## GENERAL NOTES

Fosteners shall be ASTM A325 Type 1, mechanically galvanized bolts.
Bolts $I_{8}$ in. $\phi$, holes ${ }^{5} / 16$ in. , unless otherwise noted.
Calculated weight of Structural Steel $=128,610$ pounds (AASHTO M 270 Grade 50)
Colculated weight of Structural Steel $=38,910$ pounds (AASHTO M 270 Grade 36)
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars designated (E) shall be epoxy coated
5. If the Contractor elects to use cantiliver forming brackets on the exterior beams or girders, the brockets shall be placed of the same locations as required for
the hardwood blocks in Article $503.06(b)$ of the Standord Specificicotions. If addtional cantilever forming brackets are required, hardwood blooking shall bo
wedged between the exxerior and first interior beam at eoch of these wedged between the exterio
additional brocket locations.
6. The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system
shall be shop applied, with the exception of masked off connection surfoces, field installed fosteners and damoged oreas shall be touched up in the field. The color
of the final finish coot for all steel surfoces shall be Gray, Munsell No. $5 B 7 / 1$.

Layout of the slope protection system
the field os directed by the Engineer.
8. The embankment configuration shown shall be the minimum that must be ploced

Excavation Lehion
9. Excavation behind existing abutment walls shall be performed to balance fro Controctor shall sowaut the upper portion of the existing oubutment ot the stoge premoturely damoged.
10. The Contractor is advised that the existing structure is in a deteriorated condition Win reduced lood cartying copocity. It is the Contractor's responsibility to occoun
for the condition of the structure when developing construction procedures for or the condition of the siructure when developing construction procedures for


FORM LINER TEXTURED SURFACE
Note;
Form Liner Textured Surfoce shall meet
the reauirements of Custom Rock Pill Form Liner Textured Surfoce shall meet
the requirements of Custom Rock Pattern
\#t 12010 Minnehatao Blend or opproved equal \#12010 Minnehaha. Blend or approved equal
(See Special Provision).

TOTAL BILL OF MATERIAL


SECTION THRU INTEGRAL ABUTMENT

## INDEX OF SHEETS



All drainoge system components shall extend to $2^{\prime}-0^{\prime \prime}$ from he end of eoch wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain to concrete headwalls. (See Article 601.05 of the Standa

TranSystems $\square$

