CONTRACT NO. 68367

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	D4 I-74 Landscaping 2007	PEORIA	21	8
STA.	TO STA.			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

TEMPORARY EROSION CONTROL NOTES

1. DURING LANDSCAPE CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS, SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING, (EXCEPT AS DESIGNATED ON THE PLANS OR DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

2. WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE HIGH FLOWS OF WATER AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

3. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

4. CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN-OFF IN COMPLIANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

5. THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT ON A REGULAR BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

6. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEM SHALL BE DISPOSED OFF FROM THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. PERIMETER BARRIER SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% OF THE HEIGHT OF THE CONTROL DEVICE. THE COST OF MAINTAINING AND CLEANING THE EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE PAY ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

7. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER EVERY USE IF NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

8. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED USING PERIMETER EROSION BARRIER THROUGHOUT THE LANDSCAPE WORK ZONE AS SOON AS POSSIBLE TO STABILIZE EXPOSED SOILS, AS APPROVED, BY THE ENGINEER.

9. EROSION CONTROL DEVICES SHALL BE IN PLACE AND APPROVED BY THE ENGINEER AS TO PROPER PLACEMENT AND INSTALLATION PRIOR TO BEGINNING OTHER WORK AT EACH SITE.

10. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280, TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS.

11. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARDS 280001.

12. TEMPORARY EROSION CONTROL SYSTEMS ARE NOTED IN THE TEMPORARY EROSION CONTROL SCHEDULES. THE SCHEDULE MAY INCLUDE THE FOLLOWING:
    - TEMPORARY DITCH CHECKS
    - INLET AND PIPE PROTECTION
    - PERIMETER EROSION BARRIER

PRIOR TO CONSTRUCTION:

1. PRIOR TO PERFORMING LANDSCAPE ACTIVITIES RESULTING IN LAND DISTURBANCE, THE CONTRACTOR SHALL INSTALL ITEMS INTENDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THE ITEMS MAY INCLUDE THE FOLLOWING TEMPORARY EROSION CONTROL SYSTEMS:
    - TEMPORARY DITCH CHECKS
    - INLET AND PIPE PROTECTION
    - PERIMETER EROSION BARRIER

DURING CONSTRUCTION:

1. DURING CONSTRUCTION THE CONTRACTOR SHALL:

2. CLEAN UP AND GRADE THE WORK AREA TO ELIMINATE CONCENTRATION OF RUNOFF.

3. INSTALL TEMPORARY DITCH CHECKS AT LOCATIONS SPECIFIED IN THE SCHEDULES OR AS DIRECTED BY THE RESIDENT ENGINEER.

4. INSTALL INLET PROTECTION AS SPECIFIED IN THE SCHEDULES OR AS DIRECTED BY THE RESIDENT ENGINEER FOR STORM SEWERS OR CULVERTS AS THEY ARE INSTALLED AND AS WORK PROCEEDS.

5. COVER THE OPEN ENDS OF PIPES IN TRENCHES AT THE CLOSE OF EACH WORKING DAY.

6. MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) EROSION CONTROL ITEMS.

PERIMETER EROSION BARRIER

LOCATION	PERIMETER EROSION BARRIER METER
E.B. I-74	
RT 28.28 m STA 149+475.00 TO RT 15.74 m STA 149+775.00	300
RT 20.81 m STA 149+925.00 TO RT 23.93 m STA 150+000.00	75
SUBTOTAL	375
W.B. I-74	
LT 26.85 m STA 149+925.00 TO LT 20.19 m STA 150+000.00	75
LT 48.87 m STA 150+100.00 TO LT 26.37 m STA 150+205.56	106
SUBTOTAL	181
RAMP F-3	
LT 5.67 m STA 10+025.00 TO LT 4.9 m STA 10+137.31	112
SUBTOTAL	112
RAMP F-4	
RT 5.14 m STA 10+200.51 TO RT 11.12 m STA 10+415.00	214
SUBTOTAL	214
RAMP F-6	
RT 4.875 m STA 20+025.00 TO RT 4.1 m STA 20+041.42	16
LT 7.6 m STA 20+050.00 TO LT 7.6 m STA 20+125.00	75
RT 5 m STA 20+275.00 TO RT 5 m STA 20+395.07	120
SUBTOTAL	211
N.B. KNOXVILLE AVENUE	
LT STA. 20+583.030 TO LT STA. 20+650.000	254
RT 8.096 m STA 20+350.00 TO RT 10.54 m STA 20+600.00	250
RT STA. 20+615.717 TO RT STA. 20+650.000	35
SUBTOTAL	539
GRAND TOTAL	1632

INLET AND PIPE PROTECTION

LOCATION					EACH
E.B. I-74					
STA.	149+089.001	14.466	m	RT	1
STA.	148+148.787	19.670	m	RT	1
STA.	148+218.682	23.481	m	RT	1
STA.	148+249.210	29.738	m	RT	1
STA.	148+496.009	19.147	m	RT	1
STA.	148+575.282	23.260	m	RT	1
STA.	148+932.995	14.896	m	RT	1
STA.	150+166.430	30.240	m	RT.	1
SUBTOTAL					8
W.B. I-74					
STA.	148+941.731	14.017	m	LT	1
STA.	149+073.664	16.082	m	LT	1
STA.	149+150.000	15.155	m	LT	1
STA.	149+171.491	14.685	m	LT	1
STA.	150+307.128	15.114	m	LT.	1
STA.	150+321.791	15.644	m	LT.	1
SUBTOTAL					6
RAMP E-2					
STA.	20+026.086	53.625	m	LT	1
STA.	20+068.035	19.399	m	LT	1
STA.	20+274.989	6.639	m	LT	1
STA.	20+323.000	6.691	m	LT	1
STA.	20+336.298			RT	1
SUBTOTAL					5
RAMP F-1					
STA.	10+228.929	8.795	m	RT	1
STA.	10+294.964	9.792	m	LT	1
STA.	10+321.505			LT	1
STA.	10+440.223	8.814	m	LT	1
SUBTOTAL					4
RAMP G-1					
STA.	10+357.083	7.900	m	LT.	1
STA.	10+387.625	11.199	m	LT.	1
STA.	10+423.987	7.899	m	LT.	1
STA.	10+436.906	10.434	m	LT.	1
SUBTOTAL					4
S.B. KNOXVILLE AVENUE					
STA.	1+156.854	15.408	m	LT	1
SUBTOTAL					1
GRAND TOTAL					28

TEMPORARY DITCH CHECKS

LOCATION					EACH
E.B. I-74					
STA.	150+110.423	14.42	m	RT.	1
STA.	150+119.262	16.11	m	RT.	1
STA.	150+128.101	17.81	m	RT.	1
STA.	150+136.731	20.36	m	RT.	1
STA.	150+145.361	22.91	m	RT.	1
STA.	150+153.843	25.92	m	RT.	1
STA.	150+162.325	28.93	m	RT.	1
STA.	150+168.225	27.30	m	RT.	1
STA.	150+169.927	24.78	m	RT.	1
STA.	150+171.616	22.26	m	RT.	1
STA.	150+174.306	20.76	m	RT.	1
STA.	150+180.863	18.45	m	RT.	1
STA.	150+195.893	15.14	m	RT.	1
SUBTOTAL					13
W.B. I-74					
STA.	148+893.105	13.34	m	LT	1
STA.	148+906.474	13.34	m	LT	1
STA.	148+918.762	14.14	m	LT	1
STA.	148+931.668	14.45	m	LT	1
STA.	150+305.663	14.42	m	LT.	1
STA.	150+331.085	15.70	m	LT.	1
STA.	150+345.722	15.22	m	LT.	1
SUBTOTAL					7
RAMP E-2					
STA	20+040.000	21.55	m	LT	1
STA	20+060.000	21.55	m	LT	1
STA	20+083.000	17.79	m	LT	1
STA	20+106.000	15.32	m	LT	1
STA	20+129.000	12.83	m	LT	1
STA	20+152.000	11.91	m	LT	1
SUBTOTAL					6
S.B. KNOXVILLE AVENUE					
STA.	1+165.196	11.82	m	LT	1
STA.	1+174.090	9.739	m	LT	1
SUBTOTAL					2
RAMP G-1					
STA.	10+344.032	20.90	m	LT.	1
STA.	10+350.319	17.80	m	LT.	1
STA.	10+355.966	14.87	m	LT.	1
STA.	10+359.301	10.10	m	LT.	1
STA.	10+368.384	10.90	m	LT.	1
STA.	10+457.855	10.57	m	LT.	1
STA.	10+472.275	17.16	m	LT.	1
SUBTOTAL					7
GRAND TOTAL					35

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REVISIONS NAME	DATE
FINAL PLAN	05/11/04
PREFINAL PLAN	03/01/04
PRELIMINARY	11/17/03

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 74 (I-74)

TEMPORARY EROSION CONTROL NOTES AND SCHEDULES

DRAWN BY: KC/DL
DATE: 07/16/2004
CHECKED BY: JB