

## GENERAL NOTES

availability of electronic files
MicroStation and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the sole responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.
plan elevations - u.s.g.s. mean sea level datum All elevations shown on the plans are established from U.S.G.S. mean sea level datum.

## COMMITMENTS

Commitments are not to be altered without the written approval of all
parties to which the commitment was made. No commitments have heen made for this project

## ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/r waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

* BDE Form 2289 (Cultural and Natural Resources Review of Borrow Areas)
* BDE Form 2290 (WasteNse Area Review)

A location map showing the size limits and location of the use area

* Color photographs depicting the use area
* Borrow Area Entry Agreement form * D4 Pl0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications. Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

WIDENING FOR TRAFFIC barrier terminals
Widening of existing shoulders/slopes for the construction of Traffic Barrier Terminals
shall be completed as directed by the engineer and paid for as specified in article
109.04 of the Standard Specifications
ordering length confirmation - drainage items
The Contractor shall consult with the Engineer in regard to the exact length of the boxpipe culverts, storm sewers, andor pipe drains required prior to ordering these items.



| 28100825 - SToNE DUMPED RIP RAP, CLASS B3 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| StA | AREA (Saft) | Length (f) | voume (Cu fr) | voume (Cu vo) |
| 131+50 | 35.0 | . | - | - |
| 132+00 | 51.6 | 50.0 | 2165.6 | 80.2 |
| ${ }^{132+50}$ | 61.7 | 50.0 | 2834.0 | 105.0 |
| 133+00 | 43.0 | 50.0 | 2619.7 | 97.0 |
| 133+50 | 34.9 | 50.0 | 1988.1 | 72.2 |
| 134+00 | ${ }^{53.4}$ | 50.0 | 2206.7 | 81.7 |
| 134+50 | 67.9 | 50.0 | 3031.9 | 112.3 |
| ${ }^{135+00}$ | 74.4 | 50.0 | ${ }^{3558.1}$ | 131.8 |
| 135+50 | 51.7 | 50.0 | 3153.5 | 116.8 |
| 136+00 | 31.8 | 50.0 | 2088.6 | 77.4 |
| 136+50 | 31.7 | 50.0 | 1588.3 | 58.8 |
|  |  |  |  |  |
|  |  |  | тotal $=$ | 933.13 |
|  |  |  | $\times 1.5$ Ton | n/cuyo |
| Tonnage $=$ |  |  |  | 13997 |


| 2810087 - SToNE DUMPED RIP PAP, CLASS A4 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| STA | AREA (Saft) | Lentit (fT) | Volume (Cu fi) | Voume (cu yo) |
| 131+50 | 20.09 | - | - | - |
| 132+00 | 20.03 | 50.0 | 1002.98 | 37.15 |
| 132+50 | 20.11 | 50.0 | 1003.51 | 37.17 |
| 133+00 | 19.76 | 50.0 | 996.83 | 36.92 |
| 133+50 | 20.04 | 50.0 | 995.00 | 36.85 |
| $134+00$ | 19.71 | 50.0 | 993.69 | 36.80 |
| ${ }^{134+50}$ | 19.84 | 50.0 | 988.88 | 36.63 |
| ${ }^{135+00}$ | 19.53 | 50.0 | ${ }^{984.29}$ | 36.46 |
| ${ }^{135+50}$ | 20.05 | 50.0 | 989.39 | 36.64 |
| 136+00 | 19.96 | 50.0 | 1000.18 | 37.04 |
| 136+50 | 19.72 | 50.0 | 992.09 | 36.74 |
|  |  |  |  |  |
| 133+39,32 | 10 | . |  |  |
| 133+4.3.32 | 10 | 4 | ${ }^{40}$ | ${ }^{1.48}$ |
|  |  |  |  |  |
| ${ }^{134+76}$ | ${ }^{93} 2275$ | . |  |  |
| 134+80 |  | 4 | 188.455 | 6.91 |
|  |  |  | тotal $=$ | 37.79 |
|  |  |  | $\times 1.5$ To | N/u vo |
| ToNNAGE = |  |  |  | 565.2 |

X0326662 - CURED-IN-PLACE PIPE LINER, 24"

| STA | T0 | STA | LENGTH (FEET) | FILL HEIGHT | TYPE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 133+40, 90' LT | - | 133+40.4, C.L. | 90 | $10^{\prime}$ | RCCP/CMP |
| 134+78, 80' LT | - | 135+09.6, 62.5' RT | 146 | 15 | RCCP/CMP |
| TOTAL $=$ |  |  | 236 |  |  |


| 50105220 - Pppe cuverer removal |  |  |  |
| :---: | :---: | :---: | :---: |
| sta | SIIE | TPPE | $\left.\begin{array}{\|c} \text { Pipe cuverit } \\ \text { Removat } \\ (\text { foot } \end{array}\right)$ |
| 133-42 LT | ${ }^{24}$ | cmp | 10.0 |
| 134+80 LT | ${ }^{24}{ }^{\prime \prime}$ | cmp | 10.0 |
| тotal $=$ |  |  | 20.0 |


| 20201200 - Removal ano disposal of unsutabie removal |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| sta | ArEA (Saft) | LеNGт (FT) | volume (CUFT) | Voume (cu yo) |
| 13150 | 20.09 | - | - | - |
| 13300 | 20.03 | 50 | 1002.98 | 37.15 |
| 13350 | 20.11 | 50 | 1003.51 | 37.17 |
| 13330 | 19.76 | 50 | 99.83 | 36.92 |
| 13350 | 20.04 | 50 | 995.00 | 36.85 |
| 13300 | 19.71 | 50 | 993.69 | 36.80 |
| 13450 | 19.84 | 50 | 988.88 | 36.63 |
| 13550 | 19.53 | 50 | 984.29 | 36.46 |
| 13350 | 20.05 | 50 | 989.39 | 36.64 |
| 13600 | 19.96 | 50 | 1000.18 | 37.04 |
| 13650 | 19.72 | 50 | 992.09 | 36.74 |
|  |  |  |  |  |
| total $=$ |  |  |  | 368.4 |


| 67100100- MobilIZation |  |
| :---: | :---: |
| Location | Lsum |
| Jobstre | 1.0 |
|  |  |
| Total $=$ | 1.0 |


| 50104400 - CONC. HEADWALL REMOVAL |  |
| :---: | :---: |
| sta | епCH |
| 133+42 LT | 1.0 |
| 134+88015 | 1.0 |
| тotal= | 2.0 |


| 59300100 CONTROLLED LOW STRENGTH MATERIAL |  |
| :---: | :---: |
| locaton | еасн |
| 1344801T | 4.0 |
| тotal= | 4.0 |


| 28000000 - Perimeter frosion barrier |  |  |  |
| :---: | :---: | :---: | :---: |
| STA | то | sta | Length (f) |
| 131+50 | - | 136+50 | 500.0 |
| тotal $=$ |  |  | 500.0 |

70100315 - TRAFFIC CONTROL | LOCATION | EACH |
| :---: | :---: |
| STA 131+50 TO 136 +50 | 1.0 |
| TOTAL $=$ | 1.0 |

| X7015005-CHANGEABLE MESSAGESIGN |  |
| :---: | :---: |
| location | cal dar |
| STA 131+50 RT | 10.0 |
| STA 136+50 LT | 10.0 |
| Total $=$ | 20.0 |


| LOCATION |  |  | 63000003 | 63100045 | 63100167 | 72501000 | 78200005 | 20001002 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | STEEL PLATE BEAM GUARDRAIL, TYPE A , 9 | TRAFFIC BARRIER | TRAFFIC BARRIER TERMINAL, TYPE 1 | TERMINAL MARKER-DIRECT | GUARDRAIL REFLECTORS, | GR AGG EROS |
| STA | то | STA | LENGTH (FT) | EACH | EACH | EACH | EACH | EACH |
| 131+25 | то | 139+00 | 775 | 1 | 1 | 1 | 6 | 150 |
| TOTAL $=$ |  |  | 775 | 1 | 1 | 1 | 6 | 150 |

PT. \#10, SET IRON PIN WYc.

## GROUND COORDINATES: <br> $N=1464976.393$

$E=2468231.218$


BM
CHIS. " $\square$ " ON EAST END OF CULVERT ELEVATION $=471.5^{\circ}$

## PK /WASH. IN PP


20.50'
-40.71'
46.43

O-CENTER OF W.V

MAILBOX POST

| PT. \#16, MAG NAIL \& WASHER GROUND COORDINATES:$\begin{aligned} & N=1465278.252 \\ & \mathbf{N}=1468376.783 \end{aligned}$ |  | WASHER |
| :---: | :---: | :---: |
|  | PT. \#17, MAG NAIL AND GROUND COORDINATES: $\begin{array}{ll}\mathrm{N}= & 1464989.097 \\ \mathrm{E} & = \\ 2468122.244\end{array}$ $E=2468122.244$ |  |
| C.L. WESTBO <br> LANES | D |  |
|  |  | $110+00$ |
| 16 | 17 |  |


\& IL 116 / US $24 / \operatorname{US} 150$ -

| IIE NOME | USER RMNE = Korosd | DESIINED | REVIISED | STATE OF ILLINOIS <br> dEPARTMENT OF TRANSPORTATION | WB IL 116 /US 24 /US 150 ALIGNMENT, TIES, AND BENCHMARKS |  |  |  |  | A AP | tion | countr | ${ }_{\text {cher }}^{\text {Soral }}$ | SHEET |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Cheren | $\underbrace{\substack{\text { Revisen }}}_{\text {ReVISED }}$ |  |  |  |  |  |  | 673 | (102) | TAZEWELL | 12 |  |
| Pion Sheoer 2 |  | ${ }_{\text {CHECKED }}^{\text {Date }}$ | $\underbrace{\text { Revisen }}_{\text {Revise }}$ |  |  |  |  |  |  |  |  | CONTRACT | No. |  |

PIPE CUL. REM. - 10.0 FT


PROPOSED CURED-IN-PLACE PIPE LINER, $24^{\prime \prime}$




## PIPE CUL LOCATIONS

 STA. $131+50$ TO STA. $136+50$

NOTES

1. THE WIDTH OF THE TRENCHES SHALL BE 4'. EARTH EXCAVATION AND ROCK FILL QUANTITIES FOR THE TRENCHES HAVE BEEN INCREASED BY $20 \%$ TO ACCOUNT FOR TRENCH DEGRADATION.
2. THE TRENCH SHALL BE BACKFILLED IMMEDIATELY UPON COMPLETION OF THE EXCAVATION OF THE TRENCH. WORK SHALL BE SCHEDULED SO THAT THERE ARE NO OPEN TRENCHES OVERNIGHT.
3. FROM THE FLOWLINE AT THE PIPE CULVERTS TO THE INSIDE FACE OF THE TRENCH, RIP RAP CLASS A4 SHALL BE PLACED AT A WIDTH OF 4'.
(1) EXISTNG PCC ShOULDER 6"
(2) EXISTNG PCC PAVEMENT
(3) EXISTNG STAB. SUB-BASE
(4) EXIST. HMA OVERLAY
(5) PROPOSED Steel plate beam guardrail, 9' posts
(6) PROPOSED GUARDRAIL AGGREGATE EROSION CONTROL




TYPICAL SECTION WITH EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of groding as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a $12(300)$ minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanica or hand methods, in a manner reasonably true to line and grade.
5. The Controctor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
A. The crushed aggregate shall be CA1 gradation in accordance with
Article 1004.01(c) of the Standard Specifications. icle 1004.01(c) of the Standard Specifications.
B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.


TYPICAL SECTION WITHOUT EROSION CONTROL CURB

| 01-01-97 | Renum. C-22.01, NEW Revision box | T.P. | 03-07-11 | AODED DEEAALI SHowing plan view | R.D. | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GUARDRAIL EROSION CONTROL TREATMENTS |  |  | section | countr | Soten |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 03-01-97 | CORRECT STD. NuMEERS IN NOTES PG. 2 COORECTION TO NOTES | M.a. | O8-10-12 | Revised curb "B" AND ACCRECAIE | R. |  |  |  | 673 | 225 | tazewel | 12 <br> 10 |
| 10-16-06 | Revisel to 2007 Spec. | A. | -1-26-17 | AEVVISED | R. |  | Not to scale |  |  |  | contract |  |




PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT


SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB




