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REGIONAL REPORTS, EMILIA REGION, (IX)
AUG. 1944 - FEB. 1945

ACC / 147 / PND

REGIONAL REPORTS

"EMILIA REGION" (IX)

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FROM AUG. 1944
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HEADQUARTERS EMILIA REGION
ALLIED MILITARY GOVERNMENT
APO 394

RECEIVED
PW & U DIVISION
5 FEB 1945 147

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1 February 1945

Reference : RIX/FU/19

Subject : Monthly Report, PW & U Division, Emilia Region
for January 1945

To : Director, Public Works & Utilities, Sub-Commission
HQ Allied Commission
APO 394

7/2

1. Herewith report in duplicate of the activities of this Division outside of Eighth Army AMG area. Report of that area will be made through channels.

For the Regional Command

W. M. Spann
William M. Spann, Lt. Col. AUS
Regional Engineer Officer
Emilia Region

Enclosures :

2 copies report

del Rhodes
del

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File - Jan 2 (Tomb?)

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7107

HEADQUARTERS EMILIA REGION
ALLIED MILITARY GOVERNMENT
AFO 394

Reference : REX/FU/19

1 February 1945

Subject : Monthly report on Public Works and Utilities
January 1945To : Director, Public Works and Utilities Sub-Commission
Headquarters Allied Commission,
AFO 394

Thru : Regional Commissioner, Emilia Region

1. General Remarks

As far the AMG Eighth Army territory is concerned, all Regional Specialist Officers became in effect staff officers of AMG Eighth Army as from 9 Dec 44 and all matters relating to AMG Eighth Army have been made the subject of a separate report to the S.C.A.O. It is understood that this report has been forwarded to you by the S.C.A.O.

All occupied territory in Emilia Region is either in the 5th or 8th Army zone. There is no Regional activity in the 5th Army area, covered by parts of Modena, Bologna and Forli Provinces. No action has been taken on repairs to the water distribution system at Tredozio for which 5th Army supplied pipe and lead due to bad roads and inaccessibility. Bridges on Road from Tredozio to Modliagana will be on a low priority as the two places mentioned are accessible from Route 67.

2. Staff and Personnel

All personnel of the division is engaged on activities in 8th Army area, and details are covered in the report to the S.C.A.O.

4. Electricity

In order that long range plans can be studied request has been made for a visit by a representative of the Electrical Division of the Sub-Commission from Headquarters A.C. The needs of this area can be studied and its demands, present and future, can be coordinated with potential supplies of electricity to be made available.

5. Transport

This report would not be complete unless some comment is made on this subject, if only for the purpose of explaining apparent neglect of duty or failure to accomplish missions or assignments in the manner intended by the organization. In other words, it would seem that the statement of facts is only to record one of the difficulties that interrupt and retard progress.

The engineering organization (Genio Civile, Comune and Consorzio engineers) have inadequate transportation or none at all. Cars can be had but tires are not. Those tires in use are so thin that there are frequent punctures and blowouts with no means of repair. One consorzio engineer, a man of 60 years, covers his area on a bicycle while his assistants walk. They get the job done eventually.

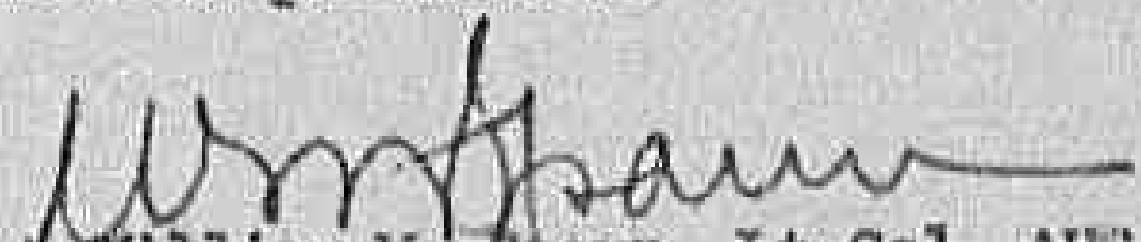
In the Regional Office of this Division, two cars (1 jeep and 1 1100 Fiat) are available for use of 4 officers. The jeep has a spare tire and chains but

-2-

the civilian car has no spare, no chains and no repair facilities. Under present snow and icy road conditions activities are limited and movements are controlled by the weather. Military transport, in good condition, is the only satisfactory solution of the problem.

6. Miscellaneous

The present situation, whereby we are working for 8th Army AMG, in our future region, gives us an opportunity to start at the beginning of the job and take full advantage of all information gained to plan ahead.


William M. Spann, Lt. Col. AUS
Regional Engineer Officer
Emilia Region

Distribution :

2 copies : Director PW & U
2 copies : Regional Commissioner, Emilia Region
1 copy : File

7105

HEADQUARTERS EMELIA REGION
ALLIED MILITARY GOVERNMENT

WMS/ 3

A P O 394

Public Works and Utilities Division

Reference: IXR/FU/19

27 November 1944

REPORT

Public Works and Utilities Division

Emelia Region

NOVEMBER 1944

1. GENERAL REMARKS. Occupied areas of Emilia Region are entirely within the Army zones. No part of the region has been turned over to the Italian Government for administration. Forli Province is practically free of enemy troops but there is activity in the western portion. Small areas in Ravenna, Modena and Bologna Provinces are occupied but Ravenna Province is the only one in which this division has been active.

This report is therefore a summary of the activities within the Army areas working under the direction and instructions issued by Headquarters A. M. G. of the Army concerned. The principal work has been in connection with the preliminary rehabilitation of facilities for water, lights or power, bridges and drainage problems. Every effort has been made to render all possible service and assistance when the opportunity to do so was presented. Public works officials of Forli and Ravenna Provinces were found and instructed to organize forces for programs ahead.

2. STAFF AND PERSONNEL. The personnel of this division has been equally divided on the two Army fronts, as follows -

5th Army front:

Capt. E. H. Rogers, Elect. Engr Officer - Hq at Saltino.
Capt. R. P. Weber, Highway Engr Officer - Hq at Pistoia.
Pfc. Louis D'Angelo, Clerk, Hq at Pistoia.

8th Army front:

Major W. H. Gamble, Public Works Officer - Hq at Riccione.
Major W. M. Sparr, Regional Engineer Officer - Hq at Riccione.
Pfc. Anthony Campanelli, Clerk-Interpreter - Hq at Riccione.

No Italian personnel has been attached and will not be requested until conditions permit of use and efficiency.

3. INSPECTION TOURS. Inspections were made on both fronts of operations in progress usually accompanied by the officers in charge. Contacts have been maintained with A. M. G. Army headquarters at all times.

4. Military HIGHWAYS. On the Adriatic side routes 16, 9, 72 and 67 are now being maintained as military highways. Route 74 has been eliminated as a military necessity. No definite information is at hand on military routes on the 5th Army front, but it is assumed that Routes 63, 12, 64 and 65 are of importance and will be used by the Army. All work is being done by Army personnel and such civilian labor under Army direction as is needed. No projects have as yet been turned over to the Region for handling.

5. OTHER HIGHWAYS. Reconnaissance surveys have been made on roads in the occupied part of Forli Province to determine where bridges should be rebuilt to form an adequate road net for civil supply distribution. Bailey bridges used for operational purposes are being removed very rapidly so that parts of the province are reached with difficulty or are isolated for heavy traffic. The Genio Civili at Forli is setting

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under the direction and instructions issued by Headquarters A. M. G. of the Army concerned. The principal work has been in connection with the preliminary rehabilitation of facilities for water, lights or power, bridges and drainage problems. Every effort has been made to render all possible service and assistance when the opportunity to do so was presented. Public works officials of Forli and Ravenna Provinces were found and instructed to organize forces for programs ahead.

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Pfc. Louis D'Angelo, Clerk, Hq at Fisticia.

8th Army front:

Major W. M. Gamble, Public Works Officer - Hq at Riccione.
Major M. M. Spann, Regional Engineer Officer - Hq at Riccione.
Pfc. Anthony Campenelli, Clerk-Interpreter - Hq at Riccione.

No Italian personnel has been attached and will not be requested until conditions permit of use and efficiency.

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4. MILITARY HIGHWAYS. On the Adriatic side routes 16, 9, 72 and 67 are now being maintained as military highways. Route 71 has been eliminated as a military necessity. No definite information is at hand on military routes on the 5th Army front, but it is assumed that Routes 63, 12, 64 and 65 are of importance and will be used by the army. All work is being done by army personnel and such civilian labor under army direction as is needed. No projects have as yet been turned over to the Region for handling.

5. OTHER HIGHWAYS. Reconnaissance surveys have been made on roads in the occupied part of Forli Province to determine where bridges should be rebuilt to form an adequate road net for civil supply distribution. Bailey bridges used for operational purposes are being removed very rapidly so that parts of the province are reached with difficulty or are isolated for heavy traffic. The Genio Civili at Forli is setting up his organization and will start plans immediately on the most critical bridges needed, taking into consideration scarcity of materials. Diversions and temporary structures will be made where possible.

6. PUBLIC WORKS. Buildings in the area covered by the Gothic Line were damaged to a greater extent than those in other areas. No surveys have yet been made to list extent of damage done.

7. ELECTRICITY. The bulk of the electricity used in the area at present occupied came from outside sources. Therefore the only power available is from small units operating under Army control. Units with a limited output are operating in the towns of Cattolica, Rimini, Cervia, Cesena and Meldola. Plans are under way to provide a limited supply of power to Forli within 30 days. A survey will be started soon to report on facilities available within the area with urgent and immediate needs. Rationing of available power is now under Army control.

Emilia Region - PW2U
November Report. (Continued)

8. INDUSTRIES AND FACTORIES. Data is not yet at hand for the needs of power and consumption needs of the various industries. Some flour mills are operating but the surveys on factories are incomplete. We are in position to cooperate with the Industrial Officer in completing the surveys needed.

9. PUBLIC UTILITIES. Damage has been great on all waterworks installations that we have inspected. Availability of water in quantity just below the surface of the ground has helped to make temporary installations possible in many cases. Limited supplies are available for Cattolica, Riccione, Rimini, Cervia, Cesana and Forlì. Operations are under Army control as all places are occupied by troops and the army engineers have been able to supply equipment when shortages existed. The water supply of Ravenna has its source at Torre Pedrera just north of Rimini. The installation was damaged and the pipe line broken in many places. Pumps are under way to have that part of the system in occupied areas ready for use as soon as Ravenna is captured. There seems to be no treatment of sewage in the area. Raw sewage is dumped into the streams or sea and restrictions have been set up by the Army commander on the use of oysters taken from the east coast in this vicinity.

Gas installations so far seen are wrecked but the extent of damage has not been determined. Since the coal shortage is acute there seems little possibility or use in surveying the facilities now except for informational purposes.

10. MATERIALS. We have no inventory of materials. There seems to be a shortage of cement and bricks for bridge work. Timber can be had by hauling from the forests in the mountains around Montefiore Pass on Route 71. Sand and Gravel are in ample quantities. Lumber is limited to salvaged materials and army saw mill capacity.

11. TRANSPORT. Civilian transport in the area is nil. The Germans seem to have stripped the area of trucks owned by civilians. We must depend at present at least on what the army can provide if we are to do any construction work. This means transport of men to the job as well as materials of construction. There seem to be cars available for use of the civilian engineer forces but they are continually asking for tires.

12. FUELS. A reconnaissance survey was made for possibilities of getting wood and charcoal from the Fenabilli area and a route with no bridges out was suggested. Coal supplies are limited to stocks found in some industries and there is no gas.

13. MISCELLANEOUS. It is to be noted that due to conditions and circumstances this report deals only in generalities. Statistical data is being collected on all items that come under this division and reports will be made as required. The lowlands in the Ravenna area are flooded and much damage has been done the pumping installations. One station at Cervia has been salvaged and dikes constructed so that pumping should be started by 1 November. Lists of Contractors and Engineers are in process of formation and will be forwarded soon.

W. M. Spann
William M. Spann, Major AUS,
Regional Engineer Officer.

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W. M. Spahn
William M. Spahn, Major US, 183,
Regional Engineer Officer.

Copies to:

Regional Commissioner, Emilia.
Director PWU Sub-commission.

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Headquarters
EMELIA REGION
Allied Military Government
APO 394

6 NOV 1944
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CEB

PW & U.
WMS/s 2445
2

31 October 1944

Reference: RIX/PU/19

SUBJECT: Report PW&U for October.

TO: Director, Public Works and Utilities Sub-Commission,
Headquarters Ac,
APO 395.

1. The attached report in duplicate covers the activities of the personnel of the Public Works and Utilities Division of the EMELIA REGION for the month of October 1944.
2. Progress of occupation of this region continues to be slow with the occupied zone at this time running south of Bologna, Forli and Ravenna as of this date.



FOR THE REGIONAL COMMISSIONER.

Wm Spann
William M. Spann,
Major CMF AUS,
Regional Engineer Officer.

Enclosures:

2 copies October report.

May Westwood
6/11

7102

HEADQUARTERS
EMILIA REGIONAllied Military Government
A P O 394

MSS/s

31 October 1944

REPORT

Summary of Activities
PUBLIC WORKS AND UTILITIES DIVISION
OCTOBER 1944

EMILIA REGION (Regional Engineer: Major W. M. Spann)

- (a) General Remarks: The personnel of this division was engaged in assisting 5th and 8th Army AMG headquarters, and in various duties in the Army area in cooperation with provincial teams as advances were made. ~~to include more territory.~~ On the 5th Army side no work was done in Emilia Region except a conference with the CRE regarding the maintenance of roads in the 13th Corps Area with special regard to supply of ~~civil~~ labor on the road work. Assistance was rendered to the city of Pistoia in its water and lights. On the 8th Army side the work covered general assistance on lights, water, and operations in connection with flour mills.

2. Staff and Personnel: The division staff is as follows:

Major W. M. Spann, Regional Engr Officer - Hq at Saltino.
 Major W. H. Gamble, Public Works Officer - Hq at Riccione.
 Capt. E. H. Rogers, Electrical Engr. Officer, Hq at Saltino.
 Capt. R. E. Weeber, Highway Engr. Officer - Hq with Bologna City Team.
 Pfc Anthony Camparelli, Clerk - Hq at Saltino. (Interpreter)
 Pfc Louis A. D'Angelo, Clerk - Hq with Capt. Weeber. (Interpreter)

Request will be made for assignment of qualified technical Italian personnel to work with the above officers as specialists as soon as Headquarters are established in the Region and they can be attached as civilians.

- (b) Military Highway - The Maintenance and reconstruction work on all highways at this time comes under Army Engineers and CRE's. The need for Bailey bridges ~~on~~ on roads not now required for military ~~traffic~~ will necessitate immediate attention in Forlì Province as reconstruction of ~~the~~ bridges or the construction of adequate diversions. Plans are being made for this work under 8th Army direction. Heavy rains ~~causing~~ ~~causing~~ floods and shortages of critical materials will render the job more difficult. Attention is also being given to damaged done to roads and bridges in San Marino.

- (c) Public Works and Utilities - On the 5th Army front the City of Pistoia was provided with 3000 cubic meters of water per day by making repairs to damaged aqueducts. An additional 1000 cubic meters will be provided by repairs to pipe lines now in progress. Materials were supplied by 5th Army, and labor furnished by the Comune. The power plant at S. Marcello was repaired and put into operation by the power company, producing about 700 KW. ~~150 KW~~ of which was allocated to Pistoia for mills and lights, the remainder going to military installations in 4th Corps area.

On the 8th Army side the water mains were repaired and pump station reconstructed to supply water to Riccione, and Cattolica and part of the City of Rimini. Diesel engines were obtained and generators set up in the power plant at Cattolica to deliver about 110 KVA. Repairs were made to transmission lines ~~of~~ 12 kilometers to deliver power to the pump station at Riccione. Three electric pumps are in operation with a capacity of 47 liters per second. The reservoir was used by the enemy as a latrine and is now being cleaned and sterilized. In the meantime water is being delivered direct to the distribution system. (Capacity of reservoir is 80,000 gallons) the bulk of the work done was by the 13th Royal Canadian Engineers, assisted by the German engineer and his staff. The water supplied to Rimini provides ~~about~~ one third of the requirements.

2. Staff and Personnel: - The division staff is as follows:

Major W. M. Stern, Regional Engr Officer - Hq at Saltino.
 Major M. E. Gamble, Public Works Officer - Hq at Riccione.
 Capt. E. H. Rogers, Electrical Engr. Officer, Hq at Saltino.
 Capt. E. P. Woodard, Highway Engr. Officer - Hq with Bologna City Team.
 Pfc Anthony Camanelli, Clerk - Hq at Saltino. (Interpreter)
 Pfc Louis A. D'Angelo, Clerk - Hq with Capt. Weeber. (Interpreter)

Request will be made for assignment of qualified technical Italian personnel to work with the above officers as specialists as soon as Headquarters are established in the Region and they can be attached as civilians.

(b) Military Highway - Maintenance and reconstruction work on all highways at this time comes under Army Engineers and CRE's. The need for daily bridges used on roads not now required for military purposes will necessitate immediate attention in Forlì Province on reconstruction of main bridges or the construction of adequate diversions. Plans are being made for this work under 8th Army direction. Heavy rains causing slides and shortages of critical materials will render the job more difficult. Attention is also being given to damages done to roads and bridges in San Marino.

(c) Public Works and Utilities - On the 5th Army front the City of Pistoia was provided with 3000 cubic meters of water per day by making repairs to damaged aqueducts. An additional 1000 cubic meters will be provided by repairs to pipe lines now in progress. Materials were supplied by 5th Army, and labor furnished by the Comune. The power plant at S. Marcello was repaired and put into operation by the power company, producing about 700 KW, 150 KW of which was allocated to Pistoia for mills and lights, the remainder going to military installations in 4th Corps area.

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Assistance has been given AMG 8th Army through the Provincial Commissioner of Forlì Province in obtaining machinery for operating flour mills in the communes of Savignano and Cattolica, and other investigations are in progress. Supplies mines are being investigated at Forlignano, for purposes of operation. Advice was given to the Montifellone Comune on its water supply and the securing of various supplies. Work will be started on the water supply at Rimini.

(d) Public Utilities - Damage to buildings in the area varies to a large degree, some places in Rimini being totally destroyed. The area along the Adriatic is low and in places swampy. Anti-malaria at present ~~is~~ being handled by the armed forces, only for military government.

Public Utilities - The area south of Ravenna to include Cervia has been flooded by destroying dykes along the Savio River and gates ~~in~~ canals to the salt works at Cervia. Of the two pump stations at Cervia one is totally destroyed but the other is in good shape. The local commune engineer, with the aid of the local CAO, will immediately start operations to restore conditions north of the city, and start the pump station going. The area south of the city will drain by gravity to a certain level at low tide, but some areas will be wet until new pumps can be installed. No plan has been suggested. All ~~the~~ power plants so far inspected are destroyed, and ~~no~~ power in the area will have to be imported or supplied by local installations until ~~the~~ equipment can be secured to ~~change~~ the situation to normal. At some date in the near future it is suggested that a Sub-Commission representative look into the situation from a general point of view to see what can be done.

(e) Public Utilities - The Regional Engineer confirms the damage to the public utilities transport is so short it is suggested that some steps be initiated to supply at least one jeep in each army area from army sources if possible. Civilian cars are practically useless in the mud and damaged areas and no military transport is much more satisfactory. See all angles in the combat zone.

8. Final Remarks - Indications are that low-lying areas in Ravenna and Ferrara Provinces will be flooded as the enemy retreats. As evidenced at Cervia the local civilian guards are making some effort to save the pump stations. Details of local situations will be reported as information is received.

W. H. Sperry
William H. Sperry,
Major CAP US, ~~US~~
Regional Engineer Officer,

north of the city and start the pump station going. The area south of the city will drain by gravity to a certain level at low tide, but some areas will be wet until new pumps can be installed. No plan has as yet been made. All the power plants so far inspected are destroyed, and the power in the area will have to be imported or supplied by local installations until the equipment can be secured to return the situation to normal. At some date in the near future it is suggested that a Sub-Commission representative look into the situation from a general point of view to see what can be done.

(e) *The Regional Engineer's compliance of strategy of transport. He*
Transportation - Since present operations are in forward areas and regional transport is so short it is suggested that some steps be initiated to supply at least one jeep in each army area from army sources if possible. Civilian cars are practically useless in the mud and damaged areas and also military transport is much more satisfactory. See all angles in the combat zone.

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W. M. Spann
 William M. Spann,
 Major CAP US,
 Regional Engineer Officer.

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29 AUG 1944

HEADQUARTERS REGION IX
ALLIED MILITARY GOVERNMENT
APO 394

147 CB. IX

August

26 August 1944

R IX/FU/01 Reports

To : Regional Commissioner, Region IX
Director, Public Works & Utilities Sub-Commission
APO 394

Subject: Report on Activities of
Public Works & Utilities Division.

1. The attached report covers the activities of this division for the month of August 1944.

Wm Spann

William E. Spann, Major AUS
Regional Engineer Officer.

Enclosure. ✓

W. Rhodes

Aug 29/8

7094

HLS/s

HEADQUARTERS REGION IX
ALLIED MILITARY GOVERNMENT
P O 394

26 August 1944

Region IX (Major Spann)

SUMMARY OF ACTIVITIES DURING AUGUST 1944. (REGION IX)

10/2. Remarks.

Routine activities consisted of general planning in anticipation of the occupation of Region IX. All information that may be of use is being collected and data is compiled in our files. A book on sewers and water installations in Italy was secured from the AGC library in Rome and the chapter on Emilia has been copied for our use.

All maps of the area have been turned over to this division for record and distribution to personnel and provincial officials.

Information is being sought and collated on the locality and productive possibilities of all engineering works, quarries, cement works, etc capable of being used. A particular study had been made concerning electrical generating and distribution systems.

Studies are being made toward possibilities of the flooding of large areas of lowlying lands by the enemy, and as much information as possible is being sought covering systems and pumping stations in operation. Directives will be prepared for the early location of damaged sluices or blown banks, in order to ascertain the points of ingress of flood waters and to localize their effects. Possibilities and methods of procedure will be studied so that plans can be made for repairs as occasions arise.

Plans are being made for the listing of Contractors and Engineers in the various categories, as rapidly as information is available.

Forms are being studied for the purpose of standardizing data on public works and utilities for record and use. A model form of report

and water installations in Italy was secured from the AOC library in Rome and the chapter on Emilia has been copied for our use.

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Forms are being studied for the purpose of standardizing data on public works and utilities for record and use. A model form of report has been prepared for use in communes and provinces by officials to be submitted to this office.

4. Staff and Personnel.

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The personnel of this division at this time is as follows:

Major W. M. Spann. (A)

Major W.H. Gamble (E)

Capt. E. H. Rogers (A)

Pfc Anthony Campenelli (A)

Capt. Rogers is temporarily attached to AMG 8th Army and is making a study of hydro-electric installations in that area.

(c) Inspection Tours.

Contacts were made with 8th Army AMG, Group Captain Denson, and the Chief Engineer of District 1, Brigadier Lindsay, in order to become familiar with procedure of operations and to maintain connection for cooperation in activities.

(d) Military Highways.

Designation has been made of Highways No. 16 and 9 from Ancona to Bologna for first priority.

(e) Public Works and Utilities.

Plans are in progress to make condition studies on all public works and utilities as soon as possible after we enter the region.

All work will be done in connection with 5th and 8th Army AMG personnel and through liaison personnel connected with District 1 and. PHS.

(f) General.

Technical personnel from available Italians have been requested for use in securing and compiling data.

William M. Spann, Major, USAR
Regional Engineer Officer.

2 copies Regional Commissioner

2 copies Director PW&U Sub-Commission.

12/1. Military Highways.

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12/3. General.

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William M. Spence, Major AUSA
Regional Engineer Officer.

2 copies Regional Commissioner

2 copies Director PW&U Sub-Commission.

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