



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 21, 2016

SUBJECT: FAP Route 631 (IL 102)
Project ACHSIP-0631(018)
Section 111N-1
Will County
Contract No. 62A65
Item No. 20, July 29, 2016 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Replaced the Schedule of Prices
2. Revised page ii of the Table of Contents to the Special Provisions
3. Added pages 109-118 to the Special Provisions
4. Revised sheets 1, 2, 3, 5 and 6 of the Plans
5. Added sheet 2A to the Plans

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Maureen M. Addis, P.E.
Acting Bureau Chief of Design & Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' followed by a small 'P.E.'.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: J.A. Fortmann, Region 1, District 1; Tim Kell; Estimates

MS/kf

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

62A65

State Job # - C-91-284-15

County Name - WILL - -
 Code - 197 - -
 District - 1 - -
 Section Number - 111N-I

Project Number
 ACHSIP-0631/018/
 *REVISED: JULY 20, 2016

Route
 FAP 631

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0326898	CENTERLN RUM STRIP 16	FOOT	46,800.000				
*ADD X0327980	PAVMT MRKG REM WTR BL	SQ FT	100.000				
X2010200	TREE LIMB REM OVER 10	EACH	5.000				
X2020110	GRADING & SHAP SHLDRS	UNIT	457.000				
X7800815	HS THPL PM LN 4	FOOT	55,575.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018500	DRAINAGE STR CLEANED	EACH	3.000				
Z0030850	TEMP INFO SIGNING	SQ FT	51.400				
Z0064800	SELECTIVE CLEARING	UNIT	79.000				
Z0076600	TRAINEES	HOUR	500.000		0.800		400.000
Z0076604	TRAINEES TPG	HOUR	500.000		15.000		7,500.000
20100110	TREE REMOV 6-15	UNIT	720.000				
20100210	TREE REMOV OVER 15	UNIT	490.000				
20200100	EARTH EXCAVATION	CU YD	5,270.000				
20201200	REM & DISP UNS MATL	CU YD	3,614.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*REV 21001000	GEOTECH FAB F/GR STAB	SQ YD	5,202.000				
*REV 21101615	TOPSOIL F & P 4	SQ YD	9,680.000				
*REV 25000210	SEEDING CL 2A	ACRE	2.000				
*REV 25000400	NITROGEN FERT NUTR	POUND	220.000				
*REV 25000500	PHOSPHORUS FERT NUTR	POUND	220.000				
*REV 25000600	POTASSIUM FERT NUTR	POUND	220.000				
*REV 25100630	EROSION CONTR BLANKET	SQ YD	9,680.000				
*DEL 28000305	TEMP DITCH CHECKS	FOOT	1,000.000				
*REV 28000400	PERIMETER EROS BAR	FOOT	1,950.000				
28000510	INLET FILTERS	EACH	10.000				
30300001	AGG SUBGRADE IMPROVE	CU YD	1,156.000				
*REV 40600290	BIT MATLS TACK CT	POUND	20,514.000				
40600400	MIX CR JTS FLANGEWYS	TON	23.500				
40601005	HMA REPL OVER PATCH	TON	130.000				
40603335	HMA SC "D" N50	TON	1,748.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44000157	HMA SURF REM 2	SQ YD	15,600.000				
44002212	HMA RM OV PATCH 3	SQ YD	770.000				
*REV 44004250	PAVED SHLD REMOVAL	SQ YD	10,130.000				
44201765	CL D PATCH T2 10	SQ YD	400.000				
44201769	CL D PATCH T3 10	SQ YD	300.000				
*REV 48203029	HMA SHOULDERS 8	SQ YD	40,520.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	10.000				
63200310	GUARDRAIL REMOV	FOOT	200.000				
64200108	SHOULDER RUM STRIP 8	FOOT	77,450.000				
66900200	NON SPL WASTE DISPOSL	CU YD	300.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	10.000				
67000400	ENGR FIELD OFFICE A	CAL MO	12.000				
67100100	MOBILIZATION	L SUM	1.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70100500	TRAF CONT-PROT 701326	L SUM	1.000				
70100600	TRAF CONT-PROT 701336	L SUM	1.000				
70102622	TR CONT & PROT 701502	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	281,529.000				
70300150	SHRT TRM PAVT MK REM	SQ FT	94,843.000				
78000200	THPL PVT MK LINE 4	FOOT	91,977.600				
78000400	THPL PVT MK LINE 6	FOOT	100.000				
78000650	THPL PVT MK LINE 24	FOOT	100.000				
78100100	RAISED REFL PAVT MKR	EACH	1,000.000				
78300200	RAISED REF PVT MK REM	EACH	1,000.000				

CONTRACT NUMBER

62A65

THIS IS THE TOTAL BID

\$ _____

NOTES:

- 1. Each PAY ITEM should have a UNIT PRICE and a TOTAL PRICE.**
- 2. The UNIT PRICE shall govern if no TOTAL PRICE is shown or if there is a discrepancy between the product of the UNIT PRICE multiplied by the QUANTITY.**
- 3. If a UNIT PRICE is omitted, the TOTAL PRICE will be divided by the QUANTITY in order to establish a UNIT PRICE.**
- 4. A bid may be declared UNACCEPTABLE if neither a unit price nor a total price is shown.**

WORKING DAYS (BDE)..... 105
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID)..... 106
SWPPP 109

Revised 7/21/16

SWPPP



Storm Water Pollution Prevention Plan



Route FAP 631	Marked Route IL 102	Section 111N-I
Project Number C-91-284-15	County WILL	Contract Number 62A65

This plan has been prepared to comply with the provisions of the National Pollutant Discharge Elimination System (NPDES) Permit No. ILR10 (Permit ILR10), issues 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.

Print Name John Fortman	Title Regional Engineer	Agency IDOT
Signature 	Date 7-13-16	

I. Site Description

A. Provide a description of the project location (include latitude and longitude):

This project begins at a point on the centerline at the east leg of the intersection of IL 102 and John St. (Latitude: 41°17' 20", Longitude: -88°08' 03") and proceeds in an South-Easterly direction for 8.73 miles. The project ends at the Kankakee County Line (Latitude: 41°12' 46", Longitude: -88°00' 43"). The project is located within the City of Wilmington unincorporated Will County, from Section 17, Town 33N, Range 9E to Section 8, Town 32N, Range 10E.

The design, installation, and maintenance of BMPs at these locations are within an area where annual erosivity (R value) is less than or equal to 160. Erosivity is less than 5 in all two-week periods between October 12 and April 15, which would qualify for a construction rainfall erosivity waiver under the US Construction General Permit requirements. At these locations, erosivity is highest in spring to autumn, April 16 - October 11.

B. Provide a description of the construction activity which is subject of this plan:

The work to be performed under this contract will consist of guardrail removal installation of new guardrail end sections, paved shoulder removal, installation of hot-mix asphalt shoulders, hot-mix asphalt surface removal, resurfacing with hot-mix asphalt surface course, placement of thermoplastic pavement markings, installation of raised reflective pavement markers, installation of shoulder and centerline rumble strips, and all incidental and collateral work necessary to complete the project as shown in the plans and as described in the specifications and special provisions. This Project will be completed in 1 construction stage with work on one side at a time. Erosion Control measures will be used such as Erosion Control Blanket, Perimeter Erosion Barrier and temporary ditch checks. Temporary measures will be removed after construction once disturbed areas have been permanently stabilized.

C. Provide the estimated duration of this project:

This project is estimated to require 65 working days and is expected to take about 6 months to complete.

- D. The total area of the construction site is estimated to be 66.5 acres.
 The total area of the site estimated to be disturbed by excavation, grading or other activities is 16.9 acres.
- E. The following is a weighted average of the runoff coefficient for this project after construction activities are completed:

Asphalt: 31.67 acres, C = 0.83
 Aggregate: 1.742 acres, C = 0.48
 Loam (Light Vegetation): 33.1 acres, C = 0.28

Weighted Average:
 $C = ((31.67 \times 0.83) + (1.742 \times 0.48) + (33.1 \times 0.28)) / (66.5)$
 C = 0.547(Proposed)

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

49A - Watseka Loamy Fine Sand, 0 to 2% slopes, K = 0.02
 88B - Sparta Loamy Fine Sand, 1 to 6% slopes, K = 0.02
 88D - Sparta Loamy Fine Sand, 6 to 12% slopes, K = 0.02
 98B - Ade Loamy Fine Sand, 1 to 6% slopes, K = 0.02
 102A - La Hogue Loam, 0 to 2% slopes, K = 0.24
 150B - Onarga Fine Sandy Loam, 2 to 5% slopes, K = 0.24
 150C2 - Onarga Fine Sandy Loam, 5 to 10% slopes, eroded, K = 0.20
 151A - Ridgeville Fine Sandy Loam, 0 to 2% slopes, K = 0.24
 184A - Roby Fine Sandy Loam, 0 to 2% slopes, K = 0.24
 201A - Gilford Fine Sandy Loam, 0 to 2%, K = 0.15
 311C - Ritchey Silt Loam, 4 to 6% slopes, K = 0.37
 311D - Ritchey Silt Loam, 6 to 12% slopes, K = 0.37
 314A - Joliet Silt Loam, 0 to 2% slopes, K = 0.37
 327B - Fox Silt Loam, 2 to 4% slopes, K = 0.37
 369A - Waupecan Silt Loam, 2 to 4% slopes, K = 0.32
 369B - Waupecan Silt Loam, 2 to 4% slopes, K = 0.37
 387B - Ockley Loam, 2 to 4% slopes, K = 0.32
 403D - Elizabeth Silt Loam, 6 to 12% slopes, K = 0.32
 403E - Elizabeth Silt Loam, 20 to 30% slopes, K = 0.37
 403F - Elizabeth Silt Loam, 20 to 30% slopes, K = 0.37
 513A - Granby Fine Sandy Loam, 0 to 2% slopes, K = 0.17
 526A - Grundelein Silt Loam, 0 to 2% slopes, K = 0.32
 570B - Martinsville Loam, 2 to 4% slopes, K = 0.37
 570C2 - Martinsville Loam, 4 to 6% slopes, eroded, K = 0.32
 570D2 - Martinsville Loam, 6 to 12% slopes, eroded, K = 0.32
 688B - Braidwood Loam, 1 to 7% slopes, K = 0.32
 688D - Braidwood Loam, 7 to 20% slopes, K = 0.32
 688G - Braidwood Loam, 20 to 70% slopes, K = 0.28
 719A - Symerton Fine Sandy Loam, 0 to 2% slopes, K = 0.24
 719B - Symerton Fine Sandy Loam, 2 to 5% slopes, K = 0.24
 719C2 - Symerton Fine Sandy Loam, 5 to 10% slopes, eroded, K = 0.24
 741B - Oakville fine sand, 1 to 6% slopes, K = 0.02
 741D - Oakville Fine Sand, 6 to 12% slopes, K = 0.02
 741E - Oakville Fine Sand, 12 to 20% slopes, K = 0.02
 792A - Bowes Silt Loam, 0 to 2% slopes, K = 0.37
 792B - Bowes Silt Loam, 2 to 4% slopes, K = 0.32
 3107A - Sawmill Silty Clay Loam, 0 to 2% slopes, frequently flooded, K = 0.24
 3451A - Lawson Silt Loam, 0 to 2% slopes, frequently flooded, K = 0.32

- G. Provide an aerial extent of wetland acreage at the site:
 There are no wetlands within the project corridor that will be impacted
- H. Provide a description of potentially erosive areas associated with this project:
 The erosive areas for this project include the area under the removed existing HMA shoulders and areas excavated for the proposed HMA shoulder and to regrade the foreslopes.
- 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 existing HMA shoulders will be removed and the exposed ground will be graded at 4% (up to 8% for super elevated curves) for the proposed 4' HMA shoulders. The foreslopes will then be graded to match the proposed grade elevation of the new HMA shoulder. These will be graded at 3:1 slopes, but may be increased to 2.5:1 and 2:1 in some locations in order to contain the earthwork to within state ROW. In locations marked on the plans guardrail end sections will be removed and replaced.
- 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 off site 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:
 Illinois Department of Transportation
- L. The following is a list of General NPDES ILR40 permittees within whose reporting jurisdiction this project is located.
 City of Wilmington, Will County and IDOT
- M. The following is a list of receiving water(s) and the ultimate receiving water(s) for this site. The location of the receiving waters can be found on the erosion and sediment control plans:
 The direct receiving waters are Forked Creek Ryans Creek and unnamed tributaries to the Kankakee River. The ultimate receiving water is the Kankakee River. Kankakee River is a biologically significant stream as per IDNR.
- N. Describe areas of the site that are to be protected or remain undisturbed. These areas may include steep slopes, highly erodible soils, streams, stream buffers, specimen trees, natural vegetation, nature preserves, etc.
 There are water bodies, woodlands, farmlands, and nature preserves adjacent to the right-of-way.
- O. The following sensitive environmental resources are associated with this project, and may have the potential to be impacted by the proposed development:
- Floodplain
 - Wetland Riparian
 - Threatened and Endangered Species
 - Historic Preservation
 - 303(d) Listed receiving waters for suspended solids, turbidity, or siltation
 - Receiving waters with Total Maximum Daily Load (TMDL) for sediment, total suspended solids, turbidity, or siltation
 - Applicable Federal, Tribal, State or Local Programs
 - Other
1. 303(d) Listed receiving waters (fill out this section if checked above):
- a. The name(s) of the listed water body, and identification of all pollutants causing impairment:
- b. 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:

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

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

2. TMDL (fill out this section if checked above)

a. The name(s) of the listed water body:

b. 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:

c. 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 the allocation:

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Soil Sediment | <input checked="" type="checkbox"/> Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids) |
| <input checked="" type="checkbox"/> Concrete | <input checked="" type="checkbox"/> Antifreeze / Coolants |
| <input checked="" type="checkbox"/> Concrete Truck waste | <input type="checkbox"/> Waste water from cleaning construction equipment |
| <input checked="" type="checkbox"/> Concrete Curing Compounds | <input type="checkbox"/> Other (specify) _____ |
| <input checked="" type="checkbox"/> Solid waste Debris | <input type="checkbox"/> Other (specify) _____ |
| <input type="checkbox"/> Paints | <input type="checkbox"/> Other (specify) _____ |
| <input type="checkbox"/> Solvents | <input type="checkbox"/> Other (specify) _____ |
| <input checked="" type="checkbox"/> Fertilizers / Pesticides | <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 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"/> Preservation of Mature Vegetation | <input checked="" type="checkbox"/> Erosion Control Blanket / Mulching |
| <input type="checkbox"/> Vegetated Buffer Strips | <input checked="" type="checkbox"/> Sodding |
| <input type="checkbox"/> Protection of Trees | <input type="checkbox"/> Geotextiles |
| <input type="checkbox"/> Temporary Erosion Control Seeding | <input checked="" type="checkbox"/> Other (specify) <u>Mulch Method 2</u> |
| <input type="checkbox"/> Temporary Turf (Seeding, Class 7) | <input type="checkbox"/> Other (specify) _____ |
| <input type="checkbox"/> Temporary Mulching | <input type="checkbox"/> Other (specify) _____ |
| <input checked="" type="checkbox"/> Permanent Seeding | <input type="checkbox"/> Other (specify) _____ |

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

Stabilization controls runoff volume and velocity, peak runoff rates and volumes of discharge to minimize exposed soil, disturbed slopes, sediment discharges from construction, and provides for natural buffers and minimization of soil compaction. Existing vegetated areas where disturbance can be avoided will not require stabilization.

Where possible, stabilization of the initial Stage should be completed before work is moved to subsequent stages

All areas disturbed by excavation will be permanently seeded with erosion control blanket immediately following the installation of the proposed HMA shoulders.

Mulch Method 2 should be applied to slopes for temporary stabilization prior to seasons when Temporary seed will not germinate, for example in mid-July or in winter.

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

All areas disturbed by excavation shall be stabilized with permanent seeding and erosion control blanket.

- 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.

The following stabilization practices will be used for this project:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Perimeter Erosion Barrier | <input type="checkbox"/> Rock Outlet Protection |
| <input type="checkbox"/> Temporary Ditch Check | <input type="checkbox"/> Riprap |
| <input checked="" type="checkbox"/> Storm Drain Inlet Protection | <input type="checkbox"/> Gabions |
| <input type="checkbox"/> Sediment Trap | <input type="checkbox"/> Slope Mattress |
| <input type="checkbox"/> Temporary Pipe Slope Drain | <input type="checkbox"/> Retaining Walls |
| <input type="checkbox"/> Temporary Sediment Basin | <input type="checkbox"/> Slope Walls |
| <input type="checkbox"/> Temporary Stream Crossing | <input type="checkbox"/> Concrete Revetment Mats |
| <input type="checkbox"/> Stabilized Construction Exits | <input type="checkbox"/> Level Spreaders |
| <input type="checkbox"/> Turf Reinforcement Mats | <input type="checkbox"/> Other (specify) _____ |
| <input type="checkbox"/> Permanent Check Dams | <input type="checkbox"/> Other (specify) _____ |
| <input type="checkbox"/> Permanent Sediment Basin | <input type="checkbox"/> Other (specify) _____ |
| <input type="checkbox"/> Aggregate Ditch | <input type="checkbox"/> Other (specify) _____ |

Paved Ditch

Other (specify) _____

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

Perimeter erosion barrier will be placed at the downslope end of disturbed areas along the project site boundaries to capture sediment from sheet flow runoff. Perimeter erosion barrier should not be utilized in areas of concentrated flow.

Silt Fence should only be used as PEB(Perimeter Erosion Barrier) in areas where the work area is higher than the perimeter. The use of silt fence at the top of the slope/elevations higher than the work area should always be avoided. If necessary, temporary fence should be utilized in these locations (where the top of slope/elevation is higher than the work area) in lieu of silt fence.

In concentrated flows, temporary ditch checks will be utilized to control erosion within the ditch sections by creating pools that promote sediment settling out of runoff.

Inlet filters will be utilized at the existing structures within the curb line and ditch locations. Inlet filters will help prevent construction sediment from discharging the site into storm sewers.

Avoid using the Inlet and Pipe Protection pay item in this project. Straw bales and silt fence should not be used as inlet and pipe protection. Inlet and pipe protection should be comprised of ditch checks, permanent seeding, and permanent erosion control blanket. Storm drain inlet protection will be installed for all storm sewer and culverts. Inlet filters, as specified in Article 1081-15(h) of the Standard Specifications for Road and Bridge Construction (current edition) will be installed at all inlets, catch basins, and manholes for the duration of construction. The filter basket will be cleaned on a regular basis.

All work associated with installation and maintenance of Stabilized Construction Entrance and concrete washouts are incidental to the contract and should not be paid for separately.

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

Temporary measures will be removed after construction once disturbed areas have been permanently stabilized.

D. Treatment Chemicals

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

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

N/A

E. Permanent 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.

1. 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 on the basis of the technical guidance in Chapter 41 (Construction Site Storm Water Pollution Control) of the IDOT Bureau of Design & Environment 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.

2. 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:

Permanent storm water management features include the proposed seeding for disturbed areas. Vegetated ditches will filter storm water runoff and reduce the potential for sediment and other contaminants to discharge from the site.

Velocity dissipation devices must be used as necessary at all discharge locations and along the length of any outfall channel to provide a non-erosive velocity flow from the structure to a water source so that the natural physical and biological functions of the receiving water is maintained and protected.

- 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 Illinois Environmental Protection Agency'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:

All management practices, control and other provisions provided in the plans are in accordance with IDOT Standard Specifications for Road and Bridge Construction.

- 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 construction entrances/exits)
 - 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 operations
 - Time frame for other significant long-term operations or activities that may plan non-storm water discharges such as dewatering, grinding, etc.
 - Permanent stabilization activities for each area of the project
 2. 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:

- 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 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 to the Contractor for the practices associated with this project. 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 Contractor's responsibility to attain maintenance guidelines for any manufactured BMPs which are to be installed and maintained per manufacture's specifications.

Temporary Ditch Checks - Will be visually inspected. They will be repaired and cleaned as necessary.

Perimeter Erosion Barrier - Repair tears, gaps, and undermining. Restore leaning perimeter erosion barrier and ensure structural adequacy. Repair or replace any missing or broken stakes immediately. Clean perimeter erosion barrier when sediment reaches on third height of the barrier. Remove perimeter erosion barrier when restoration has been established.

Provide inlet filter cleaning when full and as directed by the Engineer.

All erosion and sediment control measures will be maintained in accordance with the IDOT Erosion and Sediment Control Field Guide for Construction Inspection (<http://www.idot.illinois.gov/Assets/uploads/files/Transportation-System/Manuals-Guides-&-Handbooks/Highways/Environment/Erosion%20and%20Sediment%20Control%20Field%20Guide%20for%20Construction%20Inspection.pdf>) and IDOT's Best Management Practices - Maintenance Guides (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>).

All maintenance of erosion and sediment control systems is the responsibility of the contractor.

All erosion and sediment control measures should be checked weekly and after each rainfall, 0.5 inches or greater in a 24 hour period, or equivalent snowfall.

All offsite Borrow, Waste, and Use areas are part of the construction site and are to be inspected according the the language in this section.

IV. Inspections

Qualified personnel shall inspect disturbed areas of the construction site 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 e-mail 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

Additional Inspections Required:

All offsite Borrow, Waste and Use areas are part of the construction site and are to be inspected according to the language in this section.

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.



Contractor Certification Statement



Prior to conducting any professional services at the site covered by this contract, the Contractor and every subcontractor must complete and return to the Resident Engineer the following certification. A separate certification must be submitted by each firm. Attach to this certification all items required by Section II.G of the Storm Water Pollution Prevention Plan (SWPPP) which will be handled by the Contractors/subcontractor completing this form.

Route FAP 631	Marked Route IL 102	Section 111N-I
Project Number C-91-284-15	County Will	Contract Number 62A65

This certification statement is a part of SWPPP for the project described above, in accordance with the General NPDES Permit No. ILR10 issued by the Illinois Environmental Protection Agency.

I certify under penalty of law that I understand the terms of the Permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

- Contractor
- Sub-Contractor

Print Name 	Signature
Title 	Date
Name of Firm 	Telephone
Street Address 	City/State/Zip

Items which the Contractor/subcontractor will be responsible for as required in Section II.G. of SWPPP: