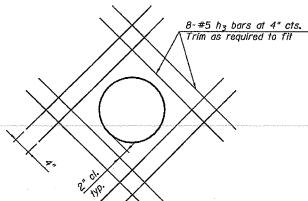


GENERAL NOTES:

- 1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
- 2. All exposed concrete egdes shall be chamfered 3/4" unless otherwise noted.
- 3. All construction joints shall be bonded.
- 4. The contract unit price "Each" for Drop Box, No. 3 shall include the Concrete Structures, Reinforcement Bars, earth excavation where required, backfilling and necessary grading to fit the structure as shown, or to the slope.
- 5. The contract unit price "Foot" for Traversable Pipe Grates shall include the steel pipe grate System, steel plates, bolts, nuts and washers,
- 6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B. Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
- 7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to
- 8. Bolts, nuts, & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized,
- 9. Contractor shall field verify galvanized pipe length.
- 10. The minimum distance from the center of a hole to the free edge of a structural shape or plate shall be 112" unless noted otherwise.
- 11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
- 12. This work shall be done according to the applicable portions of 501, 503, 505, 508, and 540 of the Standard Specifications.
- 13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
- 14. 10" pipe drain will be incorporated into the construction of the drop box wall. See Detail.



DETAIL FOR PIPE DRAIN

(Maximum 15" φ)

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi

fy = 60,000 psi (Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Drop Box, No. 3	Each	1
Traversable Pipe Grates	Foot	14



Reg. No. 081-005455

10/11/12 My registration expires November 30, 2012

PLAN AND ELEVATION DROP BOX NO. 3 RT

STATION 397+32

HRGreen.com HRGreen

USER NAME = STLCB_design-consultant DESIGNED - KJB REVISED -CHECKED - DFM REVISED -PLOT SCALE = NTS DRAWN - KJB REVISED -PLOT DATE = 10/11/2012 CHECKED - DFM REVISED -

PLAN

___Z__

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** PLAN AND ELEVATION DROP BOX NO. 3 SHEET NO. S-1 OF S-2 SHEETS

COUNTY TOTAL SHEET NO.

HENRY 2/0 68

CONTRACT NO. 64F25 226 ILLINOIS FED. AID PROJECT