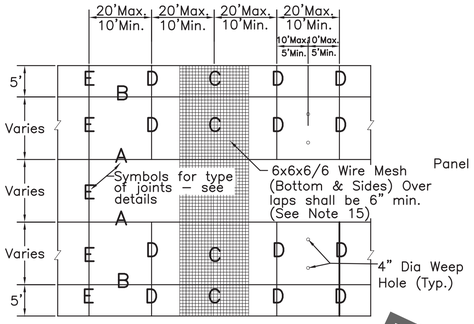
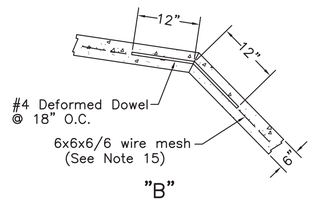
FOR INFORMATION PURPOSES ONLY

PROJECT NO.	SHEET

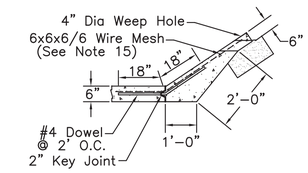


PLAN



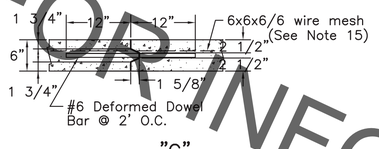
"B"

LONGITUDINAL CONSTRUCTION JOINT



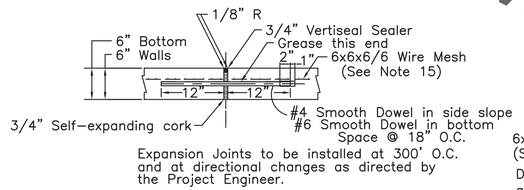
"A"

LONGITUDINAL CONSTRUCTION JOINT



"C"

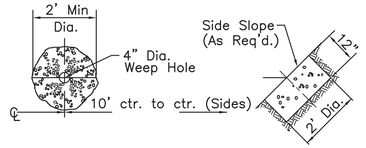
BOTTOM CONSTRUCTON JOINT



Expansion Joints to be installed at 300' O.C. and at directional changes as directed by the Project Engineer.

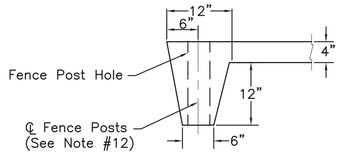
"E"

TRANSVERSE EXPANSION JOINT

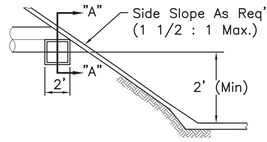


WEEP HOLE DETAIL

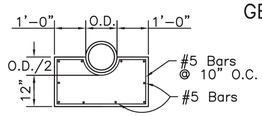
Note: No direct pay for weep hole trench and gravel backfill.



CONTINUOUS SIDEWALK TOE WALL



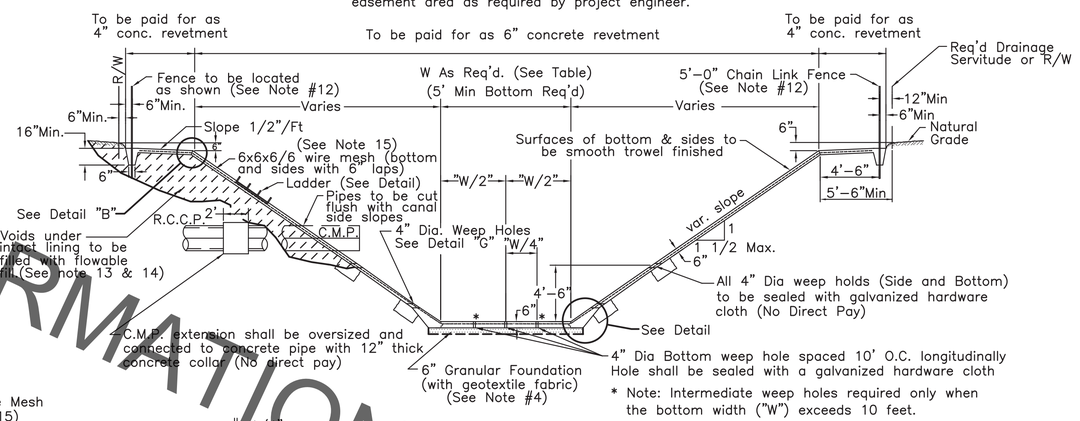
TYPICAL PIPE SUPPORT



(NO DIRECT PAY)

TYPICAL PIPE SUPPORT SECTION "A–A"

Upon completion of canal lining, fill & seeding easement area as required by project engineer.



TYPICAL REPAIR SECTION NO. 2

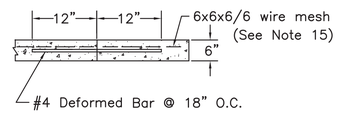
STA.	to	STA.	"W"	Slope
0+00		0+00	00 ft.	0.000%

Dummy Joints to be installed at min. 10' ctrs. max. 20' ctrs.

"D"

DUMMY GROOVE JOINT

NOTE: Use for contiuous monolithic panel construction only.



"C"

SIDE SLOPE CONSTRUCTION JOINT

Note: Required for stagger panel construction also.

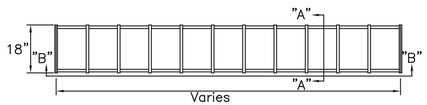
GENERAL NOTES

1. Compaction of embankments shall be accomplished by any satisfactory method approved by the project engineer. The contractor shall use mechanical tampers.
2. If no satisfactory method of compacting loose material is found, then embankment shall be stacked earth filled sacks or concrete rip–rap.
3. All concrete revetment shall be 6A4000 concrete.
4. Unless otherwise approved and directed by the engineer a granular foundation shall be used conforming to section 1001–9. The cost for installing the granular foundation will be at no direct pay.
5. Top of lining to be adjusted if necessary to match existing ground.
6. Reinforcing steel, wire mesh and joint material used in ditch pavement to be included in price bid for concrete revetment.
7. Contractor shall dispose of excess excavation outside limits of the project. Cost to be included in price bid for channel excavation.
8. Existing wingwalls, retaining wall and revetment to be removed as shown on plans.
9. Borrow material, where req'd, shall consist of select material (A–4 or better) to be placed at locations warranted and as directed by project engineer.
10. If silty material is encountered in the side slopes of the channel section, and if so directed by the engineer, sets of weep holes shall be installed transversely across the channel rather than longitudinally down the channel. The total number of weep holes so installed shall not exceed the number that would otherwise have been installed in a longitudinal manner.
11. Expansion joint seal: prime all surfaces with 2379 primer (Grace material) or equal, allow one hour for drying time. Apply vertiseal coat 2381 (Grace material) or equal.
12. All fence posts to be set prior to installing toe wall & sidewalk. (See 704–07).
13. Flowable Fill shall conform to the requirements as specified in the contract special provisions. Prior to placement removable wooden plugs shall be installed in weep holes, and temporary enddams or soil berms shall be placed as necessary to confine the flowable fill. Flowable fill shall be vibrated during placement to assure all voids are filled.
14. Where pumping is necessary for placement of flowable fill, pumping rate shall be controlled to the extent necessary to prevent movement, collapse or floatation of existing concrete panels. For long slopes where high hydraulic pressures will be generated flowable fill must be placed in lifts with a minimum of six (6) hours between lifts to allow previous lift time to stiffen.
15. Required 6x6x6/6 welded wire mesh fabric shall conform to either ASTM A185 or ASTM A497. Welded wire mesh fabric shall only be furnished in flat sheets, rolls will not be accepted. Welded wire fabric shall be place in accordance with detail by utilizing approved bar chairs or other approved methods.

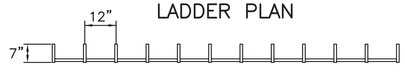
LADDER DETAILS

NOTE:

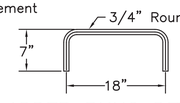
1. Ladders to be located as indicated on plans (or as directed by Project Engineer).
2. Ladder rungs shall be fabricated of wrought iron meeting the requirement of A.S.T.M. Specification A207 and shall be hot dipped galvanized.
3. All bends shall be made hot.



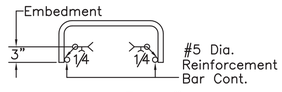
LADDER PLAN



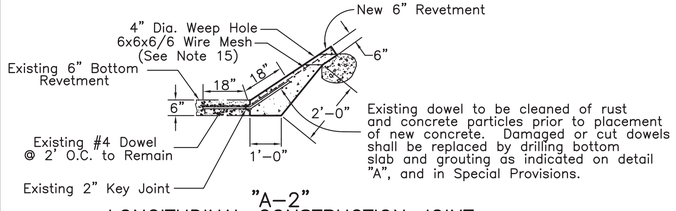
LADDER PLAN SECTION "B–B"



LADDER RUNG DETAILS



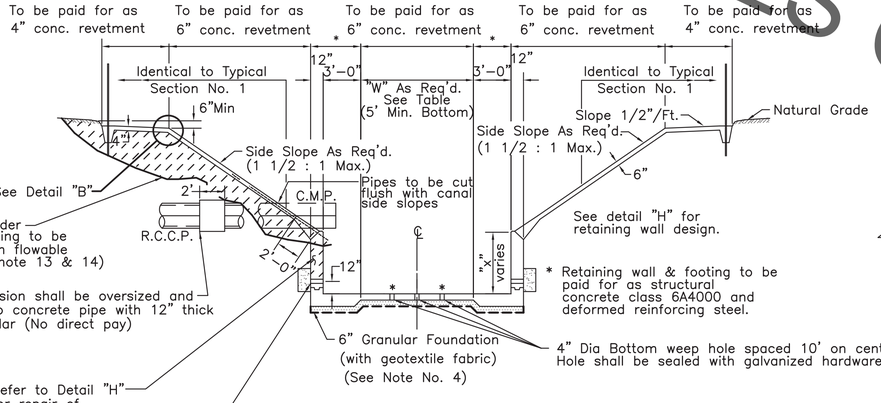
SECTION "A–A"



Existing dowel to be cleaned of rust and concrete particles prior to placement of new concrete. Damaged or cut dowels shall be replaced by drilling bottom slab and grouting as indicated on detail "A", and in Special Provisions.

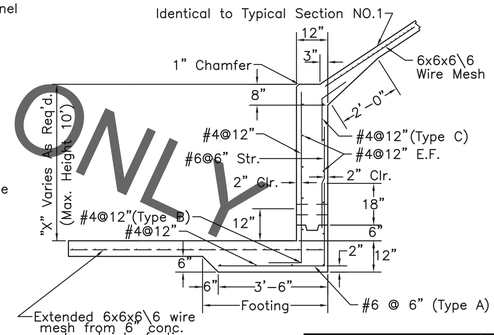
"A–2"

LONGITUDINAL CONSTRUCTION JOINT CONNECTING EXISTING REVETMENT TO NEW REVETMENT



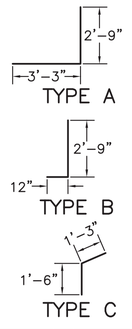
TYPICAL REPAIR SECTION NO. 1

STA.	to	STA.	"W"	Slope
0+00		0+00	00 ft.	0.000%



"H"

RETAINING WALL



STANDARD PLAN NO. 704–06	DATED January 18, 2008	SHEET NO. 1 OF 1

CONCRETE CANAL LINING DETAILS
CONCRETE CANAL LINING REPAIRS

DATE	DESCRIPTION REVISIONS	BY

ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE

DESIGNED	DRAWN	CHECKED	APPROVED
J.M. KLIER	D.R. PATT	B. HARMON	T. STEPHENS