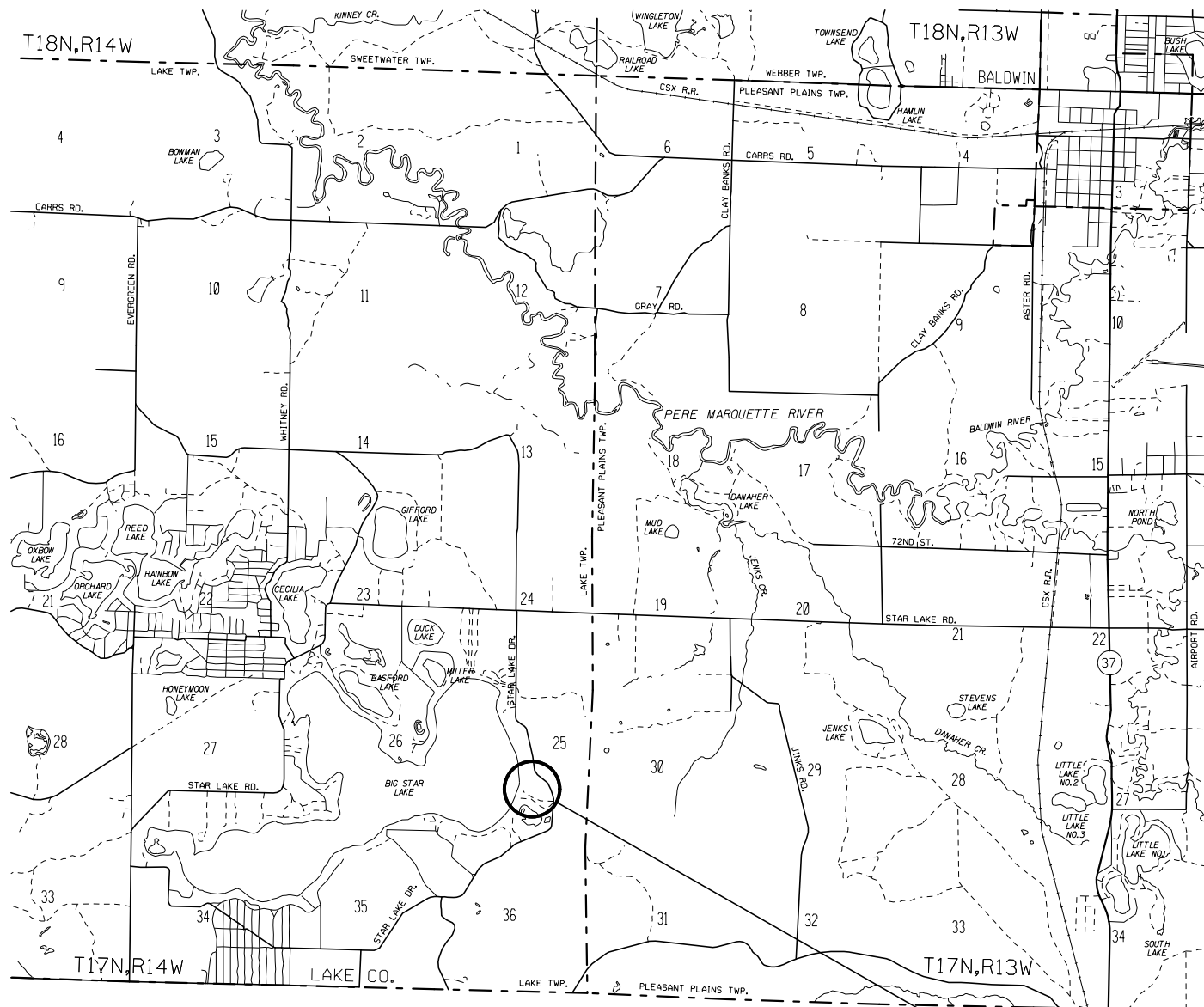


FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174, 2013, THE CONTRACTOR SHALL DIAL 1-800-482-7171 OR 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

PLACING OF TEMPORARY TRAFFIC CONTROL ITEMS SHALL BE DONE IN ACCORDANCE WITH THE 2011 EDITION OF THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THIS PROJECT SHALL BE OPEN TO LOCAL TRAFFIC THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES AT ALL TIMES, AND SHALL BE RESPONSIBLE FOR CONSTRUCTION SIGNING WITHIN THE PROJECT LIMITS.

Plans for DEQ
Permit 12-19-16

811 MISS DIG System, Inc.
1-800-482-7171

Prein & Newhof
Engineers • Surveyors • Environmental • Laboratory

LAKE COUNTY
ROAD COMMISSION

[illegible]

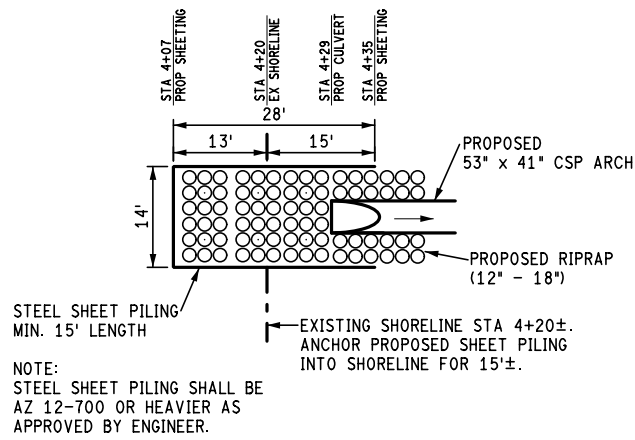
| | |
|--|------------------|
| KATHERINE MONROE | 57477 |
| REGISTERED PROFESSIONAL ENGINEER | REGISTRATION NO. |
| PREIN & NEWHOF | |
| ORGANIZATION | |
| 1202 NORTH MITCHELL STREET, CADILLAC, MICHIGAN 49601 | |
| ADDRESS | |

DAT

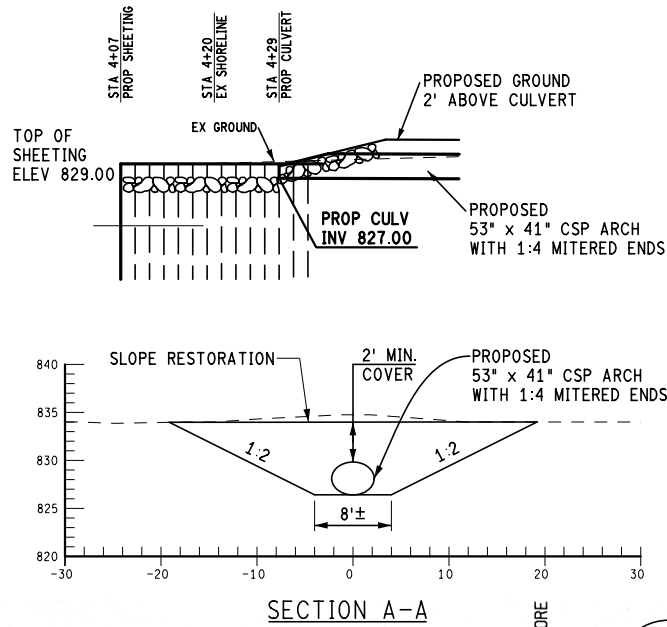
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CONTRACT FOR:
EXISTING CONTROL STRUCTURE AND OUTLET CULVERTS REMOVAL AND REPLACEMENT.

| | |
|---------------|-------|
| BIG STAR LAKE | SHEET |
| | |
| TITLE SHEET | |



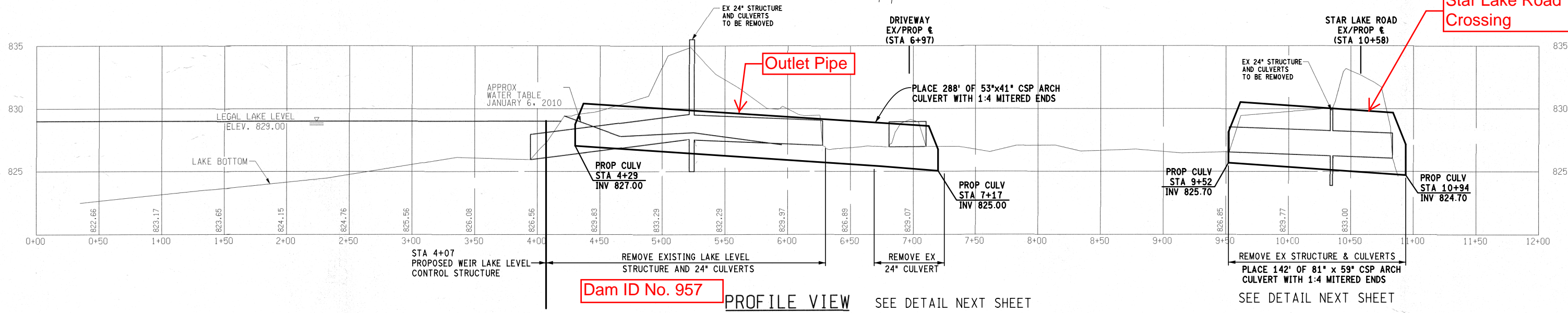
WEIR CONTROL STRUCTURE DETAILS
PROPOSED WEIR LAKE LEVEL CONTROL STRUCTURE
TOP ELEV = 829±

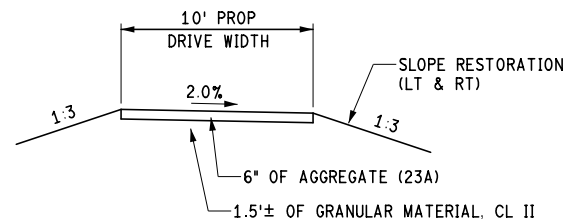


Outlet Pipe

LEGEND

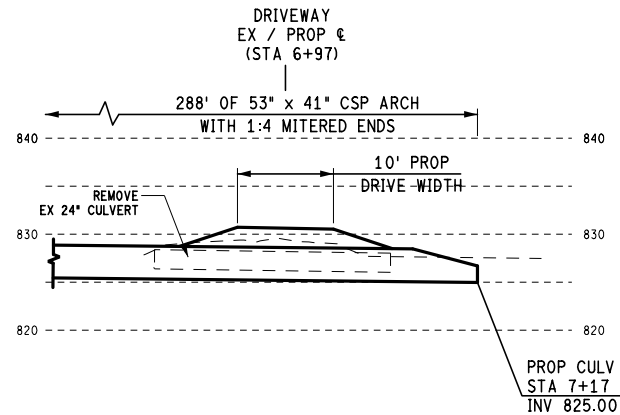
- ⊗ T.H.#. SOIL BORING
- - - CONTOUR
- ~~~~~ TREE LINE
- LAKESHORE





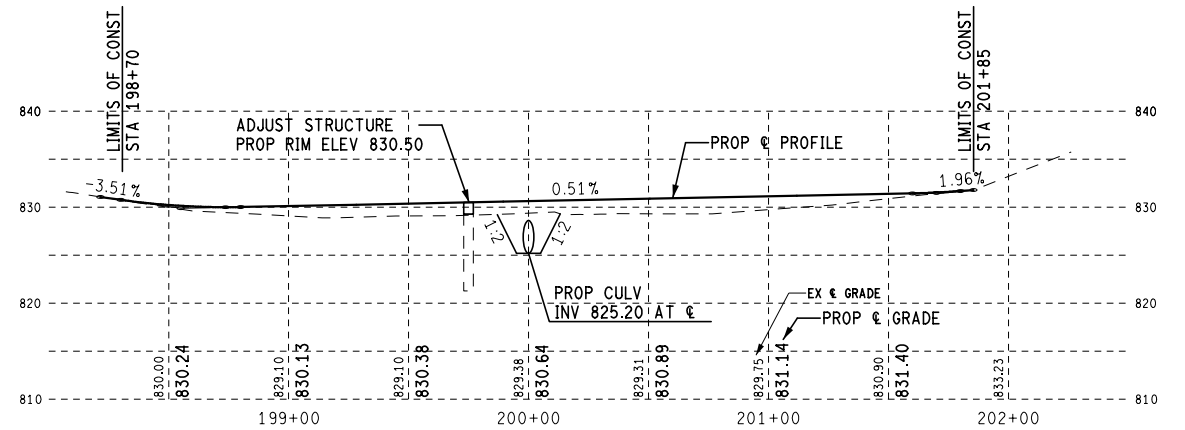
DRIVEWAY TYPICAL SECTION

NOTE: SLOPE RESTORATION TO INCLUDE:
TOPSOIL SURFACE 4" MIN DEPTH
SEED MIXTURE, TDS 220 LBS/ACRE
FERTILIZER, CL A 176 LBS/ACRE
MULCH 2 TON/ACRE

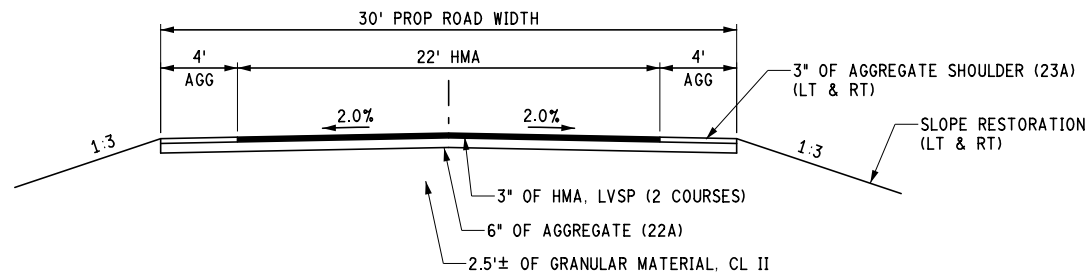


DRIVEWAY CULVERT DETAILS

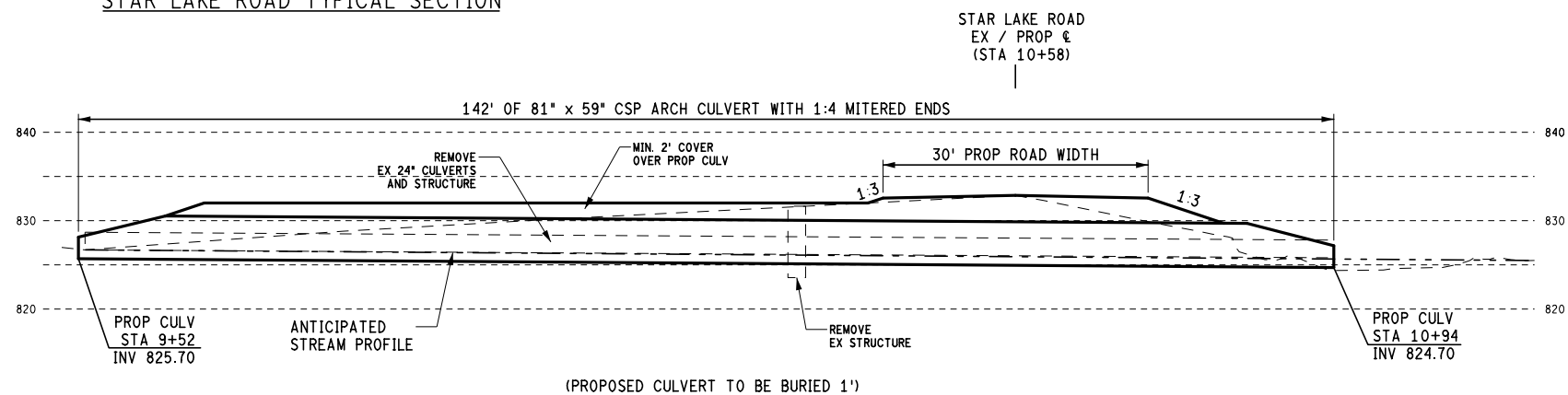
Outlet pipe



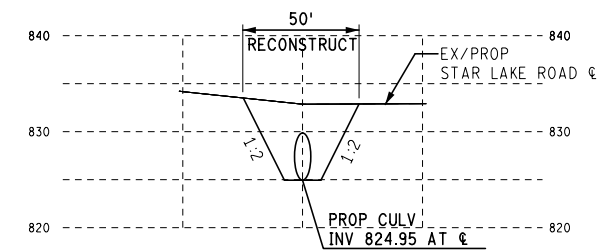
DRIVEWAY PROFILE



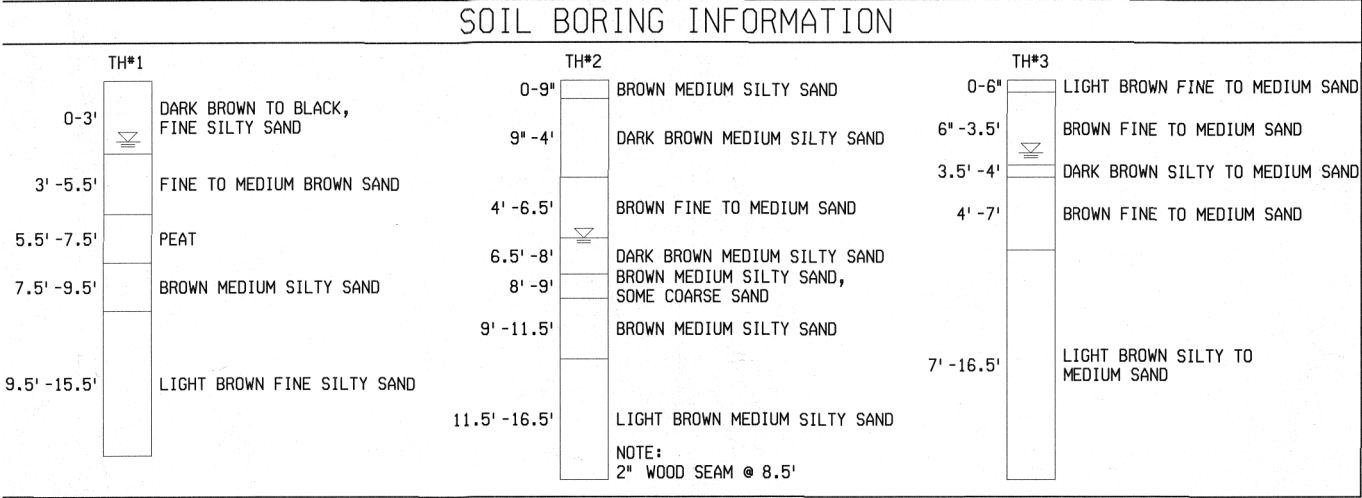
STAR LAKE ROAD TYPICAL SECTION



STAR LAKE ROAD CULVERT DETAILS



STAR LAKE ROAD PROFILE



SOIL BORINGS COMPLETED IN 2010

