the 3rd Principal Meridian. The approximate midpoint of the project is at the latitude and longitude of: 40°42'19.5"N 89°34'32.8"W

B. Provide a description of the construction activity which is the subject of this plan. Include the number of construction stages, drainage improvements, in-stream work, installation, maintenance, removal of erosion measures, and permanent stabilization:

The project will consist of adding in permeable pavers along the side of the roadway, new storm sewer with perforated pipes and infiltration trenches, rainwater gardens, with the adjacent curbs, sidewalks & driveways being replaced as needed. Areas that are to be disturbed will be sodded at the end of the project No in-stream work is proposed as part of this project. The project will be done in one continuous phase as it progressed throughout the neighborhood.

C. Provide the estimated duration of this project:

Construction is projected to start April 2022 and end in November 2022, for a total construction time of approximately 8 months.

D. The total area of the construction site is estimated to be 3 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 2.5 acres.

E. The following are weighted averages of the runoff coefficient for this project before and after construction activities are completed; see Section 4-102 of the IDOT Drainage Manual:

The runoff number for the existing conditions is 0.60

The runoff number for the proposed conditions is 0.60

F. List all soils found within project boundaries; include map unit name, slope information, and erosivity:

224D2—Strawn silt loam, 10 to 18 percent slopes, eroded
533—Urban land
672B—Crescent loam, 2 to 5 percent slopes
802B—Orthents, loamy, undulating

G. If wetlands were delineated for this project, provide an extent of wetland acreage at the site; see Phase I report:

N/A

H. Provide a description of potentially erosive areas associated with this project:

The project area is relatively flat, but involves the cutting of open ground to install concrete pavers, sidewalks and driveways. These types of areas are prone to tracking or eroding sediment into storm drains and streams until proper cover is established.

I. The following is a description of soil disturbing activities by stages, their locations, and their erosive factors (e.g., steepness of slopes, length of slopes, etc.):

The work will maintain access to residences and minimize impacts. The general sequence of construction will be as follows: remove existing pavement, install storm sewer, install pavers, patching and other pavement, and finally install plantings in rainwater gardens,

J. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent offsite sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands), and locations where storm water is discharged to surface water including wetlands.

K. Identify who owns the drainage system (municipality or agency) this project will drain into:

City of Peoria

L. The following is a list of General NPDES ILR40 permittees within whose reporting jurisdiction this project is located:

City of Peoria

M. The following is a list of receiving water(s) and the ultimate receiving water(s) for this site. In addition, include receiving waters that are listed as Biologically Significant Streams by the Illinois Department of Natural Resources (IDNR). The location of the receiving waters can be found on the erosion and sediment control plans:

Illinois River

N. Describe areas of the site that are to be protected or remain undisturbed. These areas may include steep slopes (i.e., 1:3 or steeper), highly erodible soils, streams, stream buffers, specimen trees, natural vegetation, nature preserves, etc. Include any commitments or requirements to protect adjacent wetlands.

For any storm water discharges from construction activities within 50-feet of Waters of the U.S. (except for activities for water-dependent structures authorized by a Section 404 permit, describe: a) How a 50-foot undisturbed natural buffer will be provided between the construction activity and the Waters of the U.S. or b) How additional erosion and sediment controls will be provided within that area.

N/A

O. Per the Phase I document, the following sensitive environmental resources are associated with this project and may have the potential to be impacted by the proposed development. Further guidance on these resources is available in Section 41-4 of the BDE Manual.

N/A

303(d) Listed receiving waters for suspended solids, turbidity, or siltation.
The name(s) of the listed water body, and identification of all pollutants causing impairment:

Provide a description of how erosion and sediment control practices will prevent a discharge of sediment resulting from a storm event equal to or greater than a twenty-five (25) year, twenty-four (24) hour rainfall event:

Provide a description of the location(s) of direct discharge from the project site to the 303(d) water body:

Provide a description of the location(s) of any dewatering discharges to the MS4 and/or water body:

Applicable Federal, Tribal, State, or Local Programs

Floodplain

Historic Preservation

Receiving waters with Total Maximum Daily Load (TMDL) for sediment, total suspended solids, turbidity or siltation

TMDL (fill out this section if checked above)

The name(s) of the listed water body:

Provide a description of the erosion and sediment control strategy that will be incorporated into the site design that is consistent with the assumptions and requirements of the TMDL:

If a specific numeric waste load allocation has been established that would apply to the project's discharges, provide a description of the necessary steps to meet that allocation:

Threatened and Endangered Species/Illinois Natural Areas (INAI)/Nature Preserves

Other

Wetland

P. The following pollutants of concern will be associated with this construction project:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Antifreeze / Coolants | <input checked="" type="checkbox"/> Solid Waste Debris |
| <input checked="" type="checkbox"/> Concrete | <input checked="" type="checkbox"/> Solvents |
| <input checked="" type="checkbox"/> Concrete Curing Compounds | <input checked="" type="checkbox"/> Waste water from cleaning construction equipments |
| <input checked="" type="checkbox"/> Concrete Truck Waste | <input type="checkbox"/> Other (Specify) _____ |
| <input checked="" type="checkbox"/> Fertilizers / Pesticides | <input type="checkbox"/> Other (Specify) _____ |
| <input checked="" type="checkbox"/> Paints | <input type="checkbox"/> Other (Specify) _____ |
| <input checked="" type="checkbox"/> Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids) | <input type="checkbox"/> Other (Specify) _____ |
| <input checked="" type="checkbox"/> Soil Sediment | <input type="checkbox"/> Other (Specify) _____ |

II. Controls:

This section of the plan addresses the controls that will be implemented for each of the major construction activities described in Section I.C above and for all use areas, borrow sites, and waste sites. For each measure discussed, the Contractor will be responsible for its implementation as indicated. The Contractor shall provide to the Resident Engineer a plan for the implementation of the measures indicated. The Contractor, and subcontractors, will notify the Resident Engineer of any proposed changes, maintenance, or modifications to keep construction activities compliant with the Permit ILR10. Each such Contractor has signed the required certification on forms which are attached to, and are a part of, this plan:

A. **Erosion and Sediment Controls:** At a minimum, controls must be coordinated, installed and maintained to:

1. Minimize the amount of soil exposed during construction activity;
2. Minimize the disturbance of steep slopes;
3. Maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible;
4. Minimize soil compaction and, unless infeasible, preserve topsoil.

B. **Stabilization Practices:** Provided below is a description of interim and permanent stabilization practices, including site- specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided below in II.B.1 and II.B.2, stabilization measures shall be initiated **immediately** where construction activities have temporarily or permanently ceased, but in no case more than **one (1) day** after the construction activity in that portion of the site has temporarily or permanently ceases on all disturbed portions of the site where construction will not occur for a period of fourteen (14) or more calendar days.

1. Where the initiation of stabilization measures is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.
2. On areas where construction activity has temporarily ceased and will resume after fourteen (14) days, a temporary stabilization method can be used.

The following stabilization practices will be used for this project:

- | | |
|--|--|
| <input type="checkbox"/> Erosion Control Blanket / Mulching | <input type="checkbox"/> Temporary Turf (Seeding, Class 7) |
| <input type="checkbox"/> Geotextiles | <input type="checkbox"/> Temporary Mulching |
| <input type="checkbox"/> Permanent Seeding | <input type="checkbox"/> Vegetated Buffer Strips |
| <input checked="" type="checkbox"/> Preservation of Mature Seeding | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Protection of Trees | <input type="checkbox"/> Other (Specify) _____ |
| <input checked="" type="checkbox"/> Sodding | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Temporary Erosion Control Seeding | <input type="checkbox"/> Other (Specify) _____ |

Describe how the stabilization practices listed above will be utilized during construction:

Wherever possible soil will be left with existing vegetation to prevent erosion.

Describe how the stabilization practices listed above will be utilized after construction activities have been completed:

At the end of soil disturbing activating, disturbed soils will be covered as designated on the final improvement plans to permanently stabilize the soil as soon as practical.

C. **Structural Practices:** Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include but are not limited to: perimeter erosion barrier, earth dikes, drainage swales, sediment traps, ditch checks, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

- | | |
|--|--|
| <input type="checkbox"/> Aggregate Ditch | <input type="checkbox"/> Stabilized Construction Exits |
| <input type="checkbox"/> Concrete Revetment Mats | <input type="checkbox"/> Stabilized Trench Flow |
| <input type="checkbox"/> Dust Suppression | <input type="checkbox"/> Slope Mattress |
| <input type="checkbox"/> Dewatering Filtering | <input type="checkbox"/> Slope Walls |
| <input type="checkbox"/> Gabions | <input type="checkbox"/> Temporary Ditch Check |

- | | |
|--|---|
| <input type="checkbox"/> In-Stream or Wetland Work | <input type="checkbox"/> Temporary Pipe Slope Drain |
| <input type="checkbox"/> Level Spreaders | <input type="checkbox"/> Temporary Sediment Basin |
| <input type="checkbox"/> Paved Ditch | <input type="checkbox"/> Temporary Stream Crossing |
| <input type="checkbox"/> Permanent Check Dams | <input type="checkbox"/> Turf Reinforcement Mats |
| <input type="checkbox"/> Perimeter Erosion Barrier | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Permanent Sediment Basin | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Retaining Walls | <input type="checkbox"/> Other (Specify) _____ |
| <input checked="" type="checkbox"/> Riprap | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Rock Outlet Protection | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Sediment Trap | <input type="checkbox"/> Other (Specify) _____ |
| <input checked="" type="checkbox"/> Storm Drain Inlet Protection | <input type="checkbox"/> Other (Specify) _____ |

Describe how the structural practices listed above will be utilized during construction:

Storm Storm drain inlet protection shall be installed as shown on the final improvement plans or in all structures or pipes that could possibly accumulate sediment. These temporary measures must be installed prior to and be maintained during soil disturbing activities and be in place until the soil is permanently stabilized.

Describe how the structural practices listed above will be utilized after construction activities have been completed:

Riprap is to be installed at the curb outlets as shown on the final improvement plans or where needed.

D. Treatment Chemicals

Will polymer flocculants or treatment chemicals be utilized on this project: Yes No

If yes above, identify where and how polymer flocculants or treatment chemicals will be utilized on this project.

E. Permanent (i.e., Post-Construction) Storm Water Management Controls: Provided below is a description of measures that will be installed during the construction process to control volume and pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act.

- Such practices may include but are not limited to: storm water detention structures (including wet ponds), storm water retention structures, flow attenuation by use of open vegetated swales and natural depressions, infiltration of runoff on site, and sequential systems (which combine several practices).

The practices selected for implementation were determined based on the technical guidance in Chapter 41 (Construction Site Storm Water Pollution Control) of the IDOT BDE Manual. If practices other than those discussed in Chapter 41 are selected for implementation or if practices are applied to situations different from those covered in Chapter 41, the technical basis for such decisions will be explained below.

- Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., maintenance of hydrologic conditions such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Description of permanent storm water management controls:

Aggregate infiltration trenches beneath permeable pavers will be installed as shown on the final improvement plans.

F. Approved State or Local Laws: The management practices, controls and provisions contained in this plan will be in accordance with IDOT specifications, which are at least as protective as the requirements contained in the IEPA's Illinois Urban Manual. Procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials shall be described or incorporated by reference in the space provided below. Requirements specified in sediment and erosion site plans, site permits, storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI, to be authorized to discharge under the Permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

Description of procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials:

G. Contractor Required Submittals: Prior to conducting any professional services at the site covered by this plan, the Contractor and each subcontractor responsible for compliance with the permit shall submit to the Resident Engineer a Contractor Certification Statement, BDE 2342A.

1. The Contractor shall provide a construction schedule containing an adequate level of detail to show major activities with implementation of pollution prevention BMPs, including the following items:
 - Approximate duration of the project, including each stage of the project
 - Rainy season, dry season, and winter shutdown dates
 - Temporary stabilization measures to be employed by contract phases
 - Mobilization time-frame
 - Mass clearing and grubbing/roadside clearing dates
 - Deployment of Erosion Control Practices
 - Deployment of Sediment Control Practices (including stabilized cons

 - Deployment of Construction Site Management Practices (including concrete washout facilities, chemical storage, refueling locations, etc.)
 - Paving, saw-cutting, and any other pavement related operations
 - Major planned stockpiling operation
 - Time frame for other significant long-term operations or activities that may plan non-storm water discharges as dewatering, grinding, etc
 - Permanent stabilization activities for each area of the project
2. During the pre-construction meeting, the Contractor and each subcontractor shall provide, as an attachment to their signed Contractor Certification Statement, a discussion of how they will comply with the requirements of the permit in regard to the following items and provide a graphical representation showing location and type of BMPs to be used when applicable:
 - Temporary Ditch Checks - Identify what type and the source of Temporary Ditch Checks that will be installed as part of the project. The installation details will then be included with the SWPPP.
 - Vehicle Entrances and Exits - Identify type and location of stabilized construction entrances and exits to be used and how they will be maintained.
 - Material Delivery, Storage and Use - Discuss where and how materials including chemicals, concrete curing compounds, petroleum products, etc. will be stored for this project.
 - Stockpile Management - Identify the location of both on-site and off-site stockpiles. Discuss what BMPs will be used to prevent pollution of storm water from stockpiles.
 - Waste Disposal - Discuss methods of waste disposal that will be used for this project.
 - Spill Prevention and Control - Discuss steps that will be taken in the event of a material spill (chemicals, concrete curing compounds, petroleum, etc.)
 - Concrete Residuals and Washout Wastes - Discuss the location and type of concrete washout facilities to be used on this project and how they will be signed and maintained.
 - Litter Management - Discuss how litter will be maintained for this project (education of employees, number of dumpsters, frequency of dumpster pick-up, etc.).
 - Vehicle and Equipment Fueling - Identify equipment fueling locations for this project and what BMPs will be used to ensure containment and spill prevention.
 - Vehicle and Equipment Cleaning and Maintenance - Identify where equipment cleaning and maintenance locations for this project and what BMPs will be used to ensure containment and spill prevention.
 - Dewatering Activities - Identify the controls which will be used during dewatering operations to ensure sediments will not leave the construction site.
 - Polymer Flocculants and Treatment Chemicals - Identify the use and dosage of treatment chemicals and provide the Resident Engineer with Material Safety Data Sheets. Describe procedures on how the chemicals will be used and identify who will be responsible for the use and application of these chemicals. The selected individual must be trained on the established procedures.
 - Additional measures indicated in the plan.

III. Maintenance:

When requested by the Contractor, the Resident Engineer will provide general maintenance guides (e.g., IDOT Erosion and Sediment Control Field Guide) to the Contractor for the practices associated with this project. Describe how all items will be checked for structural integrity, sediment accumulation and functionality. Any damage or undermining shall be repaired immediately. Provide specifics on how repairs will be made. The following additional procedures will be used to maintain, in good and effective operating conditions, the vegetation, erosion and sediment control measures and other protective measures identified in this plan. It will be the Contractor's responsibility to attain maintenance guidelines for any manufactured BMPs which are to be installed and maintained per manufacture's

specifications.

IV. Inspections:

Qualified personnel shall inspect disturbed areas of the construction site including Borrow, Waste, and Use Areas, which have not yet been finally stabilized, structural control measures, and locations where vehicles and equipment enter and exit the site using IDOT Storm Water Pollution Prevention Plan Erosion Control Inspection Report, BC 2259. Such inspections shall be conducted at least once every seven (7) calendar days and within twenty-four (24) hours of the end of a storm or by the end of the following business or work day that is 0.5 inch or greater or equivalent snowfall.

Inspections may be reduced to once per month when construction activities have ceased due to frozen conditions. Weekly inspections will recommence when construction activities are conducted, or if there is 0.5" or greater rain event, or a discharge due to snowmelt occurs.

If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer shall notify the appropriate IEPA Field Operations Section office by email at: epa.swnoncomp@illinois.gov, telephone or fax within twenty-four (24) hours of the incident. The Resident Engineer shall then complete and submit an "Incidence of Non-Compliance" (ION) report for the identified violation within five (5) days of the incident. The Resident Engineer shall use forms provided by IEPA and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of non-compliance shall be signed by a responsible authority in accordance with Part VI. G of the Permit ILR10.

The Incidence of Non-Compliance shall be mailed to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Compliance Assurance Section
1021 North Grand East
Post Office Box 19276
Springfield, Illinois 62794-9276

V. Failure to Comply:

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of a National Pollutant Discharge Elimination System/Erosion and Sediment Control Deficiency Deduction against the Contractor and/or penalties under the Permit ILR10 which could be passed on to the Contractor.