

Department of Transportation

Pierre Region Office

104 S. Garfield – Bldg. A

Pierre, South Dakota 57501-5405 605/773-3464

FAX: 605/773-6215

March 31, 2014

RE: 0009-391

**Install Concrete Slab over Fuel Fill and Monitoring Well Access Area and
Miscellaneous work in Tripp County at the Winner Maintenance Yard
Tripp County**

TO: INTERESTED BIDDERS

The South Dakota Department of Transportation (SDDOT), Pierre Region Office – Bldg. A, 104 S. Garfield, Pierre, South Dakota 57501, desires to solicit bids for the above referenced project.

Sealed bids for the contract will be accepted until 2:00 P.M. (C.D.T.) on **Thursday, April 17, 2014**, and will be opened at that time in the Pierre Region Office – Bldg. A. Bids must be received in an envelope with “**Fuel Tank Work at Winner Maintenance Shop**” written on the outside.

A Certificate of Insurance will be required from the successful bidder prior to beginning work on this project.

THE CONTRACTORS SIGNATURE ON THE DOT-123 FORMS MUST BE NOTARIZED TO CONSTITUTE A LEGAL BID.

The Department of Transportation reserves the right to reject any and all bids. No faxed bids will be accepted.

DEPARTMENT OF TRANSPORTATION

John C. Forman, P.E.
Pierre Region Engineer

cc: B. Moore - Operations
J. Koch – Pierre Region
D. Sherman – Winner Area
Project File

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
CONTRACT PROPOSAL**

DOT-123
(5/05)
1 of 1

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
		0009		392					

CITY AND/OR COUNTY: Tripp BUDGET SOURCE: FY14 Building & Improvement

FINALS ENGINEER REVIEW REQUIRED: YES NO
 REGION MATERIALS CERTIFICATION REQUIRED: YES NO
 CERTIFIED INSPECTORS/TESTERS REQUIRED: YES NO
 TO BE INSTALLED ON CM&P: YES NO

TYPE, PURPOSE AND LOCATION OF WORK: Install Concrete Slab over Fuel Fill and Monitoring Well Access Area and Miscellaneous Work in Tripp County at the Winner Maintenance Yard

ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Install Concrete Slab over Fuel Fill & Monitoring Well Access Area at Winner Maintenance Yard	LUMP SUM	LS	LUMP SUM	
TOTAL					

CONTRACTOR'S PROPOSAL STATEMENT

The undersigned does hereby agree to furnish the labor and/or material in the quantities, at the unit price, for the purpose, in the place and in accordance with attached provisions upon approval of this Proposal by the State Transportation Commission. This document becomes the Contract when signed by the Contractor and a Department of Transportation Representative. The Contractor agrees to provide services in compliance with the Americans with Disabilities Act of 1990. The Contractor agrees to provide a certificate of insurance prior to commencing work, for liability coverage for the duration of the work as per the current edition of the SDDOT Standard Specifications for Roads and Bridges.

PROPOSED START DATE _____ OVERALL COMPLETION DATE On or Before August 1, 2014

SUBSCRIBED AND SWORN TO BEFORE ME THE _____ DAY OF _____, 20__

SIGNATURE _____
 COMPANY _____
 ADDRESS _____

NOTARY - My Commission Expires _____ FEDERAL TAX ID NUMBER _____

RECOMMENDED FOR APPROVAL: _____
 CONSTRUCTION & MAINTENANCE ENGINEER _____ DATE _____

REGION ENGINEER _____ DATE _____ DIRECTOR OF OPERATIONS _____ DATE _____

APPROVED FOR THE TRANSPORTATION COMMISSION

NAME _____ TITLE _____ DATE _____

APPROVED as per Federal Highway Stewardship Provisions this _____ day of _____, 20__.

PROJECT DEVELOPMENT ENGINEER

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	0009-392	1	6

Plotting Date: 02/27/2014

STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED

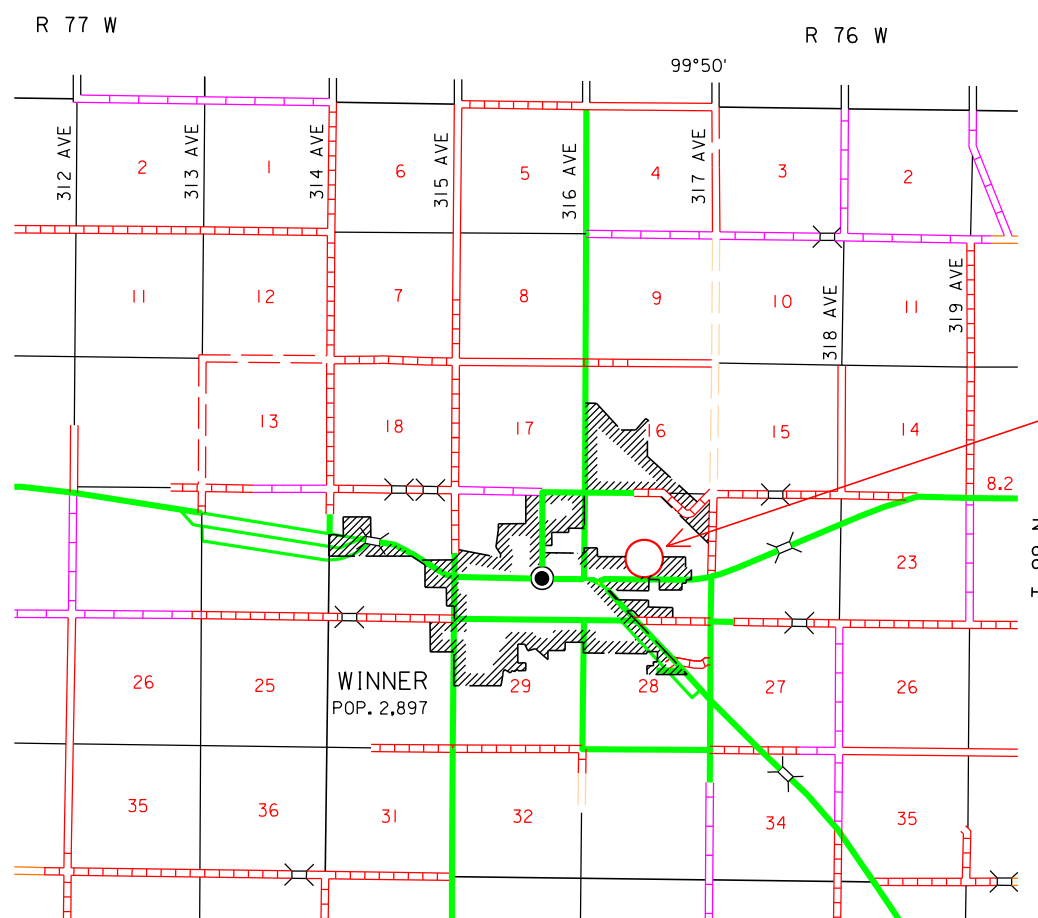
PROJECT 0009-392
SDDOT WINNER MAINTENANCE SHOPSITE
TRIPP COUNTY



INSTALL CONCRETE SLAB OVER FUEL FILL AND MONITORING WELL ACCESS AREA AND MISCELLANEOUS WORK

INDEX OF SHEETS

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| Sheet No. 1 | Layout Map and Index |
| Sheet Nos. 2 - 3 | Plan Notes |
| Sheet No. 3 | Removal Details |
| Sheet Nos. 4 - 5 | Replacement Details |
| Sheet No. 6 | Suppliers Certification |



PROJECT SITE
Winner Maintenance Yard
Site 3226
SE 1/4 SEC 21 T99N R76W

STORM WATER PERMIT
No Permit Required

Plot Scale - 1:17300.9

Plotted From - tw11m20

File - ...Design\Winner Fuel Title.dgn

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	0009 - 392	2	6

Estimate of Quantities

Bid Item Number	Item	Quantity	Unit
	Install Concrete Slab over Fuel Fill & Monitoring Well Access Area at Winner Maintenance Yard	Lump Sum	LS

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2004 Edition and required Provisions, Supplemental Specifications and/or Special Provisions as included in the Proposal.

ENVIRONMENTAL COMMITMENTS

An Environment Commitment is a measure that SDDOT commits to implement in order to avoid, minimize, and/or mitigate a real or potential environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency mentioned below with permitting authority can influence a project if perceived environmental impacts have not been adequately addressed.

Unless otherwise designated, the Contractor's primary contact regarding matters associated with these commitments will be the Project Engineer.

These environmental commitments are not subject to change without prior written approval from the SDDOT Environmental Office. The environmental commitments associated with this project are as follows:

COMMITMENT H: WASTE DISPOSAL SITE

The Contractor shall furnish a site(s) for the disposal of construction/demolition debris generated by this project.

Action Taken/Required:

Construction and/or demolition debris may not be disposed of within the State ROW.

The waste disposal site(s) shall be managed and reclaimed in accordance with the following from the General Permit for Highway, Road, and Railway Construction/Demolition Debris Disposal Under the South Dakota Waste Management Program issued by the Department of Environment and Natural Resources.

The waste disposal site(s) shall not be located in a wetland, within 200 feet of surface water, or in an area that adversely affects wildlife, recreation, aesthetic value of an area, or any threatened or endangered species, as approved by the Engineer.

If the waste disposal site(s) is located such that it is within view of any ROW, the following additional requirements shall apply:

1. Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials shall be buried in a trench completely separate from wood debris. The final cover over the construction and/or demolition debris shall consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the State ROW shall be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor shall control the access to waste disposal sites not within the State ROW through the use of fences, gates, and placement of a sign or signs at the entrance to the site stating "No Dumping Allowed".
2. Concrete and asphalt concrete debris may be stockpiled within view of the ROW for a period of time not to exceed the duration of the project. Prior to project completion, the waste shall be removed from view of the ROW or buried and the waste disposal site reclaimed as noted above.

The above requirements will not apply to waste disposal sites that are covered by an individual solid waste permit as specified in SDCL 34A-6-58, SDCL 34A-6-1.13, and ARSD 74:27:10:06.

Failure to comply with the requirements stated above may result in civil penalties in accordance with South Dakota Solid Waste Law, SDCL 34A-6-1.31.

All costs associated with furnishing waste disposal site(s), disposing of waste, maintaining control of access (fence, gates, and signs), and reclamation of the waste disposal site(s) shall be incidental to the various contract items.

COMMITMENT I: HISTORICAL PRESERVATION OFFICE CLEARANCES

The SDDOT has obtained concurrence with the State Historical Preservation Office (SHPO or THPO) for all work included within the project limits and all designated option borrow sites provided within the plans.

Action Taken/Required:

All earth disturbing activities not designated within the plans require review of cultural resources impacts. This work includes, but is not limited to: staging areas, borrow sites, waste disposal sites, and all material processing sites.

The Contractor shall arrange and pay for a cultural resource survey and/or records search. The Contractor has the option to contact the state Archaeological Research Center (ARC) at 605-394-1936 or another qualified archaeologist, to obtain either a records search or a cultural resources survey. A record search might be sufficient for review; however, a cultural resources survey may need to be conducted by a qualified archaeologist.

The Contractor shall provide ARC with the following: a topographical map or aerial view on which the site is clearly outlined, site dimensions, project number, and PCN. If applicable, provide evidence that the site has been previously disturbed by farming, mining, or construction activities with a landowner statement that artifacts have not been found on the site.

The Contractor shall submit the records search or cultural resources survey report and if the location of the site is within the current geographical or historic boundaries of any South Dakota reservation to SDDOT Environmental Engineer, 700 East Broadway Avenue, Pierre, SD 57501-2586 (605-773-3180). SDDOT will submit the information to the appropriate SHPO/THPO. Allow 30 Days from the date this information is submitted to the Environmental Engineer for SHPO/THPO review.

If evidence for cultural resources is uncovered during project construction activities, then such activities shall cease and the Project Engineer shall be immediately notified. The Project Engineer will contact the SDDOT Environmental Engineer in order to determine an appropriate course of action.

SHPO/THPO review does not relieve the Contractor of the responsibility for obtaining any additional permits and clearances for staging areas, borrow sites, waste disposal sites, or material processing sites that affect wetlands, threatened and endangered species, or waterways. The Contractor shall provide the required permits and clearances to the Project Engineer at the preconstruction meeting.

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	0009 - 392	3	6

DESCRIPTION OF WORK

Principal item of work on this project to be performed by the Contractor includes, but is not limited to, the following items, not listed in order of execution:

- 1) Breakout, remove and dispose of Portland Cement Concrete and Asphalt Concrete around existing fuel fill and monitoring well access areas.
- 2) For both the gas and diesel fuel tanks –
 - Remove and replace tank fill manholes and related fill tubes.
 - Remove and replace tank level/leak detection manholes.
- 3) Place 38' x 9' concrete pad around all manholes.

PERMITS AND LICENSES

The Contractor shall obtain all necessary State and/or City Permits and/or Licenses in accordance with Section 7.2 of the Standard Specifications.

GENERAL CONSTRUCTION

The Contractor shall be responsible for locating underground utilities in the construction area. Care shall be taken by the Contractor so no damage occurs to the utilities. Any damage to the utilities shall be repaired by the Contractor at no cost to the State.

Once work at the site has started it shall proceed in a continuous manner until the project is complete.

Limits for removal of portland cement concrete and asphalt concrete are shown on Sheet 4 of 6. The Contractor shall remove the existing portland cement concrete and asphalt concrete according to the plans. Limits of portland cement concrete and asphalt concrete to be removed shall be defined by a full depth saw cut.

Care shall be taken by the Contractor so as not to damage the existing cathodic protection wires. Any damage to the cathodic protection wires shall be repaired by the Contractor at no cost to the State.

It is the Contractor's responsibility to shape and compact excavated areas to the proper elevations. If any additional granular material is required it will be furnished on site by SDDOT maintenance.

Compaction of the excavated area and all additional granular material placed shall be to the satisfaction of the Engineer.

GAS AND DIESEL FUEL TANK FILL MANHOLES

Contractor shall remove the existing tank fill manholes and related fill tubes down to each fuel tank.

Contractor shall install 4" diameter black steel schedule 40 pipe to replace the existing product fill pipes from each tank to the fill adapter.

Contractor shall install an overflow drop tube, catchment basin with manhole, side seal adapter and side seal cap for each tank.

Drop Tube: Shall be OPW 71SO – 4000 Overflow Drop Tube or equal.

Catchment Basin: Shall be EBW 702-450-01Blk Catchment Basin with Manhole or equal

Side Seal Adapter: Shall be Morrison 405C 0100AA Side Seal Adapter or equal

Side Seal Cap: Shall be Morrison 405C 0100AC Side Seal Cap or equal.

GAS AND DIESEL FUEL TANK LEVEL AND LEAK DETECTION MONITORING MANHOLES

Contractor shall remove each 24" tank level and leak detection monitoring manhole and replace with an 18" diameter round manhole.

18" Diameter Manhole: Shall be OPW 104A–1800 18" Round Manhole or equal.

Contractor shall note that the gas and diesel fuel tank level and leak detection monitoring piping may need to be extended to ensure that they terminate within the limits of their respective manholes. No separate payment will be made to extend piping.

CONCRETE SLAB

Concrete used to construct the 38.0 feet wide by 9.0 feet long by 8 inch thick concrete slab shall be Class M6. The supplier shall complete the DOT-57 form and return it to the Project Engineer prior to furnishing any concrete.

Additional removal of asphalt concrete may be required for concrete formwork. The contractor will NOT be allowed to use the vertical saw cut in the asphalt concrete as a form for the concrete placement.

Concrete slab shall be reinforced with #4 reinforcing steel spaced 12 inches center to center beginning 6 inches from edge of slab. Use 3 inch clear cover on all reinforcing steel around manholes.

The SDDOT will be responsible for replacing asphalt concrete between the existing asphalt concrete and the new concrete pad.

It is the Contractor's responsibility to shape and compact the excavated removal areas to the elevations necessary to provide an 8 inch concrete slab.

The four manholes shall be set to an elevation of 1991.31. Concrete shall be placed at an elevation of 1991.23 in a rectangular shape that encompasses all four manholes. This rectangular shape is approximately 22.0 feet wide by 4.0 feet long and extends a minimum of 15 inches from the nearest point of any manhole. Concrete shall be feathered for approximately one foot around the manholes to transition to the slab elevation of 1991.23.

OR EQUAL CLAUSE

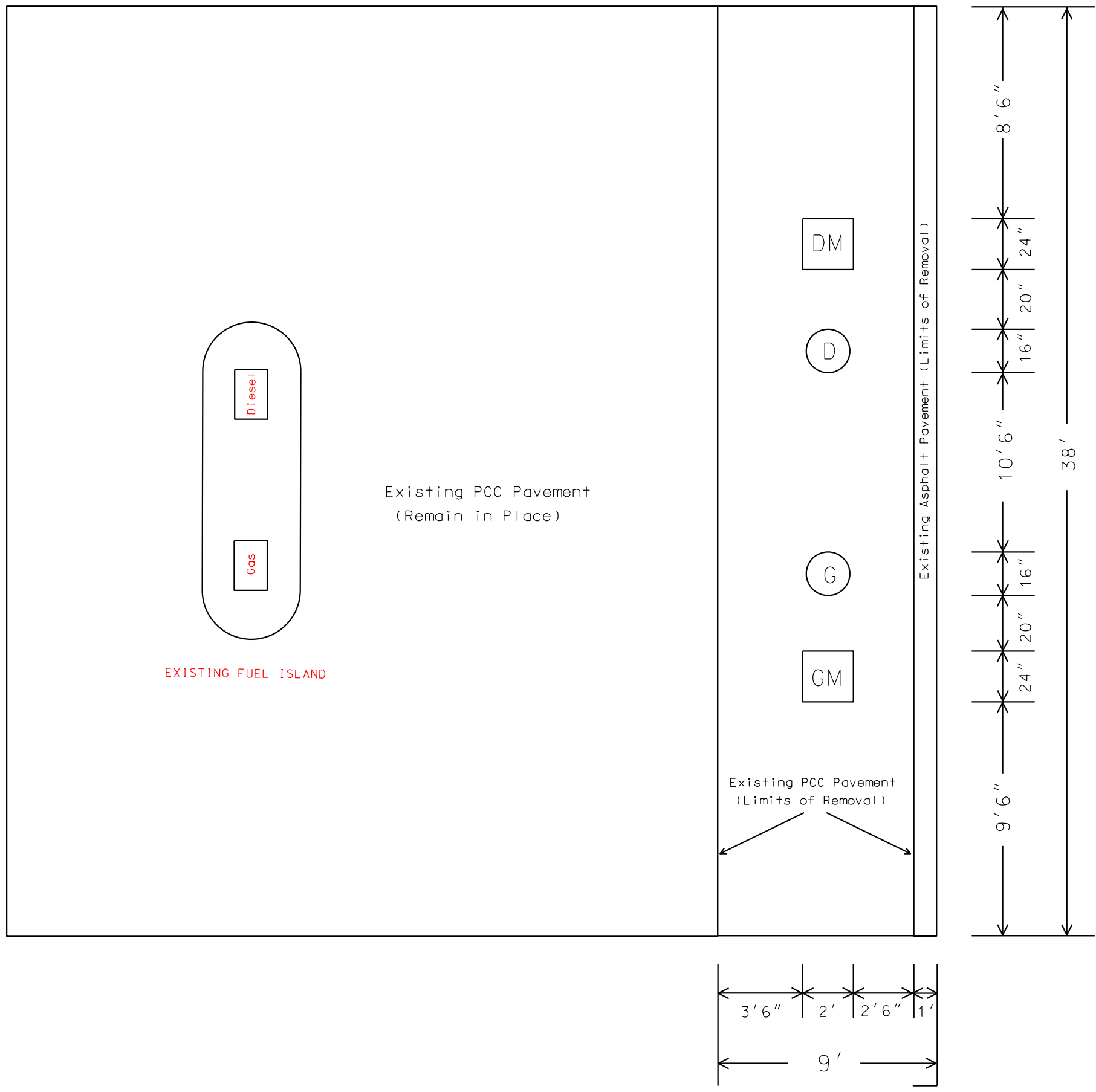
Whenever a material, article, or piece of equipment is identified on the plans by reference to manufacturers' or vendors' names, trade names, catalogue numbers, etc., it is intended merely to establish a standard; any materials, article, or equipment of other manufacturers and vendors which will perform adequately the duties imposed by the general design will be considered equally acceptable provided the material, article, or equipment proposed is, in the opinion of the Engineer, of equal substance and functions. Requests for such approval must be made by submitting catalog cuts and manufacturer's specifications to the Engineer five days prior to the bid opening. The base bid shall be based on materials only as specified or approved.

BASIS OF PAYMENT

All costs associated with furnishing and installing all manholes and manhole fill tube components, disposal of materials, and for constructing the necessary items to allow the Contractor to satisfactory complete the work within this contract shall be incidental to the contract lump sum price for "Install Concrete Slab over Fuel Fill & Monitoring Access Areas at Winner Maintenance Yard".

Labor and equipment involved in the shaping and compaction of the granular backfill material shall be included in the lump sum price for "Install Concrete Slab over Fuel Fill & Monitoring Access Areas at Winner Maintenance Yard".

Plot Scale - 1:47.4609
- Plotted From - Inw1m20



16" DIESEL AND GAS FUEL FILL MANHOLE (D & G)



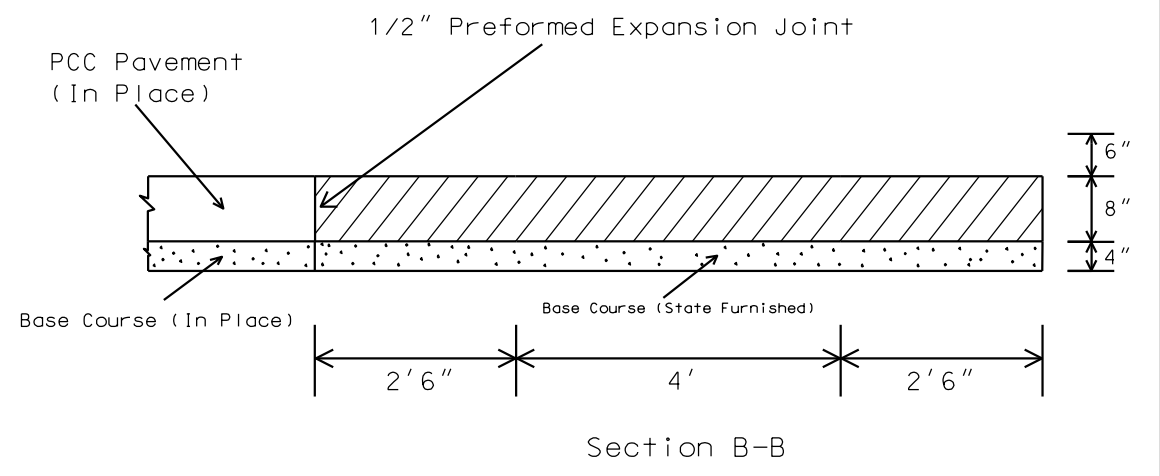
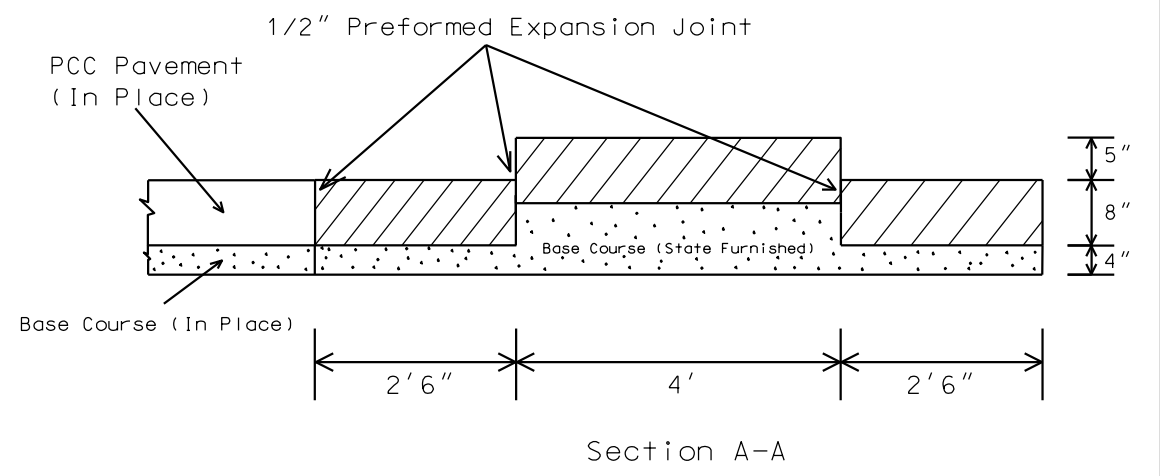
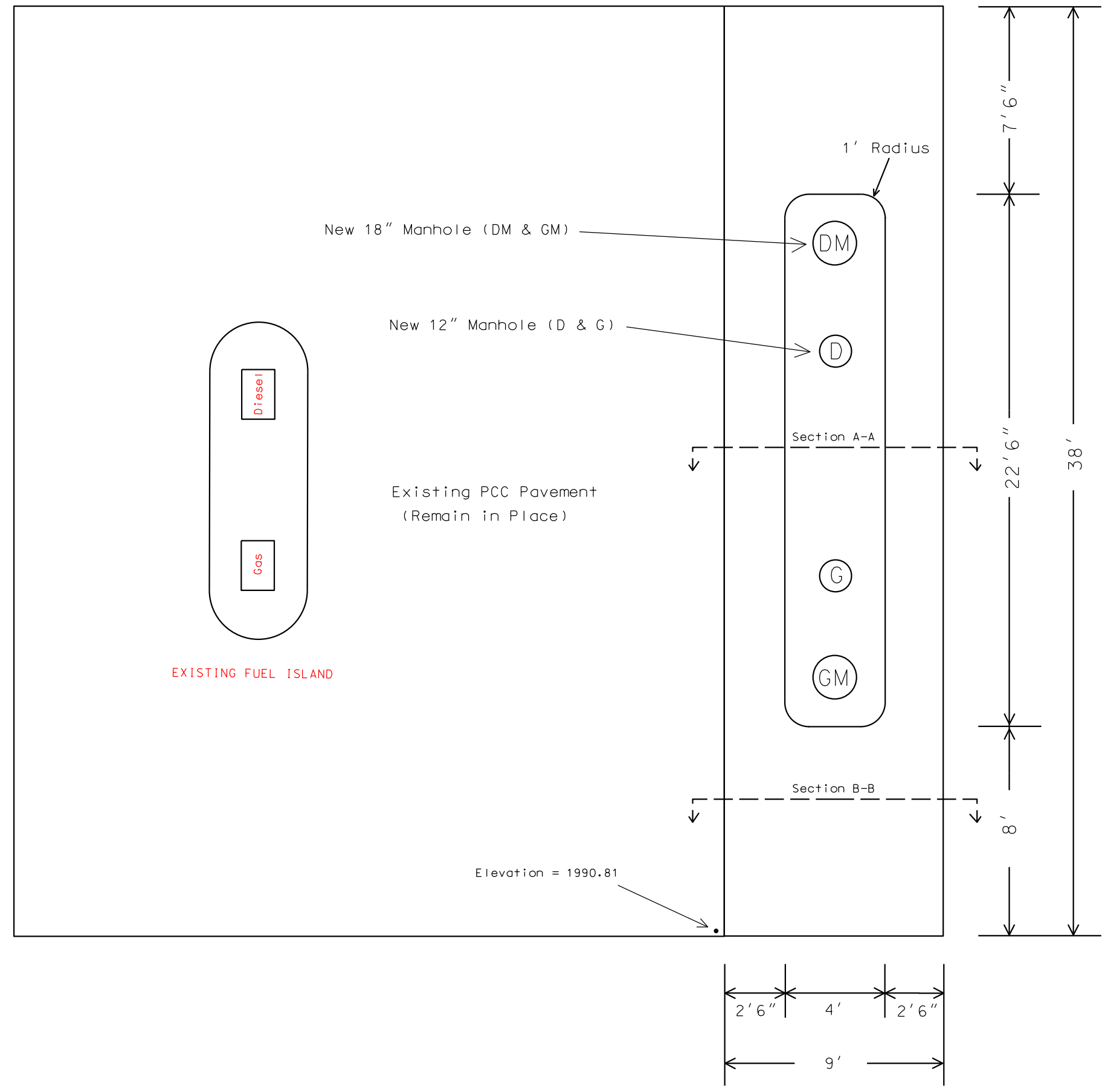
24" DIESEL AND GAS MONITORING MANHOLE (DM & GM)

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	0009 - 392	5	6

Plotting Date: 02/13/2014

Plot Scale - 1:47,4609

-Plotted From- tw11m20



8" PCC Pavement

File - C:\Design\Winner_fueladgn

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	0009 - 392	6	6

Plotting Date: 02/14/2014

SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

DOT-57
(9-10)

FILE NO. _____

SUPPLIER'S CERTIFICATION - CLASS M6 CONCRETE

PROJECT _____ COUNTY _____ PCN _____

SUPPLIER _____

PLANT ADDRESS _____ DATE _____

MIX DATA

_____ lbs. Coarse Aggregate per Cubic Yard

_____ lbs. Fine Aggregate per Cubic Yard

_____ lbs. Cement, Type _____ per Cubic Yard

_____ lbs. Fly Ash, Type _____ per Cubic Yard

_____ lbs. () gals. () Water per Cubic Yard

_____ oz/cwt Air Entrainment

_____ oz/cwt Water Reducer or Other

Source of Coarse Aggregate _____

Source of Fine Aggregate _____

Source of Cement _____

Source of Fly Ash _____

Source & Name of Admixtures _____

I hereby certify the mix and all component materials supplied for Class M - 6 Concrete for use on the above project meet the requirements of the specifications of the South Dakota Department of Transportation.

Supplier or Authorized Representative _____
Signature

Title _____

Date _____