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Kelly/R9/USDAFS@FSNOTES, Stan  
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Stevenson/R9/USDAFS@FSNOTES, Anthony  
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Robinson/R9/USDAFS@FSNOTES  
cc Dan Salm/R9/USDAFS@FSNOTES, Len  
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bcc

Subject Rock Run T.S. pre-work

On 8-7-2007 the following people met to discuss the road reconstruction plans for Rock Run: Len Jedrek, Jeff Stevenson, Steve Dyne (road Builder), Arthur Stewart, Steve Tachoir-Duhring Resources. The biggest impact on this project are the OGM lines buried along the road corridor. Stewart pointed out the pipeline locations and crossings he was aware of but also pointed out that he did not know where any of the inherited AZCO lines were and that work from station 70+00 to end of FR 148 would have to be done very cautiously. We exchanged cell phone numbers in order to keep the lines of communication open in case a situation developed. We got into one vehicle and drove all the project roads and Stewart pointed out all the buried pipeline information he knew. I provided a copy of the work description to Duhring Resources and later mailed him another copy. Dyne anticipates starting work with culvert installation on Monday 8-13-07. He will be doing the excavation. We drove to the identified pit on FR 162. Currently Jeff Yurchick is working on the pit plan, I showed Stewart the pit plan for the identified 446 pit. He was very interested in the pit plan and how it relates to the pit planning for his OGM developments. When we went to the 162 pit the area that was tested for the timber sale had been already removed for OGM use. I mentioned how sometimes the lines of communication between OGM operators and FS are sometimes weak.

Stewart wanted to know the status of his Lot 8 submission. I told him I would check with Bradford RD personnel. I later spoke w/Paul Weese.

There will have to be some changes done on the work description, ie: the new CMP at station 20+40 is no longer needed due to OGM work. some additional pit-run will be needed along 148. a spring seep in the area of sta. 70+00 starting in the center of the road will have to be drained so the road can be stabilized.

I pointed out the OGM plastic line in the existing CMP at sta 131+20. Stewart said that was temporary and would be removed once Lot 8 submission was approved and the new tank battery was in operation. It will have to be handled earlier because the CMP is slated for replacement.. Stewart said he appreciated the opportunity to get together to discuss how our roadwork would impact his operations but requested that he should have been informed during the planning stages of the sale. We concluded the meeting after 1 1/4 hours of discussion. The project has a high potential of hitting an operating line because of the lack of knowledge on their whereabouts by the OGM operator. Dyne said he would do his best to avoid hitting any lines and would have pipeline pinchers readily available. Len Jedrek

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### General Notes

Proposed road construction will be completed prior to timber haul.

Contractor is responsible for maintenance of all Forest Service roads over which pit run or limestone material is hauled. Roads shall be bladed/shaped to restore travel way to the condition found prior to haul.

Contractor shall furnish, erect and maintain the minimum barricades and warning signs identified in the Special Project Specifications until final inspection and acceptance, unless otherwise directed by the Engineer. Signs shall conform to the Manual on Uniform Traffic Control devices (MUTCD).

Oversize material and boulders encountered during construction or remaining after processing on the finished road surface will be hauled back to the pit or placed as directed by Forest Service.

Pit run aggregate quantities are estimated as compacted in place on the road.

Roads shall be completed in such a manner that water shall not pond on roadbed or in ditch lines.

The Forest Service will mark clearing limits.

All removed culverts shall be hauled off Federal lands and become the property of the contractor, unless otherwise indicated for salvage by the Forest Service. Culvert removal is paid for under Pay Item 202.

Forest Service gate plans are available at the Allegheny National Forest Supervisor's Office, 222 Liberty Street, Warren, PA. 16365. The following are gate manufacturers:

Gary Asel  
Marienville, PA.  
(814) 927-8380

ADM Welding  
2818 Penna. Ave. West  
Warren, PA. 16365  
(814) 723-7227

Contouring, topsoil respreading, seeding and mulching of disturbed areas as determined by the Forest Service is required

DSA limestone shall be shipped at optimum moisture content not exceeding 15%. Limestone loads that fail test parameters as discussed in Section 703 of specifications will be rejected.

Fabric to be used under all riprap areas shall be Linq 250EX needlepunched nonwoven geotextile or approved equal.

Contact Pennsylvania One Call at 1-800-242-1776 and all oil and gas operators in the work area before commencing work so that pipelines can be located.

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## FR 148 Cherry Run (Level C)

Station	Road Log/Work Description
0+00	Intersection FR 148 and State Route 948
0+00-138+50	Recondition roadbed see TYPICAL RECONDITION SECTION, clean all culverts and leadoff ditches, perform roadside brushing, see TYPICAL BRUSHING DETAIL NOTE: When replacing culverts, place outlets at ground level or into riprap sections (NO SHOTGUN OUTLETS)
<b>NOTE: CHECK WITH OGM OPERATORS BEFORE ANY EXCAVATION</b>	
0+00-18+00	Existing DSA limestone surfacing
0+25	STOP sign left
0+50	Road number sign right
0+75	OGM roads left and right
1+25	"WEIGHT LIMIT 10 TONS MARCH 1- MAY 15" sign right
1+70	"COMMERCIAL USE PROHIBITED WITHOUT PERMIT" sign right
2+75	18" x 38' CMP/casing
2+43-3+93	Turnout left
5+50	18" x 26' CMP
5+65	NARROW BRIDGE sign left
5+71-6+13	Parking lot left
6+50	18" x 30' CMP
7+67-8+67	Turnout right
9+70-10+22	South Branch Tionesta Creek Bridge
10+35	Private road left, FR 148A right
10+60	24" x 28' CMP
11+40	FR 446 left
13+40	Reshape turnout left
15+40	Reshape turnout right
17+00	Remove 18" x 24' CMP, install 18" x 26' CMP, apply 12 CY pit run
17+00-51+75	Apply 4" DSA limestone surfacing, undercut as needed to provide smooth transition
18+95	Remove 21" x 15" x 24' CMP, install 18" x 26' CMP, apply 12 CY pit run
20+25	Turnout left
20+40	Install 18" x 26' CMP, apply 12 CY pit run
21+00	Tank battery right

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- 22+75 Install 18" x 26' CMP on right forward skew, install ditch block right, apply 12 CY pit run
- 24+40 Remove 18" x 24' CMP, install 18" x 26' CMP, apply 12 CY pit run
- 24+85 Remove 21" x 15" x 25' CMPA, install 18" x 26' CMP, apply 12 CY pit run
- 26+25 Remove 18" x 26' CMP, install 18" x 26' CMP, apply 12 CY pit run, place 3 tons R-5 riprap at outlet
- 27+60 Rock drain, install 18" x 26' CMP, apply 12 CY pit run
- 28+25 Remove 21" x 15" x 24' CMPA, spring, install 18" x 26' CMP, apply 12 CY pit run
- 28+65 Remove 18" x 24' CMP, install 18" x 26' CMP, apply 12 CY pit run
- 28+65 Reconstruct turnout left, apply 12CY pit run surfacing, place 3 tons R-5 riprap at outlet
- 29+35 New well location right
- 29+55 Remove 18" x 26' CMP, backfill with 12 CY pit run
- 30+00 Install 18" x 26' CMP on right forward skew, apply 12 CY pit run, excavate to drain spring into inlet
- 31+95 Remove 18" x 28' CMP, install 18" x 28' CMP, apply 12 CY pit run
- 33+00-45+00 Apply 6" pit run base course
- 33+30 Turnout right, well 5' left
- 34+00 Remove 21" x 15" x 26' CMPA, install 18" x 26' CMP (lower outlet), apply 12 CY pit run, spring, place 4 tons R-5 riprap at outlet
- 34+75 Remove 18" x 30' CMP, install 18" x 32' CMP (lower outlet), apply 12 CY pit run, spring, place 3 tons R-5 riprap at outlet
- 36+05 Remove 18" x 26' CMP, install 18" x 28' CMP, apply 12 Cy pit run
- CAUTION: Pipeline in right ditch contact 723-3221**
- 37+40 Install 18" x 28' CMP on right forward skew, apply 12 CY pit run
- 38+90 Remove 21" x 15" x 26' CMPA, install 18" x 28' CMP, apply 12 CY pit run, place 4 tons R-5 riprap at outlet
- 40+90 Remove 18" x 32' CMP, install 18" x 32' CMP, apply 12 CY pit run
- 40+90-44+45 Remove berm left
- 44+25 Reconstruct turnaround right, apply 24 CY pit run
- 44+45 18" x 30' steel casing

45+00-51+75 Place 8 loads (96 CY) pit run base course as directed by Forest Service inspector

46+80 Remove 21" x 15" x 30' CMPA, install 18" x 30' CMP, apply 12 CY pit run, place 4 tons R-5 riprap at outlet

47+90 Road right, has 12" culvert draining to 46+80

48+88 Remove 18" x 30' CMP, install 18" x 30' CMP, apply 12 CY pit run, place 4 tons R-5 riprap

50+10 Rock drain, install 18" x 26' CMP, apply 12 CY pit run

51+75 21" x 15" x 27' CMPA

52+00 Reconstruct turnout right, add 24 CY pit run to widen, re-establish ditch on back side

57+35 Turnout right, road left

58+20 Rock drain

61+30 Remove 18" x 26' CMP, install 18" x 28' CMP, apply 12 CY pit run

64+30 21" x 15" x 30' CMPA

66+25 Turnout right

67+60 Overhead power line crossing

68+95 Remove 18" x 26' CMP, install 18" x 28' CMP, apply 12 CY pit run

71+20 Remove 21" x 15" x 26' CMPA, install 18" x 26' CMP, apply 12 CY pit run

71+90-77+00 Remove berm left, seed and mulch

72+55 Reconstruct turnaround right, apply 24 CY pit run

72+85 Remove 18" x 24' CMP, install 18" x 28' CMP, apply 12 CY pit run

73+00 Install Forest Service gate

74+05 OGM road left to tank storage

75+30 Remove 18" x 28' CMP, install 18" x 28' CMP, apply 12 CY pit run

75+90 Re-establish drive thru dip on OGM spur road right to drain water to 75+30

76+00 OGM road right, well site left

76+65 Remove 18" x 32' CMP, install 18" x 32' CMP, apply 12 CY pit run, cut outlet ditch to divert water away from OGM road at 76+00

79+30 Remove 18" x 34' CMP (pipe buried), install 18" x 34' CMP, apply 12 CY pit run

82+35 OGM road left

85+10 OGM road left

85+25 Well jack left

86+25 Reconstruct leadoff ditch right for 50'

89+85 FR 163 right

CHECKING  
PIT IS  
TRIP

91+60	Road left and well jack right
92+55	Pipeline crossing
95+05	Remove 12" x 20' culvert, install 18" x 26' CMP, apply 12 CY pit run
96+65	Well right
96+70-105+00	Apply 4" DSA limestone surfacing, undercut road as necessary to provide smooth transition
97+05	Remove 18" x 18' CMP, install 18" x 26' CMP on right forward skew, apply 12 CY pit run
98+75	Remove 16" x 20' steel casing, install 18" x 26' CMP no skew, apply 12 CY pit run
100+00	Install 18" x 28' CMP, apply 12 CY pit run
101+05	Remove two 24" x 24' CMPs, install 64" x 43" x 30' CMPA, apply 72 CY pit run surfacing
102+00-104+50	Re-establish ditch right, excavate and sidecast spoil, seed and mulch, construct sediment basins both sides of road
103+00	Reshape turnout left
104+80	OGM road left
105+15	Road into Tionesta Scenic Area road left with green gate
105+85	Remove 18" x 22' CMP, install 18" x 26' CMP, apply 12 CY pit run
107+75	OGM road left to well, OGM road right
112+80	OGM well right
114+45	OGM road left
116+30	Remove 18" x 22' CMP, install 18" x 26' CMP, apply 12 CY pit run
116+50	OGM road right
120+30	OGM road left with steel pipe casing
120+55	18" x 36' CMP
124+90	OGM road right
126+30	Remove 18" x 22' CMP, install 18" x 26' CMP, apply 12 CY pit run
126+50	Turnout left
128+25	Install 18" x 26' CMP on right forward skew, construct 25' outlet ditch, apply 12 CY pit run
129+30	Tank battery left and OGM road right
131+20	Remove 18" x 22' CMP, install 18" x 26' CMP, apply 12 CY pit run, remove plastic OGM line from CMP (by OGM operator)
134+35	Parking area right, power line corridor
137+75	Remove 18" x 24' CMP, install 18" x 26' CMP, apply 12 CY pit run
138+40	FR 162 left,
138+50	End reconditioning

## FR 162 West Fork Run (Level C)

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Station	Road Log/Work Description
0+00	FR 148 station 138+40
<b>NOTE: CHECK WITH OGM OPERATORS BEFORE ANY EXCAVATION</b>	
0+00-58+80	Recondition roadbed see TYPICAL RECONDITION SECTION, perform roadside brushing, see TYPICAL BRUSHING DETAIL
0+25	Remove 12" x 30' CMP, install 18" x 30' CMP, apply 12 CY pit run, install carsonite post at inlet and outlet, excavate around intersection radius to drain water to inlet
0+25	Install "STOP" sign left
0+30	Road number sign right
0+85	Forest Service gate
1+15-2+50	Turnout right
2+75	OGM road right
4+50	Install 18" x 30' CMP on right forward skew, apply 12 CY pit run
5+35	Power line crossing
7+60	Install 18" x 30' CMP on right forward skew, apply 12 CY pit run
9+05	Well site left
9+95	Remove 12" x 22' CMP, install 18" x 30' CMP on right forward skew, apply 12 CY pit run
14+65	OGM road right and left
14+95	Remove 24" x 34' CMP, install 24" x 36' CMP, apply 12 CY pit run
15+15	OGM road left
17+15	Remove 18" x 24' CMP, install 18" x 26' CMP, apply 12 CY pit run
20+20-20+80	Turnout right
23+90	Remove 18" x 28' CMP, install 18" x 30' CMP, apply 12 CY pit run
24+15	Road to tank battery left
25+40	OGM road right
25+70	18" x 43' steel casing on right forward skew, excavate 50' of road ditch to inlet, sidecast spoil
26+25	Tank battery left
28+80	Install 18" x 32' CMP on right forward skew, apply 12 CY pit run
30+10	Well site right
30+35	Construct leadoff ditch

$$\frac{18}{208} \quad \frac{24}{36}$$

30+35-38+35	Apply 4" DSA limestone, undercut road to provide smooth transition
31+05	18" x 42' steel casing, remove and re-install with outlet on natural ground, apply 12 CY pit run, install sediment basin
31+10	OGM road left
32+10	72" x 60' CMP
33+05	OGM road left, install sediment basin
33+05-51+35	<i>CAUTION: OGM pipe line right side</i>
33+65	18" x 32' CMP on right forward skew, install sediment basin
33+65-34+20	Turnout right
35+50	Buried line marker
38+35	Remove 18" x 30' CMP on right forward skew, install 18" x 32' CMP, apply 12 CY pit run, install sediment basin
38+35-39+80	Turnout right
43+05	Remove 18" x 32' CMP on right forward skew, install 18" x 32' CMP, apply 12 CY pit run
47+75	Remove 18" x 32' CMP on right forward skew, install 18" x 32' CMP, apply 12 CY pit run
48+05	Buried line crosses road
49+50	Turnout right
51+35	Remove 18" x 32' CMP on right forward skew (buried), install 18" x 32' CMP, apply 12 CY pit run
52+90	Well site right
53+55	OGM road left
53+70	Pit opening starts
54+05	Gas well right
55+15	End of pit opening
55+15-58+80	Excavate/sidecast seed mulch ditch left
55+35	Old cable gate
57+90	Major power line crossing
58+80	End of road, OGM roads left and right

18"  
 128

## FR 163 Cherry Knob (Level C)

Station	Road Log/Work Description
0+00	FR 148 station 89+85
0+00-58+80	Recondition roadbed see TYPICAL RECONDITION SECTION, cleaning all culvert inlets and outlets, perform roadside brushing, see TYPICAL BRUSHING DETAIL
<b>CAUTION: Buried lines both sides of road, CHECK WITH OGM OPERATORS BEFORE ANY EXCAVATION</b>	
0+30	Road number sign right
1+75	Remove old culvert pieces from left shoulder
2+70	Road to pit opening
4+60	Forest Service gate
<del>5+25</del>	Install 18" x 28' CMP on LFS, apply 12 CY pit run
7+50	Install 18" x 28' CMP on LFS, apply 12 CY pit run
8+40	OGM road left
8+40-8+75	Excavate ditch right
8+75	Remove 18" CMP, install 18" x 28' CMP, apply 12 CY pit run
11+30	OGM road left
14+20	18" x 30' CMP
14+65-15+85	Turnout right
17+90-18+60	Turnout left
18+75	OGM road right
19+35	OGM road left
20+20	Major power line crossing
20+90	OGM road right
25+55	Reconstruct leadoff ditch right for 30'
26+30	Oil well site right
27+10	18" x 28' CMP
30+30	OGM road left
32+55	OGM road right, turnaround left
33+80	Oil well site left
39+80	Remove 18" CMP, install 18" x 30' CMP, apply 12 CY pit run
41+85	OGM road right
42+50	OGM road left
48+10	OGM road left
48+35	Remove 18" CMP, install 18" x 30' CMP, apply 12 CY pit run
50+30	OGM road right, remove driveway casing right, construct drivable ditch, take casing to station 2+50 OGM storage yard
56+50	OGM road left
58+80	End of road reconditioning, spur roads left and right, add 12 CY pit run to spur left

8/28

DROP  
OGM  
012